

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072319\
 Data File : PR039610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2019 11:42
 Operator : SM\AJ
 Sample : K3941-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 13:41:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 2019
 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...	3.755	4.601	59530389	242.1E6	24.805	24.153
2)	SA Decachlor...	8.695	10.338	53753579	186.7E6	21.635	19.887
Target Compounds							
3)	L1 AR-1016-1	4.847	5.738	2513632	2628764	28.591	7.268 #
4)	L1 AR-1016-2	4.847	5.738	2513632	2628764	17.354	5.069 #
5)	L1 AR-1016-3	5.010	0.000	363589	0	5.235	N.D. #
6)	L1 AR-1016-4	5.055	5.921	22174927	19949175	393.930	76.523 #
7)	L1 AR-1016-5	5.265	6.230	5113886	49376737	68.183	196.533 #
8)	L2 AR-1221-1	3.957	0.000	534105	0	16.410	N.D. #
9)	L2 AR-1221-2	4.053	0.000	1465745	0	60.242	N.D. #
10)	L2 AR-1221-3	4.121	0.000	571974	0	7.303	N.D. #
11)	L3 AR-1232-1	4.121	0.000	571974	0	7.319	N.D. #
12)	L3 AR-1232-2	4.847	0.000	2513632	0	26.742	N.D. #
13)	L3 AR-1232-3	5.010	5.738	363589	2628764	8.601	8.204
14)	L3 AR-1232-4	5.095	5.921	5780433	19949175	145.232	123.639
15)	L3 AR-1232-5	5.265	6.025	5113886	81253692	120.839	719.141 #
16)	L4 AR-1242-1	4.847	5.738	2513632	2628764	27.533	7.387 #
17)	L4 AR-1242-2	4.847	5.738	2513632	2628764	17.538	5.071 #
18)	L4 AR-1242-3	5.010	0.000	363589	0	5.144	N.D. #
19)	L4 AR-1242-4	5.095	5.921	5780433	19949175	82.638	76.190
20)	L4 AR-1242-5	5.611	6.670	141.6E6	91635107	1425.418	315.929 #
21)	L5 AR-1248-1	4.847	5.738	2513632	2628764	34.736	9.184 #
22)	L5 AR-1248-2	5.055	6.025	22174927	81253692	283.443	215.816
23)	L5 AR-1248-3	5.095	6.230	5780433	49376737	54.132	113.284 #
24)	L5 AR-1248-4	5.265	6.628	5113886	145.6E6	38.628	280.319 #
25)	L5 AR-1248-5	5.649	6.670	11100518	91635107	76.587	185.901 #
26)	L6 AR-1254-1	5.611	6.600	141.6E6	375.0E6	918.023	1029.455
27)	L6 AR-1254-2	5.754	6.815	181.1E6	713.6E6	1383.283	1249.268
28)	L6 AR-1254-3	6.152	7.181	383.0E6	944.5E6	1714.191	1514.881
29)	L6 AR-1254-4	6.377	7.463	235.1E6	762.9E6	1616.518	1684.541
30)	L6 AR-1254-5	6.788	7.877	459.8E6	1129.6E6	2414.718	2379.192
31)	L7 AR-1260-1	6.280	7.340	180.4E6	468.7E6	1237.633	1056.185
32)	L7 AR-1260-2	6.465	7.593	199.4E6	596.0E6	1083.226	1087.280
33)	L7 AR-1260-3	6.616	7.944	184.7E6	154.4E6	1115.032	368.262 #
34)	L7 AR-1260-4	7.080	8.170	41475388	489.1E6	298.370	1013.792 #
35)	L7 AR-1260-5	7.319	8.504	91899890	333.3E6	266.383	324.971
36)	L8 AR-1262-1	6.876	7.944	29169333	154.4E6	198.663	148.719 #
37)	L8 AR-1262-2	7.319	8.504	91899890	333.3E6	135.973	165.464
38)	L8 AR-1262-3	7.600	8.840	13698623	185.1E6	57.667	147.500 #
39)	L8 AR-1262-4	7.662	8.892	78430862	79059060	169.368	83.765 #
40)	L8 AR-1262-5	8.154	9.579	11463738	38256894	58.956	60.224
41)	L9 AR-1268-1	7.600	8.840	13698623	185.1E6	17.870	78.001 #

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 Acq On : 23 Jul 2019 11:42
 Operator : SM\AJ
 Sample : K3941-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

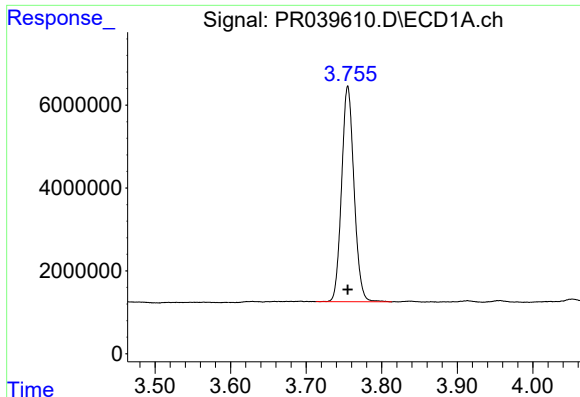
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 13:41:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
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 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	7.662	8.892	78430862	79059060	111.712	35.609 #
43) L9	AR-1268-3	7.865	9.144	6139111	17873694	11.047	9.932
44) L9	AR-1268-4	8.154	9.579	11463738	38256894	49.758	51.591
45) L9	AR-1268-5	8.443	9.997	14833857	46156484	8.705	7.890

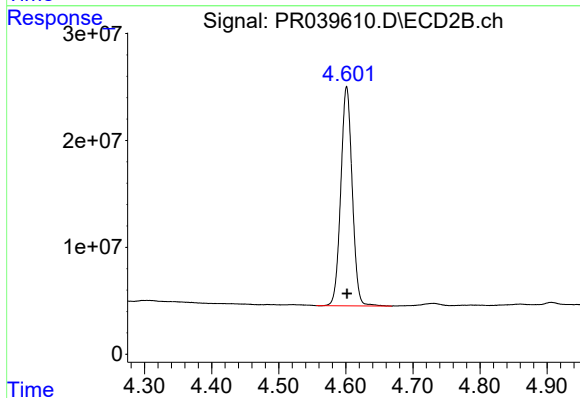
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

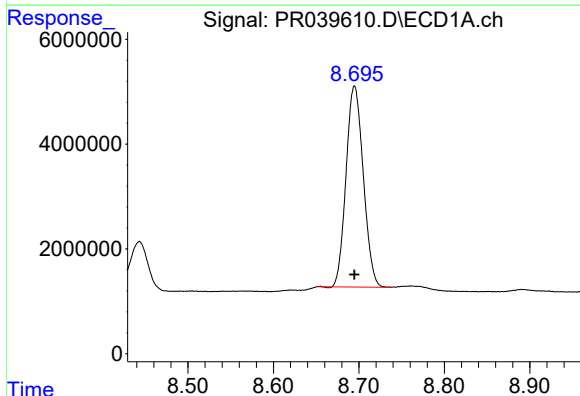
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 59530389
Conc: 24.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



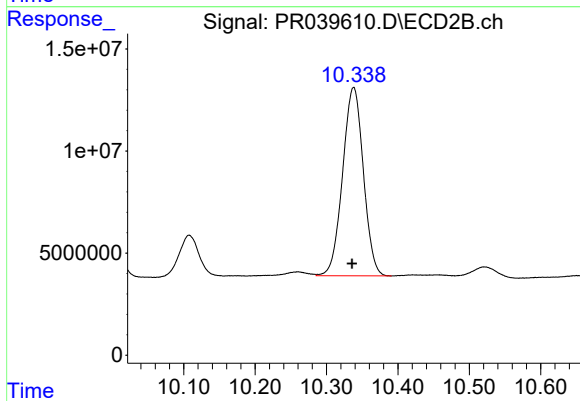
#1 Tetrachloro-m-xylene

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 242112989
Conc: 24.15 ng/ml



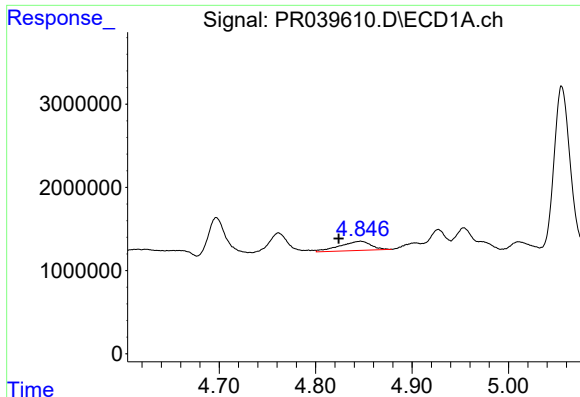
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 53753579
Conc: 21.63 ng/ml



#2 Decachlorobiphenyl

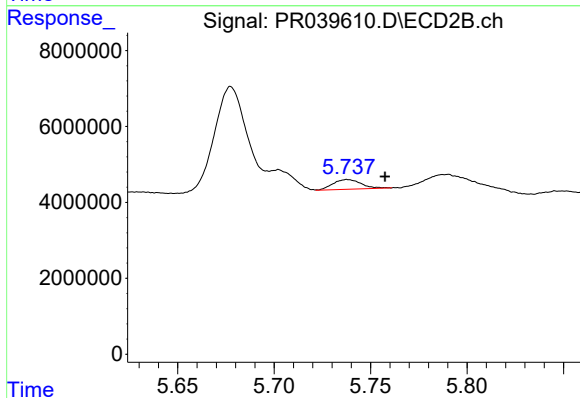
R.T.: 10.338 min
Delta R.T.: 0.002 min
Response: 186692744
Conc: 19.89 ng/ml



#3 AR-1016-1

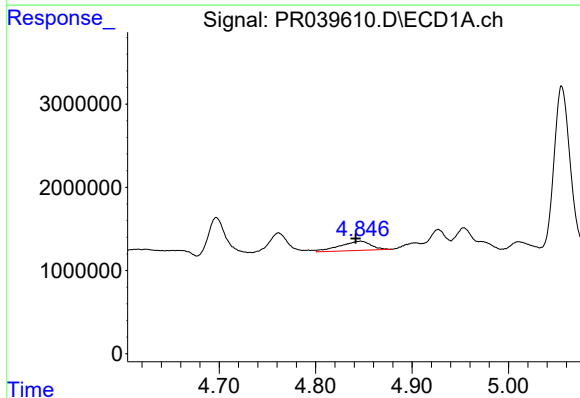
R.T.: 4.847 min
Delta R.T.: 0.023 min
Response: 2513632
Conc: 28.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



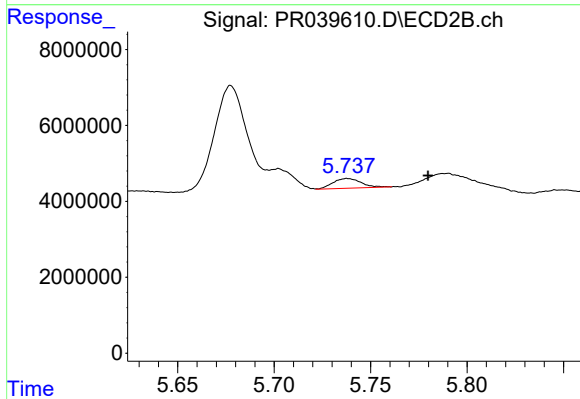
#3 AR-1016-1

R.T.: 5.738 min
Delta R.T.: -0.019 min
Response: 2628764
Conc: 7.27 ng/ml



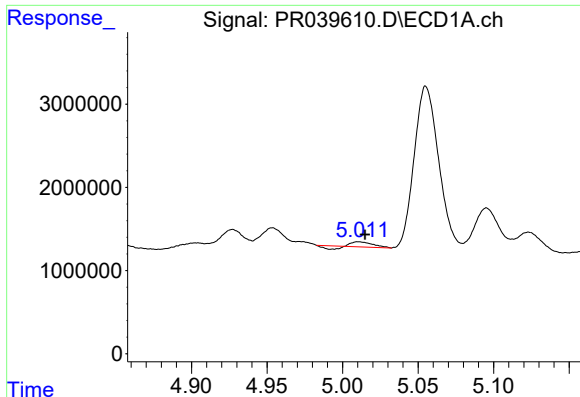
#4 AR-1016-2

R.T.: 4.847 min
Delta R.T.: 0.005 min
Response: 2513632
Conc: 17.35 ng/ml



#4 AR-1016-2

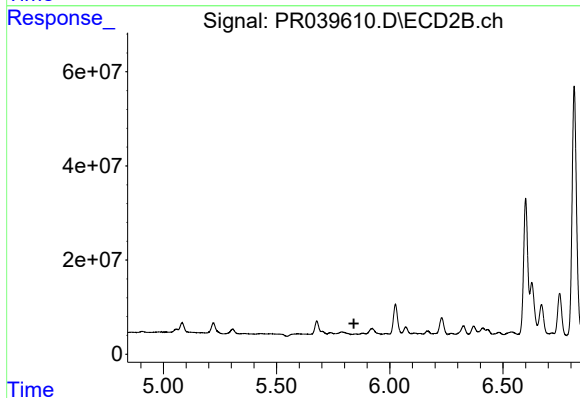
R.T.: 5.738 min
Delta R.T.: -0.042 min
Response: 2628764
Conc: 5.07 ng/ml



#5 AR-1016-3

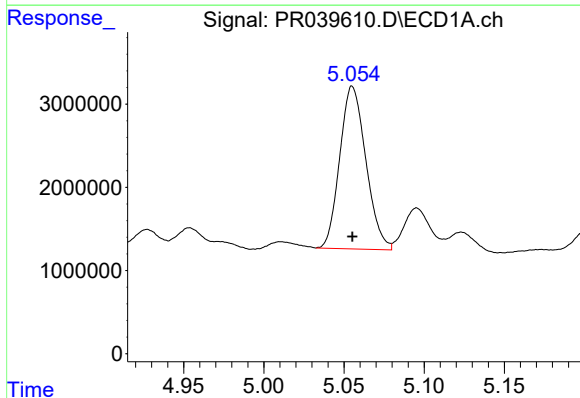
R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 363589
Conc: 5.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



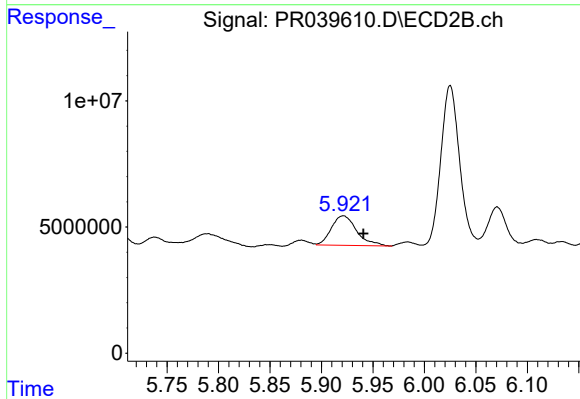
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.842 min
Response: 0
Conc: N.D.



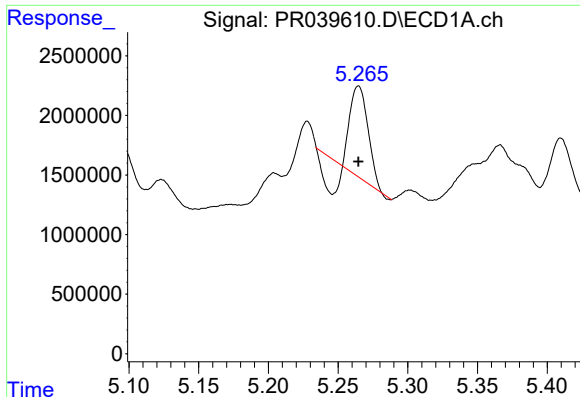
#6 AR-1016-4

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 22174927
Conc: 393.93 ng/ml



#6 AR-1016-4

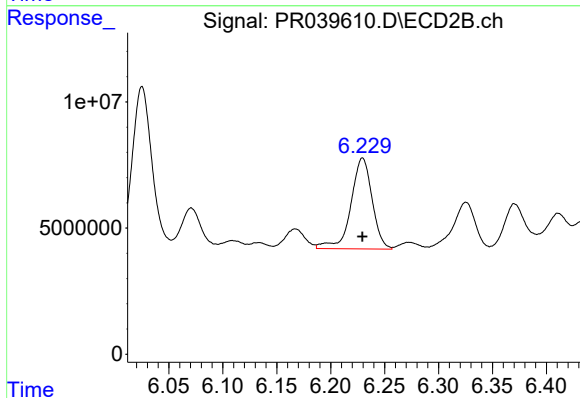
R.T.: 5.921 min
Delta R.T.: -0.019 min
Response: 19949175
Conc: 76.52 ng/ml



#7 AR-1016-5

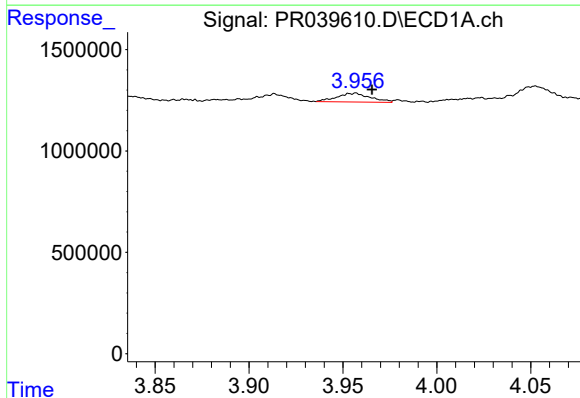
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 5113886
Conc: 68.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



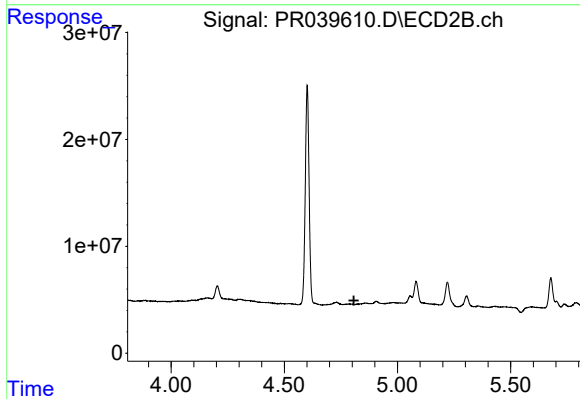
#7 AR-1016-5

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 49376737
Conc: 196.53 ng/ml



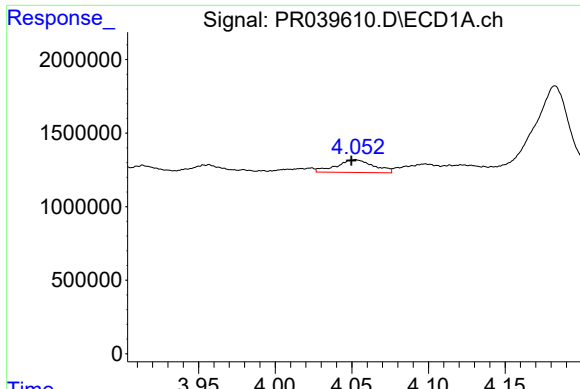
#8 AR-1221-1

R.T.: 3.957 min
Delta R.T.: -0.009 min
Response: 534105
Conc: 16.41 ng/ml



#8 AR-1221-1

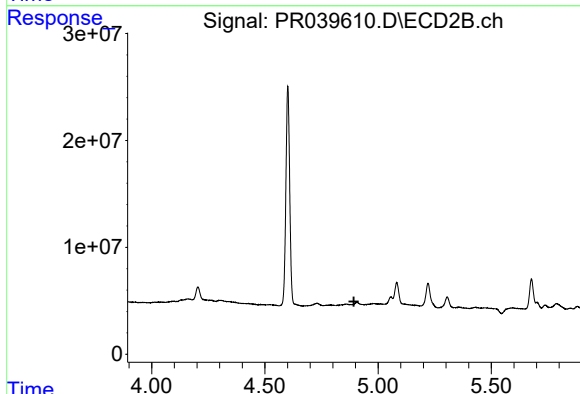
R.T.: 0.000 min
Exp R.T.: 4.808 min
Response: 0
Conc: N.D.



#9 AR-1221-2

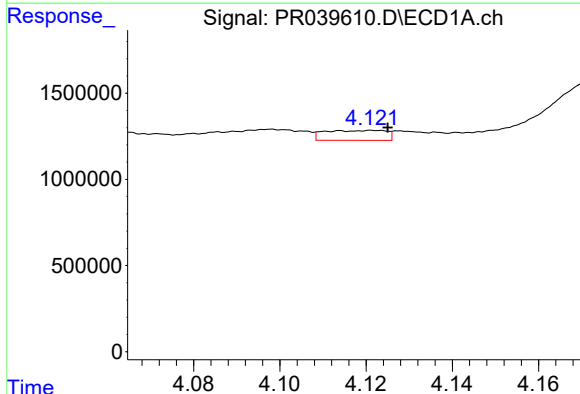
R.T.: 4.053 min
Delta R.T.: 0.003 min
Response: 1465745
Conc: 60.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



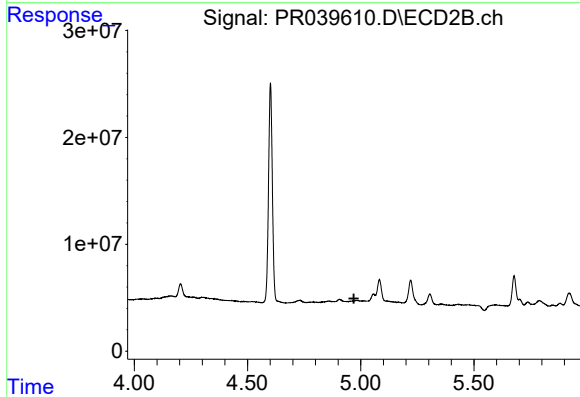
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.893 min
Response: 0
Conc: N.D.



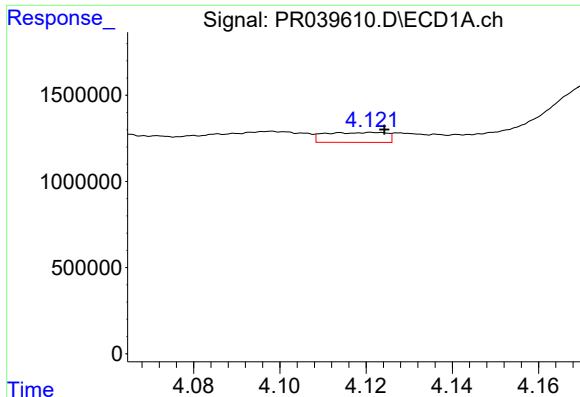
#10 AR-1221-3

R.T.: 4.121 min
Delta R.T.: -0.004 min
Response: 571974
Conc: 7.30 ng/ml



#10 AR-1221-3

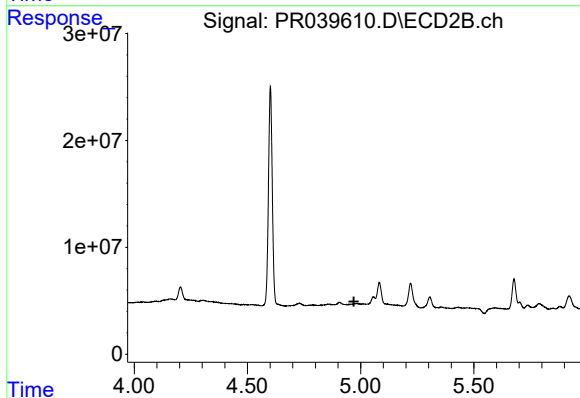
R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



#11 AR-1232-1

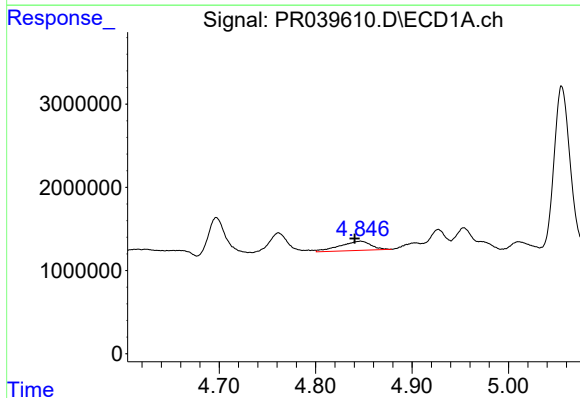
R.T.: 4.121 min
Delta R.T.: -0.003 min
Response: 571974
Conc: 7.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



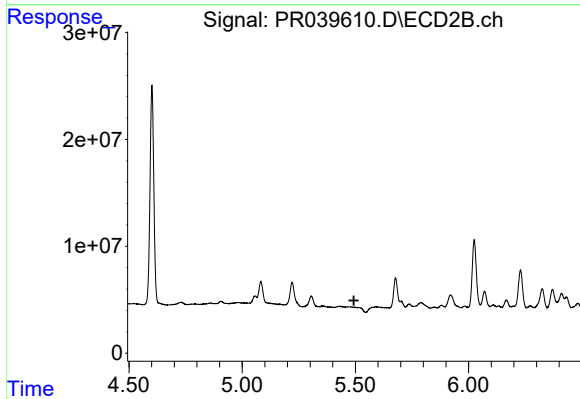
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



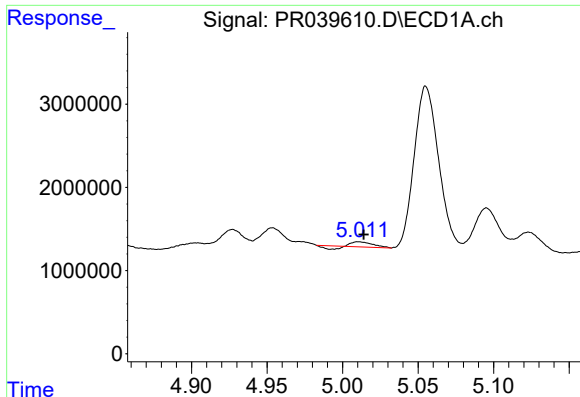
#12 AR-1232-2

R.T.: 4.847 min
Delta R.T.: 0.006 min
Response: 2513632
Conc: 26.74 ng/ml



#12 AR-1232-2

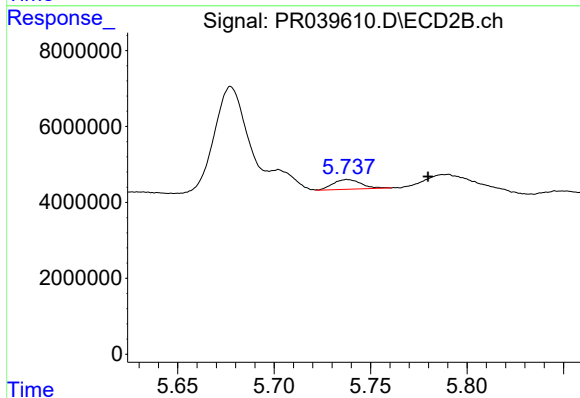
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.



#13 AR-1232-3

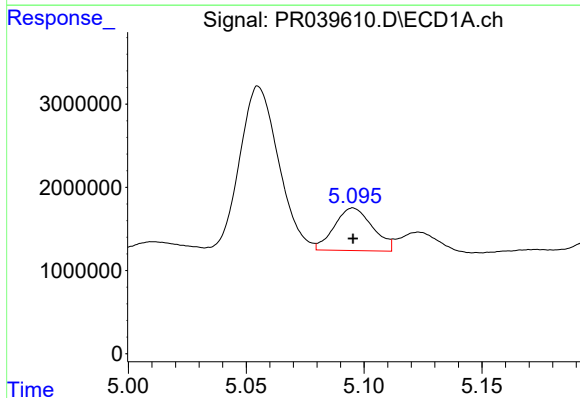
R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 363589
Conc: 8.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



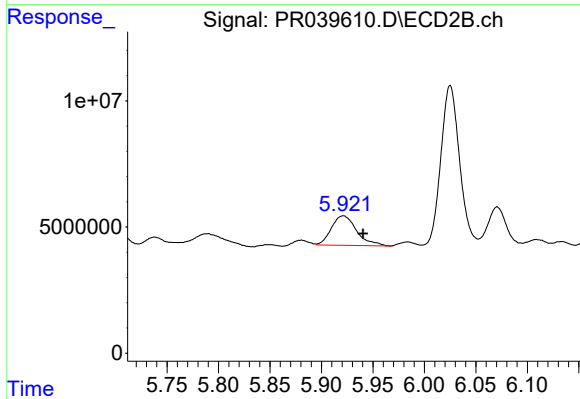
#13 AR-1232-3

R.T.: 5.738 min
Delta R.T.: -0.042 min
Response: 2628764
Conc: 8.20 ng/ml



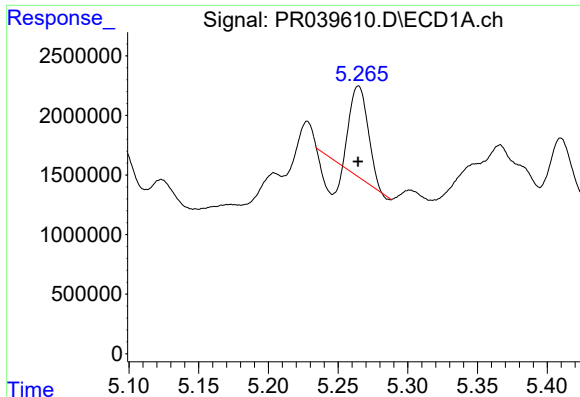
#14 AR-1232-4

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 5780433
Conc: 145.23 ng/ml



#14 AR-1232-4

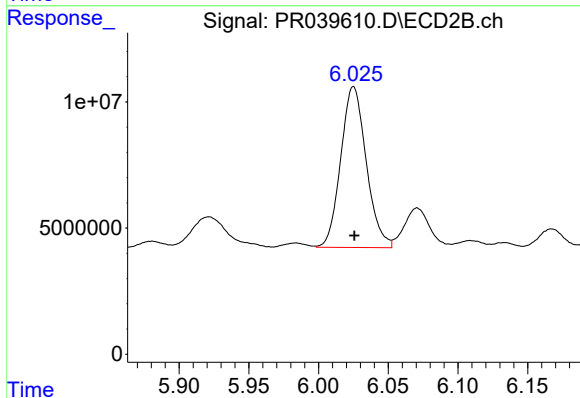
R.T.: 5.921 min
Delta R.T.: -0.019 min
Response: 19949175
Conc: 123.64 ng/ml



#15 AR-1232-5

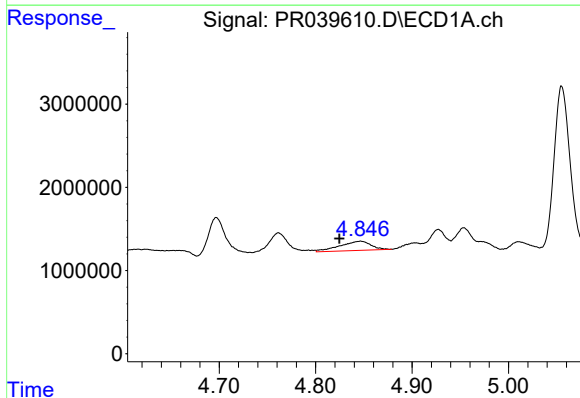
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 5113886
Conc: 120.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



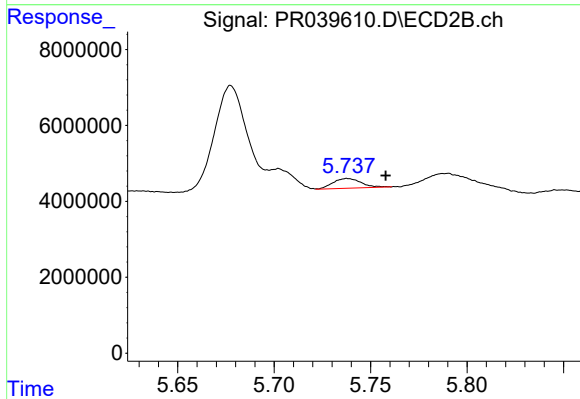
#15 AR-1232-5

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 81253692
Conc: 719.14 ng/ml



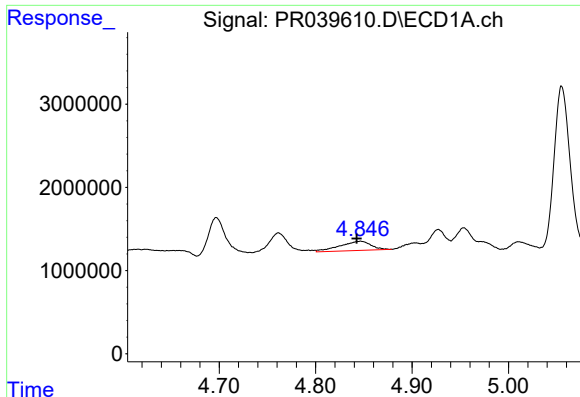
#16 AR-1242-1

R.T.: 4.847 min
Delta R.T.: 0.022 min
Response: 2513632
Conc: 27.53 ng/ml



#16 AR-1242-1

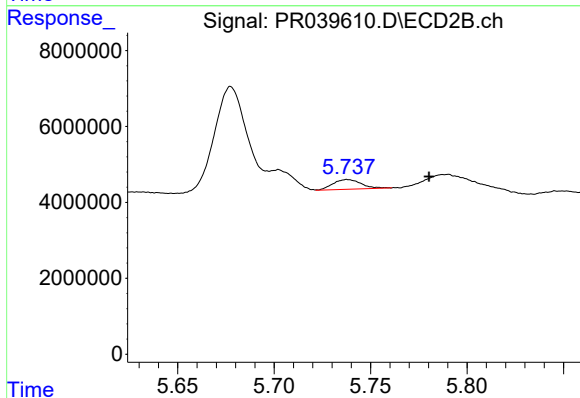
R.T.: 5.738 min
Delta R.T.: -0.020 min
Response: 2628764
Conc: 7.39 ng/ml



#17 AR-1242-2

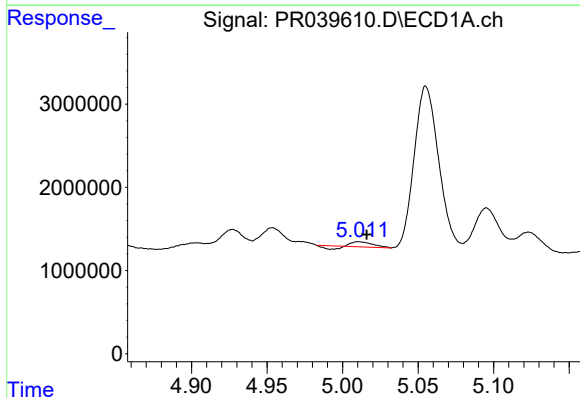
R.T.: 4.847 min
Delta R.T.: 0.004 min
Response: 2513632
Conc: 17.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



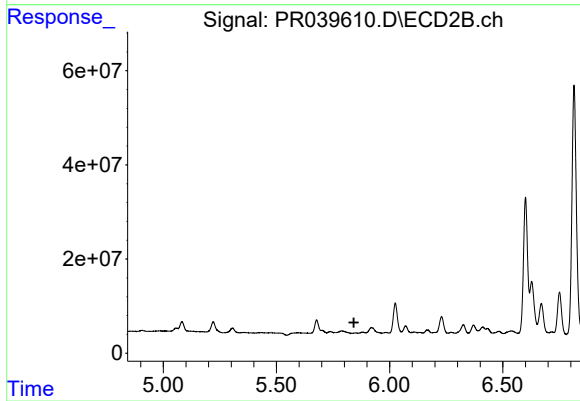
#17 AR-1242-2

R.T.: 5.738 min
Delta R.T.: -0.042 min
Response: 2628764
Conc: 5.07 ng/ml



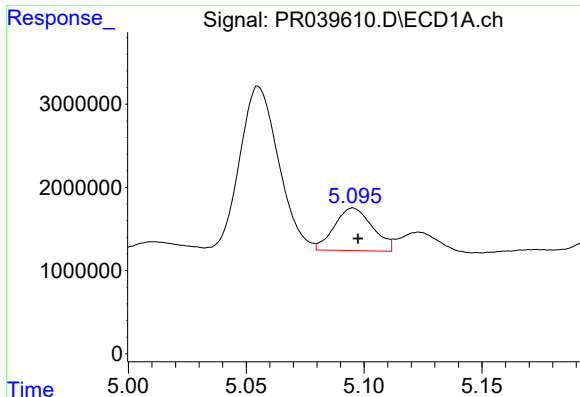
#18 AR-1242-3

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 363589
Conc: 5.14 ng/ml



#18 AR-1242-3

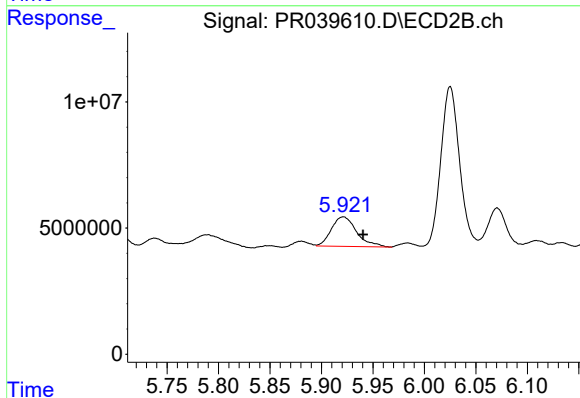
R.T.: 0.000 min
Exp R.T.: 5.842 min
Response: 0
Conc: N.D.



#19 AR-1242-4

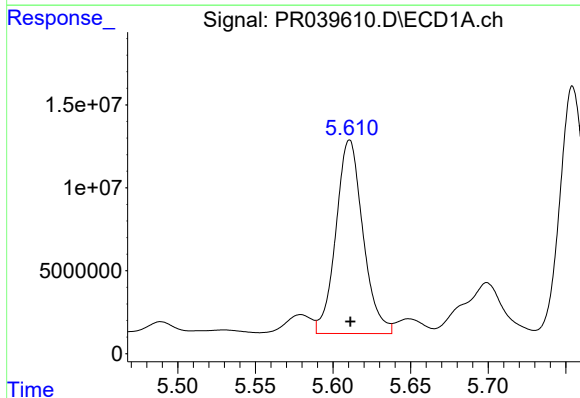
R.T.: 5.095 min
Delta R.T.: -0.002 min
Response: 5780433
Conc: 82.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



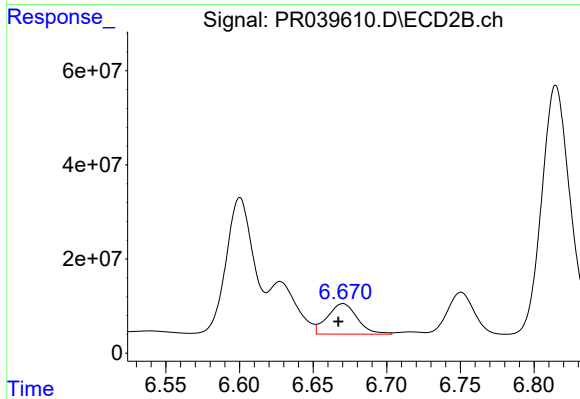
#19 AR-1242-4

R.T.: 5.921 min
Delta R.T.: -0.019 min
Response: 19949175
Conc: 76.19 ng/ml



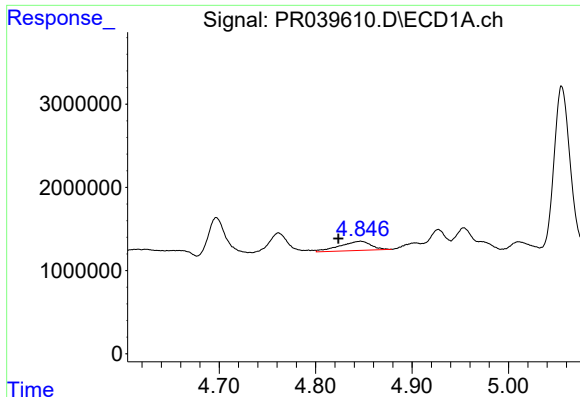
#20 AR-1242-5

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 141586846
Conc: 1425.42 ng/ml



#20 AR-1242-5

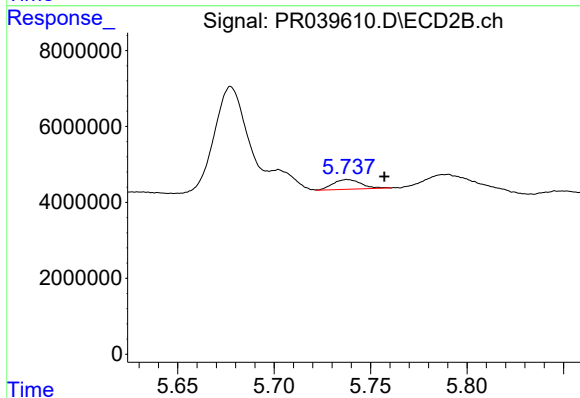
R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 91635107
Conc: 315.93 ng/ml



#21 AR-1248-1

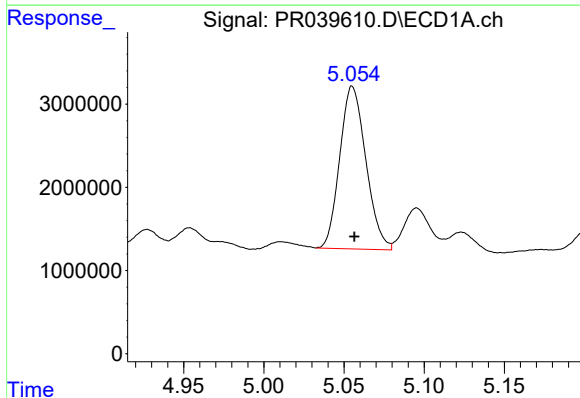
R.T.: 4.847 min
Delta R.T.: 0.023 min
Response: 2513632
Conc: 34.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



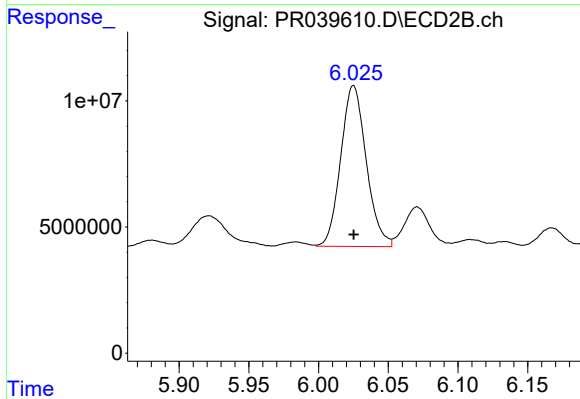
#21 AR-1248-1

R.T.: 5.738 min
Delta R.T.: -0.019 min
Response: 2628764
Conc: 9.18 ng/ml



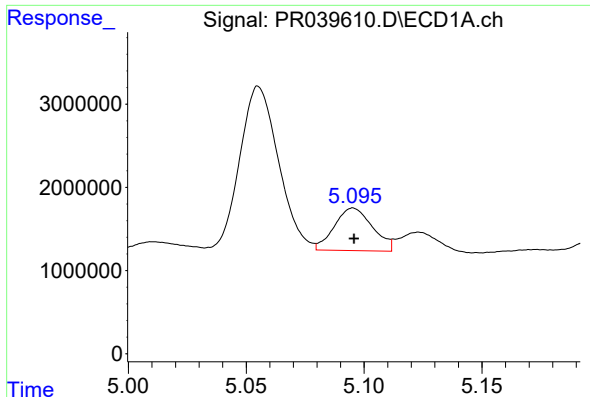
#22 AR-1248-2

R.T.: 5.055 min
Delta R.T.: -0.001 min
Response: 22174927
Conc: 283.44 ng/ml



#22 AR-1248-2

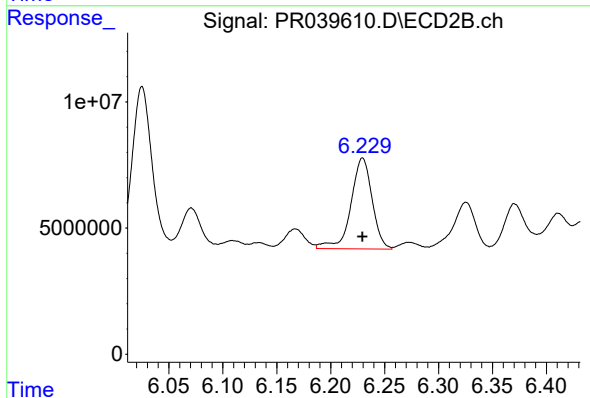
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 81253692
Conc: 215.82 ng/ml



#23 AR-1248-3

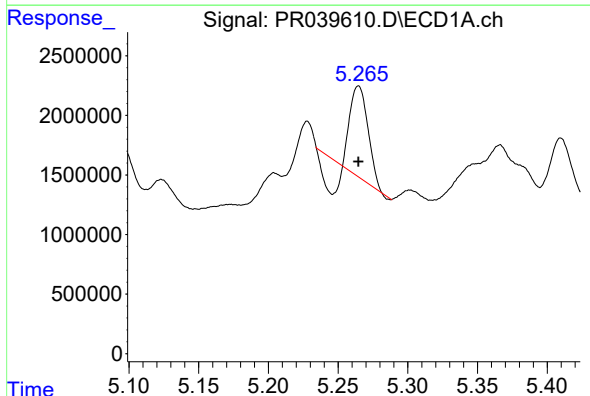
R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 5780433
Conc: 54.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



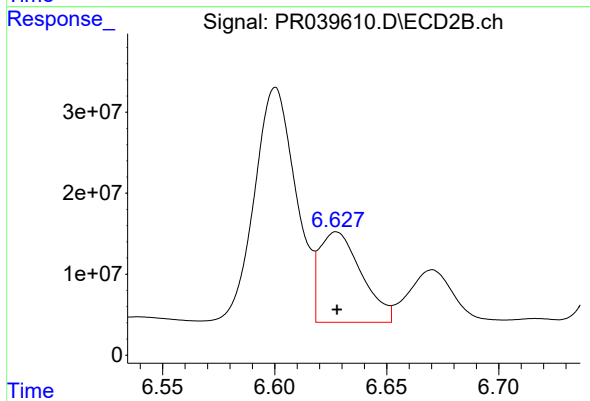
#23 AR-1248-3

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 49376737
Conc: 113.28 ng/ml



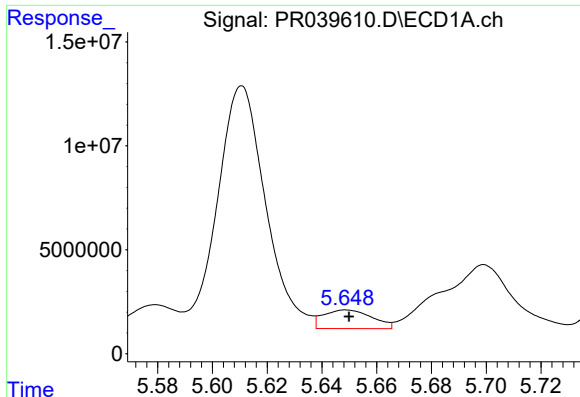
#24 AR-1248-4

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 5113886
Conc: 38.63 ng/ml



#24 AR-1248-4

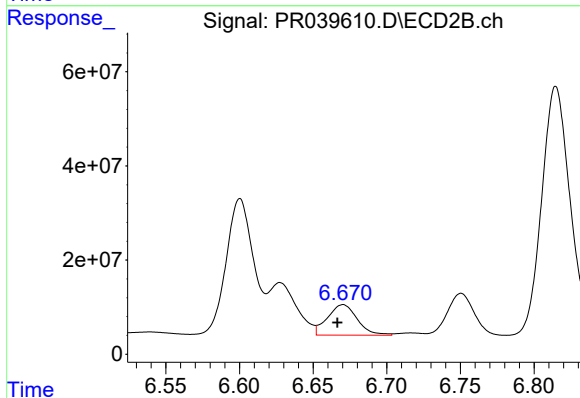
R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 145602884
Conc: 280.32 ng/ml



#25 AR-1248-5

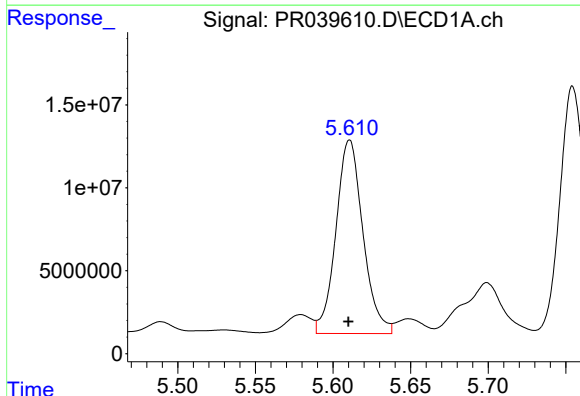
R.T.: 5.649 min
Delta R.T.: -0.001 min
Response: 11100518
Conc: 76.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



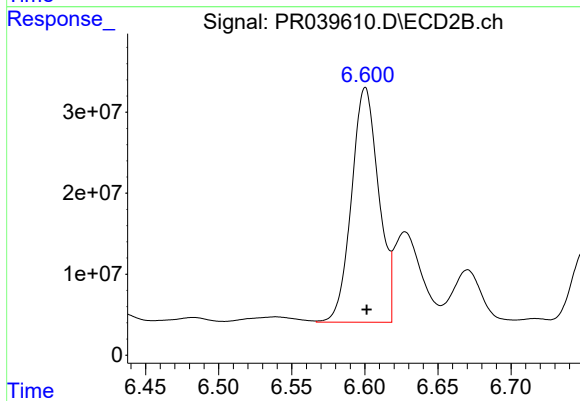
#25 AR-1248-5

R.T.: 6.670 min
Delta R.T.: 0.004 min
Response: 91635107
Conc: 185.90 ng/ml



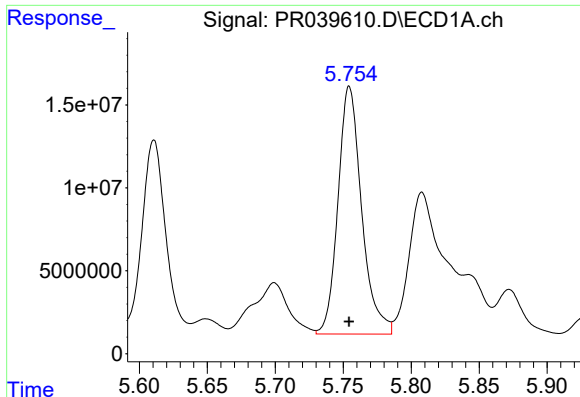
#26 AR-1254-1

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 141586846
Conc: 918.02 ng/ml



#26 AR-1254-1

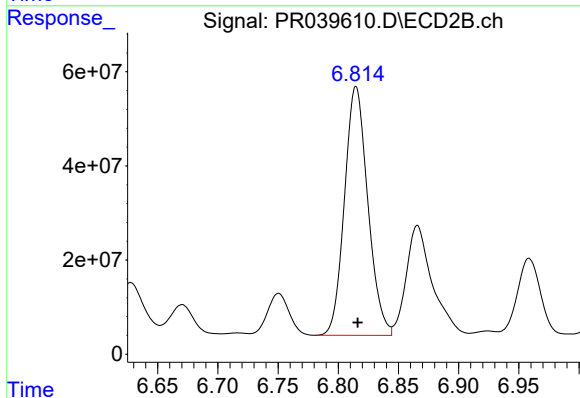
R.T.: 6.600 min
Delta R.T.: -0.001 min
Response: 374976358
Conc: 1029.46 ng/ml



#27 AR-1254-2

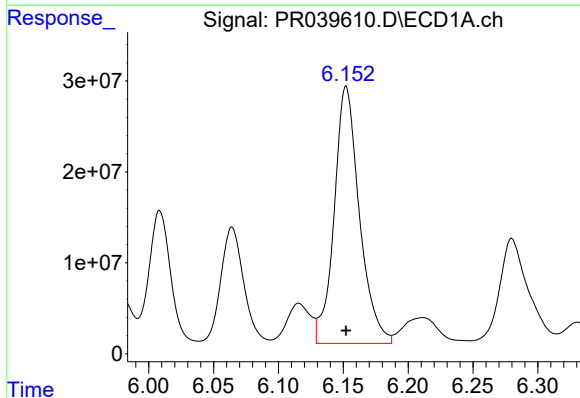
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 181117022
Conc: 1383.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



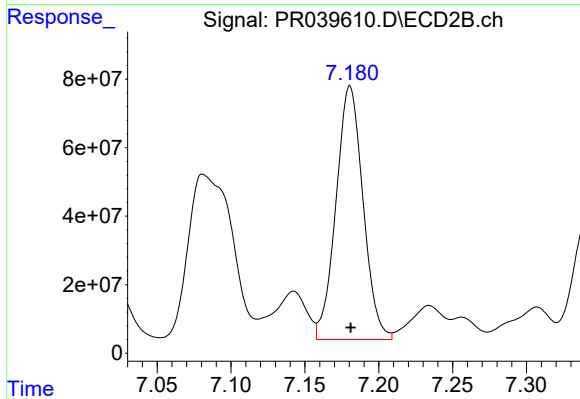
#27 AR-1254-2

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 713562412
Conc: 1249.27 ng/ml



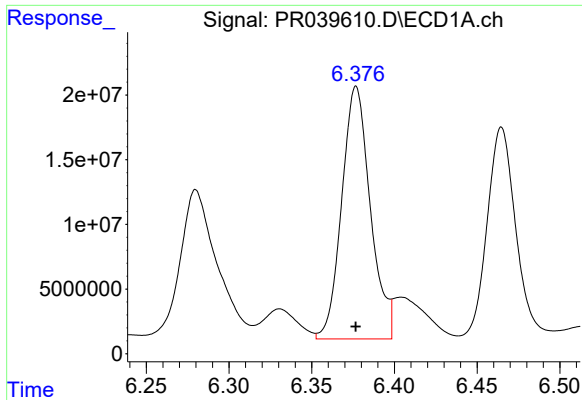
#28 AR-1254-3

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 383000733
Conc: 1714.19 ng/ml



#28 AR-1254-3

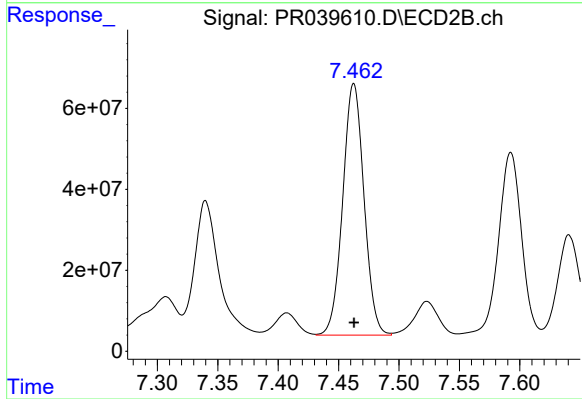
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 944524182
Conc: 1514.88 ng/ml



#29 AR-1254-4

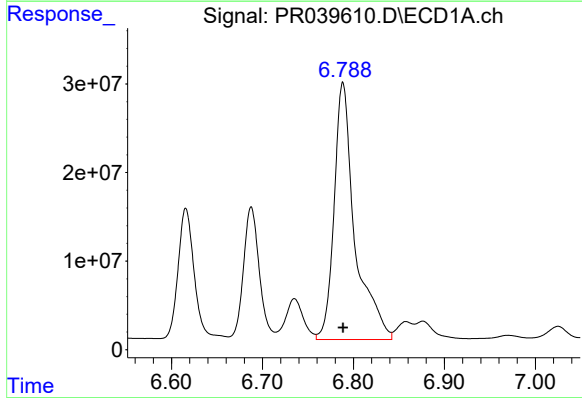
R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 235069758
Conc: 1616.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



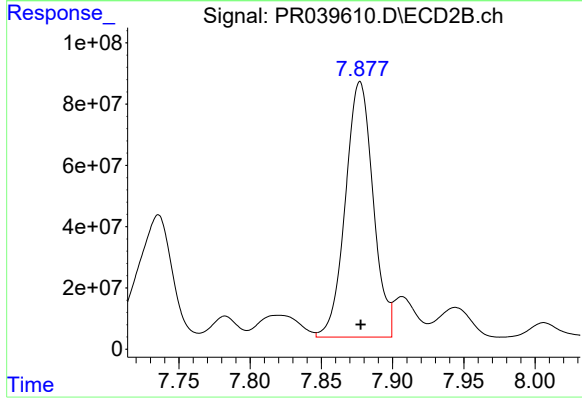
#29 AR-1254-4

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 762914746
Conc: 1684.54 ng/ml



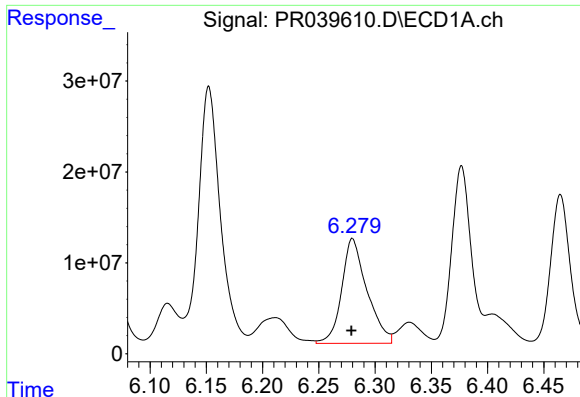
#30 AR-1254-5

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 459800656
Conc: 2414.72 ng/ml



#30 AR-1254-5

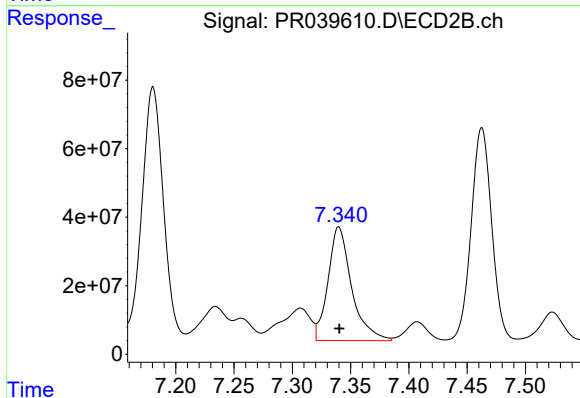
R.T.: 7.877 min
Delta R.T.: 0.000 min
Response: 1129646339
Conc: 2379.19 ng/ml



#31 AR-1260-1

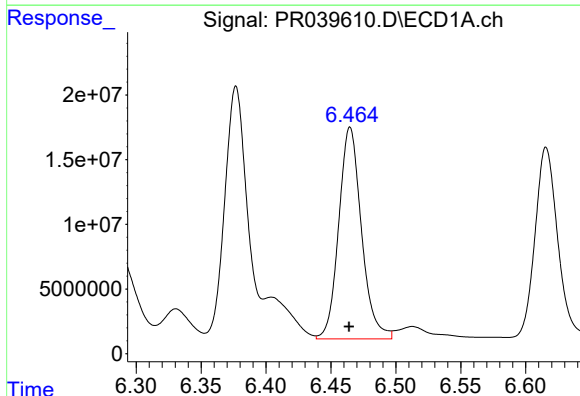
R.T.: 6.280 min
Delta R.T.: 0.001 min
Response: 180361579
Conc: 1237.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



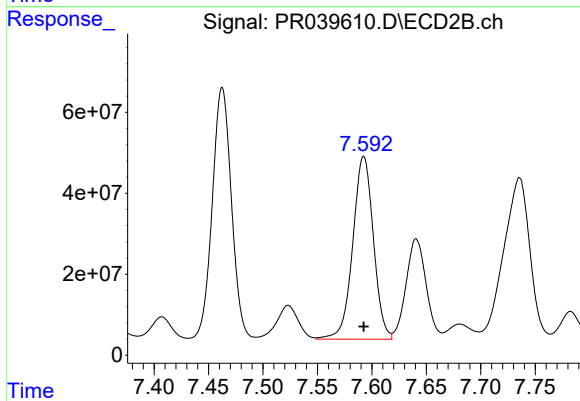
#31 AR-1260-1

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 468650482
Conc: 1056.19 ng/ml



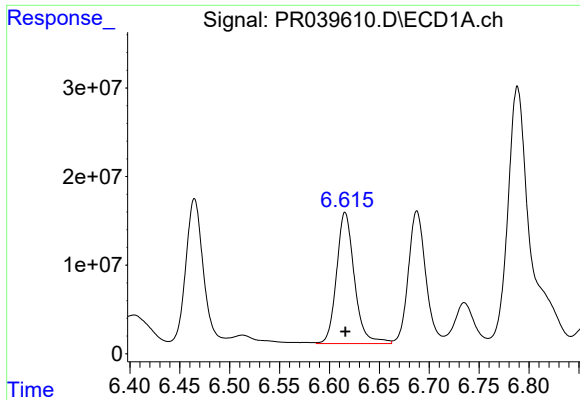
#32 AR-1260-2

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 199436727
Conc: 1083.23 ng/ml



#32 AR-1260-2

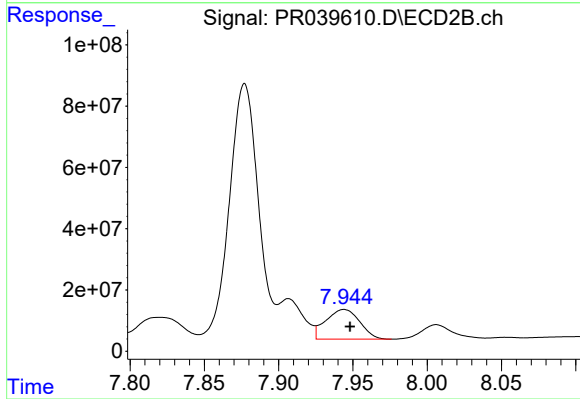
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 596004845
Conc: 1087.28 ng/ml



#33 AR-1260-3

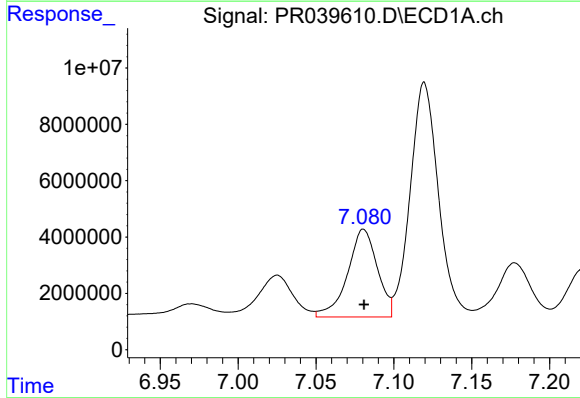
R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 184724842
Conc: 1115.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



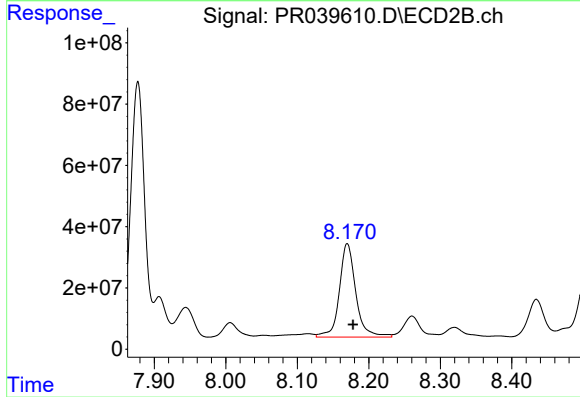
#33 AR-1260-3

R.T.: 7.944 min
Delta R.T.: -0.004 min
Response: 154389922
Conc: 368.26 ng/ml



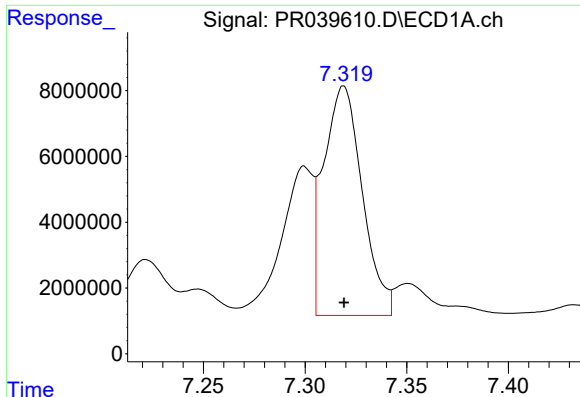
#34 AR-1260-4

R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 41475388
Conc: 298.37 ng/ml



#34 AR-1260-4

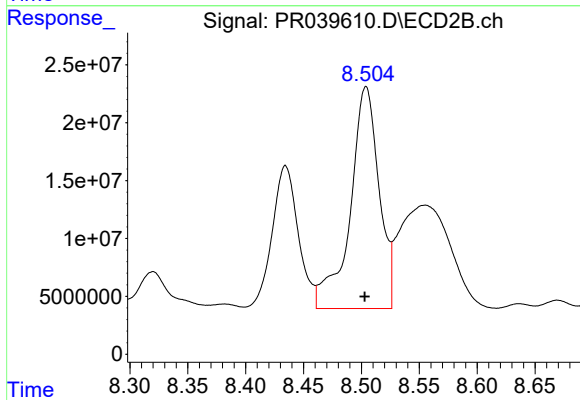
R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 489146762
Conc: 1013.79 ng/ml



#35 AR-1260-5

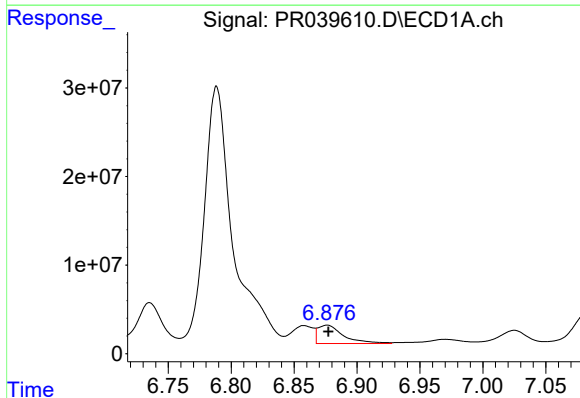
R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 91899890
Conc: 266.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



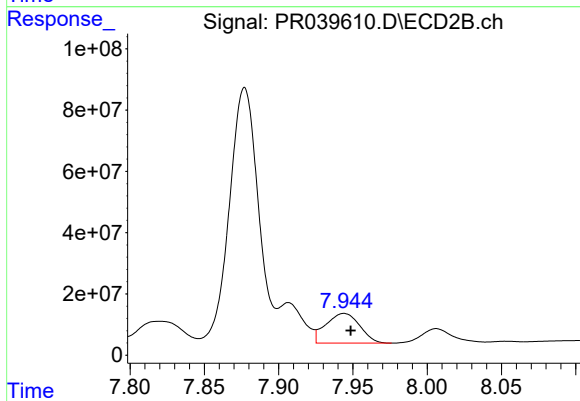
#35 AR-1260-5

R.T.: 8.504 min
Delta R.T.: 0.001 min
Response: 333315282
Conc: 324.97 ng/ml



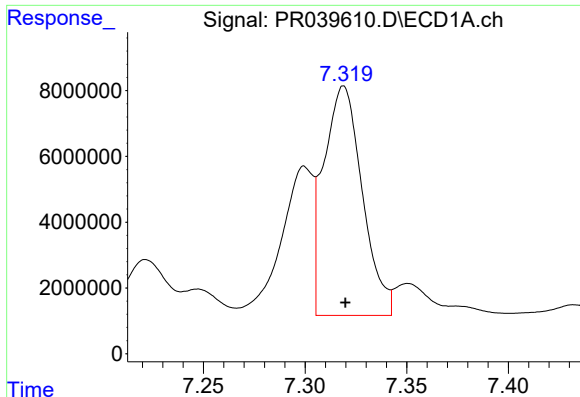
#36 AR-1262-1

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 29169333
Conc: 198.66 ng/ml



#36 AR-1262-1

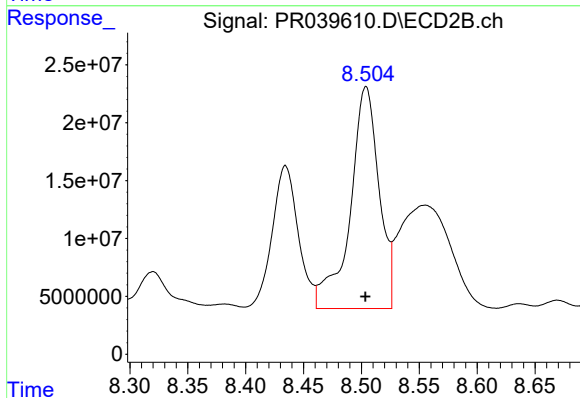
R.T.: 7.944 min
Delta R.T.: -0.004 min
Response: 154389922
Conc: 148.72 ng/ml



#37 AR-1262-2

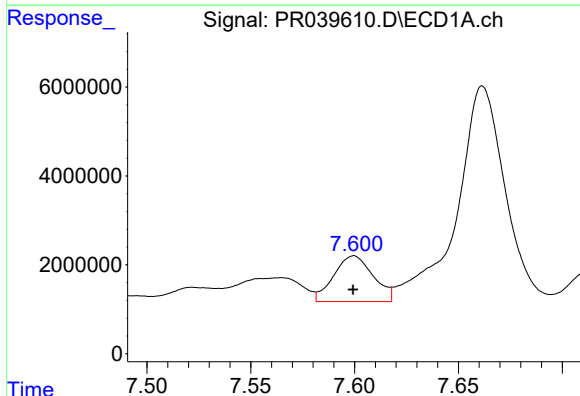
R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 91899890
Conc: 135.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



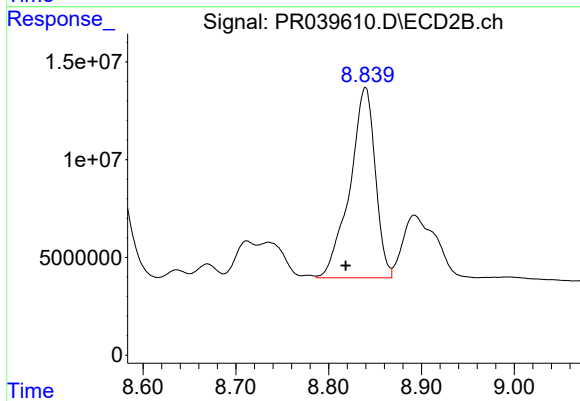
#37 AR-1262-2

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 333315282
Conc: 165.46 ng/ml



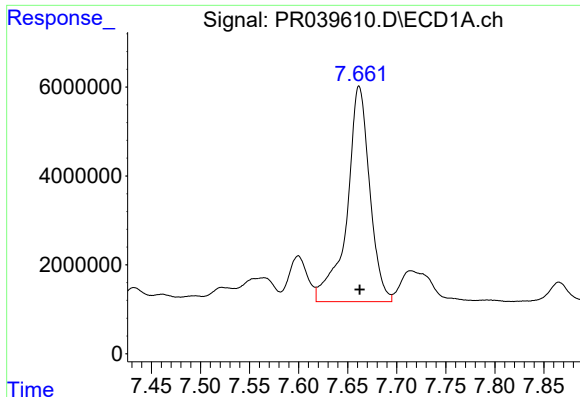
#38 AR-1262-3

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 13698623
Conc: 57.67 ng/ml



#38 AR-1262-3

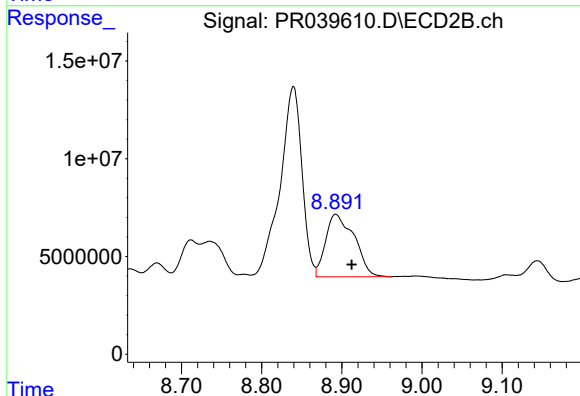
R.T.: 8.840 min
Delta R.T.: 0.021 min
Response: 185084955
Conc: 147.50 ng/ml



#39 AR-1262-4

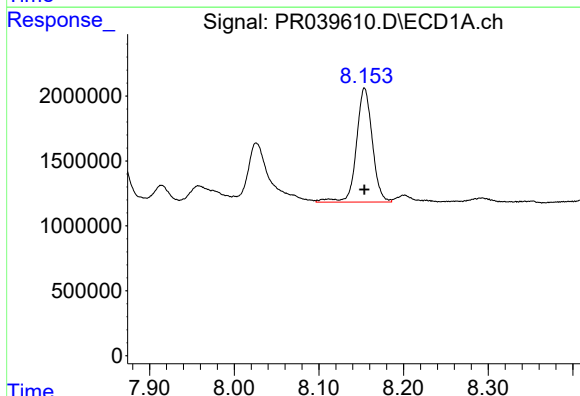
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 78430862
Conc: 169.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



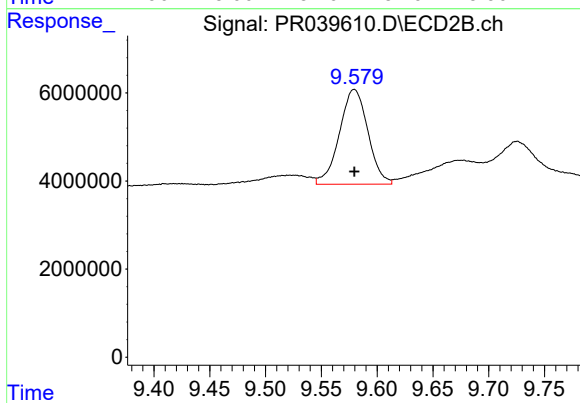
#39 AR-1262-4

R.T.: 8.892 min
Delta R.T.: -0.020 min
Response: 79059060
Conc: 83.76 ng/ml



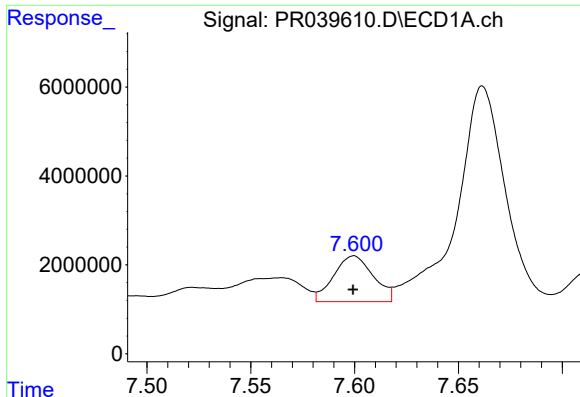
#40 AR-1262-5

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 11463738
Conc: 58.96 ng/ml



#40 AR-1262-5

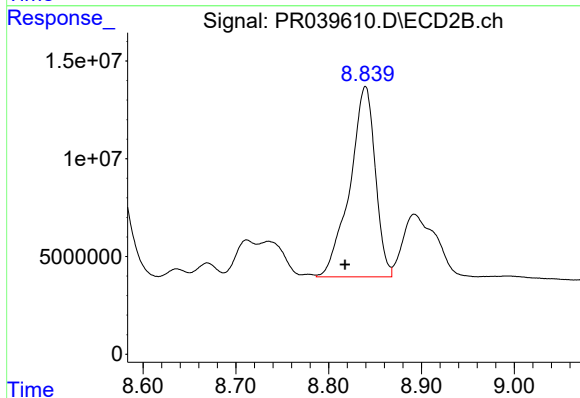
R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 38256894
Conc: 60.22 ng/ml



#41 AR-1268-1

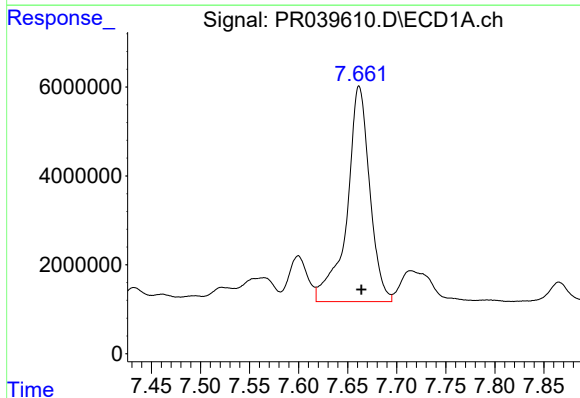
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 13698623
Conc: 17.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



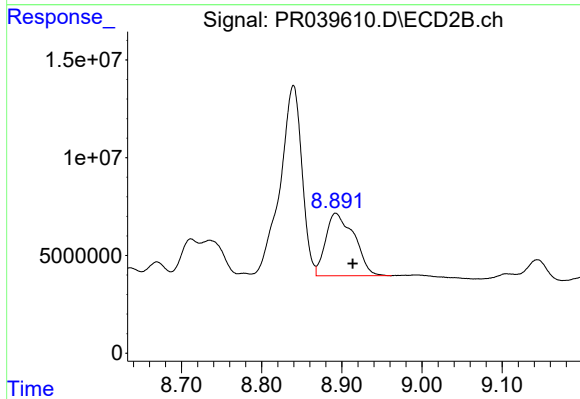
#41 AR-1268-1

R.T.: 8.840 min
Delta R.T.: 0.022 min
Response: 185084955
Conc: 78.00 ng/ml



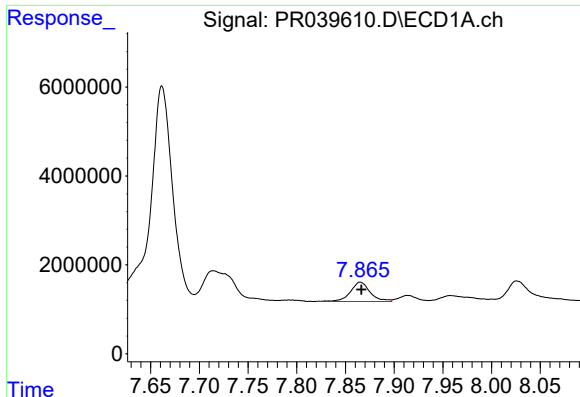
#42 AR-1268-2

R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 78430862
Conc: 111.71 ng/ml



#42 AR-1268-2

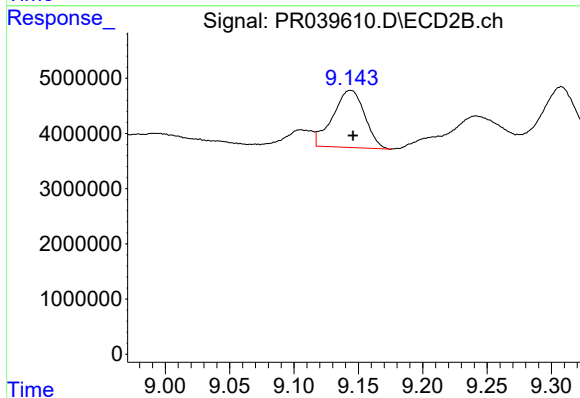
R.T.: 8.892 min
Delta R.T.: -0.021 min
Response: 79059060
Conc: 35.61 ng/ml



#43 AR-1268-3

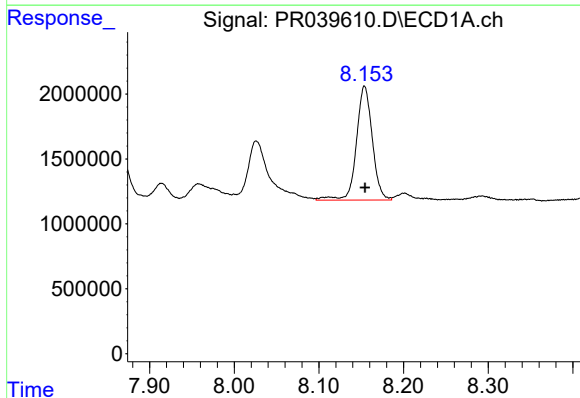
R.T.: 7.865 min
Delta R.T.: -0.001 min
Response: 6139111
Conc: 11.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



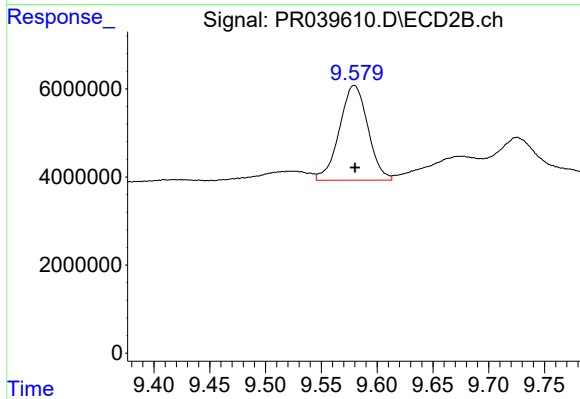
#43 AR-1268-3

R.T.: 9.144 min
Delta R.T.: -0.002 min
Response: 17873694
Conc: 9.93 ng/ml



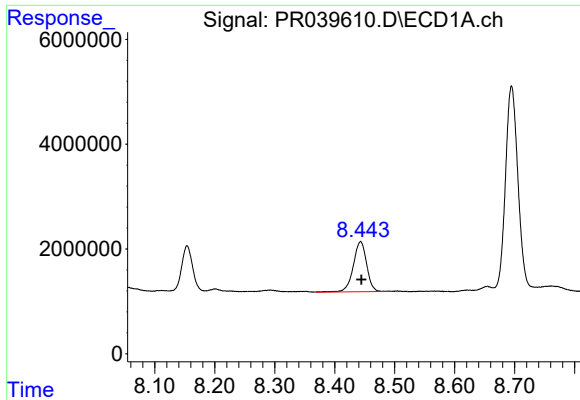
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 11463738
Conc: 49.76 ng/ml



#44 AR-1268-4

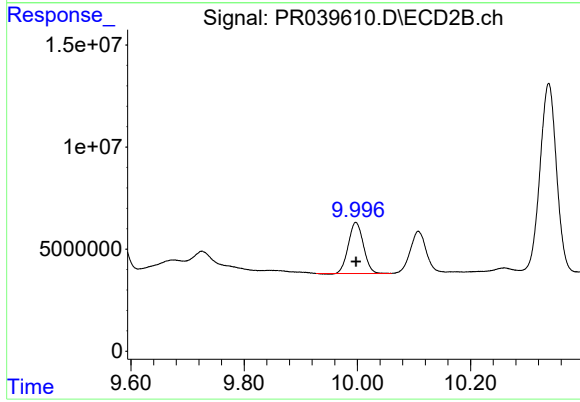
R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 38256894
Conc: 51.59 ng/ml



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: -0.001 min
Response: 14833857
Conc: 8.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 46156484
Conc: 7.89 ng/ml