Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102918\
Data File : PR033339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:09
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 12:01:53 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102818.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 29 02:03:30 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.760	3.738	845.5E6	3131.9E6	48.759	47.905	
2)	SA Decachlor...	10.754	8.732	814.0E6	1982.0E6	50.968	52.104	
	Target Compounds							
3)	L1 AR-1016-1	5.944	4.822	330.4E6	1143.9E6	500.572	503.446	
4)	L1 AR-1016-2	5.967	4.841	482.2E6	1760.6E6	499.651	504.526	
5)	L1 AR-1016-3	6.030	5.017	299.1E6	846.6E6	511.529	490.847	
6)	L1 AR-1016-4	6.131	5.057	254.1E6	749.7E6	532.354	543.647	
7)	L1 AR-1016-5	6.427	5.270	238.4E6	850.7E6	504.899	472.640	
8)	L2 AR-1221-1	4.964	3.951	33981893	113.8E6	150.988	151.922	
9)	L2 AR-1221-2	5.059	4.037	41737239	271.5E6	254.806	470.835	#
10)	L2 AR-1221-3	5.137	4.114	158.4E6	681.2E6	320.933	381.376	
11)	L3 AR-1232-1	5.137	4.114	158.4E6	681.2E6	476.205	594.779	
12)	L3 AR-1232-2	5.675	4.841	233.4E6	1760.6E6	1332.796	1435.660	
13)	L3 AR-1232-3	5.967	5.017	482.2E6	846.6E6	1408.249	1407.550	
14)	L3 AR-1232-4	6.131	5.098	254.1E6	851.6E6	1503.965	1606.748	
15)	L3 AR-1232-5	6.218	5.270	208.2E6	850.7E6	1578.687	1446.220	
16)	L4 AR-1242-1	5.944	4.822	330.4E6	1143.9E6	630.572	619.892	
17)	L4 AR-1242-2	5.967	4.841	482.2E6	1760.6E6	636.279	645.044	
18)	L4 AR-1242-3	6.030	5.017	299.1E6	846.6E6	647.932	613.191	
19)	L4 AR-1242-4	6.131	5.098	254.1E6	851.6E6	656.085	650.662	
20)	L4 AR-1242-5	6.873	5.618	67475708	789.2E6	165.391	476.599	#
21)	L5 AR-1248-1	5.944	4.822	330.4E6	1143.9E6	891.562	874.900	
22)	L5 AR-1248-2	6.218	5.057	208.2E6	749.7E6	406.517	448.397	
23)	L5 AR-1248-3	6.427	5.098	238.4E6	851.6E6	426.975	501.232	
24)	L5 AR-1248-4	6.832	5.270	77328088	850.7E6	121.803	408.028	#
25)	L5 AR-1248-5	6.873	5.659	67475708	217.9E6	112.723	106.212	
26)	L6 AR-1254-1	6.806	5.618	223.2E6	789.2E6	272.168	204.950	
27)	L6 AR-1254-2	7.024	5.764	190.6E6	597.9E6	155.524	183.368	
28)	L6 AR-1254-3	7.397	6.180	90622937	1377.1E6	70.557	266.419	#
29)	L6 AR-1254-4	7.684	6.391	61078267	96988603	65.970	31.142	#
30)	L6 AR-1254-5	8.106	6.806	704.6E6	2001.6E6	599.771	520.932	
31)	L7 AR-1260-1	7.561	6.294	480.5E6	1502.7E6	501.723	494.049	
32)	L7 AR-1260-2	7.818	6.479	561.0E6	1770.0E6	498.547	493.804	
33)	L7 AR-1260-3	8.183	6.634	431.3E6	1708.4E6	508.104	508.349	
34)	L7 AR-1260-4	8.425	7.104	491.9E6	1312.9E6	502.095	505.296	
35)	L7 AR-1260-5	8.769	7.342	1029.0E6	3409.0E6	523.630	520.798	
36)	L8 AR-1262-1	8.183	6.844	431.3E6	1481.1E6	414.778	422.832	
37)	L8 AR-1262-2	8.769	7.342	1029.0E6	3409.0E6	548.479	533.666	
38)	L8 AR-1262-3	9.127	7.625	642.1E6	697.0E6	513.390	276.903	#
39)	L8 AR-1262-4	9.188	7.689	369.9E6	2309.8E6	394.919	515.437	#
40)	L8 AR-1262-5	9.927	8.183	271.3E6	726.5E6	405.911	397.741	
41)	L9 AR-1268-1	9.127	7.625	642.1E6	697.0E6	277.788	88.246	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102918\
Data File : PR033339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:09
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 12:01:53 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102818.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 29 02:03:30 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42)	L9 AR-1268-2	9.188	7.689	369.9E6	2309.8E6	175.869	323.155	#
43)	L9 AR-1268-3	9.458	7.896	17303556	70967680	9.511	11.664	
44)	L9 AR-1268-4	9.927	8.183	271.3E6	726.5E6	346.274	335.988	
45)	L9 AR-1268-5	10.382	8.476	59248146	173.3E6	10.133	10.046	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

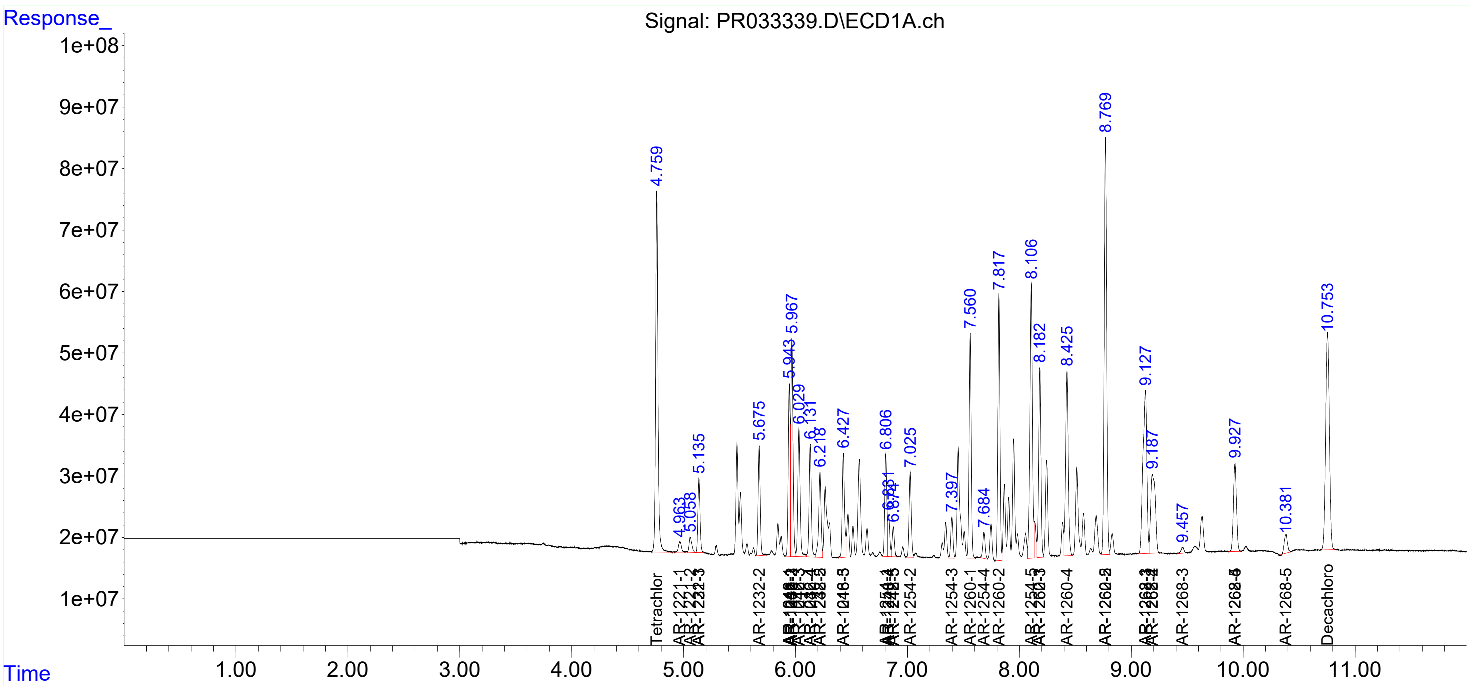
Quantitation Report (Not Reviewed)

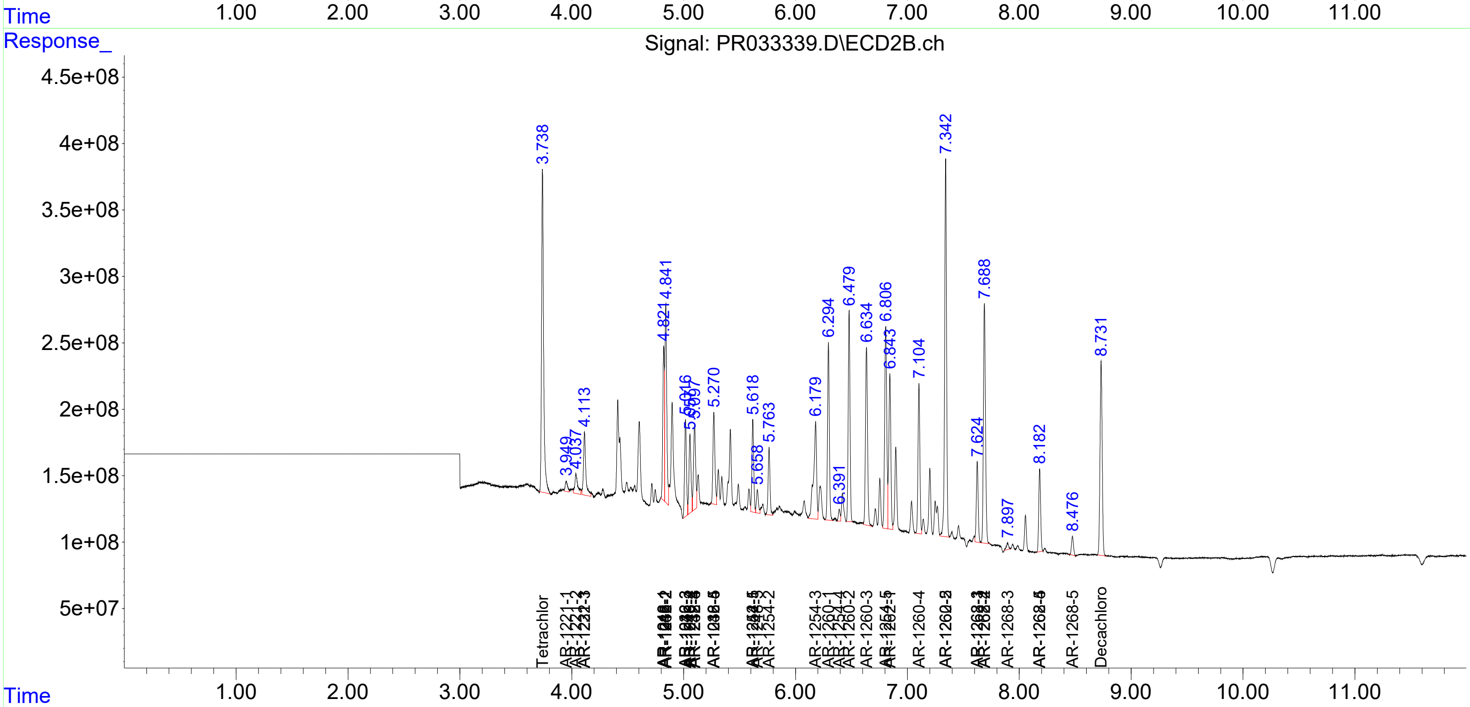
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102918\
Data File : PR033339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2018 10:09
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

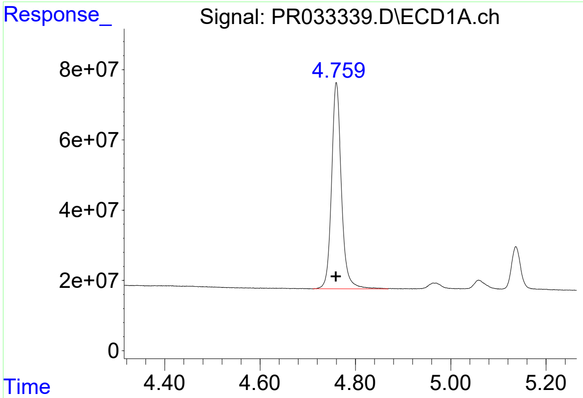
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 12:01:53 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102818.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 29 02:03:30 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



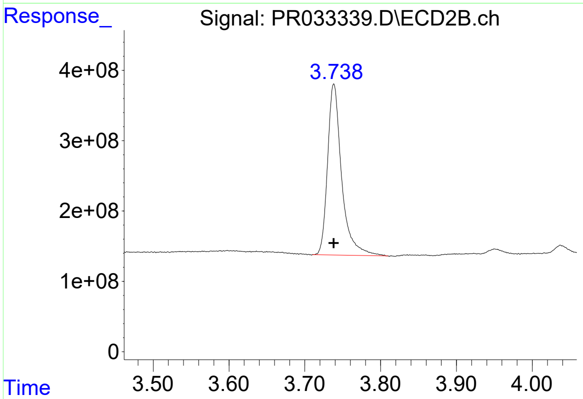




#1 Tetrachloro-m-xylene

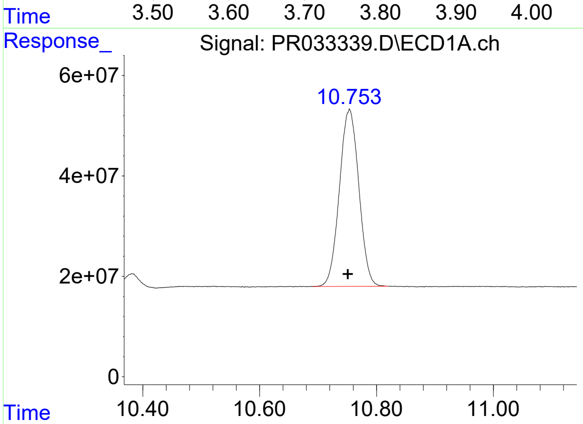
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 845536801
Conc: 48.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



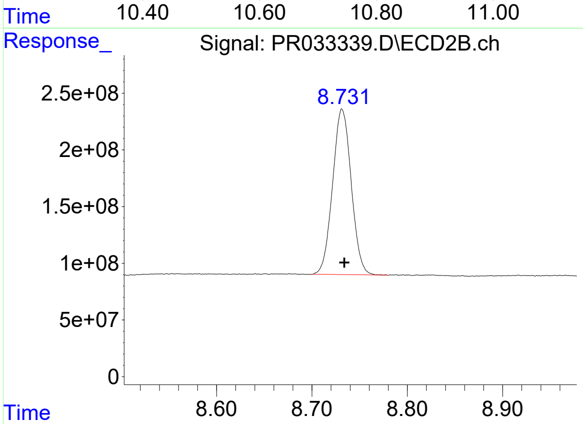
#1 Tetrachloro-m-xylene

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 3131884415
Conc: 47.91 ng/ml



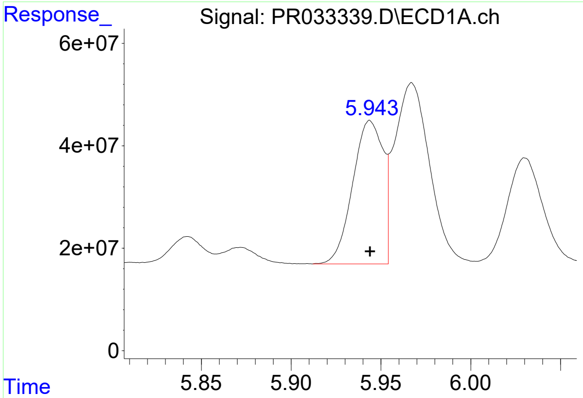
#2 Decachlorobiphenyl

R.T.: 10.754 min
Delta R.T.: 0.003 min
Response: 813977139
Conc: 50.97 ng/ml



#2 Decachlorobiphenyl

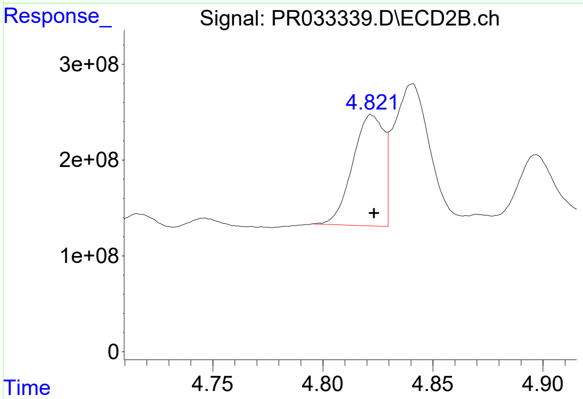
R.T.: 8.732 min
Delta R.T.: -0.002 min
Response: 1981972299
Conc: 52.10 ng/ml



#3 AR-1016-1

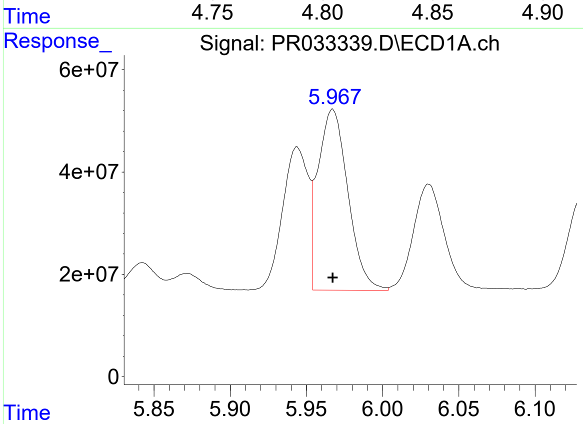
R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 330444270
Conc: 500.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



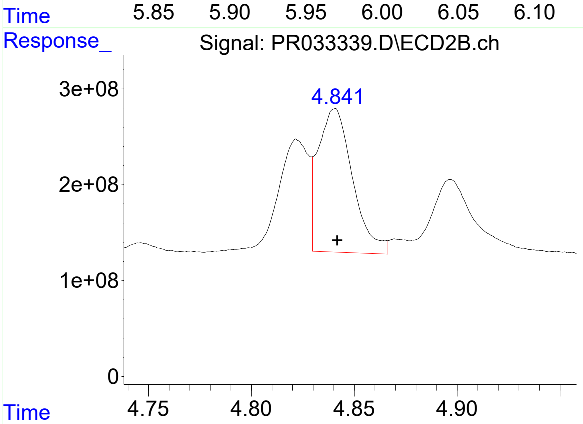
#3 AR-1016-1

R.T.: 4.822 min
Delta R.T.: -0.001 min
Response: 1143892406
Conc: 503.45 ng/ml



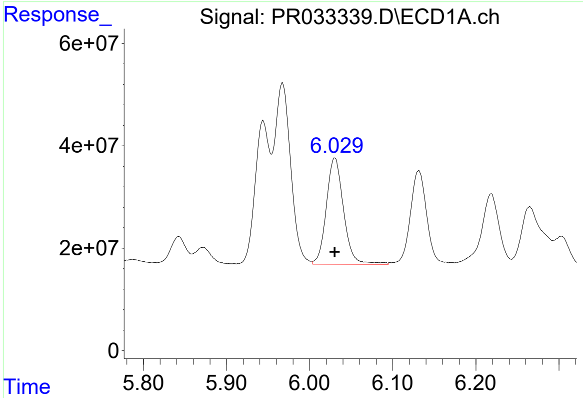
#4 AR-1016-2

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 482167922
Conc: 499.65 ng/ml



#4 AR-1016-2

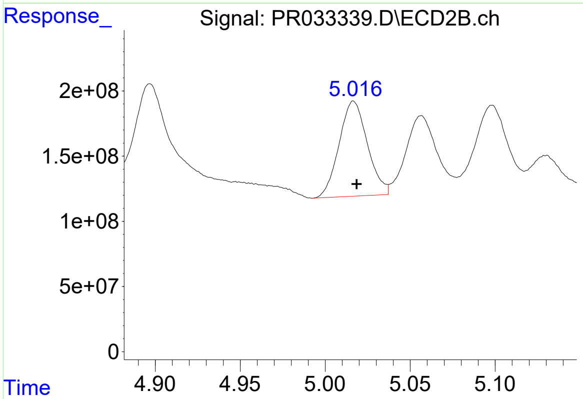
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 1760609162
Conc: 504.53 ng/ml



#5 AR-1016-3

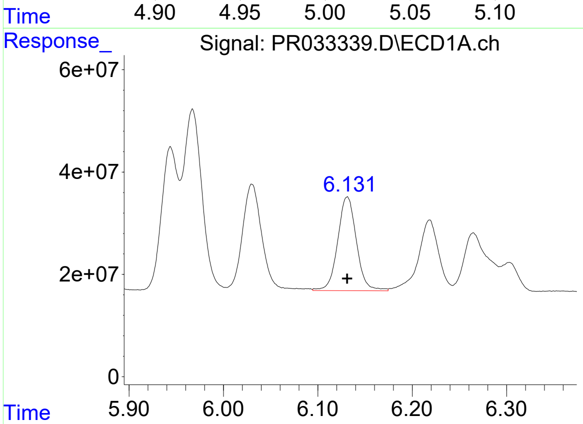
```
      R.T.:    6.030 min
Delta R.T.:    0.000 min
  Response: 299092281
      Conc: 511.53 ng/ml
```

Instrument :
ECD_R
ClientSampleId :



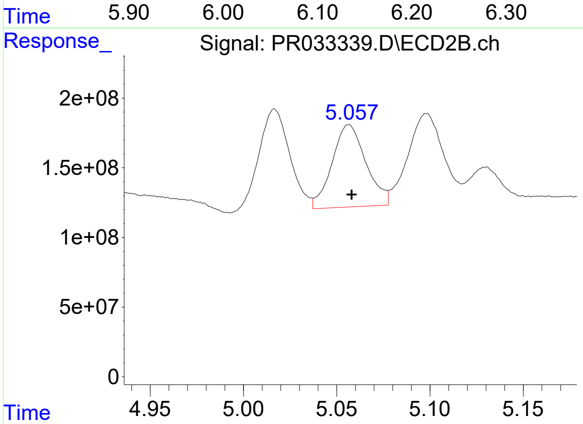
#5 AR-1016-3

```
      R.T.:    5.017 min
Delta R.T.:   -0.002 min
  Response: 846590032
      Conc: 490.85 ng/ml
```



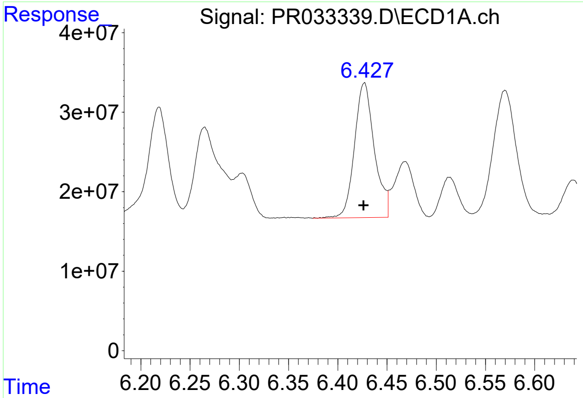
#6 AR-1016-4

```
      R.T.:    6.131 min
Delta R.T.:    0.000 min
  Response: 254072882
      Conc: 532.35 ng/ml
```



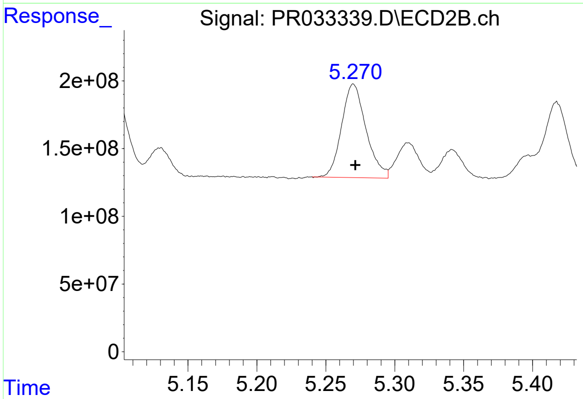
#6 AR-1016-4

```
      R.T.:    5.057 min
Delta R.T.:   -0.001 min
  Response: 749702618
      Conc: 543.65 ng/ml
```

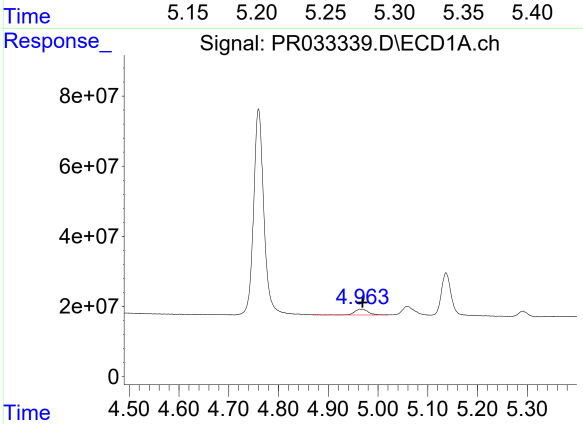



```
#7   AR-1016-5

      R.T.:    6.427 min
Delta R.T.:    0.000 min
  Response: 238374894
      Conc: 504.90 ng/ml
```

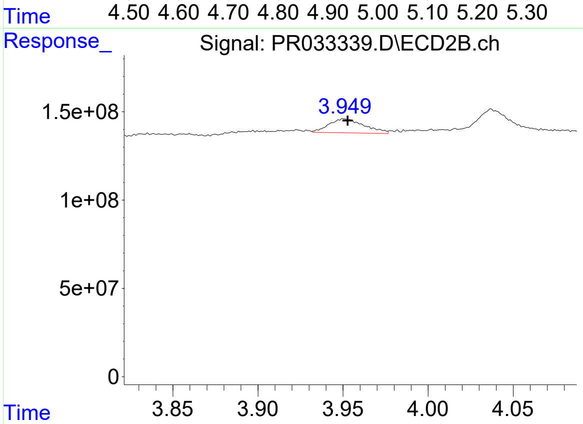
Instrument :
ECD_R
ClientSampleId :



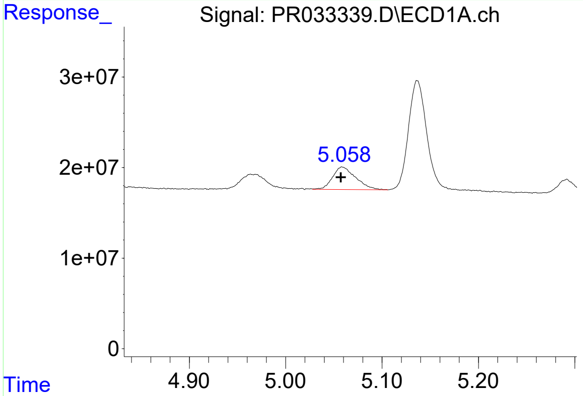

```
#7   AR-1016-5

      R.T.:    5.270 min
Delta R.T.:   -0.001 min
  Response: 850727295
      Conc: 472.64 ng/ml
```




```
#8   AR-1221-1

      R.T.:    4.964 min
Delta R.T.:   -0.005 min
  Response:  33981893
      Conc: 150.99 ng/ml
```



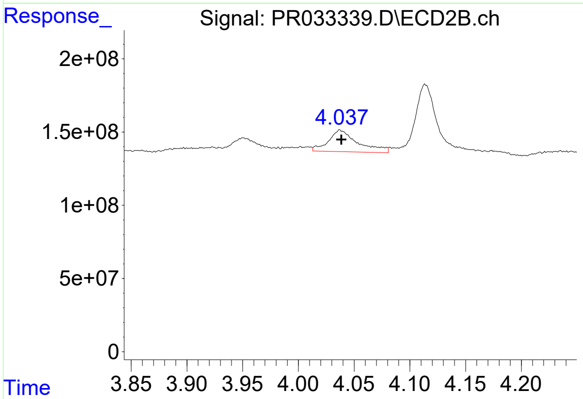

```
#8   AR-1221-1

      R.T.:    3.951 min
Delta R.T.:   -0.002 min
  Response: 113779944
      Conc: 151.92 ng/ml
```



#9 AR-1221-2

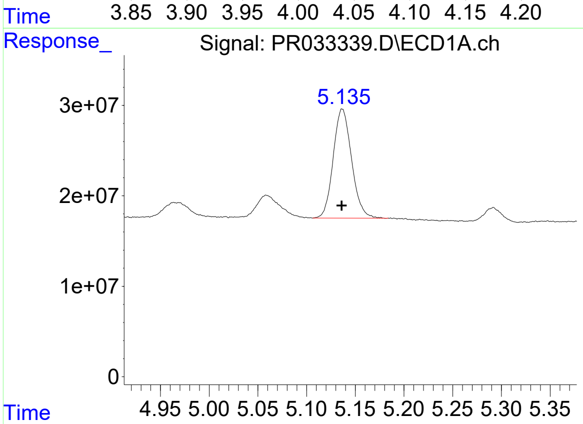
R.T.: 5.059 min
Delta R.T.: 0.002 min
Response: 41737239
Conc: 254.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



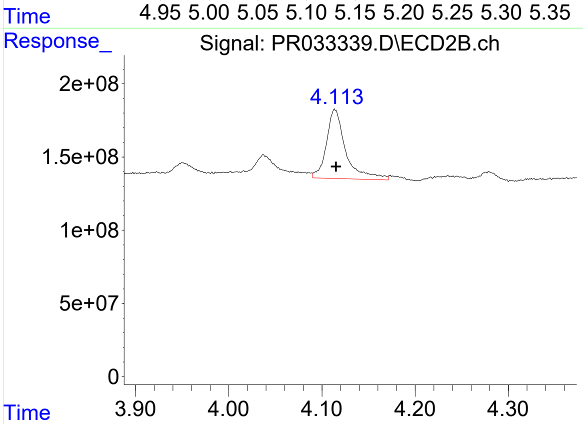
#9 AR-1221-2

R.T.: 4.037 min
Delta R.T.: -0.001 min
Response: 271490912
Conc: 470.84 ng/ml



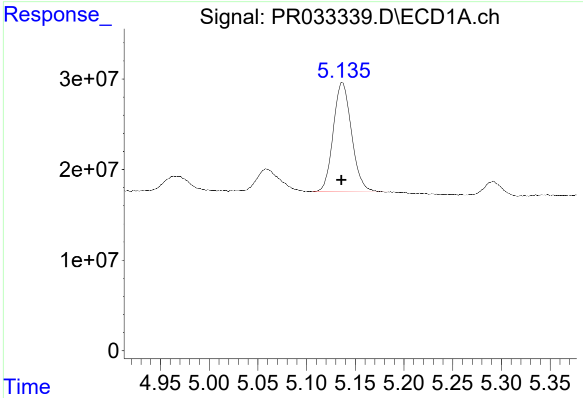
#10 AR-1221-3

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 158434446
Conc: 320.93 ng/ml



#10 AR-1221-3

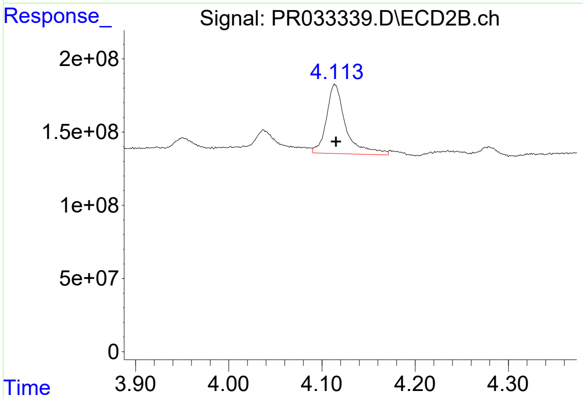
R.T.: 4.114 min
Delta R.T.: -0.001 min
Response: 681213123
Conc: 381.38 ng/ml



#11 AR-1232-1

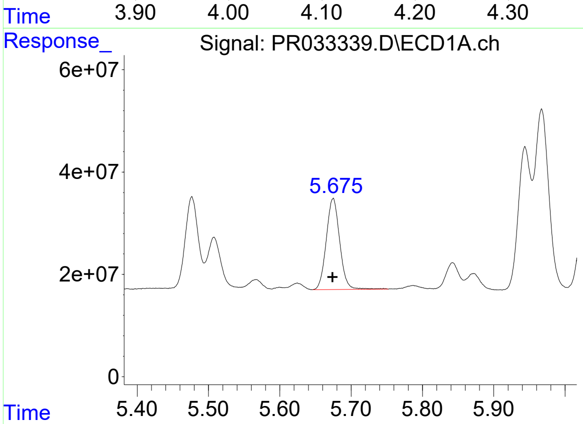
R.T.: 5.137 min
Delta R.T.: 0.001 min
Response: 158434446
Conc: 476.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



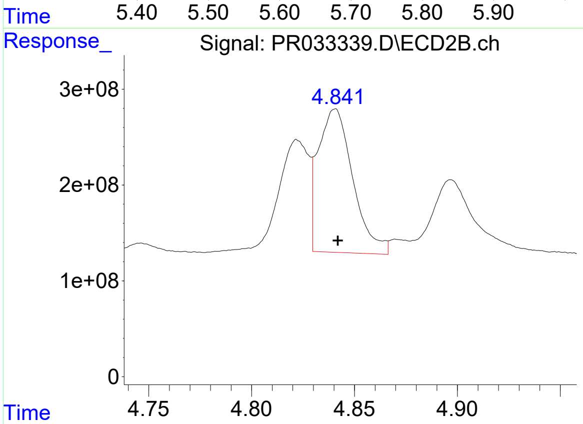
#11 AR-1232-1

R.T.: 4.114 min
Delta R.T.: -0.001 min
Response: 681213123
Conc: 594.78 ng/ml



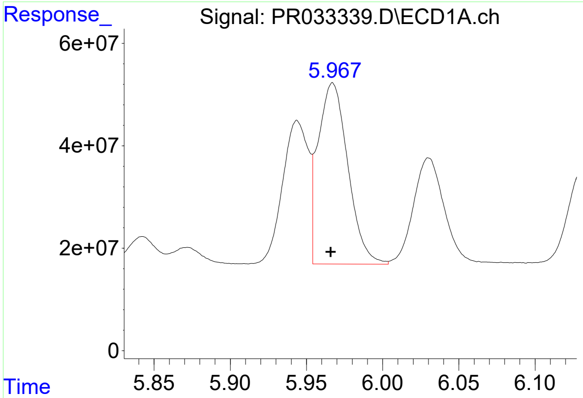
#12 AR-1232-2

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 233358552
Conc: 1332.80 ng/ml



#12 AR-1232-2

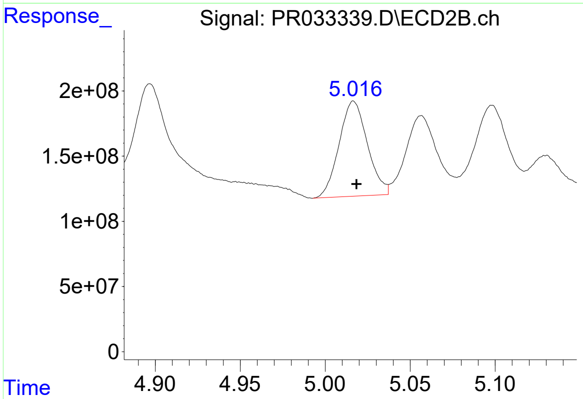
R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 1760609162
Conc: 1435.66 ng/ml



#13 AR-1232-3

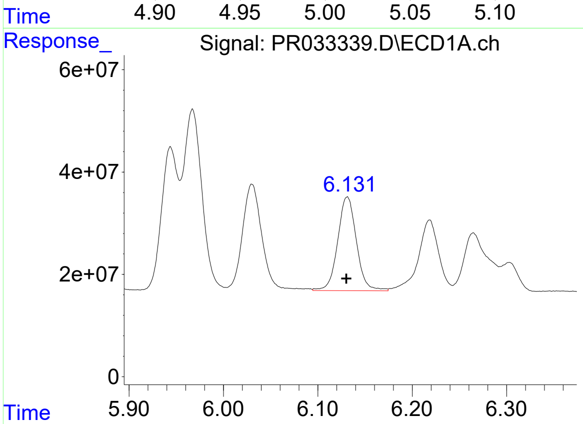
R.T.: 5.967 min
Delta R.T.: 0.001 min
Response: 482167922
Conc: 1408.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



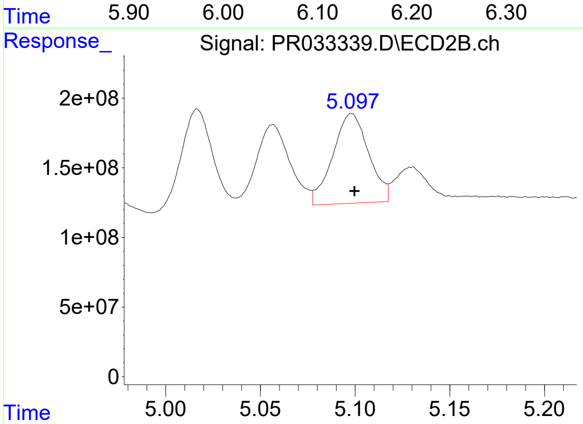
#13 AR-1232-3

R.T.: 5.017 min
Delta R.T.: -0.002 min
Response: 846590032
Conc: 1407.55 ng/ml



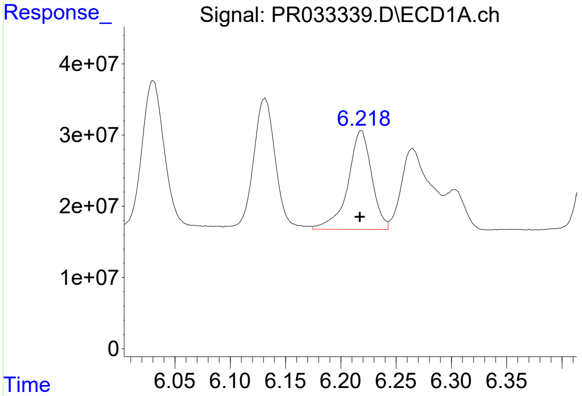
#14 AR-1232-4

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 254072882
Conc: 1503.96 ng/ml



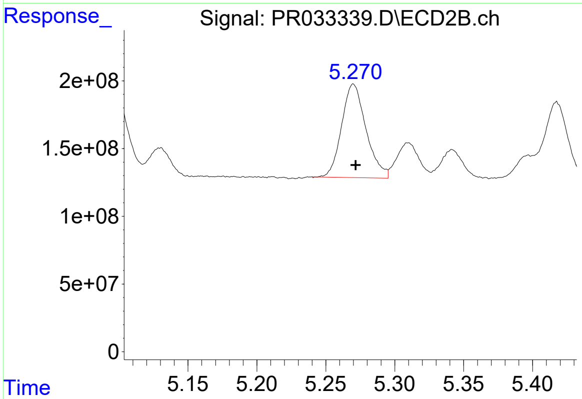
#14 AR-1232-4

R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 851634341
Conc: 1606.75 ng/ml

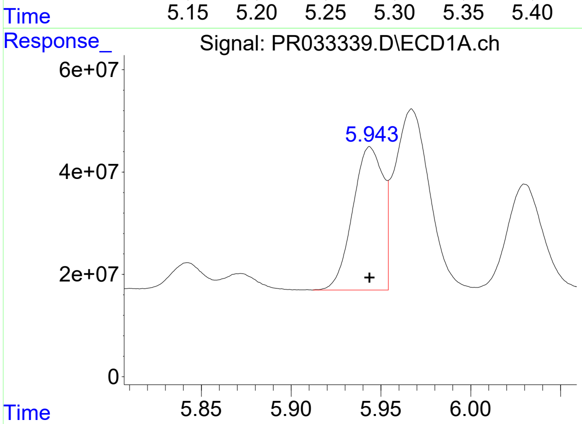



```
#15  AR-1232-5

     R.T.:     6.218 min
Delta R.T.:    0.001 min
  Response: 208181936
     Conc: 1578.69 ng/ml
```

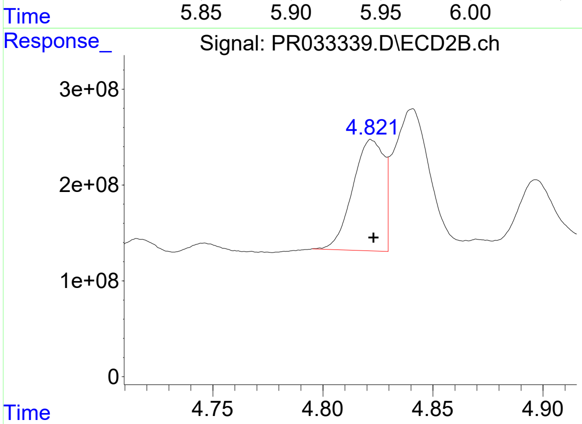
Instrument :
ECD_R
ClientSampleId :



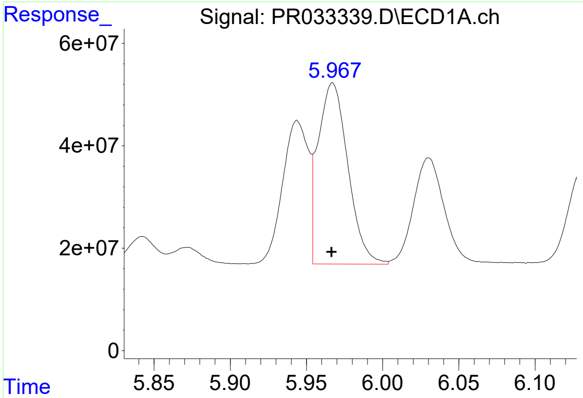

```
#15  AR-1232-5

     R.T.:     5.270 min
Delta R.T.:   -0.002 min
  Response: 850727295
     Conc: 1446.22 ng/ml
```




```
#16  AR-1242-1

     R.T.:     5.944 min
Delta R.T.:    0.000 min
  Response: 330444270
     Conc: 630.57 ng/ml
```



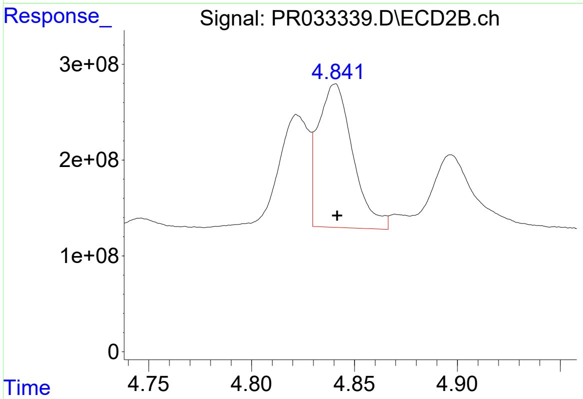

```
#16  AR-1242-1

     R.T.:     4.822 min
Delta R.T.:    0.000 min
  Response: 1143892406
     Conc: 619.89 ng/ml
```



#17 AR-1242-2

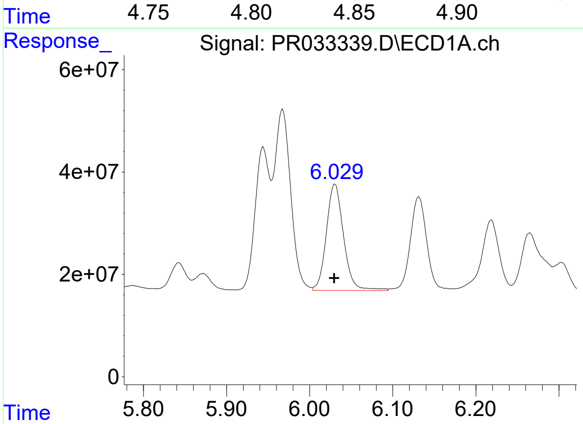
R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 482167922
Conc: 636.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



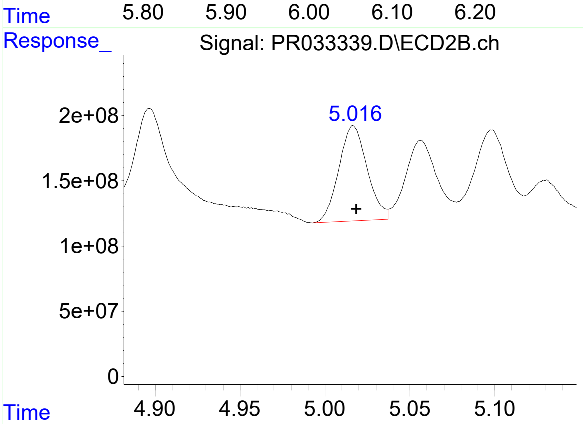
#17 AR-1242-2

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 1760609162
Conc: 645.04 ng/ml



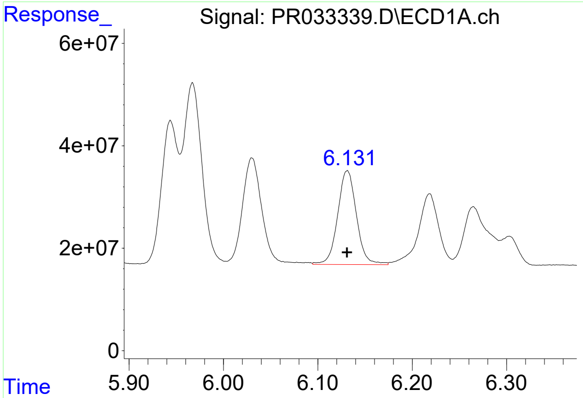
#18 AR-1242-3

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 299092281
Conc: 647.93 ng/ml



#18 AR-1242-3

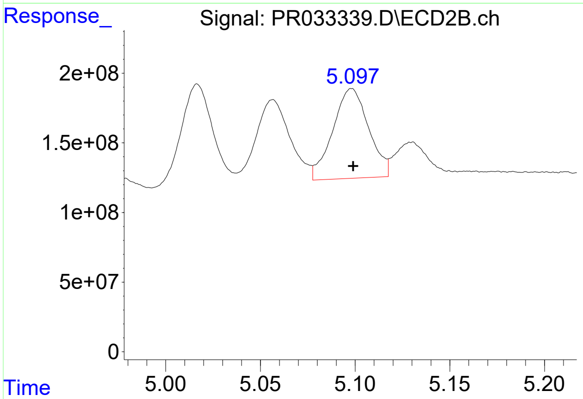
R.T.: 5.017 min
Delta R.T.: -0.002 min
Response: 846590032
Conc: 613.19 ng/ml



#19 AR-1242-4

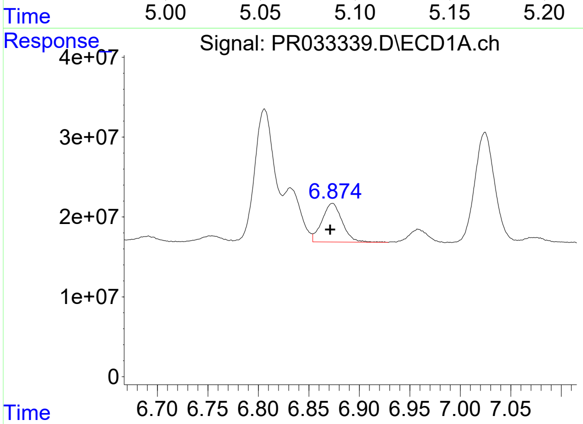
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 254072882
Conc: 656.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



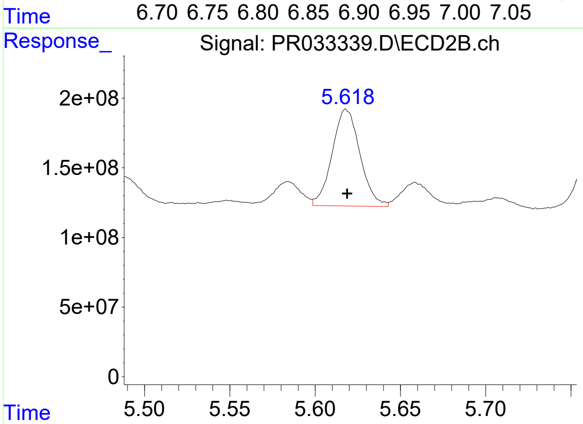
#19 AR-1242-4

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 851634341
Conc: 650.66 ng/ml



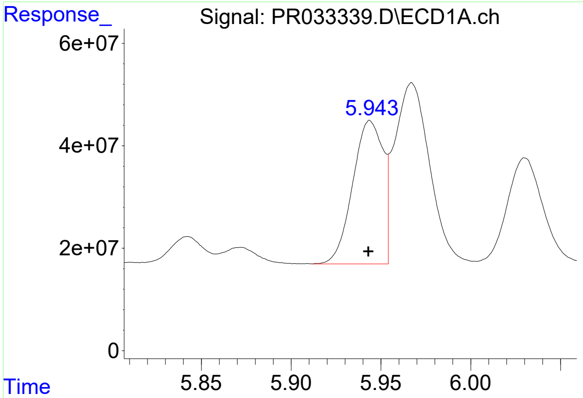
#20 AR-1242-5

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 67475708
Conc: 165.39 ng/ml



#20 AR-1242-5

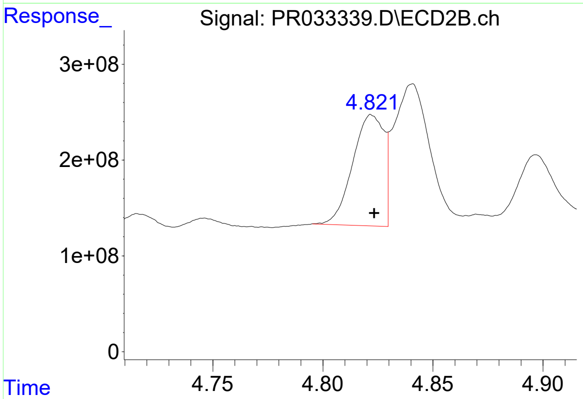
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 789150091
Conc: 476.60 ng/ml



#21 AR-1248-1

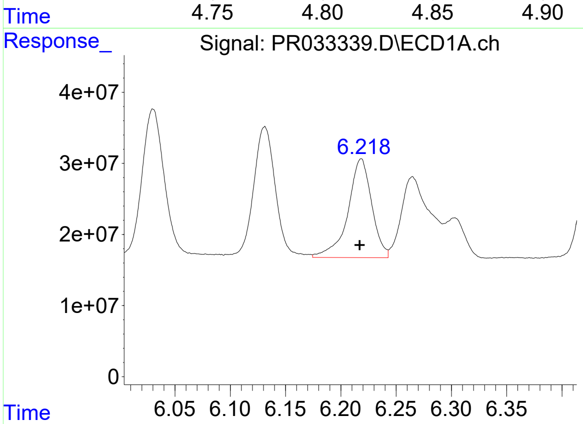
R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 330444270
Conc: 891.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



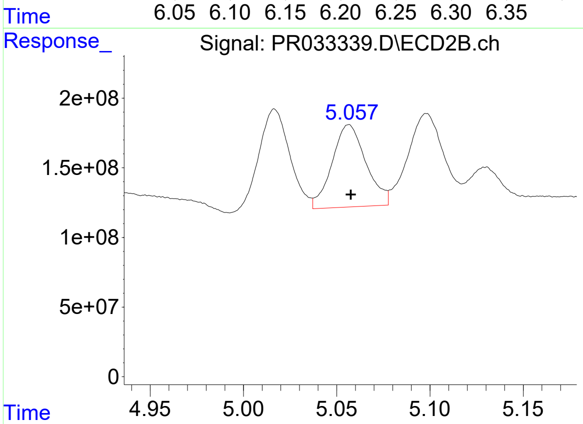
#21 AR-1248-1

R.T.: 4.822 min
Delta R.T.: -0.001 min
Response: 1143892406
Conc: 874.90 ng/ml



#22 AR-1248-2

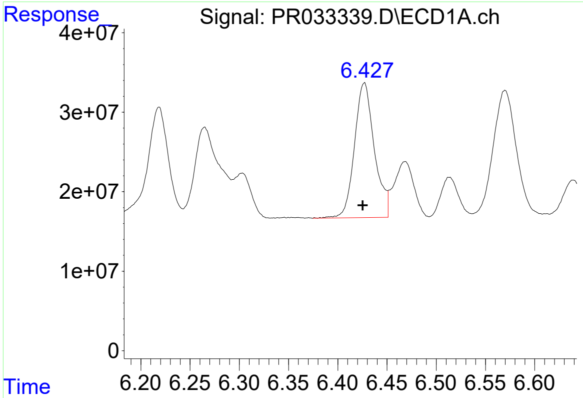
R.T.: 6.218 min
Delta R.T.: 0.001 min
Response: 208181936
Conc: 406.52 ng/ml



#22 AR-1248-2

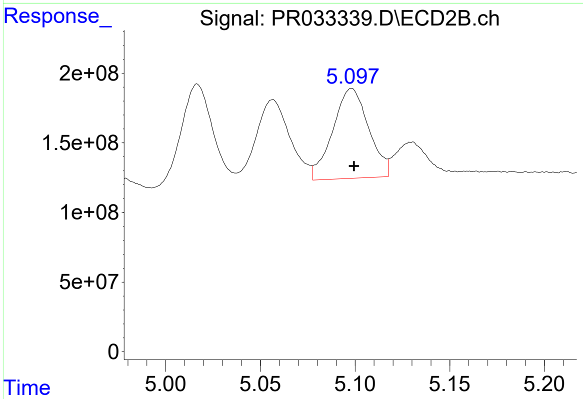
R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 749702618
Conc: 448.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



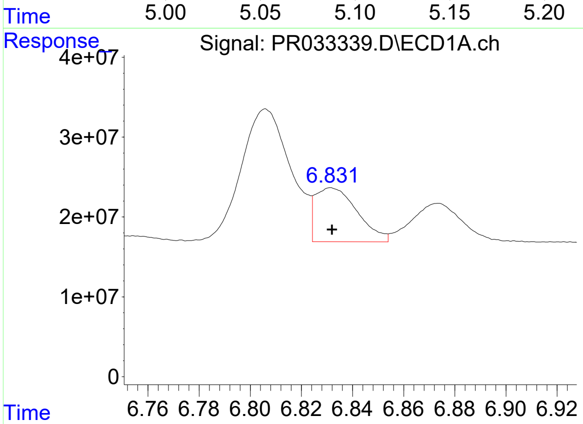
#23 AR-1248-3

R.T.: 6.427 min
Delta R.T.: 0.002 min
Response: 238374894
Conc: 426.98 ng/ml



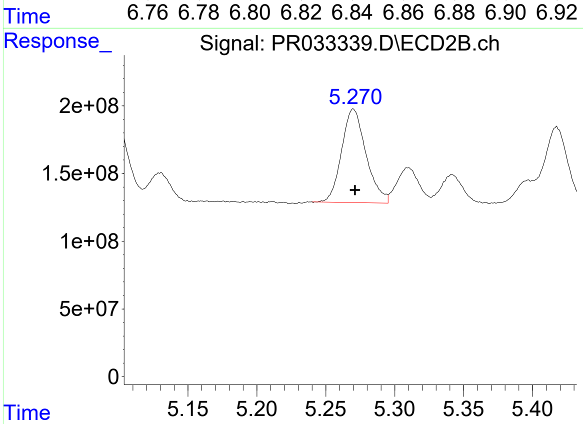
#23 AR-1248-3

R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 851634341
Conc: 501.23 ng/ml



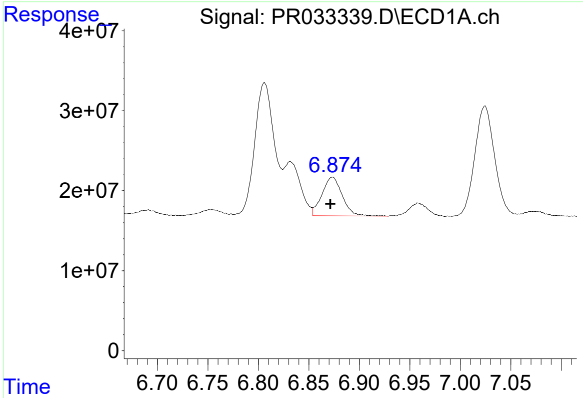
#24 AR-1248-4

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 77328088
Conc: 121.80 ng/ml



#24 AR-1248-4

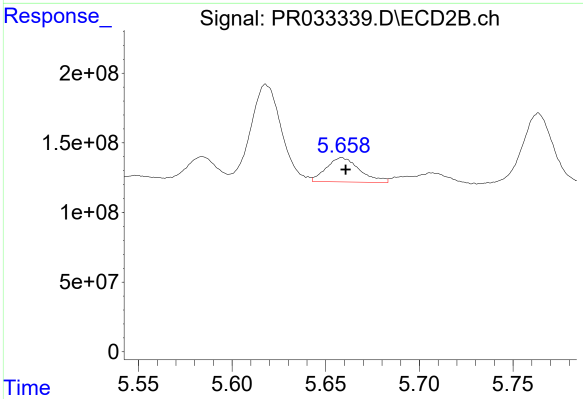
R.T.: 5.270 min
Delta R.T.: -0.001 min
Response: 850727295
Conc: 408.03 ng/ml



#25 AR-1248-5

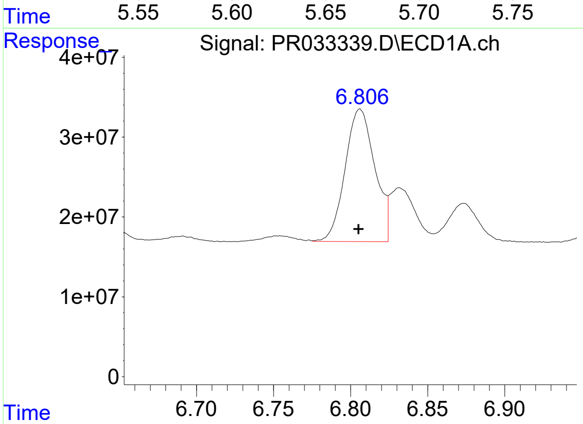
R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 67475708
Conc: 112.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



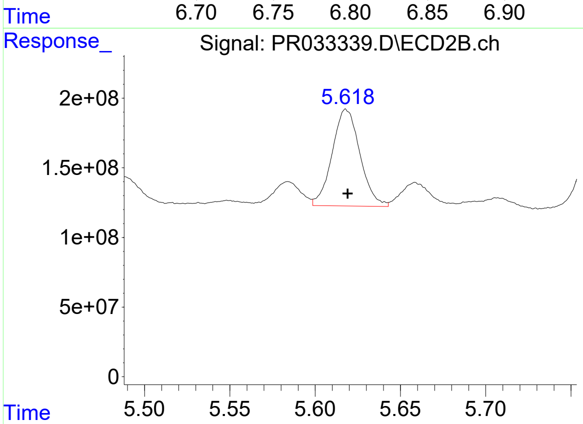
#25 AR-1248-5

R.T.: 5.659 min
Delta R.T.: -0.002 min
Response: 217926449
Conc: 106.21 ng/ml



#26 AR-1254-1

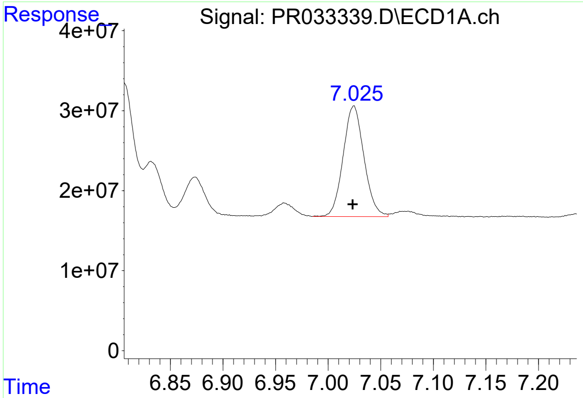
R.T.: 6.806 min
Delta R.T.: 0.001 min
Response: 223224081
Conc: 272.17 ng/ml



#26 AR-1254-1

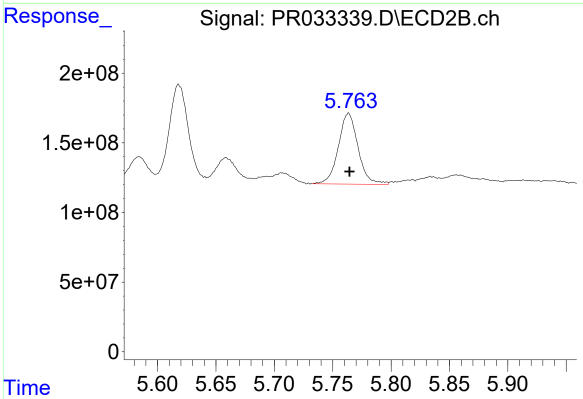
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 789150091
Conc: 204.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



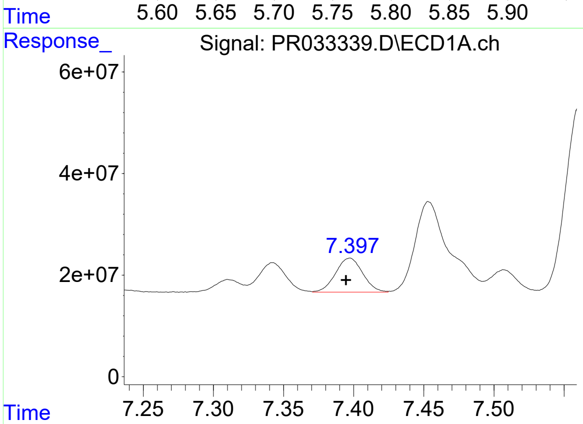
#27 AR-1254-2

```
     R.T.:    7.024 min
Delta R.T.:    0.001 min
  Response: 190554830
     Conc: 155.52 ng/ml
```



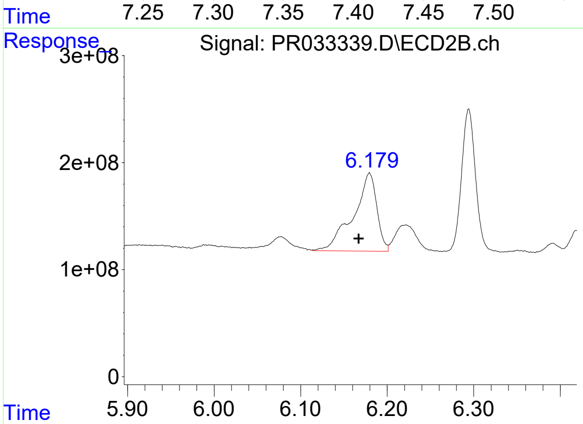
#27 AR-1254-2

```
     R.T.:    5.764 min
Delta R.T.:    0.000 min
  Response: 597907823
     Conc: 183.37 ng/ml
```



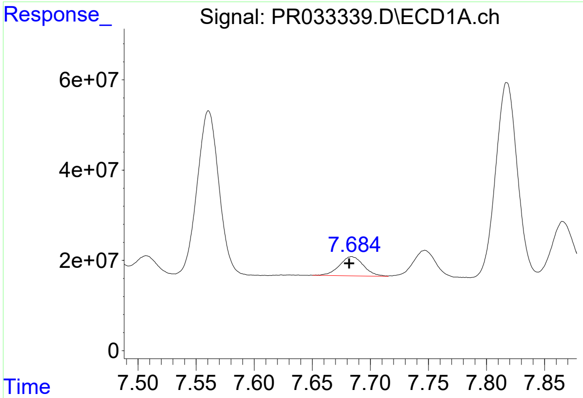
#28 AR-1254-3

```
     R.T.:    7.397 min
Delta R.T.:    0.003 min
  Response:  90622937
     Conc:  70.56 ng/ml
```



#28 AR-1254-3

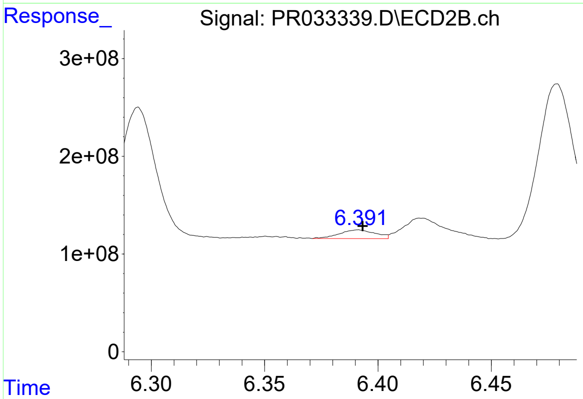
```
     R.T.:    6.180 min
Delta R.T.:    0.012 min
  Response: 1377062563
     Conc: 266.42 ng/ml
```



#29 AR-1254-4

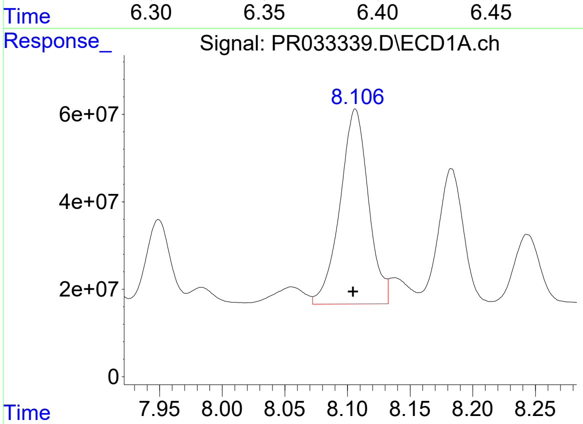
R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 61078267
Conc: 65.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



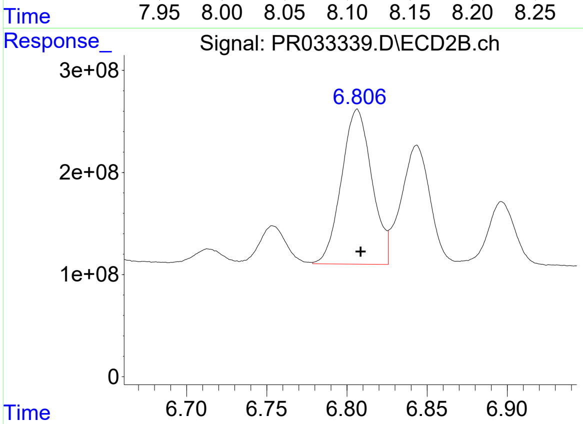
#29 AR-1254-4

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 96988603
Conc: 31.14 ng/ml



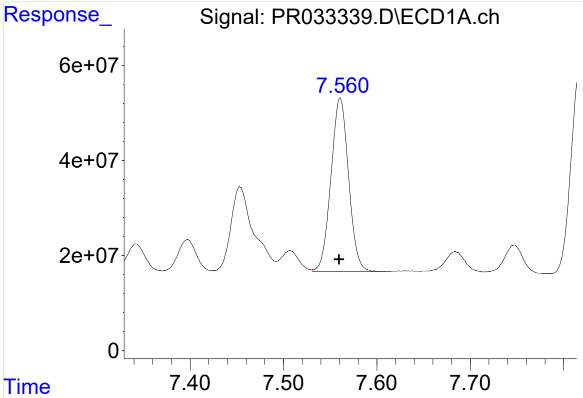
#30 AR-1254-5

R.T.: 8.106 min
Delta R.T.: 0.002 min
Response: 704628880
Conc: 599.77 ng/ml



#30 AR-1254-5

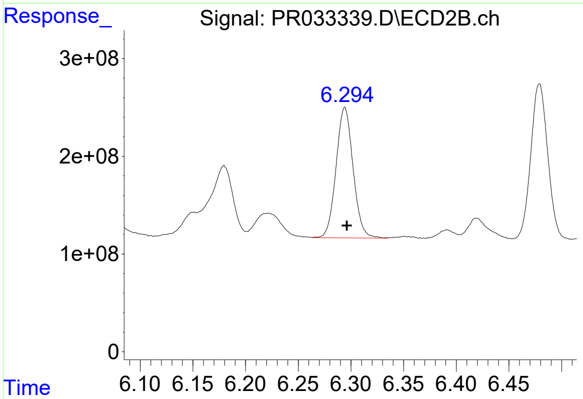
R.T.: 6.806 min
Delta R.T.: -0.002 min
Response: 2001573616
Conc: 520.93 ng/ml



#31 AR-1260-1

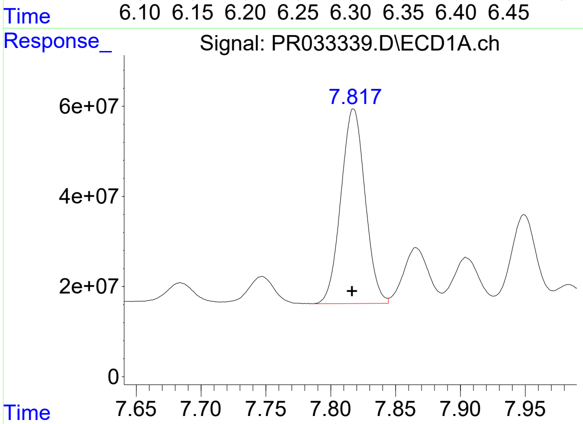
R.T.: 7.561 min
Delta R.T.: 0.001 min
Response: 480479559
Conc: 501.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



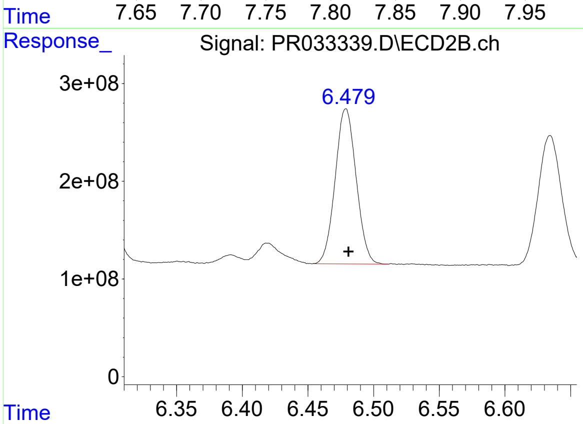
#31 AR-1260-1

R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 1502676768
Conc: 494.05 ng/ml



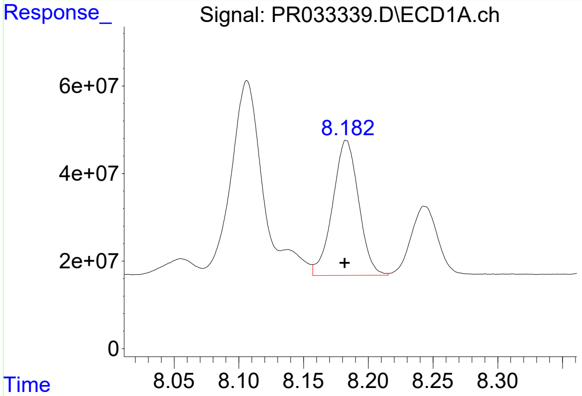
#32 AR-1260-2

R.T.: 7.818 min
Delta R.T.: 0.001 min
Response: 561003390
Conc: 498.55 ng/ml



#32 AR-1260-2

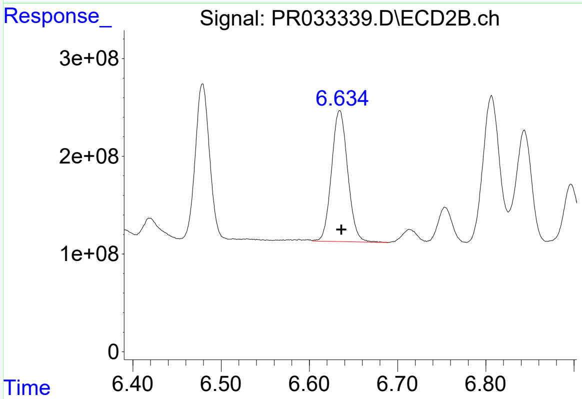
R.T.: 6.479 min
Delta R.T.: -0.002 min
Response: 1770040581
Conc: 493.80 ng/ml



#33 AR-1260-3

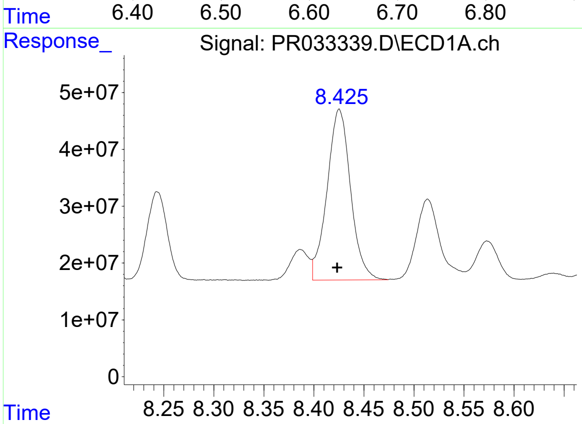
R.T.: 8.183 min
Delta R.T.: 0.001 min
Response: 431331244
Conc: 508.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



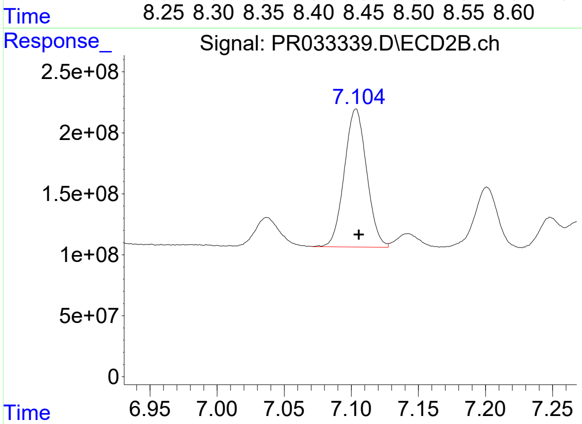
#33 AR-1260-3

R.T.: 6.634 min
Delta R.T.: -0.002 min
Response: 1708444896
Conc: 508.35 ng/ml



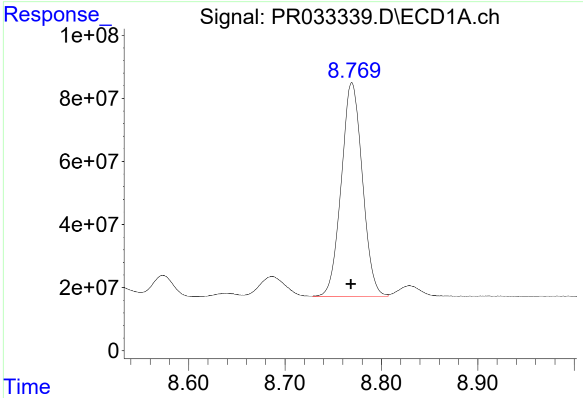
#34 AR-1260-4

R.T.: 8.425 min
Delta R.T.: 0.002 min
Response: 491938145
Conc: 502.10 ng/ml



#34 AR-1260-4

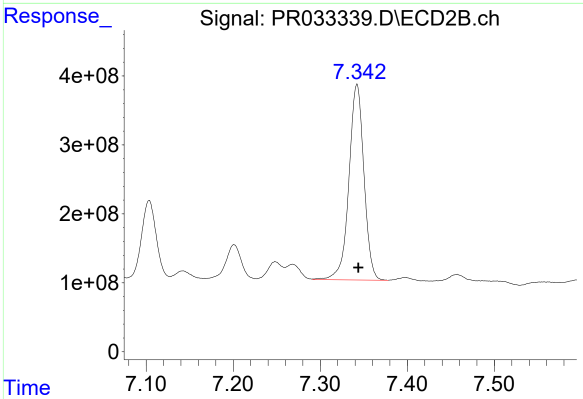
R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 1312892925
Conc: 505.30 ng/ml



#35 AR-1260-5

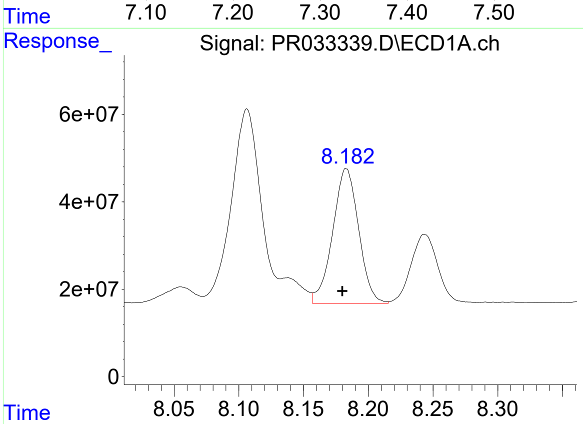
R.T.: 8.769 min
Delta R.T.: 0.001 min
Response: 1028962512
Conc: 523.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



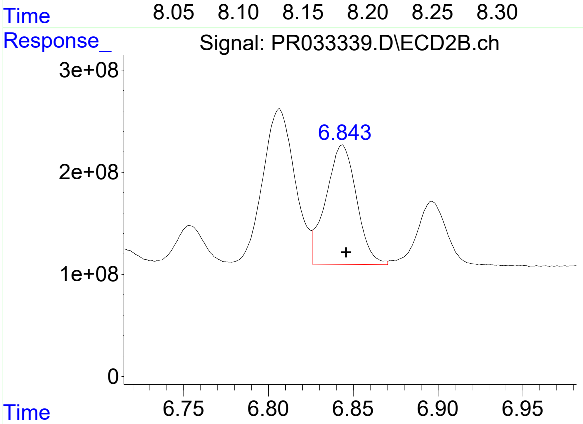
#35 AR-1260-5

R.T.: 7.342 min
Delta R.T.: -0.002 min
Response: 3408979291
Conc: 520.80 ng/ml



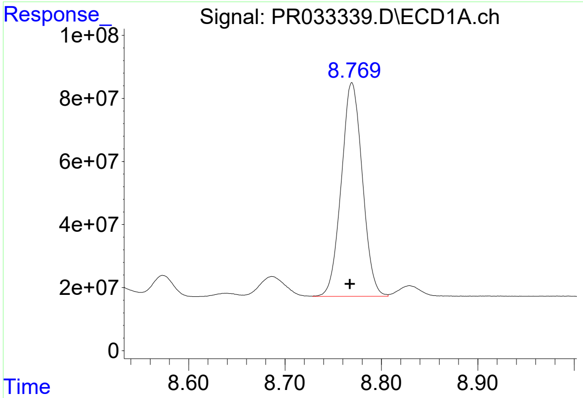
#36 AR-1262-1

R.T.: 8.183 min
Delta R.T.: 0.003 min
Response: 431331244
Conc: 414.78 ng/ml



#36 AR-1262-1

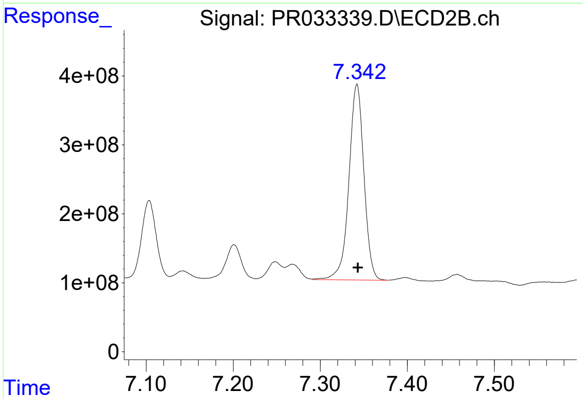
R.T.: 6.844 min
Delta R.T.: -0.002 min
Response: 1481098739
Conc: 422.83 ng/ml



#37 AR-1262-2

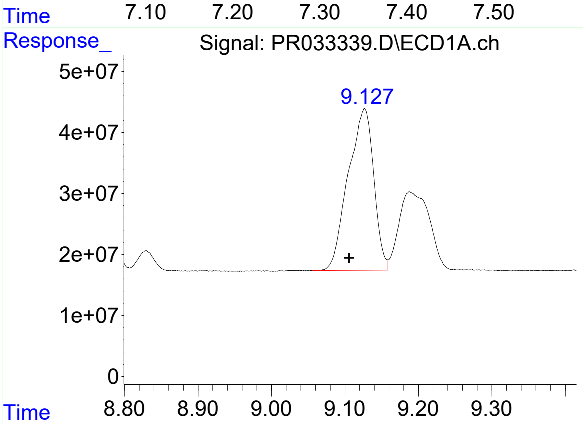
R.T.: 8.769 min
Delta R.T.: 0.002 min
Response: 1028962512
Conc: 548.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



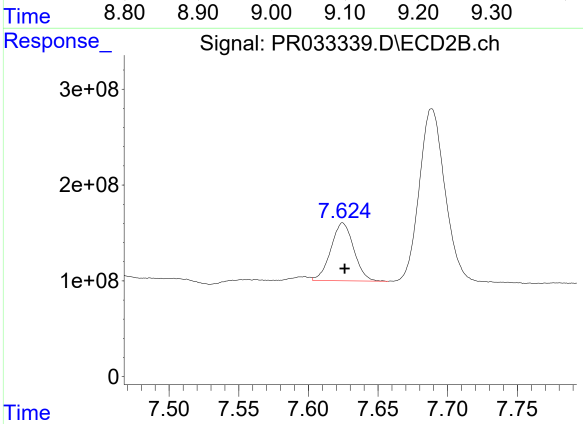
#37 AR-1262-2

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 3408979291
Conc: 533.67 ng/ml



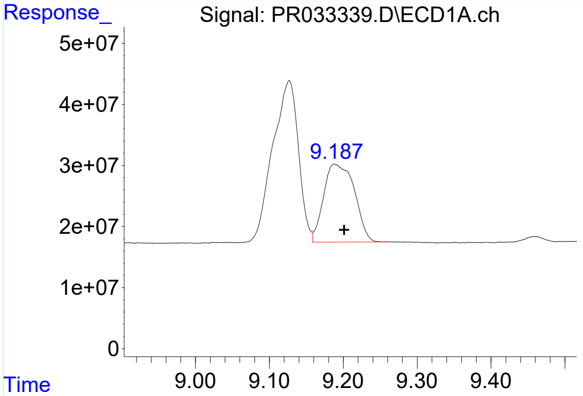
#38 AR-1262-3

R.T.: 9.127 min
Delta R.T.: 0.021 min
Response: 642133360
Conc: 513.39 ng/ml



#38 AR-1262-3

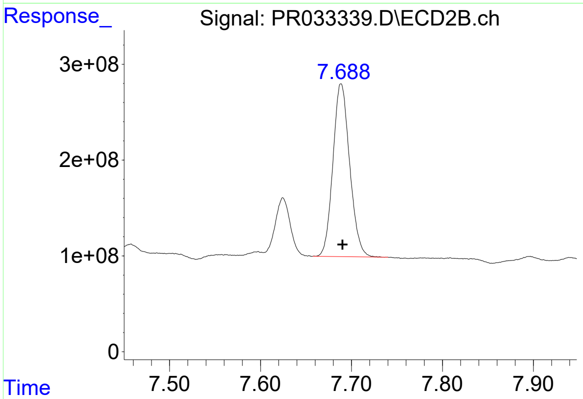
R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 696965954
Conc: 276.90 ng/ml



#39 AR-1262-4

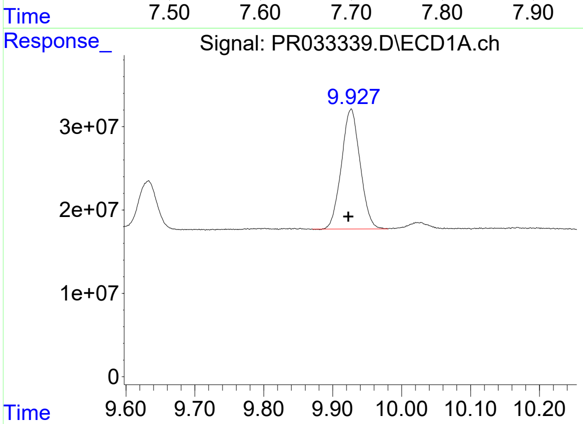
R.T.: 9.188 min
Delta R.T.: -0.013 min
Response: 369943553
Conc: 394.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



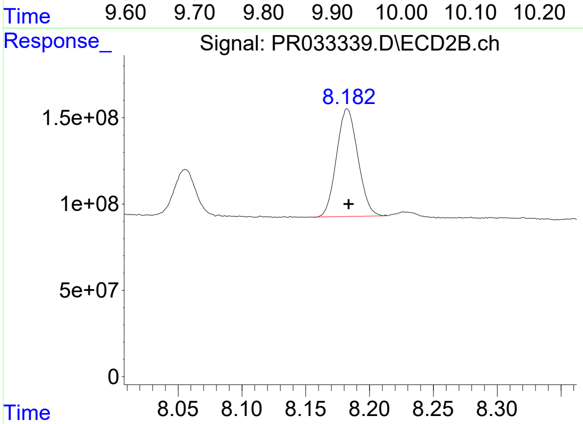
#39 AR-1262-4

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 2309798788
Conc: 515.44 ng/ml



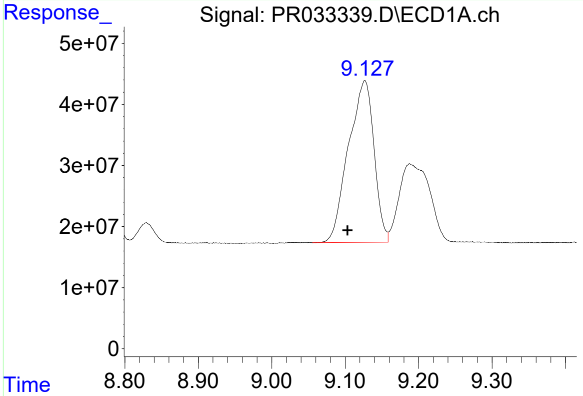
#40 AR-1262-5

R.T.: 9.927 min
Delta R.T.: 0.004 min
Response: 271342974
Conc: 405.91 ng/ml



#40 AR-1262-5

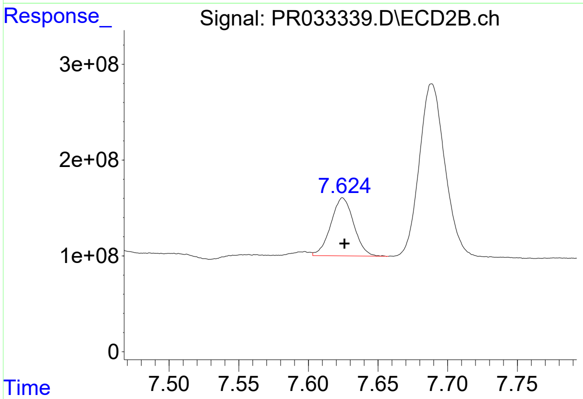
R.T.: 8.183 min
Delta R.T.: -0.001 min
Response: 726460123
Conc: 397.74 ng/ml



#41 AR-1268-1

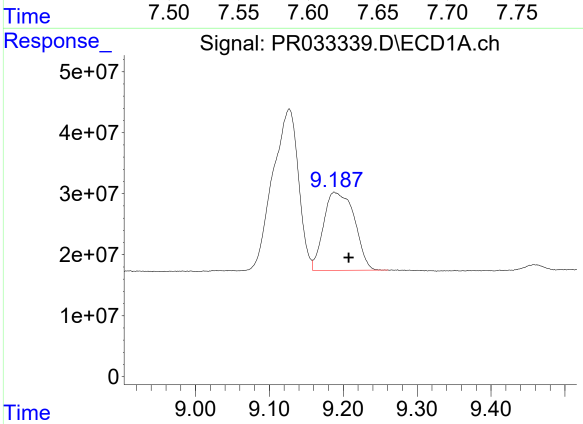
R.T.: 9.127 min
Delta R.T.: 0.024 min
Response: 642133360
Conc: 277.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



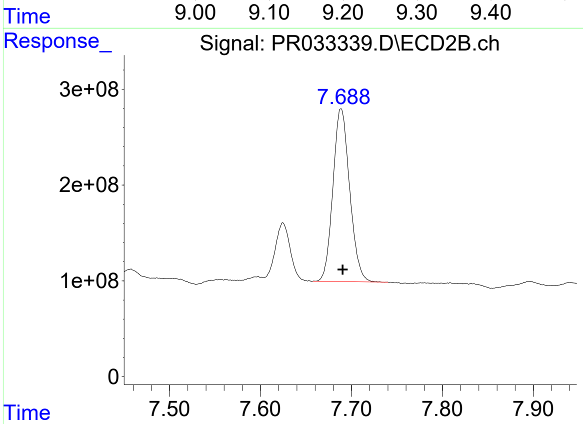
#41 AR-1268-1

R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 696965954
Conc: 88.25 ng/ml



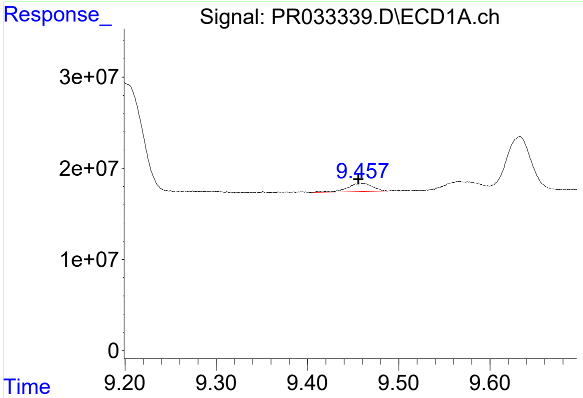
#42 AR-1268-2

R.T.: 9.188 min
Delta R.T.: -0.019 min
Response: 369943553
Conc: 175.87 ng/ml



#42 AR-1268-2

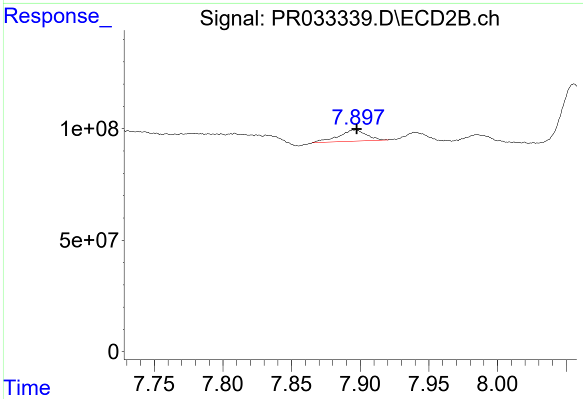
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 2309798788
Conc: 323.15 ng/ml



#43 AR-1268-3

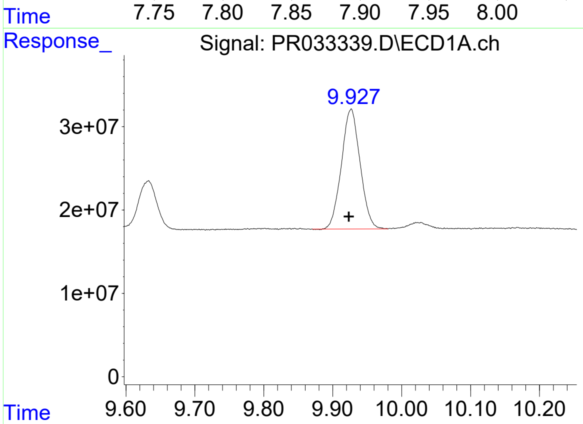
R.T.: 9.458 min
Delta R.T.: 0.003 min
Response: 17303556
Conc: 9.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



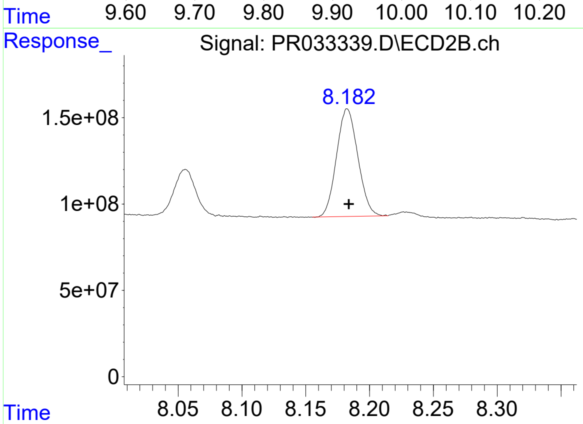
#43 AR-1268-3

R.T.: 7.896 min
Delta R.T.: -0.001 min
Response: 70967680
Conc: 11.66 ng/ml



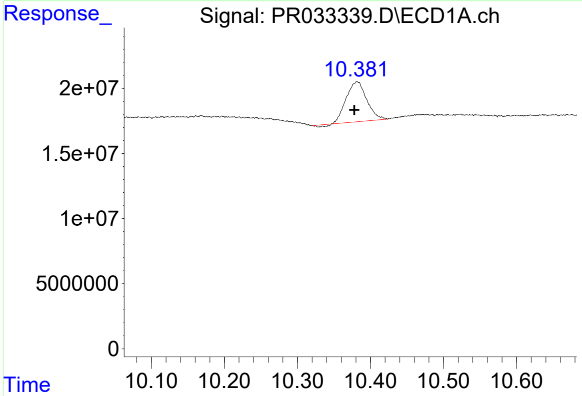
#44 AR-1268-4

R.T.: 9.927 min
Delta R.T.: 0.004 min
Response: 271342974
Conc: 346.27 ng/ml



#44 AR-1268-4

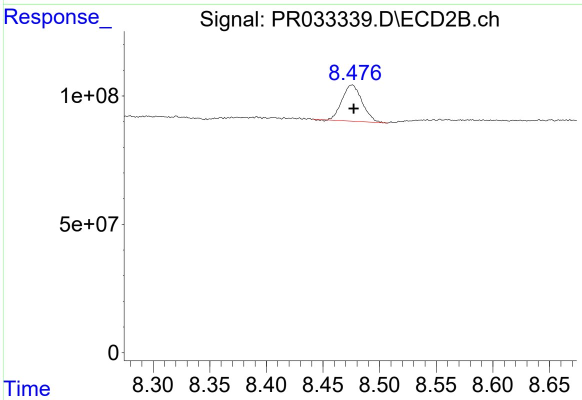
R.T.: 8.183 min
Delta R.T.: -0.001 min
Response: 726460123
Conc: 335.99 ng/ml



#45 AR-1268-5

R.T.: 10.382 min
Delta R.T.: 0.004 min
Response: 59248146
Conc: 10.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.476 min
Delta R.T.: -0.002 min
Response: 173277860
Conc: 10.05 ng/ml