

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051419\
 Data File : P0056227.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 May 2019 15:00
 Operator : SM/SJ
 Sample : K2779-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 RBR-200050MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 01:49:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 03 15:20:04 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...	4.262	3.578	630852	579270	21.081	20.510
2)	SA Decachlor...	9.850	8.522	656960	495358	17.558	18.317
Target Compounds							
3)	L1 AR-1016-1	5.445	4.667	283697	224315	199.629	166.912
4)	L1 AR-1016-2	5.445	4.667	283697	224315	143.363	122.849
5)	L1 AR-1016-3	5.506	0.000	179502	0	140.046	N.D. #
6)	L1 AR-1016-4	5.605	0.000	143989	0	137.759	N.D. #
7)	L1 AR-1016-5	5.896	5.092	160176	137954	142.187	125.315
8)	L2 AR-1221-1	4.559	0.000	26385	0	60.691	N.D. #
9)	L2 AR-1221-2	4.559	0.000	26385	0	78.683	N.D. #
10)	L2 AR-1221-3	4.634	0.000	93773	0	93.252	N.D. #
11)	L3 AR-1232-1	4.634	0.000	93773	0	109.178	N.D. #
12)	L3 AR-1232-2	5.157	4.667	136147	224315	280.649	255.936
13)	L3 AR-1232-3	5.445	0.000	283697	0	293.231	N.D. #
14)	L3 AR-1232-4	5.605	0.000	143989	0	283.143	N.D. #
15)	L3 AR-1232-5	5.694	5.092	140924	137954	324.579	284.672
16)	L4 AR-1242-1	5.445	4.667	283697	224315	234.306	200.170
17)	L4 AR-1242-2	5.445	4.667	283697	224315	168.028	147.435
18)	L4 AR-1242-3	5.506	0.000	179502	0	163.848	N.D. #
19)	L4 AR-1242-4	5.605	0.000	143989	0	160.020	N.D. #
20)	L4 AR-1242-5	6.335	0.000	29445	0	26.915	N.D. #
21)	L5 AR-1248-1	5.445	4.667	283697	224315	313.436	267.510
22)	L5 AR-1248-2	5.694	0.000	140924	0	105.670	N.D. #
23)	L5 AR-1248-3	5.896	0.000	160176	0	108.467	N.D. #
24)	L5 AR-1248-4	6.298	5.092	39859	137954	22.858	98.246 #
25)	L5 AR-1248-5	6.335	0.000	29445	0	17.628	N.D. #
26)	L6 AR-1254-1	6.298	0.000	39859	0	18.982	N.D. #
27)	L6 AR-1254-2	6.487	0.000	161107	0	48.543	N.D. #
28)	L6 AR-1254-3	6.855	6.001	128999	246287	35.483	62.074 #
29)	L6 AR-1254-4	7.136	0.000	55955	0	20.566	N.D. #
30)	L6 AR-1254-5	7.584	6.628	51036	382684	17.807	105.752 #
31)	L7 AR-1260-1	7.014	6.115	310532	279545	143.798	126.882
32)	L7 AR-1260-2	7.270	6.302	408935	351098	156.148	114.979 #
33)	L7 AR-1260-3	7.627	6.454	226818	317469	113.410	127.394
34)	L7 AR-1260-4	7.851	6.922	278312	215216	120.346	104.298
35)	L7 AR-1260-5	8.160	7.164	482760	511256	113.796	101.798
36)	L8 AR-1262-1	7.627	6.664	226818	247811	70.751	60.430
37)	L8 AR-1262-2	8.160	7.164	482760	511256	89.921	81.764
38)	L8 AR-1262-3	8.470	7.508	312441	354748	86.099	144.033 #
39)	L8 AR-1262-4	8.521	7.508	167819	354748	61.810	86.631 #
40)	L8 AR-1262-5	9.158	0.000	113697	0	62.937	N.D. #
41)	L9 AR-1268-1	8.470	7.508	312441	354748	51.738	51.199

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 Acq On : 14 May 2019 15:00
 Operator : SM/SJ
 Sample : K2779-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

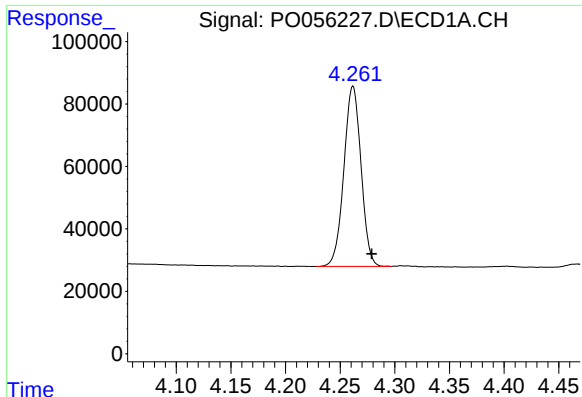
Instrument :
 ECD_O
 ClientSampleId :
 RBR-200050MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 01:49:01 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
42) L9	AR-1268-2	8.521	7.508	167819	354748	30.659	62.355 #
44) L9	AR-1268-4	9.158	0.000	113697	0	57.944	N.D. #
45) L9	AR-1268-5	9.540	0.000	45074	0	3.341	N.D. #

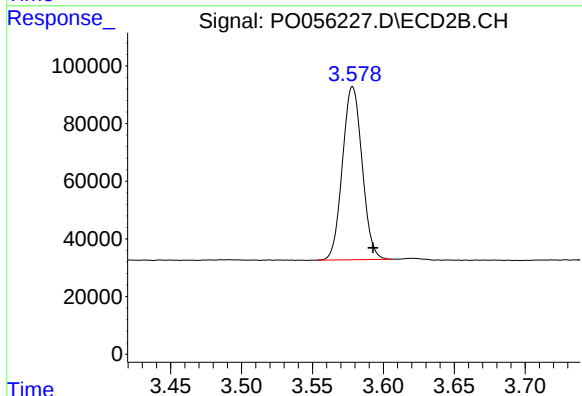
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

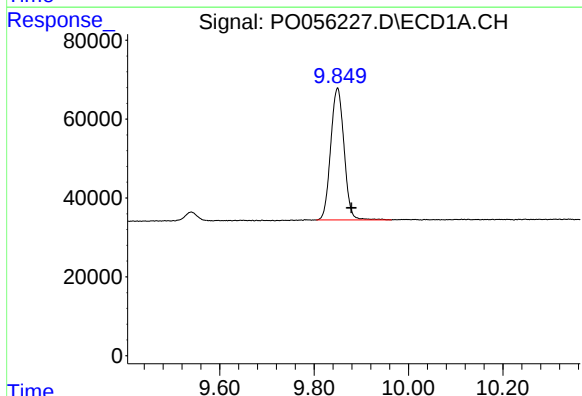
R.T.: 4.262 min
Delta R.T.: -0.017 min
Response: 630852
Conc: 21.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



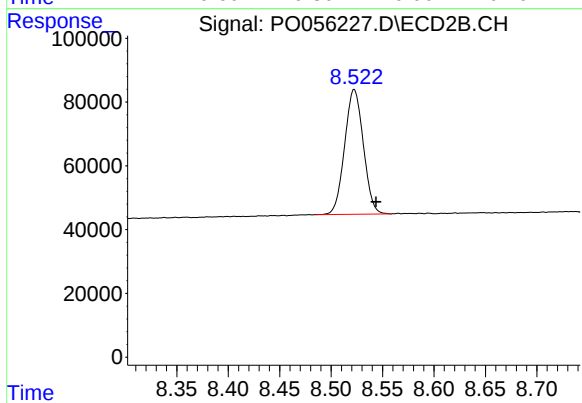
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: -0.015 min
Response: 579270
Conc: 20.51 ng/ml



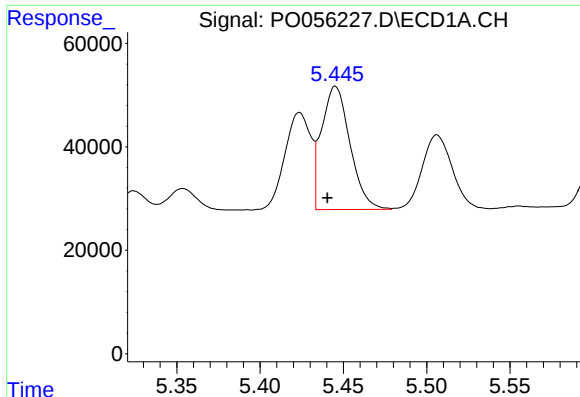
#2 Decachlorobiphenyl

R.T.: 9.850 min
Delta R.T.: -0.029 min
Response: 656960
Conc: 17.56 ng/ml



#2 Decachlorobiphenyl

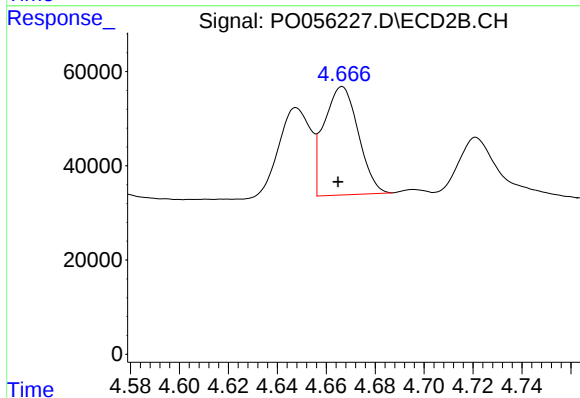
R.T.: 8.522 min
Delta R.T.: -0.021 min
Response: 495358
Conc: 18.32 ng/ml



#3 AR-1016-1

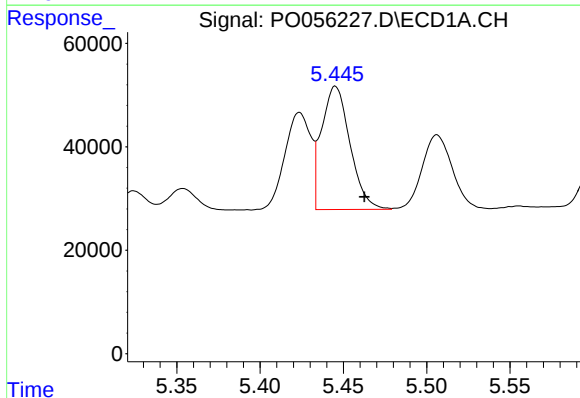
R.T.: 5.445 min
Delta R.T.: 0.005 min
Response: 283697
Conc: 199.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



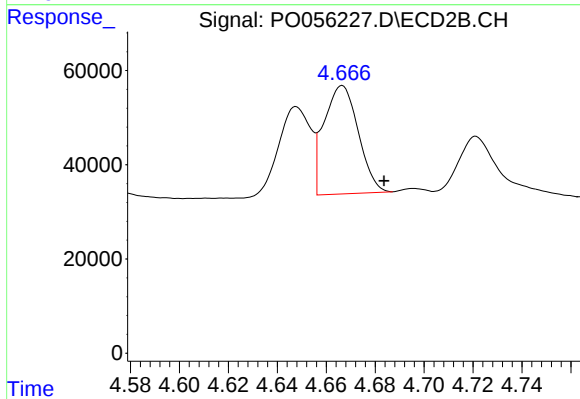
#3 AR-1016-1

R.T.: 4.667 min
Delta R.T.: 0.002 min
Response: 224315
Conc: 166.91 ng/ml



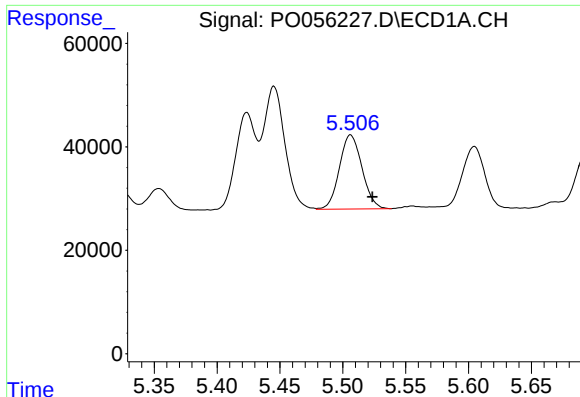
#4 AR-1016-2

R.T.: 5.445 min
Delta R.T.: -0.017 min
Response: 283697
Conc: 143.36 ng/ml



#4 AR-1016-2

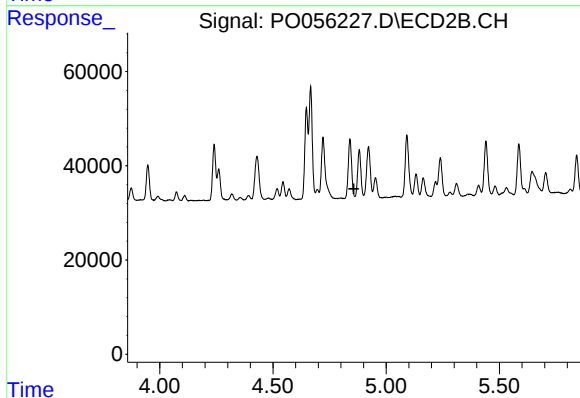
R.T.: 4.667 min
Delta R.T.: -0.017 min
Response: 224315
Conc: 122.85 ng/ml



#5 AR-1016-3

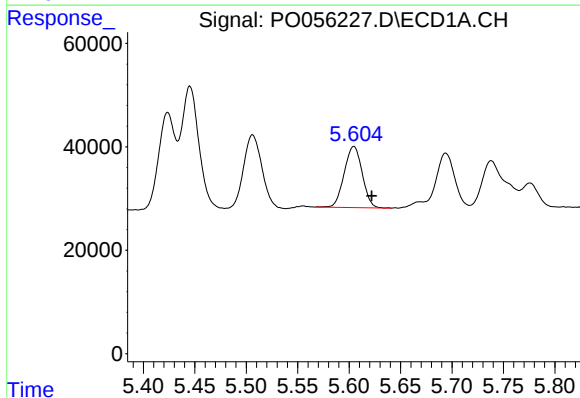
R.T.: 5.506 min
Delta R.T.: -0.017 min
Response: 179502
Conc: 140.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



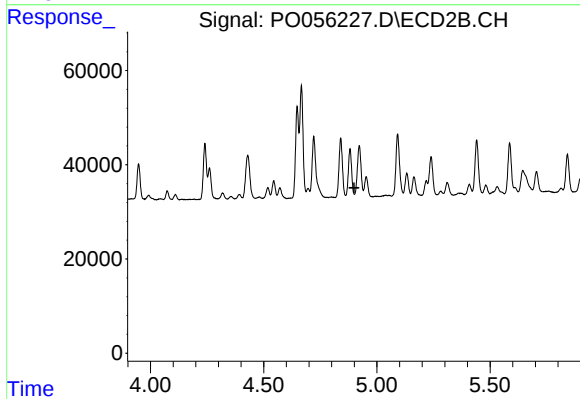
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.857 min
Response: 0
Conc: N.D.



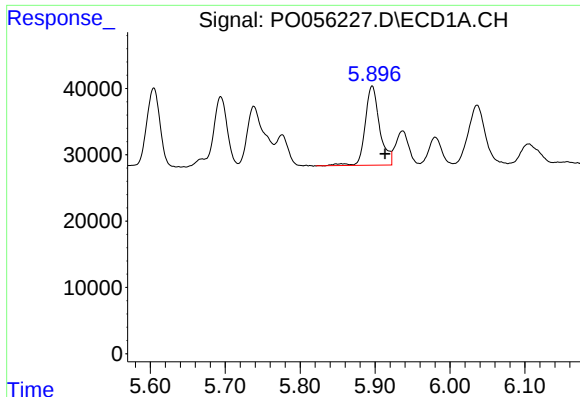
#6 AR-1016-4

R.T.: 5.605 min
Delta R.T.: -0.017 min
Response: 143989
Conc: 137.76 ng/ml



#6 AR-1016-4

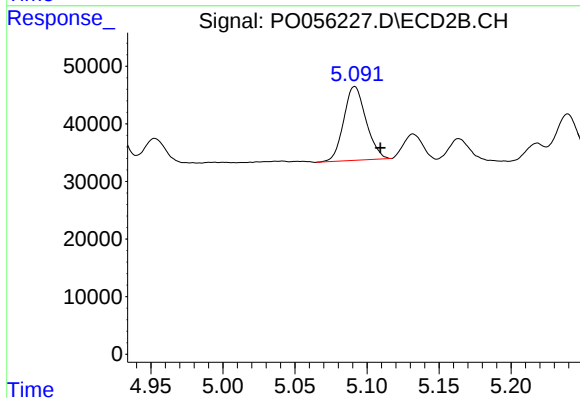
R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#7 AR-1016-5

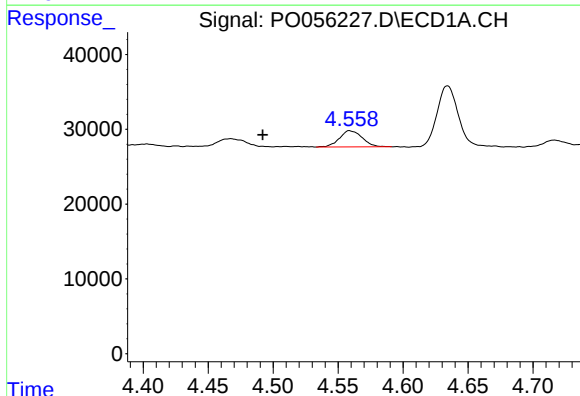
R.T.: 5.896 min
Delta R.T.: -0.017 min
Response: 160176
Conc: 142.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



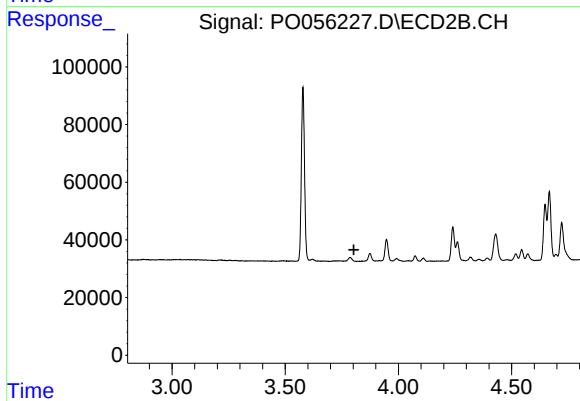
#7 AR-1016-5

R.T.: 5.092 min
Delta R.T.: -0.018 min
Response: 137954
Conc: 125.31 ng/ml



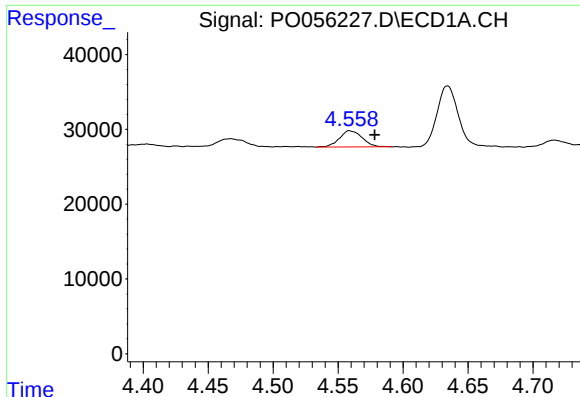
#8 AR-1221-1

R.T.: 4.559 min
Delta R.T.: 0.067 min
Response: 26385
Conc: 60.69 ng/ml



#8 AR-1221-1

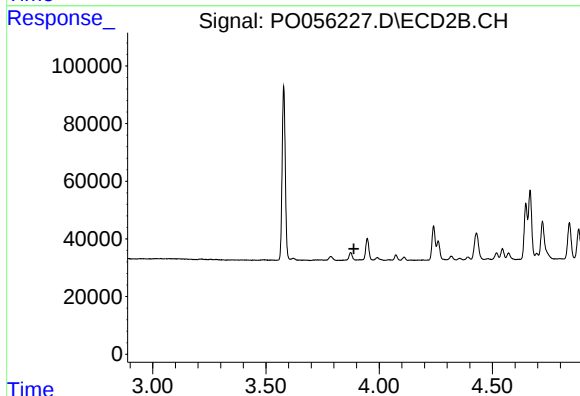
R.T.: 0.000 min
Exp R.T.: 3.804 min
Response: 0
Conc: N.D.



#9 AR-1221-2

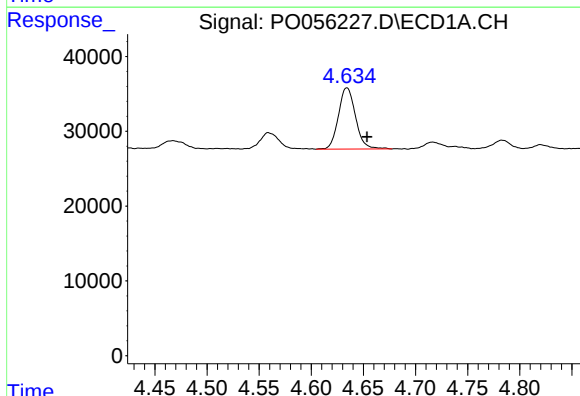
R.T.: 4.559 min
Delta R.T.: -0.020 min
Response: 26385
Conc: 78.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



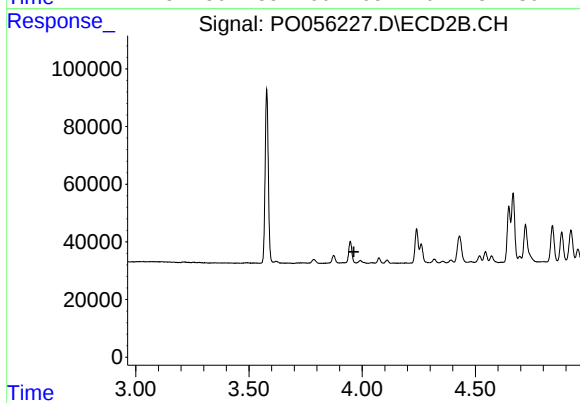
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.888 min
Response: 0
Conc: N.D.



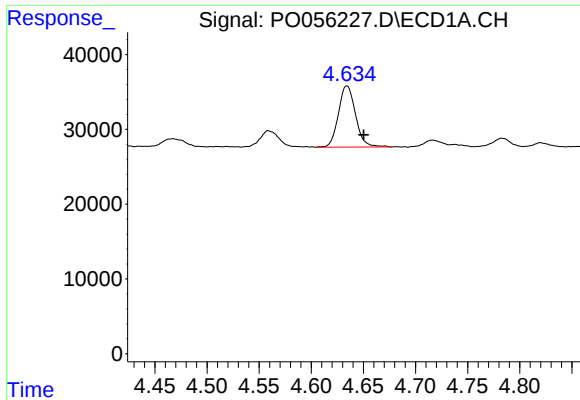
#10 AR-1221-3

R.T.: 4.634 min
Delta R.T.: -0.019 min
Response: 93773
Conc: 93.25 ng/ml



#10 AR-1221-3

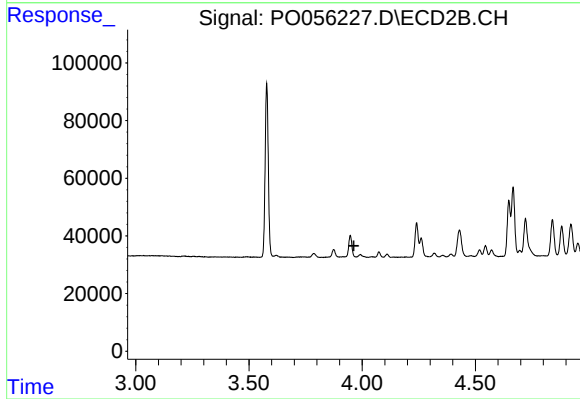
R.T.: 0.000 min
Exp R.T. : 3.964 min
Response: 0
Conc: N.D.



#11 AR-1232-1

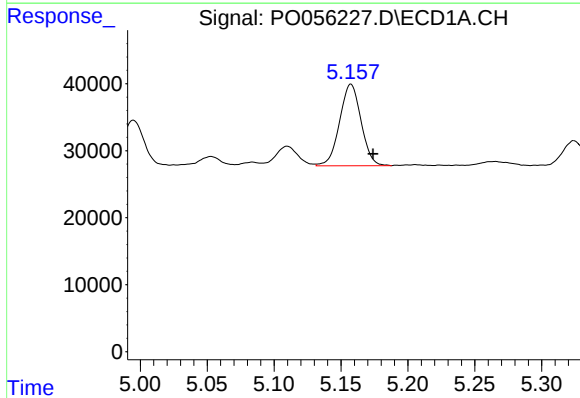
R.T.: 4.634 min
Delta R.T.: -0.016 min
Response: 93773
Conc: 109.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



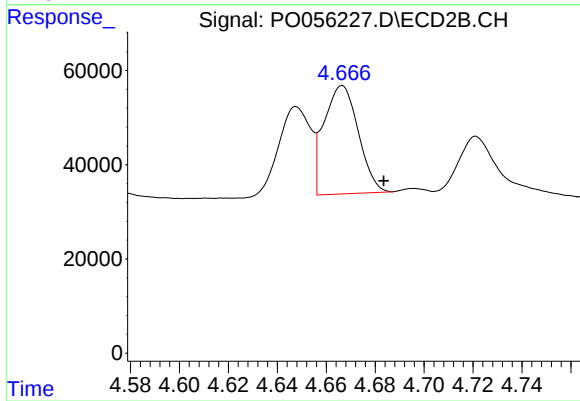
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



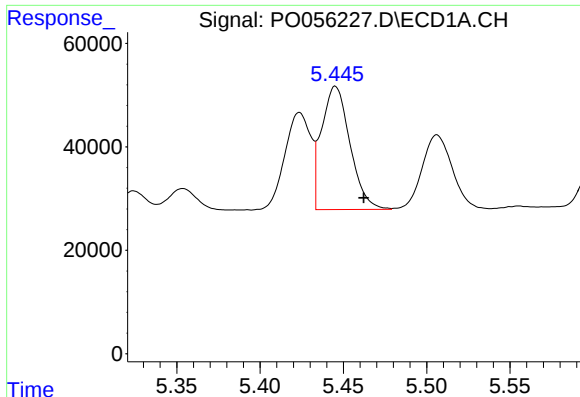
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: -0.017 min
Response: 136147
Conc: 280.65 ng/ml



#12 AR-1232-2

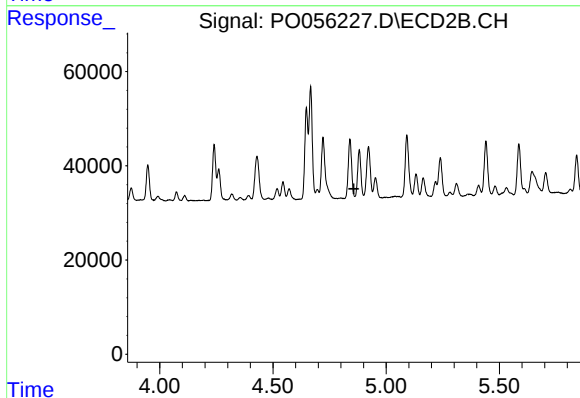
R.T.: 4.667 min
Delta R.T.: -0.017 min
Response: 224315
Conc: 255.94 ng/ml



#13 AR-1232-3

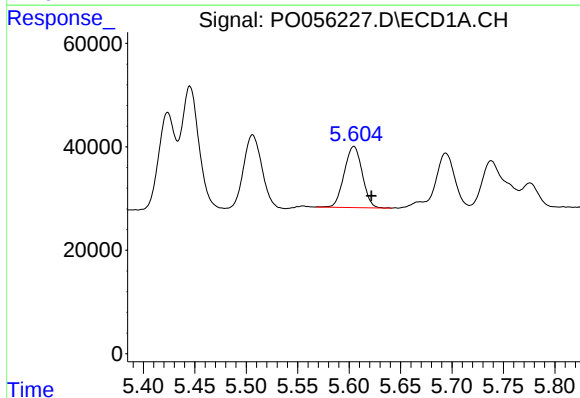
R.T.: 5.445 min
Delta R.T.: -0.017 min
Response: 283697
Conc: 293.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



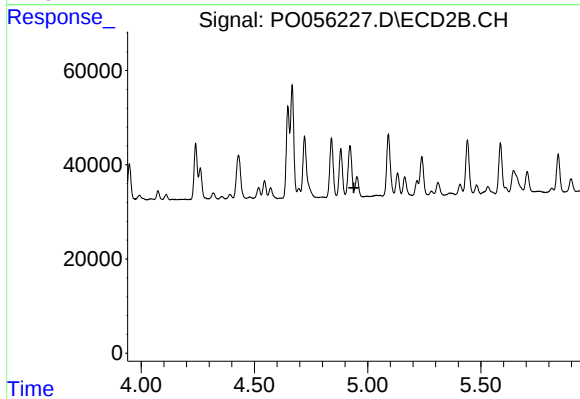
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.857 min
Response: 0
Conc: N.D.



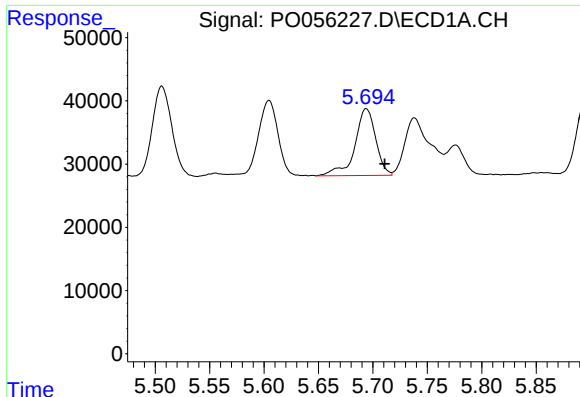
#14 AR-1232-4

R.T.: 5.605 min
Delta R.T.: -0.017 min
Response: 143989
Conc: 283.14 ng/ml



#14 AR-1232-4

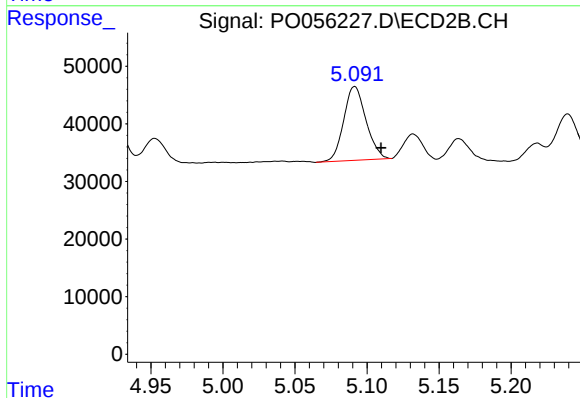
R.T.: 0.000 min
Exp R.T. : 4.939 min
Response: 0
Conc: N.D.



#15 AR-1232-5

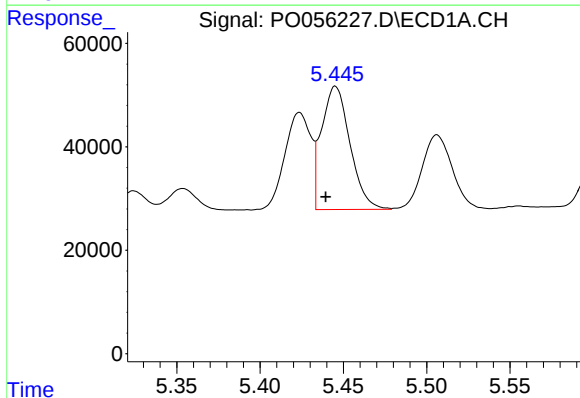
R.T.: 5.694 min
Delta R.T.: -0.017 min
Response: 140924
Conc: 324.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



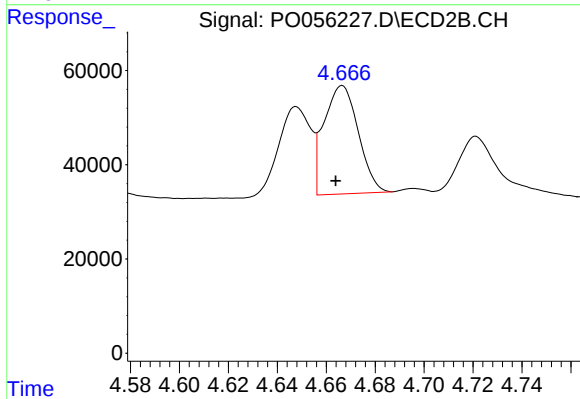
#15 AR-1232-5

R.T.: 5.092 min
Delta R.T.: -0.018 min
Response: 137954
Conc: 284.67 ng/ml



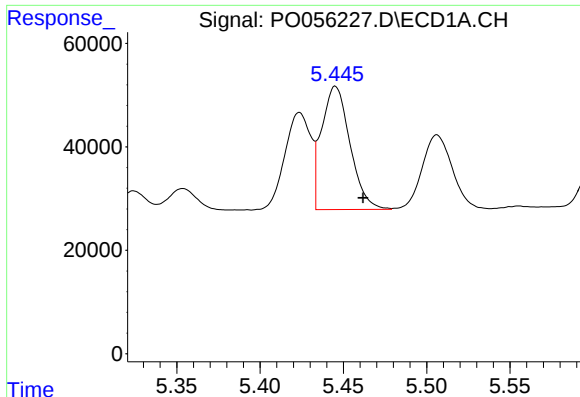
#16 AR-1242-1

R.T.: 5.445 min
Delta R.T.: 0.006 min
Response: 283697
Conc: 234.31 ng/ml



#16 AR-1242-1

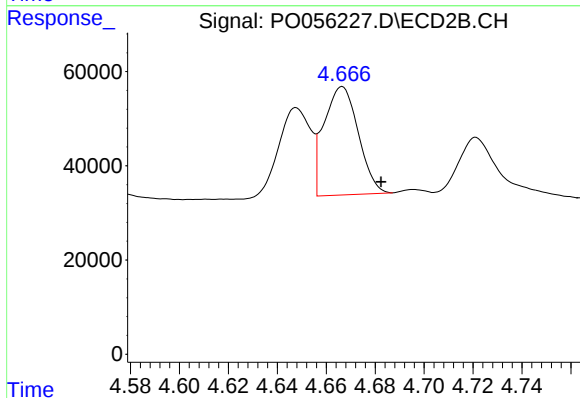
R.T.: 4.667 min
Delta R.T.: 0.003 min
Response: 224315
Conc: 200.17 ng/ml



#17 AR-1242-2

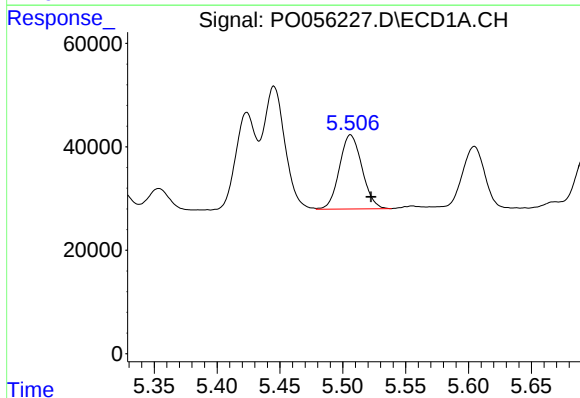
R.T.: 5.445 min
Delta R.T.: -0.016 min
Response: 283697
Conc: 168.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



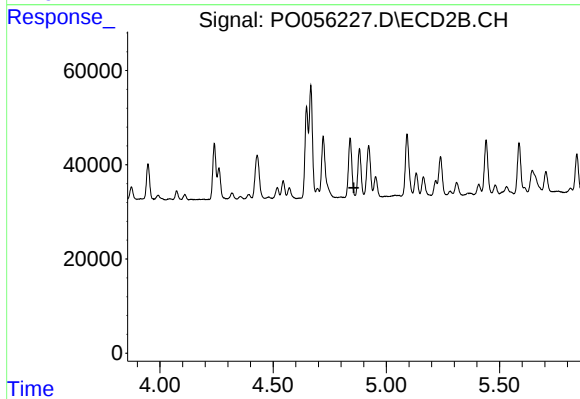
#17 AR-1242-2

R.T.: 4.667 min
Delta R.T.: -0.016 min
Response: 224315
Conc: 147.44 ng/ml



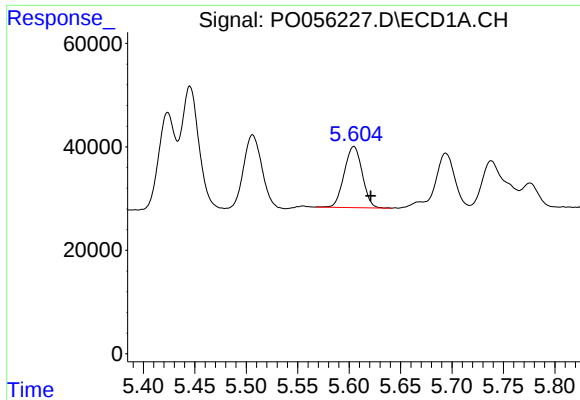
#18 AR-1242-3

R.T.: 5.506 min
Delta R.T.: -0.016 min
Response: 179502
Conc: 163.85 ng/ml



#18 AR-1242-3

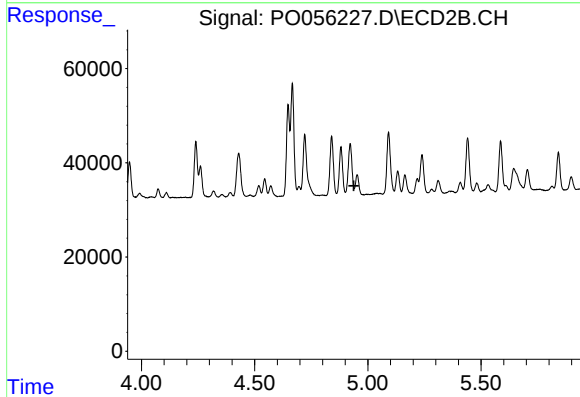
R.T.: 0.000 min
Exp R.T. : 4.857 min
Response: 0
Conc: N.D.



#19 AR-1242-4

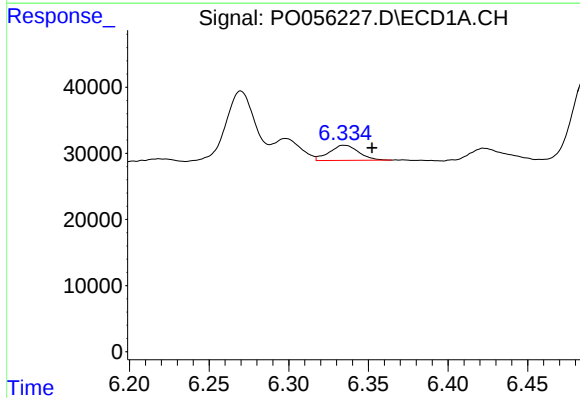
R.T.: 5.605 min
Delta R.T.: -0.016 min
Response: 143989
Conc: 160.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



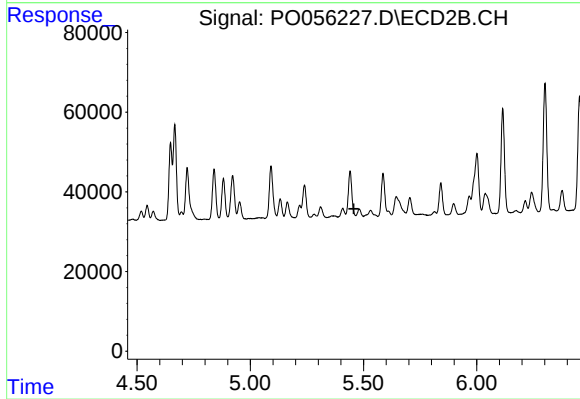
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.939 min
Response: 0
Conc: N.D.



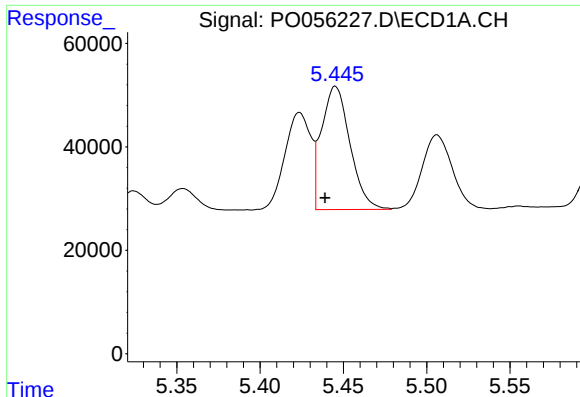
#20 AR-1242-5

R.T.: 6.335 min
Delta R.T.: -0.018 min
Response: 29445
Conc: 26.92 ng/ml



#20 AR-1242-5

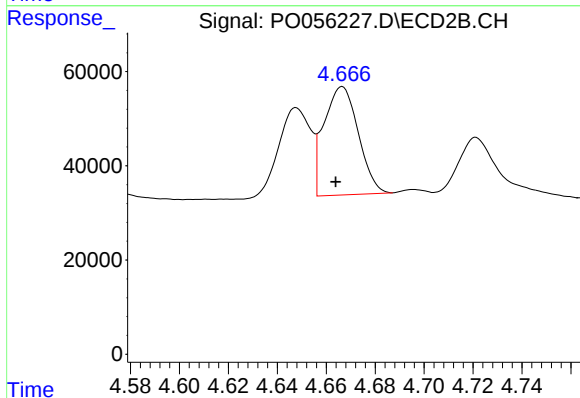
R.T.: 0.000 min
Exp R.T. : 5.457 min
Response: 0
Conc: N.D.



#21 AR-1248-1

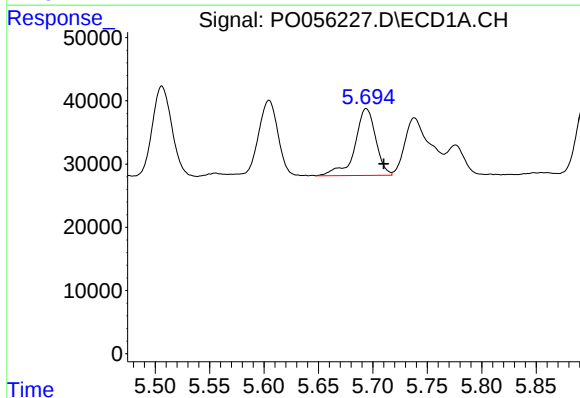
R.T.: 5.445 min
Delta R.T.: 0.006 min
Response: 283697
Conc: 313.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



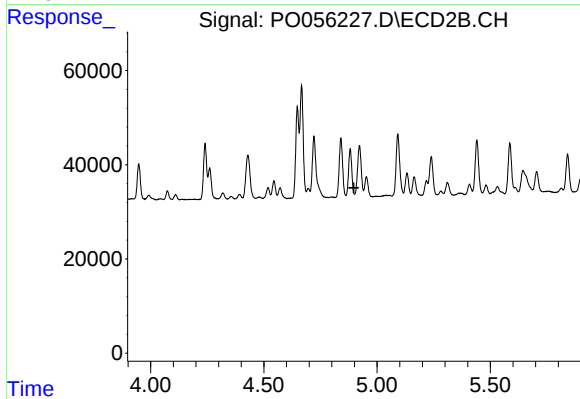
#21 AR-1248-1

R.T.: 4.667 min
Delta R.T.: 0.003 min
Response: 224315
Conc: 267.51 ng/ml



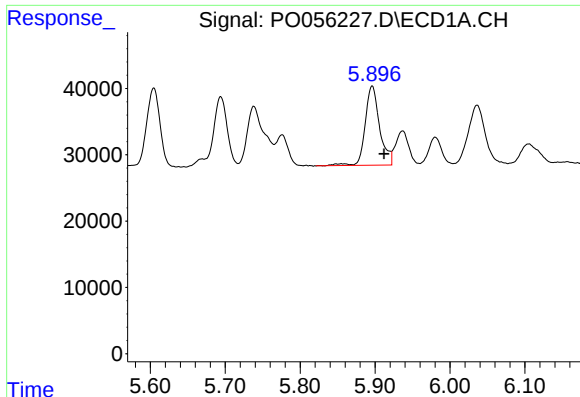
#22 AR-1248-2

R.T.: 5.694 min
Delta R.T.: -0.016 min
Response: 140924
Conc: 105.67 ng/ml



#22 AR-1248-2

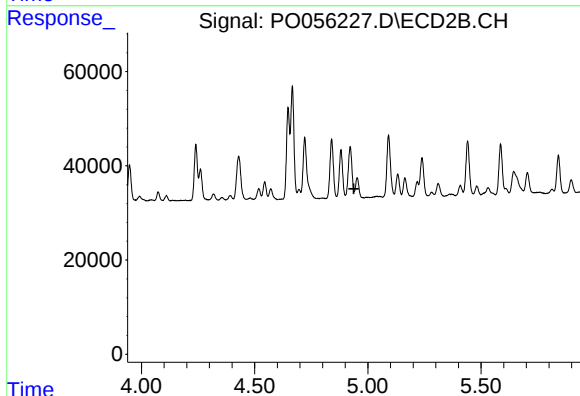
R.T.: 0.000 min
Exp R.T.: 4.898 min
Response: 0
Conc: N.D.



#23 AR-1248-3

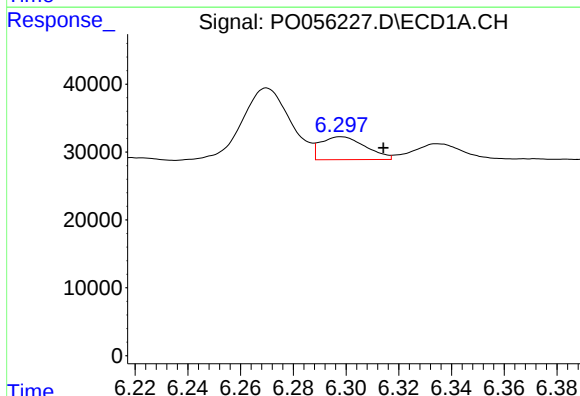
R.T.: 5.896 min
Delta R.T.: -0.016 min
Response: 160176
Conc: 108.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



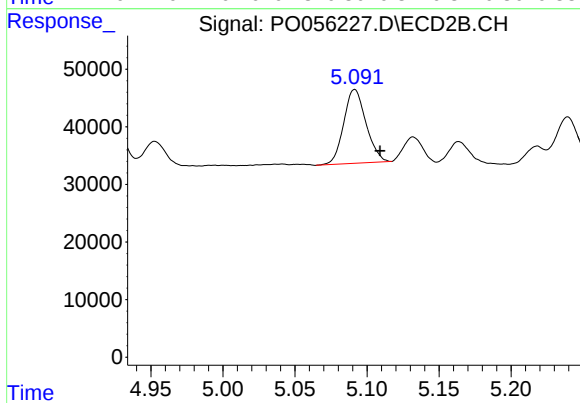
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.938 min
Response: 0
Conc: N.D.



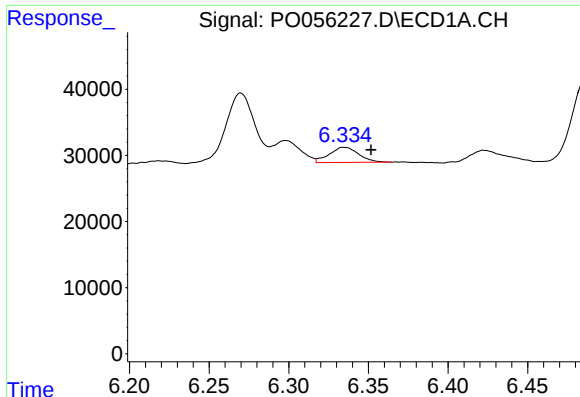
#24 AR-1248-4

R.T.: 6.298 min
Delta R.T.: -0.016 min
Response: 39859
Conc: 22.86 ng/ml



#24 AR-1248-4

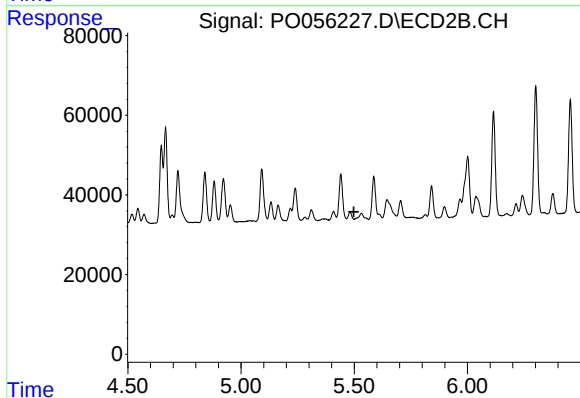
R.T.: 5.092 min
Delta R.T.: -0.018 min
Response: 137954
Conc: 98.25 ng/ml



#25 AR-1248-5

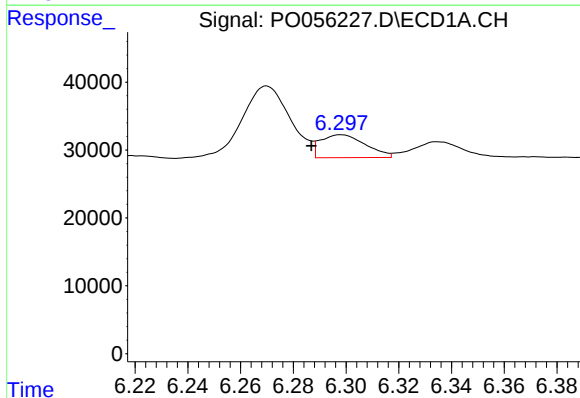
R.T.: 6.335 min
Delta R.T.: -0.017 min
Response: 29445
Conc: 17.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



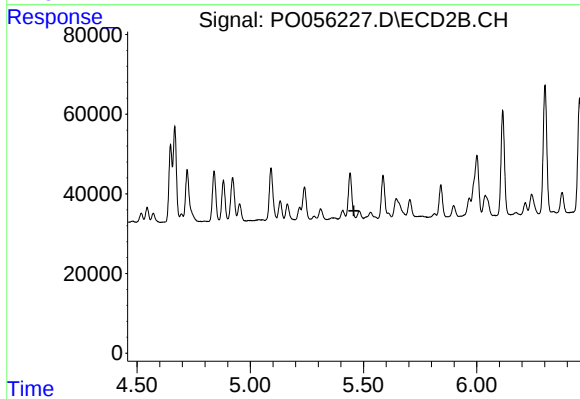
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.498 min
Response: 0
Conc: N.D.



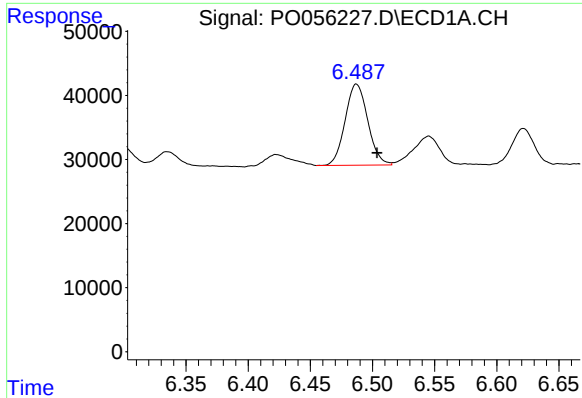
#26 AR-1254-1

R.T.: 6.298 min
Delta R.T.: 0.011 min
Response: 39859
Conc: 18.98 ng/ml



#26 AR-1254-1

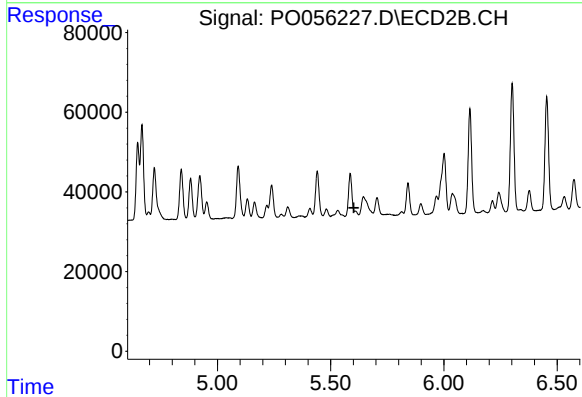
R.T.: 0.000 min
Exp R.T. : 5.457 min
Response: 0
Conc: N.D.



#27 AR-1254-2

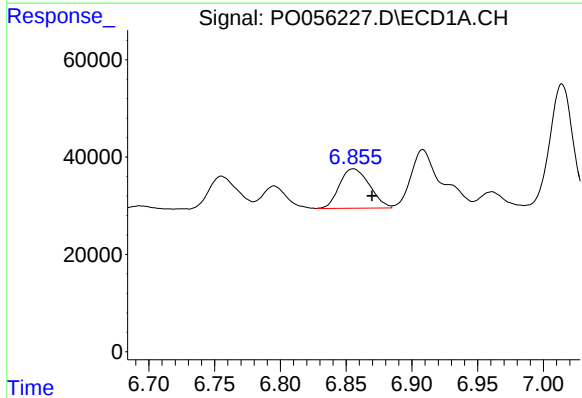
R.T.: 6.487 min
Delta R.T.: -0.017 min
Response: 161107
Conc: 48.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



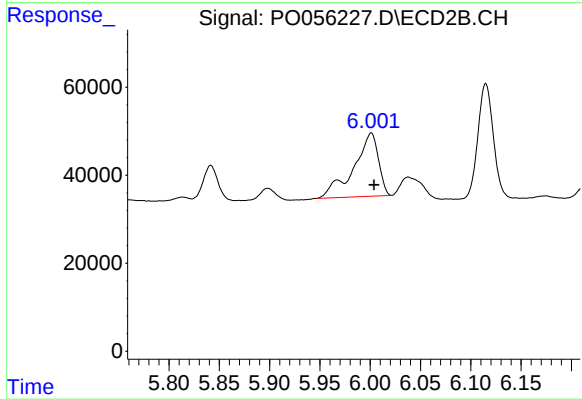
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.603 min
Response: 0
Conc: N.D.



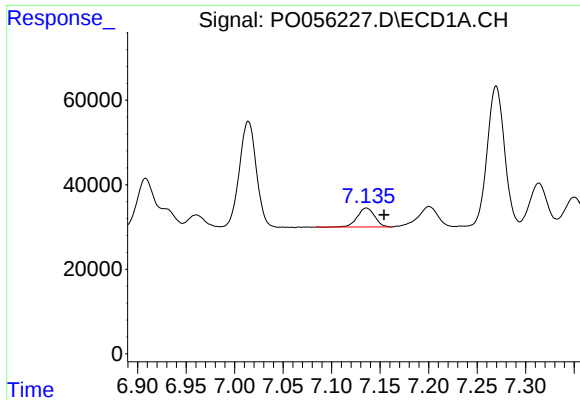
#28 AR-1254-3

R.T.: 6.855 min
Delta R.T.: -0.014 min
Response: 128999
Conc: 35.48 ng/ml



#28 AR-1254-3

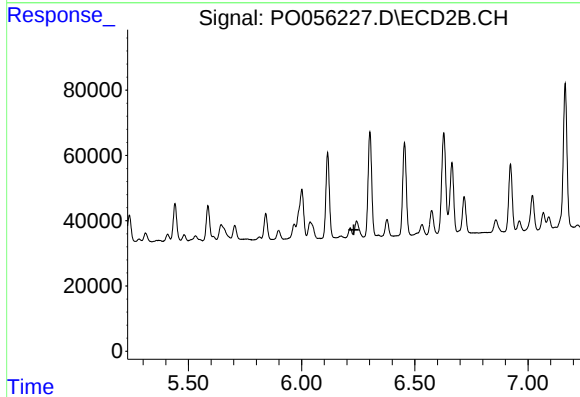
R.T.: 6.001 min
Delta R.T.: -0.003 min
Response: 246287
Conc: 62.07 ng/ml



#29 AR-1254-4

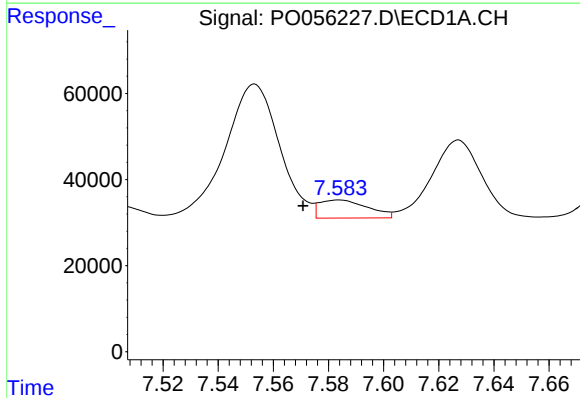
R.T.: 7.136 min
Delta R.T.: -0.018 min
Response: 55955
Conc: 20.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



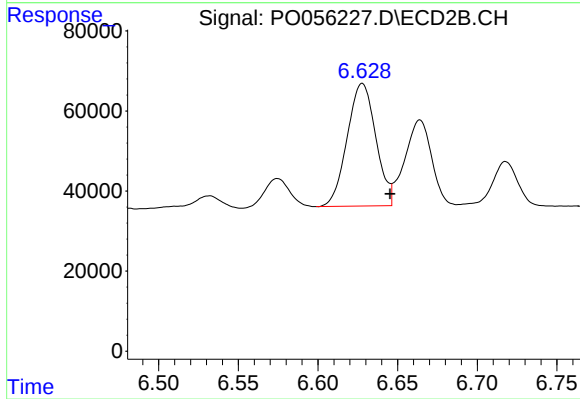
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.231 min
Response: 0
Conc: N.D.



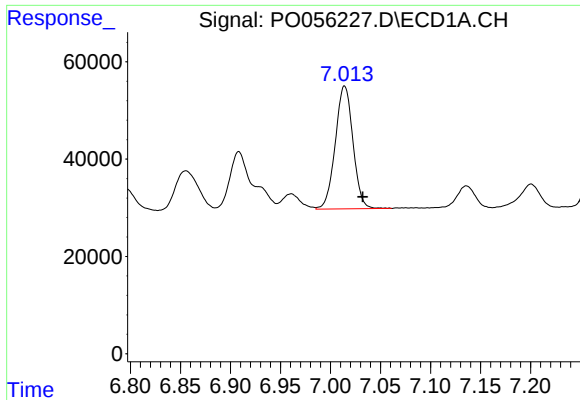
#30 AR-1254-5

R.T.: 7.584 min
Delta R.T.: 0.013 min
Response: 51036
Conc: 17.81 ng/ml



#30 AR-1254-5

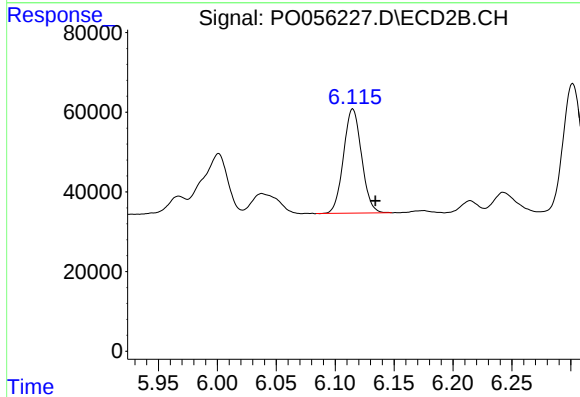
R.T.: 6.628 min
Delta R.T.: -0.017 min
Response: 382684
Conc: 105.75 ng/ml



#31 AR-1260-1

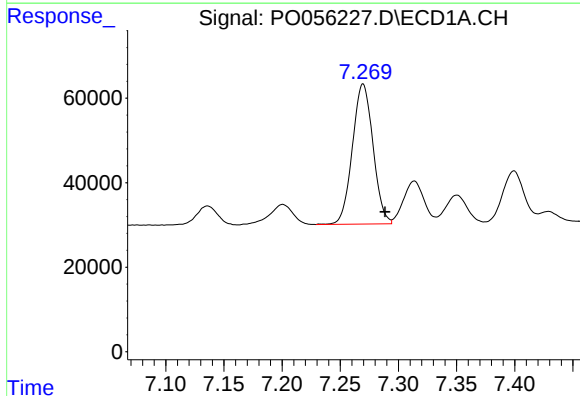
R.T.: 7.014 min
Delta R.T.: -0.018 min
Response: 310532
Conc: 143.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



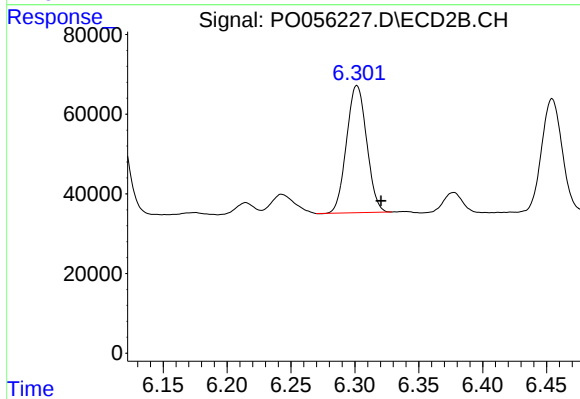
#31 AR-1260-1

R.T.: 6.115 min
Delta R.T.: -0.019 min
Response: 279545
Conc: 126.88 ng/ml



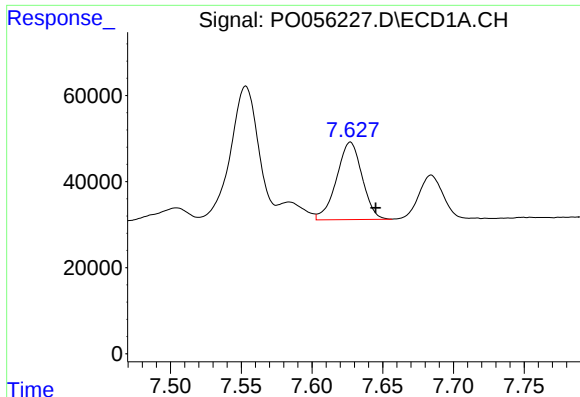
#32 AR-1260-2

R.T.: 7.270 min
Delta R.T.: -0.019 min
Response: 408935
Conc: 156.15 ng/ml



#32 AR-1260-2

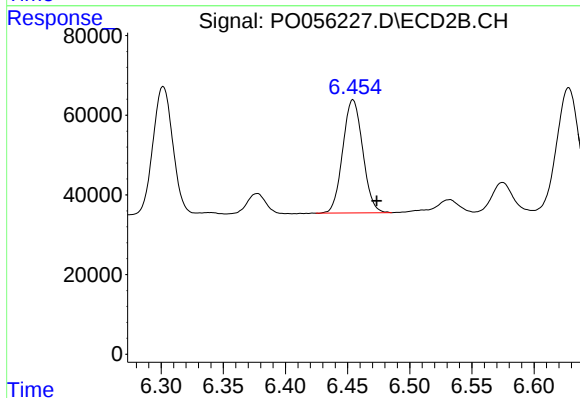
R.T.: 6.302 min
Delta R.T.: -0.019 min
Response: 351098
Conc: 114.98 ng/ml



#33 AR-1260-3

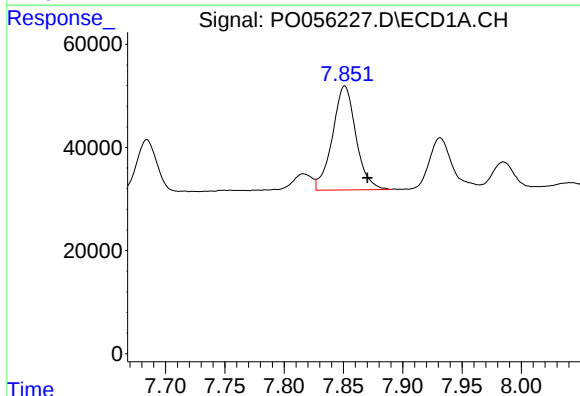
R.T.: 7.627 min
Delta R.T.: -0.018 min
Response: 226818
Conc: 113.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



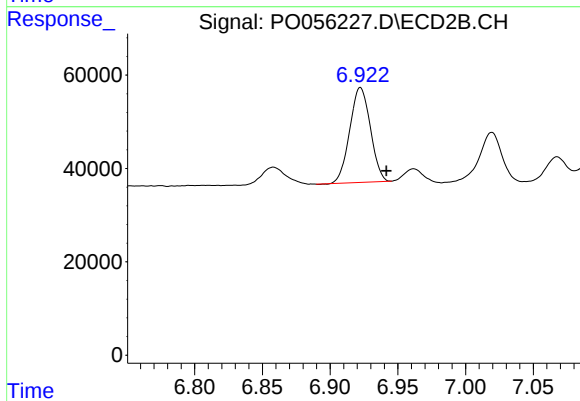
#33 AR-1260-3

R.T.: 6.454 min
Delta R.T.: -0.019 min
Response: 317469
Conc: 127.39 ng/ml



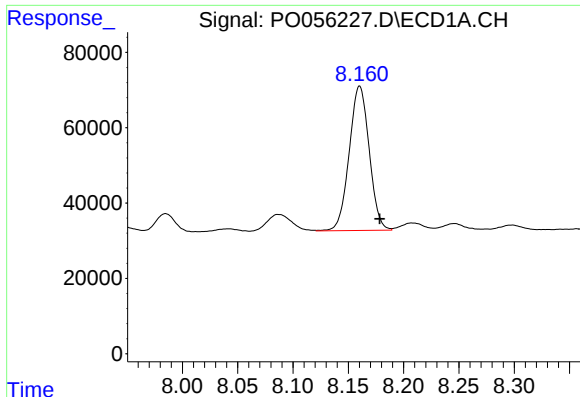
#34 AR-1260-4

R.T.: 7.851 min
Delta R.T.: -0.019 min
Response: 278312
Conc: 120.35 ng/ml



#34 AR-1260-4

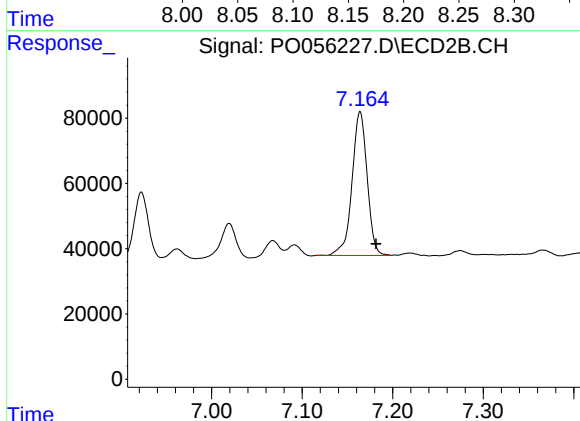
R.T.: 6.922 min
Delta R.T.: -0.019 min
Response: 215216
Conc: 104.30 ng/ml



#35 AR-1260-5

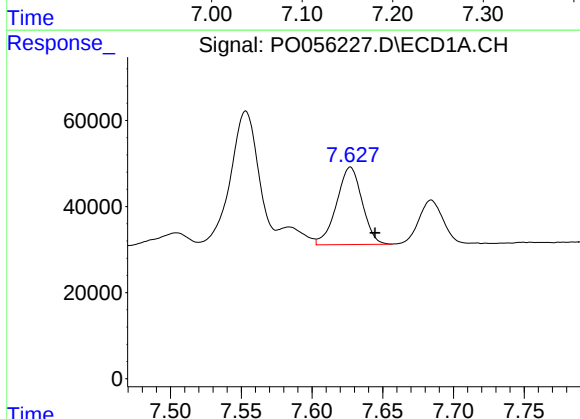
R.T.: 8.160 min
Delta R.T.: -0.018 min
Response: 482760
Conc: 113.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



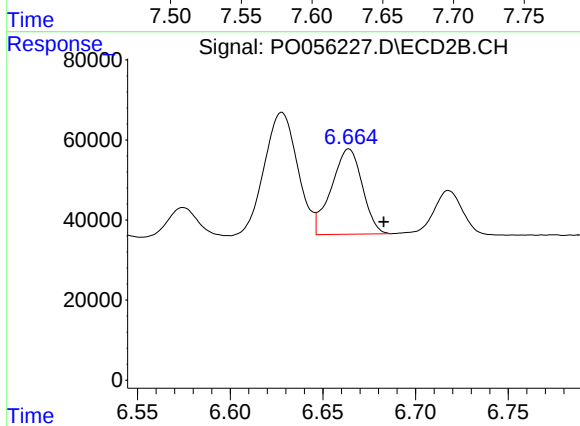
#35 AR-1260-5

R.T.: 7.164 min
Delta R.T.: -0.018 min
Response: 511256
Conc: 101.80 ng/ml



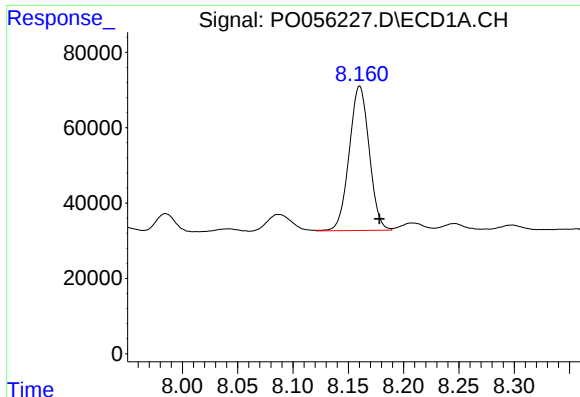
#36 AR-1262-1

R.T.: 7.627 min
Delta R.T.: -0.018 min
Response: 226818
Conc: 70.75 ng/ml



#36 AR-1262-1

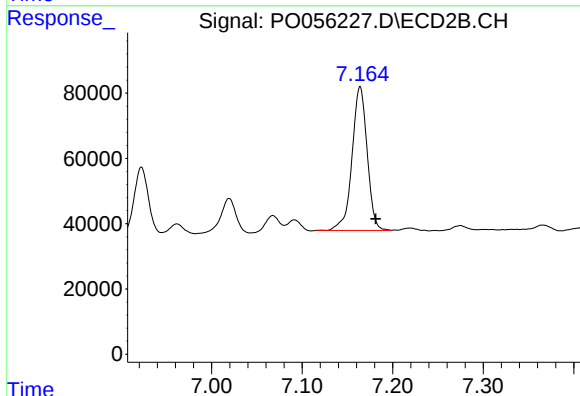
R.T.: 6.664 min
Delta R.T.: -0.019 min
Response: 247811
Conc: 60.43 ng/ml



#37 AR-1262-2

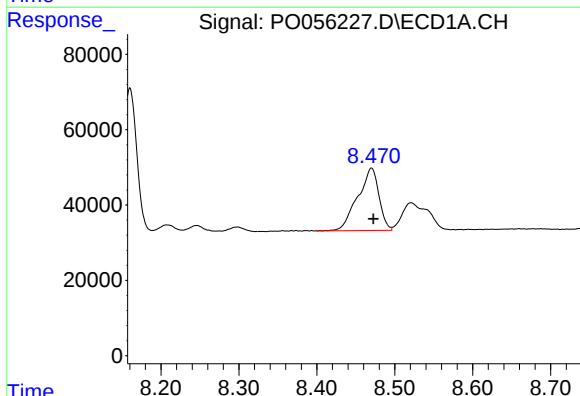
R.T.: 8.160 min
Delta R.T.: -0.018 min
Response: 482760
Conc: 89.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



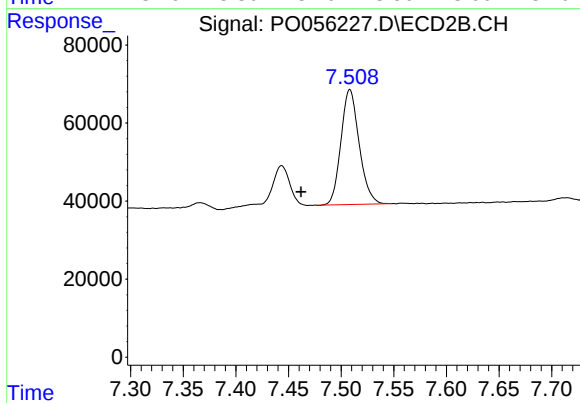
#37 AR-1262-2

R.T.: 7.164 min
Delta R.T.: -0.017 min
Response: 511256
Conc: 81.76 ng/ml



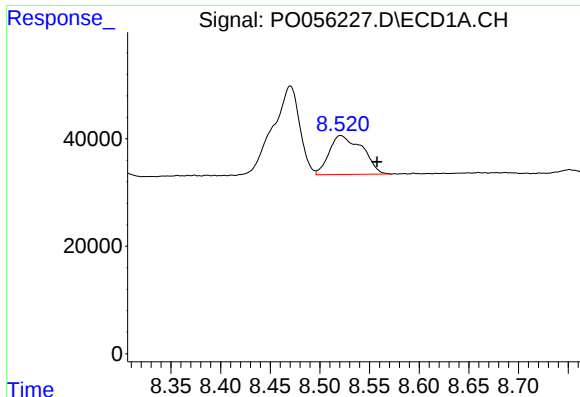
#38 AR-1262-3

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 312441
Conc: 86.10 ng/ml



#38 AR-1262-3

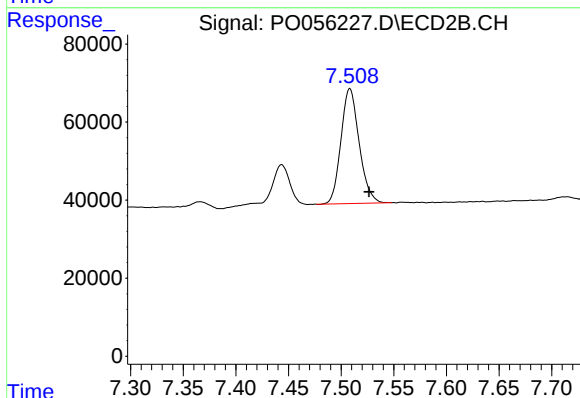
R.T.: 7.508 min
Delta R.T.: 0.046 min
Response: 354748
Conc: 144.03 ng/ml



#39 AR-1262-4

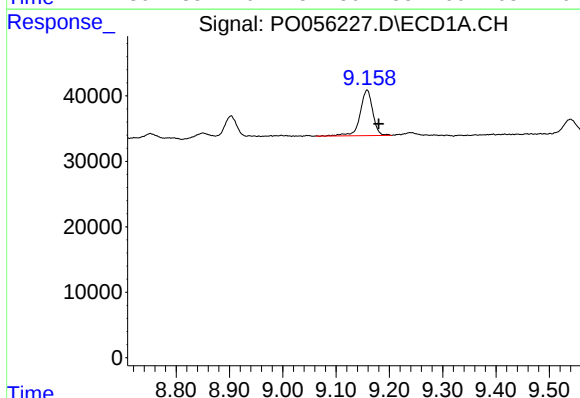
R.T.: 8.521 min
Delta R.T.: -0.037 min
Response: 167819
Conc: 61.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



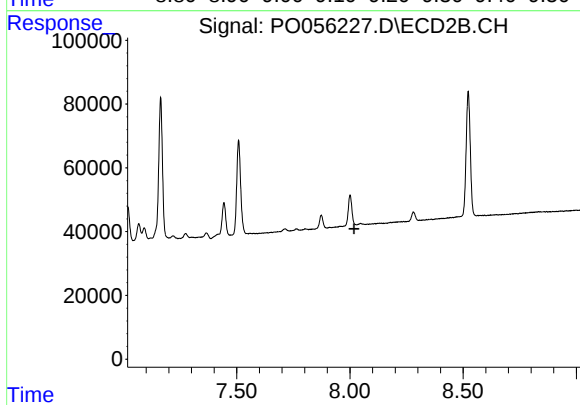
#39 AR-1262-4

R.T.: 7.508 min
Delta R.T.: -0.018 min
Response: 354748
Conc: 86.63 ng/ml



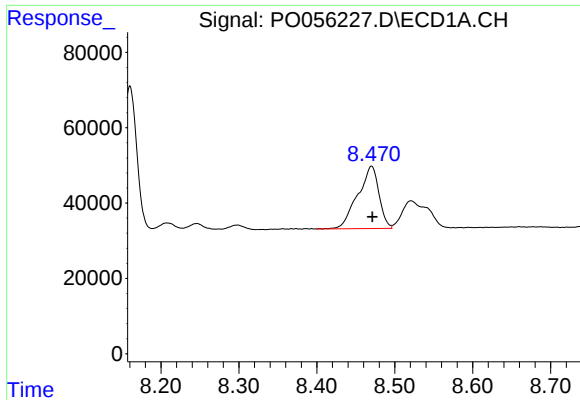
#40 AR-1262-5

R.T.: 9.158 min
Delta R.T.: -0.022 min
Response: 113697
Conc: 62.94 ng/ml



#40 AR-1262-5

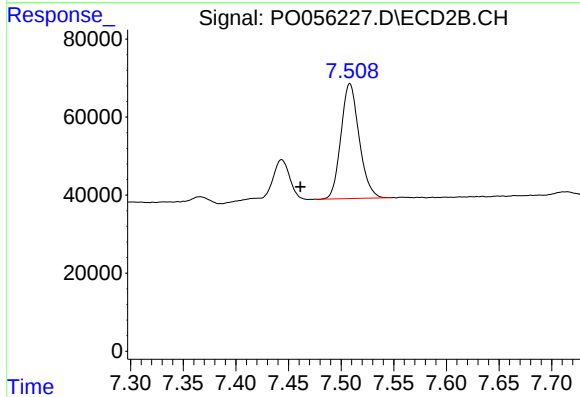
R.T.: 0.000 min
Exp R.T.: 8.018 min
Response: 0
Conc: N.D.



#41 AR-1268-1

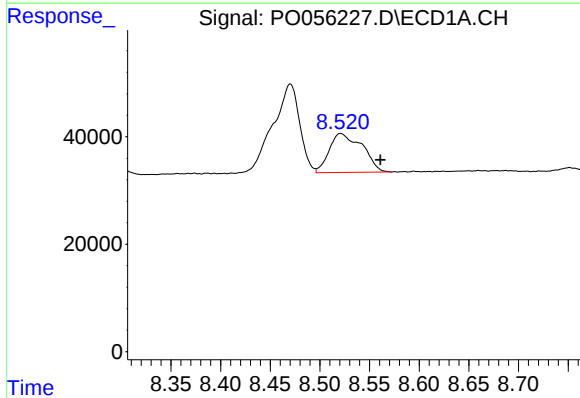
R.T.: 8.470 min
Delta R.T.: -0.001 min
Response: 312441
Conc: 51.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



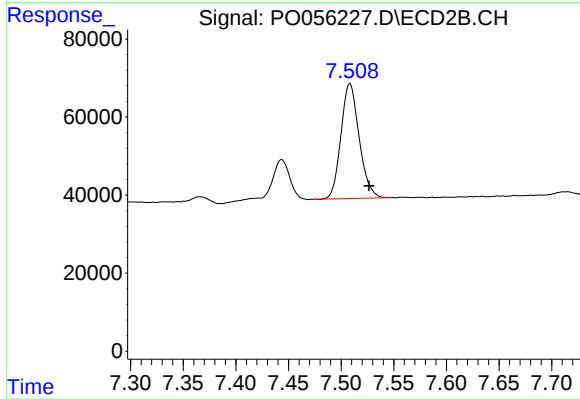
#41 AR-1268-1

R.T.: 7.508 min
Delta R.T.: 0.047 min
Response: 354748
Conc: 51.20 ng/ml



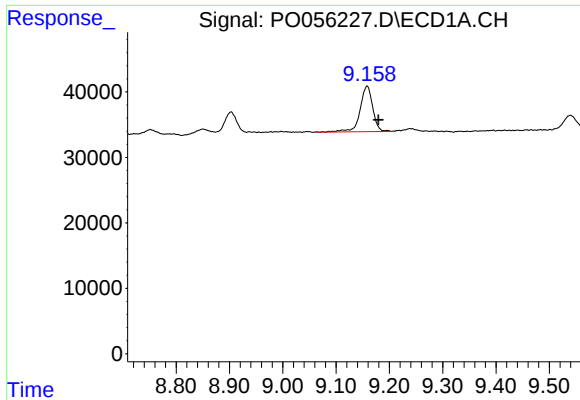
#42 AR-1268-2

R.T.: 8.521 min
Delta R.T.: -0.040 min
Response: 167819
Conc: 30.66 ng/ml



#42 AR-1268-2

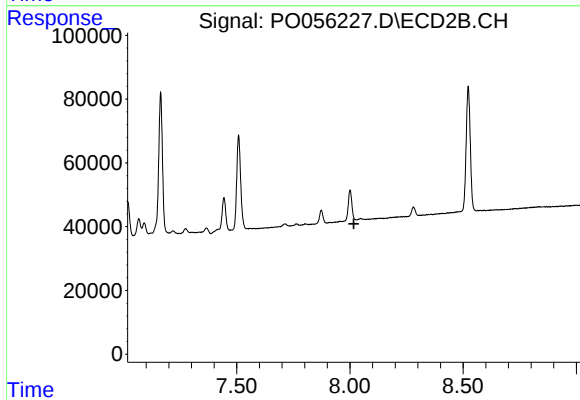
R.T.: 7.508 min
Delta R.T.: -0.018 min
Response: 354748
Conc: 62.35 ng/ml



#44 AR-1268-4

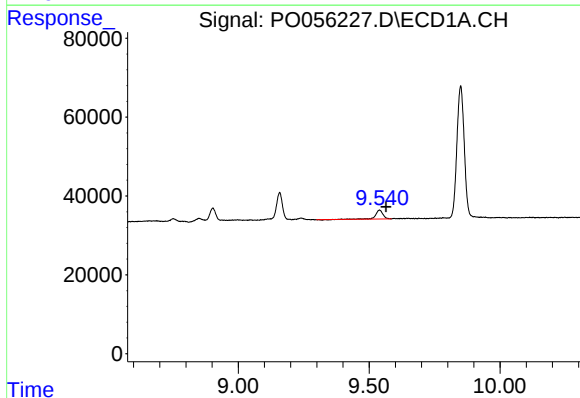
R.T.: 9.158 min
Delta R.T.: -0.021 min
Response: 113697
Conc: 57.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-200050MSD



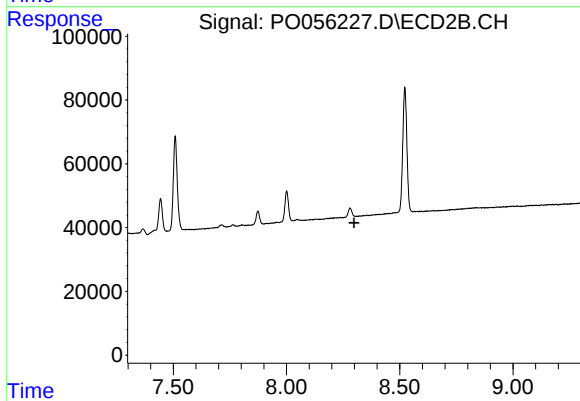
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.017 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.540 min
Delta R.T.: -0.025 min
Response: 45074
Conc: 3.34 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.298 min
Response: 0
Conc: N.D.