

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO111920\
 Data File : PO073355.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Nov 2020 15:27
 Operator : DD\AJ
 Sample : L4791-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 EMS-4-0002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:23:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO111720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 12:09:14 2020
 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...	4.950	4.016	917480	1236584	14.581	34.447 #
2)	SA Decachlor...	10.984	9.285	1204158	752437	22.498	21.536
Target Compounds							
3)	L1 AR-1016-1	0.000	5.264	0	25266	N.D.	16.429 #
4)	L1 AR-1016-2	0.000	5.288	0	45688	N.D.	21.769 #
5)	L1 AR-1016-3	0.000	5.476	0	32779	N.D.	32.945 #
6)	L1 AR-1016-4	0.000	5.527	0	102429	N.D.	113.140 #
7)	L1 AR-1016-5	6.788	5.753	25977	143776	16.703	125.700 #
8)	L2 AR-1221-1	0.000	4.259	0	51752	N.D.	119.672 #
9)	L2 AR-1221-2	0.000	4.363	0	26552	N.D.	81.320 #
10)	L2 AR-1221-3	0.000	4.460	0	11923	N.D.	12.076 #
11)	L3 AR-1232-1	0.000	4.460	0	11923	N.D.	13.871 #
12)	L3 AR-1232-2	0.000	5.288	0	45688	N.D.	49.008 #
13)	L3 AR-1232-3	0.000	5.476	0	32779	N.D.	72.558 #
14)	L3 AR-1232-4	0.000	5.572	0	54604	N.D.	123.946 #
15)	L3 AR-1232-5	6.570	5.753	102846	143776	196.472	289.426 #
16)	L4 AR-1242-1	0.000	5.264	0	25266	N.D.	20.434 #
17)	L4 AR-1242-2	0.000	5.288	0	45688	N.D.	27.392 #
18)	L4 AR-1242-3	0.000	5.476	0	32779	N.D.	39.718 #
19)	L4 AR-1242-4	0.000	5.572	0	54604	N.D.	61.731 #
20)	L4 AR-1242-5	7.261	6.132	129650	436577	80.973	374.214 #
21)	L5 AR-1248-1	0.000	5.264	0	25266	N.D.	26.832 #
22)	L5 AR-1248-2	6.570	5.527	102846	102429	51.838	80.883 #
23)	L5 AR-1248-3	6.788	5.572	25977	54604	11.591	41.518 #
24)	L5 AR-1248-4	7.219	5.753	115284	143776	38.781	90.823 #
25)	L5 AR-1248-5	7.261	6.174	129650	27664	46.421	16.682 #
26)	L6 AR-1254-1	7.187	6.132	544438	436577	184.876	177.532
27)	L6 AR-1254-2	7.419	6.291	630823	324423	132.427	148.382
28)	L6 AR-1254-3	7.801	6.708	1468295	955731	307.085	261.785
29)	L6 AR-1254-4	8.098	6.947	402687	283820	94.337	118.685 #
30)	L6 AR-1254-5	8.528	7.373	1152741	900622	288.770	271.723
31)	L7 AR-1260-1	7.969	6.845	396196	491330	132.481	216.776 #
32)	L7 AR-1260-2	8.235	7.041	855628	418209	199.702	155.336
33)	L7 AR-1260-3	8.601	7.193	621773	465685	192.077	189.099
34)	L7 AR-1260-4	8.828	7.674	766201	287565	245.591	141.099 #
35)	L7 AR-1260-5	9.161	7.920	917865	684653	127.728	144.647
36)	L8 AR-1262-1	8.601	7.373	621773	900622	125.758	561.371 #
37)	L8 AR-1262-2	9.161	7.920	917865	684653	111.731	130.401
38)	L8 AR-1262-3	9.472	8.206	1145251	687786	221.950	328.731 #
39)	L8 AR-1262-4	9.568	8.270	1034486	806384	261.483	212.662
40)	L8 AR-1262-5	10.235	8.763	739629	435054	270.177	252.867
41)	L9 AR-1268-1	9.472	8.206	1145251	687786	109.243	115.408

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111920\
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 Acq On : 19 Nov 2020 15:27
 Operator : DD\AJ
 Sample : L4791-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

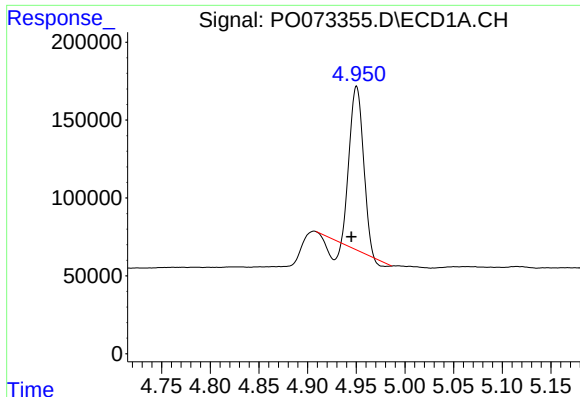
Instrument :
 ECD_O
 ClientSampleId :
 EMS-4-0002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:23:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111720.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
42) L9	AR-1268-2	9.568	8.270	1034486	806384	113.135	153.382 #
43) L9	AR-1268-3	9.794	8.477	259176	175033	31.290	38.440
44) L9	AR-1268-4	10.235	8.763	739629	435054	235.375	235.662
45) L9	AR-1268-5	10.649	9.042	1170926	759439	47.361	52.871

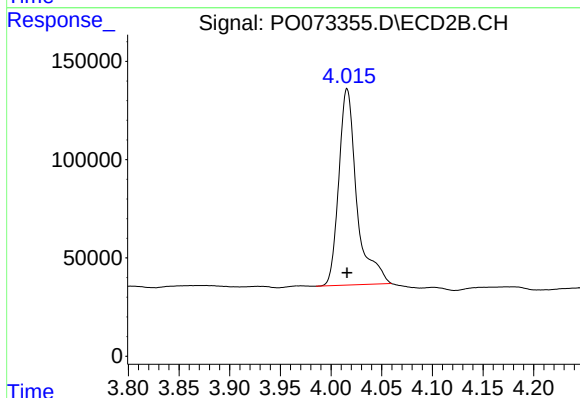
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

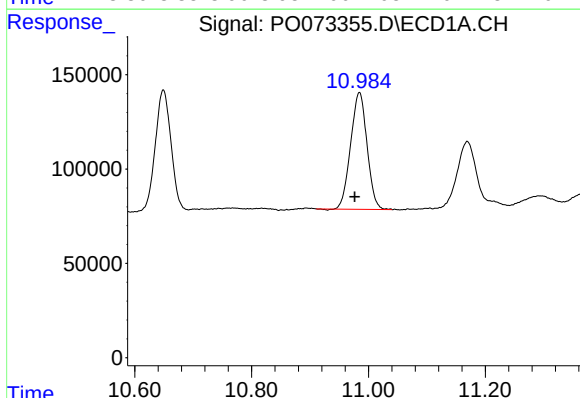
R.T.: 4.950 min
Delta R.T.: 0.005 min
Response: 917480
Conc: 14.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



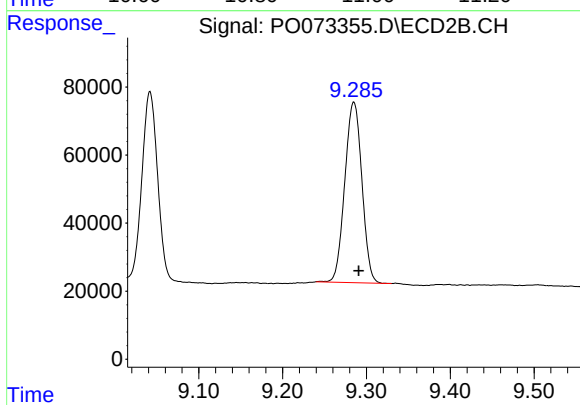
#1 Tetrachloro-m-xylene

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 1236584
Conc: 34.45 ng/ml



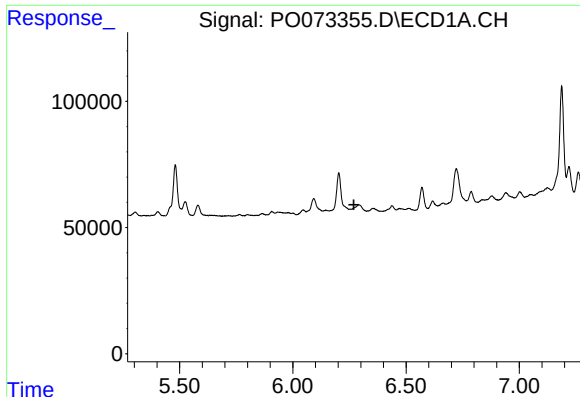
#2 Decachlorobiphenyl

R.T.: 10.984 min
Delta R.T.: 0.008 min
Response: 1204158
Conc: 22.50 ng/ml



#2 Decachlorobiphenyl

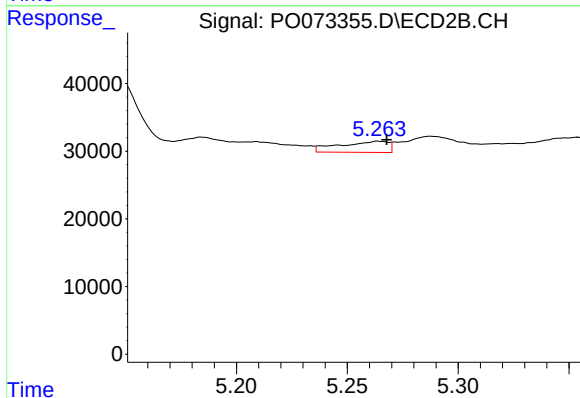
R.T.: 9.285 min
Delta R.T.: -0.006 min
Response: 752437
Conc: 21.54 ng/ml



#3 AR-1016-1

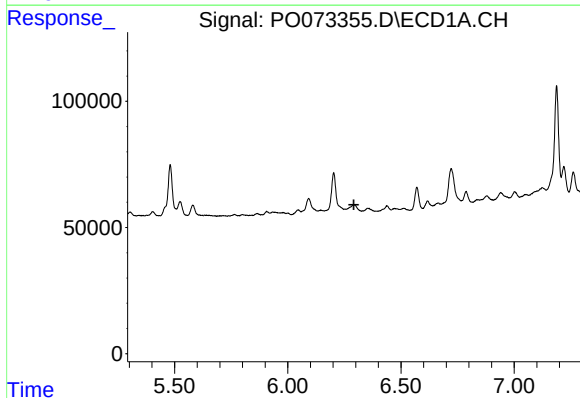
R.T.: 0.000 min
Exp R.T.: 6.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



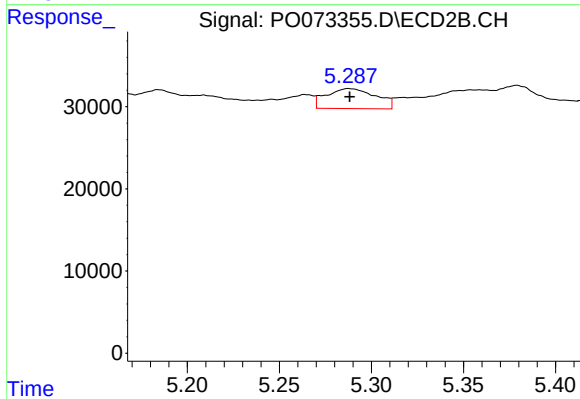
#3 AR-1016-1

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 25266
Conc: 16.43 ng/ml



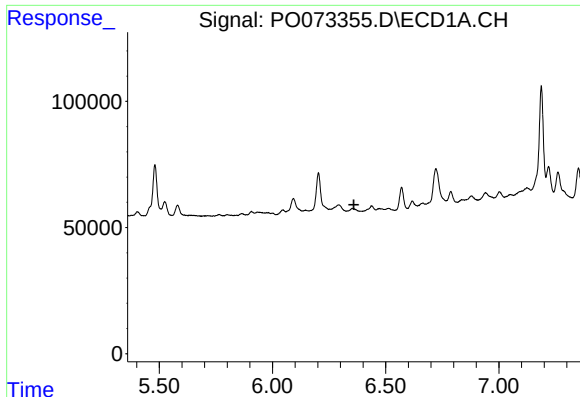
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.292 min
Response: 0
Conc: N.D.



#4 AR-1016-2

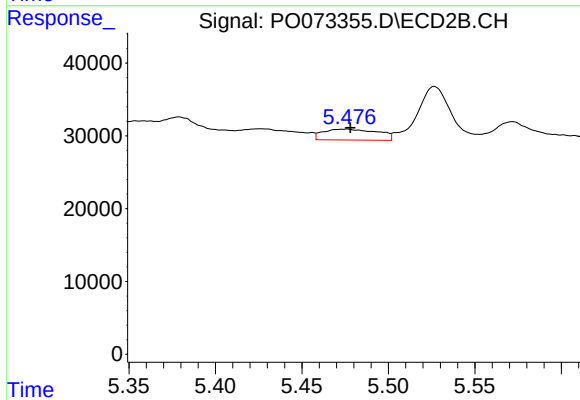
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 45688
Conc: 21.77 ng/ml



#5 AR-1016-3

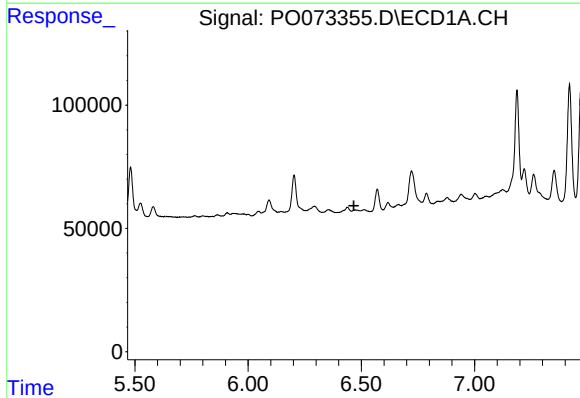
R.T.: 0.000 min
Exp R.T.: 6.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



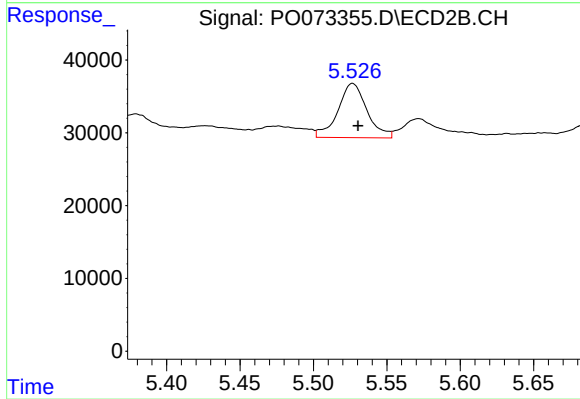
#5 AR-1016-3

R.T.: 5.476 min
Delta R.T.: -0.002 min
Response: 32779
Conc: 32.95 ng/ml



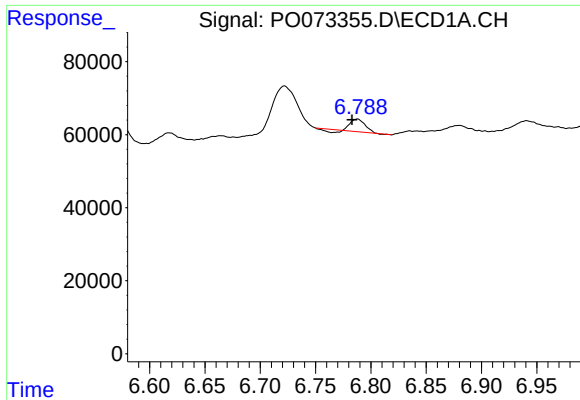
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.



#6 AR-1016-4

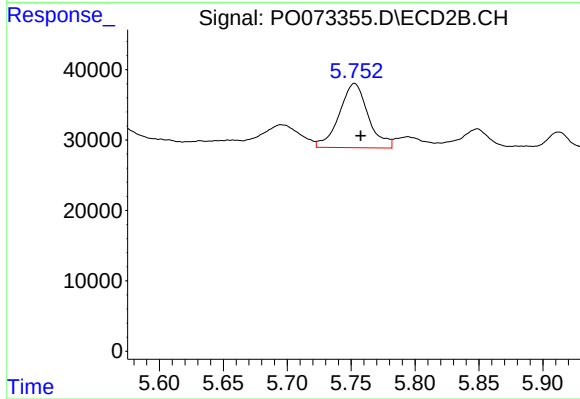
R.T.: 5.527 min
Delta R.T.: -0.004 min
Response: 102429
Conc: 113.14 ng/ml



#7 AR-1016-5

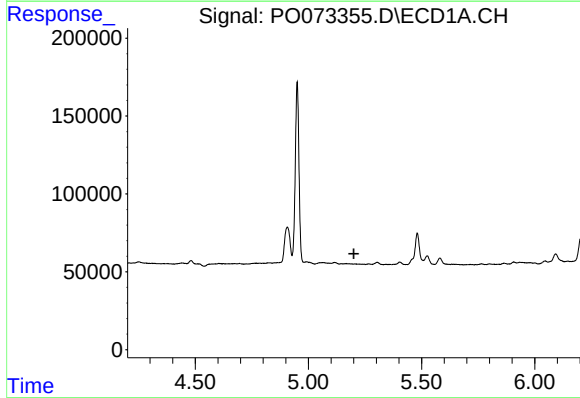
R.T.: 6.788 min
Delta R.T.: 0.005 min
Response: 25977
Conc: 16.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



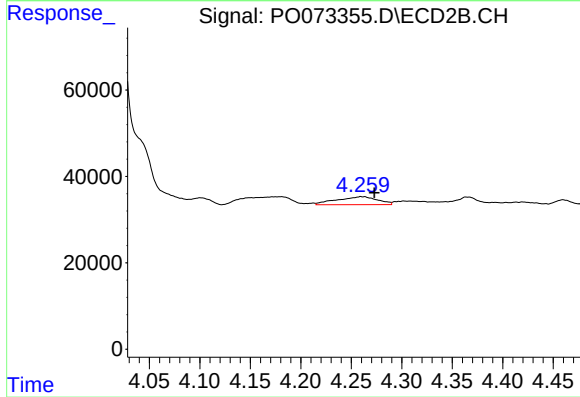
#7 AR-1016-5

R.T.: 5.753 min
Delta R.T.: -0.005 min
Response: 143776
Conc: 125.70 ng/ml



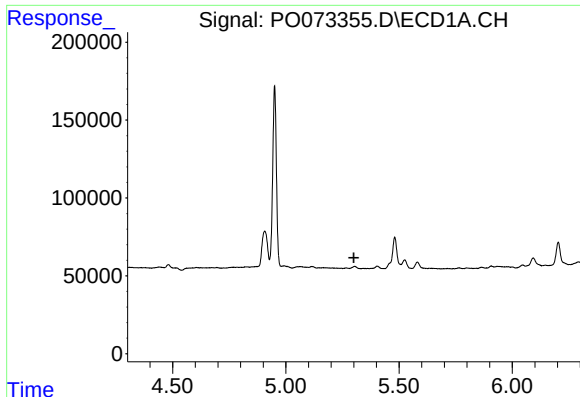
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.201 min
Response: 0
Conc: N.D.



#8 AR-1221-1

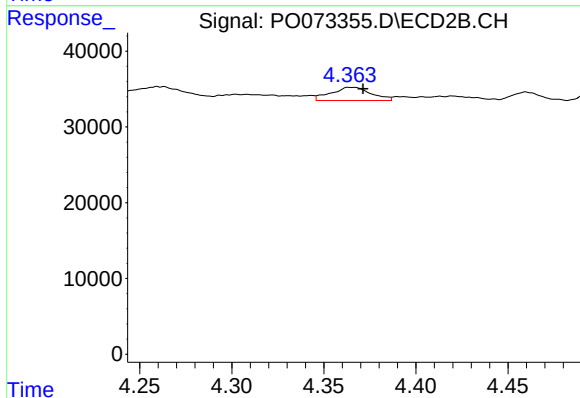
R.T.: 4.259 min
Delta R.T.: -0.013 min
Response: 51752
Conc: 119.67 ng/ml



#9 AR-1221-2

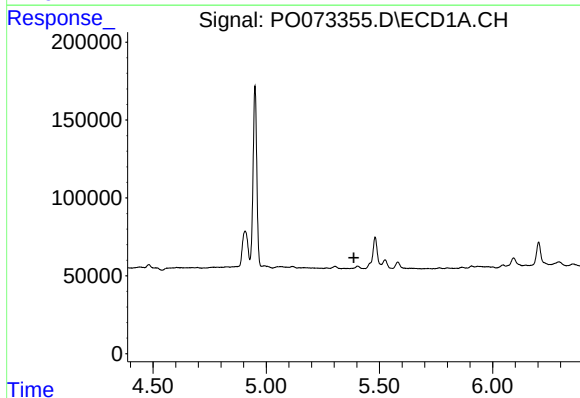
R.T.: 0.000 min
Exp R.T.: 5.300 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



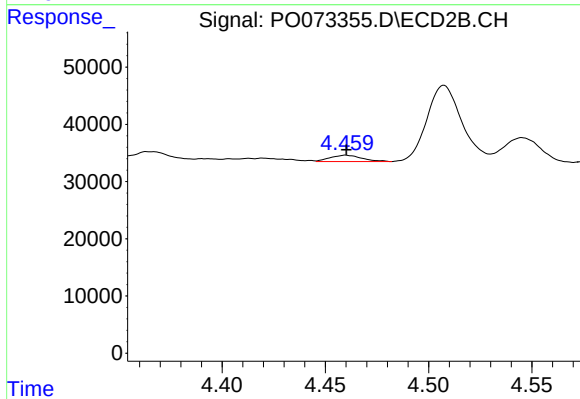
#9 AR-1221-2

R.T.: 4.363 min
Delta R.T.: -0.008 min
Response: 26552
Conc: 81.32 ng/ml



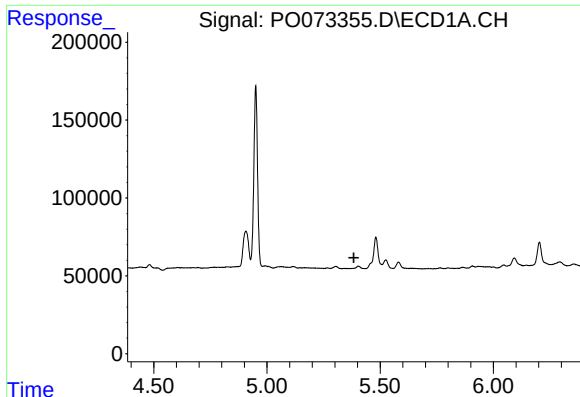
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 5.387 min
Response: 0
Conc: N.D.



#10 AR-1221-3

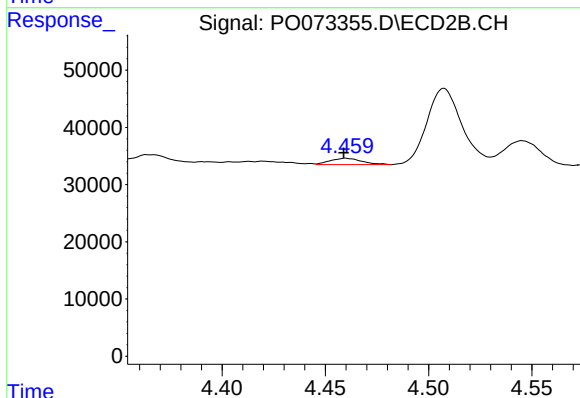
R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 11923
Conc: 12.08 ng/ml



#11 AR-1232-1

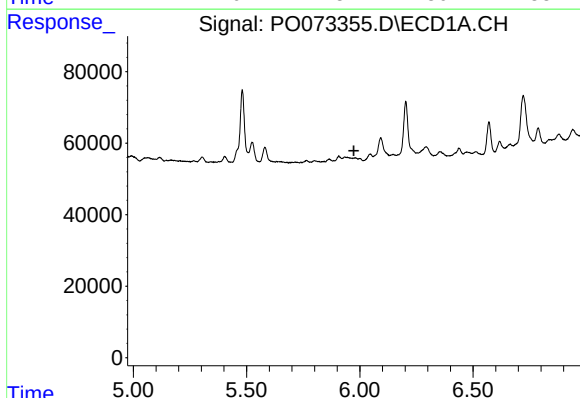
R.T.: 0.000 min
Exp R.T.: 5.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



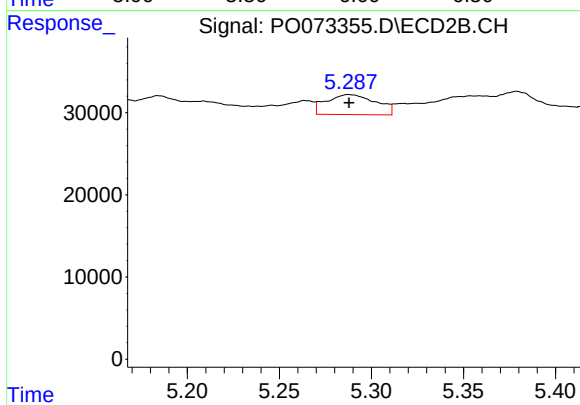
#11 AR-1232-1

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 11923
Conc: 13.87 ng/ml



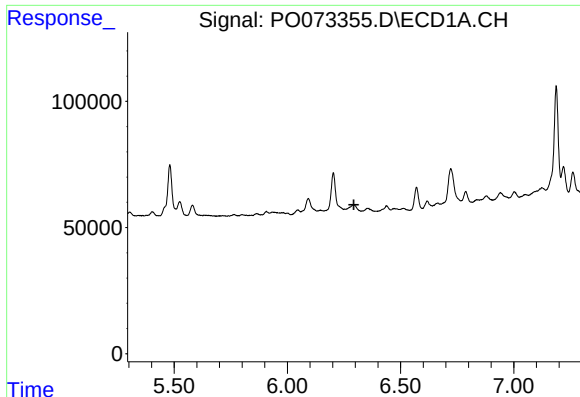
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.974 min
Response: 0
Conc: N.D.



#12 AR-1232-2

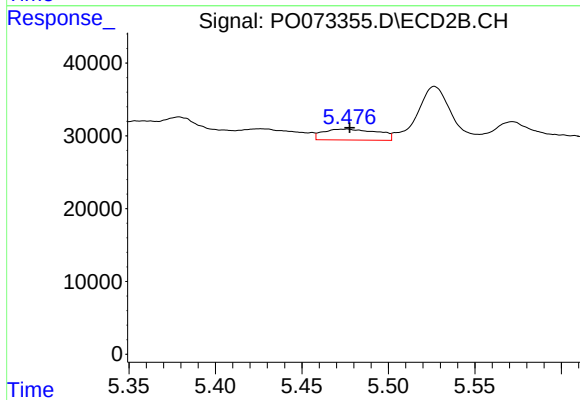
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 45688
Conc: 49.01 ng/ml



#13 AR-1232-3

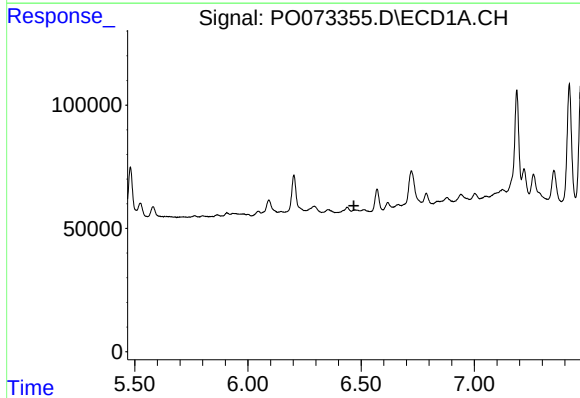
R.T.: 0.000 min
Exp R.T.: 6.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



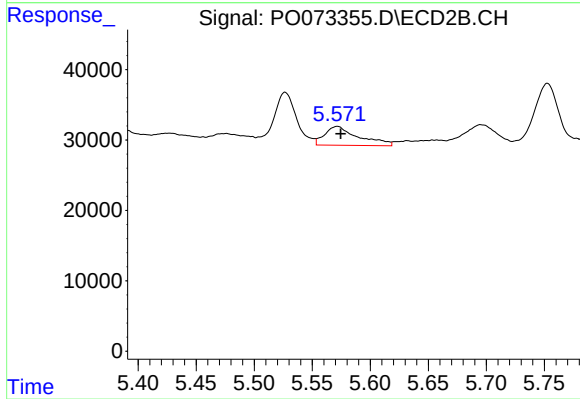
#13 AR-1232-3

R.T.: 5.476 min
Delta R.T.: -0.002 min
Response: 32779
Conc: 72.56 ng/ml



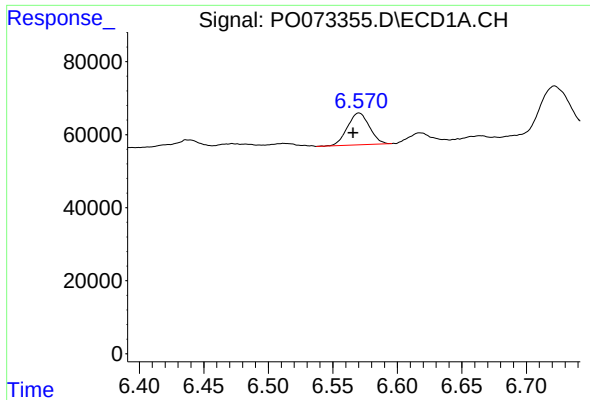
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.468 min
Response: 0
Conc: N.D.



#14 AR-1232-4

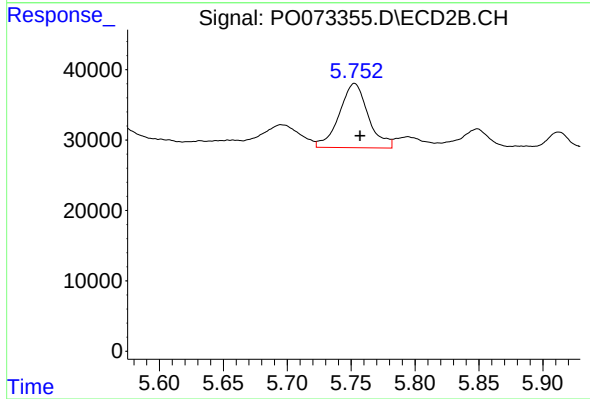
R.T.: 5.572 min
Delta R.T.: -0.003 min
Response: 54604
Conc: 123.95 ng/ml



#15 AR-1232-5

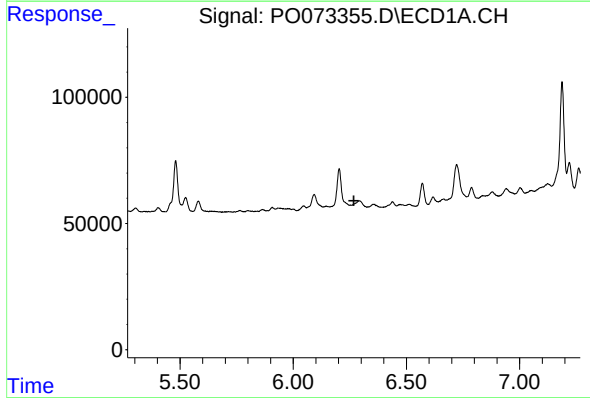
R.T.: 6.570 min
Delta R.T.: 0.004 min
Response: 102846
Conc: 196.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



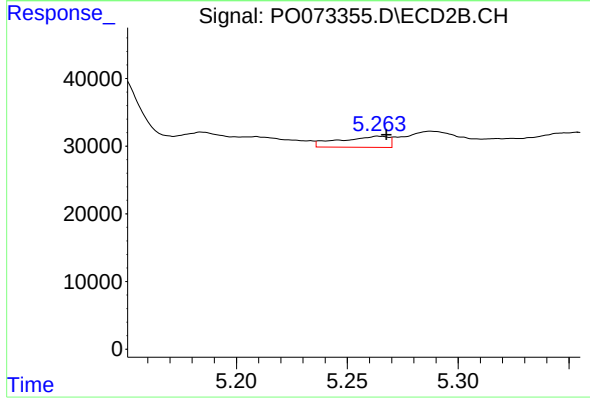
#15 AR-1232-5

R.T.: 5.753 min
Delta R.T.: -0.004 min
Response: 143776
Conc: 289.43 ng/ml



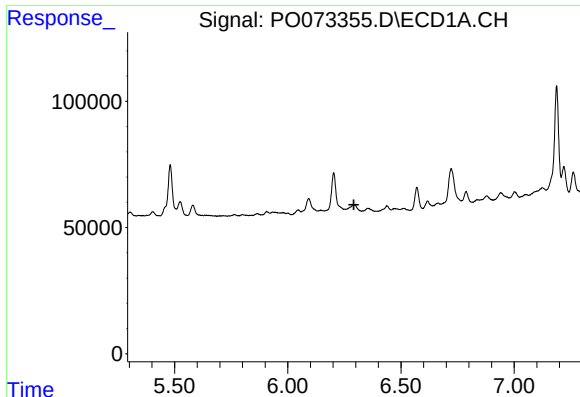
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.268 min
Response: 0
Conc: N.D.



#16 AR-1242-1

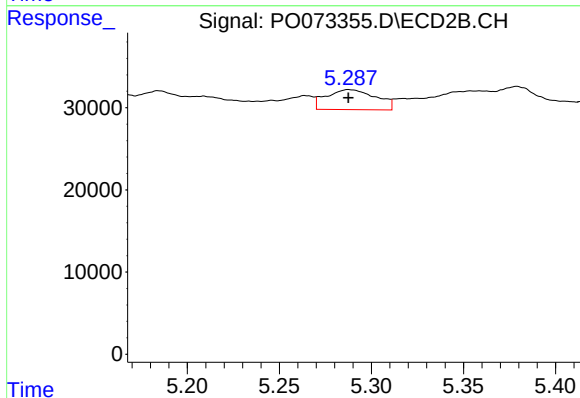
R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 25266
Conc: 20.43 ng/ml



#17 AR-1242-2

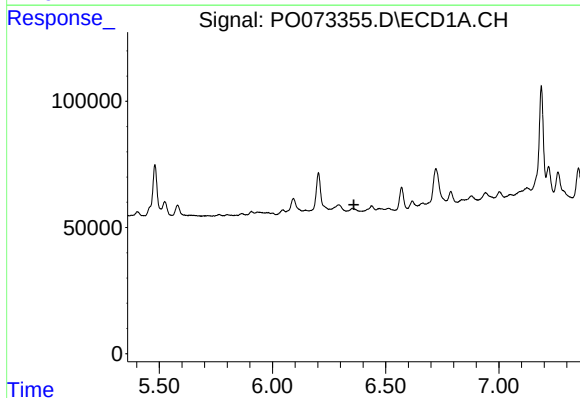
R.T.: 0.000 min
Exp R.T.: 6.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



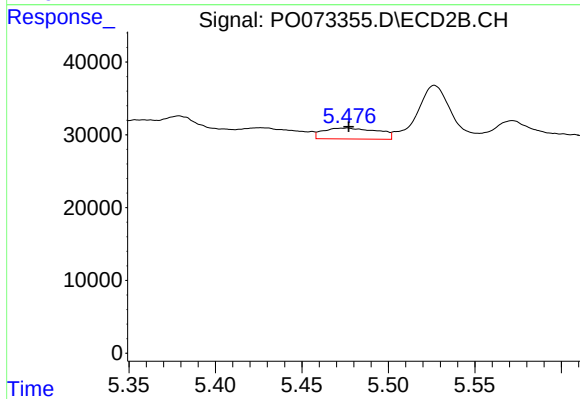
#17 AR-1242-2

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 45688
Conc: 27.39 ng/ml



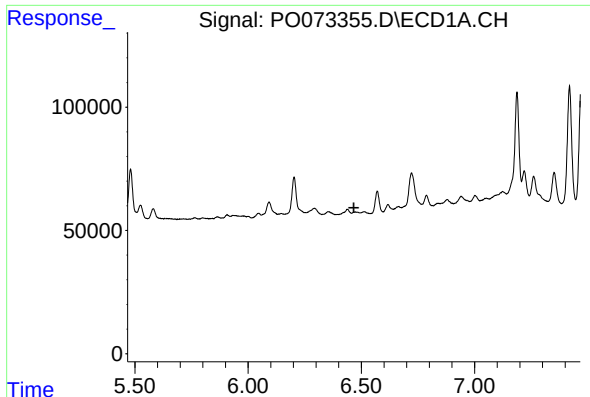
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.360 min
Response: 0
Conc: N.D.



#18 AR-1242-3

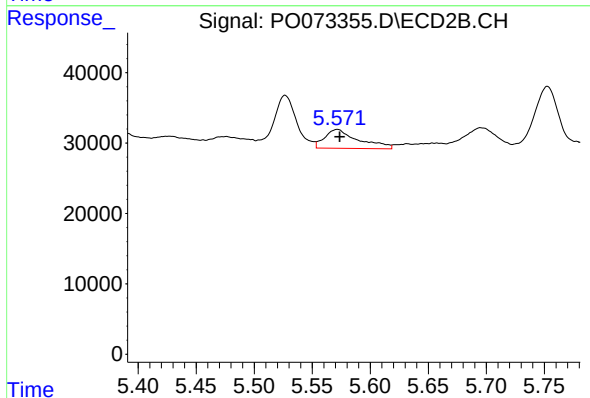
R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 32779
Conc: 39.72 ng/ml



#19 AR-1242-4

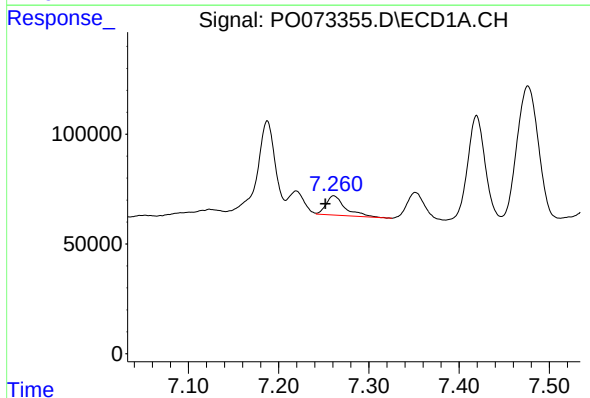
R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



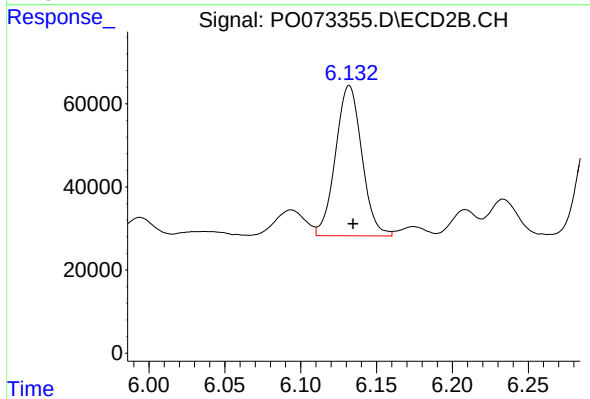
#19 AR-1242-4

R.T.: 5.572 min
Delta R.T.: -0.002 min
Response: 54604
Conc: 61.73 ng/ml



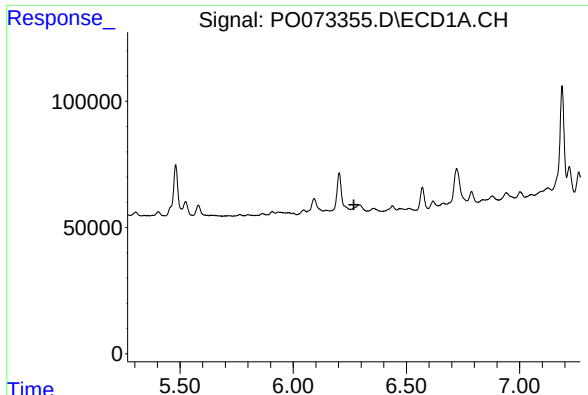
#20 AR-1242-5

R.T.: 7.261 min
Delta R.T.: 0.009 min
Response: 129650
Conc: 80.97 ng/ml



#20 AR-1242-5

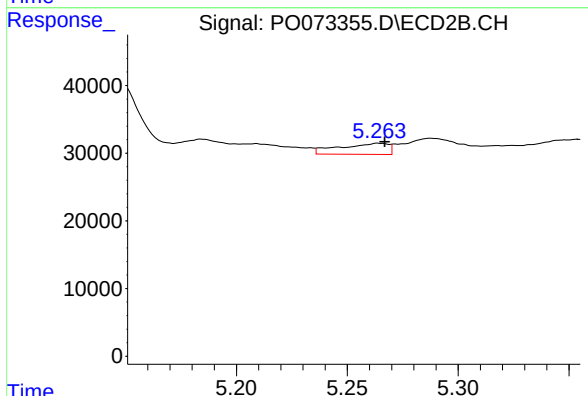
R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 436577
Conc: 374.21 ng/ml



#21 AR-1248-1

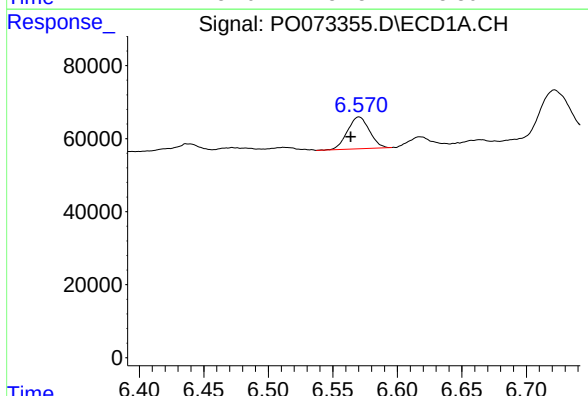
R.T.: 0.000 min
Exp R.T.: 6.268 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



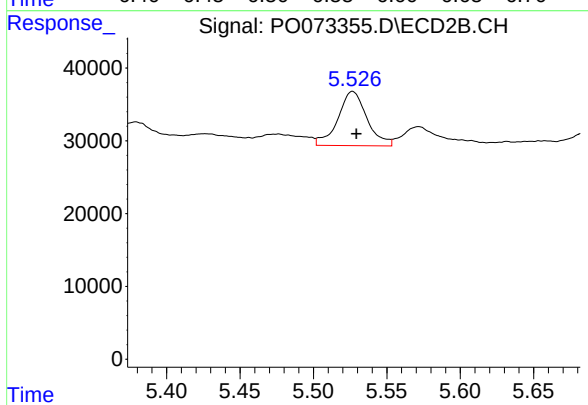
#21 AR-1248-1

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 25266
Conc: 26.83 ng/ml



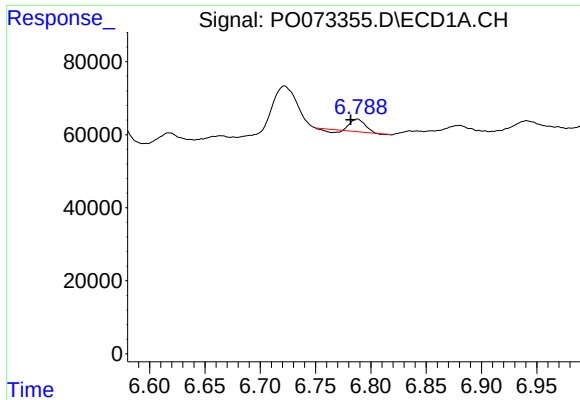
#22 AR-1248-2

R.T.: 6.570 min
Delta R.T.: 0.006 min
Response: 102846
Conc: 51.84 ng/ml



#22 AR-1248-2

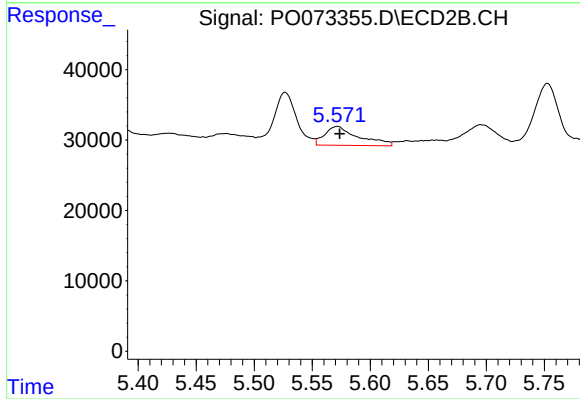
R.T.: 5.527 min
Delta R.T.: -0.002 min
Response: 102429
Conc: 80.88 ng/ml



#23 AR-1248-3

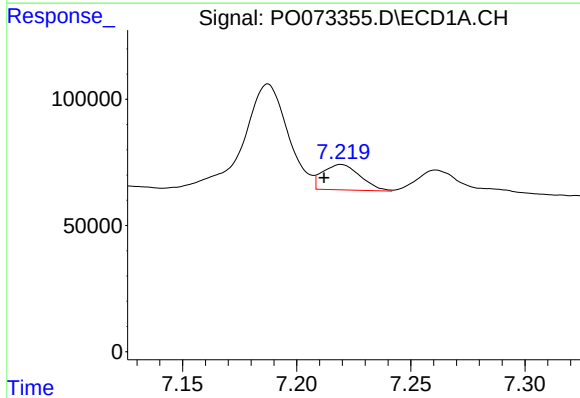
R.T.: 6.788 min
Delta R.T.: 0.006 min
Response: 25977
Conc: 11.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



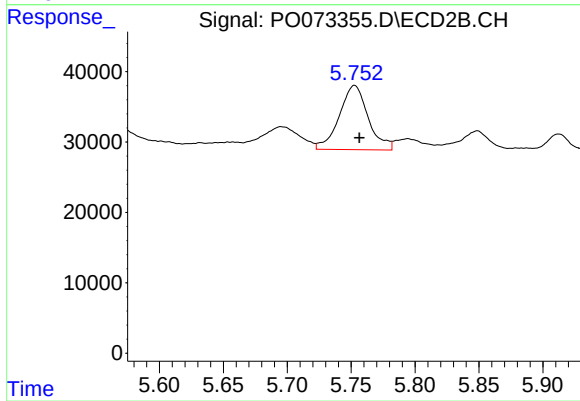
#23 AR-1248-3

R.T.: 5.572 min
Delta R.T.: -0.002 min
Response: 54604
Conc: 41.52 ng/ml



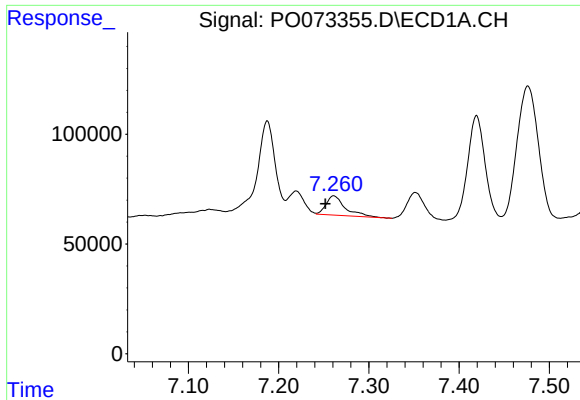
#24 AR-1248-4

R.T.: 7.219 min
Delta R.T.: 0.007 min
Response: 115284
Conc: 38.78 ng/ml



#24 AR-1248-4

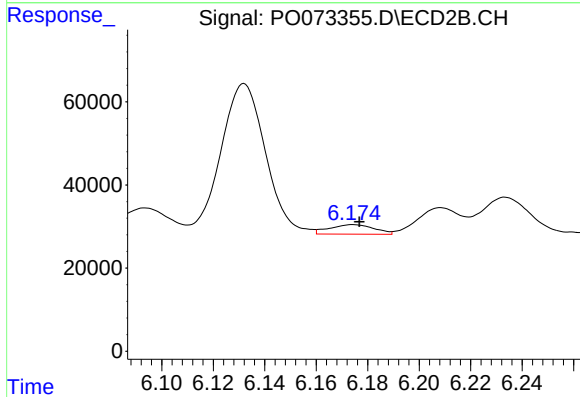
R.T.: 5.753 min
Delta R.T.: -0.004 min
Response: 143776
Conc: 90.82 ng/ml



#25 AR-1248-5

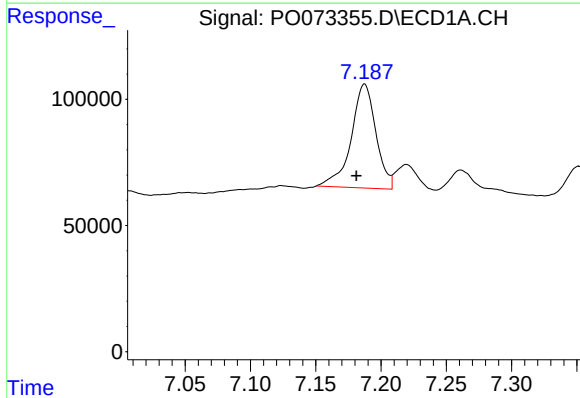
R.T.: 7.261 min
Delta R.T.: 0.009 min
Response: 129650
Conc: 46.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



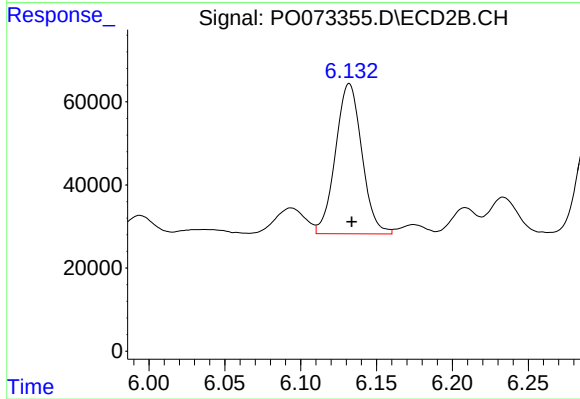
#25 AR-1248-5

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 27664
Conc: 16.68 ng/ml



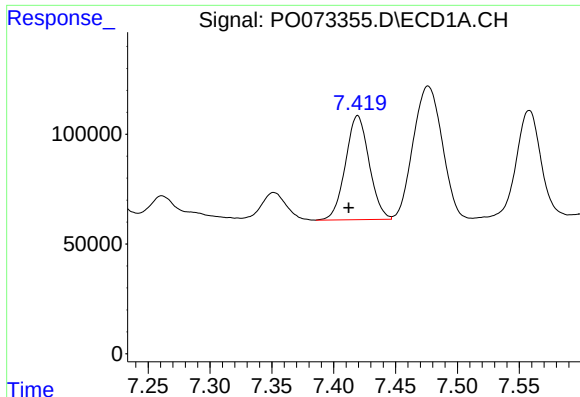
#26 AR-1254-1

R.T.: 7.187 min
Delta R.T.: 0.006 min
Response: 544438
Conc: 184.88 ng/ml



#26 AR-1254-1

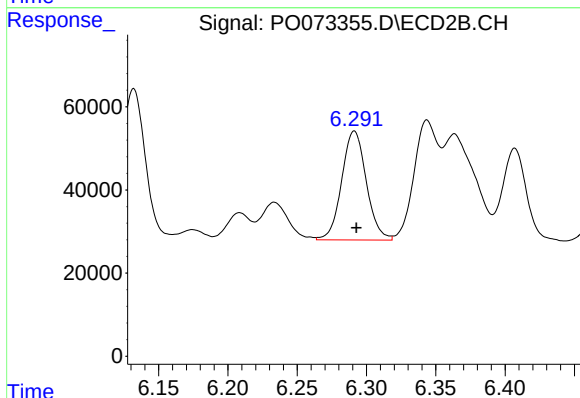
R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 436577
Conc: 177.53 ng/ml



#27 AR-1254-2

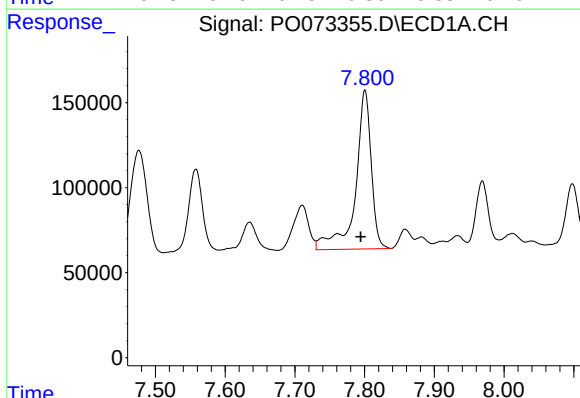
R.T.: 7.419 min
Delta R.T.: 0.007 min
Response: 630823
Conc: 132.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



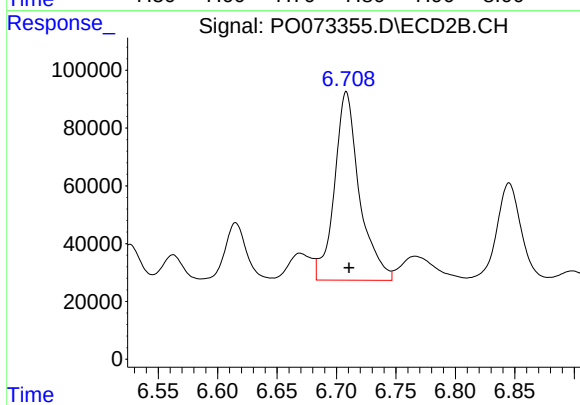
#27 AR-1254-2

R.T.: 6.291 min
Delta R.T.: -0.001 min
Response: 324423
Conc: 148.38 ng/ml



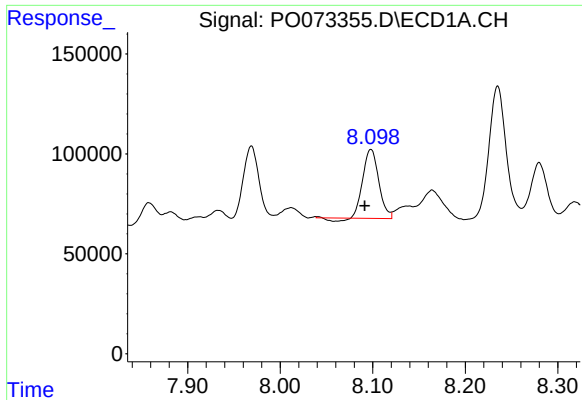
#28 AR-1254-3

R.T.: 7.801 min
Delta R.T.: 0.006 min
Response: 1468295
Conc: 307.08 ng/ml



#28 AR-1254-3

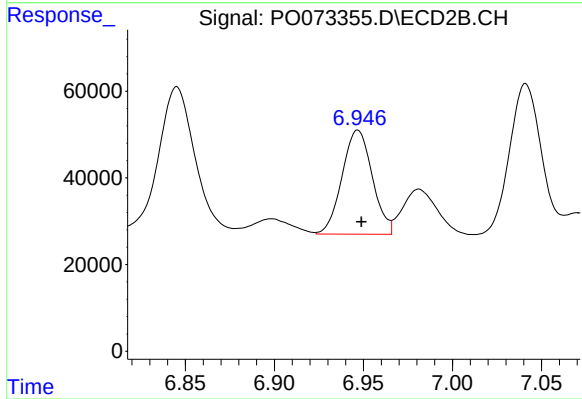
R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 955731
Conc: 261.79 ng/ml



#29 AR-1254-4

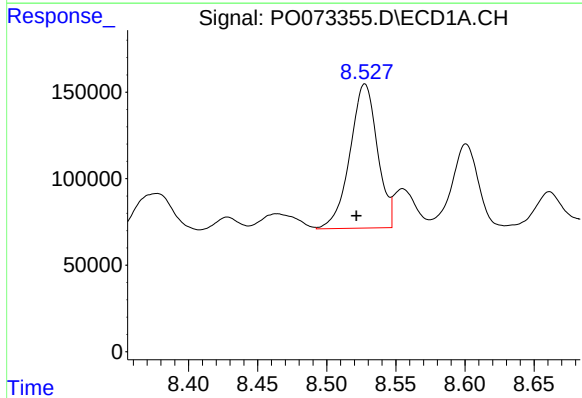
R.T.: 8.098 min
Delta R.T.: 0.007 min
Response: 402687
Conc: 94.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



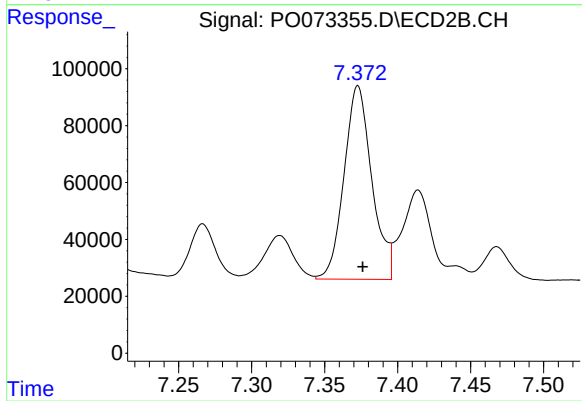
#29 AR-1254-4

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 283820
Conc: 118.68 ng/ml



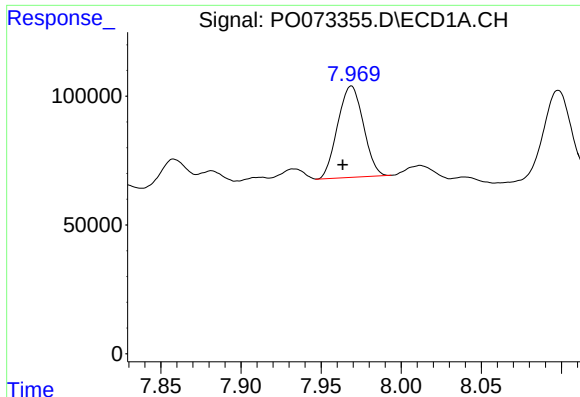
#30 AR-1254-5

R.T.: 8.528 min
Delta R.T.: 0.006 min
Response: 1152741
Conc: 288.77 ng/ml



#30 AR-1254-5

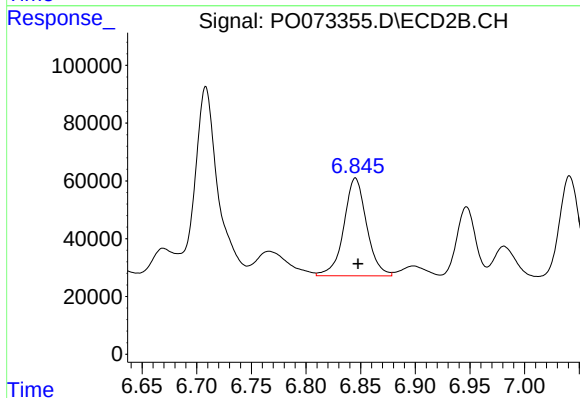
R.T.: 7.373 min
Delta R.T.: -0.003 min
Response: 900622
Conc: 271.72 ng/ml



#31 AR-1260-1

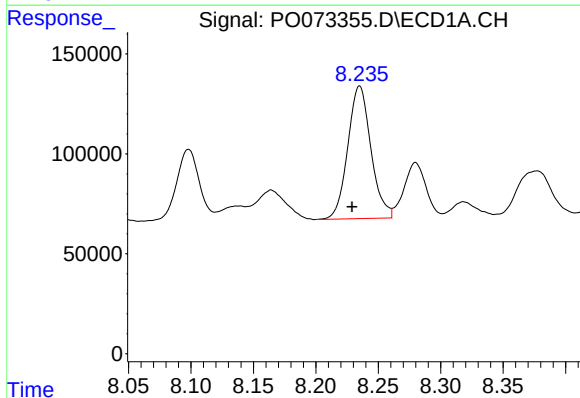
R.T.: 7.969 min
Delta R.T.: 0.005 min
Response: 396196
Conc: 132.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



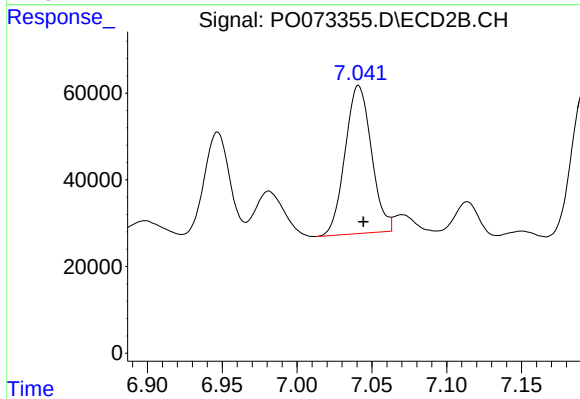
#31 AR-1260-1

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 491330
Conc: 216.78 ng/ml



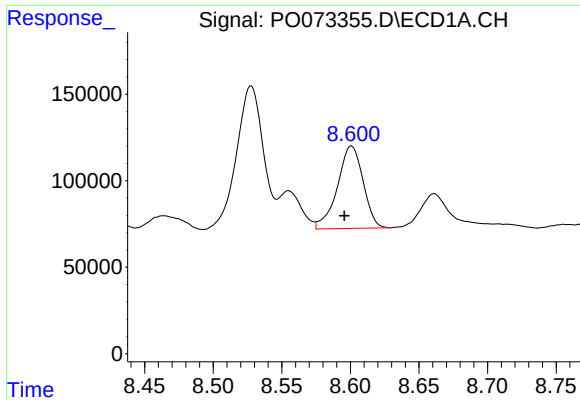
#32 AR-1260-2

R.T.: 8.235 min
Delta R.T.: 0.006 min
Response: 855628
Conc: 199.70 ng/ml



#32 AR-1260-2

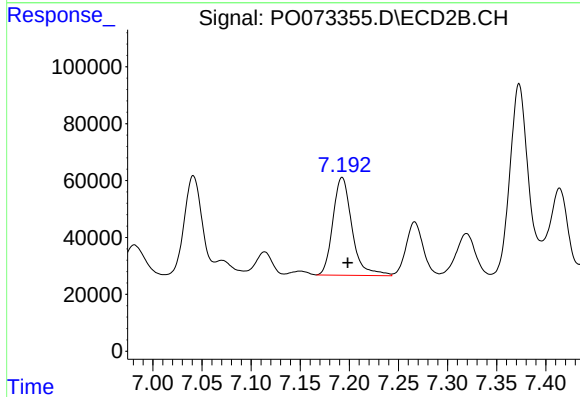
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 418209
Conc: 155.34 ng/ml



#33 AR-1260-3

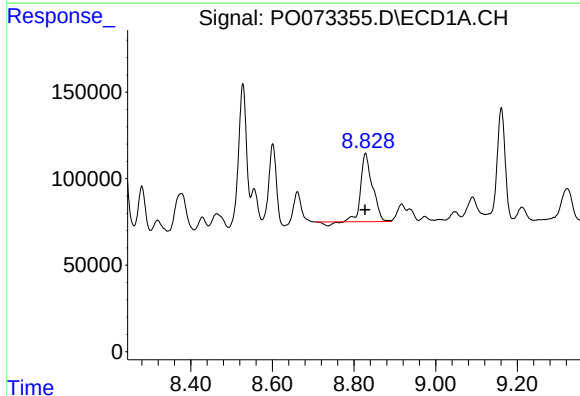
R.T.: 8.601 min
Delta R.T.: 0.005 min
Response: 621773
Conc: 192.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



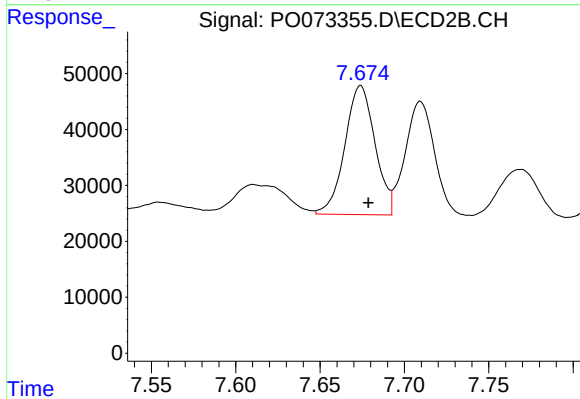
#33 AR-1260-3

R.T.: 7.193 min
Delta R.T.: -0.006 min
Response: 465685
Conc: 189.10 ng/ml



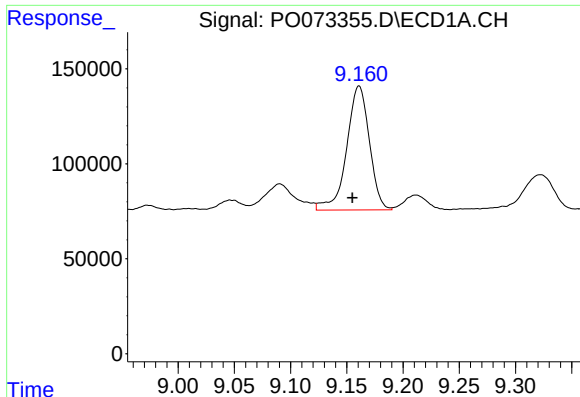
#34 AR-1260-4

R.T.: 8.828 min
Delta R.T.: 0.000 min
Response: 766201
Conc: 245.59 ng/ml



#34 AR-1260-4

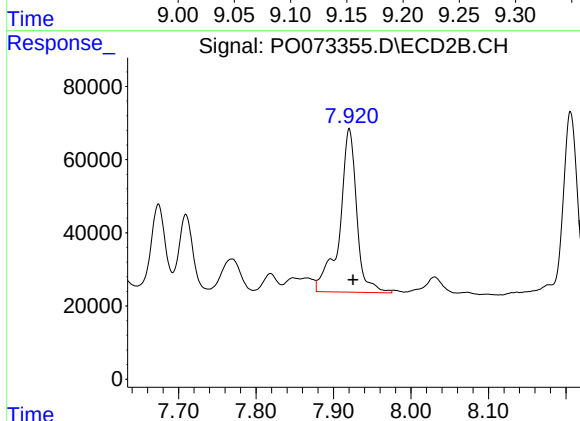
R.T.: 7.674 min
Delta R.T.: -0.005 min
Response: 287565
Conc: 141.10 ng/ml



#35 AR-1260-5

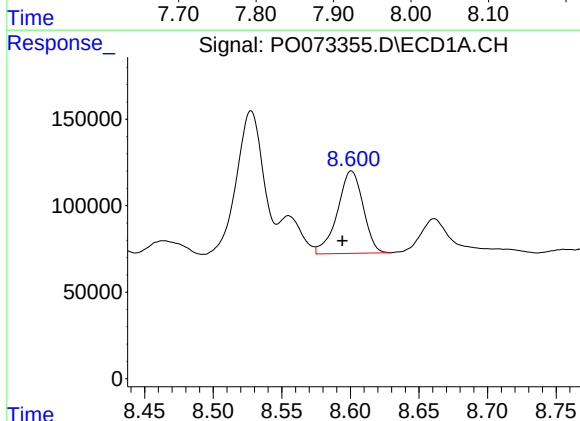
R.T.: 9.161 min
Delta R.T.: 0.006 min
Response: 917865
Conc: 127.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



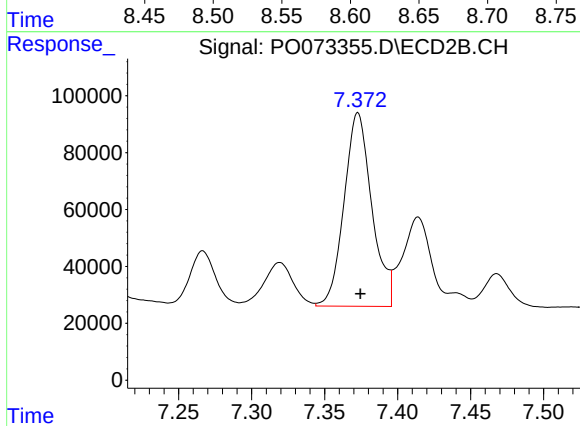
#35 AR-1260-5

R.T.: 7.920 min
Delta R.T.: -0.005 min
Response: 684653
Conc: 144.65 ng/ml



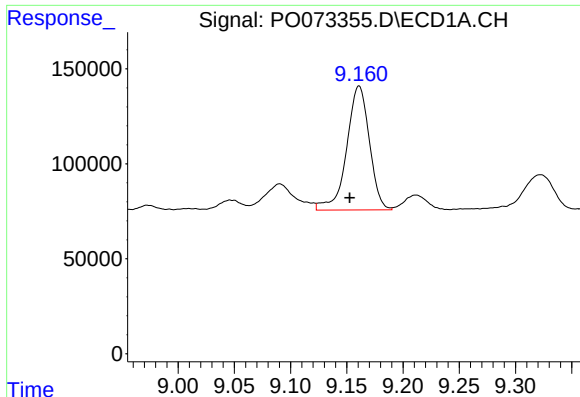
#36 AR-1262-1

R.T.: 8.601 min
Delta R.T.: 0.007 min
Response: 621773
Conc: 125.76 ng/ml



#36 AR-1262-1

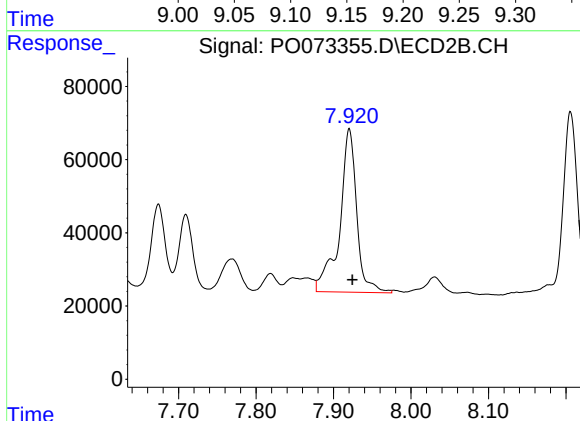
R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 900622
Conc: 561.37 ng/ml



#37 AR-1262-2

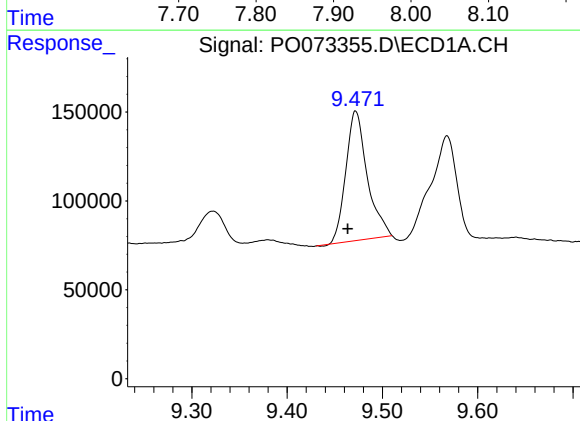
R.T.: 9.161 min
Delta R.T.: 0.008 min
Response: 917865
Conc: 111.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



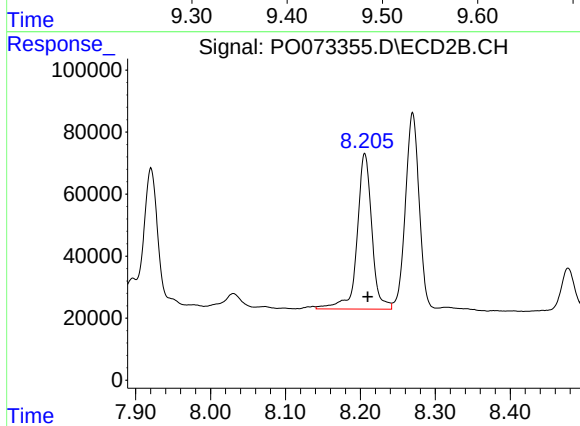
#37 AR-1262-2

R.T.: 7.920 min
Delta R.T.: -0.004 min
Response: 684653
Conc: 130.40 ng/ml



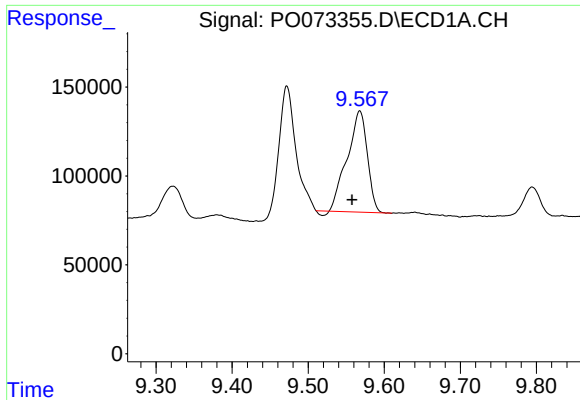
#38 AR-1262-3

R.T.: 9.472 min
Delta R.T.: 0.009 min
Response: 1145251
Conc: 221.95 ng/ml



#38 AR-1262-3

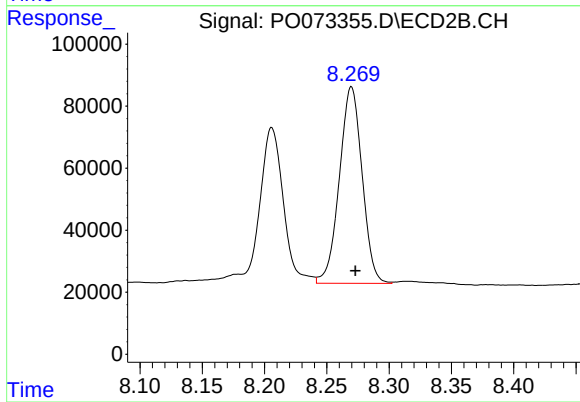
R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 687786
Conc: 328.73 ng/ml



#39 AR-1262-4

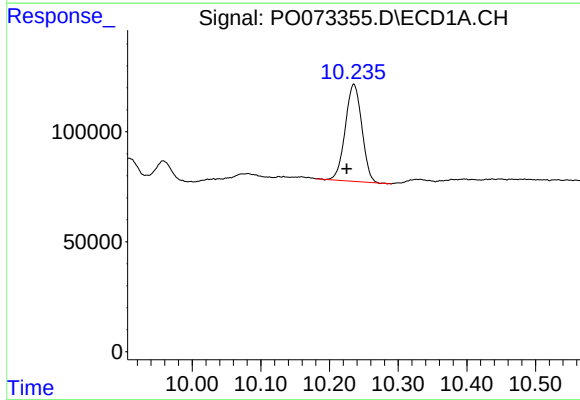
R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 1034486
Conc: 261.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



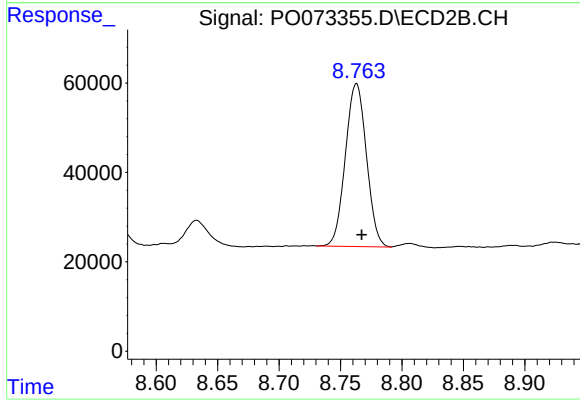
#39 AR-1262-4

R.T.: 8.270 min
Delta R.T.: -0.003 min
Response: 806384
Conc: 212.66 ng/ml



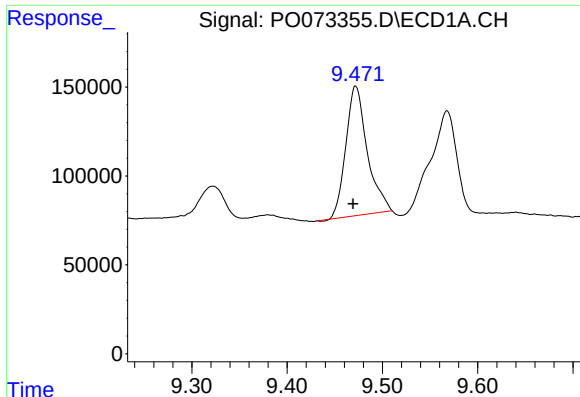
#40 AR-1262-5

R.T.: 10.235 min
Delta R.T.: 0.010 min
Response: 739629
Conc: 270.18 ng/ml



#40 AR-1262-5

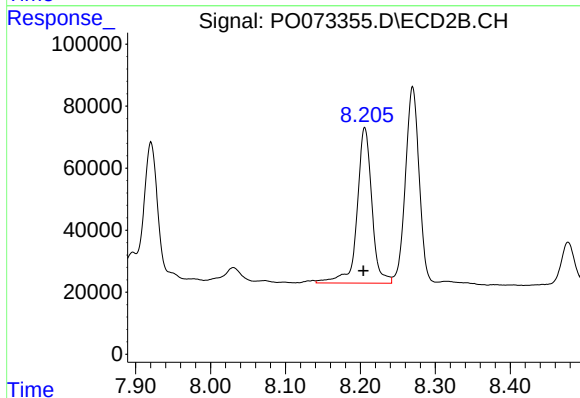
R.T.: 8.763 min
Delta R.T.: -0.004 min
Response: 435054
Conc: 252.87 ng/ml



#41 AR-1268-1

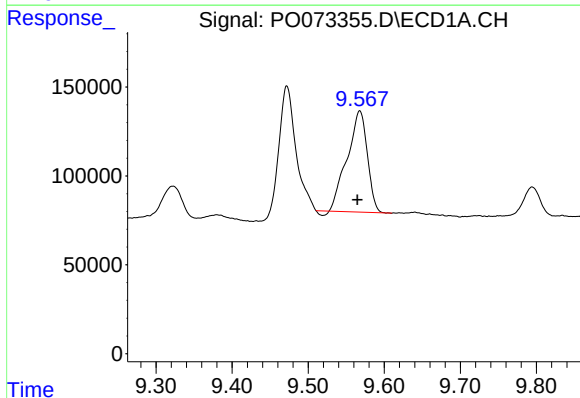
R.T.: 9.472 min
Delta R.T.: 0.003 min
Response: 1145251
Conc: 109.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



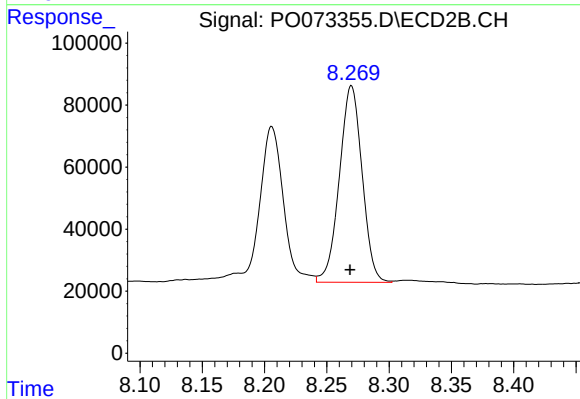
#41 AR-1268-1

R.T.: 8.206 min
Delta R.T.: 0.002 min
Response: 687786
Conc: 115.41 ng/ml



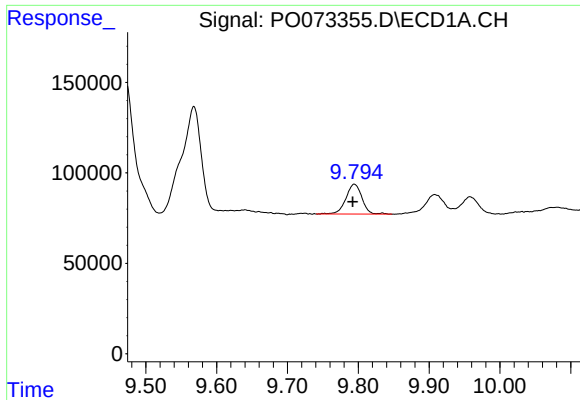
#42 AR-1268-2

R.T.: 9.568 min
Delta R.T.: 0.003 min
Response: 1034486
Conc: 113.14 ng/ml



#42 AR-1268-2

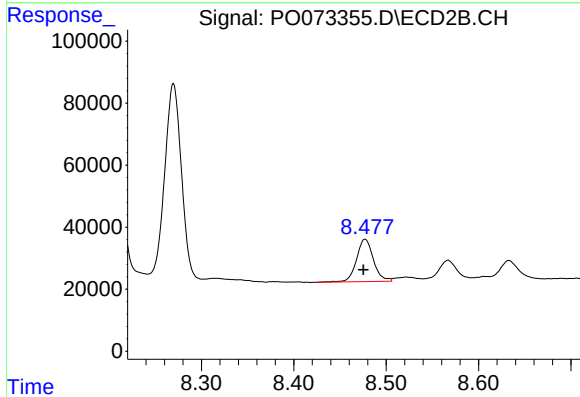
R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 806384
Conc: 153.38 ng/ml



#43 AR-1268-3

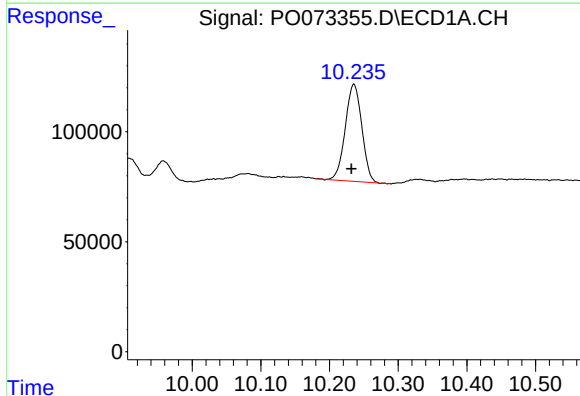
R.T.: 9.794 min
Delta R.T.: 0.002 min
Response: 259176
Conc: 31.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



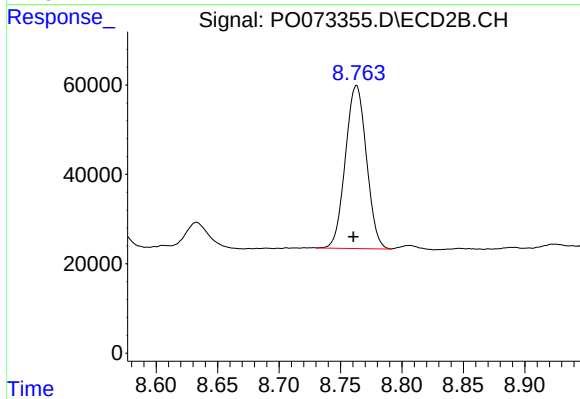
#43 AR-1268-3

R.T.: 8.477 min
Delta R.T.: 0.002 min
Response: 175033
Conc: 38.44 ng/ml



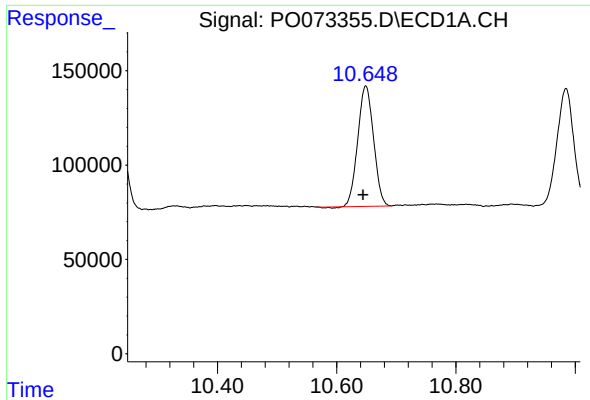
#44 AR-1268-4

R.T.: 10.235 min
Delta R.T.: 0.004 min
Response: 739629
Conc: 235.37 ng/ml



#44 AR-1268-4

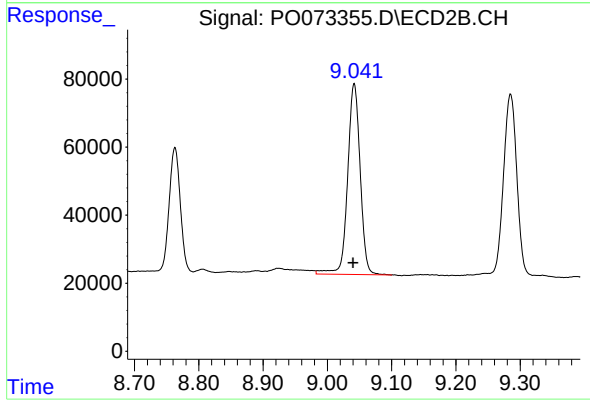
R.T.: 8.763 min
Delta R.T.: 0.002 min
Response: 435054
Conc: 235.66 ng/ml



#45 AR-1268-5

R.T.: 10.649 min
Delta R.T.: 0.004 min
Response: 1170926
Conc: 47.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-4-0002



#45 AR-1268-5

R.T.: 9.042 min
Delta R.T.: 0.002 min
Response: 759439
Conc: 52.87 ng/ml