

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO111920\
 Data File : PO073351.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Nov 2020 14:19
 Operator : DD\AJ
 Sample : L4791-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 EMS-3-0002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:22:36 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...	4.947	4.016	1644273	1049657	26.131	29.240
2)	SA Decachlor...	10.980	9.287	1420273	857852	26.535	24.553
Target Compounds							
3)	L1 AR-1016-1	6.272	5.267	73616	27113	28.108	17.630 #
4)	L1 AR-1016-2	6.294	5.286	106211	57059	30.358	27.187
5)	L1 AR-1016-3	6.359	5.474	72833	38400	34.892	38.595
6)	L1 AR-1016-4	0.000	5.527	0	53094	N.D.	58.646 #
7)	L1 AR-1016-5	0.000	5.754	0	62946	N.D.	55.032 #
8)	L2 AR-1221-1	0.000	4.278	0	2372	N.D.	5.486 #
9)	L2 AR-1221-2	5.300	4.365	37965	26168	70.487	80.143
10)	L2 AR-1221-3	5.375	4.459	170074	9810	101.600	9.936 #
11)	L3 AR-1232-1	5.375	4.459	170074	9810	118.554	11.413 #
12)	L3 AR-1232-2	0.000	5.286	0	57059	N.D.	61.206 #
13)	L3 AR-1232-3	6.294	5.474	106211	38400	68.638	85.001
14)	L3 AR-1232-4	0.000	5.572	0	56431	N.D.	128.092 #
15)	L3 AR-1232-5	6.567	5.754	76030	62946	145.244	126.713
16)	L4 AR-1242-1	6.272	5.267	73616	27113	34.585	21.928 #
17)	L4 AR-1242-2	6.294	5.286	106211	57059	37.549	34.210
18)	L4 AR-1242-3	6.359	5.474	72833	38400	43.326	46.529
19)	L4 AR-1242-4	0.000	5.572	0	56431	N.D.	63.796 #
20)	L4 AR-1242-5	7.255	6.132	130489	108600	81.498	93.087
21)	L5 AR-1248-1	6.272	5.267	73616	27113	49.093	28.793 #
22)	L5 AR-1248-2	6.567	5.527	76030	53094	38.322	41.926
23)	L5 AR-1248-3	0.000	5.572	0	56431	N.D.	42.907 #
24)	L5 AR-1248-4	7.214	5.754	122584	62946	41.236	39.763
25)	L5 AR-1248-5	7.255	6.175	130489	83640	46.722	50.438
26)	L6 AR-1254-1	7.185	6.132	105223	108600	35.731	44.162
27)	L6 AR-1254-2	7.418	6.290	197194	47788	41.396	21.857 #
28)	L6 AR-1254-3	7.801	6.709	171025	95615	35.769	26.190 #
29)	L6 AR-1254-4	8.094	6.946	111223	51247	26.056	21.430
30)	L6 AR-1254-5	8.523	7.373	149732	88946	37.509	26.836 #
31)	L7 AR-1260-1	7.965	6.844	71464	86171	23.896	38.019 #
32)	L7 AR-1260-2	8.231	7.041	332859	74174	77.689	27.551 #
33)	L7 AR-1260-3	8.598	7.196	268893	74528	83.066	30.263 #
34)	L7 AR-1260-4	8.834	7.675	186685	119580	59.838	58.674
35)	L7 AR-1260-5	9.156	7.921	416605	236511	57.974	49.968
36)	L8 AR-1262-1	8.598	7.373	268893	88946	54.385	55.441
37)	L8 AR-1262-2	9.156	7.921	416605	236511	50.713	45.047
38)	L8 AR-1262-3	9.469	8.206	503046	249010	97.490	119.016
39)	L8 AR-1262-4	9.563	8.271	462839	302927	116.990	79.889 #
40)	L8 AR-1262-5	10.230	8.764	234397	152966	85.622	88.909
41)	L9 AR-1268-1	9.469	8.206	503046	249010	47.985	41.783

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 Acq On : 19 Nov 2020 14:19
 Operator : DD\AJ
 Sample : L4791-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

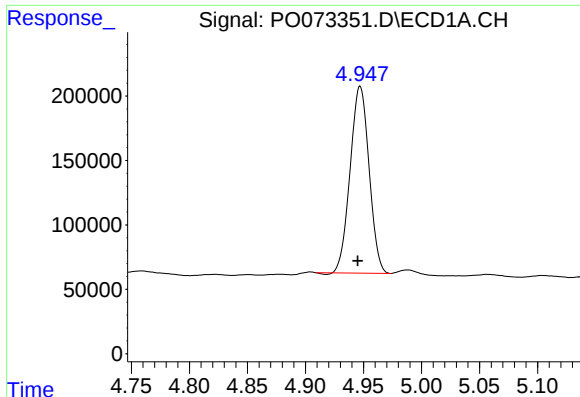
Instrument :
 ECD_O
 ClientSampleId :
 EMS-3-0002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 03:22:36 2020
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 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	9.563	8.271	462839	302927	50.618	57.619
43)	L9 AR-1268-3	9.791	8.478	146716	64200	17.713	14.099
44)	L9 AR-1268-4	10.230	8.764	234397	152966	74.593	82.859
45)	L9 AR-1268-5	10.645	9.044	404516	237309	16.362	16.521

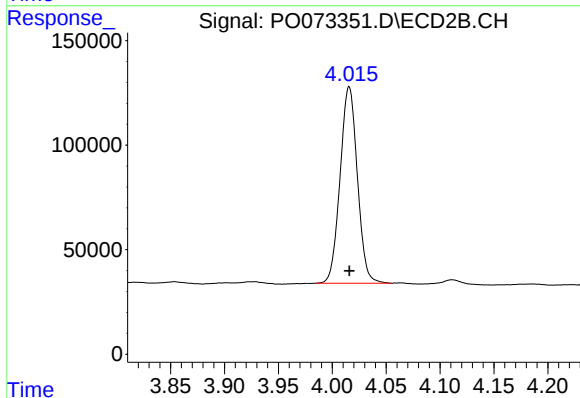
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

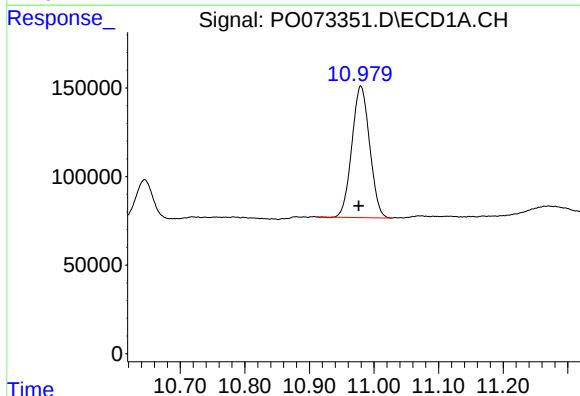
R.T.: 4.947 min
Delta R.T.: 0.002 min
Response: 1644273
Conc: 26.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



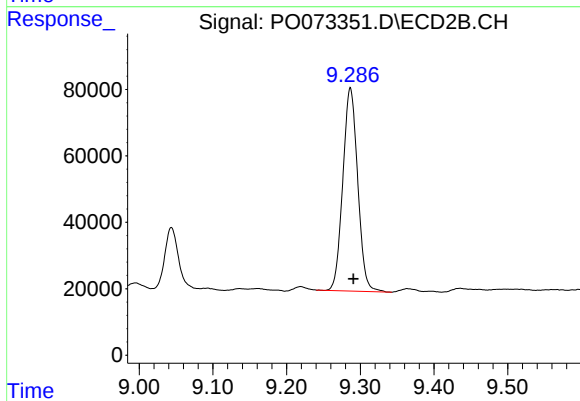
#1 Tetrachloro-m-xylene

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 1049657
Conc: 29.24 ng/ml



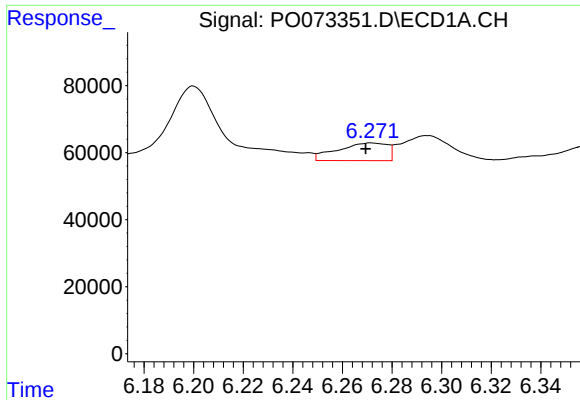
#2 Decachlorobiphenyl

R.T.: 10.980 min
Delta R.T.: 0.003 min
Response: 1420273
Conc: 26.54 ng/ml



#2 Decachlorobiphenyl

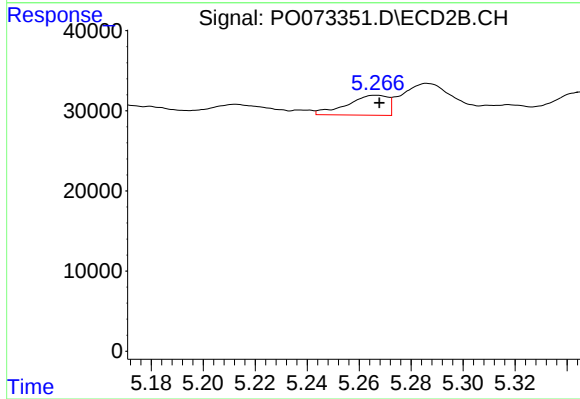
R.T.: 9.287 min
Delta R.T.: -0.004 min
Response: 857852
Conc: 24.55 ng/ml



#3 AR-1016-1

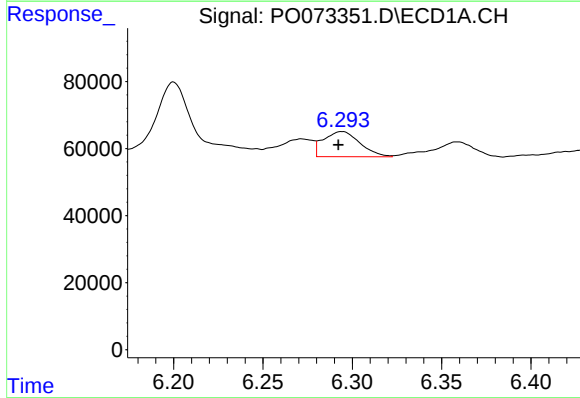
R.T.: 6.272 min
Delta R.T.: 0.002 min
Response: 73616
Conc: 28.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



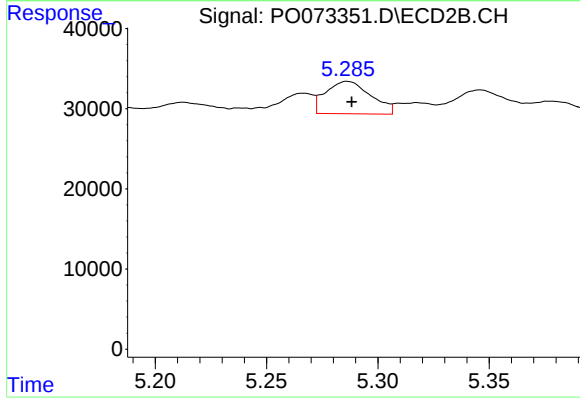
#3 AR-1016-1

R.T.: 5.267 min
Delta R.T.: -0.001 min
Response: 27113
Conc: 17.63 ng/ml



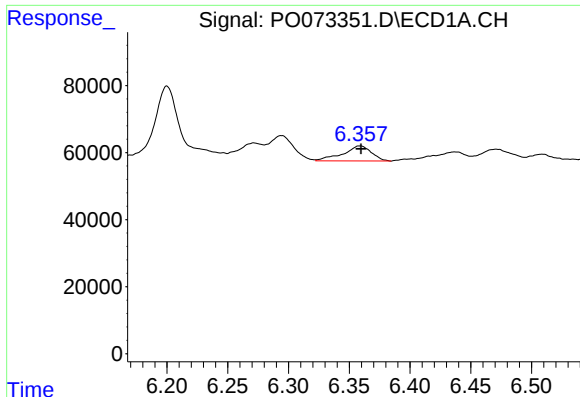
#4 AR-1016-2

R.T.: 6.294 min
Delta R.T.: 0.002 min
Response: 106211
Conc: 30.36 ng/ml



#4 AR-1016-2

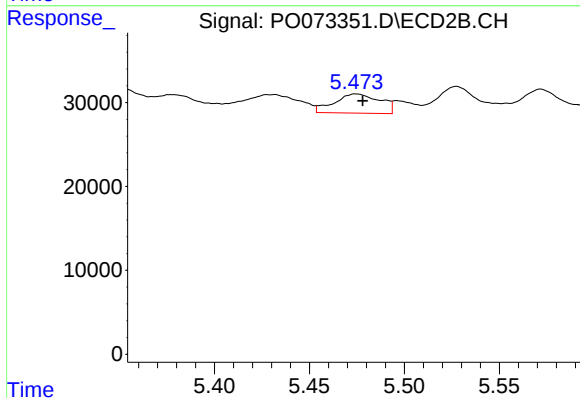
R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 57059
Conc: 27.19 ng/ml



#5 AR-1016-3

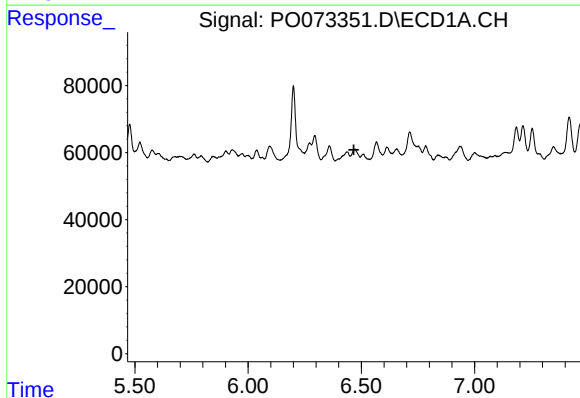
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 72833
Conc: 34.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



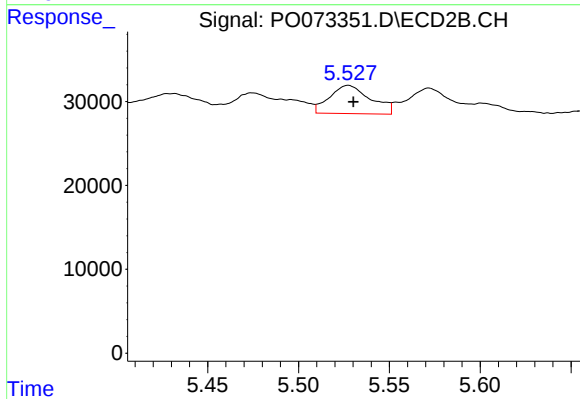
#5 AR-1016-3

R.T.: 5.474 min
Delta R.T.: -0.004 min
Response: 38400
Conc: 38.59 ng/ml



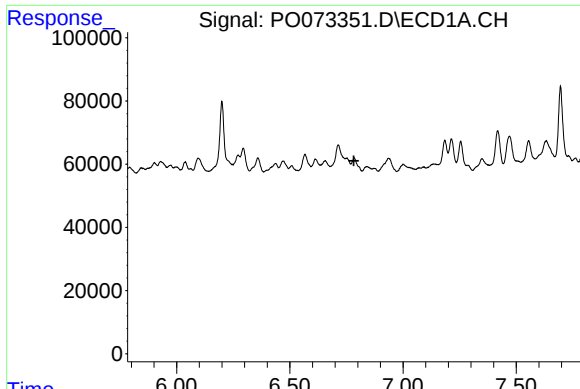
#6 AR-1016-4

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



#6 AR-1016-4

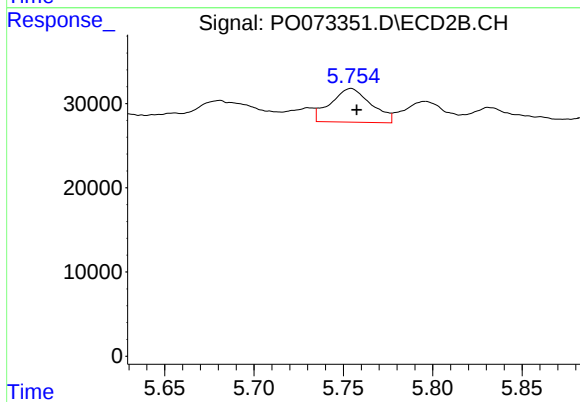
R.T.: 5.527 min
Delta R.T.: -0.003 min
Response: 53094
Conc: 58.65 ng/ml



#7 AR-1016-5

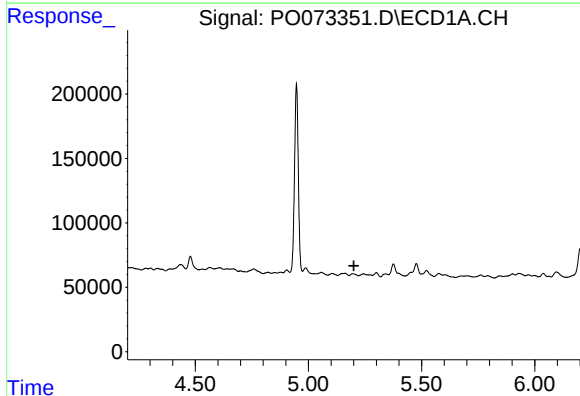
R.T.: 0.000 min
Exp R.T.: 6.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



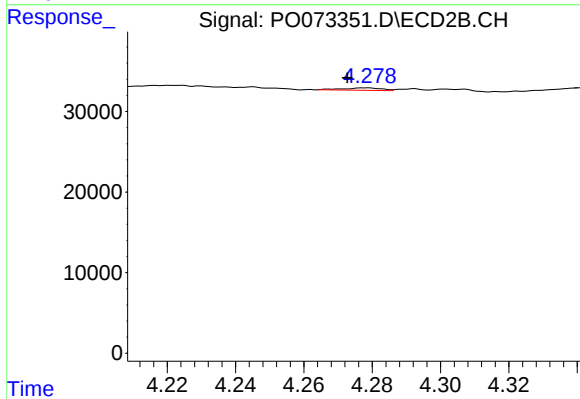
#7 AR-1016-5

R.T.: 5.754 min
Delta R.T.: -0.003 min
Response: 62946
Conc: 55.03 ng/ml



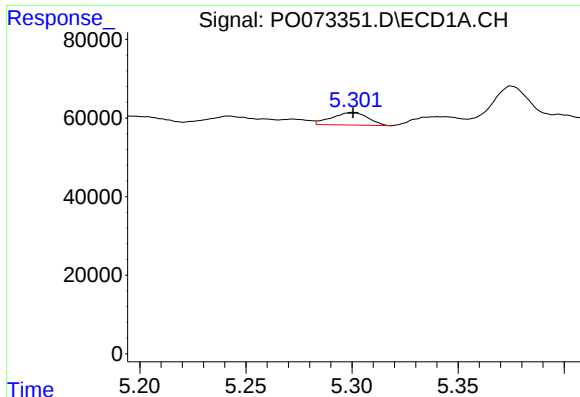
#8 AR-1221-1

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



#8 AR-1221-1

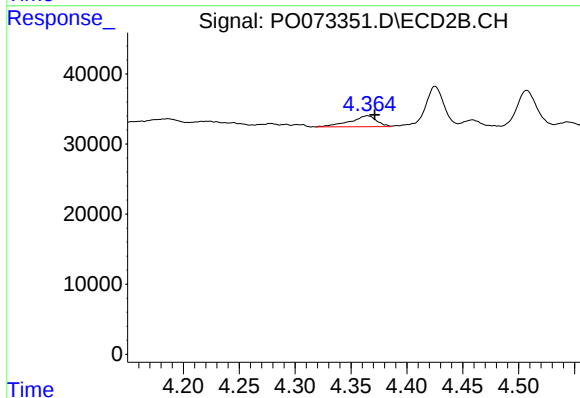
R.T.: 4.278 min
Delta R.T.: 0.006 min
Response: 2372
Conc: 5.49 ng/ml



#9 AR-1221-2

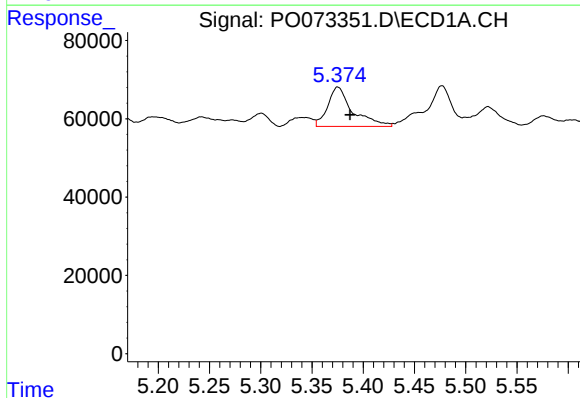
R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 37965
Conc: 70.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



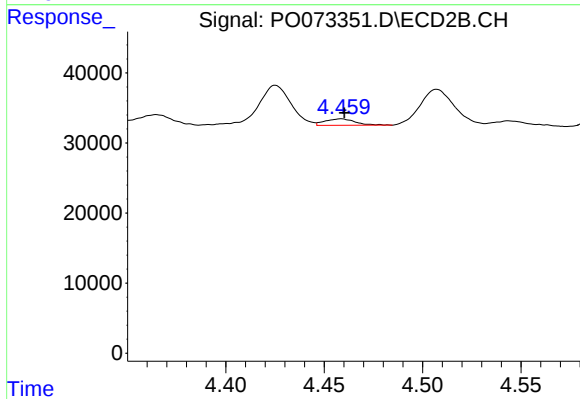
#9 AR-1221-2

R.T.: 4.365 min
Delta R.T.: -0.007 min
Response: 26168
Conc: 80.14 ng/ml



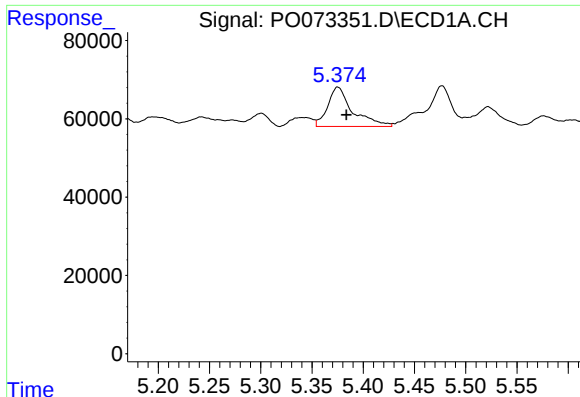
#10 AR-1221-3

R.T.: 5.375 min
Delta R.T.: -0.012 min
Response: 170074
Conc: 101.60 ng/ml



#10 AR-1221-3

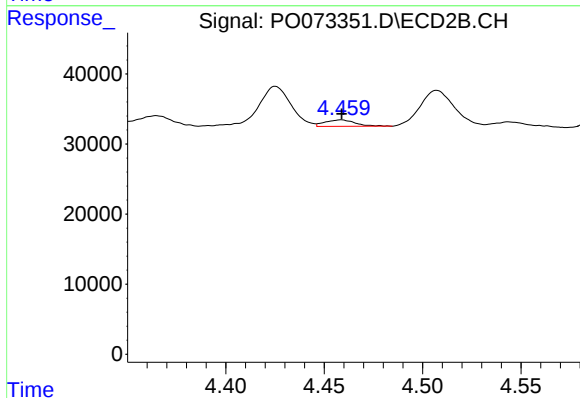
R.T.: 4.459 min
Delta R.T.: -0.001 min
Response: 9810
Conc: 9.94 ng/ml



#11 AR-1232-1

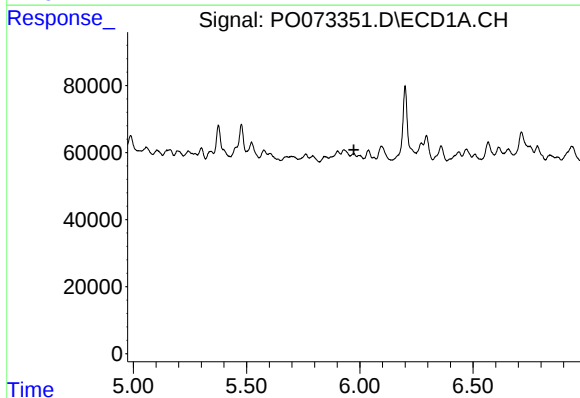
R.T.: 5.375 min
Delta R.T.: -0.008 min
Response: 170074
Conc: 118.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



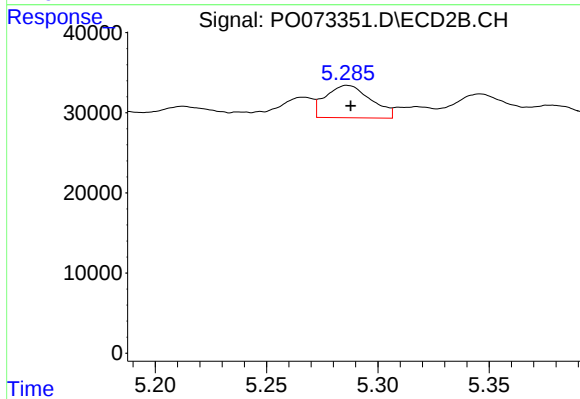
#11 AR-1232-1

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 9810
Conc: 11.41 ng/ml



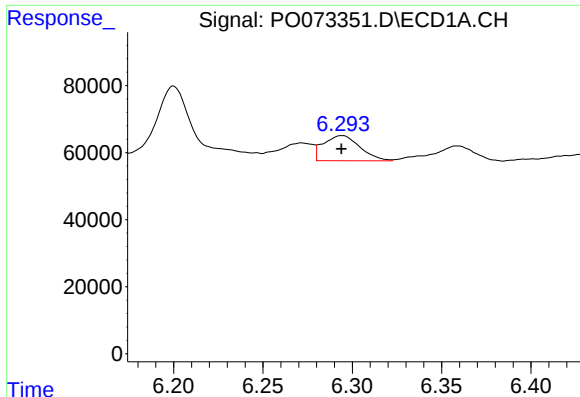
#12 AR-1232-2

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



#12 AR-1232-2

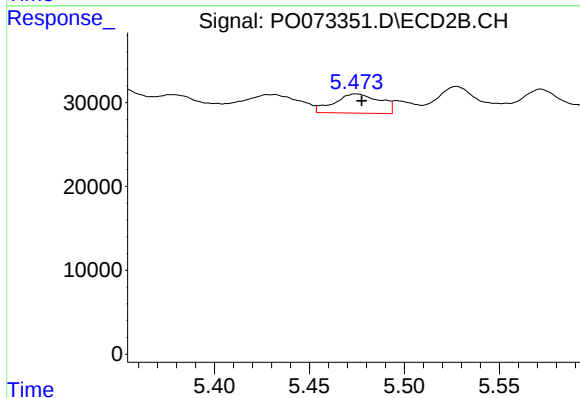
R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 57059
Conc: 61.21 ng/ml



#13 AR-1232-3

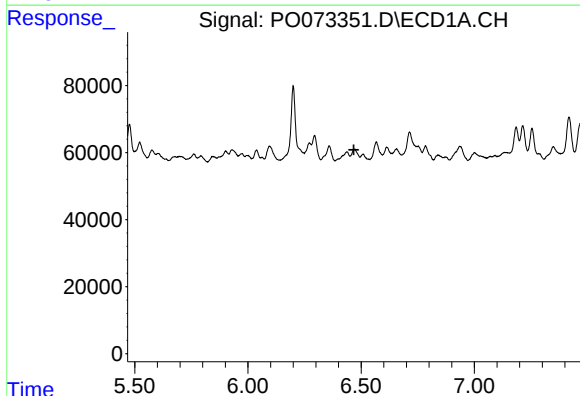
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 106211
Conc: 68.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



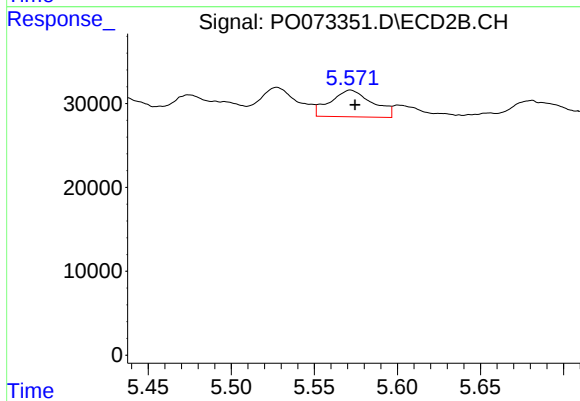
#13 AR-1232-3

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 38400
Conc: 85.00 ng/ml



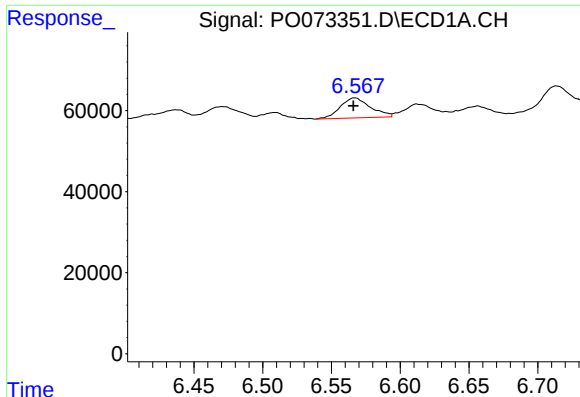
#14 AR-1232-4

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



#14 AR-1232-4

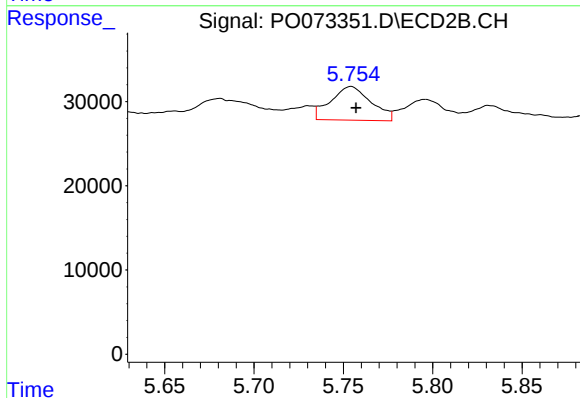
R.T.: 5.572 min
Delta R.T.: -0.003 min
Response: 56431
Conc: 128.09 ng/ml



#15 AR-1232-5

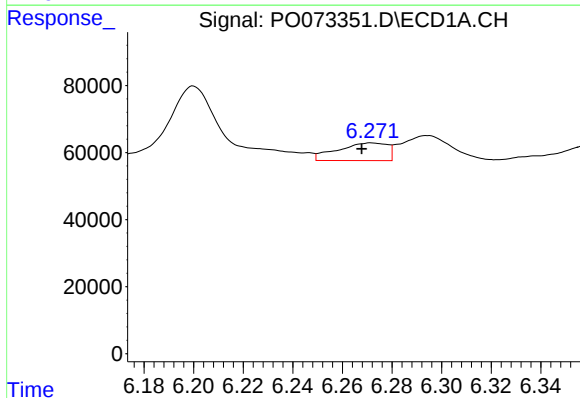
R.T.: 6.567 min
Delta R.T.: 0.001 min
Response: 76030
Conc: 145.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



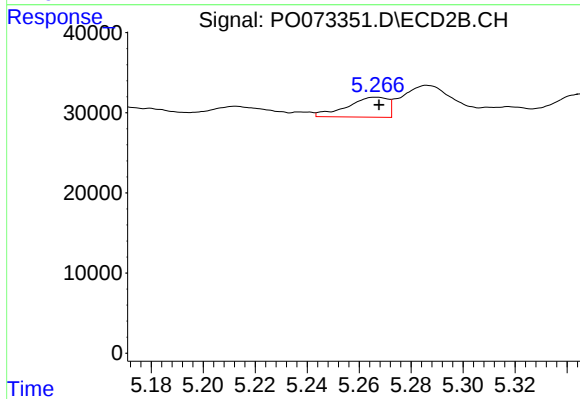
#15 AR-1232-5

R.T.: 5.754 min
Delta R.T.: -0.003 min
Response: 62946
Conc: 126.71 ng/ml



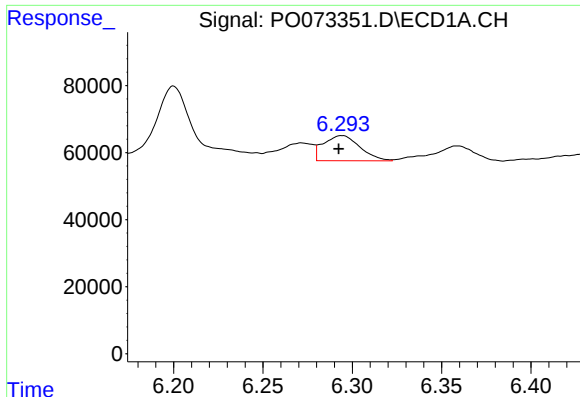
#16 AR-1242-1

R.T.: 6.272 min
Delta R.T.: 0.004 min
Response: 73616
Conc: 34.58 ng/ml



#16 AR-1242-1

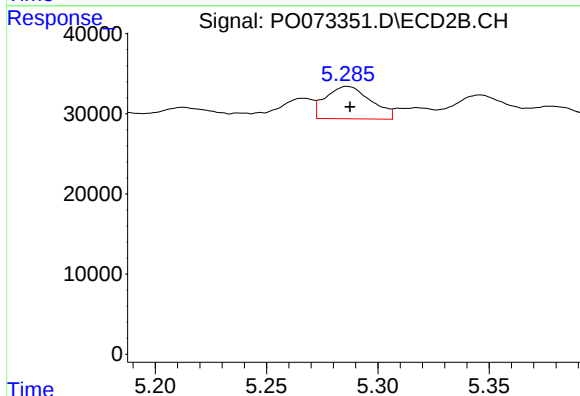
R.T.: 5.267 min
Delta R.T.: -0.001 min
Response: 27113
Conc: 21.93 ng/ml



#17 AR-1242-2

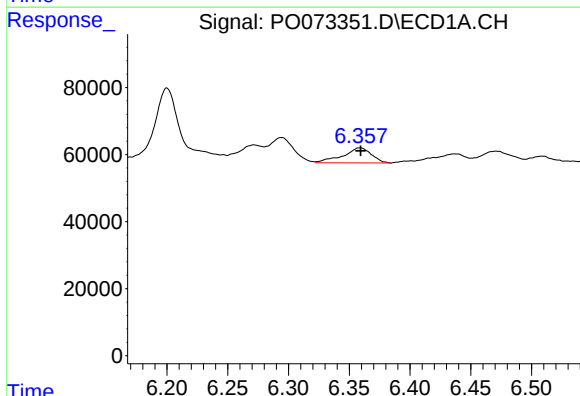
R.T.: 6.294 min
Delta R.T.: 0.002 min
Response: 106211
Conc: 37.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



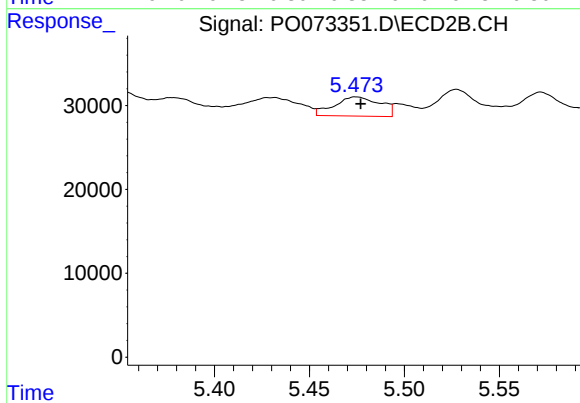
#17 AR-1242-2

R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 57059
Conc: 34.21 ng/ml



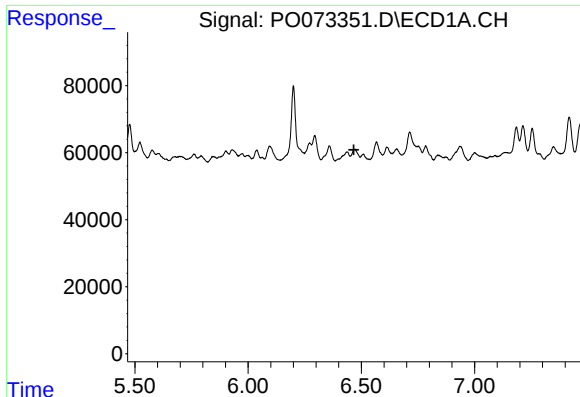
#18 AR-1242-3

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 72833
Conc: 43.33 ng/ml



#18 AR-1242-3

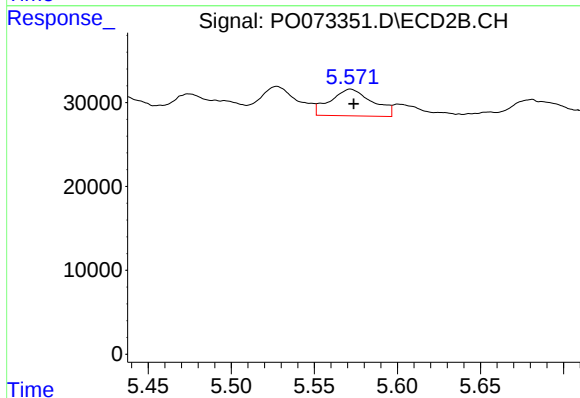
R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 38400
Conc: 46.53 ng/ml



#19 AR-1242-4

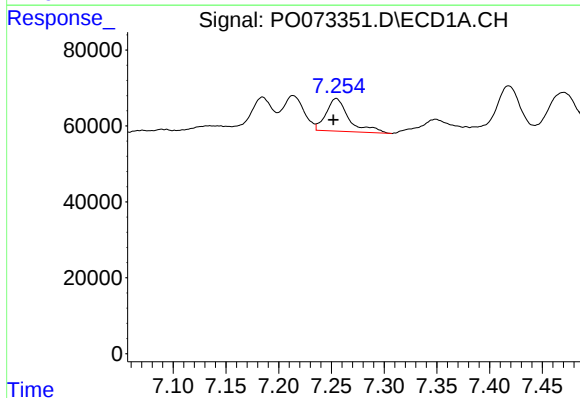
R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



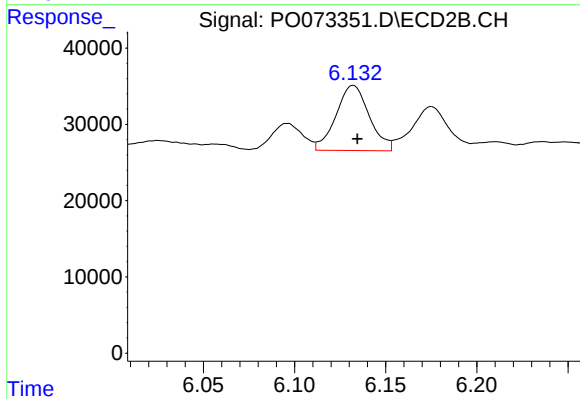
#19 AR-1242-4

R.T.: 5.572 min
Delta R.T.: -0.002 min
Response: 56431
Conc: 63.80 ng/ml



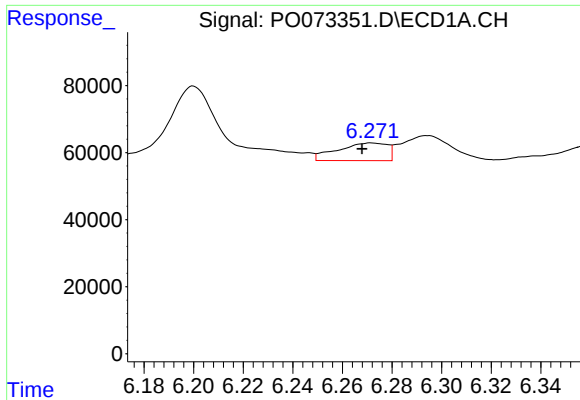
#20 AR-1242-5

R.T.: 7.255 min
Delta R.T.: 0.003 min
Response: 130489
Conc: 81.50 ng/ml



#20 AR-1242-5

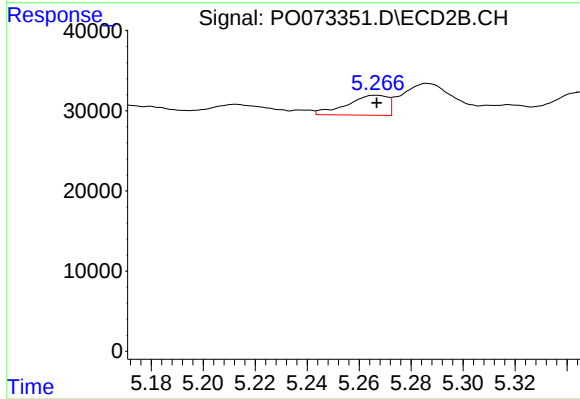
R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 108600
Conc: 93.09 ng/ml



#21 AR-1248-1

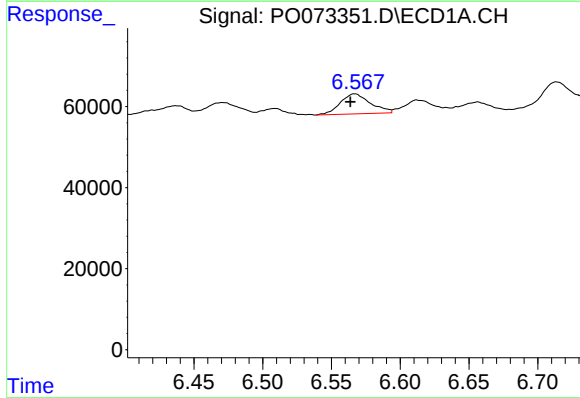
R.T.: 6.272 min
Delta R.T.: 0.004 min
Response: 73616
Conc: 49.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



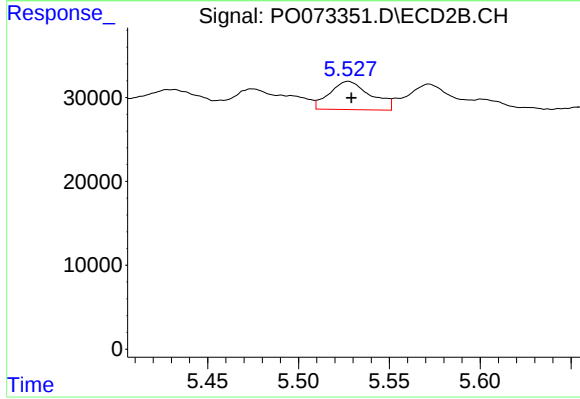
#21 AR-1248-1

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 27113
Conc: 28.79 ng/ml



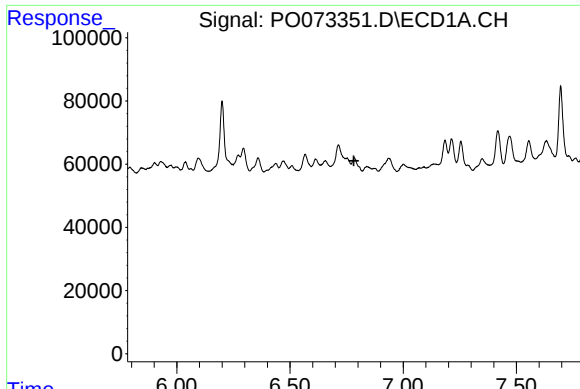
#22 AR-1248-2

R.T.: 6.567 min
Delta R.T.: 0.003 min
Response: 76030
Conc: 38.32 ng/ml



#22 AR-1248-2

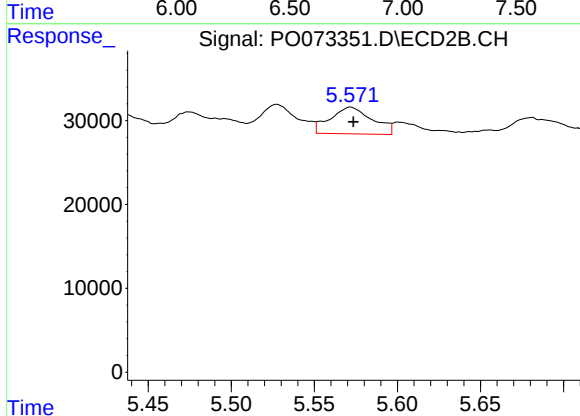
R.T.: 5.527 min
Delta R.T.: -0.002 min
Response: 53094
Conc: 41.93 ng/ml



#23 AR-1248-3

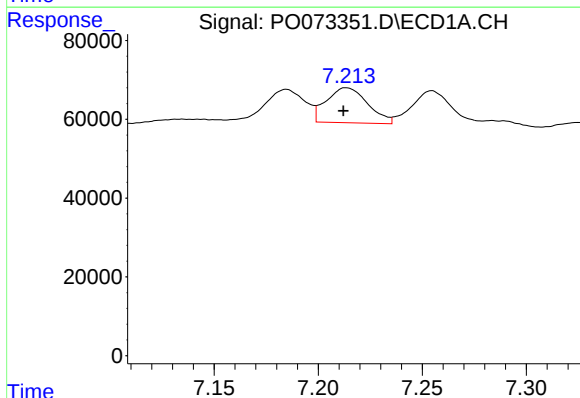
R.T.: 0.000 min
Exp R.T.: 6.782 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



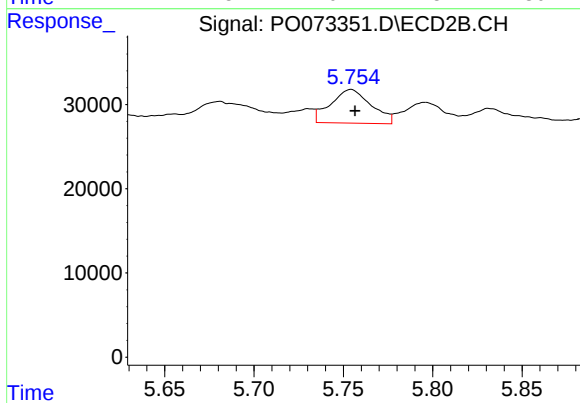
#23 AR-1248-3

R.T.: 5.572 min
Delta R.T.: -0.002 min
Response: 56431
Conc: 42.91 ng/ml



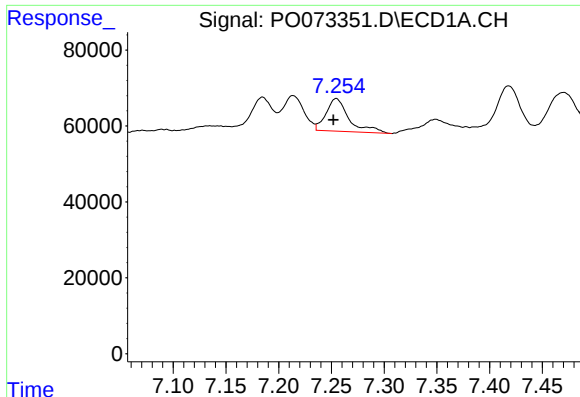
#24 AR-1248-4

R.T.: 7.214 min
Delta R.T.: 0.002 min
Response: 122584
Conc: 41.24 ng/ml



#24 AR-1248-4

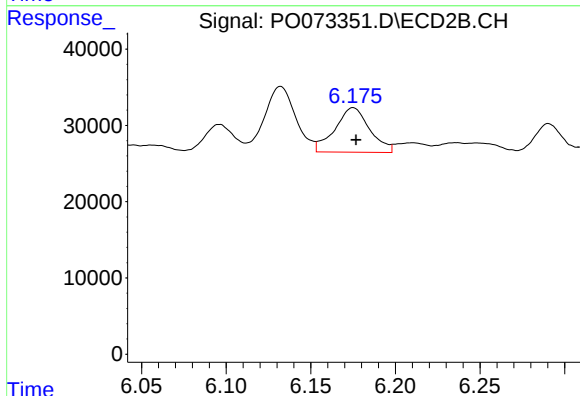
R.T.: 5.754 min
Delta R.T.: -0.002 min
Response: 62946
Conc: 39.76 ng/ml



#25 AR-1248-5

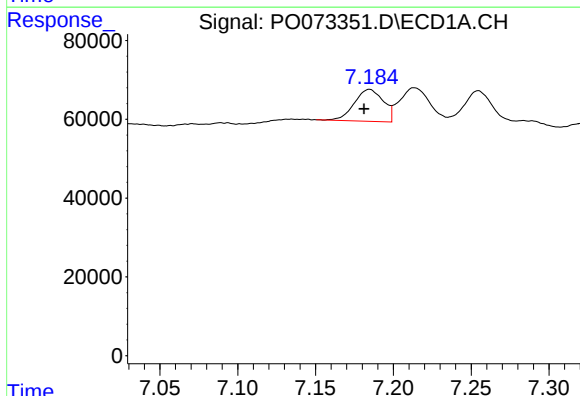
R.T.: 7.255 min
Delta R.T.: 0.003 min
Response: 130489
Conc: 46.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



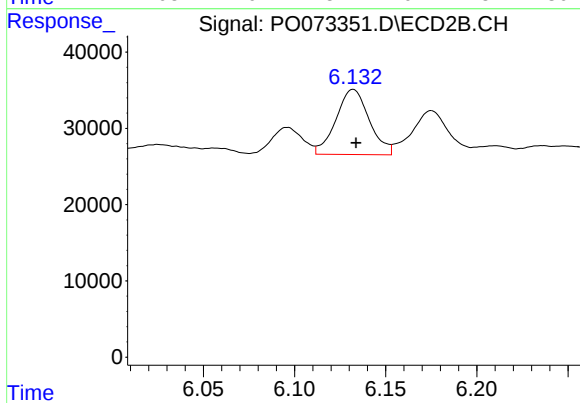
#25 AR-1248-5

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 83640
Conc: 50.44 ng/ml



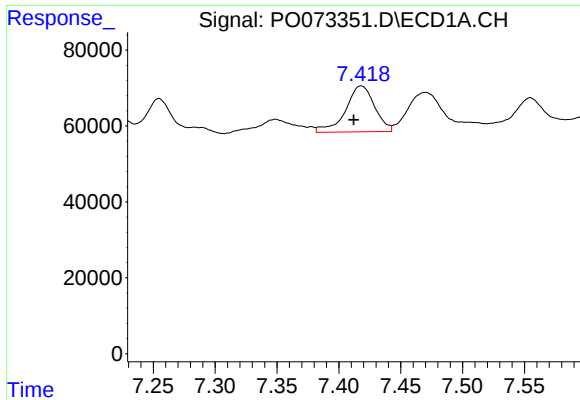
#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: 0.004 min
Response: 105223
Conc: 35.73 ng/ml



#26 AR-1254-1

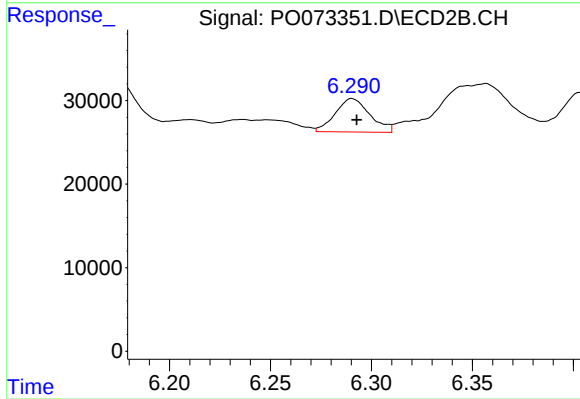
R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 108600
Conc: 44.16 ng/ml



#27 AR-1254-2

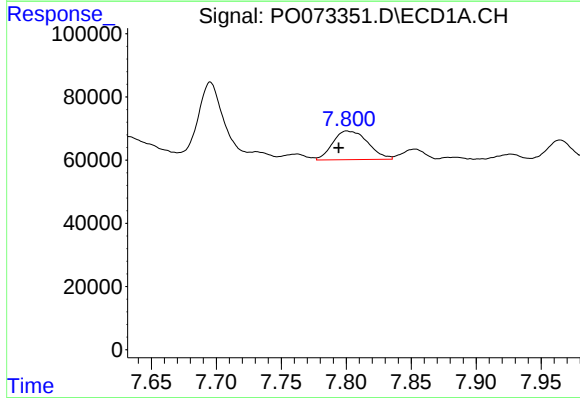
R.T.: 7.418 min
Delta R.T.: 0.006 min
Response: 197194
Conc: 41.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



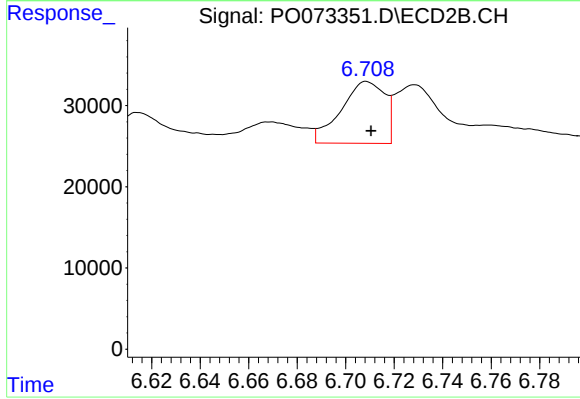
#27 AR-1254-2

R.T.: 6.290 min
Delta R.T.: -0.002 min
Response: 47788
Conc: 21.86 ng/ml



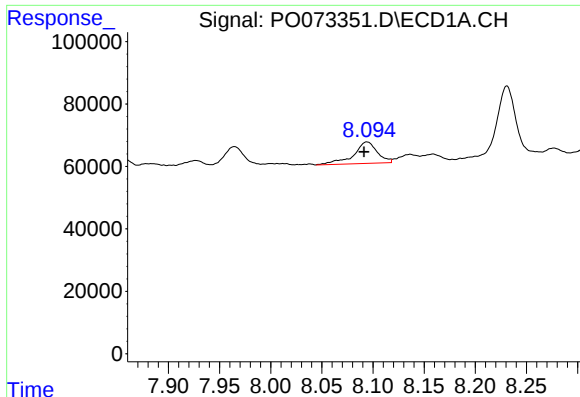
#28 AR-1254-3

R.T.: 7.801 min
Delta R.T.: 0.006 min
Response: 171025
Conc: 35.77 ng/ml



#28 AR-1254-3

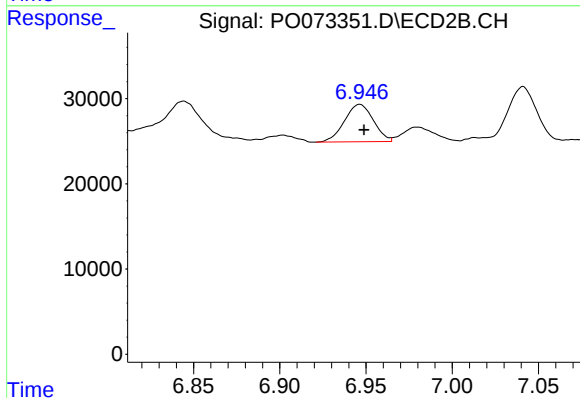
R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 95615
Conc: 26.19 ng/ml



#29 AR-1254-4

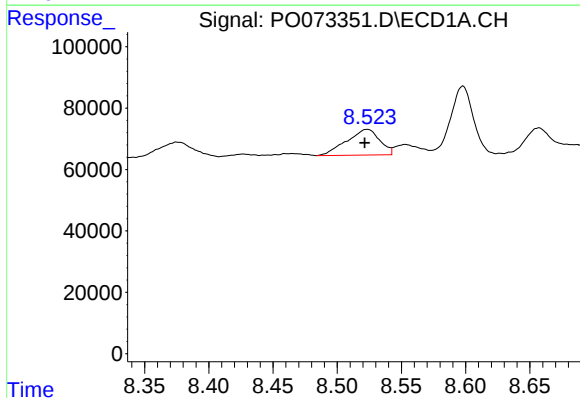
R.T.: 8.094 min
Delta R.T.: 0.003 min
Response: 111223
Conc: 26.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



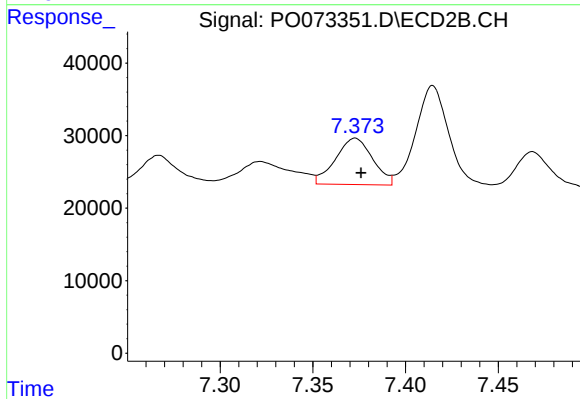
#29 AR-1254-4

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 51247
Conc: 21.43 ng/ml



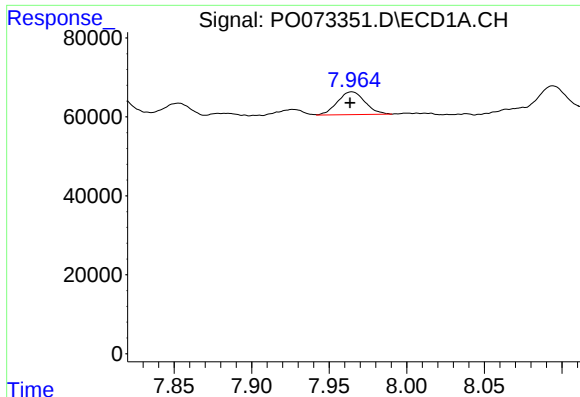
#30 AR-1254-5

R.T.: 8.523 min
Delta R.T.: 0.002 min
Response: 149732
Conc: 37.51 ng/ml



#30 AR-1254-5

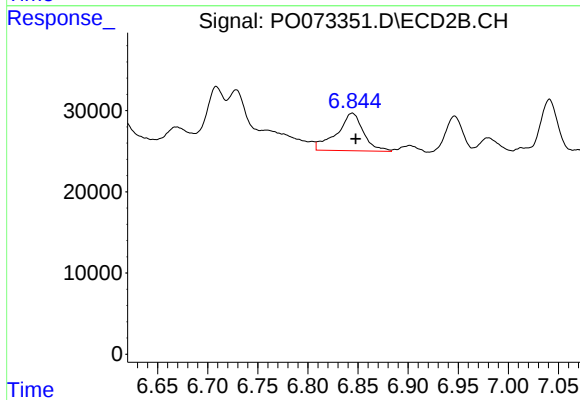
R.T.: 7.373 min
Delta R.T.: -0.003 min
Response: 88946
Conc: 26.84 ng/ml



#31 AR-1260-1

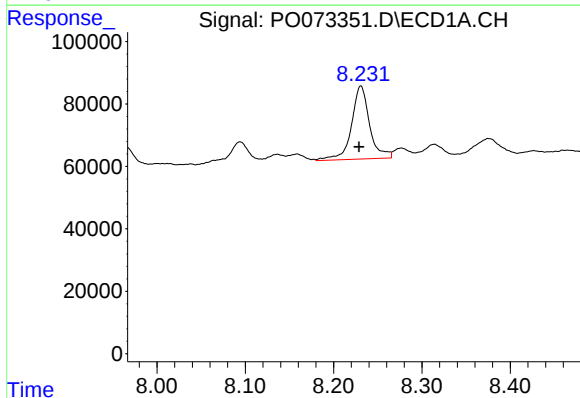
R.T.: 7.965 min
Delta R.T.: 0.001 min
Response: 71464
Conc: 23.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



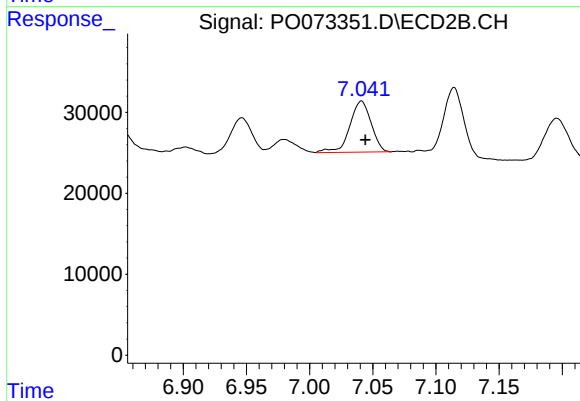
#31 AR-1260-1

R.T.: 6.844 min
Delta R.T.: -0.003 min
Response: 86171
Conc: 38.02 ng/ml



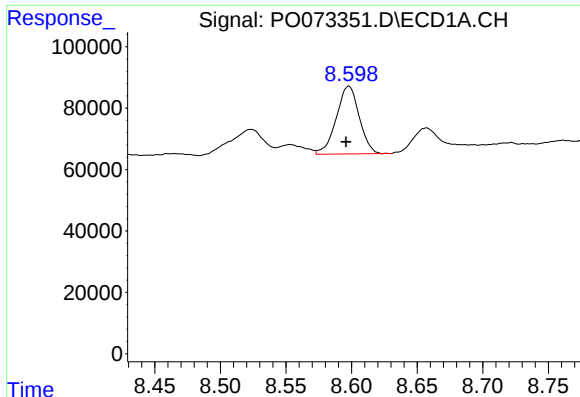
#32 AR-1260-2

R.T.: 8.231 min
Delta R.T.: 0.002 min
Response: 332859
Conc: 77.69 ng/ml



#32 AR-1260-2

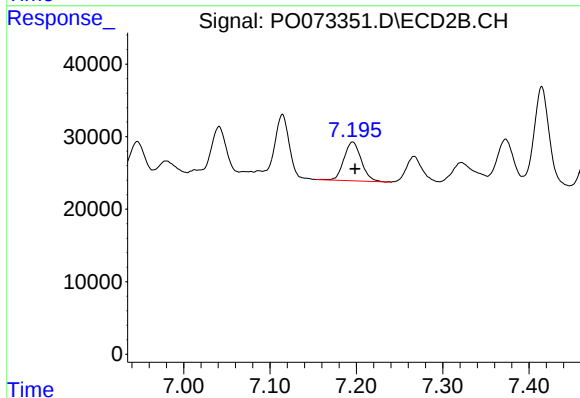
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 74174
Conc: 27.55 ng/ml



#33 AR-1260-3

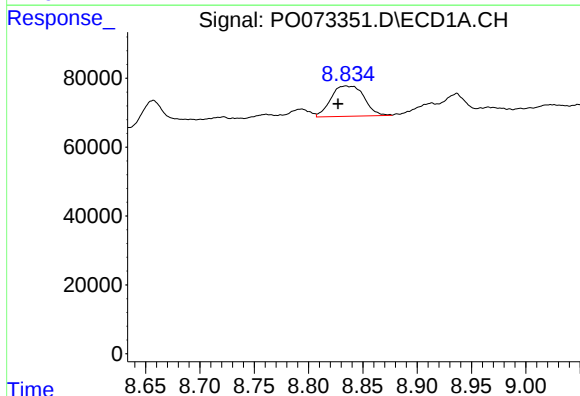
R.T.: 8.598 min
Delta R.T.: 0.002 min
Response: 268893
Conc: 83.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



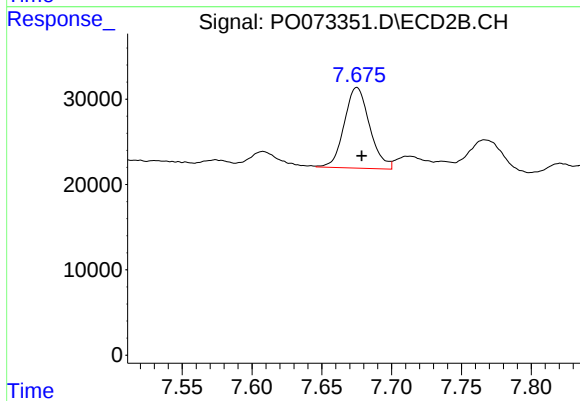
#33 AR-1260-3

R.T.: 7.196 min
Delta R.T.: -0.003 min
Response: 74528
Conc: 30.26 ng/ml



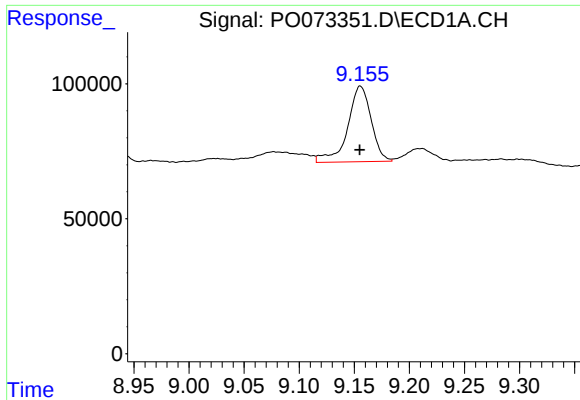
#34 AR-1260-4

R.T.: 8.834 min
Delta R.T.: 0.007 min
Response: 186685
Conc: 59.84 ng/ml



#34 AR-1260-4

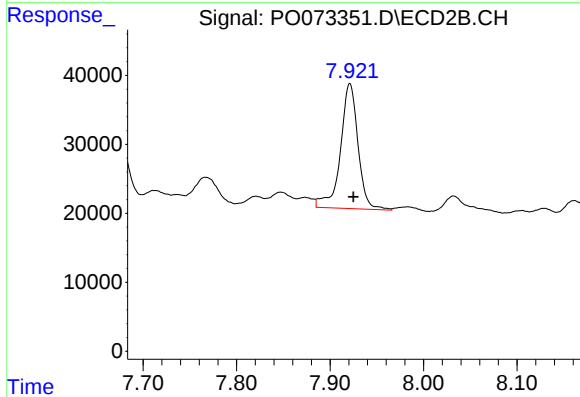
R.T.: 7.675 min
Delta R.T.: -0.003 min
Response: 119580
Conc: 58.67 ng/ml



#35 AR-1260-5

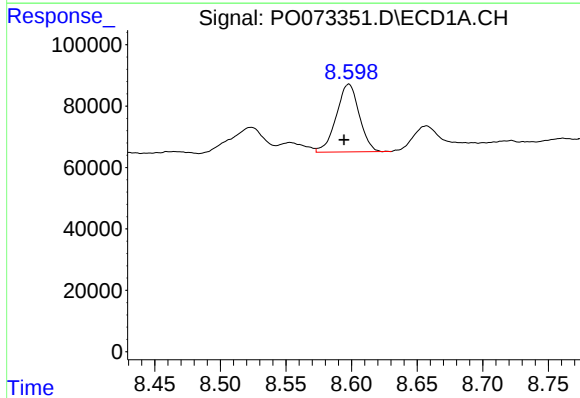
R.T.: 9.156 min
Delta R.T.: 0.000 min
Response: 416605
Conc: 57.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



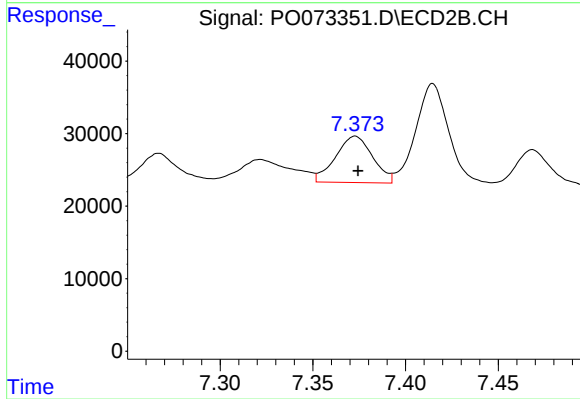
#35 AR-1260-5

R.T.: 7.921 min
Delta R.T.: -0.004 min
Response: 236511
Conc: 49.97 ng/ml



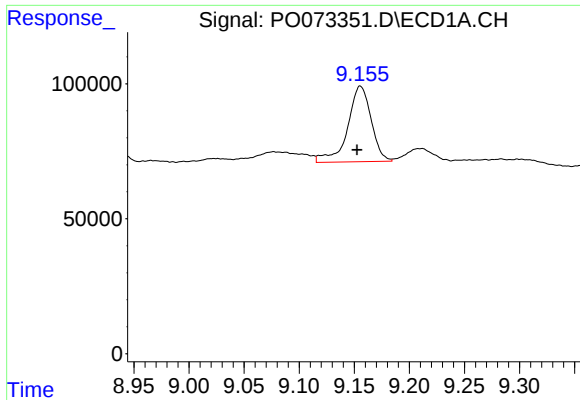
#36 AR-1262-1

R.T.: 8.598 min
Delta R.T.: 0.004 min
Response: 268893
Conc: 54.39 ng/ml



#36 AR-1262-1

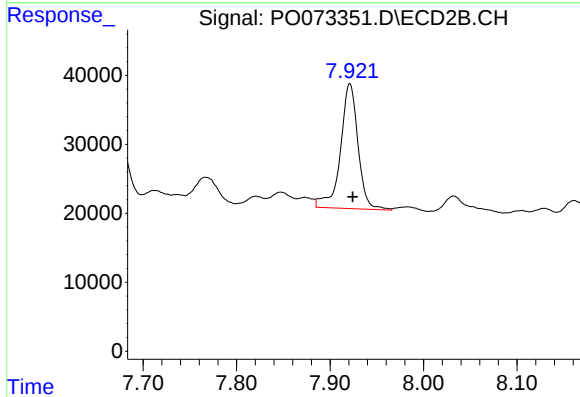
R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 88946
Conc: 55.44 ng/ml



#37 AR-1262-2

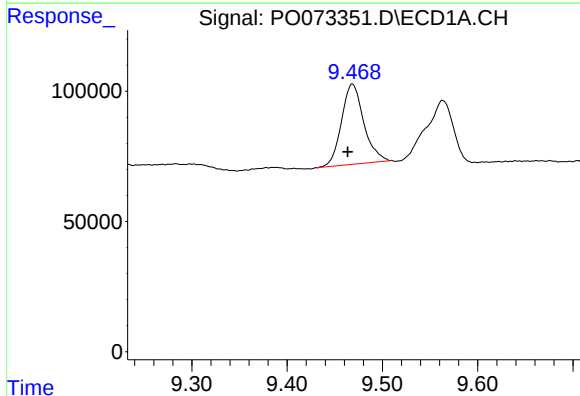
R.T.: 9.156 min
Delta R.T.: 0.003 min
Response: 416605
Conc: 50.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



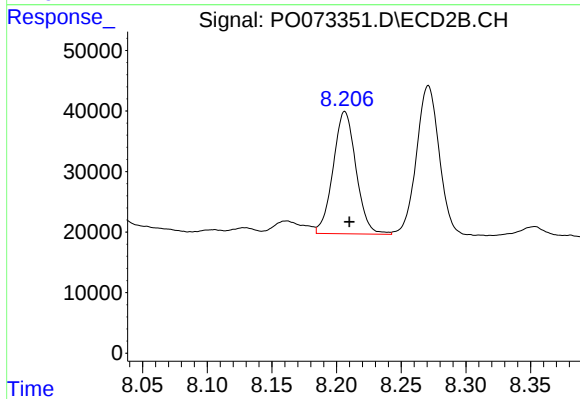
#37 AR-1262-2

R.T.: 7.921 min
Delta R.T.: -0.003 min
Response: 236511
Conc: 45.05 ng/ml



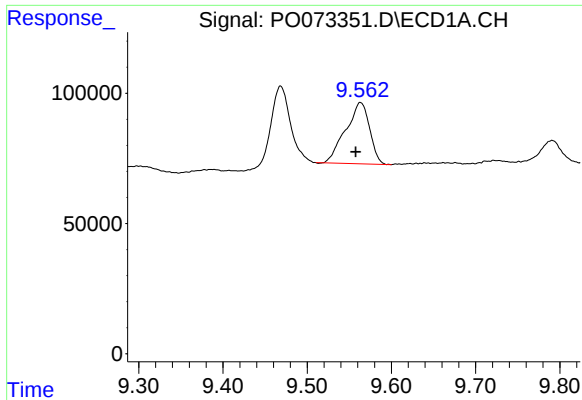
#38 AR-1262-3

R.T.: 9.469 min
Delta R.T.: 0.005 min
Response: 503046
Conc: 97.49 ng/ml



#38 AR-1262-3

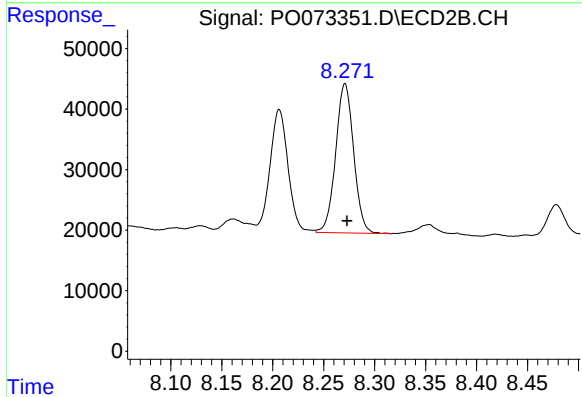
R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 249010
Conc: 119.02 ng/ml



#39 AR-1262-4

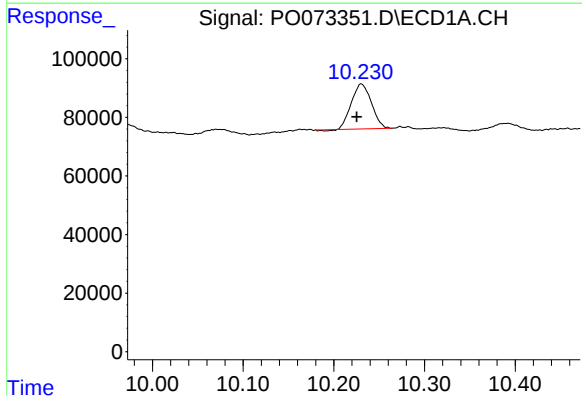
R.T.: 9.563 min
Delta R.T.: 0.006 min
Response: 462839
Conc: 116.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



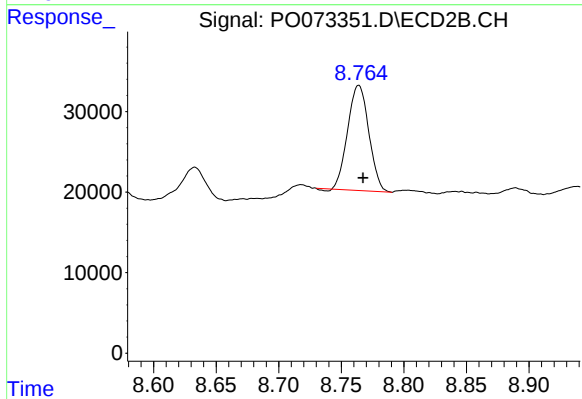
#39 AR-1262-4

R.T.: 8.271 min
Delta R.T.: -0.002 min
Response: 302927
Conc: 79.89 ng/ml



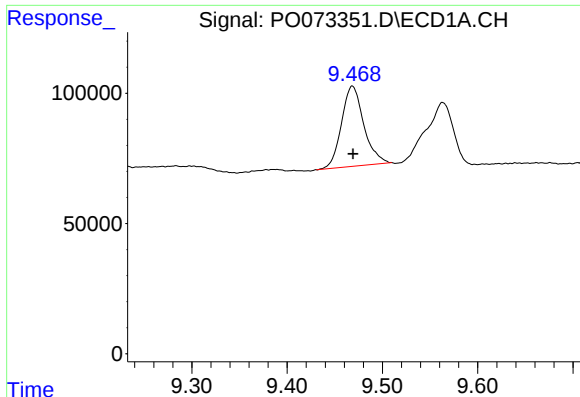
#40 AR-1262-5

R.T.: 10.230 min
Delta R.T.: 0.005 min
Response: 234397
Conc: 85.62 ng/ml



#40 AR-1262-5

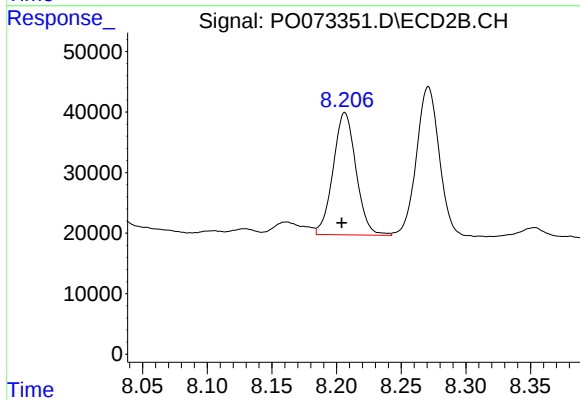
R.T.: 8.764 min
Delta R.T.: -0.003 min
Response: 152966
Conc: 88.91 ng/ml



#41 AR-1268-1

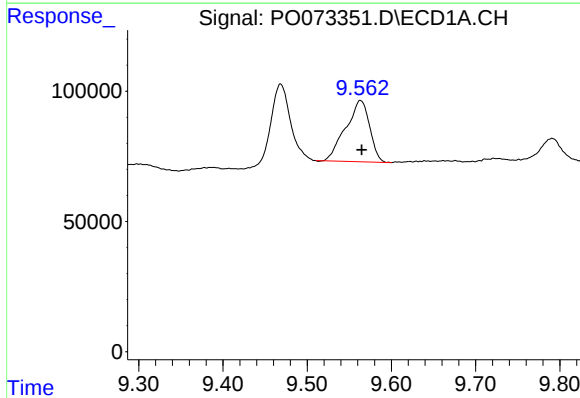
R.T.: 9.469 min
Delta R.T.: 0.000 min
Response: 503046
Conc: 47.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



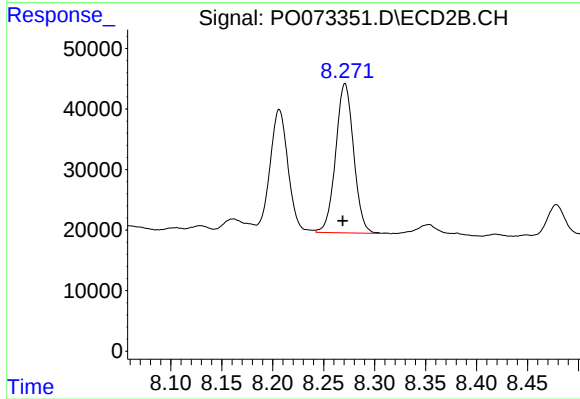
#41 AR-1268-1

R.T.: 8.206 min
Delta R.T.: 0.002 min
Response: 249010
Conc: 41.78 ng/ml



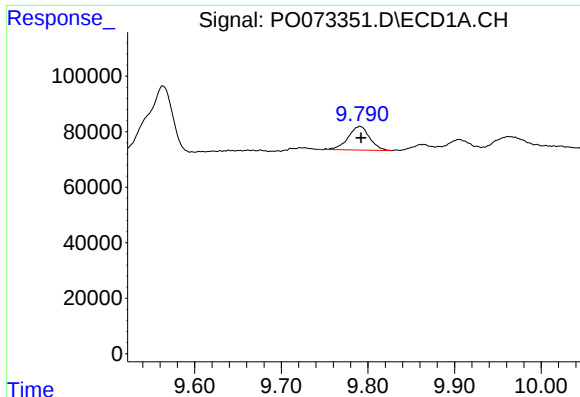
#42 AR-1268-2

R.T.: 9.563 min
Delta R.T.: -0.001 min
Response: 462839
Conc: 50.62 ng/ml



#42 AR-1268-2

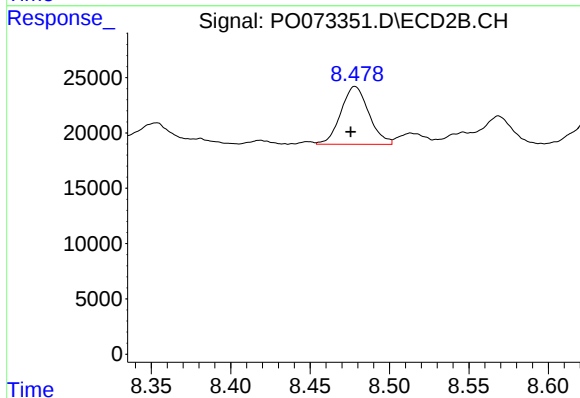
R.T.: 8.271 min
Delta R.T.: 0.002 min
Response: 302927
Conc: 57.62 ng/ml



#43 AR-1268-3

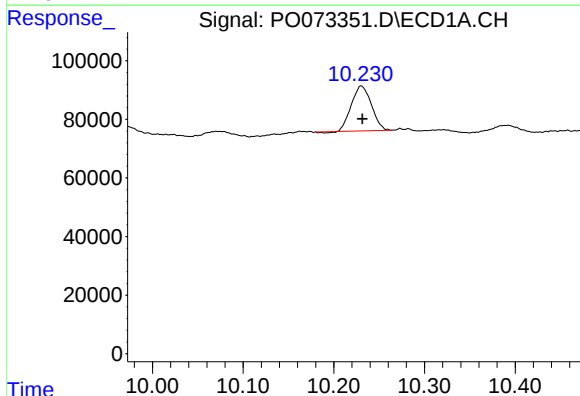
R.T.: 9.791 min
Delta R.T.: -0.001 min
Response: 146716
Conc: 17.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



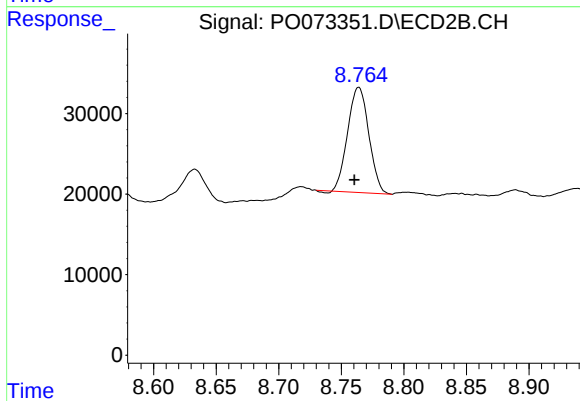
#43 AR-1268-3

R.T.: 8.478 min
Delta R.T.: 0.003 min
Response: 64200
Conc: 14.10 ng/ml



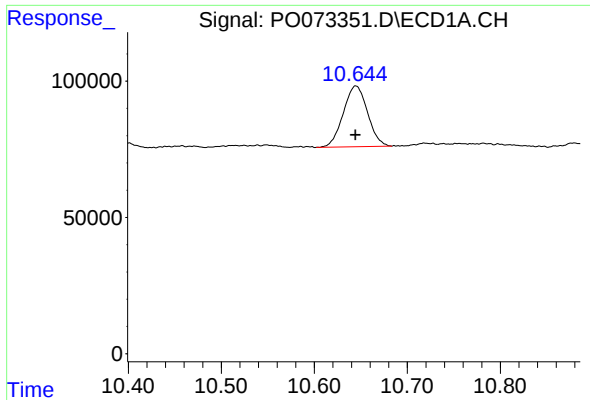
#44 AR-1268-4

R.T.: 10.230 min
Delta R.T.: -0.001 min
Response: 234397
Conc: 74.59 ng/ml



#44 AR-1268-4

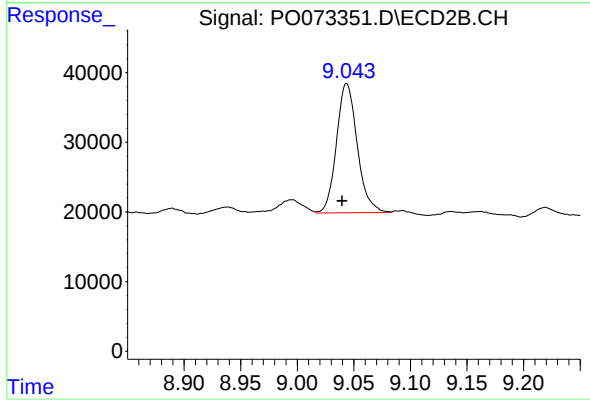
R.T.: 8.764 min
Delta R.T.: 0.003 min
Response: 152966
Conc: 82.86 ng/ml



#45 AR-1268-5

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 404516
Conc: 16.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



#45 AR-1268-5

R.T.: 9.044 min
Delta R.T.: 0.004 min
Response: 237309
Conc: 16.52 ng/ml