

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092923\
 Data File : PR063746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 21:23
 Operator : YP\AJ
 Sample : AR1660CCC400
 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: Sep 30 05:43:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 13 07:34:49 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.665	2.880	130.9E6	70834866	20.176	20.720
2)	SA Decachlor...	9.660	8.169	147.4E6	117.7E6	39.795	39.396
Target Compounds							
3)	L1 AR-1016-1	4.904	4.020	78538159	68365490	402.011	607.318 #
4)	L1 AR-1016-2	4.926	4.020	116.0E6	68365490	411.662	402.405
5)	L1 AR-1016-3	4.991	4.200	70595372	35172552	420.182	404.640
6)	L1 AR-1016-4	5.095	4.252	56732056	27854851	413.346	411.871
7)	L1 AR-1016-5	5.413	4.470	55940372	34561853	419.188	399.093
8)	L2 AR-1221-1	3.887	3.106	7089024	4158696	97.668	112.308
9)	L2 AR-1221-2	3.981	3.193	11191340	5310000	238.429	205.924
10)	L2 AR-1221-3	4.059	3.269	45033512	25363987	279.104	264.720
11)	L3 AR-1232-1	4.059	3.269	45033512	25363987	332.002	318.277
12)	L3 AR-1232-2	4.616	4.020	58790880	68365490	928.379	913.629
13)	L3 AR-1232-3	4.926	4.200	116.0E6	35172552	921.889	934.194
14)	L3 AR-1232-4	5.095	4.293	56732056	31936617	936.355	1006.552
15)	L3 AR-1232-5	5.200	4.470	45279276	34561853	1046.770	958.520
16)	L4 AR-1242-1	4.904	4.003	78538159	45594197	471.096	477.595
17)	L4 AR-1242-2	4.926	4.020	116.0E6	68365490	486.068	478.764
18)	L4 AR-1242-3	4.991	4.200	70595372	35172552	497.198	480.153
19)	L4 AR-1242-4	5.095	4.293	56732056	31936617	484.047	466.930
20)	L4 AR-1242-5	5.891	4.842	15124491	34961272	130.427	399.668 #
21)	L5 AR-1248-1	4.904	4.003	78538159	45594197	607.408	610.419
22)	L5 AR-1248-2	5.200	4.252	45279276	27854851	267.011	260.937
23)	L5 AR-1248-3	5.413	4.293	55940372	31936617	277.190	300.290
24)	L5 AR-1248-4	5.851	4.470	17086833	34561853	78.424	266.034 #
25)	L5 AR-1248-5	5.891	4.885	15124491	8151216	71.880	63.413
26)	L6 AR-1254-1	5.821	4.842	48745016	34961272	222.146	177.076
27)	L6 AR-1254-2	6.062	5.003	42152533	25325955	127.202	149.831
28)	L6 AR-1254-3	6.456	5.447	19721029	48810906	58.539	179.803 #
29)	L6 AR-1254-4	6.768	5.677	10840558	3725451	46.775	22.206 #
30)	L6 AR-1254-5	7.228	6.123	126.3E6	97264386	517.046	418.251
31)	L7 AR-1260-1	6.637	5.569	102.2E6	74703738	425.261	421.080
32)	L7 AR-1260-2	6.923	5.776	117.5E6	90328369	428.264	424.339
33)	L7 AR-1260-3	7.316	5.935	81885504	80804656	428.224	405.685
34)	L7 AR-1260-4	7.561	6.444	89070315	68633539	407.349	419.142
35)	L7 AR-1260-5	7.902	6.713	171.7E6	163.7E6	396.708	413.661
36)	L8 AR-1262-1	7.316	6.169	81885504	73196942	268.776	289.449
37)	L8 AR-1262-2	7.902	6.713	171.7E6	163.7E6	334.913	357.028
38)	L8 AR-1262-3	8.221	7.019	101.1E6	32722480	302.723	183.905 #
39)	L8 AR-1262-4	8.301	7.086	26471163	116.5E6	106.350	346.202 #
40)	L8 AR-1262-5	8.943	7.630	43561485	34545510	244.030	228.956
41)	L9 AR-1268-1	8.221	7.019	101.1E6	32722480	168.396	60.624 #

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 Acq On : 29 Sep 2023 21:23
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

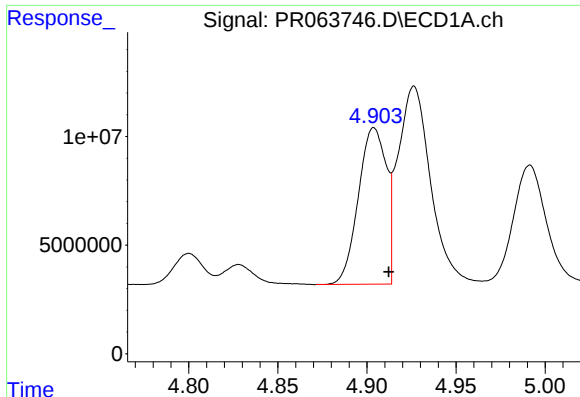
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 05:43:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091223CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.301	7.086	26471163	116.5E6	48.714	237.303 #
43) L9	AR-1268-3	8.524	7.310	2280793	1803654	4.870	4.339
44) L9	AR-1268-4	8.943	7.630	43561485	34545510	217.679	203.866
45) L9	AR-1268-5	9.341	7.926	11046586	8948847	7.191	6.666

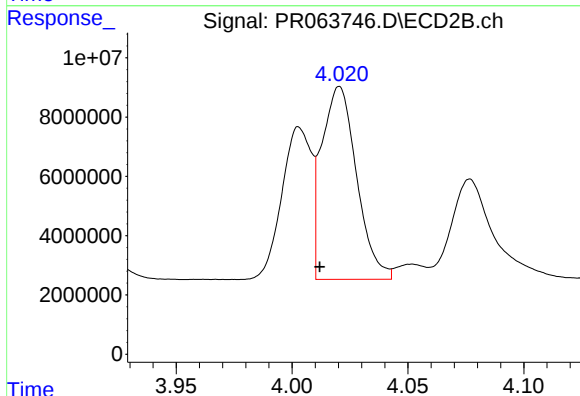
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

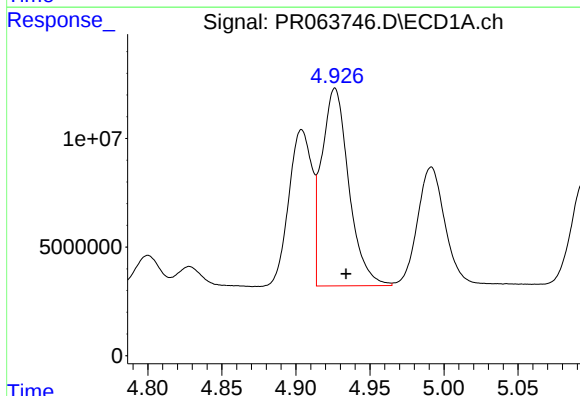
R.T.: 4.904 min
Delta R.T.: -0.008 min
Response: 78538159
Conc: 402.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



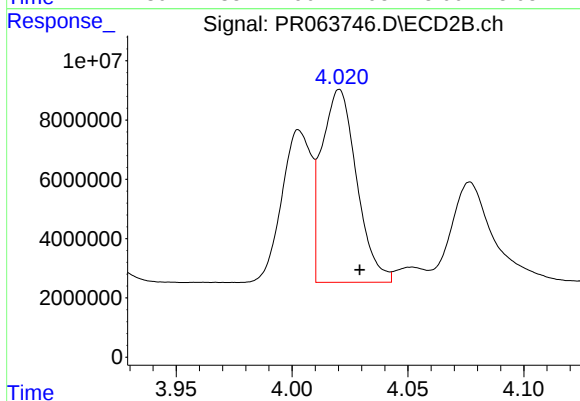
#3 AR-1016-1

R.T.: 4.020 min
Delta R.T.: 0.009 min
Response: 68365490
Conc: 607.32 ng/ml



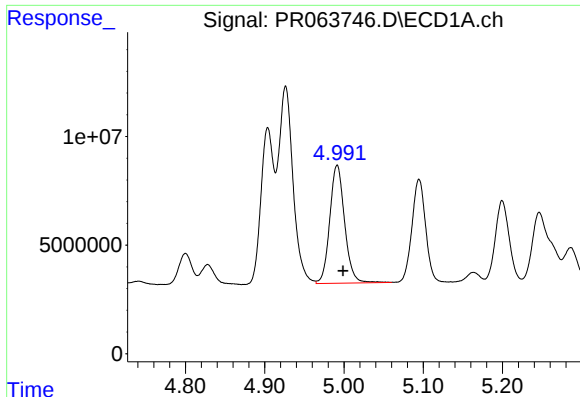
#4 AR-1016-2

R.T.: 4.926 min
Delta R.T.: -0.008 min
Response: 115982538
Conc: 411.66 ng/ml



#4 AR-1016-2

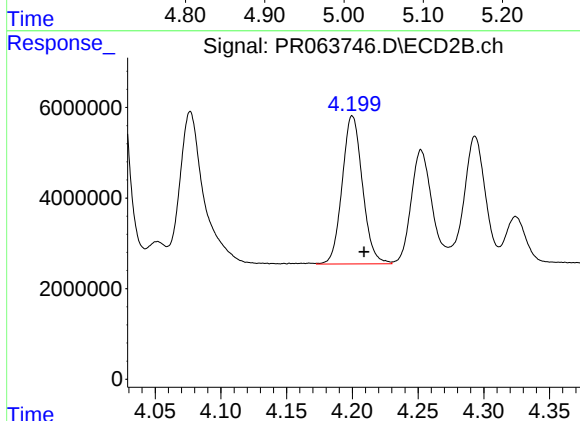
R.T.: 4.020 min
Delta R.T.: -0.009 min
Response: 68365490
Conc: 402.41 ng/ml



#5 AR-1016-3

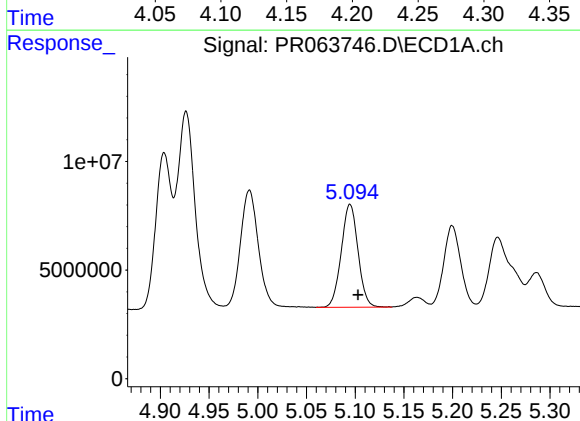
R.T.: 4.991 min
Delta R.T.: -0.007 min
Response: 70595372
Conc: 420.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



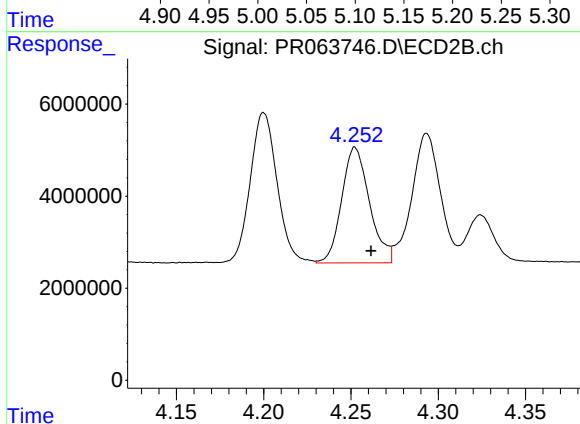
#5 AR-1016-3

R.T.: 4.200 min
Delta R.T.: -0.009 min
Response: 35172552
Conc: 404.64 ng/ml



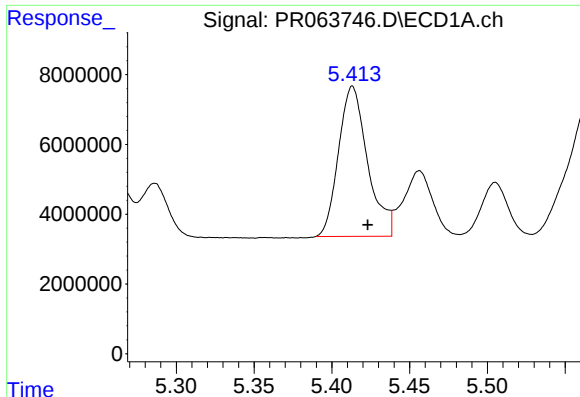
#6 AR-1016-4

R.T.: 5.095 min
Delta R.T.: -0.008 min
Response: 56732056
Conc: 413.35 ng/ml



#6 AR-1016-4

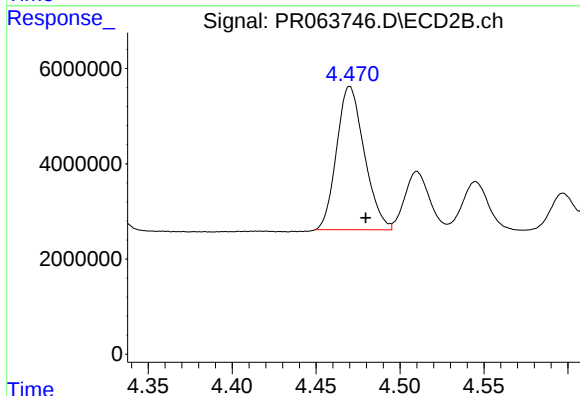
R.T.: 4.252 min
Delta R.T.: -0.009 min
Response: 27854851
Conc: 411.87 ng/ml



#7 AR-1016-5

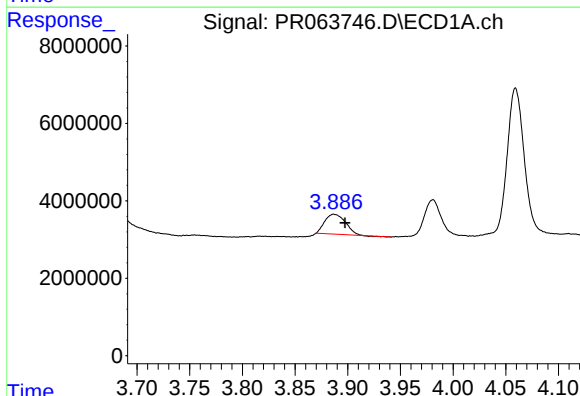
R.T.: 5.413 min
Delta R.T.: -0.010 min
Response: 55940372
Conc: 419.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



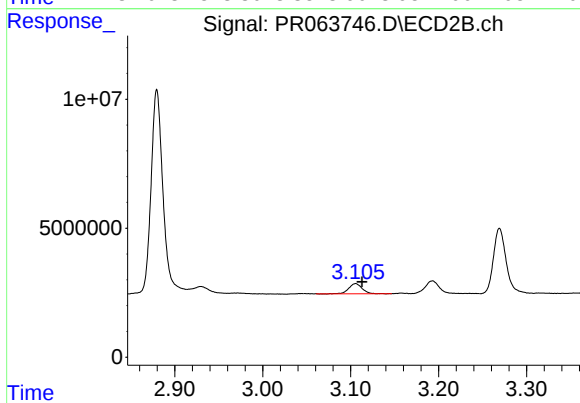
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: -0.010 min
Response: 34561853
Conc: 399.09 ng/ml



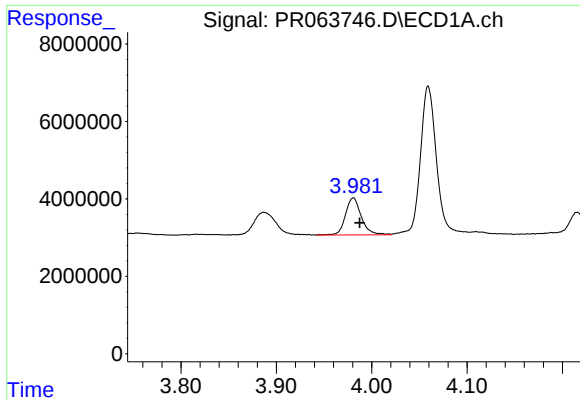
#8 AR-1221-1

R.T.: 3.887 min
Delta R.T.: -0.010 min
Response: 7089024
Conc: 97.67 ng/ml



#8 AR-1221-1

R.T.: 3.106 min
Delta R.T.: -0.007 min
Response: 4158696
Conc: 112.31 ng/ml



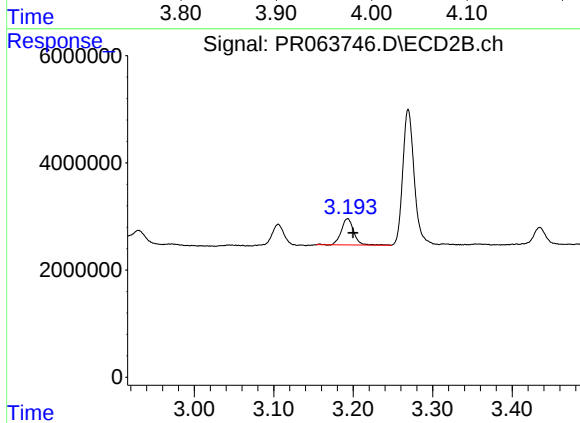
#9 AR-1221-2

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      R.T.:    3.981 min
Delta R.T.:  -0.007 min
  Response:  11191340
      Conc: 238.43 ng/ml

```

Instrument :
ECD_R
ClientSampleId :

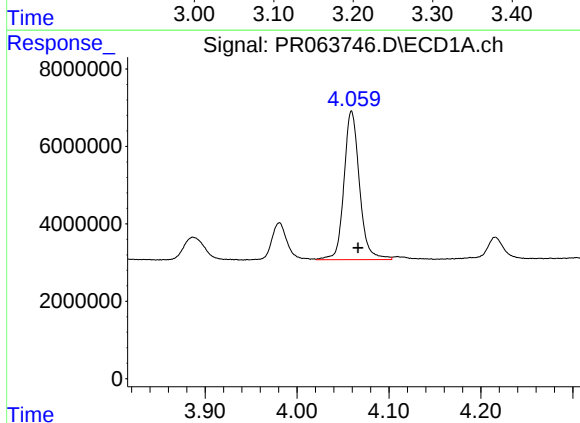


#9 AR-1221-2

```

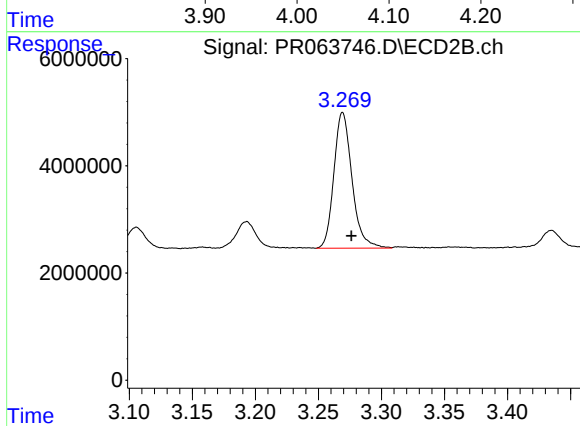
      R.T.:      3.193 min
Delta R.T.:    -0.007 min
  Response:    5310000
      Conc:    205.92 ng/ml

```



#10 AR-1221-3

R.T.: 4.059 min
Delta R.T.: -0.007 min
Response: 45033512
Conc: 279.10 ng/ml

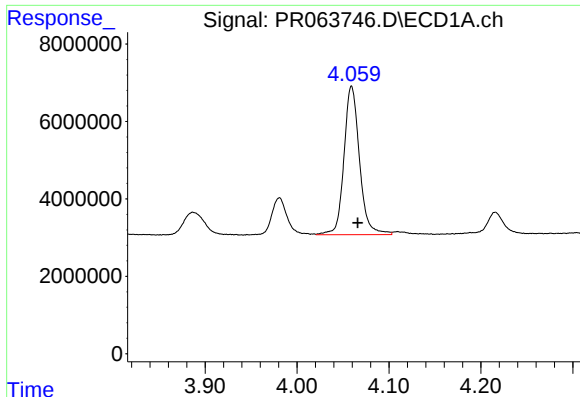


#10 AR-1221-3

```

      R.T.:    3.269 min
Delta R.T.:  -0.007 min
  Response:  25363987
      Conc: 264.72 ng/ml

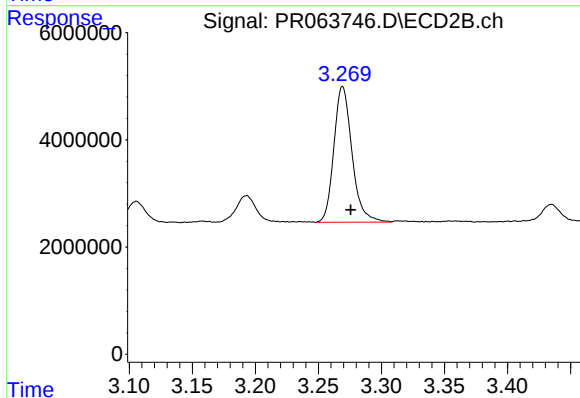
```



#11 AR-1232-1

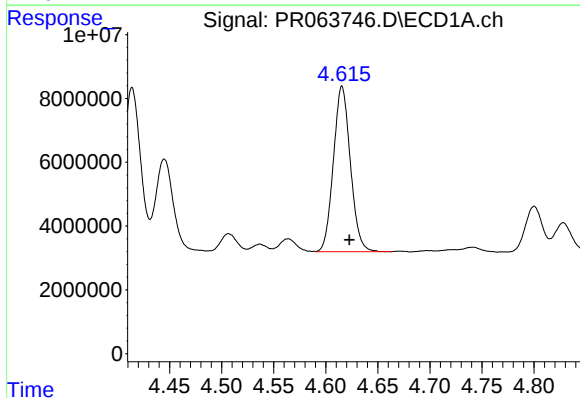
R.T.: 4.059 min
Delta R.T.: -0.007 min
Response: 45033512
Conc: 332.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



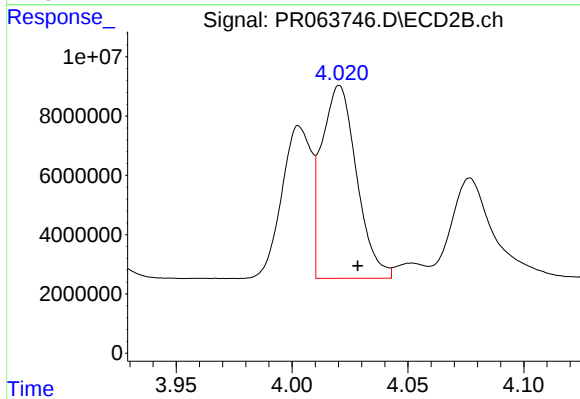
#11 AR-1232-1

R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 25363987
Conc: 318.28 ng/ml



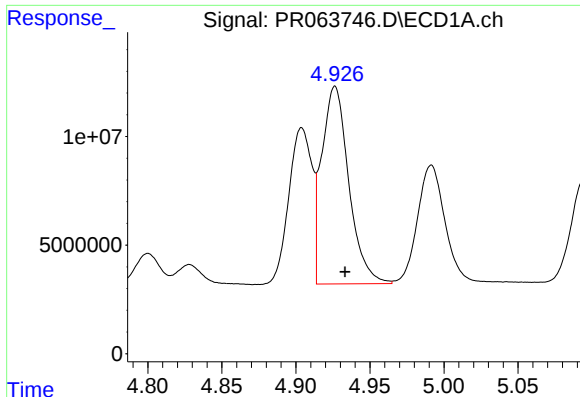
#12 AR-1232-2

R.T.: 4.616 min
Delta R.T.: -0.007 min
Response: 58790880
Conc: 928.38 ng/ml



#12 AR-1232-2

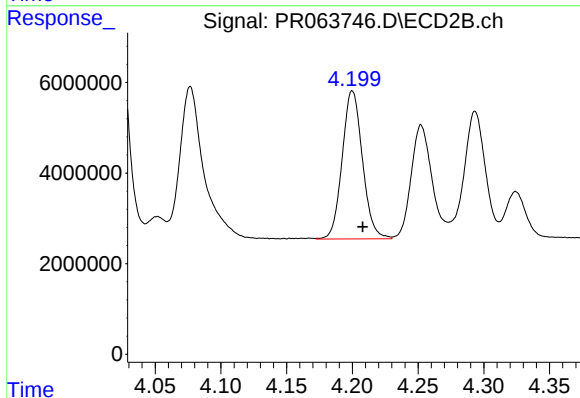
R.T.: 4.020 min
Delta R.T.: -0.008 min
Response: 68365490
Conc: 913.63 ng/ml



#13 AR-1232-3

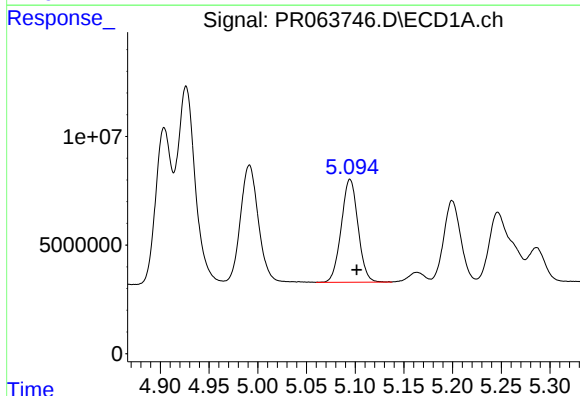
R.T.: 4.926 min
Delta R.T.: -0.007 min
Response: 115982538
Conc: 921.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



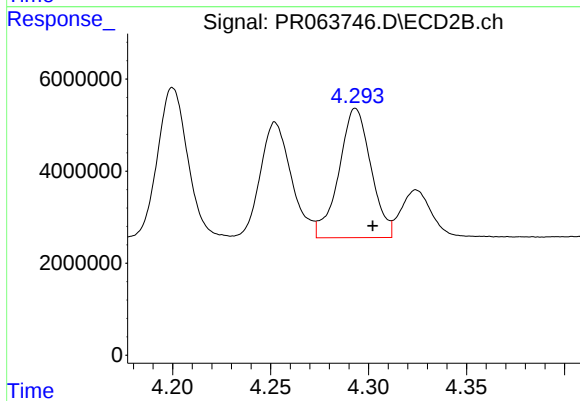
#13 AR-1232-3

R.T.: 4.200 min
Delta R.T.: -0.008 min
Response: 35172552
Conc: 934.19 ng/ml



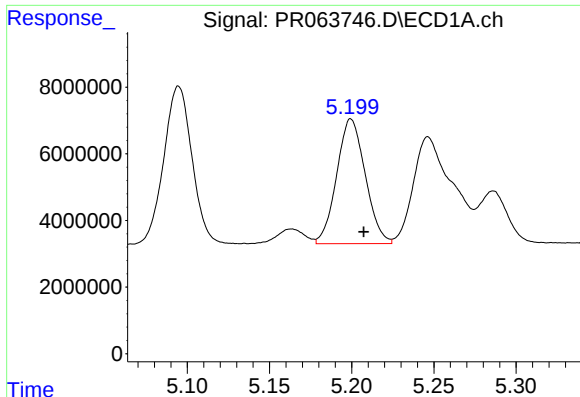
#14 AR-1232-4

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 56732056
Conc: 936.36 ng/ml



#14 AR-1232-4

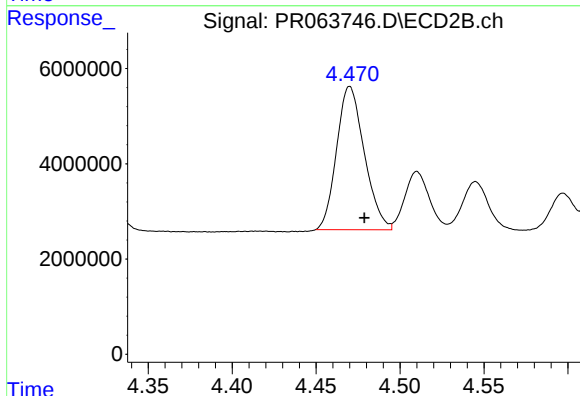
R.T.: 4.293 min
Delta R.T.: -0.009 min
Response: 31936617
Conc: 1006.55 ng/ml



#15 AR-1232-5

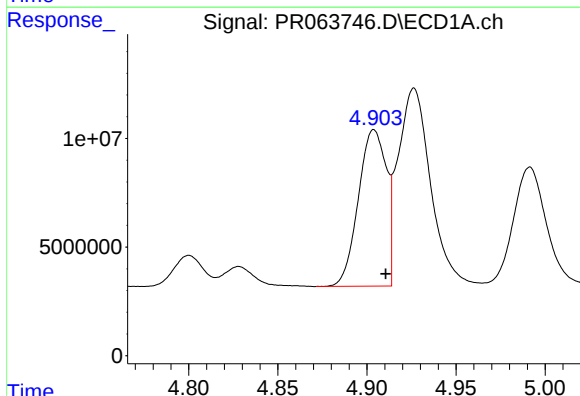
R.T.: 5.200 min
Delta R.T.: -0.008 min
Response: 45279276
Conc: 1046.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



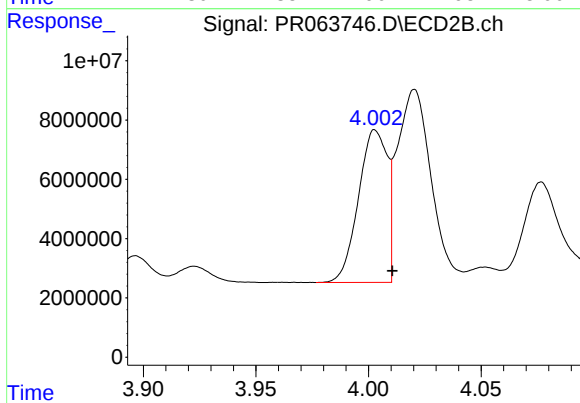
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: -0.009 min
Response: 34561853
Conc: 958.52 ng/ml



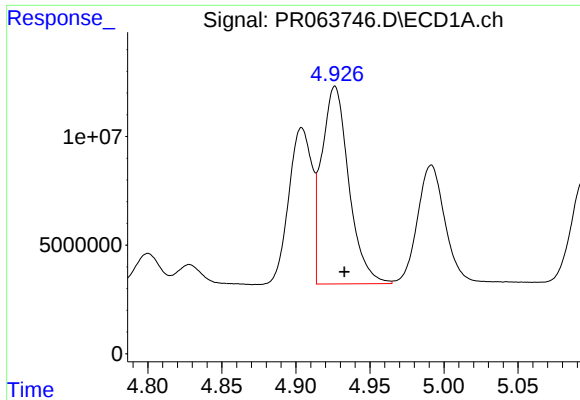
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: -0.007 min
Response: 78538159
Conc: 471.10 ng/ml



#16 AR-1242-1

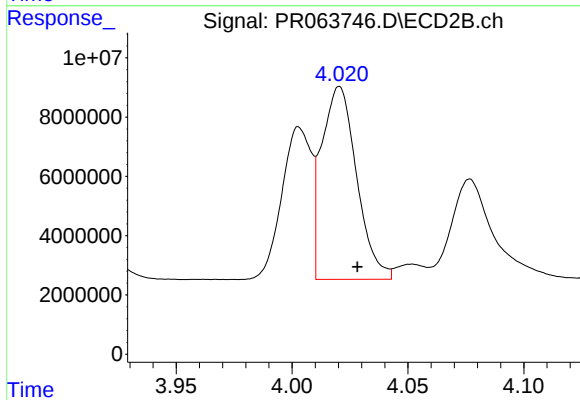
R.T.: 4.003 min
Delta R.T.: -0.008 min
Response: 45594197
Conc: 477.60 ng/ml



#17 AR-1242-2

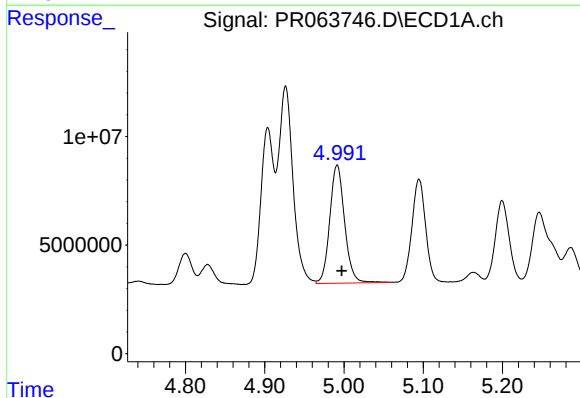
R.T.: 4.926 min
Delta R.T.: -0.006 min
Response: 115982538
Conc: 486.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



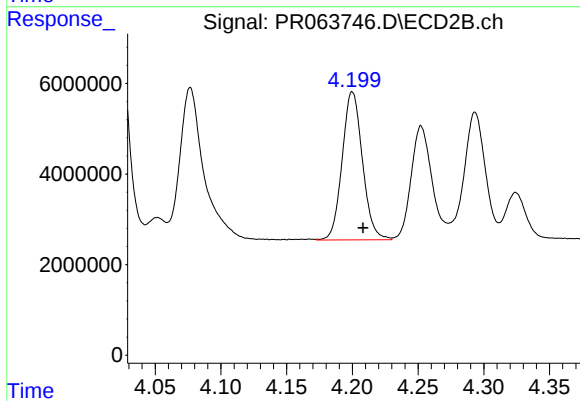
#17 AR-1242-2

R.T.: 4.020 min
Delta R.T.: -0.008 min
Response: 68365490
Conc: 478.76 ng/ml



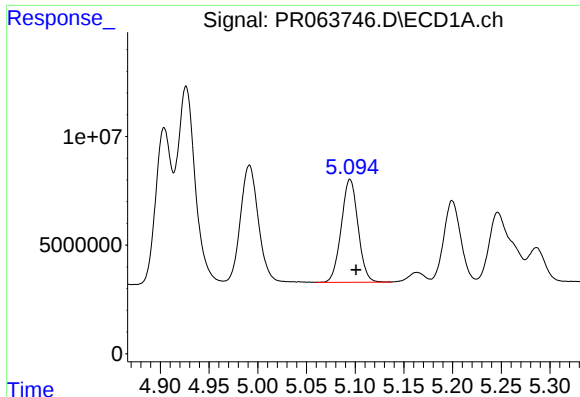
#18 AR-1242-3

R.T.: 4.991 min
Delta R.T.: -0.006 min
Response: 70595372
Conc: 497.20 ng/ml



#18 AR-1242-3

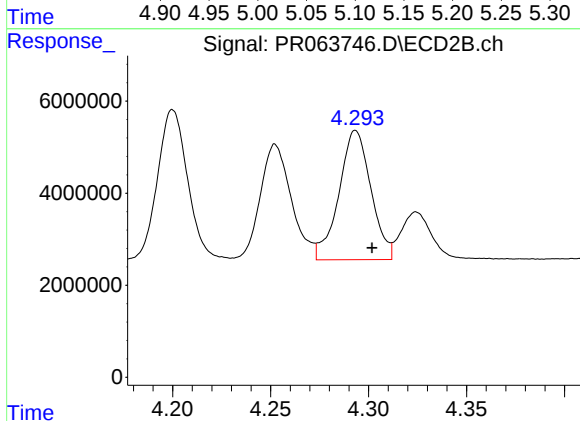
R.T.: 4.200 min
Delta R.T.: -0.008 min
Response: 35172552
Conc: 480.15 ng/ml



#19 AR-1242-4

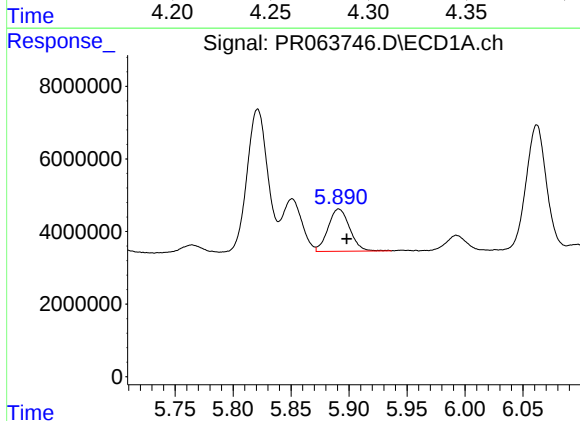
R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 56732056
Conc: 484.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



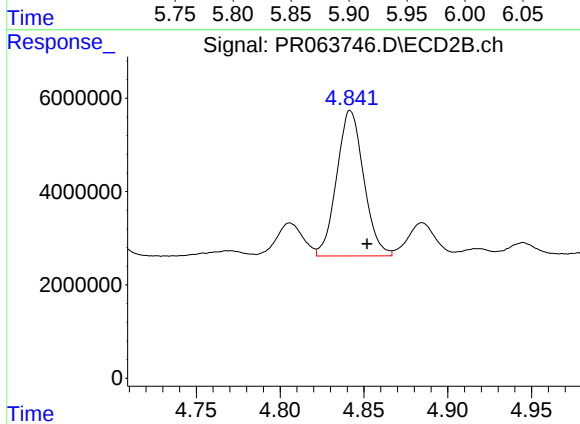
#19 AR-1242-4

R.T.: 4.293 min
Delta R.T.: -0.008 min
Response: 31936617
Conc: 466.93 ng/ml



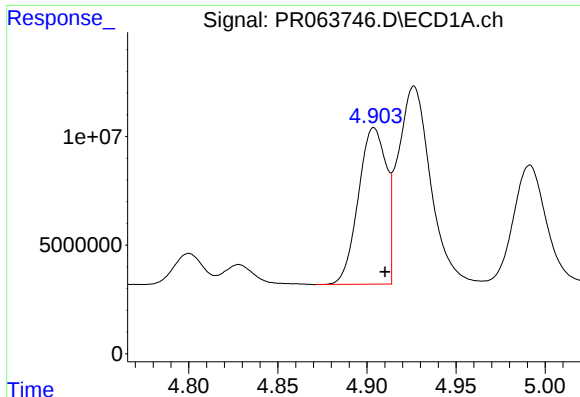
#20 AR-1242-5

R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 15124491
Conc: 130.43 ng/ml



#20 AR-1242-5

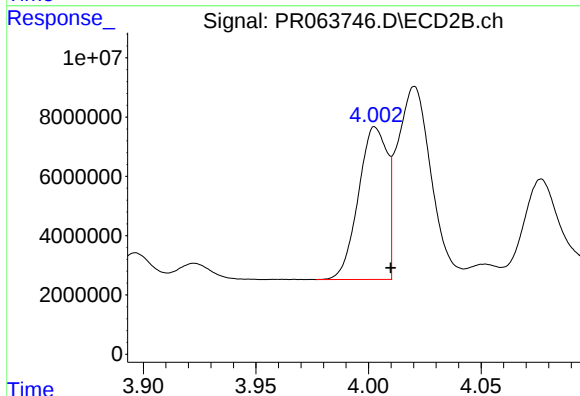
R.T.: 4.842 min
Delta R.T.: -0.010 min
Response: 34961272
Conc: 399.67 ng/ml



#21 AR-1248-1

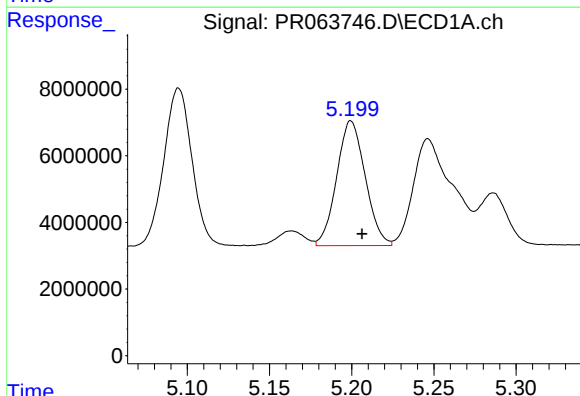
R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 78538159
Conc: 607.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



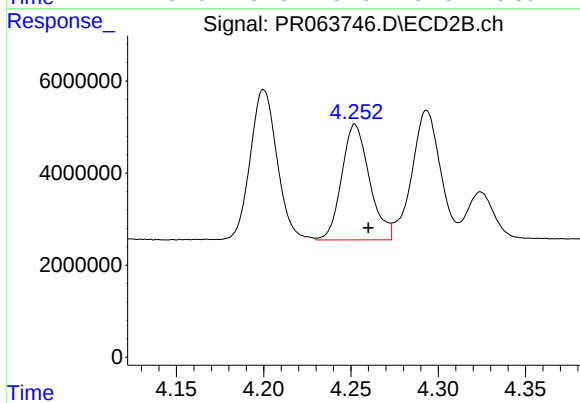
#21 AR-1248-1

R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 45594197
Conc: 610.42 ng/ml



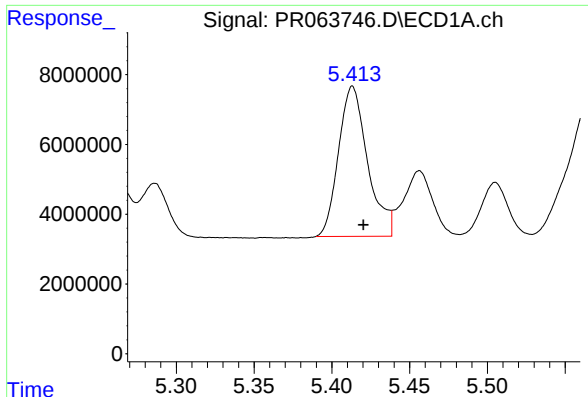
#22 AR-1248-2

R.T.: 5.200 min
Delta R.T.: -0.007 min
Response: 45279276
Conc: 267.01 ng/ml



#22 AR-1248-2

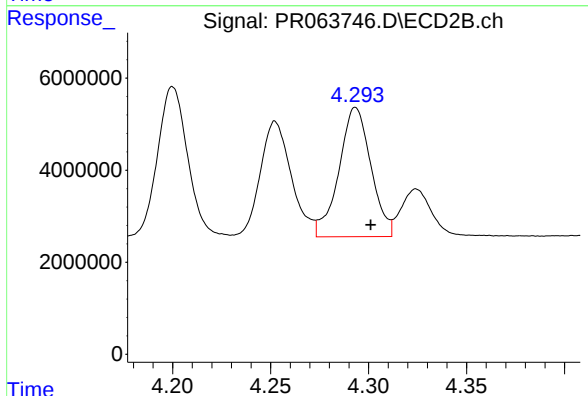
R.T.: 4.252 min
Delta R.T.: -0.008 min
Response: 27854851
Conc: 260.94 ng/ml



#23 AR-1248-3

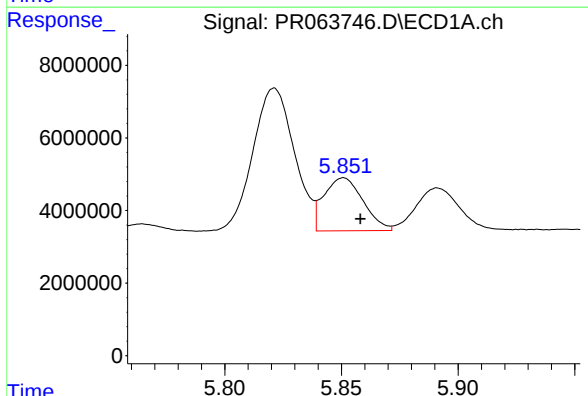
R.T.: 5.413 min
Delta R.T.: -0.007 min
Response: 55940372
Conc: 277.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



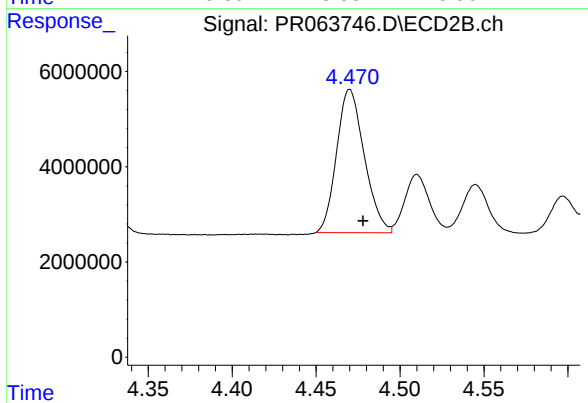
#23 AR-1248-3

R.T.: 4.293 min
Delta R.T.: -0.008 min
Response: 31936617
Conc: 300.29 ng/ml



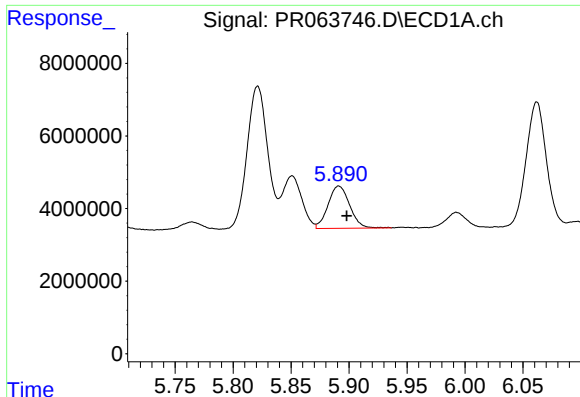
#24 AR-1248-4

R.T.: 5.851 min
Delta R.T.: -0.007 min
Response: 17086833
Conc: 78.42 ng/ml



#24 AR-1248-4

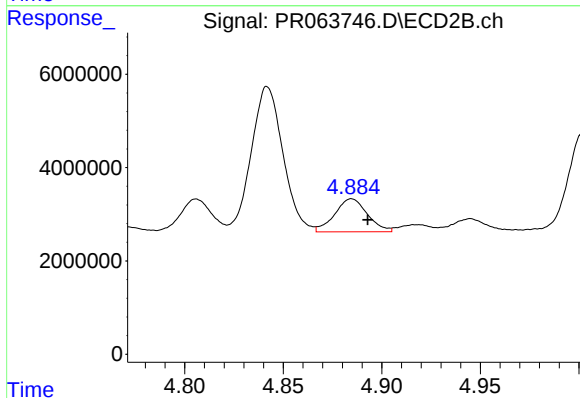
R.T.: 4.470 min
Delta R.T.: -0.008 min
Response: 34561853
Conc: 266.03 ng/ml



#25 AR-1248-5

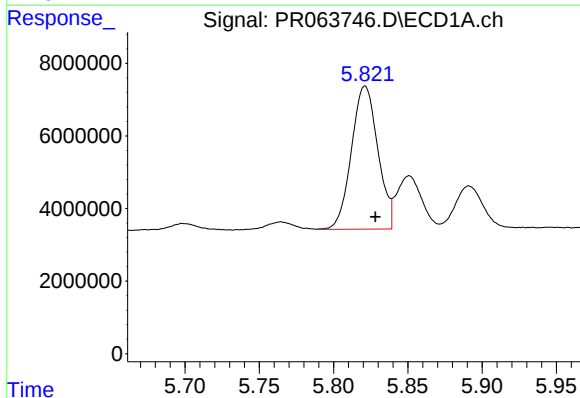
R.T.: 5.891 min
Delta R.T.: -0.007 min
Response: 15124491
Conc: 71.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



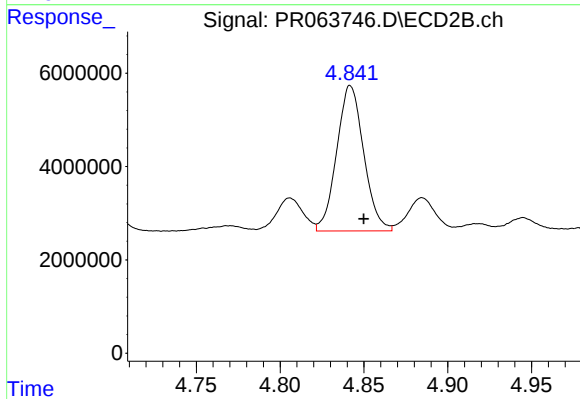
#25 AR-1248-5

R.T.: 4.885 min
Delta R.T.: -0.008 min
Response: 8151216
Conc: 63.41 ng/ml



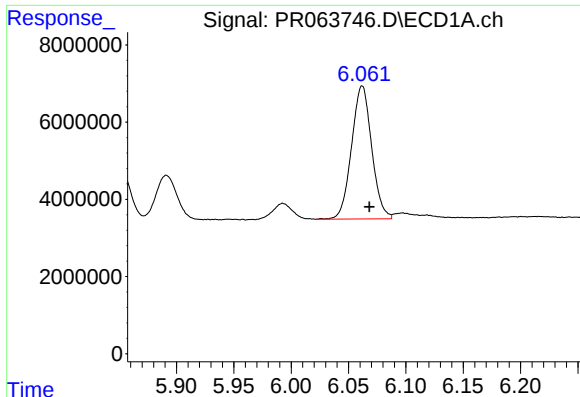
#26 AR-1254-1

R.T.: 5.821 min
Delta R.T.: -0.007 min
Response: 48745016
Conc: 222.15 ng/ml



#26 AR-1254-1

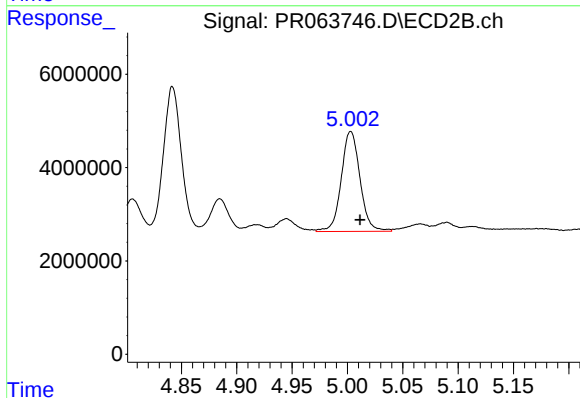
R.T.: 4.842 min
Delta R.T.: -0.008 min
Response: 34961272
Conc: 177.08 ng/ml



#27 AR-1254-2

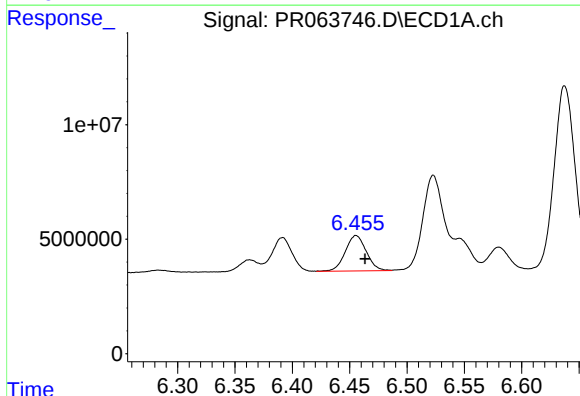
R.T.: 6.062 min
Delta R.T.: -0.006 min
Response: 42152533
Conc: 127.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



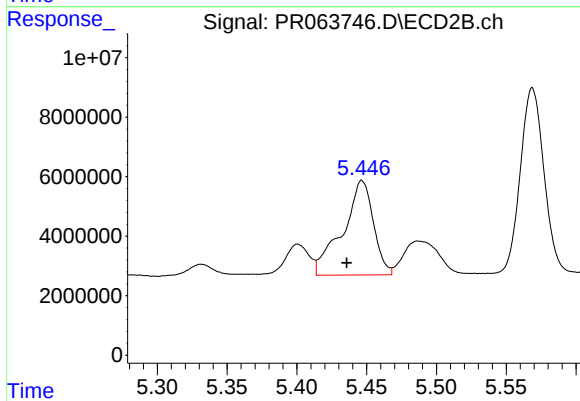
#27 AR-1254-2

R.T.: 5.003 min
Delta R.T.: -0.008 min
Response: 25325955
Conc: 149.83 ng/ml



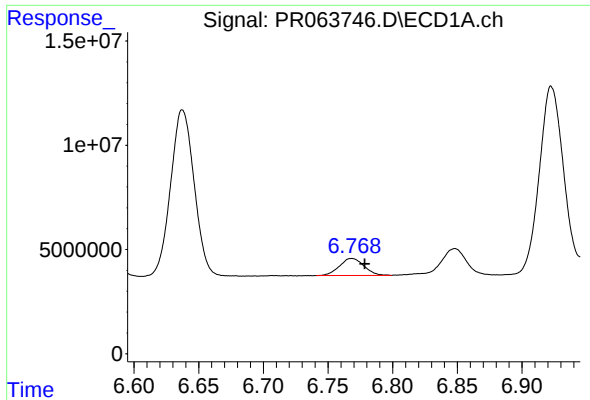
#28 AR-1254-3

R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 19721029
Conc: 58.54 ng/ml



#28 AR-1254-3

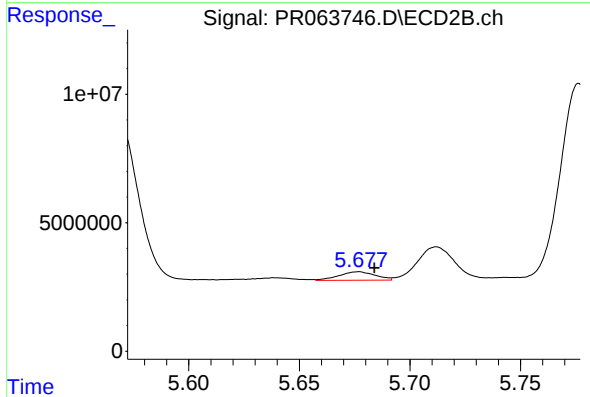
R.T.: 5.447 min
Delta R.T.: 0.011 min
Response: 48810906
Conc: 179.80 ng/ml



#29 AR-1254-4

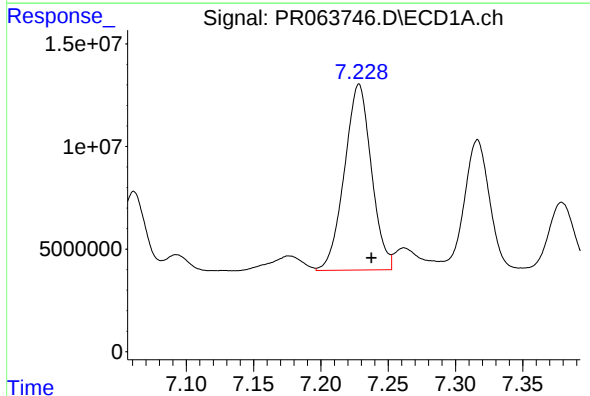
R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 10840558
Conc: 46.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



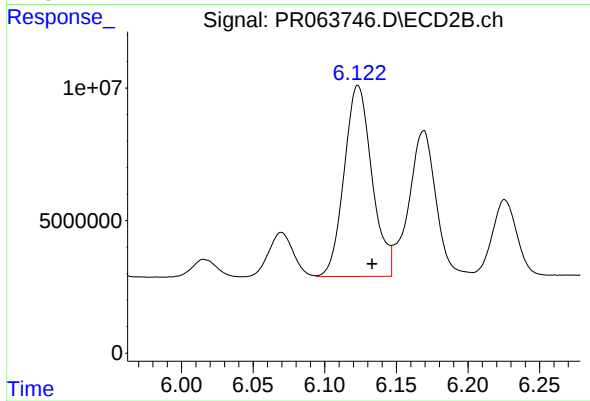
#29 AR-1254-4

R.T.: 5.677 min
Delta R.T.: -0.007 min
Response: 3725451
Conc: 22.21 ng/ml



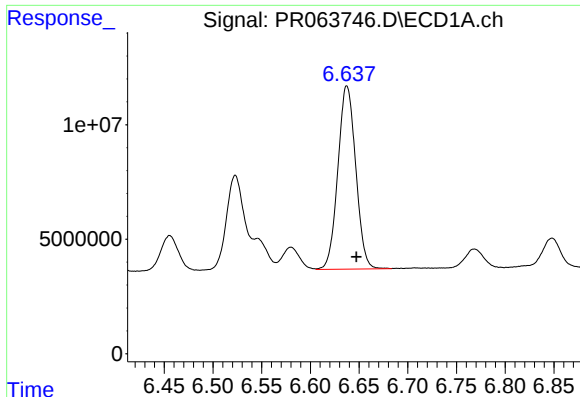
#30 AR-1254-5

R.T.: 7.228 min
Delta R.T.: -0.009 min
Response: 126268212
Conc: 517.05 ng/ml



#30 AR-1254-5

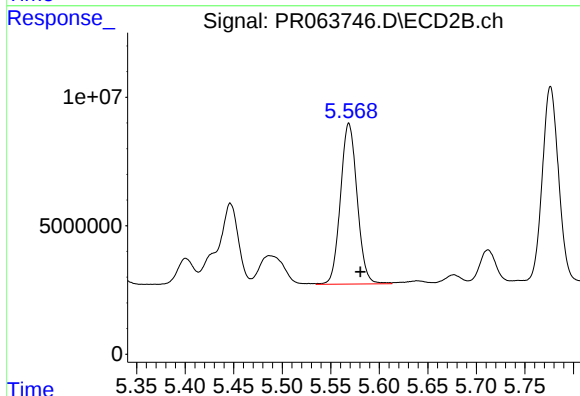
R.T.: 6.123 min
Delta R.T.: -0.010 min
Response: 97264386
Conc: 418.25 ng/ml



#31 AR-1260-1

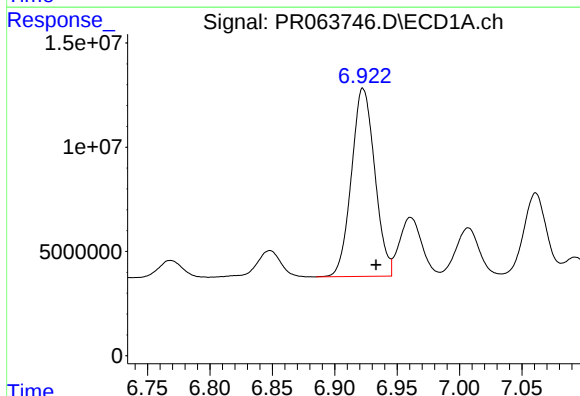
R.T.: 6.637 min
Delta R.T.: -0.010 min
Response: 102168592
Conc: 425.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



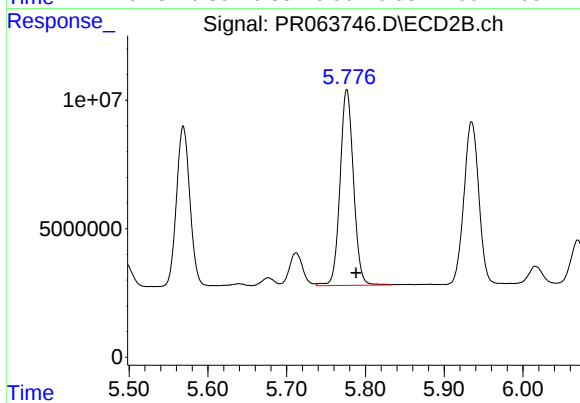
#31 AR-1260-1

R.T.: 5.569 min
Delta R.T.: -0.012 min
Response: 74703738
Conc: 421.08 ng/ml



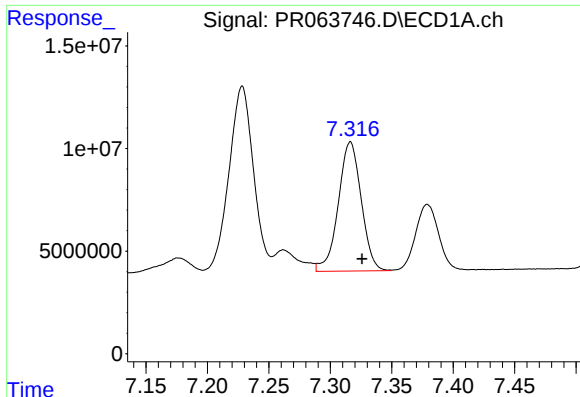
#32 AR-1260-2

R.T.: 6.923 min
Delta R.T.: -0.010 min
Response: 117472547
Conc: 428.26 ng/ml



#32 AR-1260-2

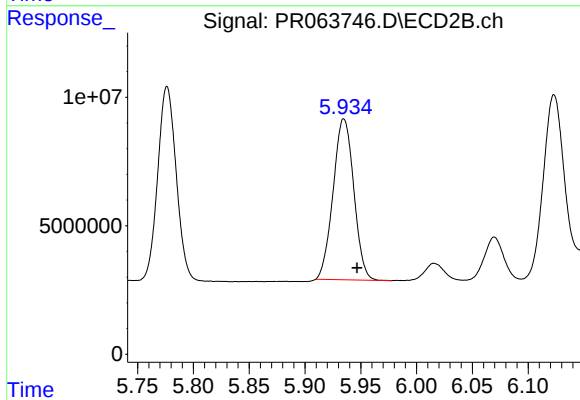
R.T.: 5.776 min
Delta R.T.: -0.012 min
Response: 90328369
Conc: 424.34 ng/ml



#33 AR-1260-3

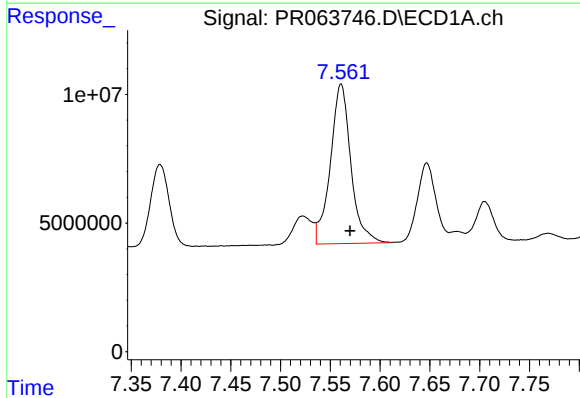
R.T.: 7.316 min
Delta R.T.: -0.010 min
Response: 81885504
Conc: 428.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



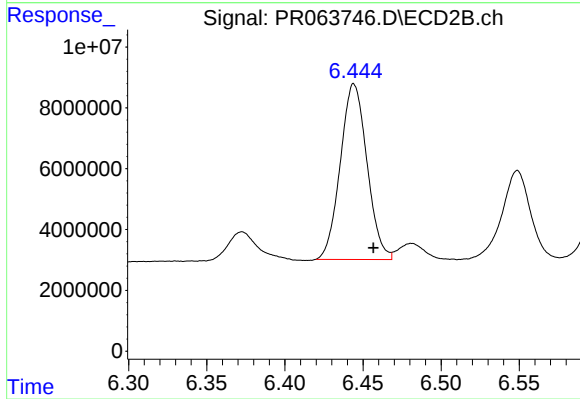
#33 AR-1260-3

R.T.: 5.935 min
Delta R.T.: -0.012 min
Response: 80804656
Conc: 405.69 ng/ml



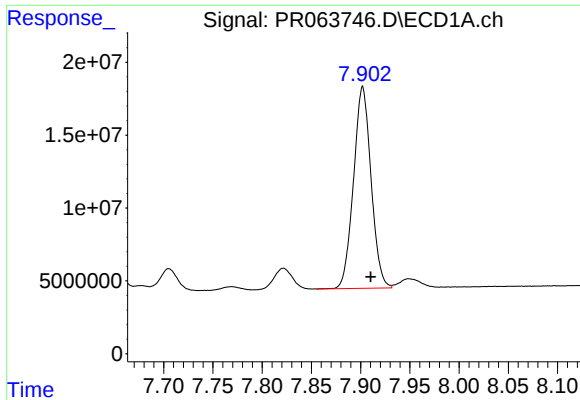
#34 AR-1260-4

R.T.: 7.561 min
Delta R.T.: -0.009 min
Response: 89070315
Conc: 407.35 ng/ml



#34 AR-1260-4

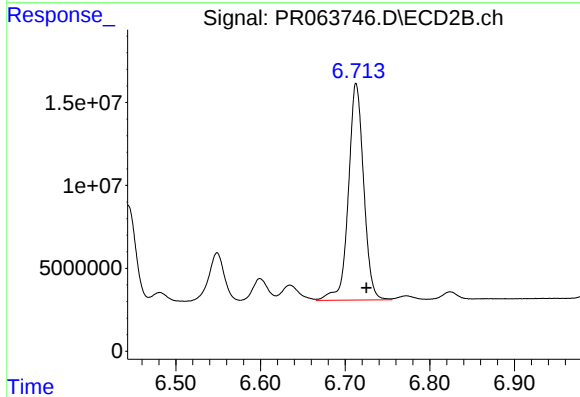
R.T.: 6.444 min
Delta R.T.: -0.012 min
Response: 68633539
Conc: 419.14 ng/ml



#35 AR-1260-5

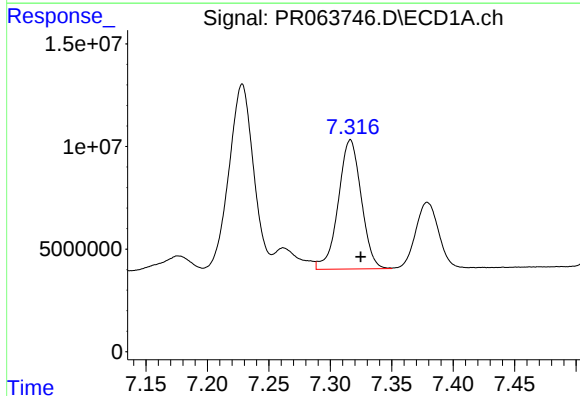
R.T.: 7.902 min
Delta R.T.: -0.008 min
Response: 171683446
Conc: 396.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



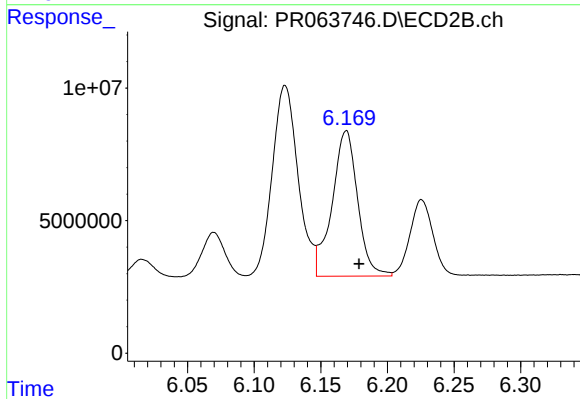
#35 AR-1260-5

R.T.: 6.713 min
Delta R.T.: -0.012 min
Response: 163747559
Conc: 413.66 ng/ml



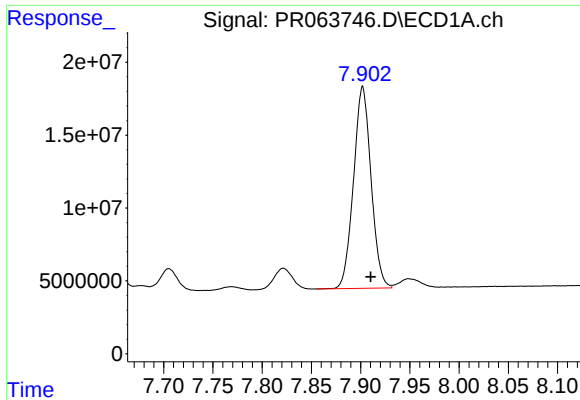
#36 AR-1262-1

R.T.: 7.316 min
Delta R.T.: -0.008 min
Response: 81885504
Conc: 268.78 ng/ml



#36 AR-1262-1

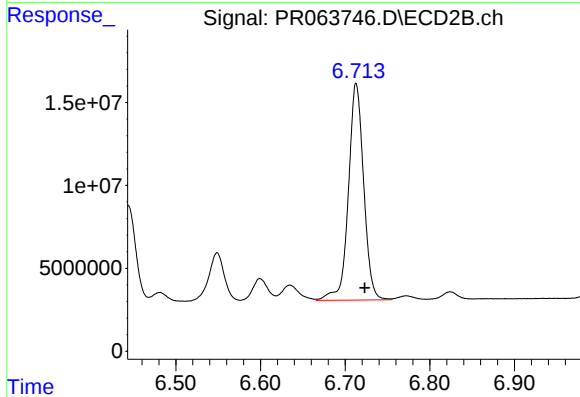
R.T.: 6.169 min
Delta R.T.: -0.010 min
Response: 73196942
Conc: 289.45 ng/ml



#37 AR-1262-2

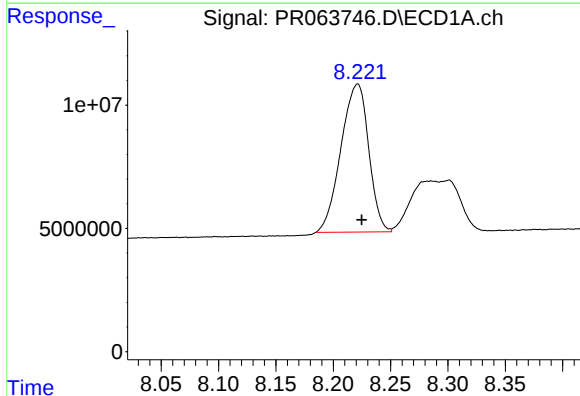
R.T.: 7.902 min
Delta R.T.: -0.008 min
Response: 171683446
Conc: 334.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



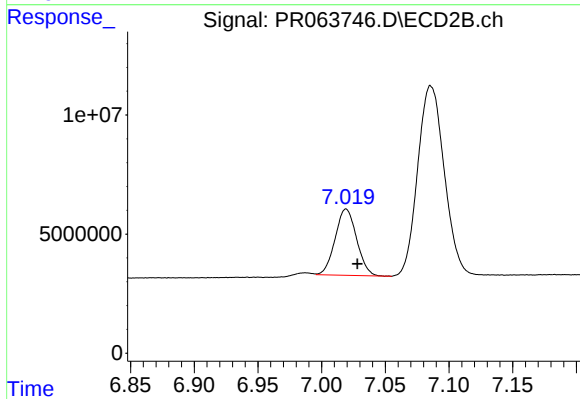
#37 AR-1262-2

R.T.: 6.713 min
Delta R.T.: -0.010 min
Response: 163747559
Conc: 357.03 ng/ml



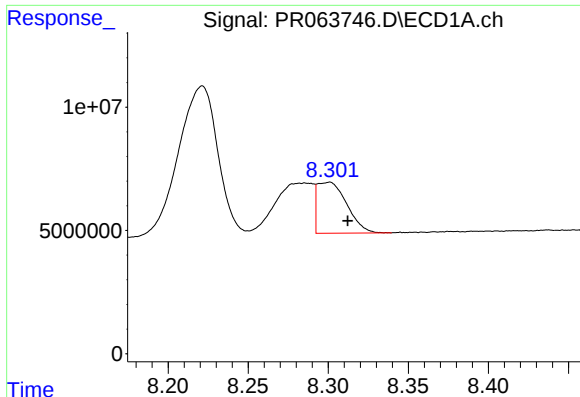
#38 AR-1262-3

R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 101100870
Conc: 302.72 ng/ml



#38 AR-1262-3

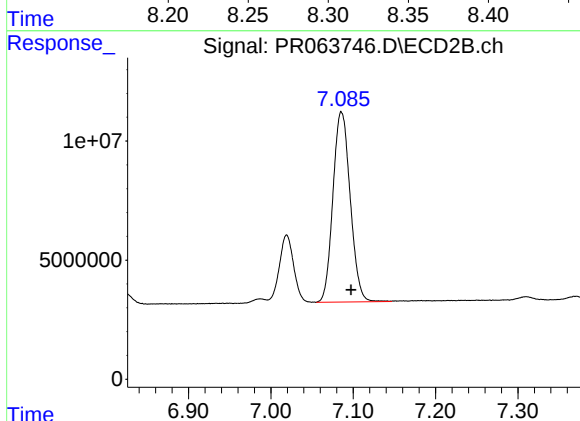
R.T.: 7.019 min
Delta R.T.: -0.009 min
Response: 32722480
Conc: 183.90 ng/ml



#39 AR-1262-4

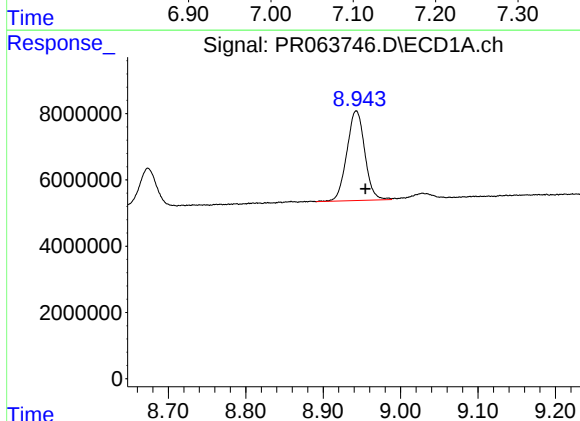
R.T.: 8.301 min
Delta R.T.: -0.011 min
Response: 26471163
Conc: 106.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



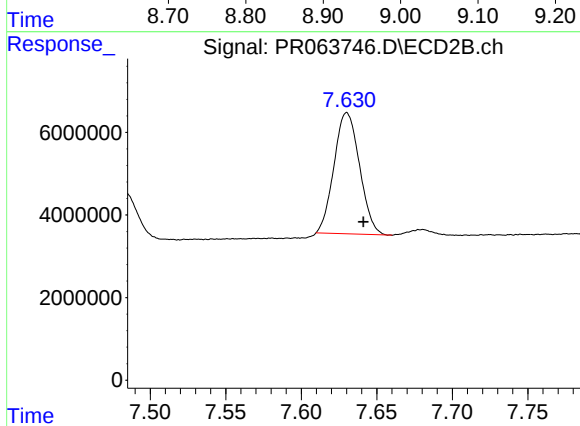
#39 AR-1262-4

R.T.: 7.086 min
Delta R.T.: -0.012 min
Response: 116456100
Conc: 346.20 ng/ml



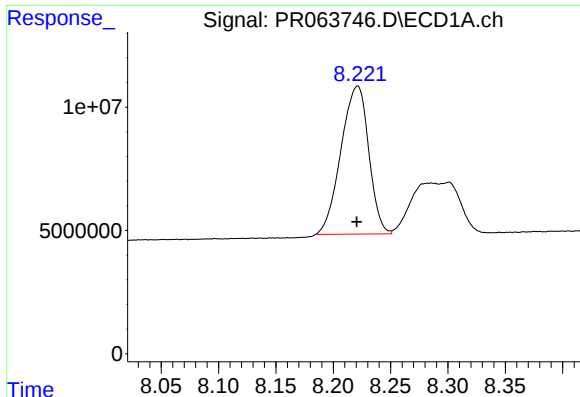
#40 AR-1262-5

R.T.: 8.943 min
Delta R.T.: -0.012 min
Response: 43561485
Conc: 244.03 ng/ml



#40 AR-1262-5

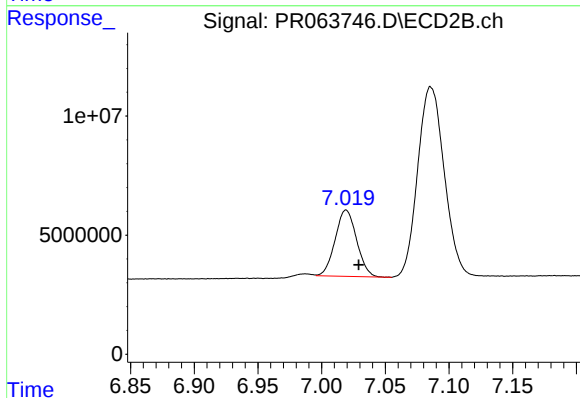
R.T.: 7.630 min
Delta R.T.: -0.011 min
Response: 34545510
Conc: 228.96 ng/ml



#41 AR-1268-1

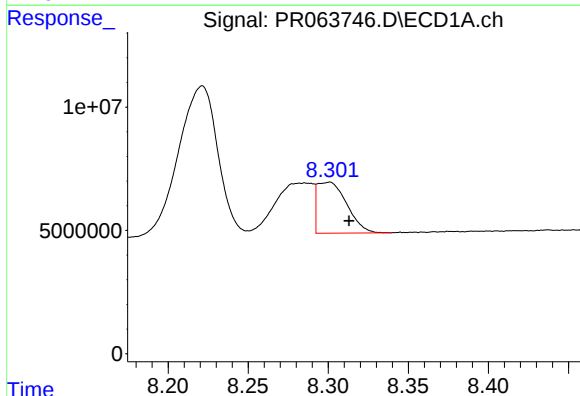
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 101100870
Conc: 168.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



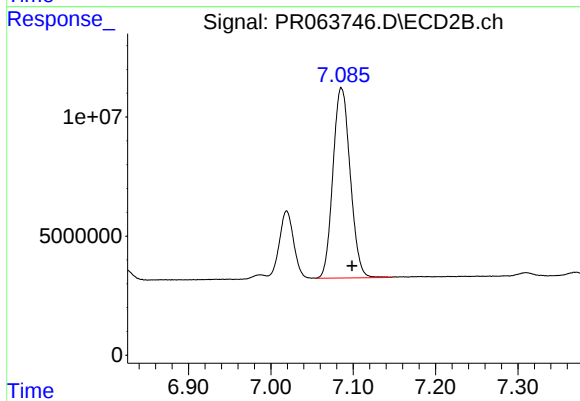
#41 AR-1268-1

R.T.: 7.019 min
Delta R.T.: -0.010 min
Response: 32722480
Conc: 60.62 ng/ml



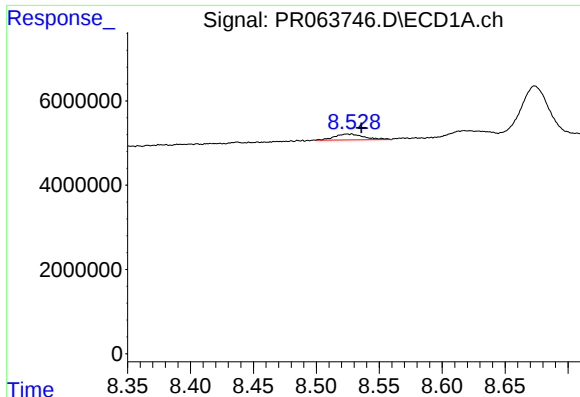
#42 AR-1268-2

R.T.: 8.301 min
Delta R.T.: -0.013 min
Response: 26471163
Conc: 48.71 ng/ml



#42 AR-1268-2

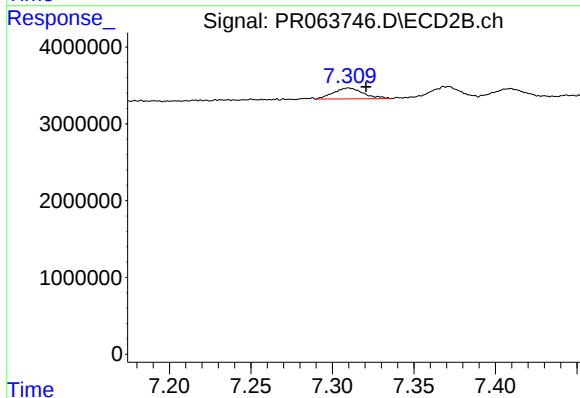
R.T.: 7.086 min
Delta R.T.: -0.013 min
Response: 116456100
Conc: 237.30 ng/ml



#43 AR-1268-3

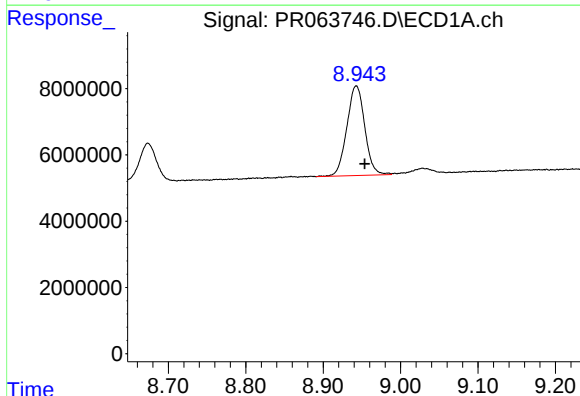
R.T.: 8.524 min
Delta R.T.: -0.011 min
Response: 2280793
Conc: 4.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



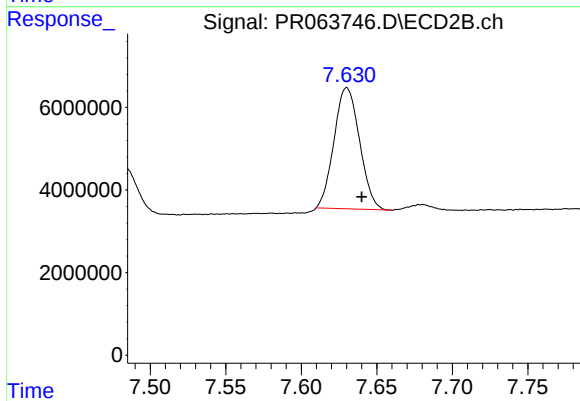
#43 AR-1268-3

R.T.: 7.310 min
Delta R.T.: -0.011 min
Response: 1803654
Conc: 4.34 ng/ml



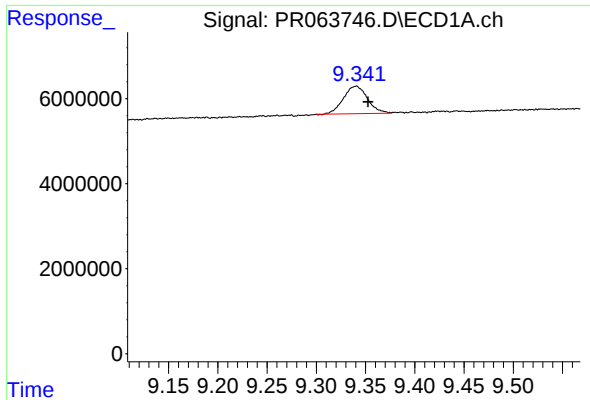
#44 AR-1268-4

R.T.: 8.943 min
Delta R.T.: -0.011 min
Response: 43561485
Conc: 217.68 ng/ml



#44 AR-1268-4

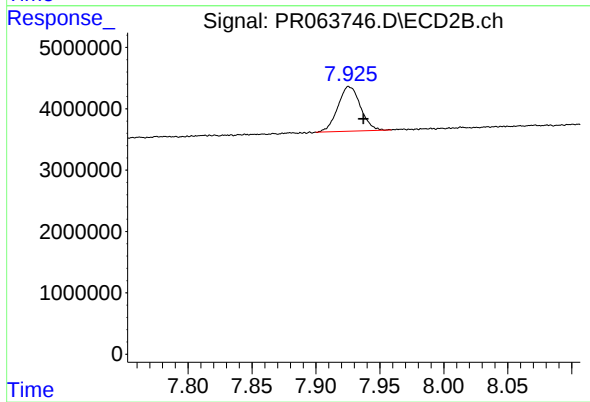
R.T.: 7.630 min
Delta R.T.: -0.010 min
Response: 34545510
Conc: 203.87 ng/ml



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: -0.012 min
Response: 11046586
Conc: 7.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 8948847
Conc: 6.67 ng/ml