

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011521\
 Data File : P0074816.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Jan 2021 10:56
 Operator : AJ/MA
 Sample : M1141-11
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 00:34:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 12 06:02:45 2021
 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...	4.930	4.003	1538217	838930	14.578	14.914
2)	SA Decachlor...	10.953	9.258	1979600	965327	19.505	17.582
Target Compounds							
3)	L1 AR-1016-1	0.000	5.267	0	26729	N.D.	11.686 #
4)	L1 AR-1016-2	0.000	5.267	0	26729	N.D.	8.459 #
6)	L1 AR-1016-4	6.466	5.509	94721	82973	33.314	59.038 #
7)	L1 AR-1016-5	6.767	5.734	49905	39248	18.247	22.824 #
8)	L2 AR-1221-1	5.183	0.000	117873	0	95.965	N.D. #
9)	L2 AR-1221-2	5.280	0.000	41418	0	45.968	N.D. #
10)	L2 AR-1221-3	5.358	0.000	506439	0	179.761	N.D. #
11)	L3 AR-1232-1	5.358	0.000	506439	0	221.128	N.D. #
12)	L3 AR-1232-2	5.959	5.267	35331	26729	30.729	19.796 #
14)	L3 AR-1232-4	6.466	5.552	94721	18978	78.808	29.842 #
15)	L3 AR-1232-5	6.549	5.734	131301	39248	161.372	56.521 #
16)	L4 AR-1242-1	0.000	5.267	0	26729	N.D.	14.502 #
17)	L4 AR-1242-2	0.000	5.267	0	26729	N.D.	10.618 #
19)	L4 AR-1242-4	6.466	5.552	94721	18978	41.740	14.521 #
20)	L4 AR-1242-5	7.240	6.112	83704	635335	33.262	362.876 #
21)	L5 AR-1248-1	0.000	5.267f	0	26729	N.D.	19.435 #
22)	L5 AR-1248-2	6.549	5.509	131301	82973	42.218	44.150
23)	L5 AR-1248-3	6.767	5.552	49905	18978	13.781	10.054 #
24)	L5 AR-1248-4	7.198	5.734	93580	39248	20.985	17.425
25)	L5 AR-1248-5	7.240	0.000	83704	0	19.863	N.D. #
26)	L6 AR-1254-1	7.167	6.112	1132819	635335	257.568	175.895 #
27)	L6 AR-1254-2	7.397	6.271	1464694	706526	215.055	226.702
28)	L6 AR-1254-3	7.781	6.707	893258	1557190	127.348	317.540 #
29)	L6 AR-1254-4	8.076	6.926	719445	235103	118.629	67.796 #
30)	L6 AR-1254-5	8.506	7.351	6457350	2983441	1111.623	659.187 #
31)	L7 AR-1260-1	7.948	6.824	4134196	2150872	828.706	674.195
32)	L7 AR-1260-2	8.215	7.021	5843860	2685127	859.125	631.638 #
33)	L7 AR-1260-3	8.581	7.174	4992308	2417644	870.995	670.921
34)	L7 AR-1260-4	8.812	7.653	4957235	2189412	906.041	699.197
35)	L7 AR-1260-5	9.139	7.901	11640054	5697062	931.579	716.732
36)	L8 AR-1262-1	8.581	7.351	4992308	2983441	560.671	1172.470 #
37)	L8 AR-1262-2	9.139	7.901	11640054	5697062	760.278	619.627
38)	L8 AR-1262-3	9.473f	8.184	6916749	1273517	690.584	322.057 #
39)	L8 AR-1262-4	9.526	8.247	4137570	4048075	555.576	611.011
40)	L8 AR-1262-5	10.209	8.742	2970566	1493573	567.814	483.760
41)	L9 AR-1268-1	9.473f	8.184	6916749	1273517	370.207	113.760 #
42)	L9 AR-1268-2	9.526f	8.247	4137570	4048075	259.329	423.120 #
43)	L9 AR-1268-3	9.771	8.454	119330	58189	8.402	7.003
44)	L9 AR-1268-4	10.209	8.742	2970566	1493573	507.049	430.530

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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
45)	L9 AR-1268-5	10.620	9.019	687631	331177	16.455	13.986

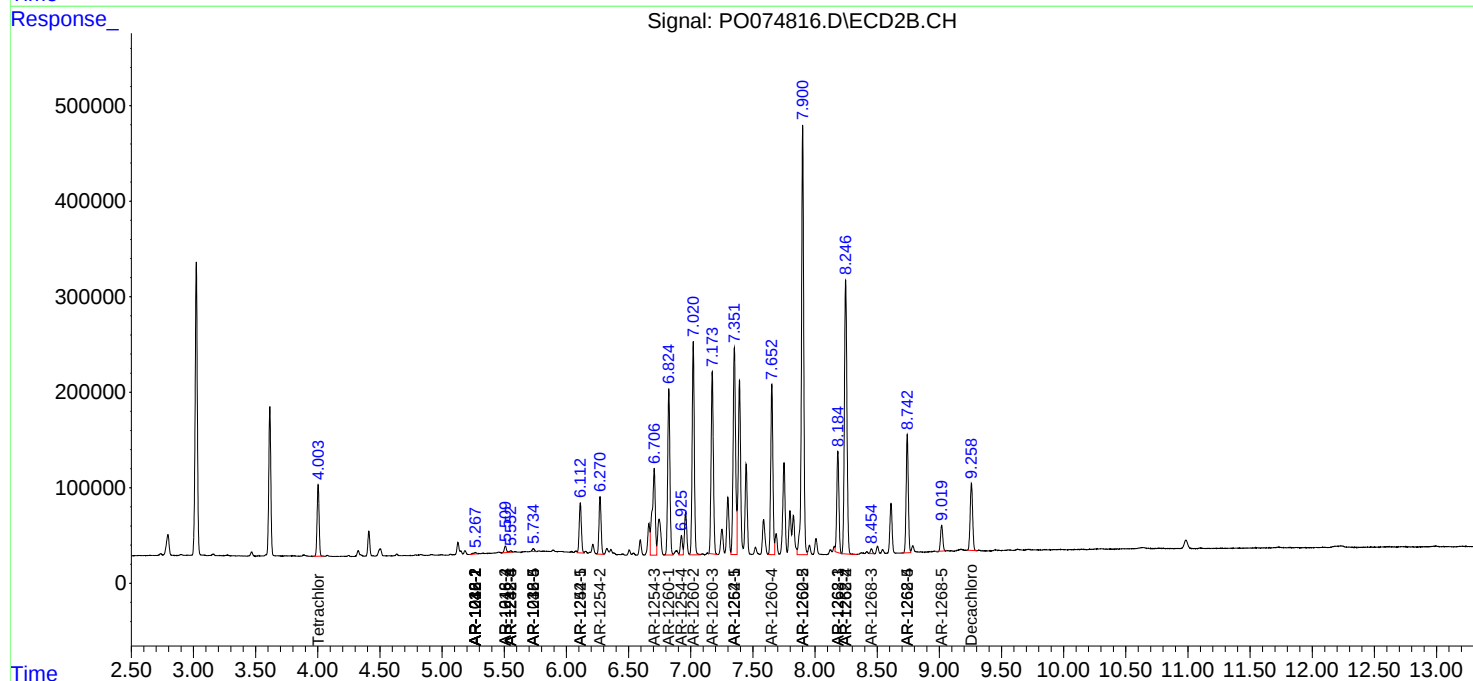
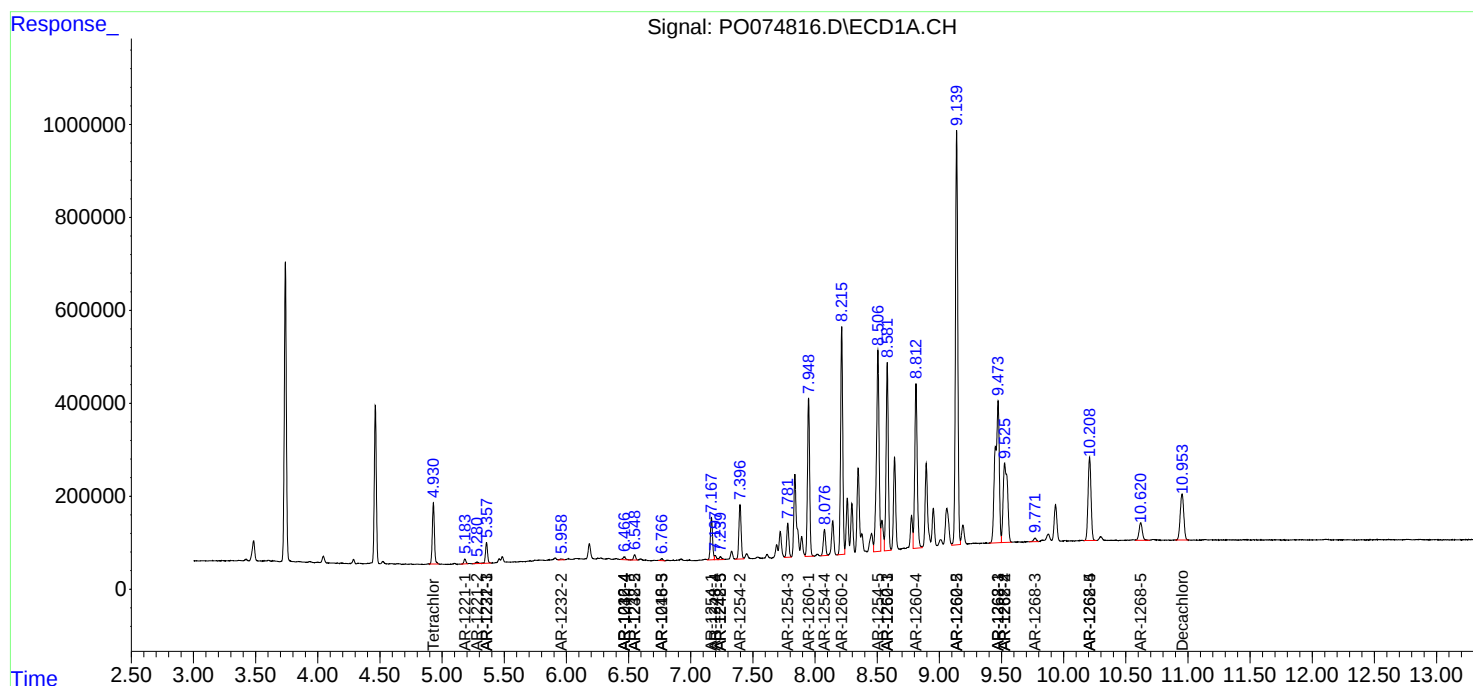
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

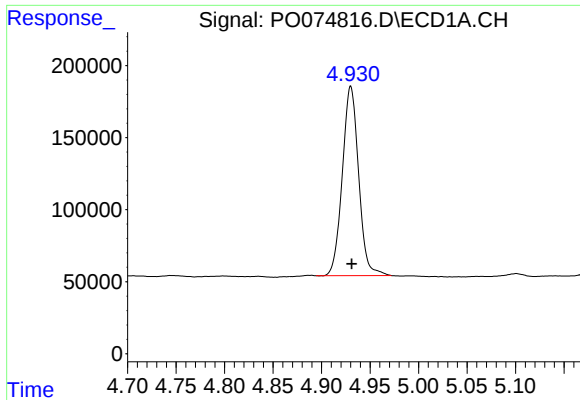
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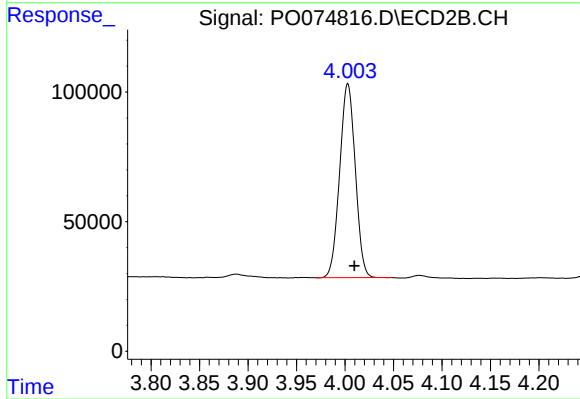




#1 Tetrachloro-m-xylene

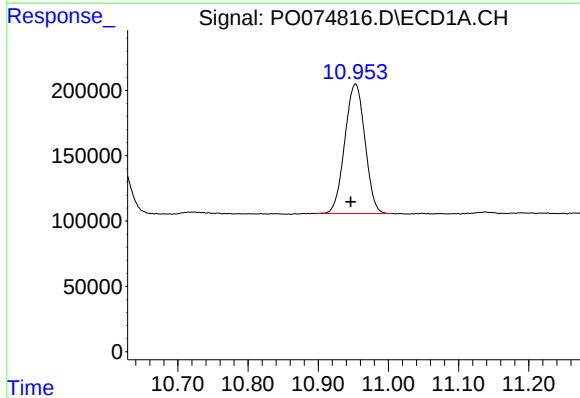
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 1538217
Conc: 14.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



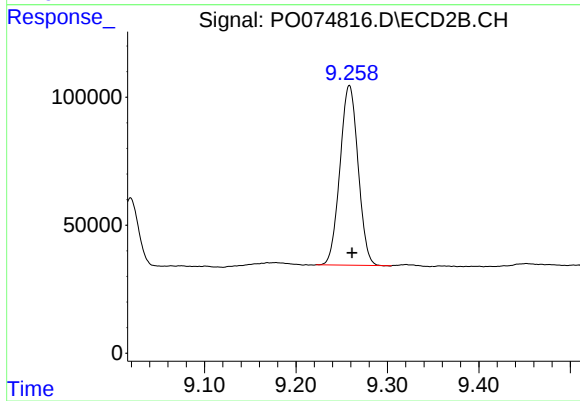
#1 Tetrachloro-m-xylene

R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 838930
Conc: 14.91 ng/ml



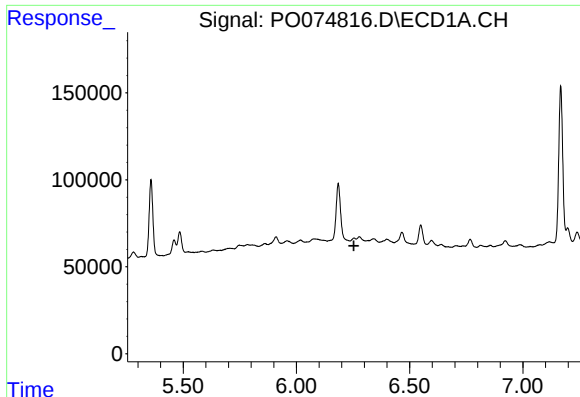
#2 Decachlorobiphenyl

R.T.: 10.953 min
Delta R.T.: 0.007 min
Response: 1979600
Conc: 19.50 ng/ml



#2 Decachlorobiphenyl

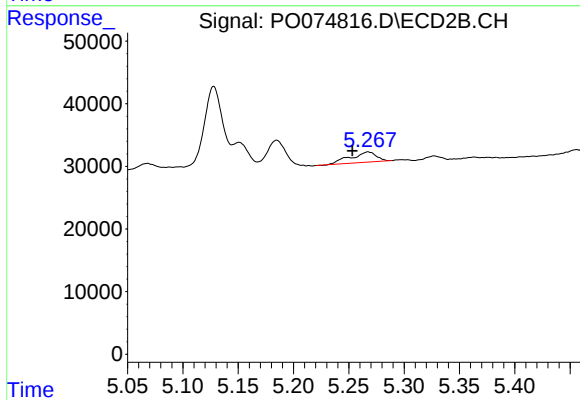
R.T.: 9.258 min
Delta R.T.: -0.003 min
Response: 965327
Conc: 17.58 ng/ml



#3 AR-1016-1

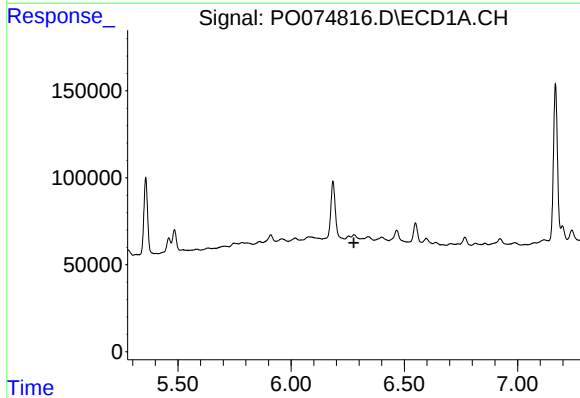
R.T.: 0.000 min
Exp R.T.: 6.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



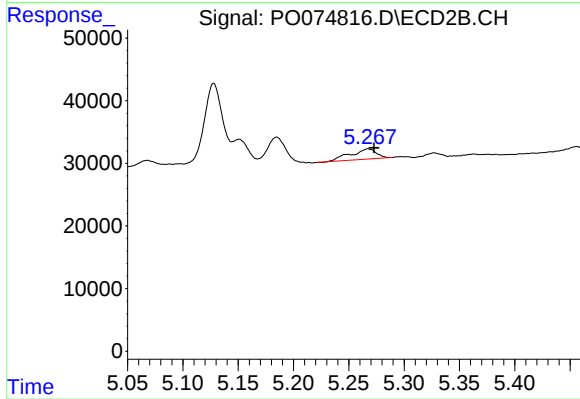
#3 AR-1016-1

R.T.: 5.267 min
Delta R.T.: 0.014 min
Response: 26729
Conc: 11.69 ng/ml



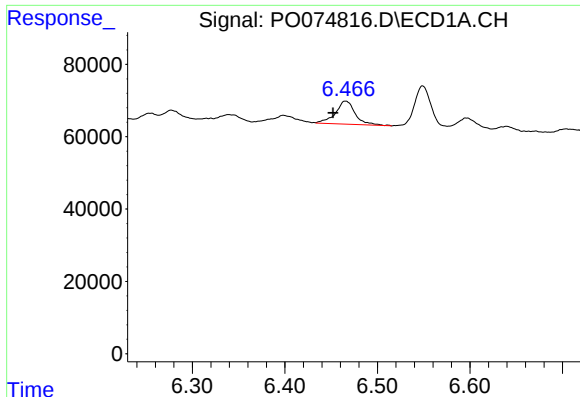
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.277 min
Response: 0
Conc: N.D.



#4 AR-1016-2

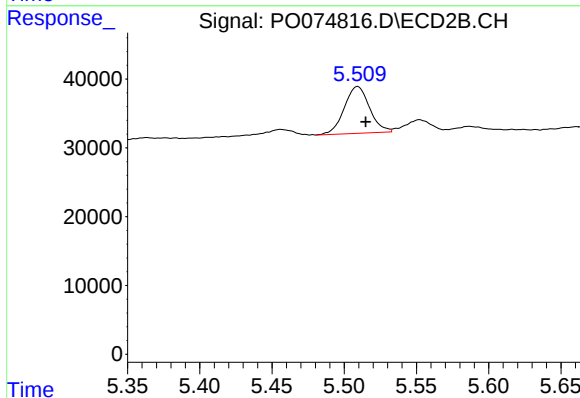
R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 26729
Conc: 8.46 ng/ml



#6 AR-1016-4

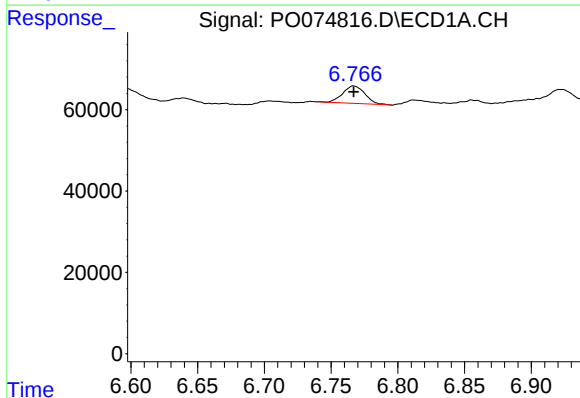
R.T.: 6.466 min
Delta R.T.: 0.014 min
Response: 94721
Conc: 33.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



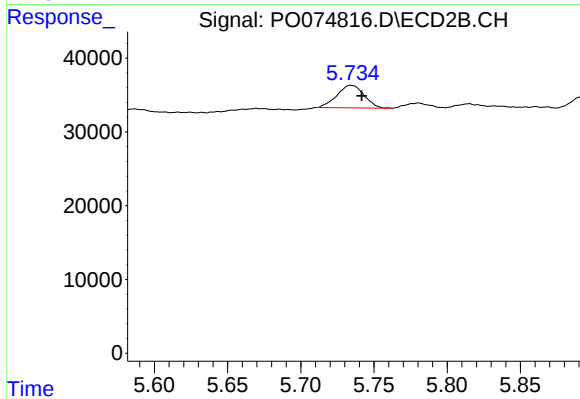
#6 AR-1016-4

R.T.: 5.509 min
Delta R.T.: -0.006 min
Response: 82973
Conc: 59.04 ng/ml



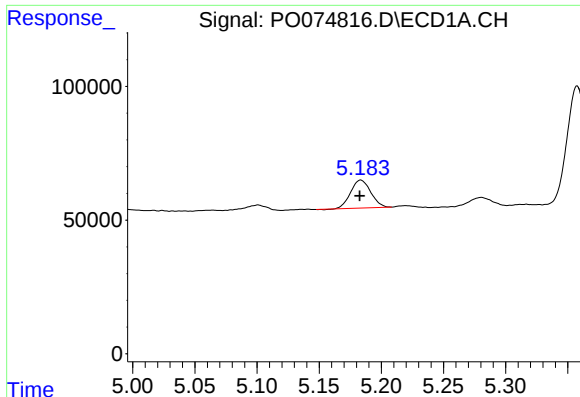
#7 AR-1016-5

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 49905
Conc: 18.25 ng/ml



#7 AR-1016-5

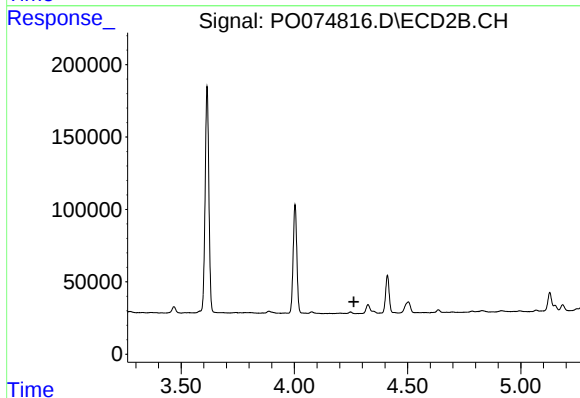
R.T.: 5.734 min
Delta R.T.: -0.007 min
Response: 39248
Conc: 22.82 ng/ml



#8 AR-1221-1

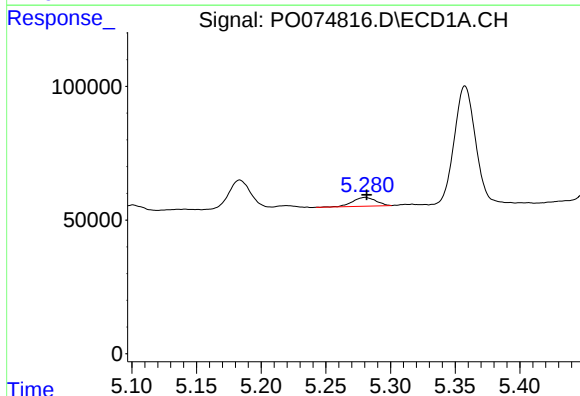
R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 117873
Conc: 95.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



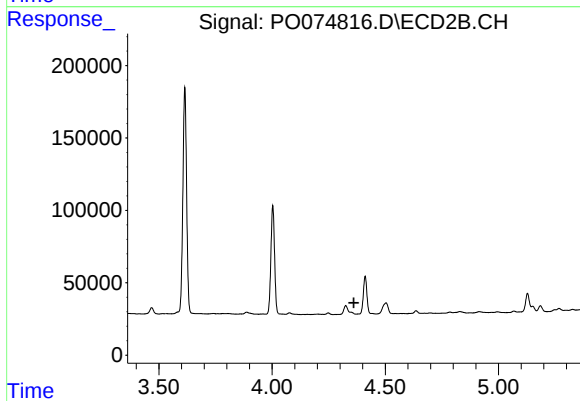
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.263 min
Response: 0
Conc: N.D.



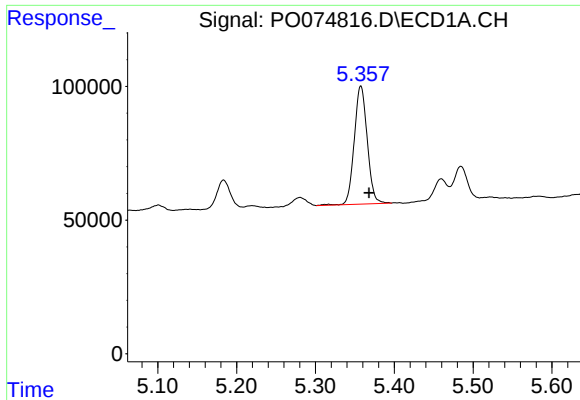
#9 AR-1221-2

R.T.: 5.280 min
Delta R.T.: -0.001 min
Response: 41418
Conc: 45.97 ng/ml



#9 AR-1221-2

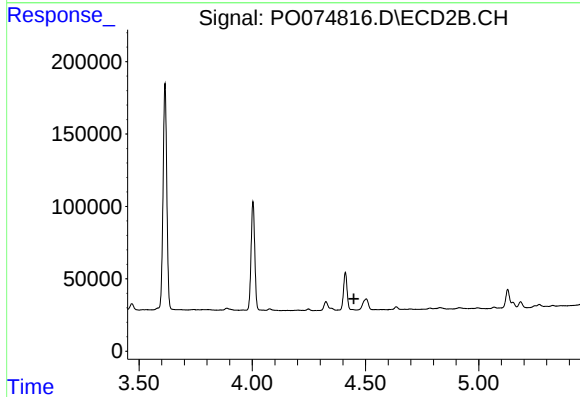
R.T.: 0.000 min
Exp R.T. : 4.361 min
Response: 0
Conc: N.D.



#10 AR-1221-3

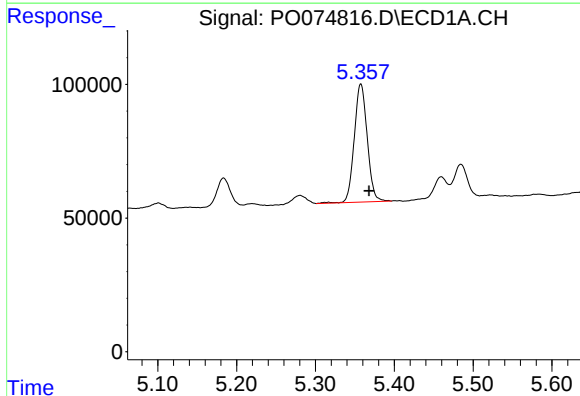
R.T.: 5.358 min
Delta R.T.: -0.010 min
Response: 506439
Conc: 179.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



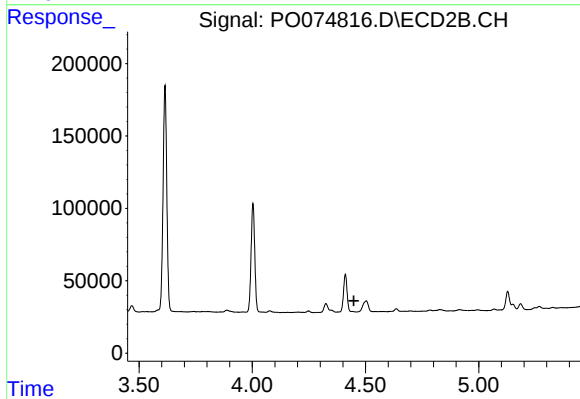
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.449 min
Response: 0
Conc: N.D.



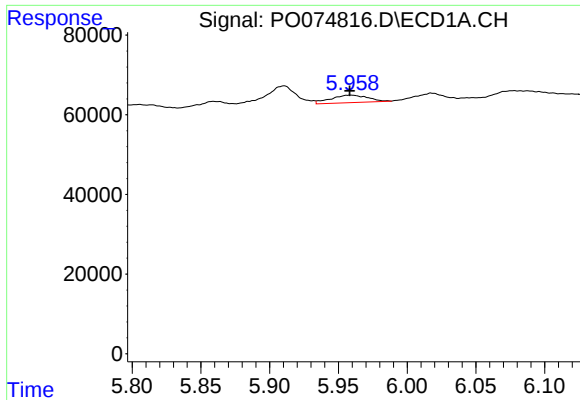
#11 AR-1232-1

R.T.: 5.358 min
Delta R.T.: -0.010 min
Response: 506439
Conc: 221.13 ng/ml



#11 AR-1232-1

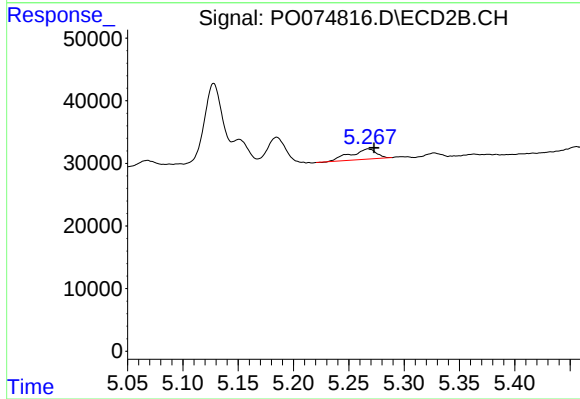
R.T.: 0.000 min
Exp R.T. : 4.448 min
Response: 0
Conc: N.D.



#12 AR-1232-2

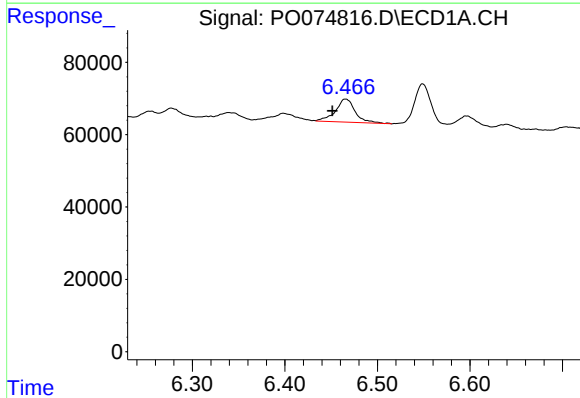
R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 35331
Conc: 30.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



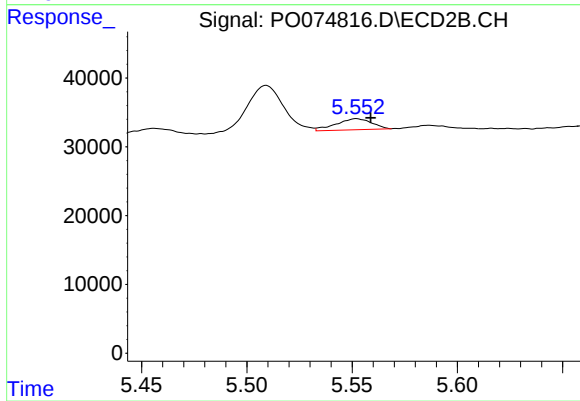
#12 AR-1232-2

R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 26729
Conc: 19.80 ng/ml



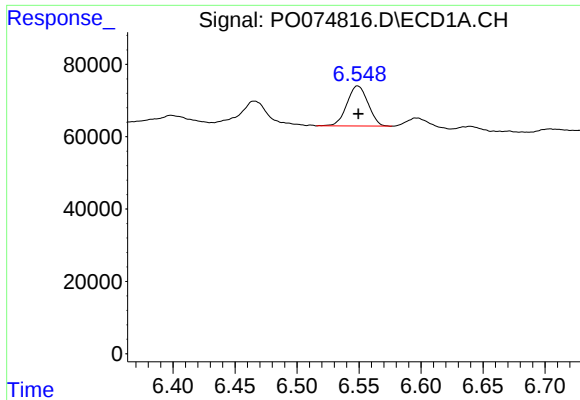
#14 AR-1232-4

R.T.: 6.466 min
Delta R.T.: 0.014 min
Response: 94721
Conc: 78.81 ng/ml



#14 AR-1232-4

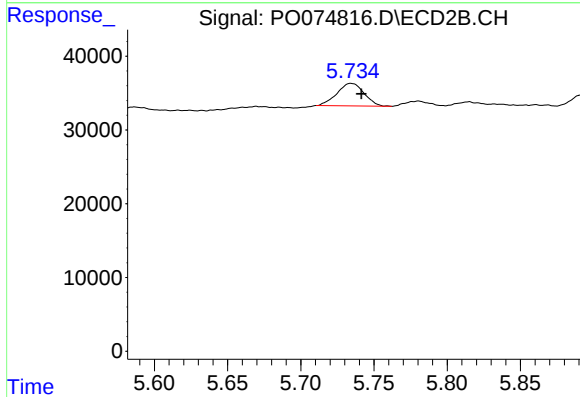
R.T.: 5.552 min
Delta R.T.: -0.007 min
Response: 18978
Conc: 29.84 ng/ml



#15 AR-1232-5

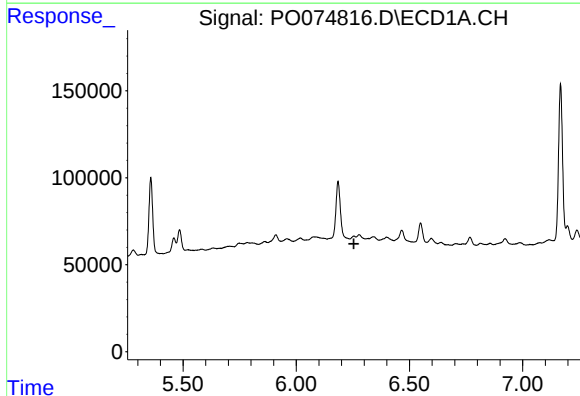
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 131301
Conc: 161.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



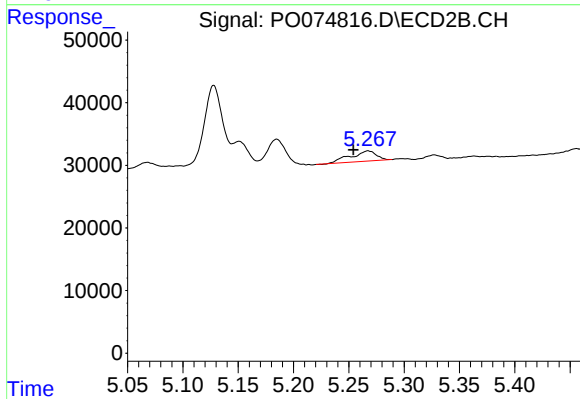
#15 AR-1232-5

R.T.: 5.734 min
Delta R.T.: -0.007 min
Response: 39248
Conc: 56.52 ng/ml



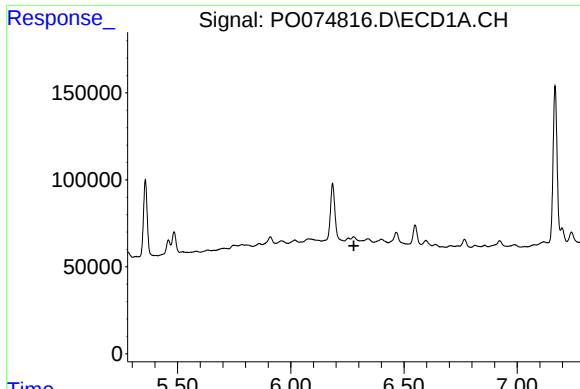
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.255 min
Response: 0
Conc: N.D.



#16 AR-1242-1

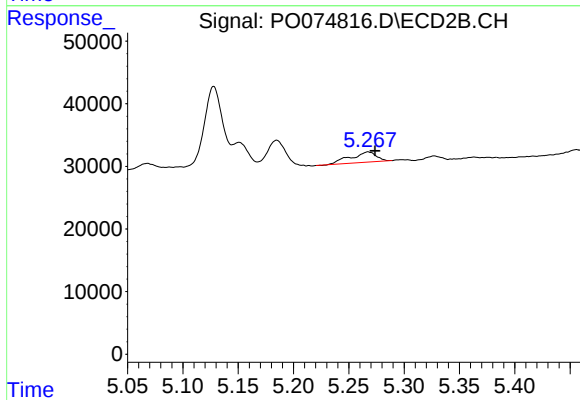
R.T.: 5.267 min
Delta R.T.: 0.013 min
Response: 26729
Conc: 14.50 ng/ml



#17 AR-1242-2

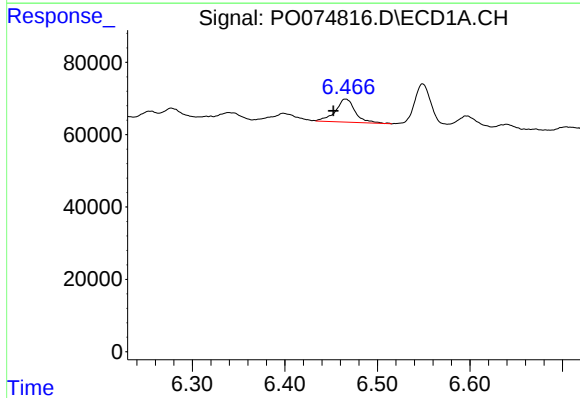
R.T.: 0.000 min
Exp R.T.: 6.279 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



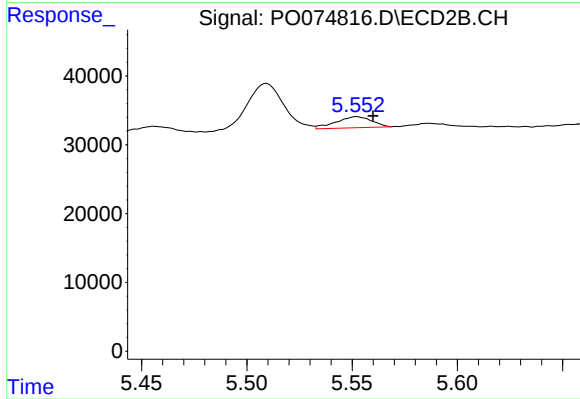
#17 AR-1242-2

R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 26729
Conc: 10.62 ng/ml



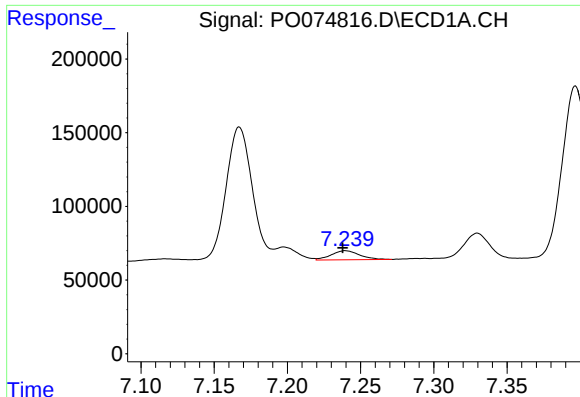
#19 AR-1242-4

R.T.: 6.466 min
Delta R.T.: 0.013 min
Response: 94721
Conc: 41.74 ng/ml



#19 AR-1242-4

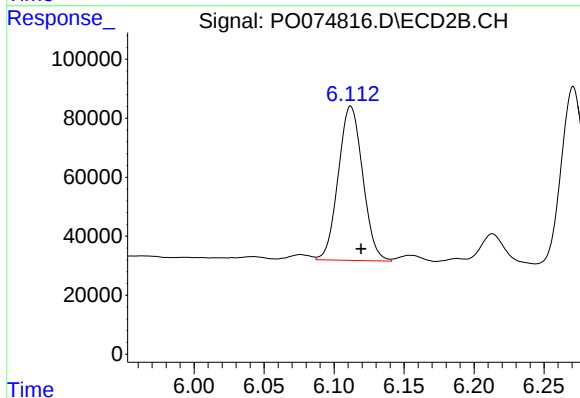
R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 18978
Conc: 14.52 ng/ml



#20 AR-1242-5

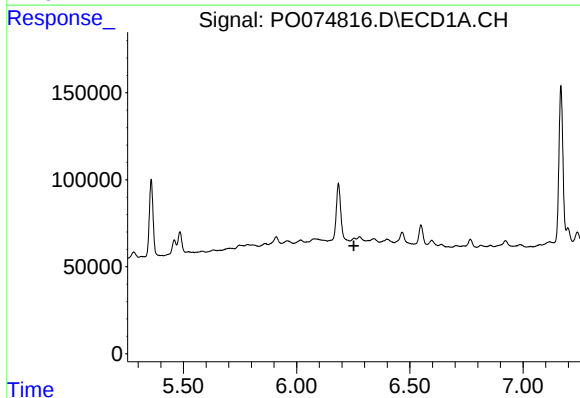
R.T.: 7.240 min
Delta R.T.: 0.002 min
Response: 83704
Conc: 33.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



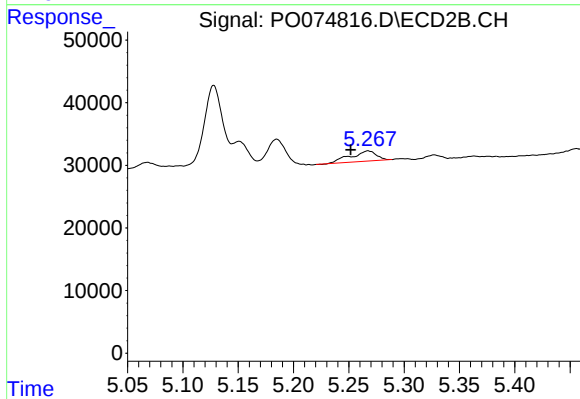
#20 AR-1242-5

R.T.: 6.112 min
Delta R.T.: -0.007 min
Response: 635335
Conc: 362.88 ng/ml



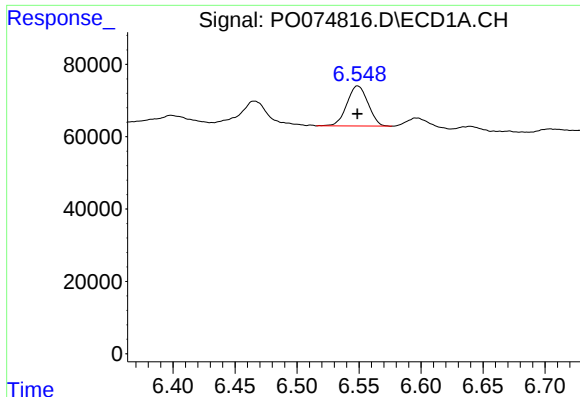
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.253 min
Response: 0
Conc: N.D.



#21 AR-1248-1

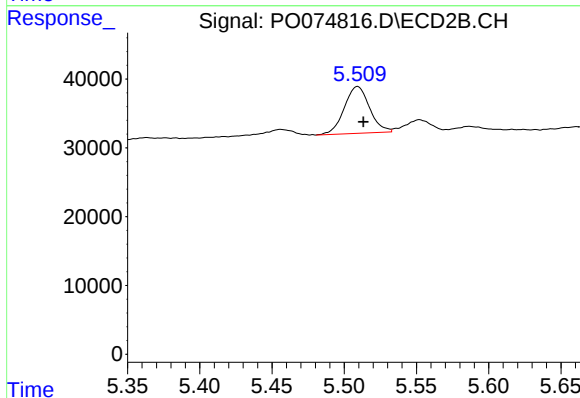
R.T.: 5.267 min
Delta R.T.: 0.016 min
Response: 26729
Conc: 19.43 ng/ml



#22 AR-1248-2

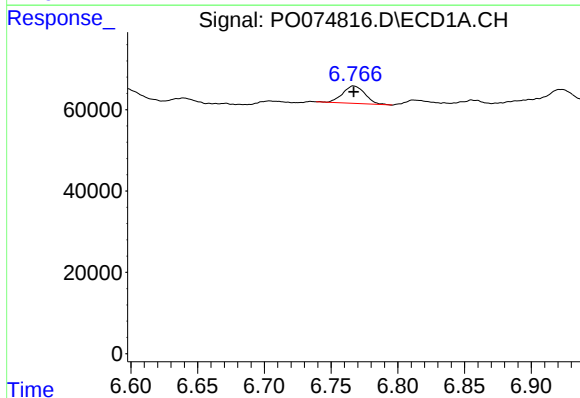
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 131301
Conc: 42.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



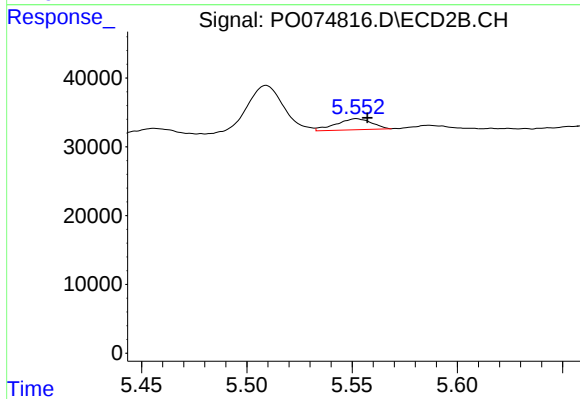
#22 AR-1248-2

R.T.: 5.509 min
Delta R.T.: -0.004 min
Response: 82973
Conc: 44.15 ng/ml



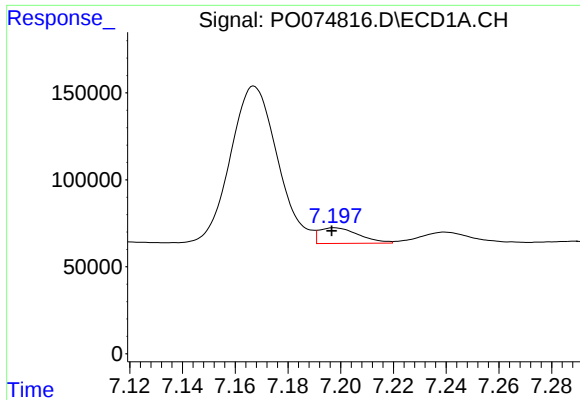
#23 AR-1248-3

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 49905
Conc: 13.78 ng/ml



#23 AR-1248-3

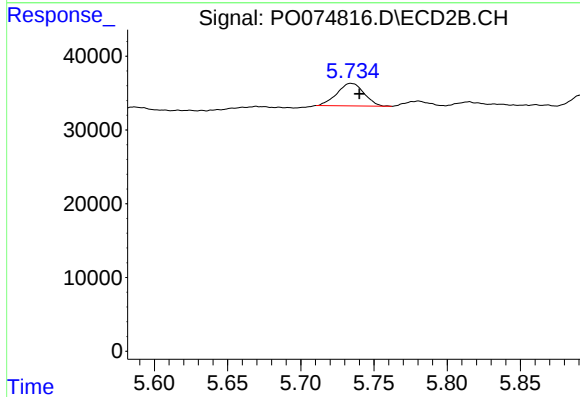
R.T.: 5.552 min
Delta R.T.: -0.005 min
Response: 18978
Conc: 10.05 ng/ml



#24 AR-1248-4

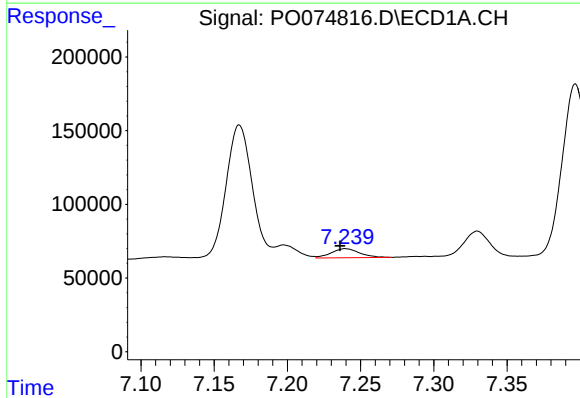
R.T.: 7.198 min
Delta R.T.: 0.001 min
Response: 93580
Conc: 20.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



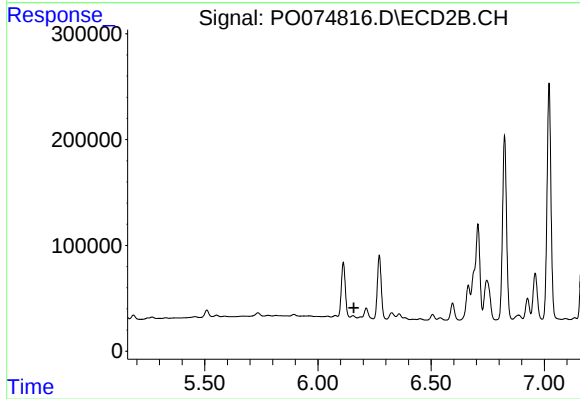
#24 AR-1248-4

R.T.: 5.734 min
Delta R.T.: -0.005 min
Response: 39248
Conc: 17.43 ng/ml



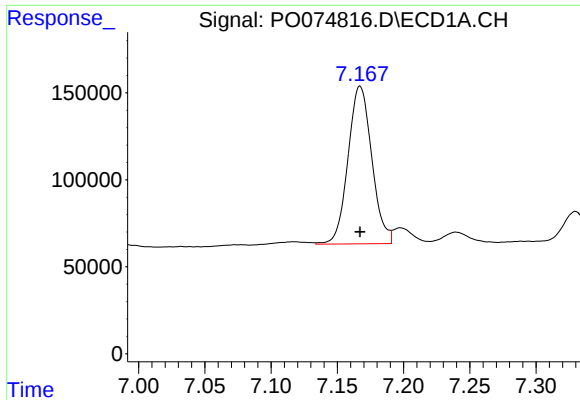
#25 AR-1248-5

R.T.: 7.240 min
Delta R.T.: 0.004 min
Response: 83704
Conc: 19.86 ng/ml



#25 AR-1248-5

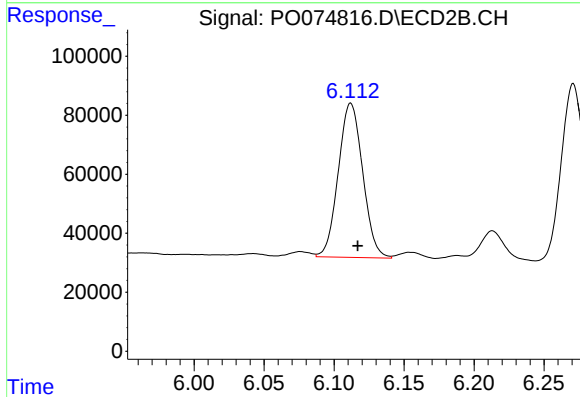
R.T.: 0.000 min
Exp R.T.: 6.159 min
Response: 0
Conc: N.D.



#26 AR-1254-1

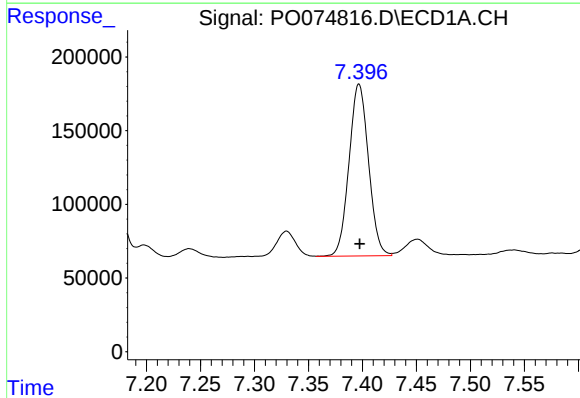
R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 1132819
Conc: 257.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



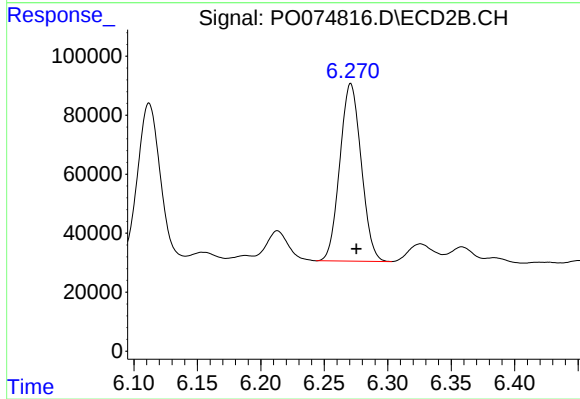
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 635335
Conc: 175.90 ng/ml



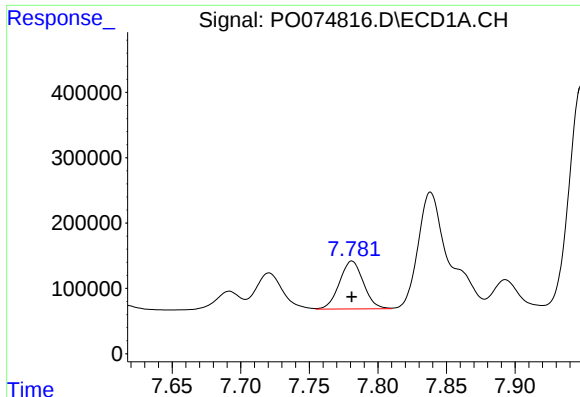
#27 AR-1254-2

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 1464694
Conc: 215.06 ng/ml



#27 AR-1254-2

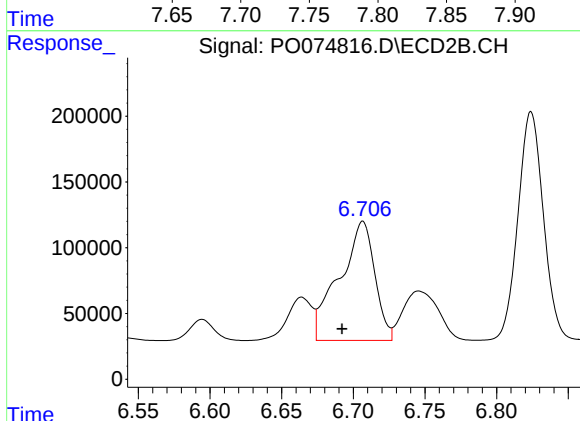
R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 706526
Conc: 226.70 ng/ml



#28 AR-1254-3

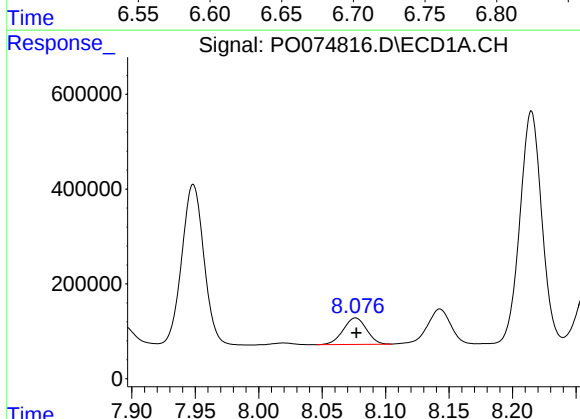
R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 893258
Conc: 127.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



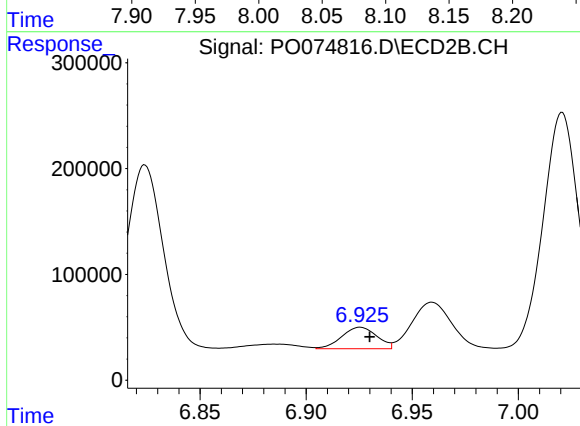
#28 AR-1254-3

R.T.: 6.707 min
Delta R.T.: 0.014 min
Response: 1557190
Conc: 317.54 ng/ml



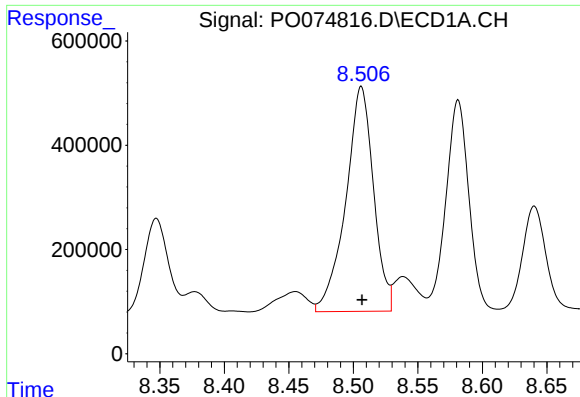
#29 AR-1254-4

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 719445
Conc: 118.63 ng/ml



#29 AR-1254-4

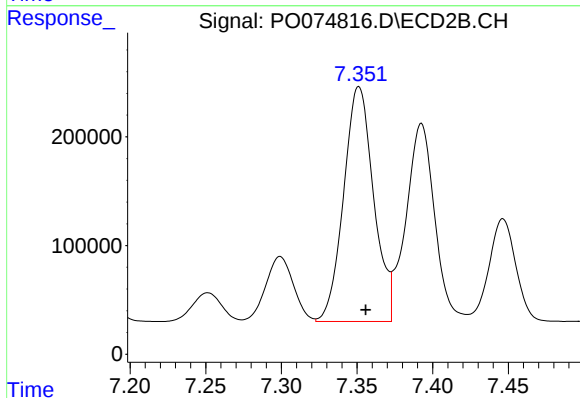
R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 235103
Conc: 67.80 ng/ml



#30 AR-1254-5

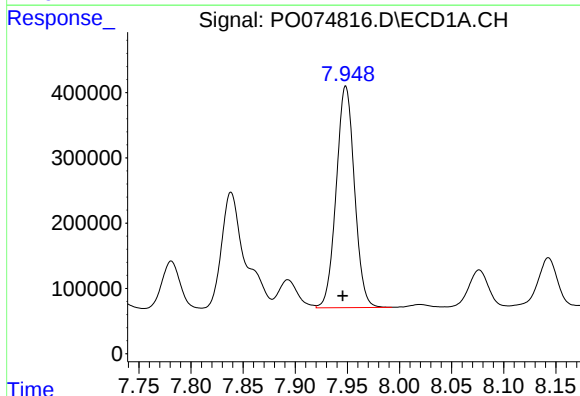
R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 6457350
Conc: 1111.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



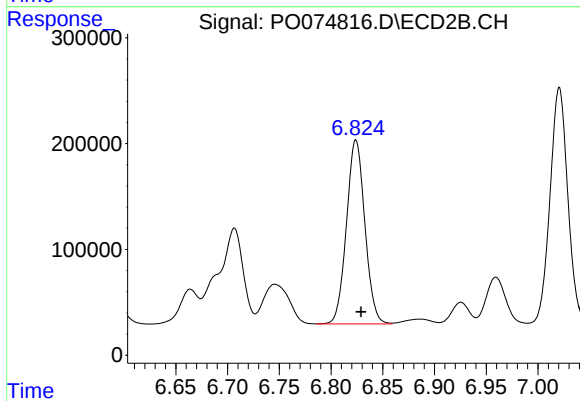
#30 AR-1254-5

R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 2983441
Conc: 659.19 ng/ml



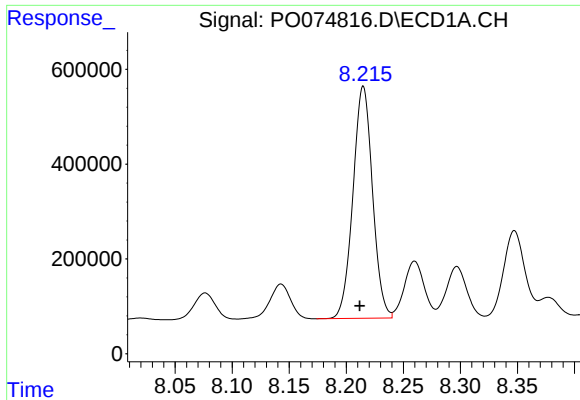
#31 AR-1260-1

R.T.: 7.948 min
Delta R.T.: 0.003 min
Response: 4134196
Conc: 828.71 ng/ml



#31 AR-1260-1

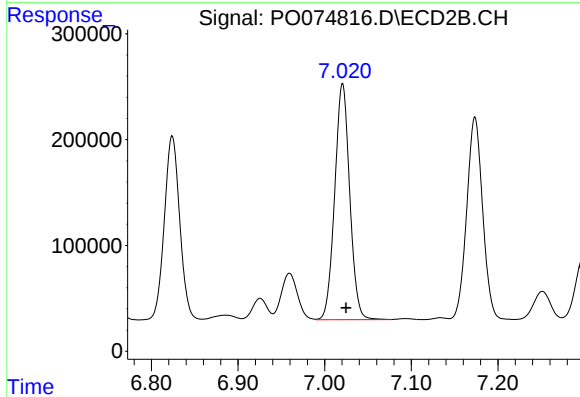
R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 2150872
Conc: 674.19 ng/ml



#32 AR-1260-2

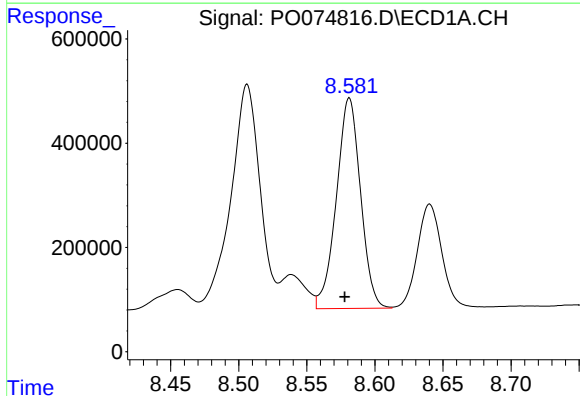
R.T.: 8.215 min
Delta R.T.: 0.003 min
Response: 5843860
Conc: 859.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



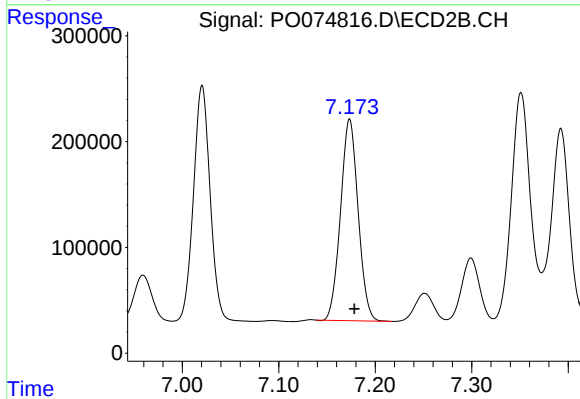
#32 AR-1260-2

R.T.: 7.021 min
Delta R.T.: -0.004 min
Response: 2685127
Conc: 631.64 ng/ml



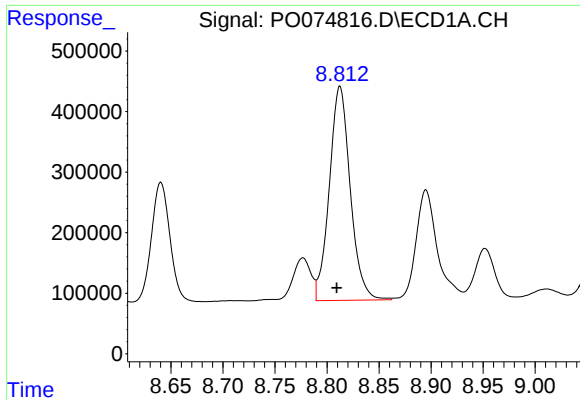
#33 AR-1260-3

R.T.: 8.581 min
Delta R.T.: 0.003 min
Response: 4992308
Conc: 871.00 ng/ml



#33 AR-1260-3

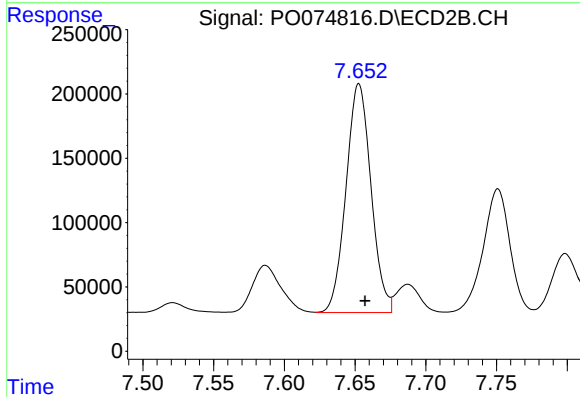
R.T.: 7.174 min
Delta R.T.: -0.005 min
Response: 2417644
Conc: 670.92 ng/ml



#34 AR-1260-4

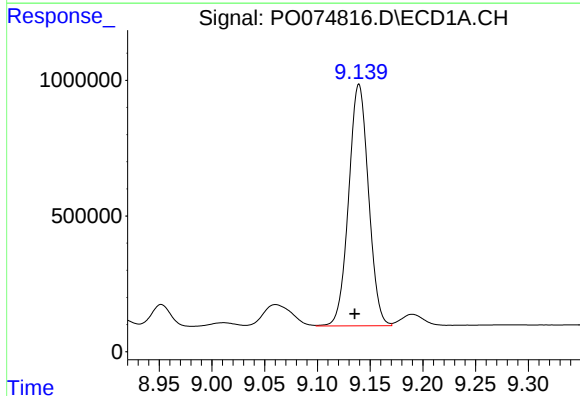
R.T.: 8.812 min
Delta R.T.: 0.003 min
Response: 4957235
Conc: 906.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



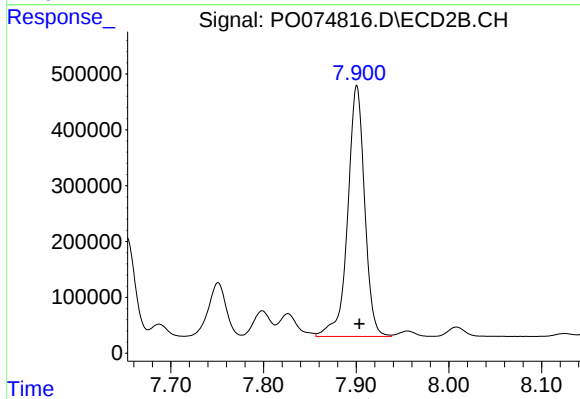
#34 AR-1260-4

R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 2189412
Conc: 699.20 ng/ml



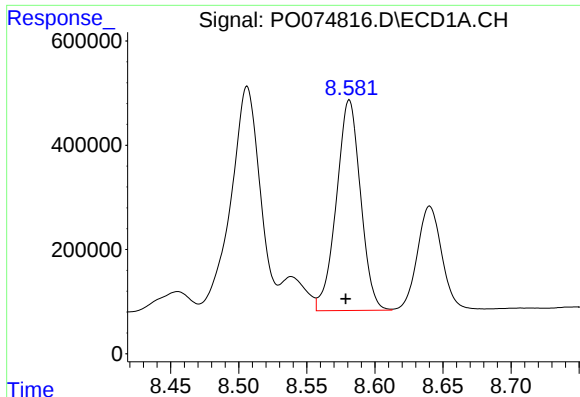
#35 AR-1260-5

R.T.: 9.139 min
Delta R.T.: 0.004 min
Response: 11640054
Conc: 931.58 ng/ml



#35 AR-1260-5

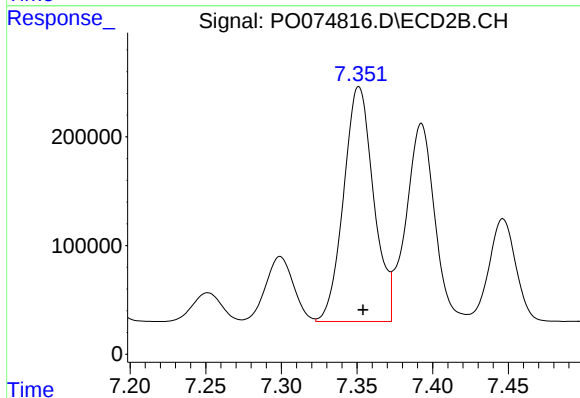
R.T.: 7.901 min
Delta R.T.: -0.003 min
Response: 5697062
Conc: 716.73 ng/ml



#36 AR-1262-1

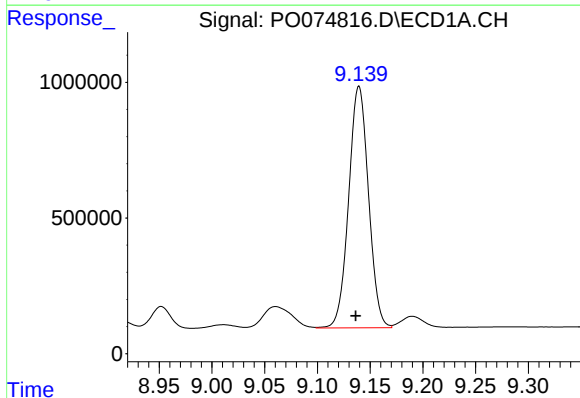
R.T.: 8.581 min
Delta R.T.: 0.003 min
Response: 4992308
Conc: 560.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



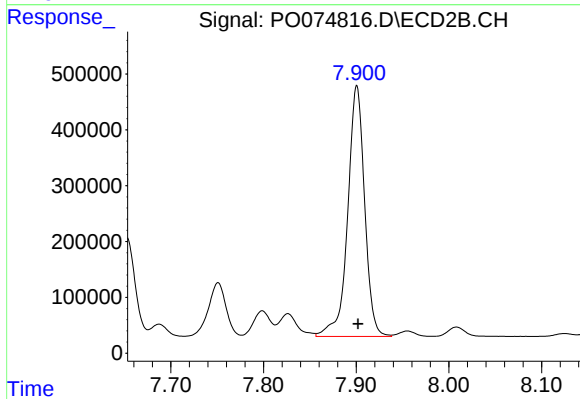
#36 AR-1262-1

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 2983441
Conc: 1172.47 ng/ml



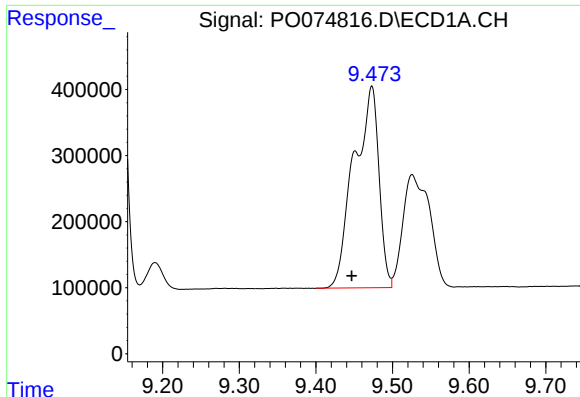
#37 AR-1262-2

R.T.: 9.139 min
Delta R.T.: 0.003 min
Response: 11640054
Conc: 760.28 ng/ml



#37 AR-1262-2

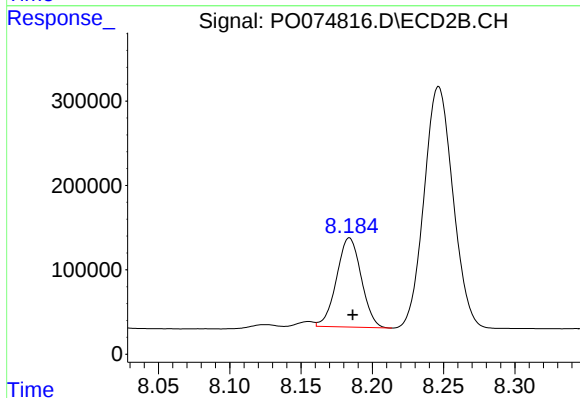
R.T.: 7.901 min
Delta R.T.: -0.001 min
Response: 5697062
Conc: 619.63 ng/ml



#38 AR-1262-3

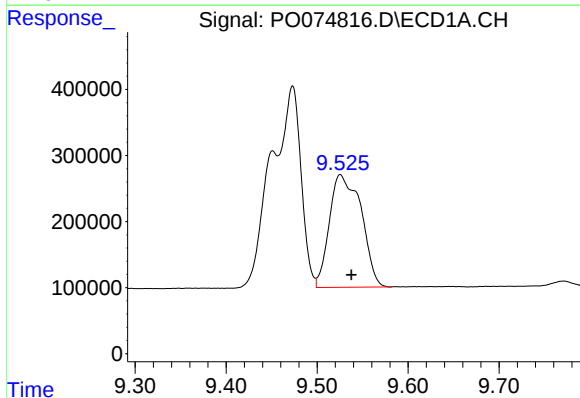
R.T.: 9.473 min
Delta R.T.: 0.026 min
Response: 6916749
Conc: 690.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



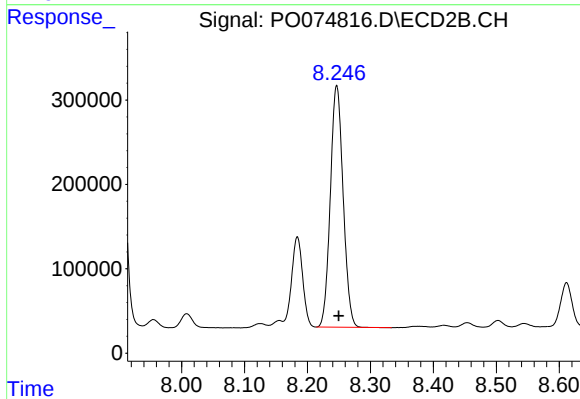
#38 AR-1262-3

R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 1273517
Conc: 322.06 ng/ml



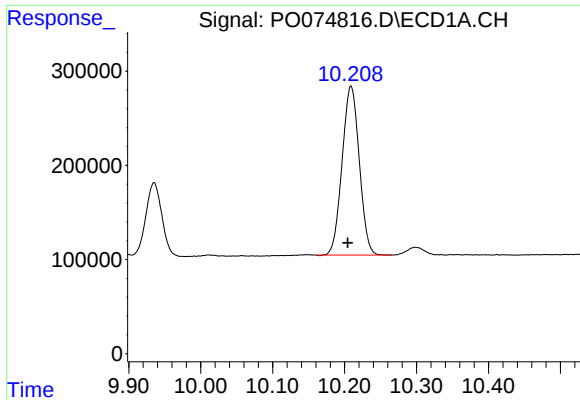
#39 AR-1262-4

R.T.: 9.526 min
Delta R.T.: -0.012 min
Response: 4137570
Conc: 555.58 ng/ml



#39 AR-1262-4

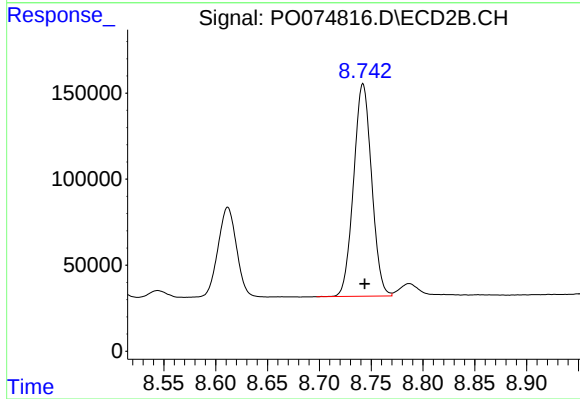
R.T.: 8.247 min
Delta R.T.: -0.003 min
Response: 4048075
Conc: 611.01 ng/ml



#40 AR-1262-5

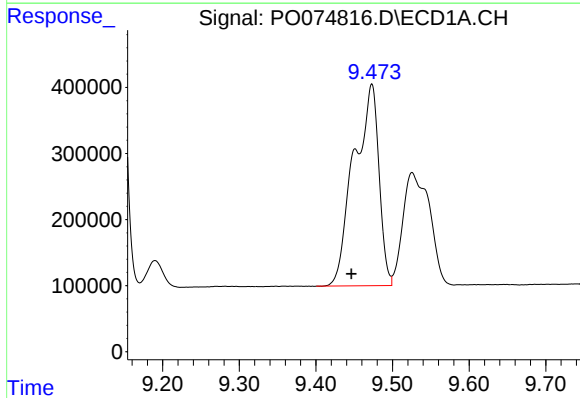
R.T.: 10.209 min
Delta R.T.: 0.005 min
Response: 2970566
Conc: 567.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



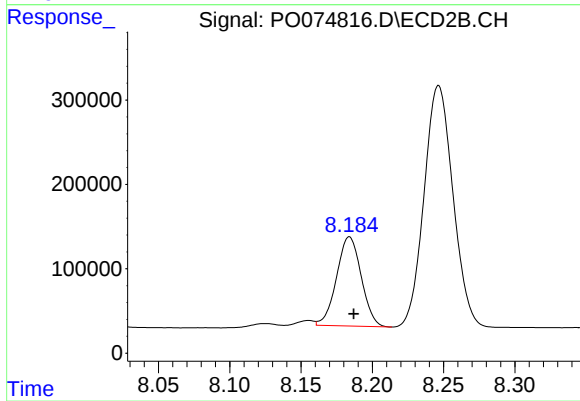
#40 AR-1262-5

R.T.: 8.742 min
Delta R.T.: -0.002 min
Response: 1493573
Conc: 483.76 ng/ml



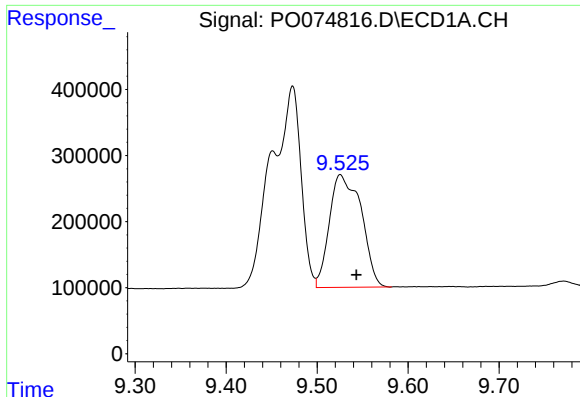
#41 AR-1268-1

R.T.: 9.473 min
Delta R.T.: 0.026 min
Response: 6916749
Conc: 370.21 ng/ml



#41 AR-1268-1

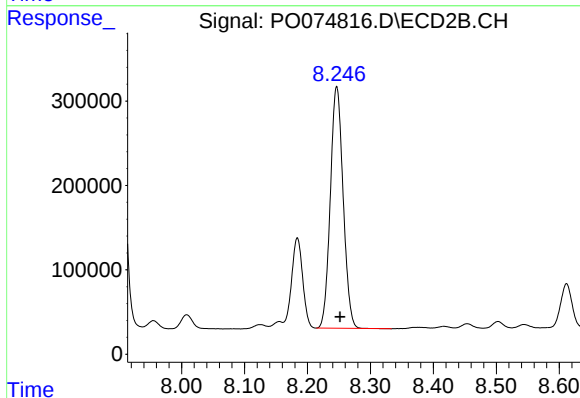
R.T.: 8.184 min
Delta R.T.: -0.003 min
Response: 1273517
Conc: 113.76 ng/ml



#42 AR-1268-2

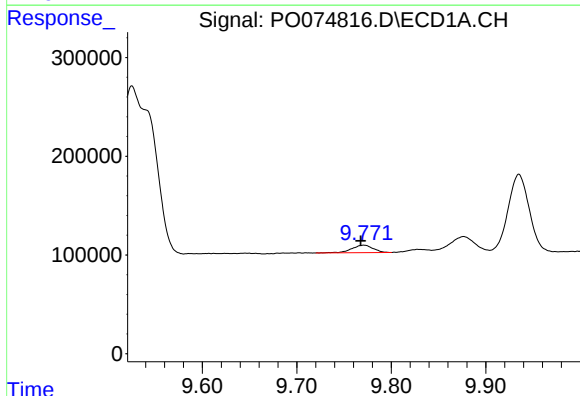
R.T.: 9.526 min
Delta R.T.: -0.017 min
Response: 4137570
Conc: 259.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



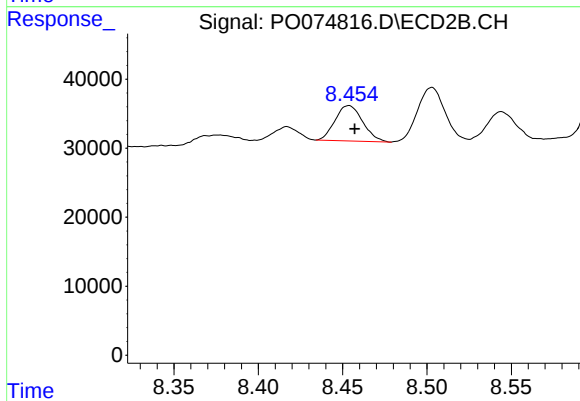
#42 AR-1268-2

R.T.: 8.247 min
Delta R.T.: -0.005 min
Response: 4048075
Conc: 423.12 ng/ml



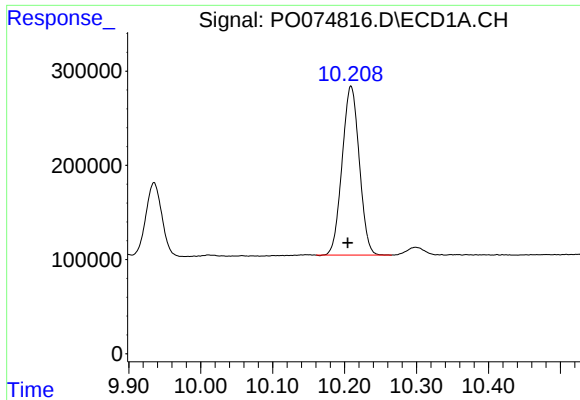
#43 AR-1268-3

R.T.: 9.771 min
Delta R.T.: 0.003 min
Response: 119330
Conc: 8.40 ng/ml



#43 AR-1268-3

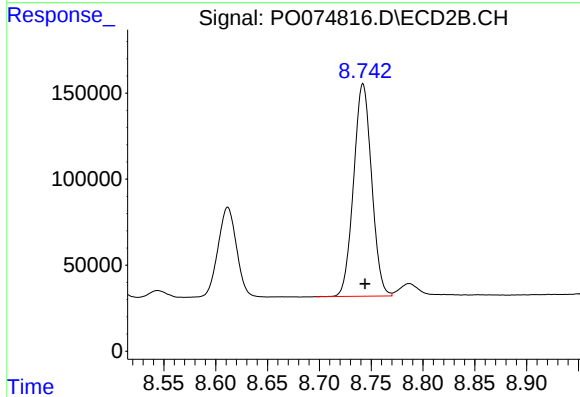
R.T.: 8.454 min
Delta R.T.: -0.004 min
Response: 58189
Conc: 7.00 ng/ml



#44 AR-1268-4

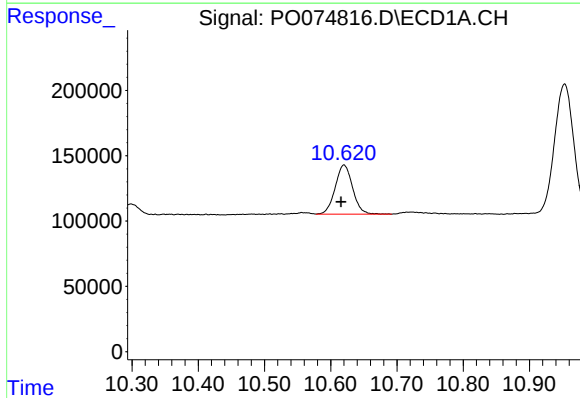
R.T.: 10.209 min
Delta R.T.: 0.005 min
Response: 2970566
Conc: 507.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



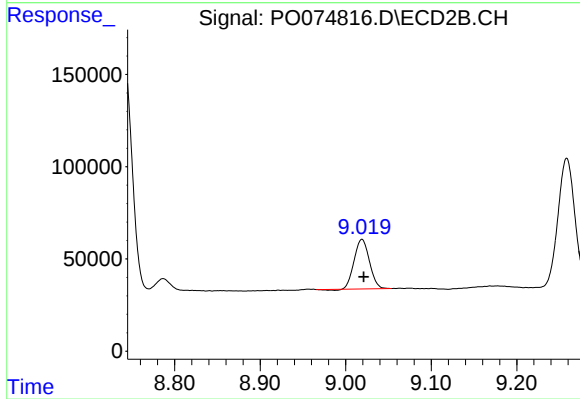
#44 AR-1268-4

R.T.: 8.742 min
Delta R.T.: -0.002 min
Response: 1493573
Conc: 430.53 ng/ml



#45 AR-1268-5

R.T.: 10.620 min
Delta R.T.: 0.005 min
Response: 687631
Conc: 16.46 ng/ml



#45 AR-1268-5

R.T.: 9.019 min
Delta R.T.: -0.002 min
Response: 331177
Conc: 13.99 ng/ml