

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052819\
 Data File : P0056644.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 May 2019 16:27
 Operator : SM/SJ
 Sample : PB120028BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB120028BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 04:25:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.252	3.570	725253	599632	18.944	18.183
2)	SA Decachlor...	9.834	8.507	1089385	701352	22.194	19.670
Target Compounds							
3)	L1 AR-1016-1	5.415	4.639	340615	235899	189.376	187.447
4)	L1 AR-1016-2	5.436	4.658	497387	342430	198.077	190.067
5)	L1 AR-1016-3	5.498	4.832	312120	182911	194.189	185.519
6)	L1 AR-1016-4	5.595	4.872	251824	153621	191.969	185.567
7)	L1 AR-1016-5	5.887	5.083	266806	187210	193.112	174.519
9)	L2 AR-1221-2	0.000	3.866	0	28520	N.D.	75.677 #
10)	L2 AR-1221-3	4.625	3.940	148460	109759	100.442	91.691
11)	L3 AR-1232-1	4.625	3.940	148460	109759	125.986	122.177
12)	L3 AR-1232-2	5.148	4.658	230632	342430	347.840	352.338
13)	L3 AR-1232-3	5.436	4.832	497387	182911	350.606	349.540
14)	L3 AR-1232-4	5.595	4.913	251824	183313	357.742	372.067
15)	L3 AR-1232-5	5.685	5.083	237166	187210	419.474	332.372
16)	L4 AR-1242-1	5.415	4.639	340615	235899	197.436	190.459
17)	L4 AR-1242-2	5.436	4.658	497387	342430	195.916	190.406
18)	L4 AR-1242-3	5.498	4.832	312120	182911	191.954	186.055
19)	L4 AR-1242-4	5.595	4.913	251824	183313	188.389	188.381
20)	L4 AR-1242-5	6.260	5.431	147072	148422	89.131	125.539 #
21)	L5 AR-1248-1	5.415	4.639	340615	235899	264.347	251.890
22)	L5 AR-1248-2	5.685	4.872	237166	153621	127.310	120.919
23)	L5 AR-1248-3	5.887	4.913	266806	183313	130.063	140.373
24)	L5 AR-1248-4	6.260	5.083	147072	187210	63.566	118.216 #
25)	L5 AR-1248-5	6.260	5.472	147072	21687	66.870	13.103 #
26)	L6 AR-1254-1	6.260	5.431	147072	148422	53.428	56.120
27)	L6 AR-1254-2	6.477	5.577	205313	134827	52.860	62.542
28)	L6 AR-1254-3	6.844	5.991	121977	283511	29.582	77.439 #
29)	L6 AR-1254-4	7.127	6.205	83963	38563	27.896	17.553 #
30)	L6 AR-1254-5	7.543	6.618	747949	506523	198.625	159.775
31)	L7 AR-1260-1	7.004	6.106	495171	393908	192.960	196.916
32)	L7 AR-1260-2	7.261	6.293	592275	494178	195.848	200.481
33)	L7 AR-1260-3	7.617	6.445	473980	448706	196.749	200.027
34)	L7 AR-1260-4	7.842	6.912	526166	384422	200.887	206.565
35)	L7 AR-1260-5	8.151	7.154	1023062	867652	213.936	201.202
36)	L8 AR-1262-1	7.617	6.654	473980	459490	101.344	110.082
37)	L8 AR-1262-2	8.151	7.154	1023062	867652	134.193	126.284
38)	L8 AR-1262-3	8.460	7.433	661338	232048	126.365	78.569 #
39)	L8 AR-1262-4	8.511	7.498	444370	660124	104.090	126.689
40)	L8 AR-1262-5	9.145	7.990	300820	229024	109.482	98.626
41)	L9 AR-1268-1	8.460	7.433	661338	232048	81.270	31.084 #
42)	L9 AR-1268-2	8.511	7.498	444370	660124	54.930	94.532 #

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 Acq On : 28 May 2019 16:27
 Operator : SM/SJ
 Sample : PB120028BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

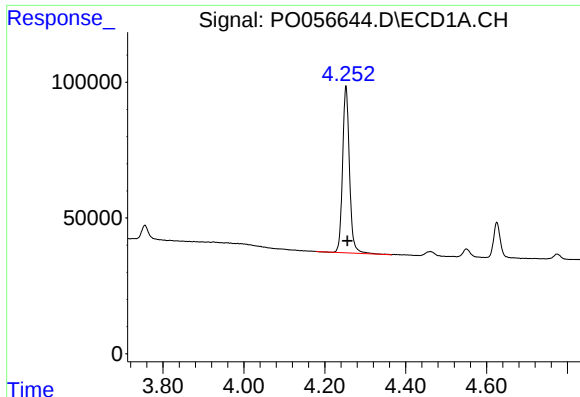
Instrument :
 ECD_O
 ClientSampleId :
 PB120028BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 04:25:09 2019
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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
44) L9	AR-1268-4	9.145	7.990	300820	229024	110.309	98.115
45) L9	AR-1268-5	9.525	8.267	85447	51321	4.076	2.965 #

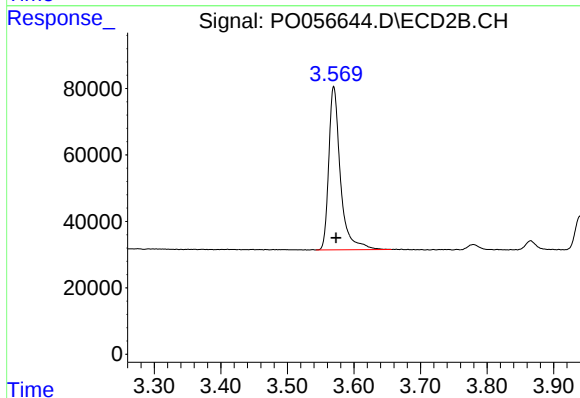
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

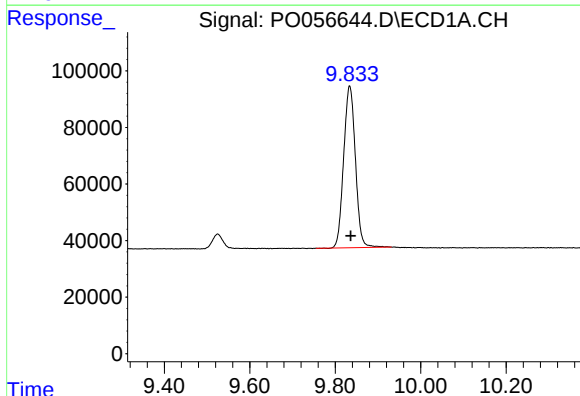
R.T.: 4.252 min
Delta R.T.: -0.004 min
Response: 725253
Conc: 18.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



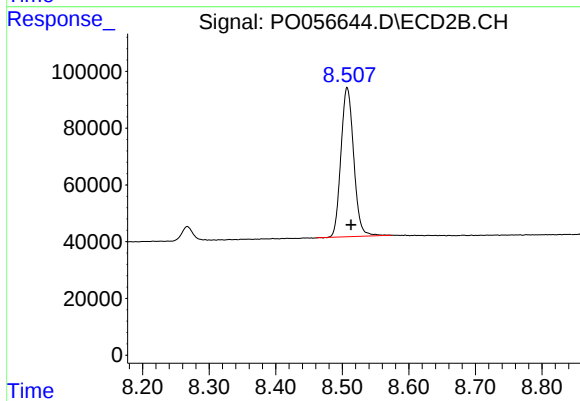
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.003 min
Response: 599632
Conc: 18.18 ng/ml



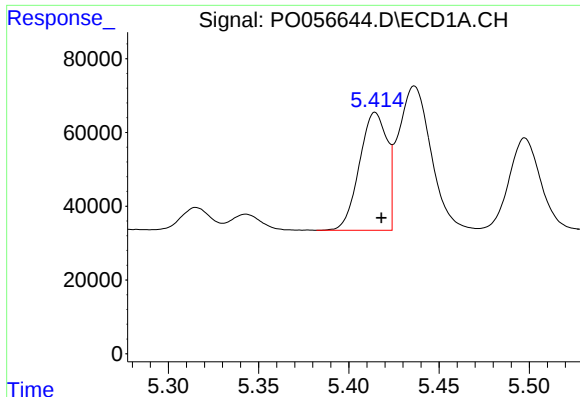
#2 Decachlorobiphenyl

R.T.: 9.834 min
Delta R.T.: -0.002 min
Response: 1089385
Conc: 22.19 ng/ml



#2 Decachlorobiphenyl

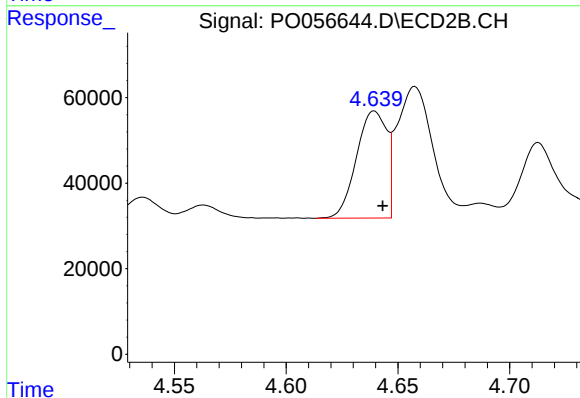
R.T.: 8.507 min
Delta R.T.: -0.006 min
Response: 701352
Conc: 19.67 ng/ml



#3 AR-1016-1

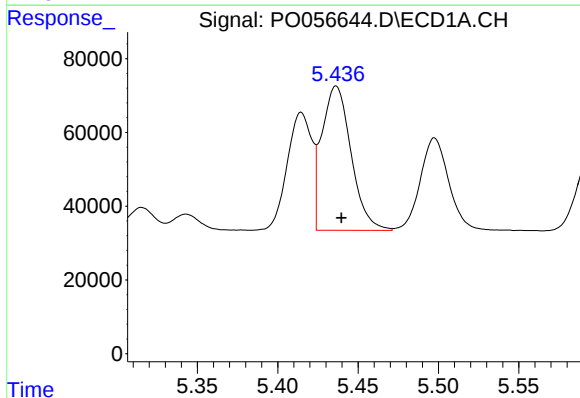
R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 340615
Conc: 189.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



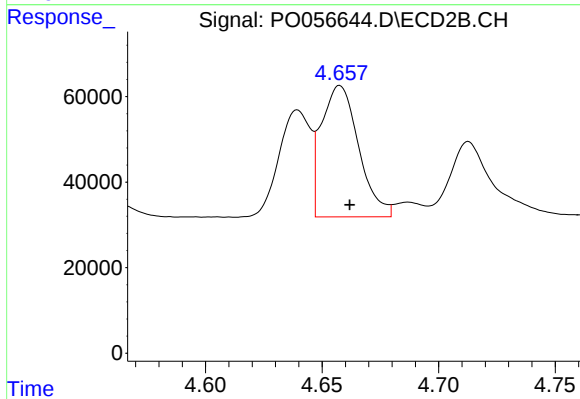
#3 AR-1016-1

R.T.: 4.639 min
Delta R.T.: -0.004 min
Response: 235899
Conc: 187.45 ng/ml



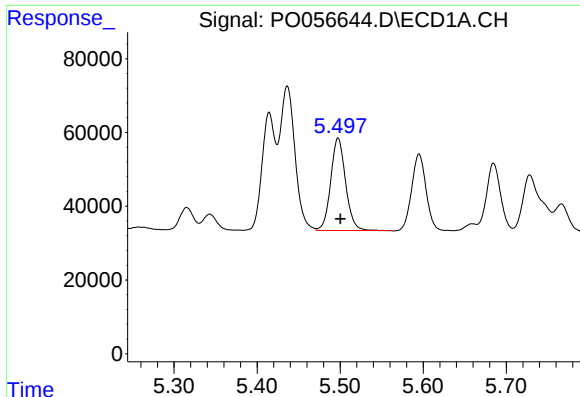
#4 AR-1016-2

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 497387
Conc: 198.08 ng/ml



#4 AR-1016-2

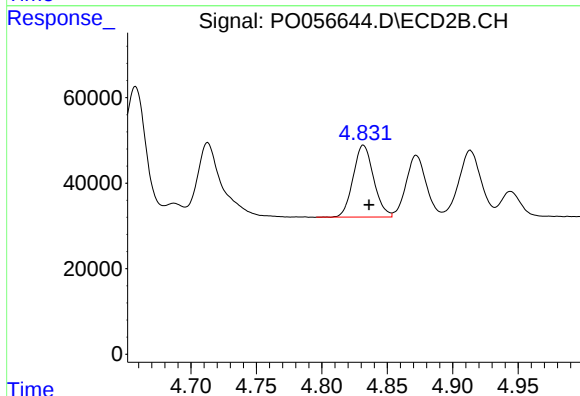
R.T.: 4.658 min
Delta R.T.: -0.004 min
Response: 342430
Conc: 190.07 ng/ml



#5 AR-1016-3

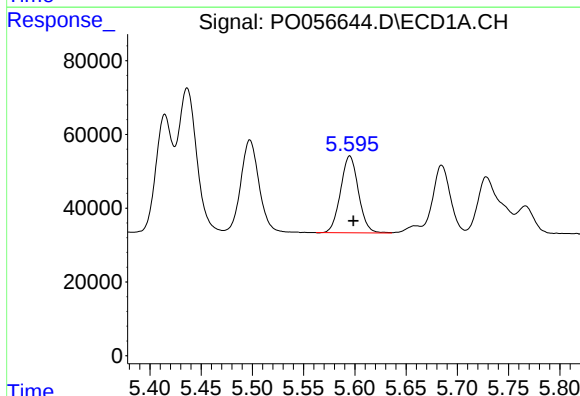
R.T.: 5.498 min
Delta R.T.: -0.002 min
Response: 312120
Conc: 194.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



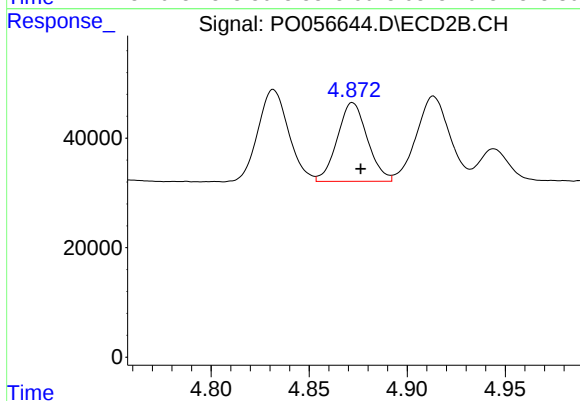
#5 AR-1016-3

R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 182911
Conc: 185.52 ng/ml



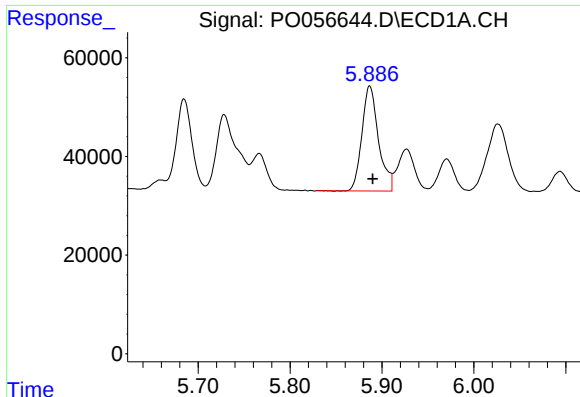
#6 AR-1016-4

R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 251824
Conc: 191.97 ng/ml



#6 AR-1016-4

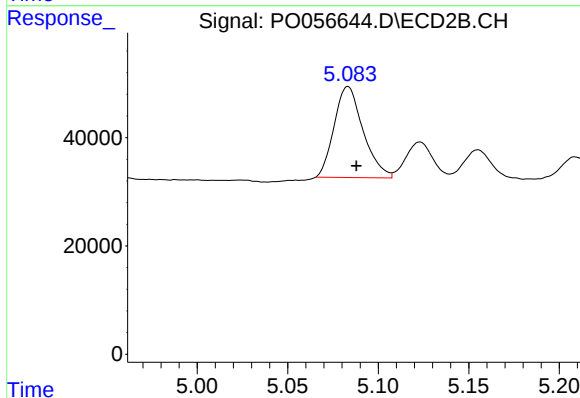
R.T.: 4.872 min
Delta R.T.: -0.004 min
Response: 153621
Conc: 185.57 ng/ml



#7 AR-1016-5

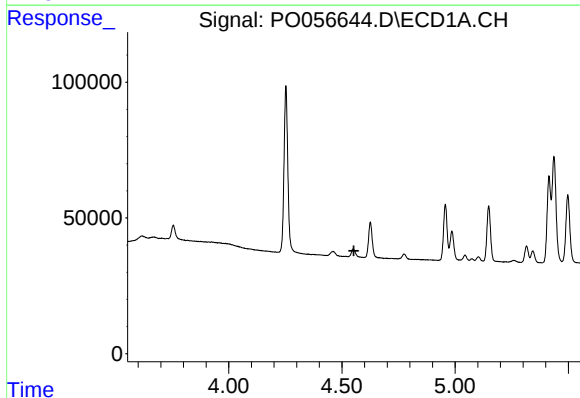
R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 266806
Conc: 193.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



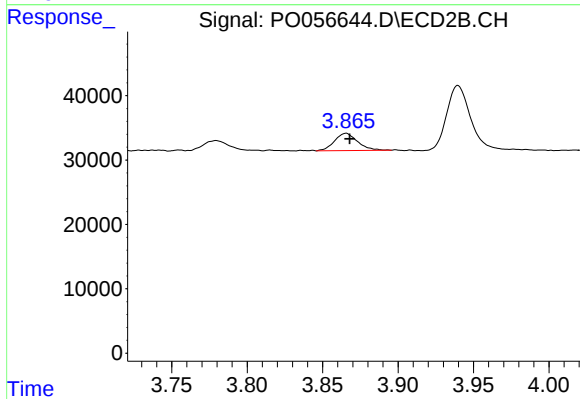
#7 AR-1016-5

R.T.: 5.083 min
Delta R.T.: -0.005 min
Response: 187210
Conc: 174.52 ng/ml



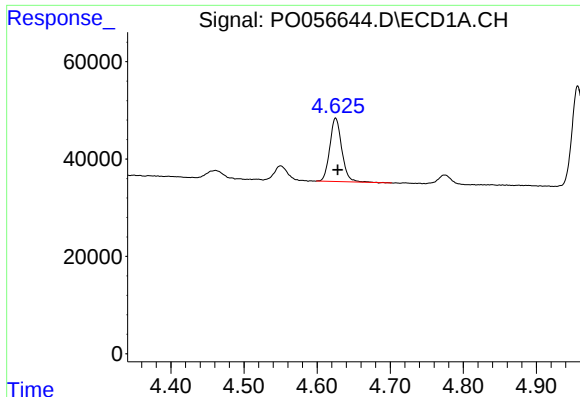
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#9 AR-1221-2

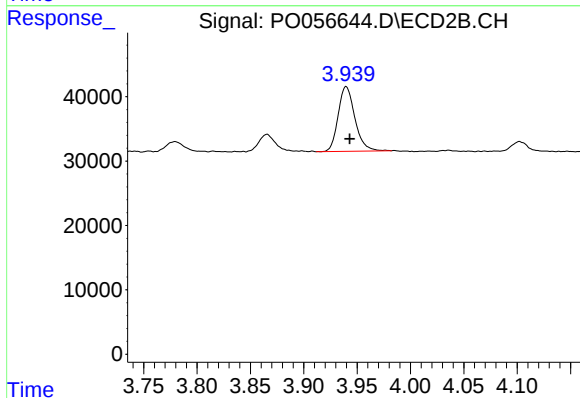
R.T.: 3.866 min
Delta R.T.: -0.002 min
Response: 28520
Conc: 75.68 ng/ml



#10 AR-1221-3

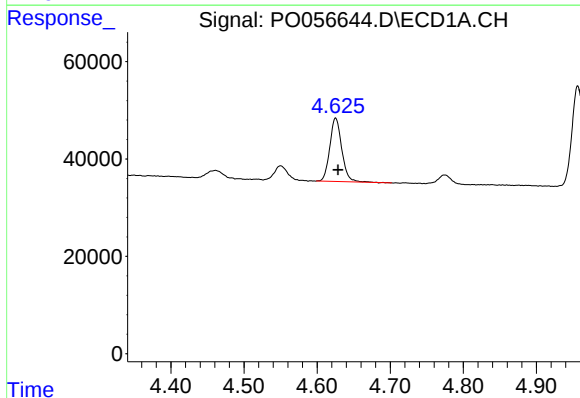
R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 148460
Conc: 100.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



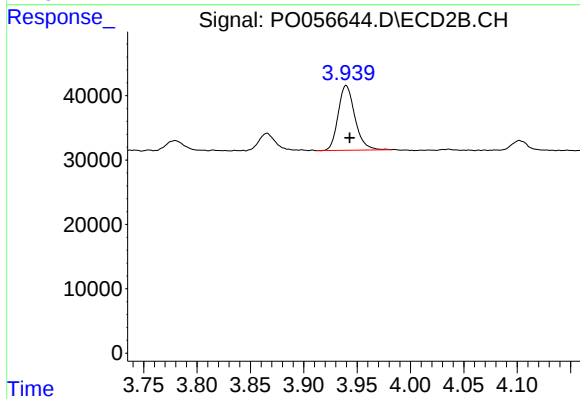
#10 AR-1221-3

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 109759
Conc: 91.69 ng/ml



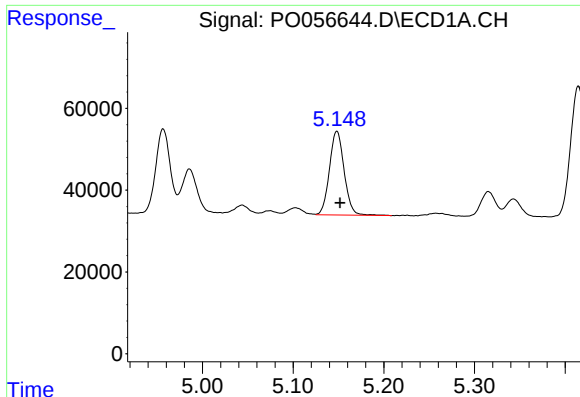
#11 AR-1232-1

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 148460
Conc: 125.99 ng/ml



#11 AR-1232-1

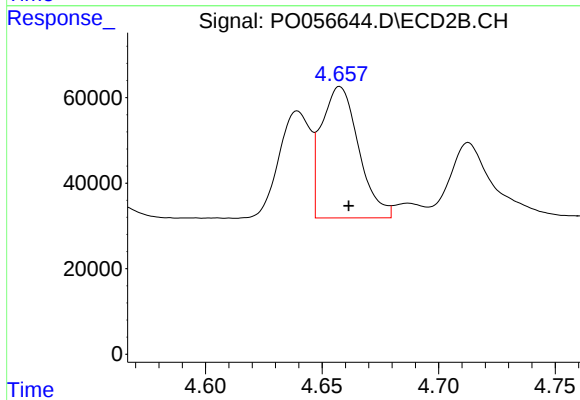
R.T.: 3.940 min
Delta R.T.: -0.004 min
Response: 109759
Conc: 122.18 ng/ml



#12 AR-1232-2

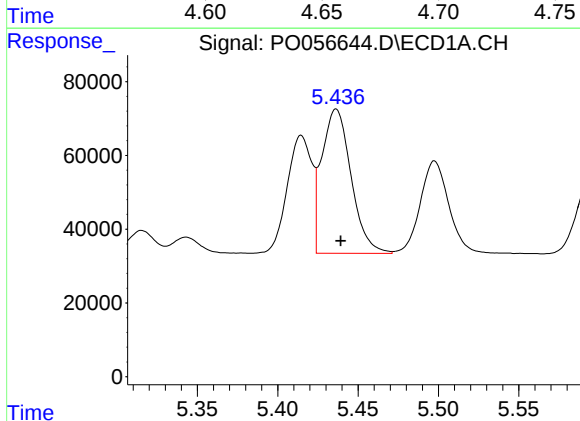
R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 230632
Conc: 347.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



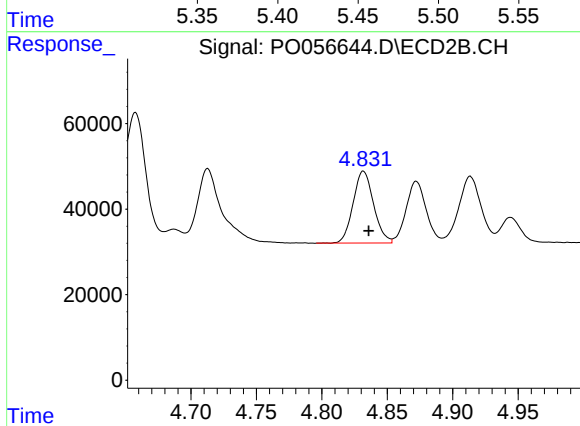
#12 AR-1232-2

R.T.: 4.658 min
Delta R.T.: -0.004 min
Response: 342430
Conc: 352.34 ng/ml



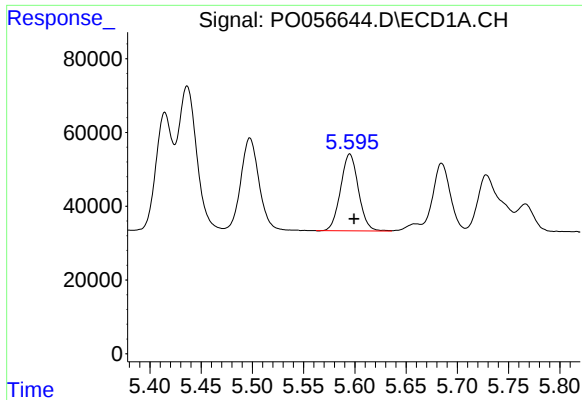
#13 AR-1232-3

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 497387
Conc: 350.61 ng/ml



#13 AR-1232-3

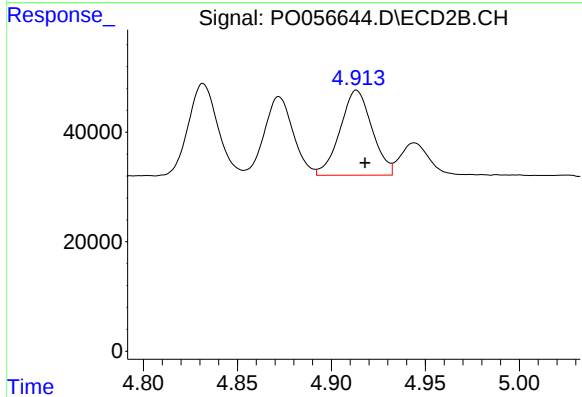
R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 182911
Conc: 349.54 ng/ml



#14 AR-1232-4

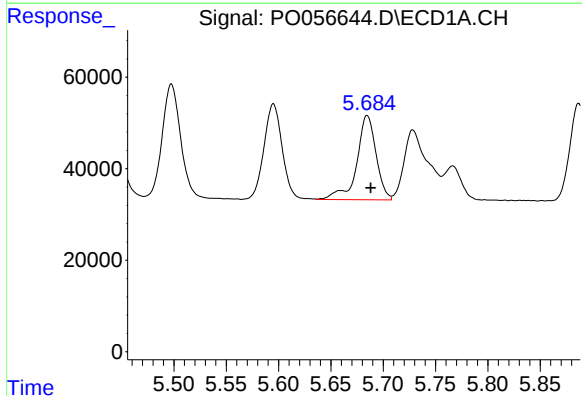
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 251824
Conc: 357.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



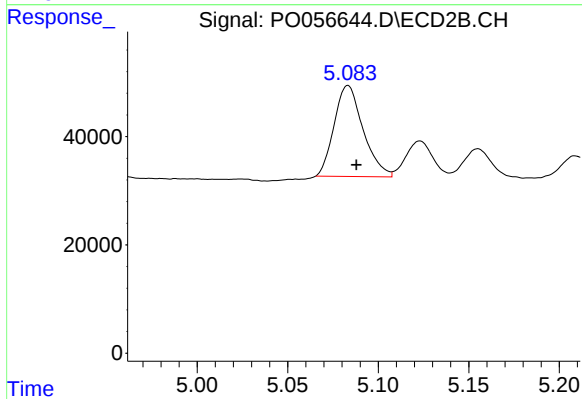
#14 AR-1232-4

R.T.: 4.913 min
Delta R.T.: -0.004 min
Response: 183313
Conc: 372.07 ng/ml



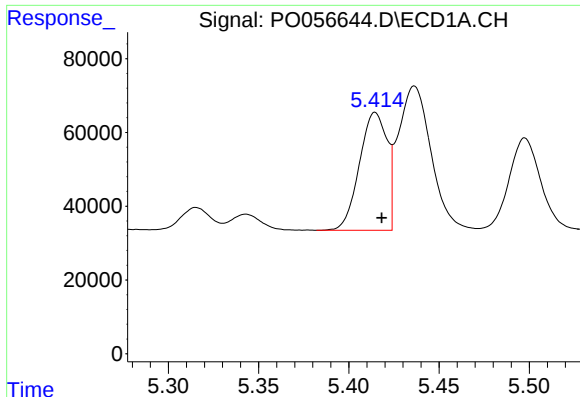
#15 AR-1232-5

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 237166
Conc: 419.47 ng/ml



#15 AR-1232-5

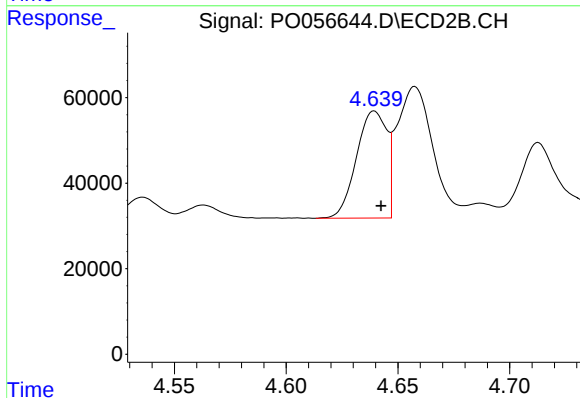
R.T.: 5.083 min
Delta R.T.: -0.005 min
Response: 187210
Conc: 332.37 ng/ml



#16 AR-1242-1

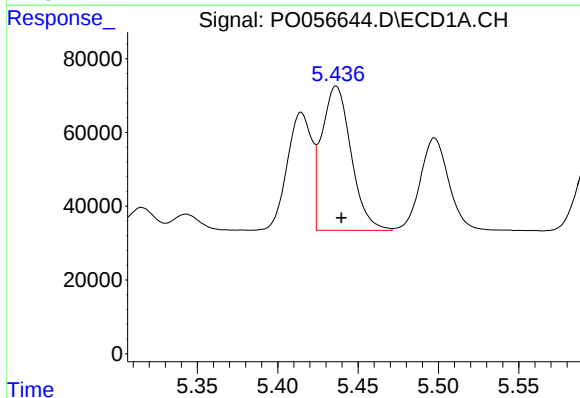
R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 340615
Conc: 197.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



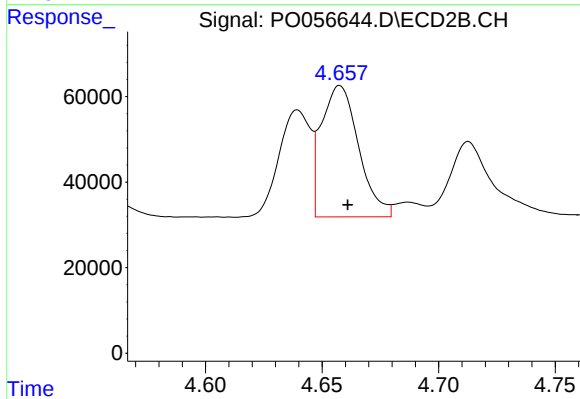
#16 AR-1242-1

R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 235899
Conc: 190.46 ng/ml



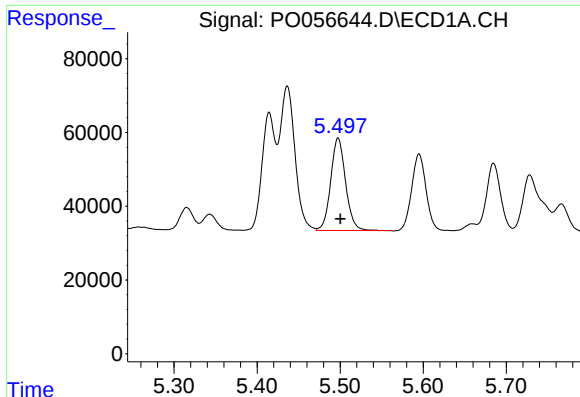
#17 AR-1242-2

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 497387
Conc: 195.92 ng/ml



#17 AR-1242-2

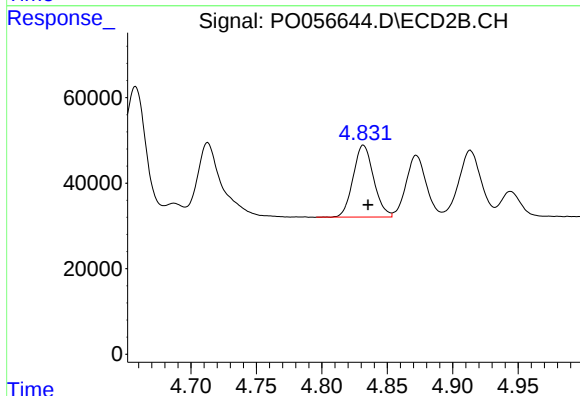
R.T.: 4.658 min
Delta R.T.: -0.003 min
Response: 342430
Conc: 190.41 ng/ml



#18 AR-1242-3

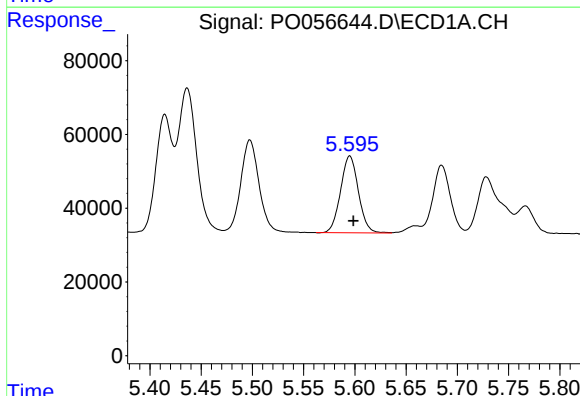
R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 312120
Conc: 191.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



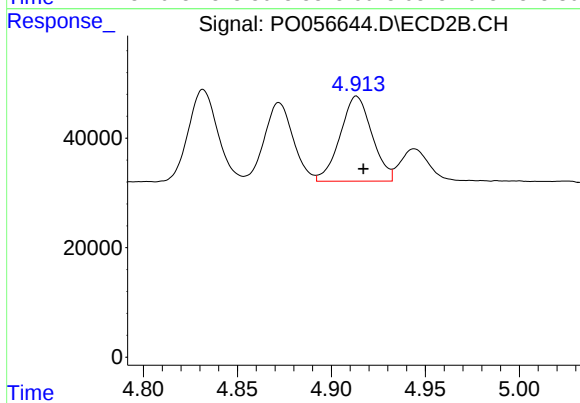
#18 AR-1242-3

R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 182911
Conc: 186.05 ng/ml



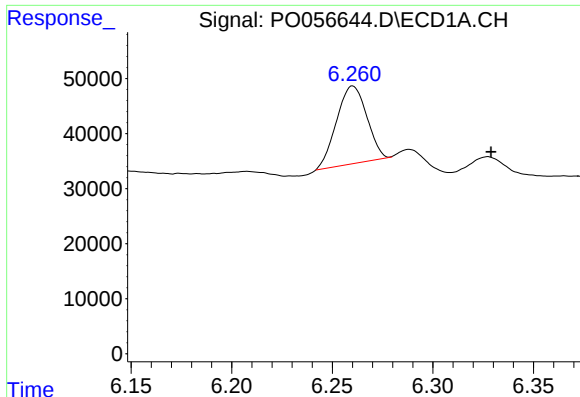
#19 AR-1242-4

R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 251824
Conc: 188.39 ng/ml



#19 AR-1242-4

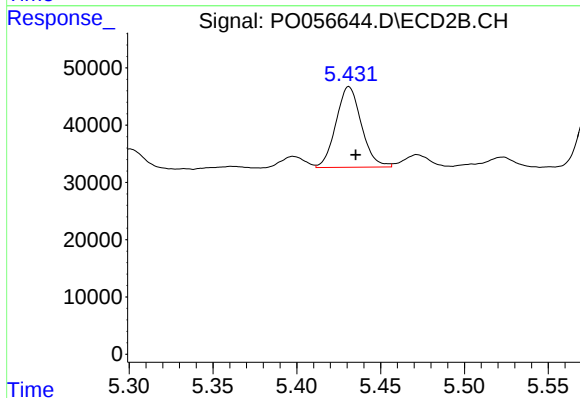
R.T.: 4.913 min
Delta R.T.: -0.004 min
Response: 183313
Conc: 188.38 ng/ml



#20 AR-1242-5

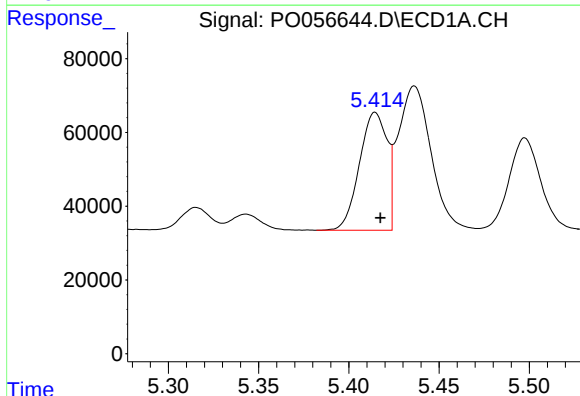
R.T.: 6.260 min
Delta R.T.: -0.069 min
Response: 147072
Conc: 89.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



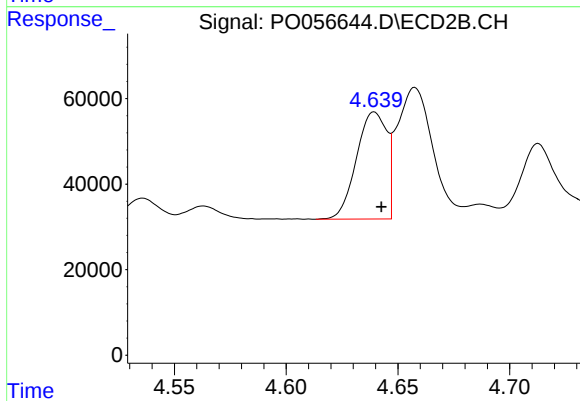
#20 AR-1242-5

R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 148422
Conc: 125.54 ng/ml



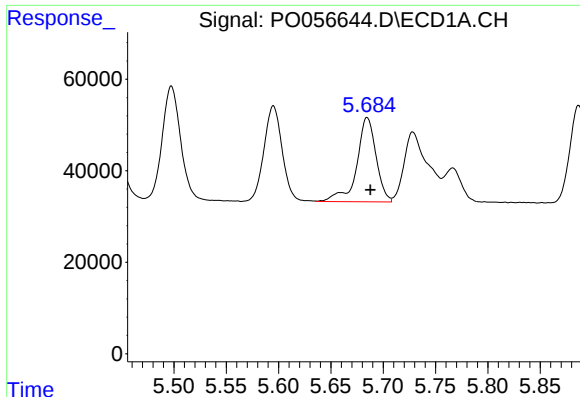
#21 AR-1248-1

R.T.: 5.415 min
Delta R.T.: -0.003 min
Response: 340615
Conc: 264.35 ng/ml



#21 AR-1248-1

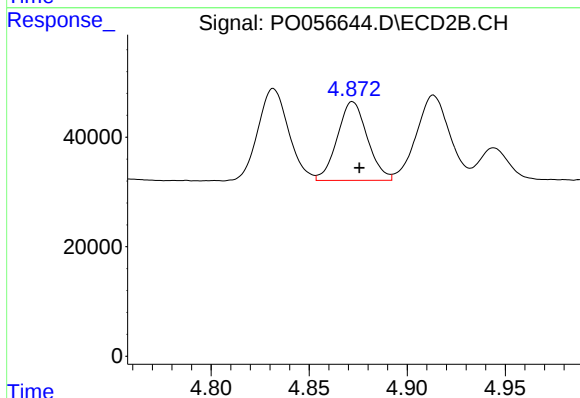
R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 235899
Conc: 251.89 ng/ml



#22 AR-1248-2

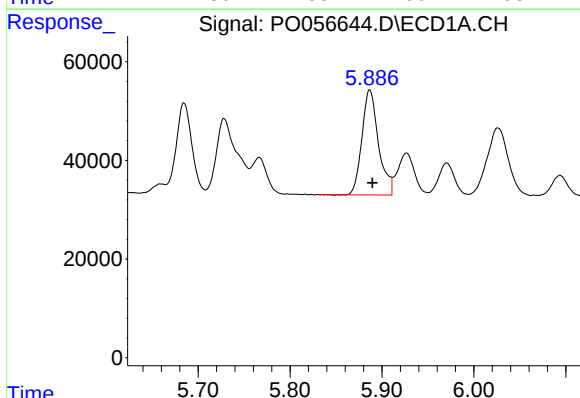
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 237166
Conc: 127.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



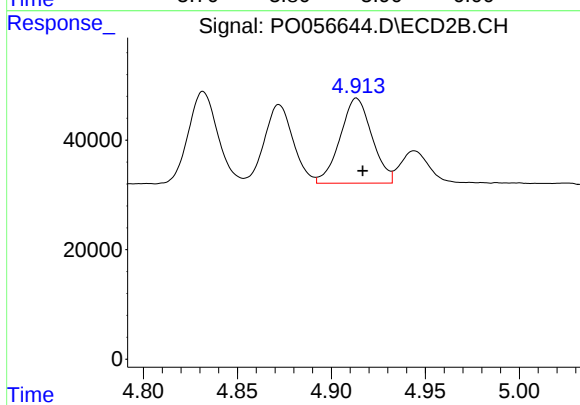
#22 AR-1248-2

R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 153621
Conc: 120.92 ng/ml



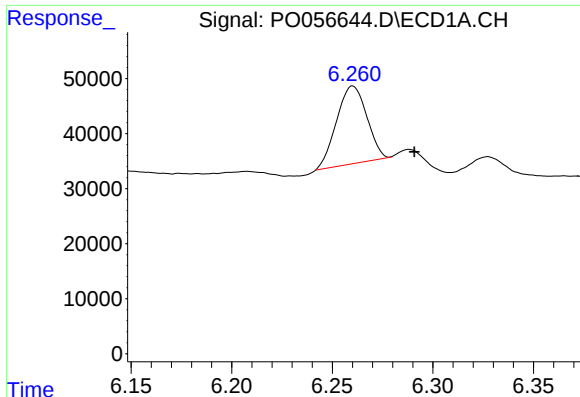
#23 AR-1248-3

R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 266806
Conc: 130.06 ng/ml



#23 AR-1248-3

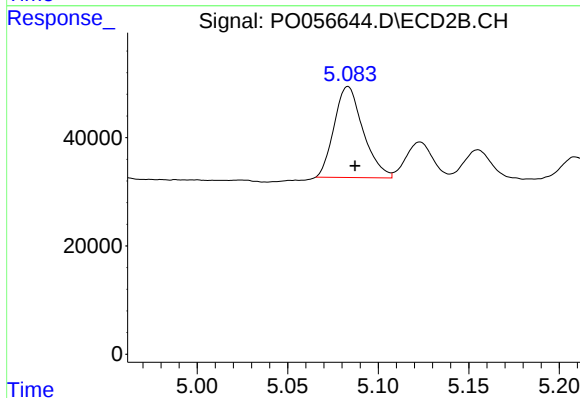
R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 183313
Conc: 140.37 ng/ml



#24 AR-1248-4

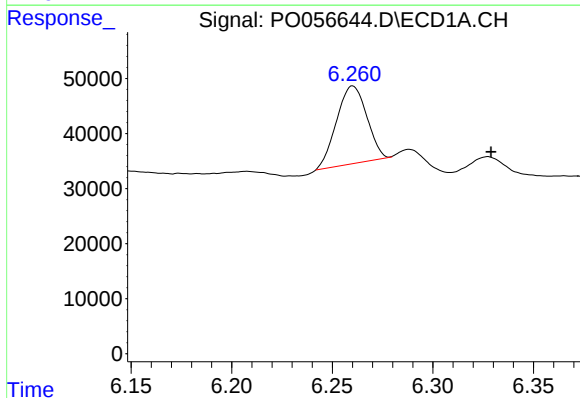
R.T.: 6.260 min
Delta R.T.: -0.031 min
Response: 147072
Conc: 63.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



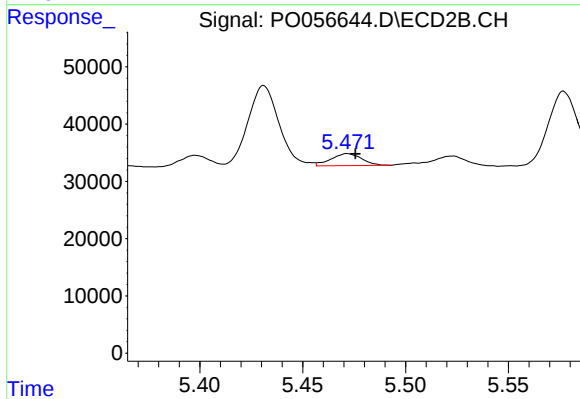
#24 AR-1248-4

R.T.: 5.083 min
Delta R.T.: -0.004 min
Response: 187210
Conc: 118.22 ng/ml



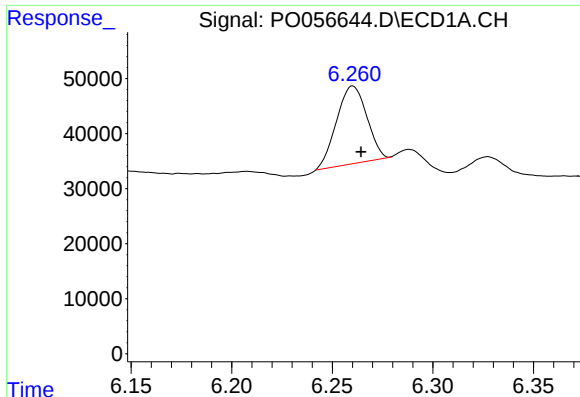
#25 AR-1248-5

R.T.: 6.260 min
Delta R.T.: -0.069 min
Response: 147072
Conc: 66.87 ng/ml



#25 AR-1248-5

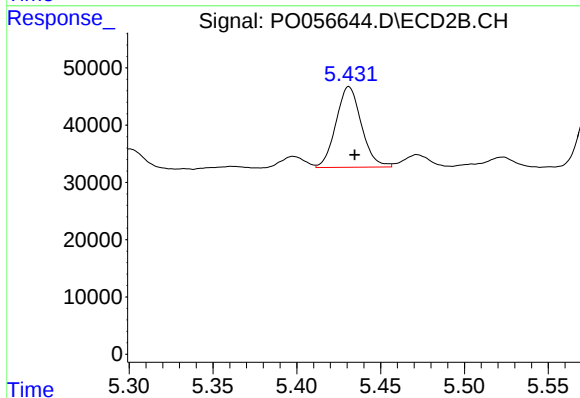
R.T.: 5.472 min
Delta R.T.: -0.004 min
Response: 21687
Conc: 13.10 ng/ml



#26 AR-1254-1

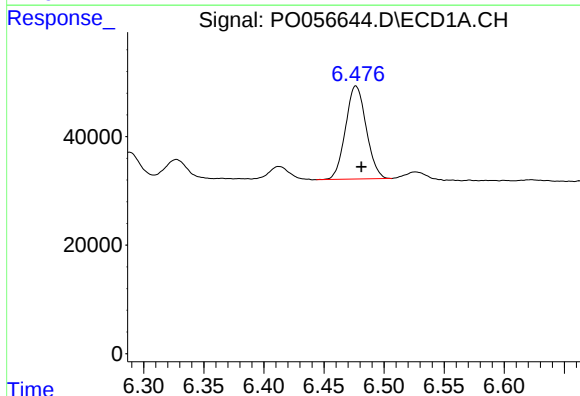
R.T.: 6.260 min
Delta R.T.: -0.004 min
Response: 147072
Conc: 53.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



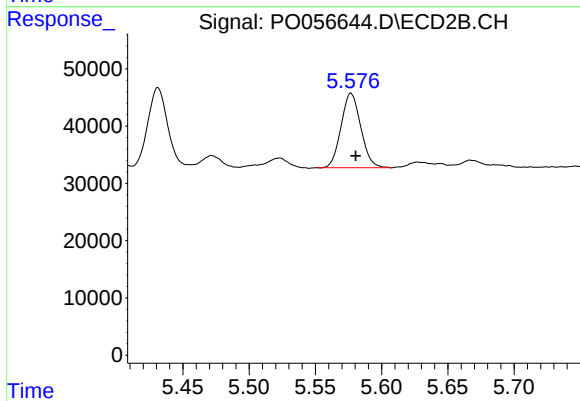
#26 AR-1254-1

R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 148422
Conc: 56.12 ng/ml



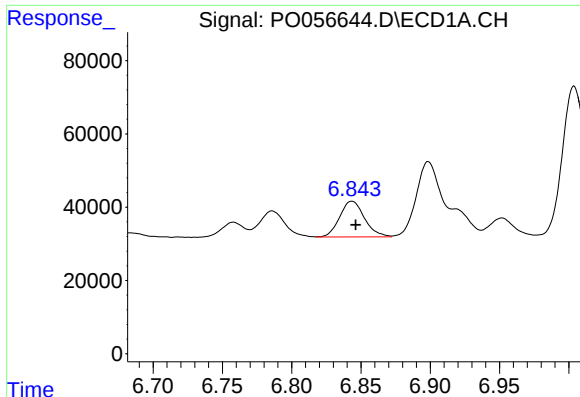
#27 AR-1254-2

R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 205313
Conc: 52.86 ng/ml



#27 AR-1254-2

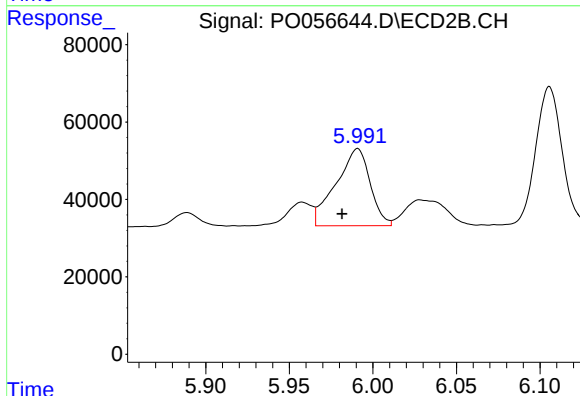
R.T.: 5.577 min
Delta R.T.: -0.004 min
Response: 134827
Conc: 62.54 ng/ml



#28 AR-1254-3

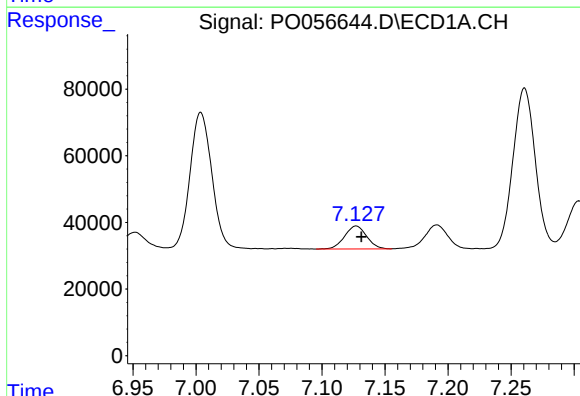
R.T.: 6.844 min
Delta R.T.: -0.003 min
Response: 121977
Conc: 29.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



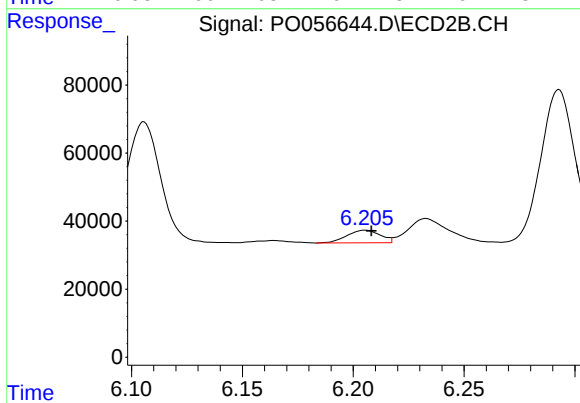
#28 AR-1254-3

R.T.: 5.991 min
Delta R.T.: 0.009 min
Response: 283511
Conc: 77.44 ng/ml



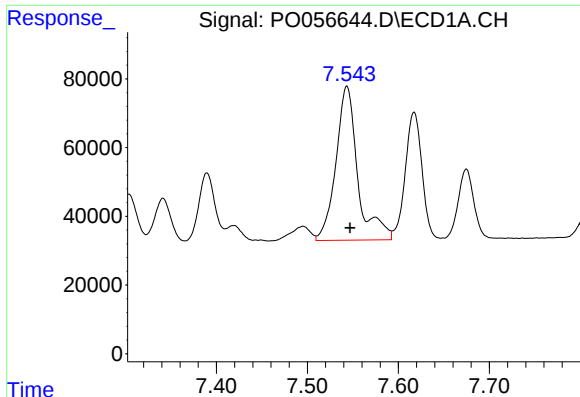
#29 AR-1254-4

R.T.: 7.127 min
Delta R.T.: -0.004 min
Response: 83963
Conc: 27.90 ng/ml



#29 AR-1254-4

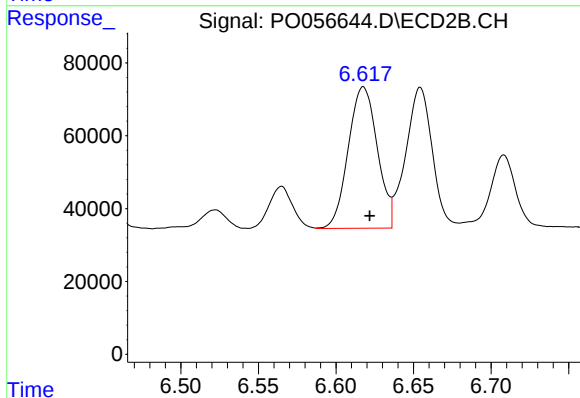
R.T.: 6.205 min
Delta R.T.: -0.003 min
Response: 38563
Conc: 17.55 ng/ml



#30 AR-1254-5

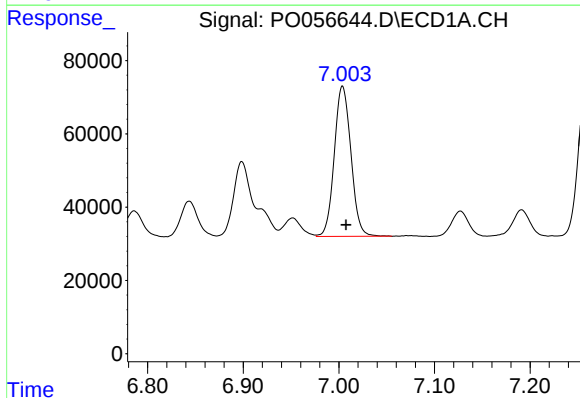
R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 747949
Conc: 198.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



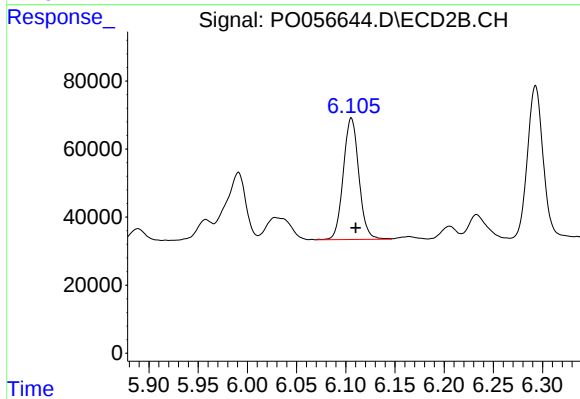
#30 AR-1254-5

R.T.: 6.618 min
Delta R.T.: -0.004 min
Response: 506523
Conc: 159.77 ng/ml



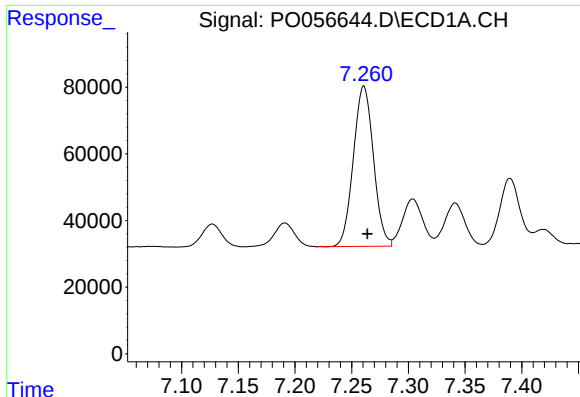
#31 AR-1260-1

R.T.: 7.004 min
Delta R.T.: -0.004 min
Response: 495171
Conc: 192.96 ng/ml



#31 AR-1260-1

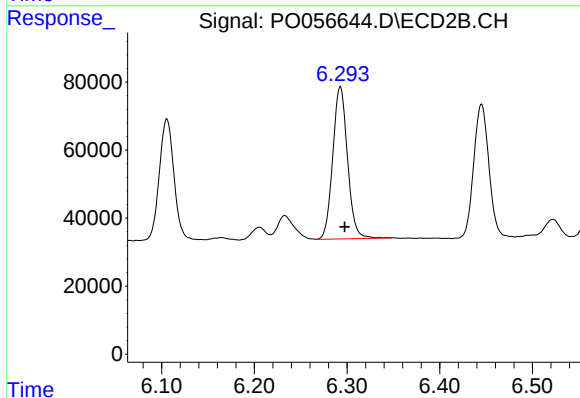
R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 393908
Conc: 196.92 ng/ml



#32 AR-1260-2

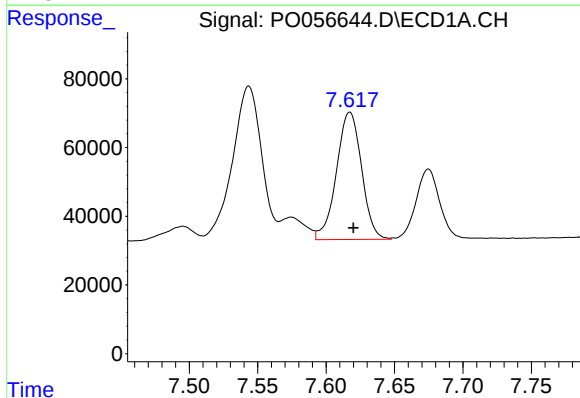
R.T.: 7.261 min
Delta R.T.: -0.003 min
Response: 592275
Conc: 195.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



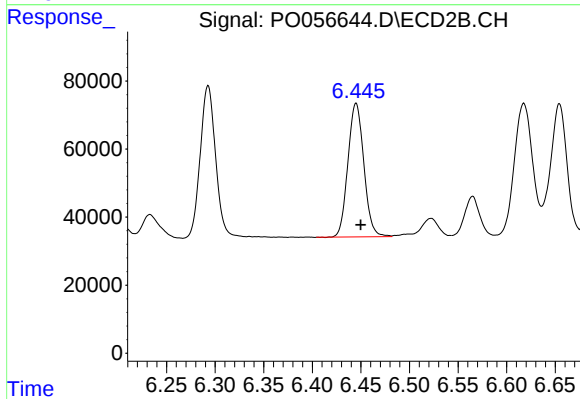
#32 AR-1260-2

R.T.: 6.293 min
Delta R.T.: -0.005 min
Response: 494178
Conc: 200.48 ng/ml



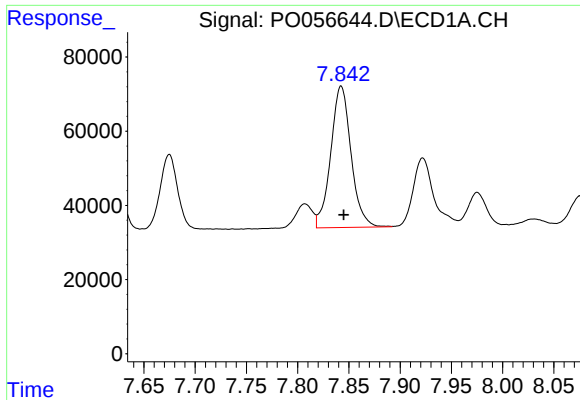
#33 AR-1260-3

R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 473980
Conc: 196.75 ng/ml



#33 AR-1260-3

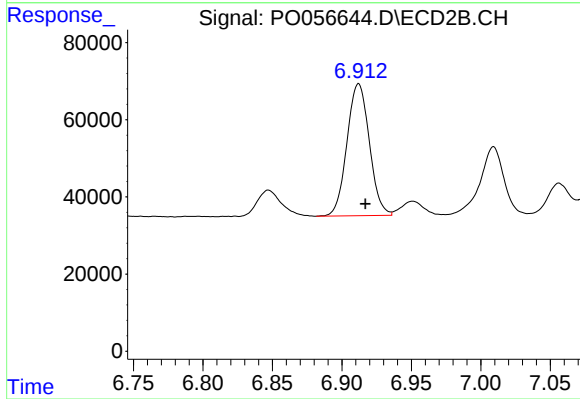
R.T.: 6.445 min
Delta R.T.: -0.005 min
Response: 448706
Conc: 200.03 ng/ml



#34 AR-1260-4

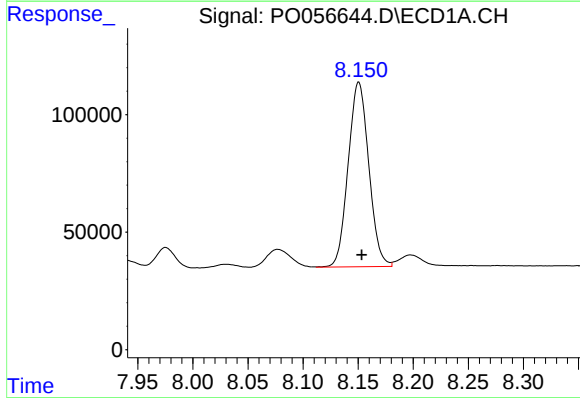
R.T.: 7.842 min
Delta R.T.: -0.003 min
Response: 526166
Conc: 200.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



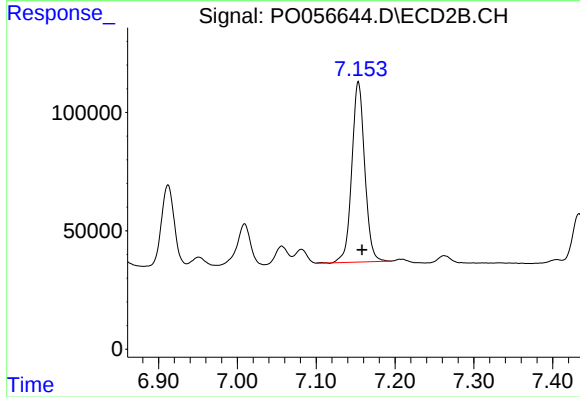
#34 AR-1260-4

R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 384422
Conc: 206.57 ng/ml



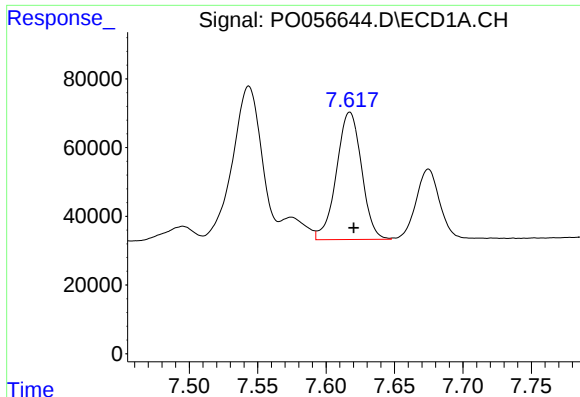
#35 AR-1260-5

R.T.: 8.151 min
Delta R.T.: -0.003 min
Response: 1023062
Conc: 213.94 ng/ml



#35 AR-1260-5

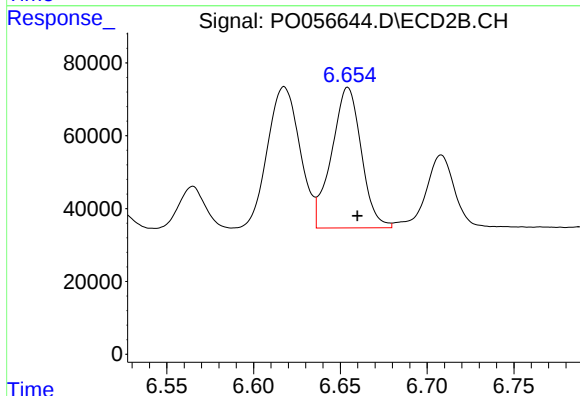
R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 867652
Conc: 201.20 ng/ml



#36 AR-1262-1

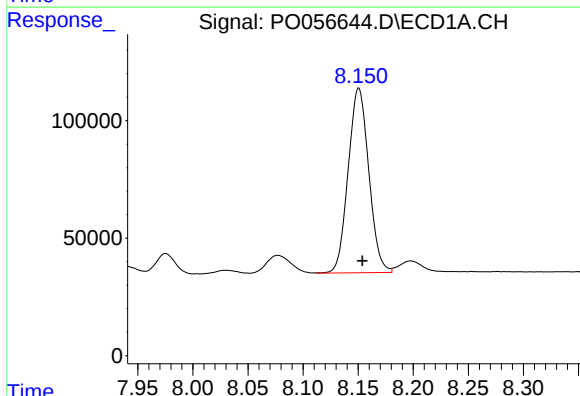
R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 473980
Conc: 101.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



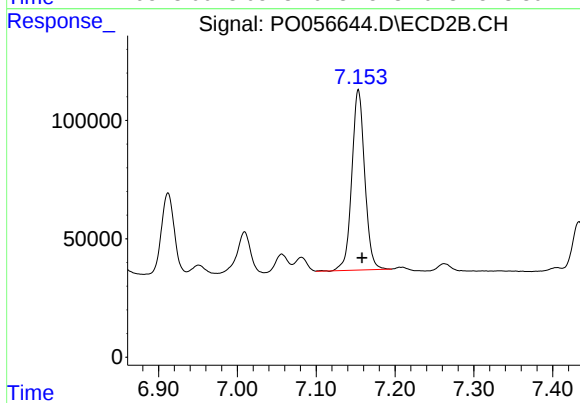
#36 AR-1262-1

R.T.: 6.654 min
Delta R.T.: -0.006 min
Response: 459490
Conc: 110.08 ng/ml



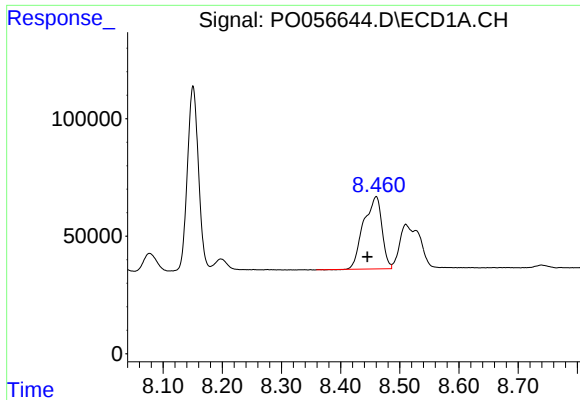
#37 AR-1262-2

R.T.: 8.151 min
Delta R.T.: -0.003 min
Response: 1023062
Conc: 134.19 ng/ml



#37 AR-1262-2

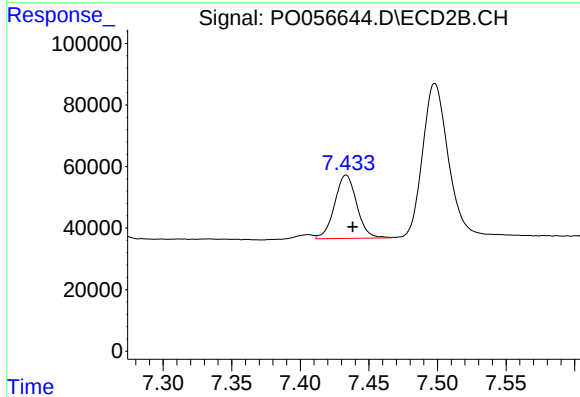
R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 867652
Conc: 126.28 ng/ml



#38 AR-1262-3

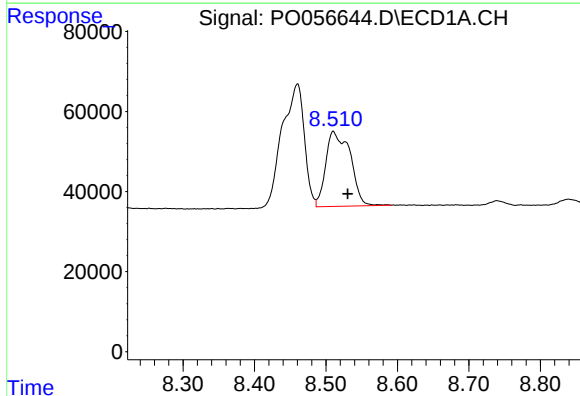
R.T.: 8.460 min
Delta R.T.: 0.015 min
Response: 661338
Conc: 126.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



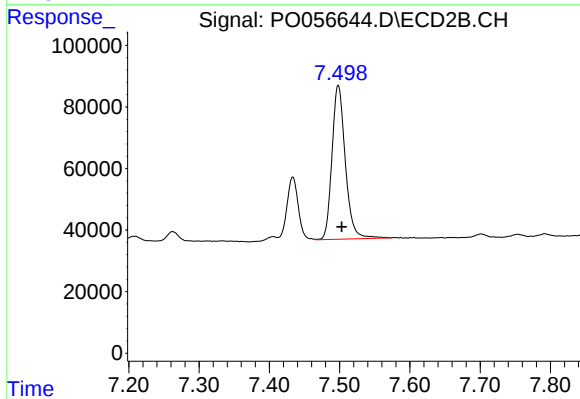
#38 AR-1262-3

R.T.: 7.433 min
Delta R.T.: -0.005 min
Response: 232048
Conc: 78.57 ng/ml



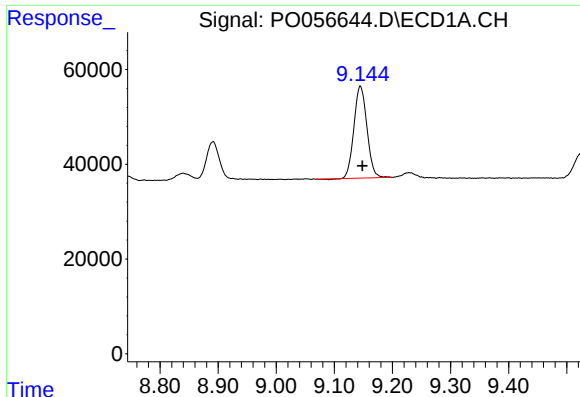
#39 AR-1262-4

R.T.: 8.511 min
Delta R.T.: -0.020 min
Response: 444370
Conc: 104.09 ng/ml



#39 AR-1262-4

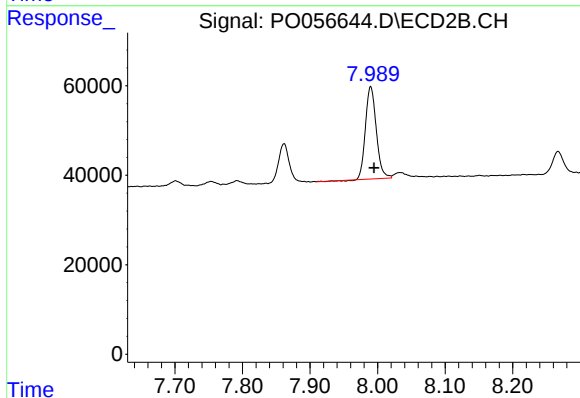
R.T.: 7.498 min
Delta R.T.: -0.005 min
Response: 660124
Conc: 126.69 ng/ml



#40 AR-1262-5

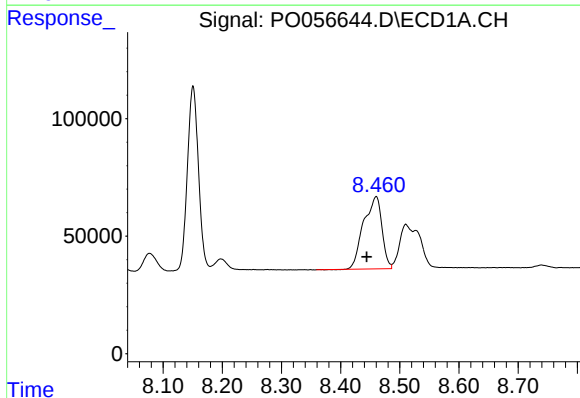
R.T.: 9.145 min
Delta R.T.: -0.003 min
Response: 300820
Conc: 109.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



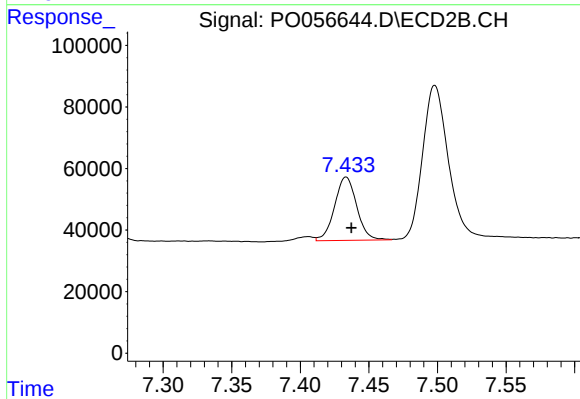
#40 AR-1262-5

R.T.: 7.990 min
Delta R.T.: -0.005 min
Response: 229024
Conc: 98.63 ng/ml



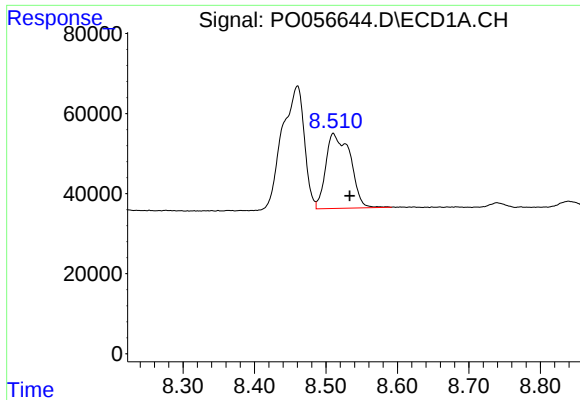
#41 AR-1268-1

R.T.: 8.460 min
Delta R.T.: 0.015 min
Response: 661338
Conc: 81.27 ng/ml



#41 AR-1268-1

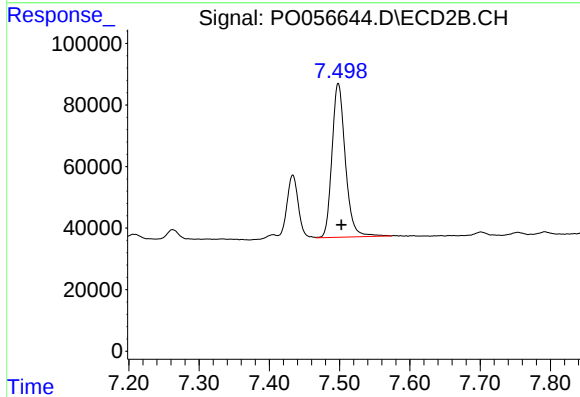
R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 232048
Conc: 31.08 ng/ml



#42 AR-1268-2

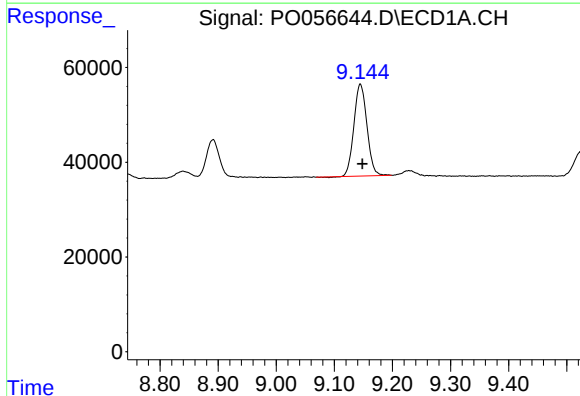
R.T.: 8.511 min
Delta R.T.: -0.023 min
Response: 444370
Conc: 54.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



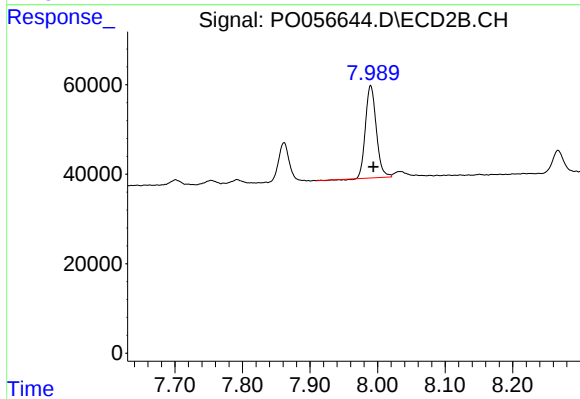
#42 AR-1268-2

R.T.: 7.498 min
Delta R.T.: -0.005 min
Response: 660124
Conc: 94.53 ng/ml



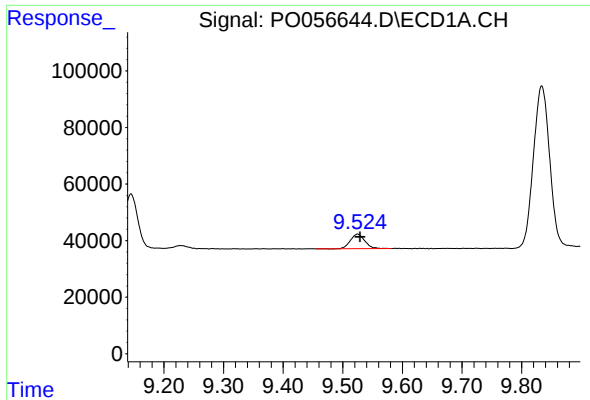
#44 AR-1268-4

R.T.: 9.145 min
Delta R.T.: -0.003 min
Response: 300820
Conc: 110.31 ng/ml



#44 AR-1268-4

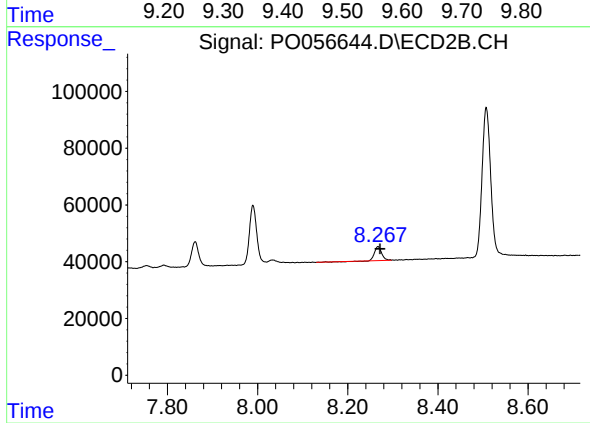
R.T.: 7.990 min
Delta R.T.: -0.004 min
Response: 229024
Conc: 98.11 ng/ml



#45 AR-1268-5

R.T.: 9.525 min
Delta R.T.: -0.004 min
Response: 85447
Conc: 4.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB120028BS



#45 AR-1268-5

R.T.: 8.267 min
Delta R.T.: -0.005 min
Response: 51321
Conc: 2.97 ng/ml