

Data Path : P:\HPCHEM1\ECD_R\Data\PR052118\
 Data File : PR028079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2018 11:57 am
 Operator : UA/SM
 Sample : J2693-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 13:03:30 2018
 Quant Method : P:\HPCHEM1\ECD_R\Method\PR051618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 16 16:06:21 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...	4.589	3.740	195.4E6	616.6E6	12.866	15.390
2)	SA Decachlor...	10.363	8.717	98874713	508.7E6	14.608	14.369
Target Compounds							
3)	L1 AR-1016-1	5.481	4.597	15319294	37766742	46.573	33.220 #
4)	L1 AR-1016-2	5.833	5.009	13097616	83578708	32.351	76.989 #
5)	L1 AR-1016-3	0.000	5.091	0	68015594	N.D.	63.893 #
6)	L1 AR-1016-4	0.000	5.262	0	98107582	N.D.	79.868 #
7)	L1 AR-1016-5	6.365	5.612	14837892	529.9E6	40.396	464.947 #
9)	L2 AR-1221-2	0.000	4.111	0	26121620	N.D.	41.485 #
10)	L2 AR-1221-3	0.000	4.111	0	26121620	N.D.	13.155 #
11)	L3 AR-1232-1	0.000	4.111	0	26121620	N.D.	28.004 #
12)	L3 AR-1232-2	5.481	5.009	15319294	83578708	88.661	145.546 #
13)	L3 AR-1232-3	5.833	5.049	13097616	88911312	60.423	208.634 #
14)	L3 AR-1232-4	0.000	5.612	0	529.9E6	N.D.	821.690 #
15)	L3 AR-1232-5	6.365	5.652	14837892	120.5E6	86.405	224.642 #
16)	L4 AR-1242-1	5.481	4.597	15319294	37766742	55.107	39.710 #
17)	L4 AR-1242-2	5.747	4.840	-5359762	175.2E6	N.D.	93.409 #
18)	L4 AR-1242-3	5.833	5.049	13097616	88911312	38.089	120.334 #
19)	L4 AR-1242-4	0.000	5.091	0	68015594	N.D.	71.842 #
20)	L4 AR-1242-5	0.000	5.300	0	47782236	N.D.	116.874 #
21)	L5 AR-1248-1	6.020	5.049	16038500	88911312	38.221	63.581 #
22)	L5 AR-1248-2	0.000	5.091	0	68015594	N.D.	46.324 #
23)	L5 AR-1248-3	6.600	5.262	130.6E6	98107582	320.146	56.232 #
24)	L5 AR-1248-4	6.659	5.612	48462649	529.9E6	93.776	211.620 #
25)	L5 AR-1248-5	6.815	5.652	114.2E6	120.5E6	223.540	68.388 #
26)	L6 AR-1254-1	6.020	5.049	16038500	88911312	53.095	79.318 #
27)	L6 AR-1254-2	6.815	5.754	114.2E6	395.5E6	144.562	163.482
28)	L6 AR-1254-3	7.181	6.169	63608646	919.9E6	76.614	234.686 #
29)	L6 AR-1254-4	7.463	6.382	42134758	110.3E6	68.824	38.470 #
30)	L6 AR-1254-5	7.878	6.796	247.2E6	1188.6E6	413.763	371.886
31)	L7 AR-1260-1	7.343	6.284	170.1E6	878.2E6	333.218	393.006
32)	L7 AR-1260-2	7.597	6.469	221.7E6	1080.8E6	370.699	424.831
33)	L7 AR-1260-3	7.955	6.796	134.2E6	1188.6E6	316.707	422.080 #
34)	L7 AR-1260-4	8.183	7.092	171.4E6	704.8E6	356.977	394.816
35)	L7 AR-1260-5	8.507	7.330	308.3E6	1806.3E6	355.623	406.095
36)	L8 AR-1262-1	7.343	6.284	170.1E6	878.2E6	343.249	393.803
37)	L8 AR-1262-2	7.597	6.469	221.7E6	1080.8E6	398.821	495.281
38)	L8 AR-1262-3	7.955	6.832	134.2E6	783.0E6	188.505	263.548 #
39)	L8 AR-1262-4	8.183	7.092	171.4E6	704.8E6	257.735	227.635
40)	L8 AR-1262-5	8.507	7.330	308.3E6	1806.3E6	271.137	279.642
41)	L9 AR-1268-1	8.842	7.613	209.6E6	329.9E6	176.000	48.019 #
42)	L9 AR-1268-2	8.901	7.676	121.0E6	1227.6E6	109.551	191.372 #

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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

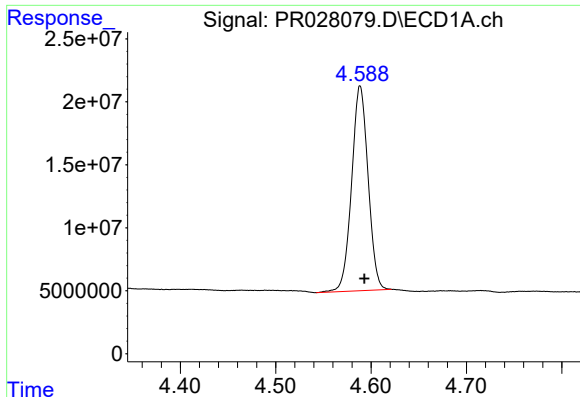
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 13:03:30 2018
 Quant Method : P:\HPCHEM1\ECD_R\Method\PR051618.M
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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
43) L9	AR-1268-3	0.000	7.883	0	18476046	N.D.	3.359 #
44) L9	AR-1268-4	9.588	8.170	85923430	416.4E6	205.059	205.472
45) L9	AR-1268-5	10.013	8.462	20528045	93344869	8.260	6.114 #

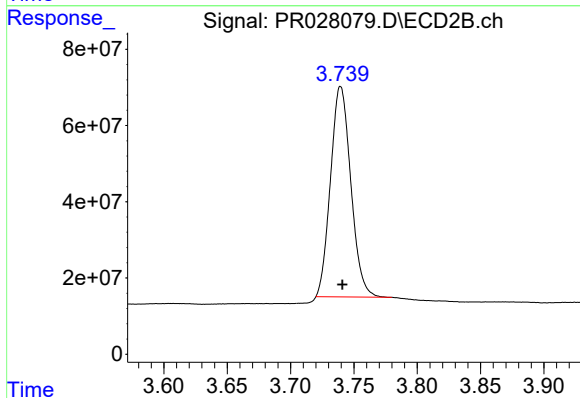
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

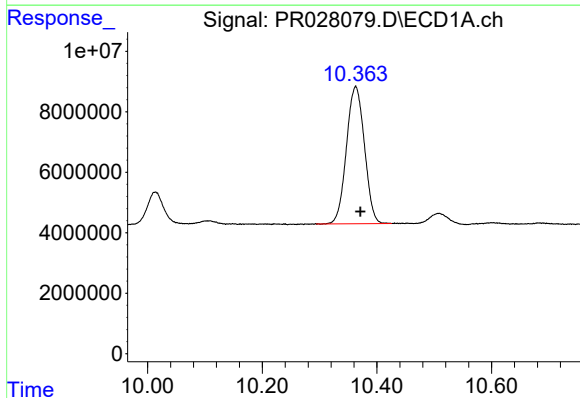
R.T.: 4.589 min
Delta R.T.: -0.004 min
Response: 195362156
Conc: 12.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



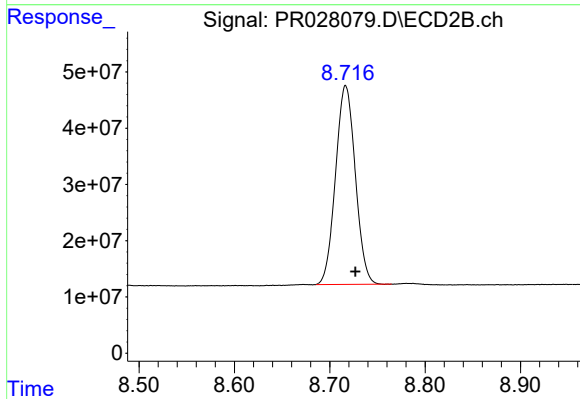
#1 Tetrachloro-m-xylene

R.T.: 3.740 min
Delta R.T.: -0.001 min
Response: 616567116
Conc: 15.39 ng/ml



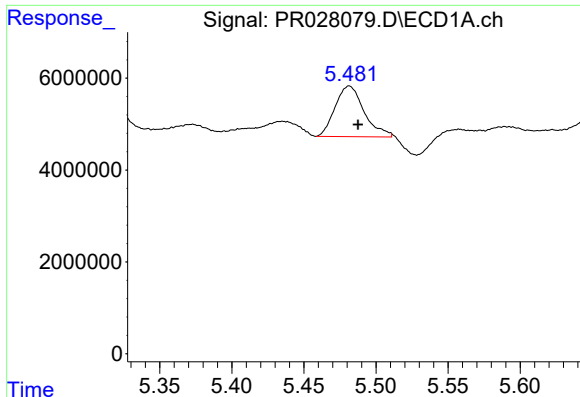
#2 Decachlorobiphenyl

R.T.: 10.363 min
Delta R.T.: -0.008 min
Response: 98874713
Conc: 14.61 ng/ml



#2 Decachlorobiphenyl

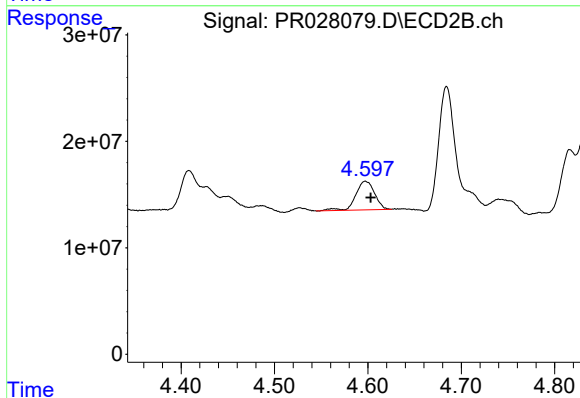
R.T.: 8.717 min
Delta R.T.: -0.010 min
Response: 508726868
Conc: 14.37 ng/ml



#3 AR-1016-1

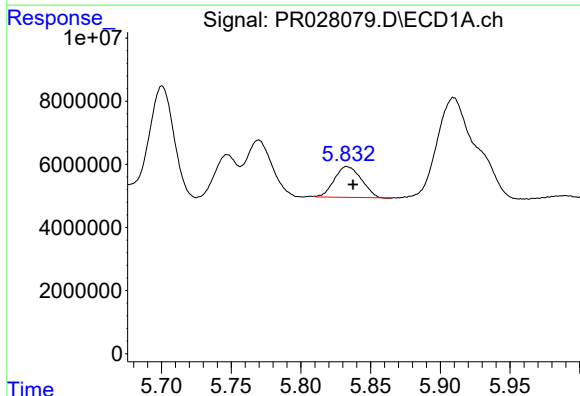
R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 15319294
Conc: 46.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



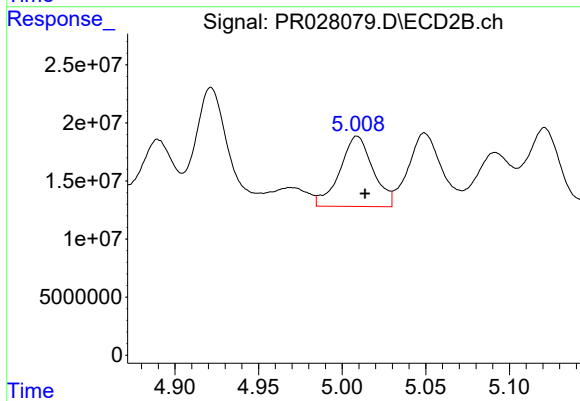
#3 AR-1016-1

R.T.: 4.597 min
Delta R.T.: -0.006 min
Response: 37766742
Conc: 33.22 ng/ml



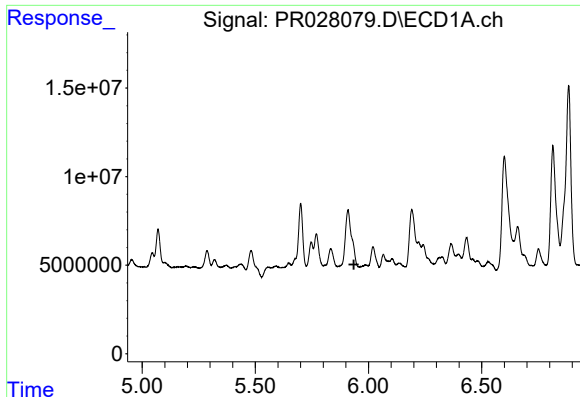
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: -0.005 min
Response: 13097616
Conc: 32.35 ng/ml



#4 AR-1016-2

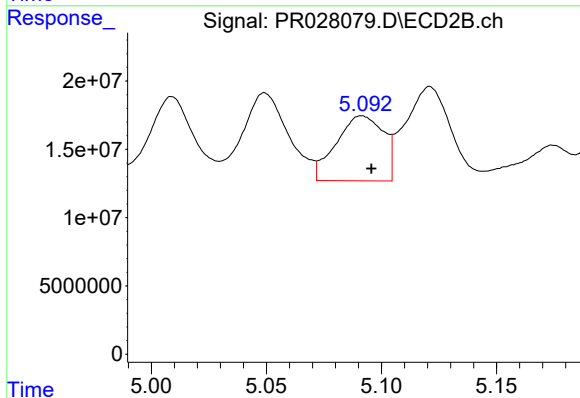
R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 83578708
Conc: 76.99 ng/ml



#5 AR-1016-3

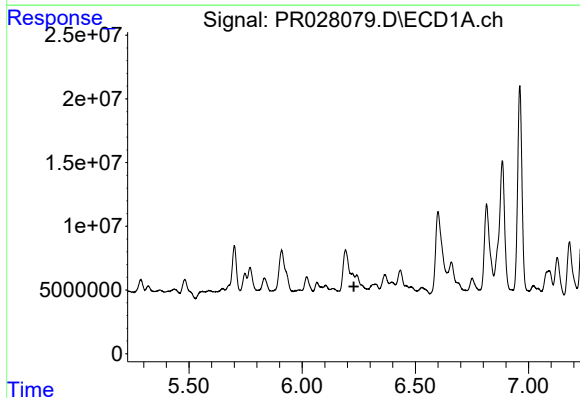
R.T.: 0.000 min
Exp R.T. : 5.936 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



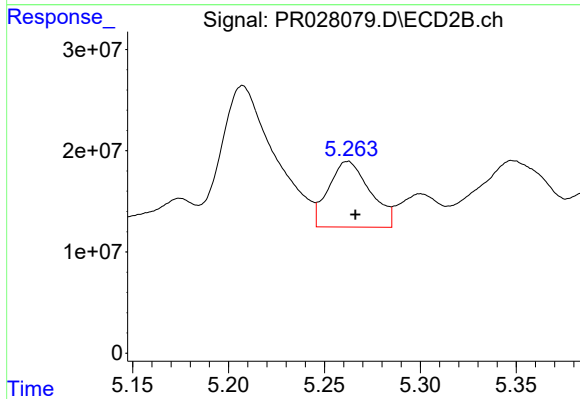
#5 AR-1016-3

R.T.: 5.091 min
Delta R.T.: -0.004 min
Response: 68015594
Conc: 63.89 ng/ml



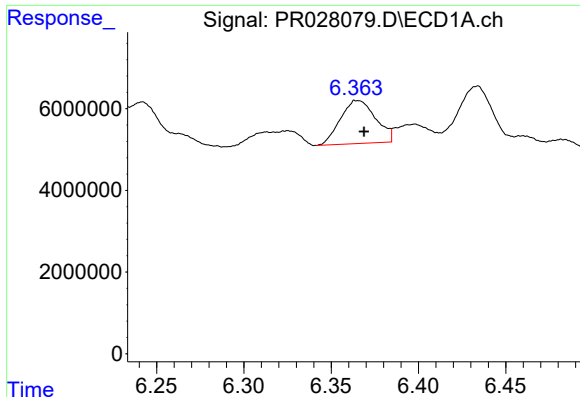
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.229 min
Response: 0
Conc: N.D.



#6 AR-1016-4

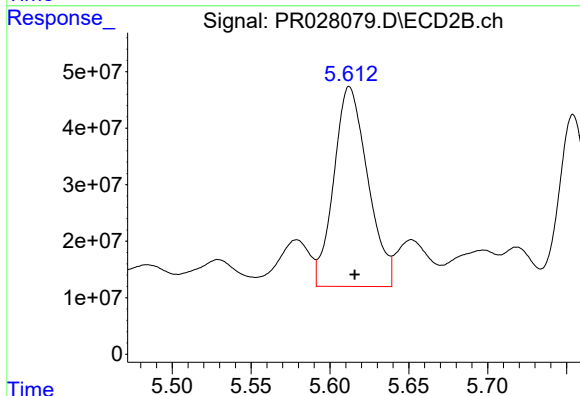
R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 98107582
Conc: 79.87 ng/ml



#7 AR-1016-5

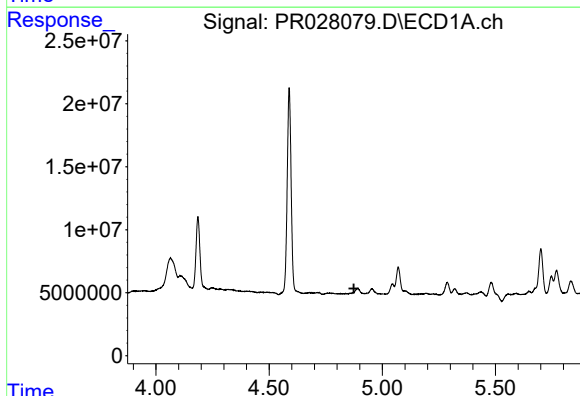
R.T.: 6.365 min
Delta R.T.: -0.004 min
Response: 14837892
Conc: 40.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



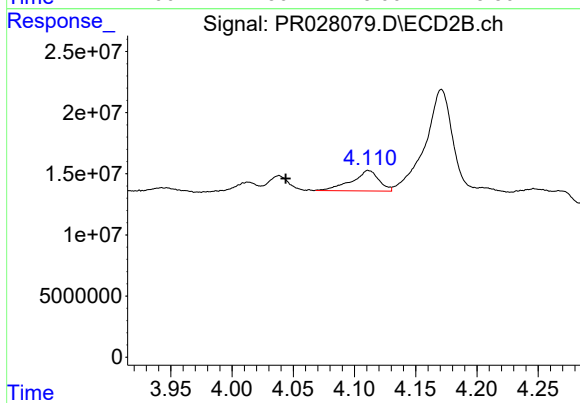
#7 AR-1016-5

R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 529861133
Conc: 464.95 ng/ml



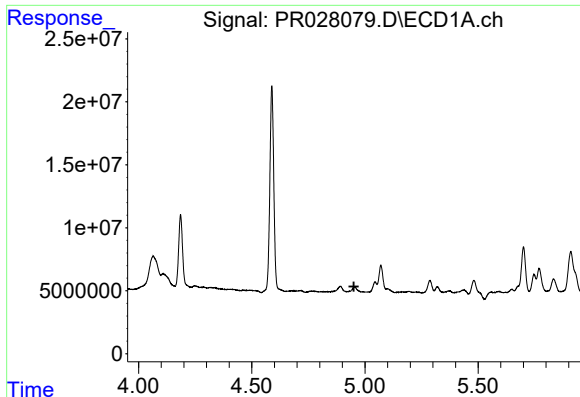
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.874 min
Response: 0
Conc: N.D.



#9 AR-1221-2

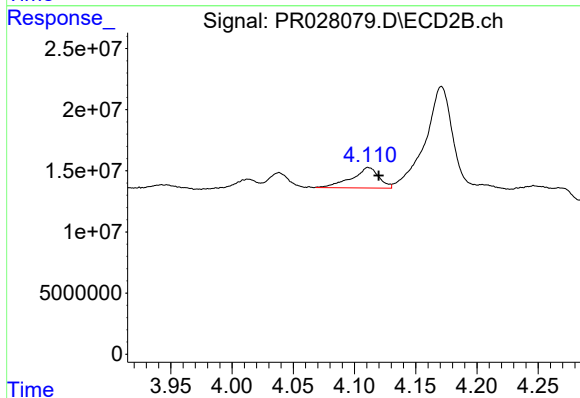
R.T.: 4.111 min
Delta R.T.: 0.068 min
Response: 26121620
Conc: 41.49 ng/ml



#10 AR-1221-3

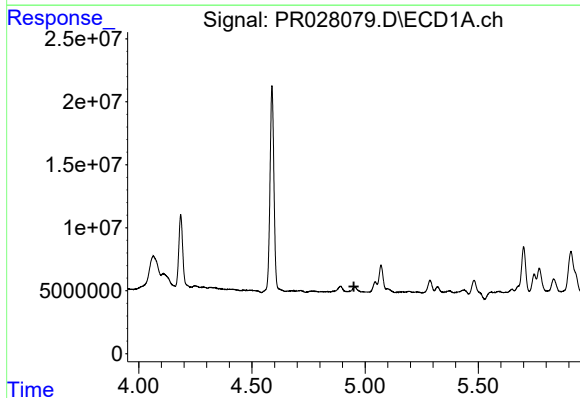
R.T.: 0.000 min
Exp R.T.: 4.951 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



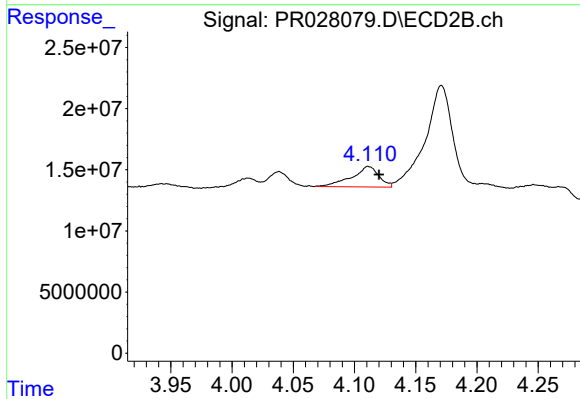
#10 AR-1221-3

R.T.: 4.111 min
Delta R.T.: -0.008 min
Response: 26121620
Conc: 13.15 ng/ml



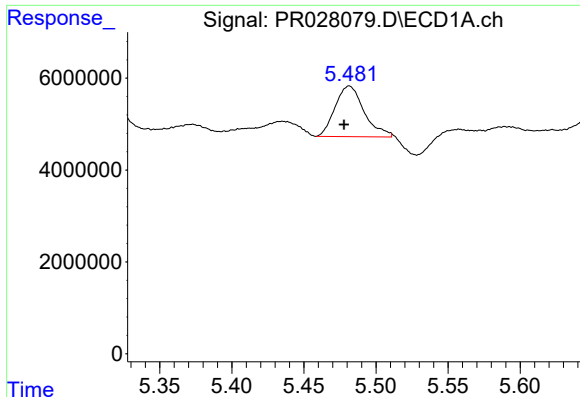
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.951 min
Response: 0
Conc: N.D.



#11 AR-1232-1

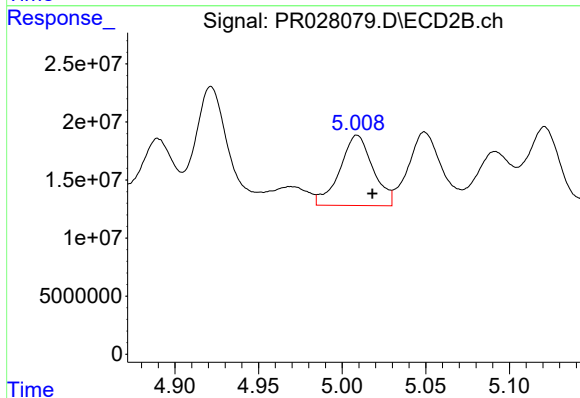
R.T.: 4.111 min
Delta R.T.: -0.009 min
Response: 26121620
Conc: 28.00 ng/ml



#12 AR-1232-2

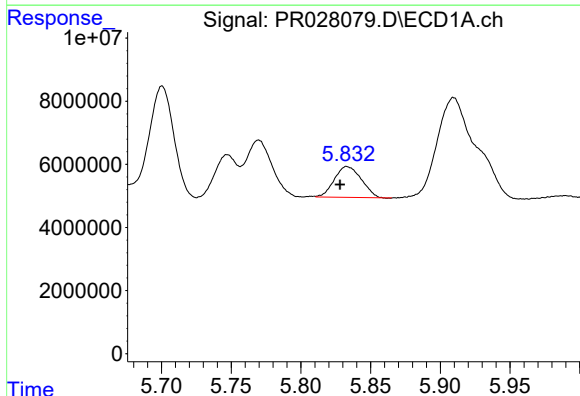
R.T.: 5.481 min
Delta R.T.: 0.004 min
Response: 15319294
Conc: 88.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



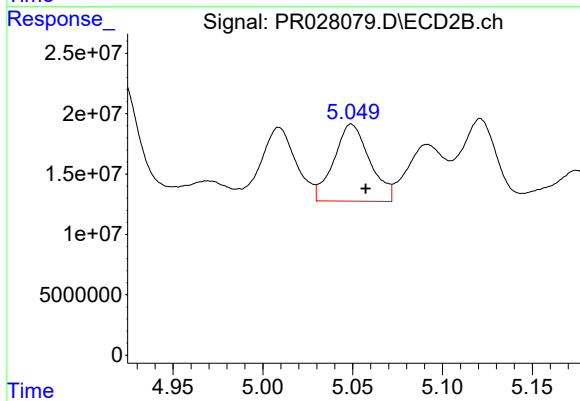
#12 AR-1232-2

R.T.: 5.009 min
Delta R.T.: -0.009 min
Response: 83578708
Conc: 145.55 ng/ml



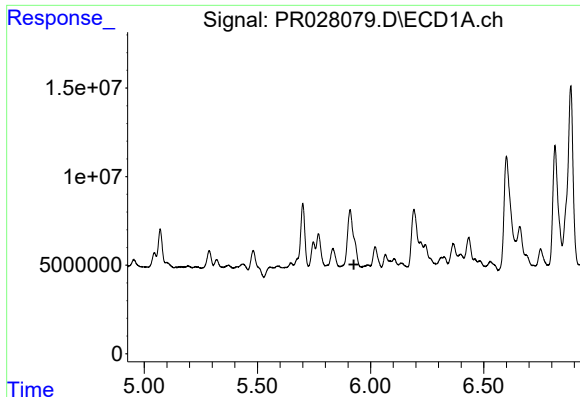
#13 AR-1232-3

R.T.: 5.833 min
Delta R.T.: 0.005 min
Response: 13097616
Conc: 60.42 ng/ml



#13 AR-1232-3

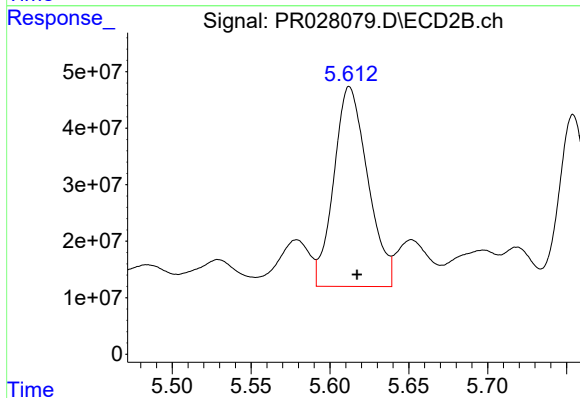
R.T.: 5.049 min
Delta R.T.: -0.008 min
Response: 88911312
Conc: 208.63 ng/ml



#14 AR-1232-4

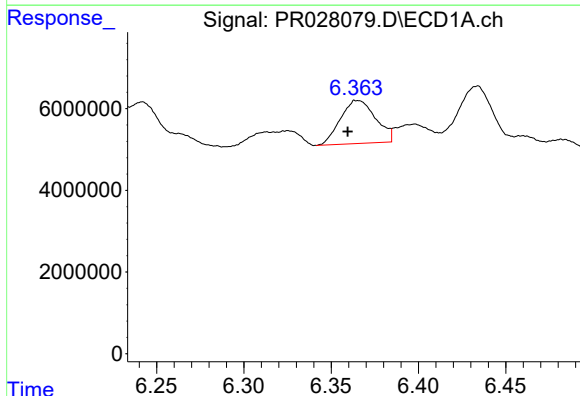
R.T.: 0.000 min
Exp R.T.: 5.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



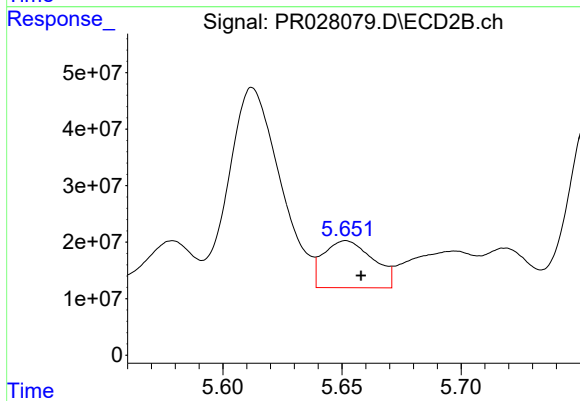
#14 AR-1232-4

R.T.: 5.612 min
Delta R.T.: -0.005 min
Response: 529861133
Conc: 821.69 ng/ml



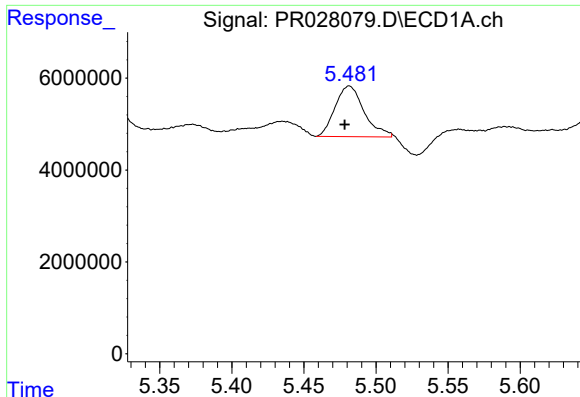
#15 AR-1232-5

R.T.: 6.365 min
Delta R.T.: 0.006 min
Response: 14837892
Conc: 86.41 ng/ml



#15 AR-1232-5

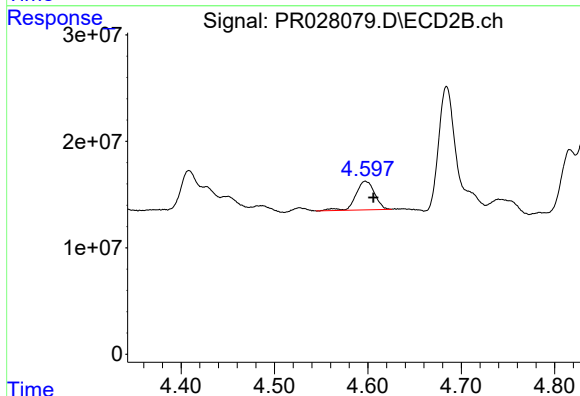
R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 120528809
Conc: 224.64 ng/ml



#16 AR-1242-1

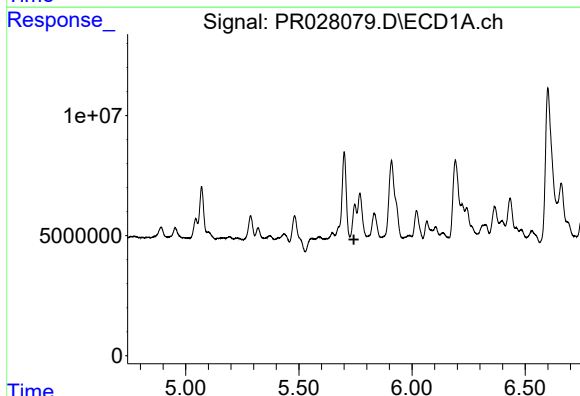
R.T.: 5.481 min
Delta R.T.: 0.003 min
Response: 15319294
Conc: 55.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



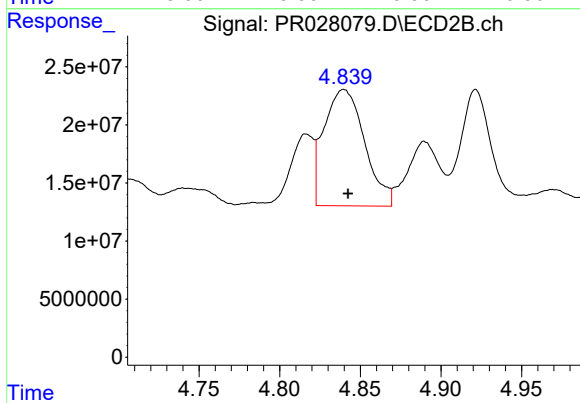
#16 AR-1242-1

R.T.: 4.597 min
Delta R.T.: -0.009 min
Response: 37766742
Conc: 39.71 ng/ml



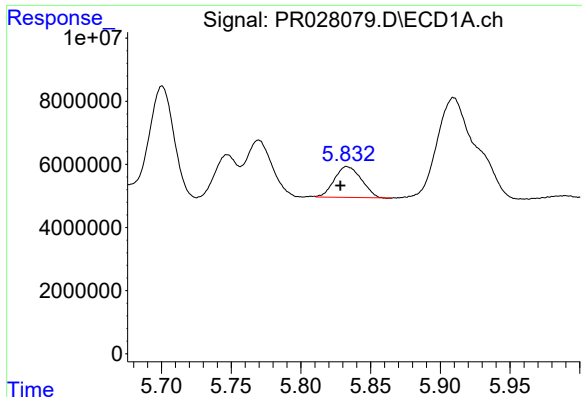
#17 AR-1242-2

R.T.: 5.747 min
Delta R.T.: 0.004 min
Response: -5359762
Conc: N.D.



#17 AR-1242-2

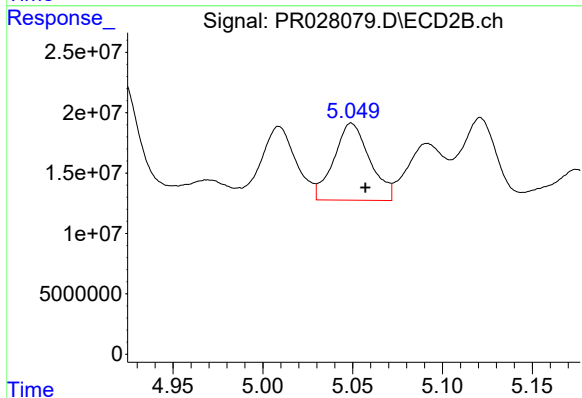
R.T.: 4.840 min
Delta R.T.: -0.003 min
Response: 175207518
Conc: 93.41 ng/ml



#18 AR-1242-3

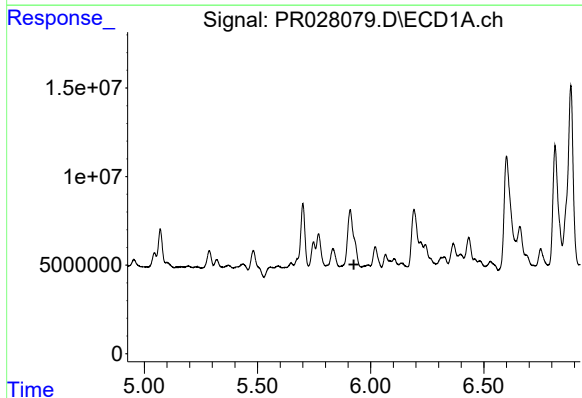
R.T.: 5.833 min
Delta R.T.: 0.005 min
Response: 13097616
Conc: 38.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



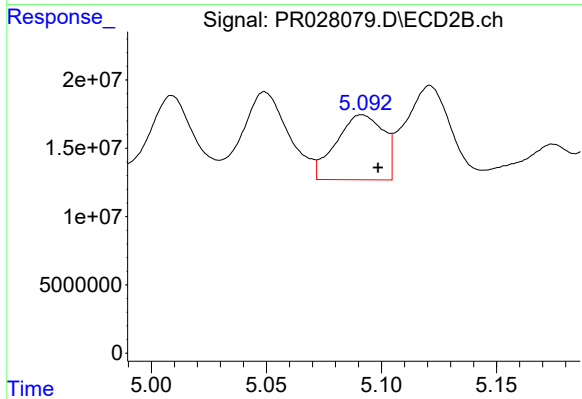
#18 AR-1242-3

R.T.: 5.049 min
Delta R.T.: -0.008 min
Response: 88911312
Conc: 120.33 ng/ml



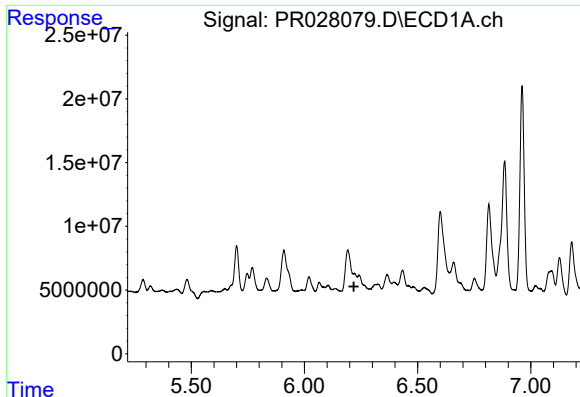
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.926 min
Response: 0
Conc: N.D.



#19 AR-1242-4

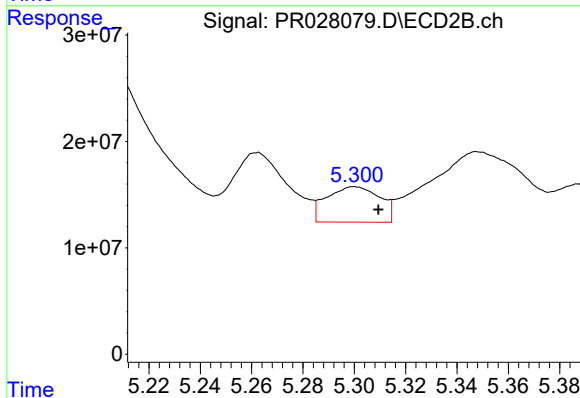
R.T.: 5.091 min
Delta R.T.: -0.007 min
Response: 68015594
Conc: 71.84 ng/ml



#20 AR-1242-5

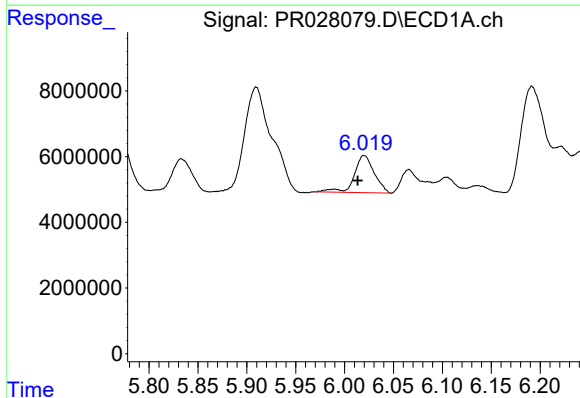
R.T.: 0.000 min
Exp R.T.: 6.218 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



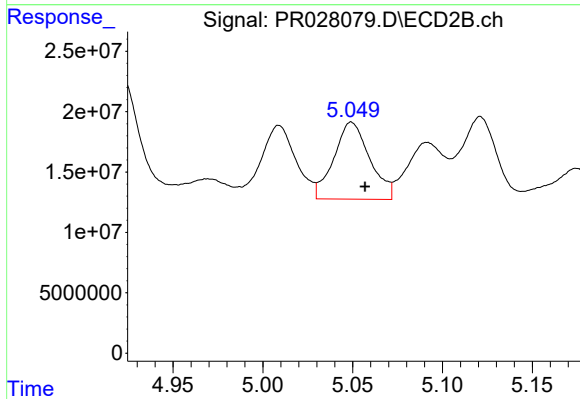
#20 AR-1242-5

R.T.: 5.300 min
Delta R.T.: -0.009 min
Response: 47782236
Conc: 116.87 ng/ml



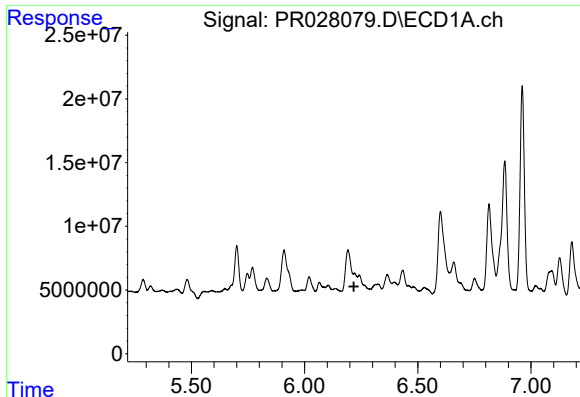
#21 AR-1248-1

R.T.: 6.020 min
Delta R.T.: 0.006 min
Response: 16038500
Conc: 38.22 ng/ml



#21 AR-1248-1

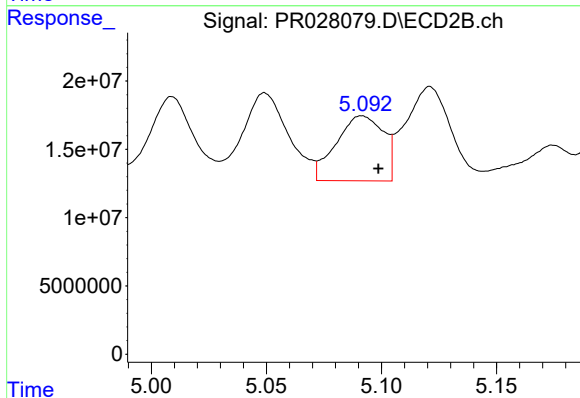
R.T.: 5.049 min
Delta R.T.: -0.008 min
Response: 88911312
Conc: 63.58 ng/ml



#22 AR-1248-2

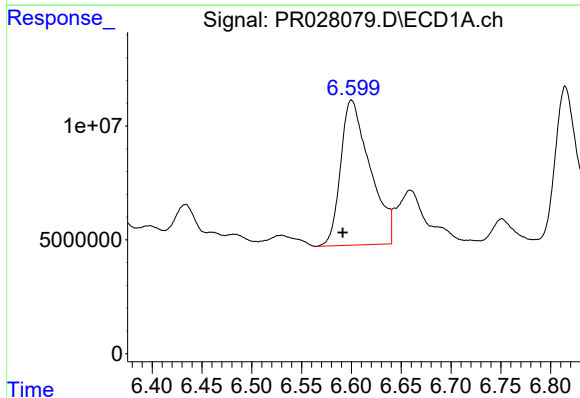
R.T.: 0.000 min
Exp R.T.: 6.218 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



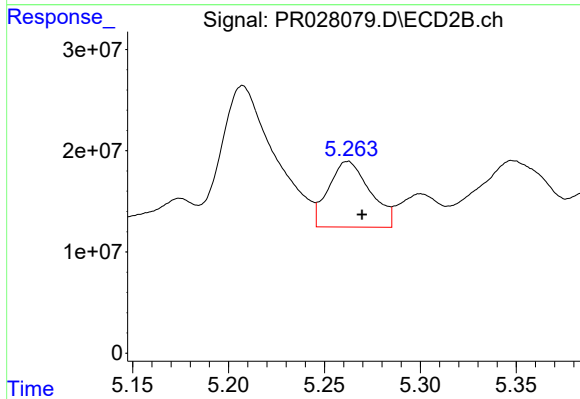
#22 AR-1248-2

R.T.: 5.091 min
Delta R.T.: -0.007 min
Response: 68015594
Conc: 46.32 ng/ml



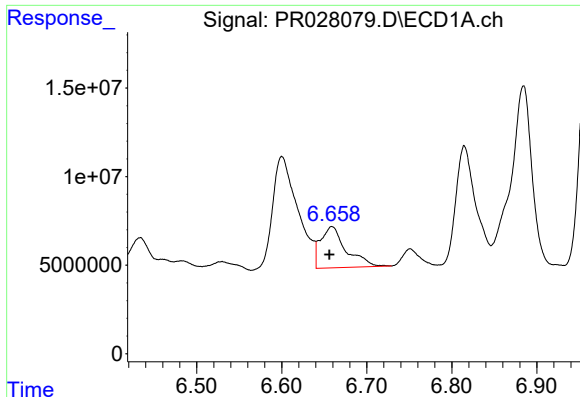
#23 AR-1248-3

R.T.: 6.600 min
Delta R.T.: 0.009 min
Response: 130569959
Conc: 320.15 ng/ml



#23 AR-1248-3

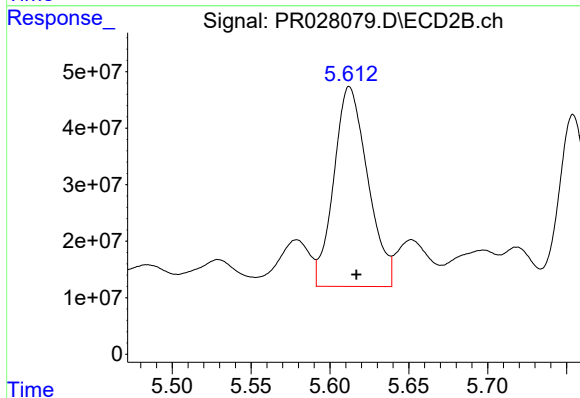
R.T.: 5.262 min
Delta R.T.: -0.008 min
Response: 98107582
Conc: 56.23 ng/ml



#24 AR-1248-4

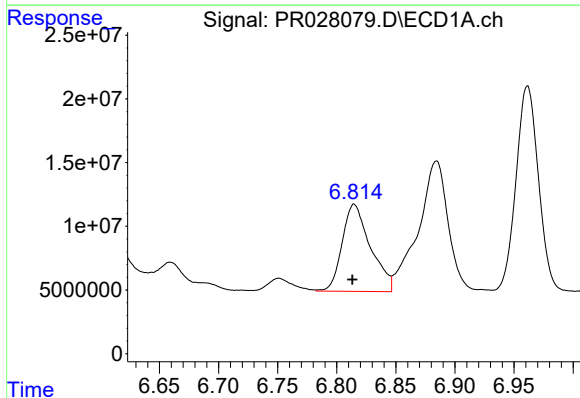
R.T.: 6.659 min
Delta R.T.: 0.003 min
Response: 48462649
Conc: 93.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



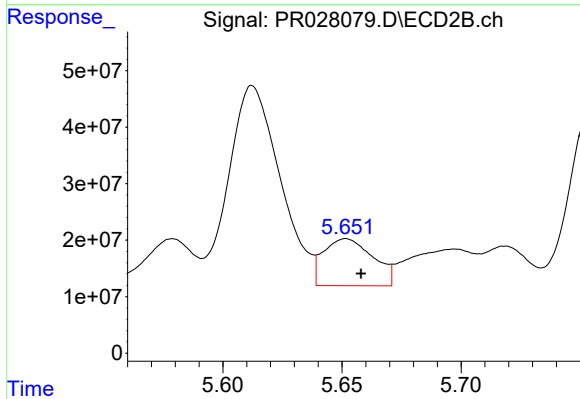
#24 AR-1248-4

R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 529861133
Conc: 211.62 ng/ml



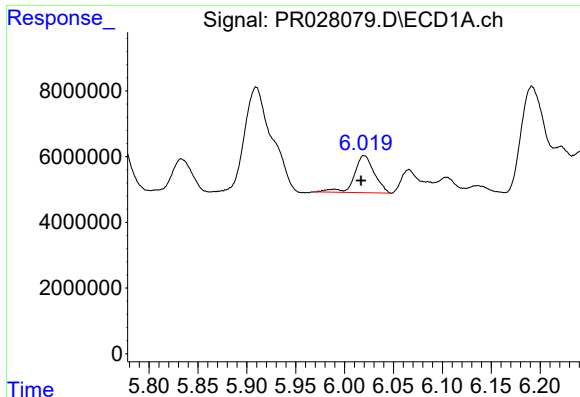
#25 AR-1248-5

R.T.: 6.815 min
Delta R.T.: 0.001 min
Response: 114154529
Conc: 223.54 ng/ml



#25 AR-1248-5

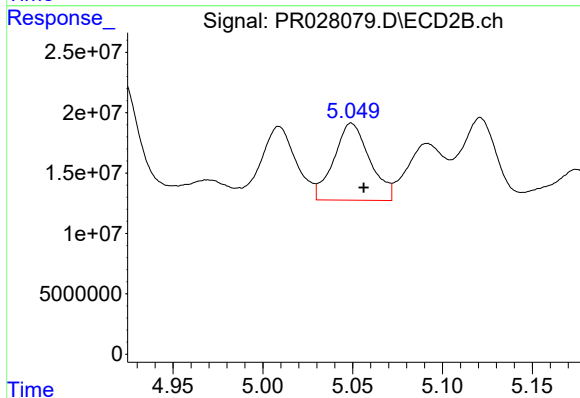
R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 120528809
Conc: 68.39 ng/ml



#26 AR-1254-1

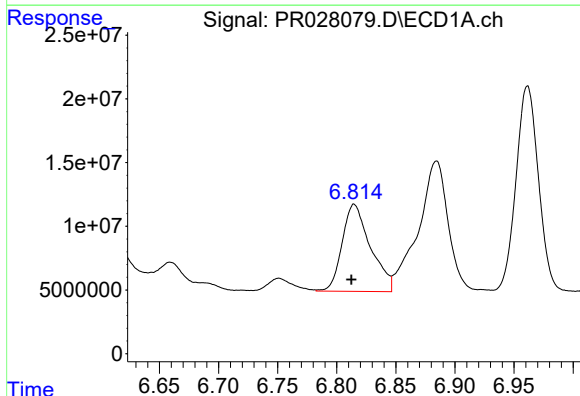
R.T.: 6.020 min
Delta R.T.: 0.003 min
Response: 16038500
Conc: 53.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



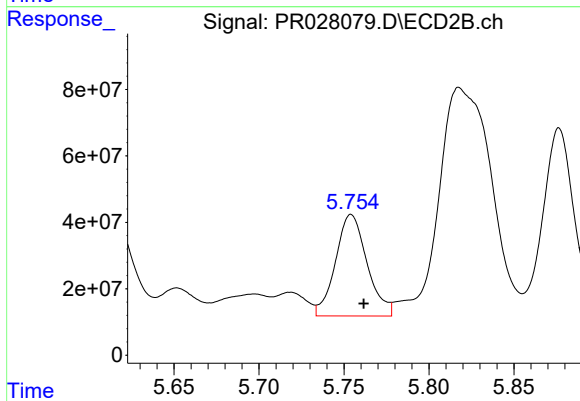
#26 AR-1254-1

R.T.: 5.049 min
Delta R.T.: -0.007 min
Response: 88911312
Conc: 79.32 ng/ml



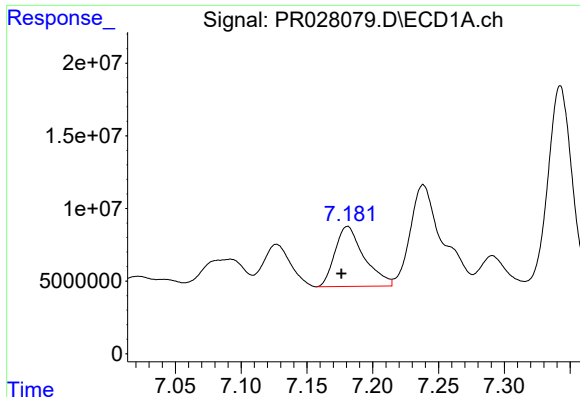
#27 AR-1254-2

R.T.: 6.815 min
Delta R.T.: 0.002 min
Response: 114154529
Conc: 144.56 ng/ml



#27 AR-1254-2

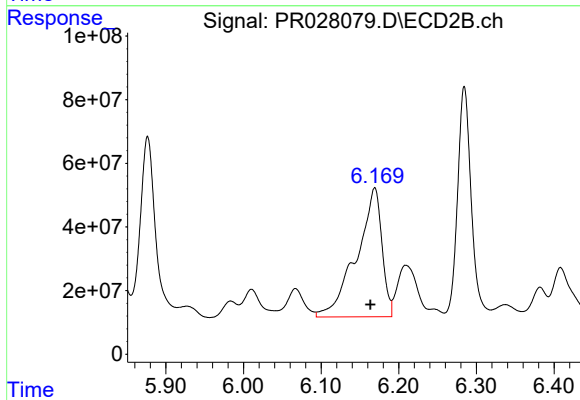
R.T.: 5.754 min
Delta R.T.: -0.007 min
Response: 395545162
Conc: 163.48 ng/ml



#28 AR-1254-3

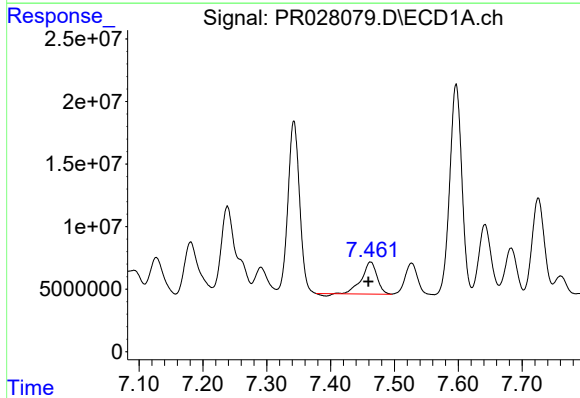
R.T.: 7.181 min
Delta R.T.: 0.005 min
Response: 63608646
Conc: 76.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



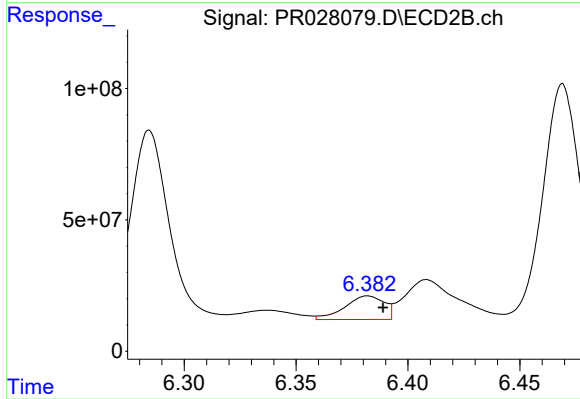
#28 AR-1254-3

R.T.: 6.169 min
Delta R.T.: 0.005 min
Response: 919898017
Conc: 234.69 ng/ml



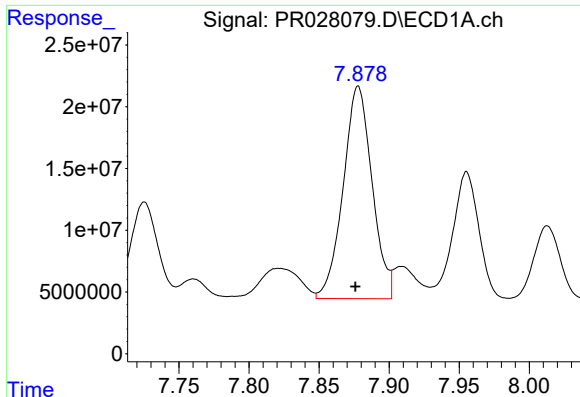
#29 AR-1254-4

R.T.: 7.463 min
Delta R.T.: 0.003 min
Response: 42134758
Conc: 68.82 ng/ml



#29 AR-1254-4

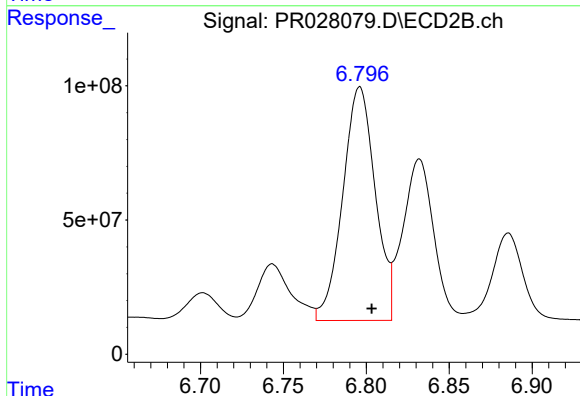
R.T.: 6.382 min
Delta R.T.: -0.007 min
Response: 110313502
Conc: 38.47 ng/ml



#30 AR-1254-5

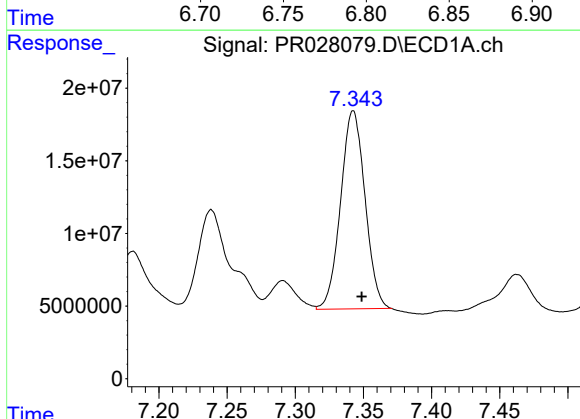
R.T.: 7.878 min
Delta R.T.: 0.002 min
Response: 247190830
Conc: 413.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



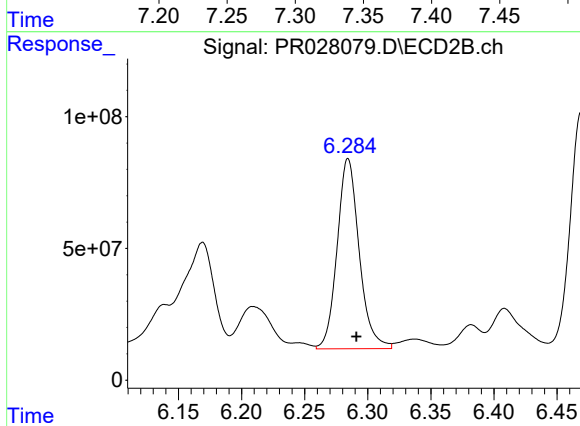
#30 AR-1254-5

R.T.: 6.796 min
Delta R.T.: -0.007 min
Response: 1188563871
Conc: 371.89 ng/ml



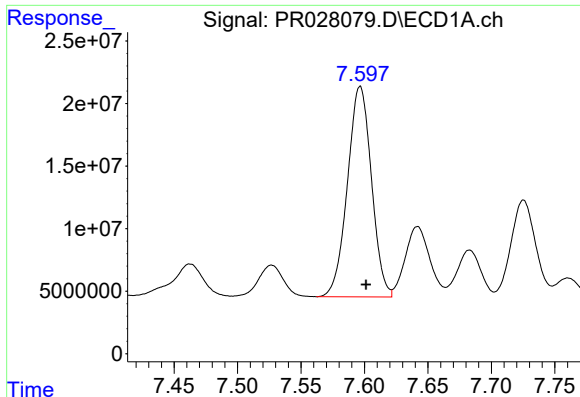
#31 AR-1260-1

R.T.: 7.343 min
Delta R.T.: -0.006 min
Response: 170116847
Conc: 333.22 ng/ml



#31 AR-1260-1

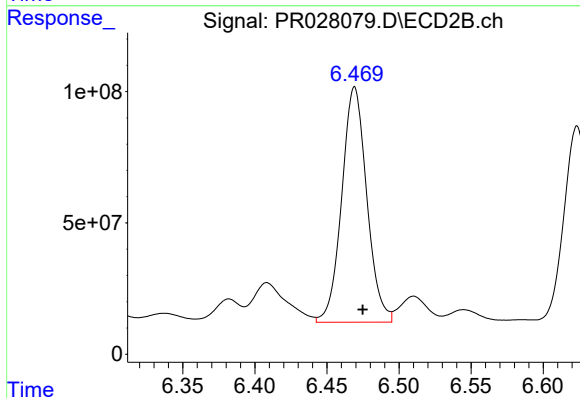
R.T.: 6.284 min
Delta R.T.: -0.007 min
Response: 878208367
Conc: 393.01 ng/ml



#32 AR-1260-2

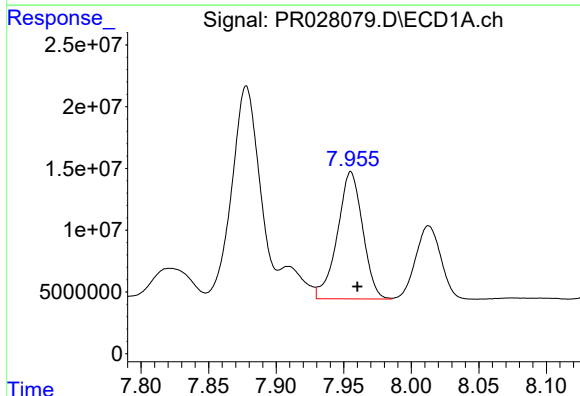
R.T.: 7.597 min
Delta R.T.: -0.005 min
Response: 221706380
Conc: 370.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



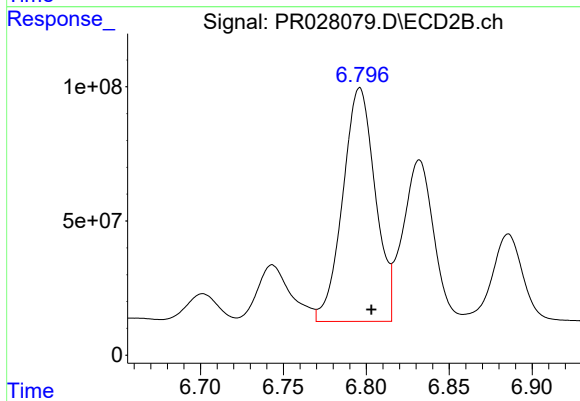
#32 AR-1260-2

R.T.: 6.469 min
Delta R.T.: -0.006 min
Response: 1080754024
Conc: 424.83 ng/ml



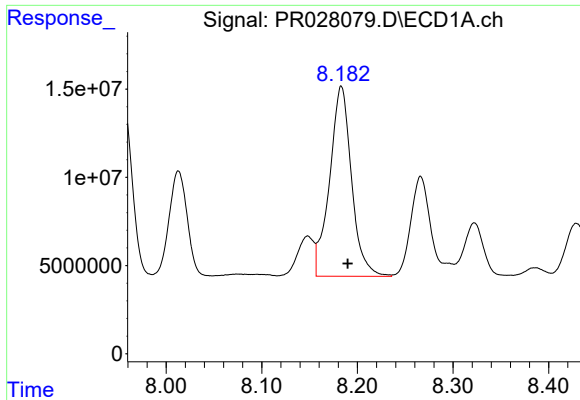
#33 AR-1260-3

R.T.: 7.955 min
Delta R.T.: -0.005 min
Response: 134169496
Conc: 316.71 ng/ml



#33 AR-1260-3

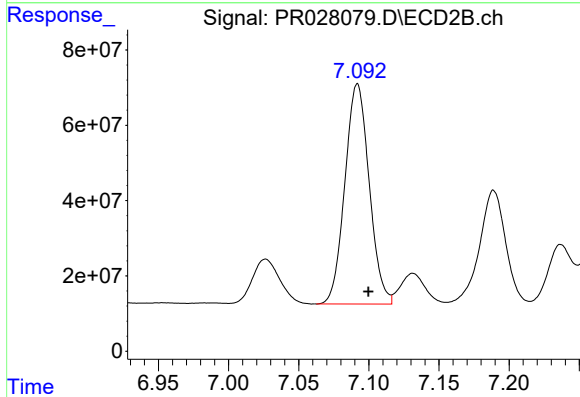
R.T.: 6.796 min
Delta R.T.: -0.007 min
Response: 1188563871
Conc: 422.08 ng/ml



#34 AR-1260-4

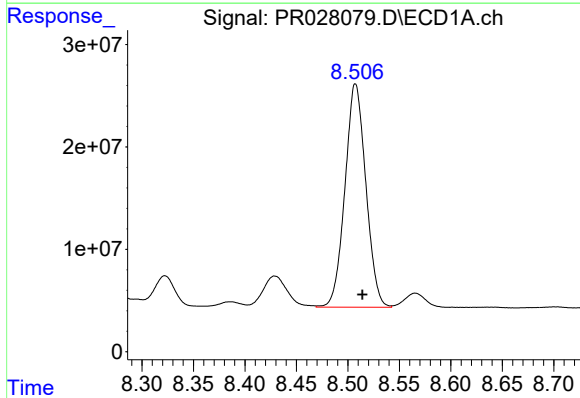
R.T.: 8.183 min
Delta R.T.: -0.007 min
Response: 171439225
Conc: 356.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



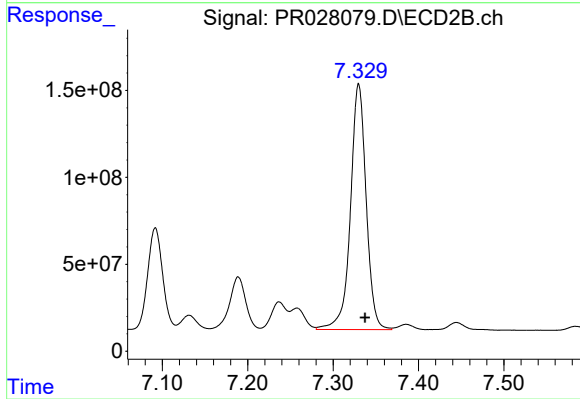
#34 AR-1260-4

R.T.: 7.092 min
Delta R.T.: -0.008 min
Response: 704808242
Conc: 394.82 ng/ml



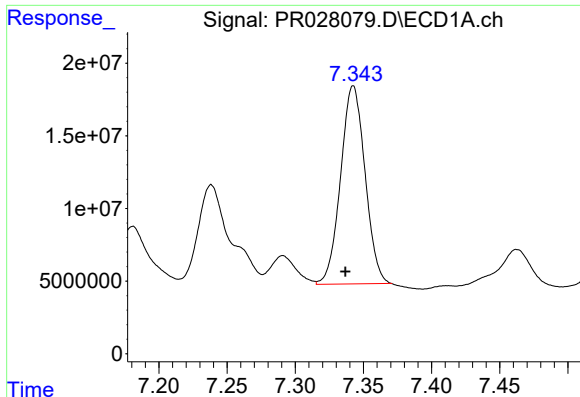
#35 AR-1260-5

R.T.: 8.507 min
Delta R.T.: -0.007 min
Response: 308340884
Conc: 355.62 ng/ml



#35 AR-1260-5

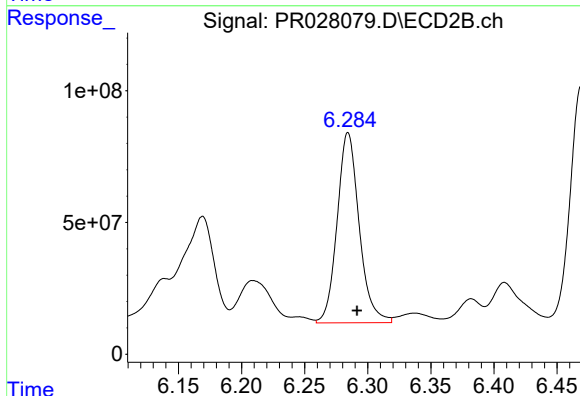
R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 1806320537
Conc: 406.10 ng/ml



#36 AR-1262-1

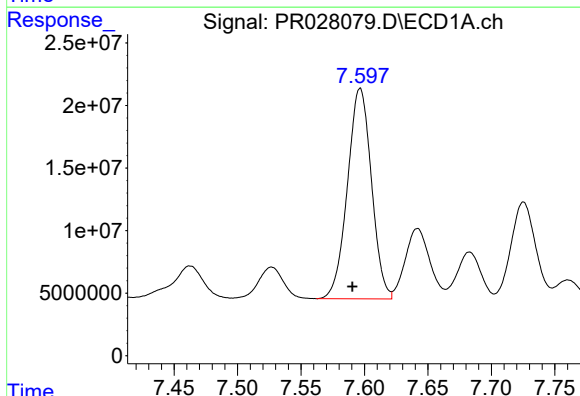
R.T.: 7.343 min
Delta R.T.: 0.006 min
Response: 170116847
Conc: 343.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



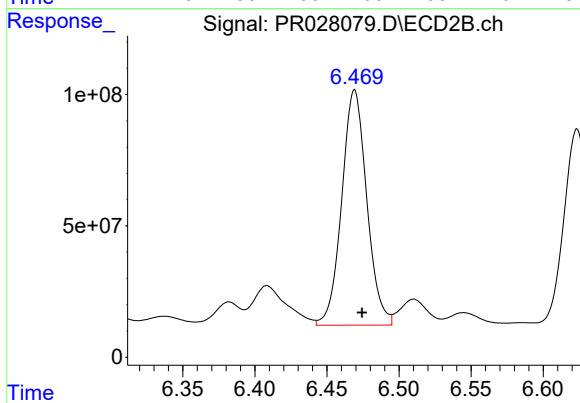
#36 AR-1262-1

R.T.: 6.284 min
Delta R.T.: -0.007 min
Response: 878208367
Conc: 393.80 ng/ml



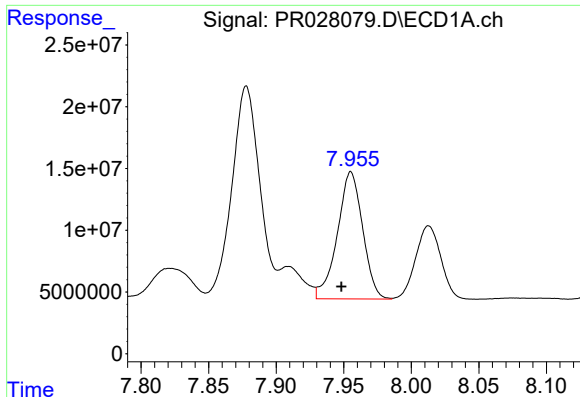
#37 AR-1262-2

R.T.: 7.597 min
Delta R.T.: 0.006 min
Response: 221706380
Conc: 398.82 ng/ml



#37 AR-1262-2

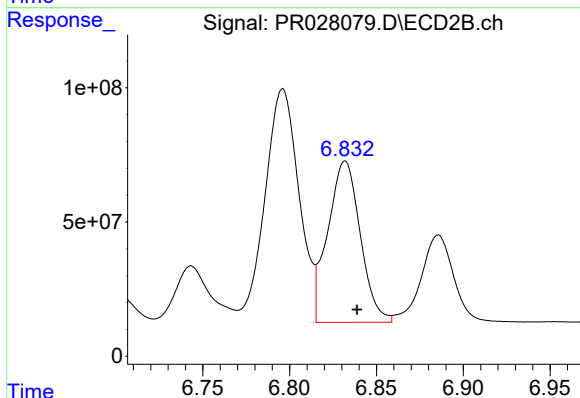
R.T.: 6.469 min
Delta R.T.: -0.005 min
Response: 1080754024
Conc: 495.28 ng/ml



#38 AR-1262-3

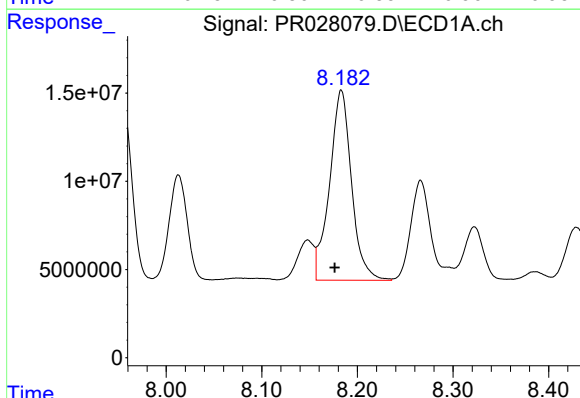
R.T.: 7.955 min
Delta R.T.: 0.007 min
Response: 134169496
Conc: 188.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



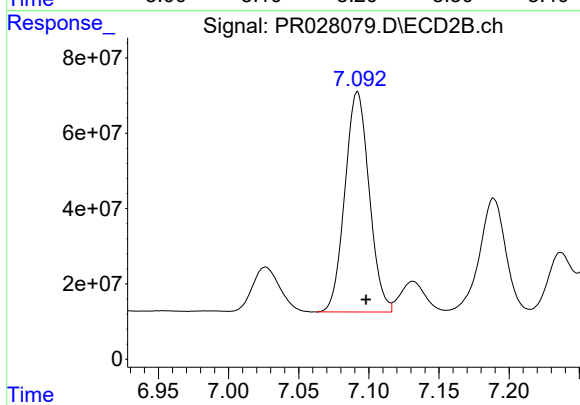
#38 AR-1262-3

R.T.: 6.832 min
Delta R.T.: -0.007 min
Response: 782990223
Conc: 263.55 ng/ml



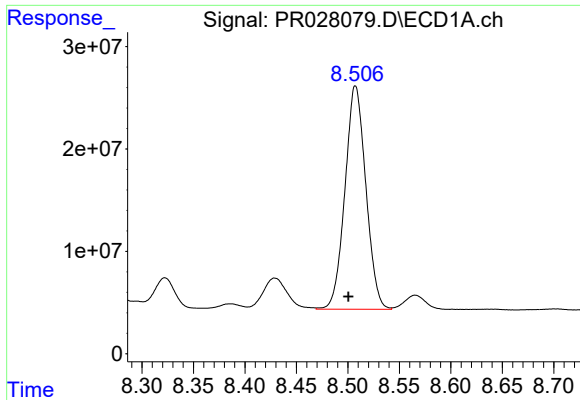
#39 AR-1262-4

R.T.: 8.183 min
Delta R.T.: 0.007 min
Response: 171439225
Conc: 257.74 ng/ml



#39 AR-1262-4

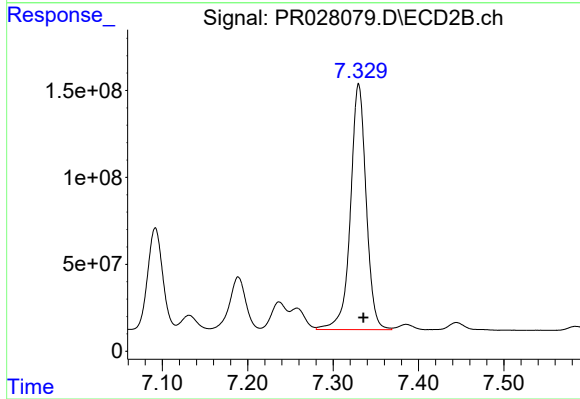
R.T.: 7.092 min
Delta R.T.: -0.006 min
Response: 704808242
Conc: 227.63 ng/ml



#40 AR-1262-5

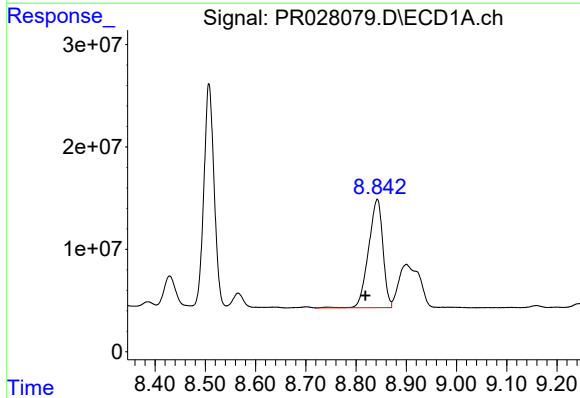
R.T.: 8.507 min
Delta R.T.: 0.007 min
Response: 308340884
Conc: 271.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



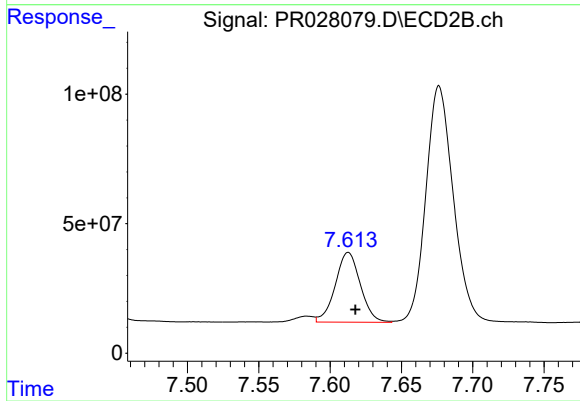
#40 AR-1262-5

R.T.: 7.330 min
Delta R.T.: -0.005 min
Response: 1806320537
Conc: 279.64 ng/ml



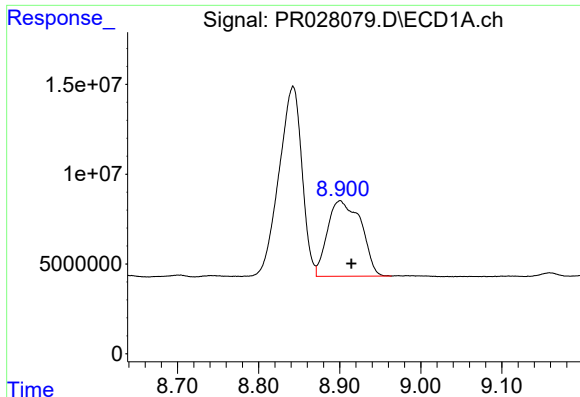
#41 AR-1268-1

R.T.: 8.842 min
Delta R.T.: 0.024 min
Response: 209573353
Conc: 176.00 ng/ml



#41 AR-1268-1

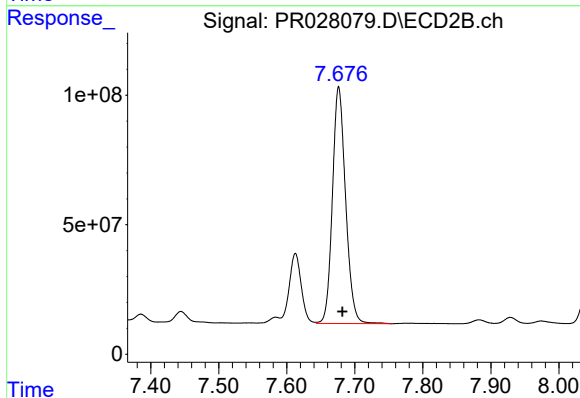
R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 329855153
Conc: 48.02 ng/ml



#42 AR-1268-2

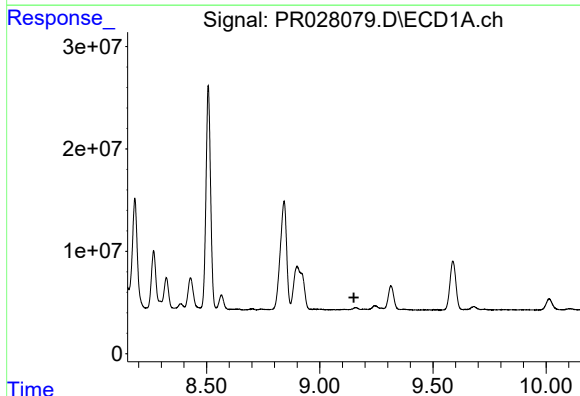
R.T.: 8.901 min
Delta R.T.: -0.014 min
Response: 120958383
Conc: 109.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



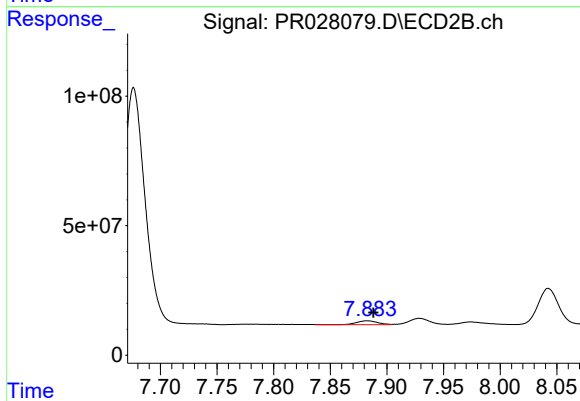
#42 AR-1268-2

R.T.: 7.676 min
Delta R.T.: -0.006 min
Response: 1227589728
Conc: 191.37 ng/ml



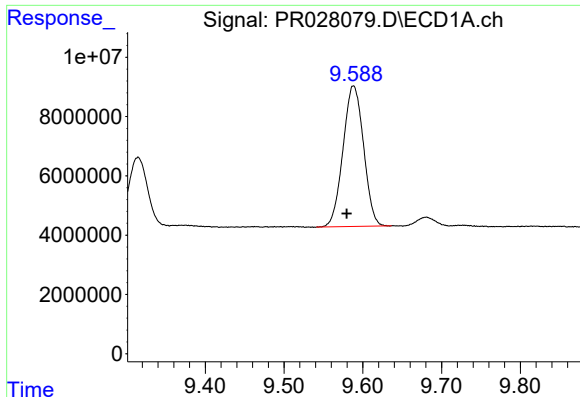
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.151 min
Response: 0
Conc: N.D.



#43 AR-1268-3

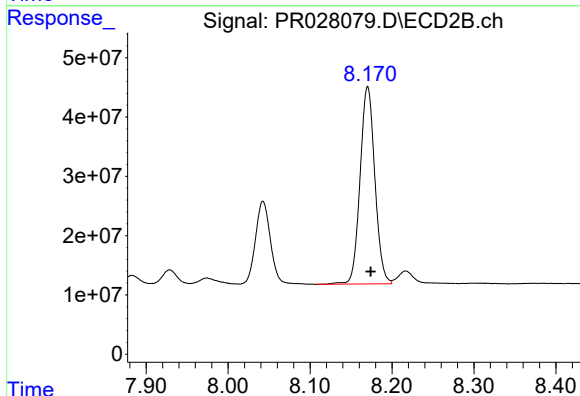
R.T.: 7.883 min
Delta R.T.: -0.006 min
Response: 18476046
Conc: 3.36 ng/ml



#44 AR-1268-4

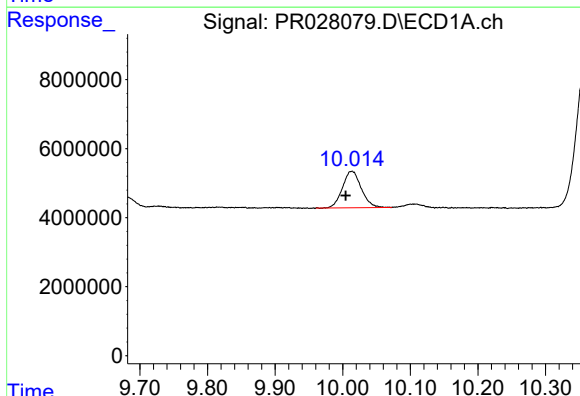
R.T.: 9.588 min
Delta R.T.: 0.009 min
Response: 85923430
Conc: 205.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



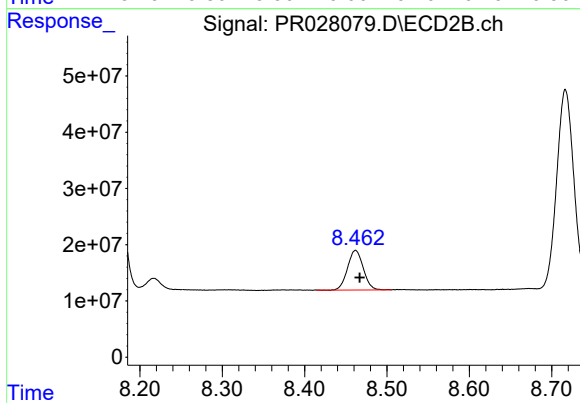
#44 AR-1268-4

R.T.: 8.170 min
Delta R.T.: -0.004 min
Response: 416405335
Conc: 205.47 ng/ml



#45 AR-1268-5

R.T.: 10.013 min
Delta R.T.: 0.009 min
Response: 20528045
Conc: 8.26 ng/ml



#45 AR-1268-5

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 93344869
Conc: 6.11 ng/ml