

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102721\
 Data File : PO082236.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Oct 2021 14:26
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 02:25:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 19 04:37:47 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...	4.979	3.973	4073580	1510096	50.414	51.182
2)	SA Decachlor...	11.100	9.298	2929026	1328067	52.700	52.142
Target Compounds							
3)	L1 AR-1016-1	6.313	0.000	29320	0	11.584	N.D. #
4)	L1 AR-1016-2	6.339	0.000	32037	0	8.867	N.D. #
6)	L1 AR-1016-4	0.000	5.499	0	347325	N.D.	478.094 #
7)	L1 AR-1016-5	6.830	5.727	388502	203838	227.658	228.756
8)	L2 AR-1221-1	5.219f	0.000	21160	0	24.485	N.D. #
9)	L2 AR-1221-2	5.334	4.324	51683	19244	80.426	68.714
10)	L2 AR-1221-3	0.000	4.420	0	17140	N.D.	20.328 #
11)	L3 AR-1232-1	0.000	4.420	0	17140	N.D.	26.042 #
13)	L3 AR-1232-3	6.339	0.000	32037	0	21.680	N.D. #
14)	L3 AR-1232-4	0.000	5.542	0	94462	N.D.	269.177 #
15)	L3 AR-1232-5	6.610	5.727	706118	203838	1391.619	536.802 #
16)	L4 AR-1242-1	6.313	0.000	29320	0	15.445	N.D. #
17)	L4 AR-1242-2	6.339	0.000	32037	0	11.937	N.D. #
19)	L4 AR-1242-4	0.000	5.542	0	94462	N.D.	140.721 #
20)	L4 AR-1242-5	7.304	6.109	357367	874496	280.975	1017.748 #
21)	L5 AR-1248-1	6.313	0.000	29320	0	19.702	N.D. #
22)	L5 AR-1248-2	6.610	5.499	706118	347325	363.135	361.185
23)	L5 AR-1248-3	6.830	5.542	388502	94462	178.845	95.849 #
24)	L5 AR-1248-4	7.261	5.727	580758	203838	246.157	177.334 #
25)	L5 AR-1248-5	7.304	6.152	357367	107483	160.363	98.933 #
26)	L6 AR-1254-1	7.230	6.109	1267060	874496	529.068	525.110
27)	L6 AR-1254-2	7.462	6.269	1883776	777951	516.434	521.070
28)	L6 AR-1254-3	7.846	6.691	1892687	1169734	523.012	522.367
29)	L6 AR-1254-4	8.145	6.932	1391739	795700	516.458	541.769
30)	L6 AR-1254-5	8.576	7.362	1515526	1069227	520.358	519.217
31)	L7 AR-1260-1	8.015	6.830	790243	619405	279.995	374.183 #
32)	L7 AR-1260-2	8.283	7.027	864985	546545	260.011	272.478
33)	L7 AR-1260-3	8.638	7.180	191537	494640	84.978	261.101 #
34)	L7 AR-1260-4	8.875	7.667	580915	53503	219.433	39.035 #
35)	L7 AR-1260-5	9.218	7.916	200503	103793	36.598	31.412
36)	L8 AR-1262-1	8.638	7.362	191537	1069227	55.993	969.289 #
37)	L8 AR-1262-2	9.218	7.916	200503	103793	31.930	29.053
38)	L8 AR-1262-3	9.560f	0.000	177361	0	64.490	N.D. #
39)	L8 AR-1262-4	9.608f	8.264	53921	128194	32.204	48.166 #
41)	L9 AR-1268-1	9.560f	0.000	177361	0	23.743	N.D. #
42)	L9 AR-1268-2	9.608f	8.264	53921	128194	7.970	33.747 #
43)	L9 AR-1268-3	9.893f	0.000	8516	0	1.442	N.D. #
45)	L9 AR-1268-5	10.749	0.000	4476	0	0.223	N.D. #

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Misc :
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
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Response via : Initial Calibration
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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
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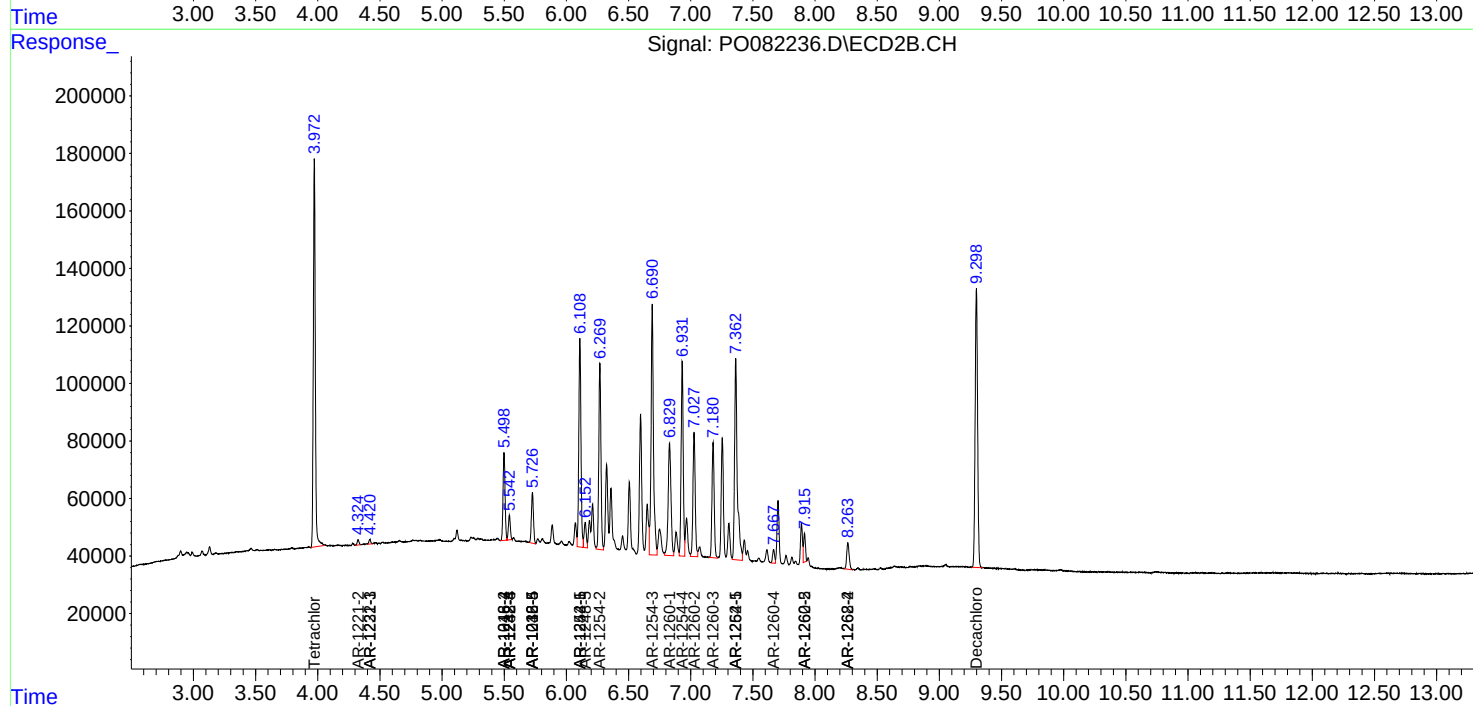
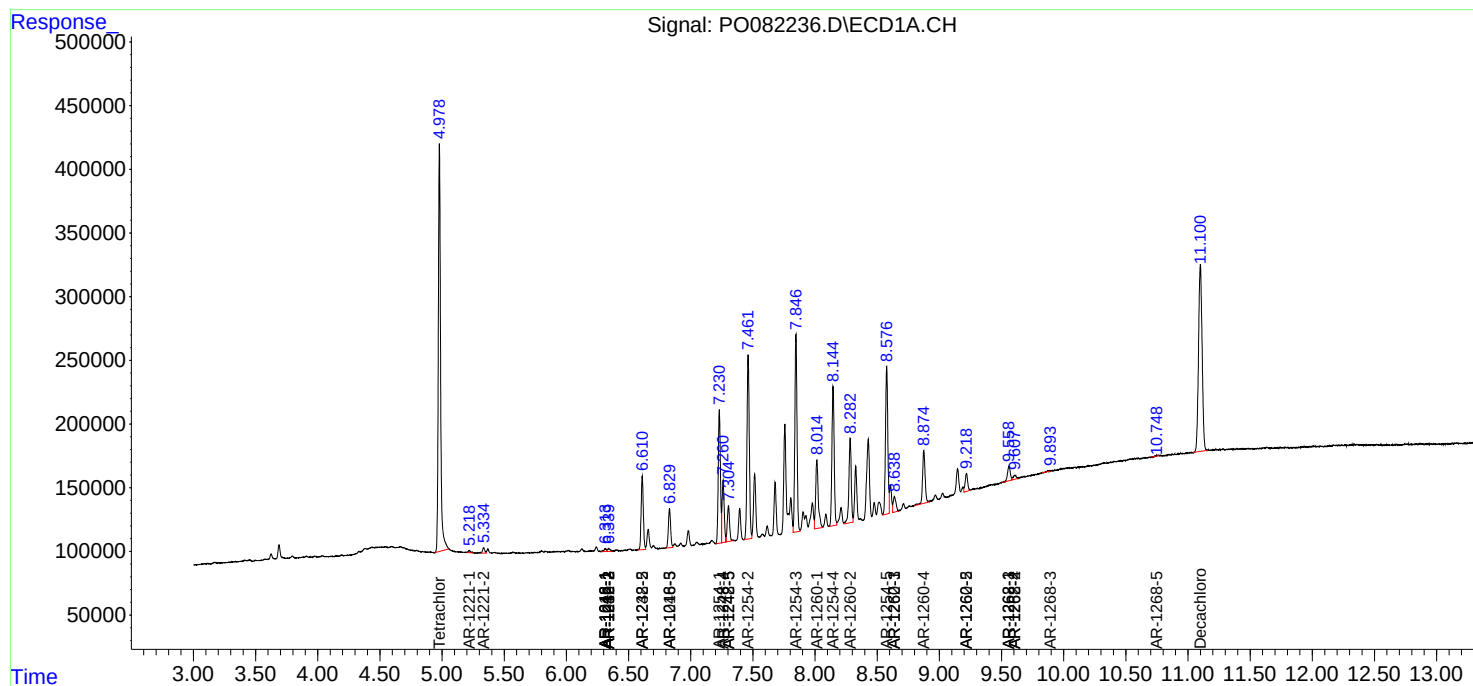
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

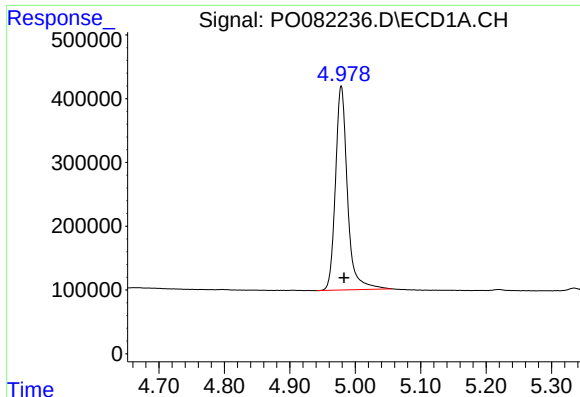
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102721\
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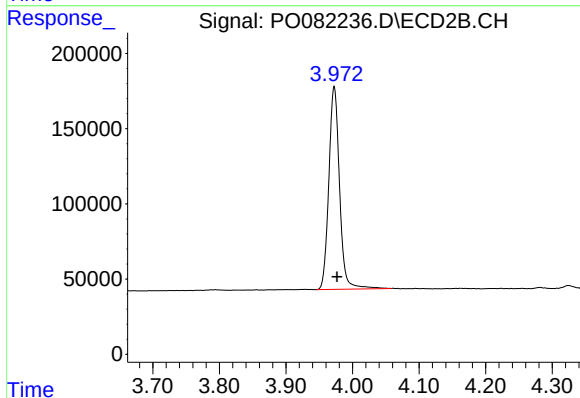




#1 Tetrachloro-m-xylene

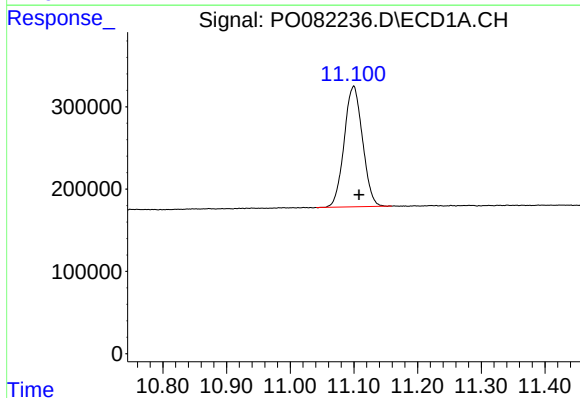
R.T.: 4.979 min
Delta R.T.: -0.004 min
Response: 4073580
Conc: 50.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



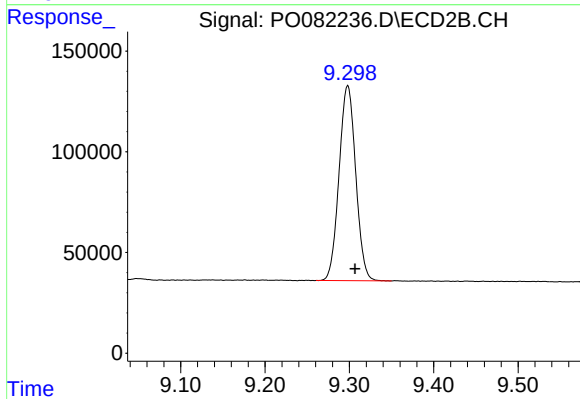
#1 Tetrachloro-m-xylene

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 1510096
Conc: 51.18 ng/ml



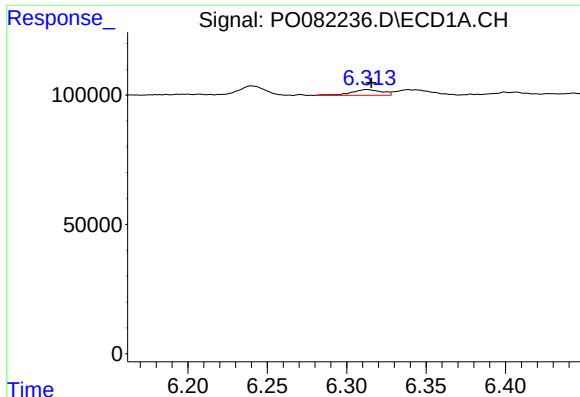
#2 Decachlorobiphenyl

R.T.: 11.100 min
Delta R.T.: -0.008 min
Response: 2929026
Conc: 52.70 ng/ml



#2 Decachlorobiphenyl

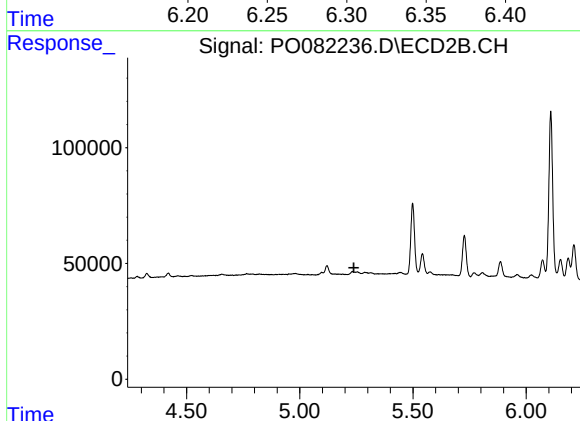
R.T.: 9.298 min
Delta R.T.: -0.009 min
Response: 1328067
Conc: 52.14 ng/ml



#3 AR-1016-1

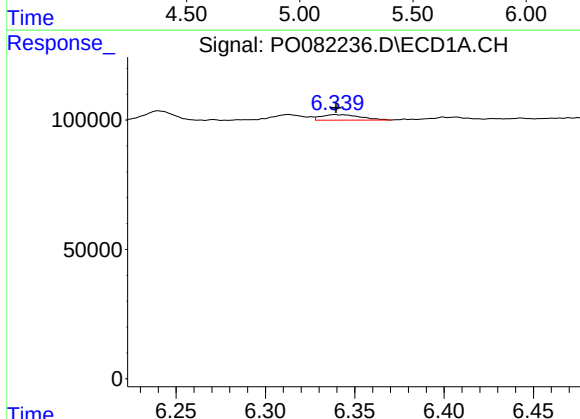
R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 29320
Conc: 11.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



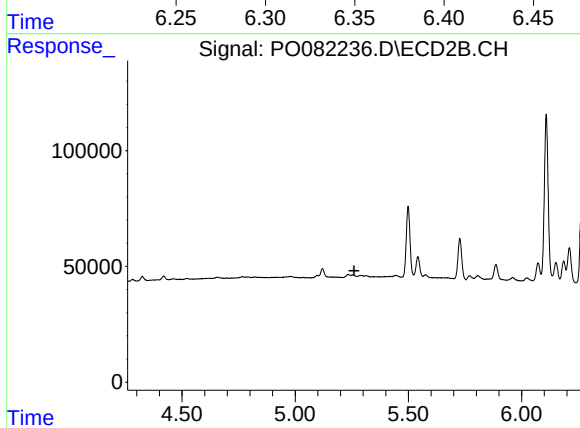
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.239 min
Response: 0
Conc: N.D.



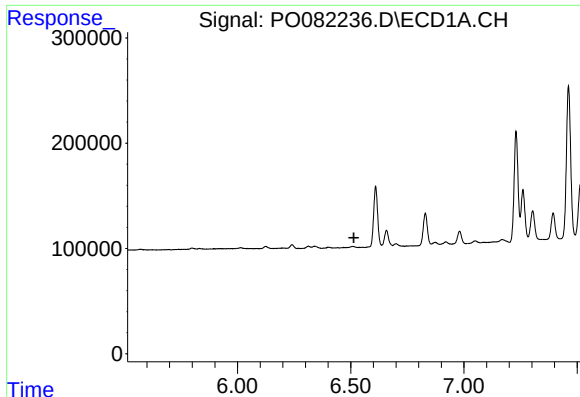
#4 AR-1016-2

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 32037
Conc: 8.87 ng/ml



#4 AR-1016-2

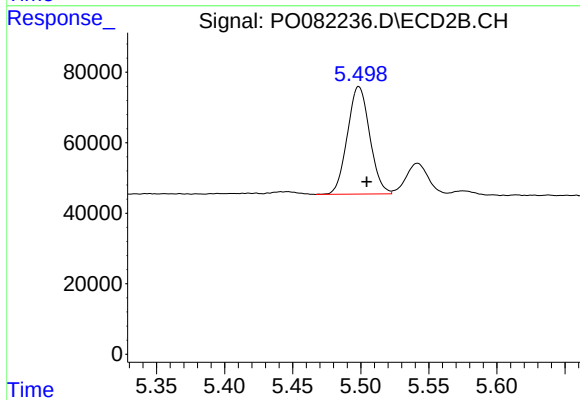
R.T.: 0.000 min
Exp R.T. : 5.259 min
Response: 0
Conc: N.D.



#6 AR-1016-4

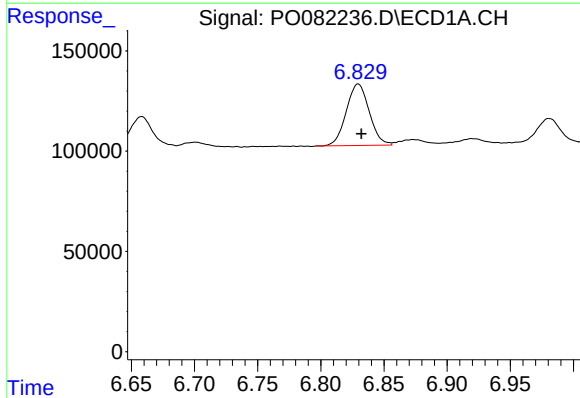
R.T.: 0.000 min
Exp R.T.: 6.514 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



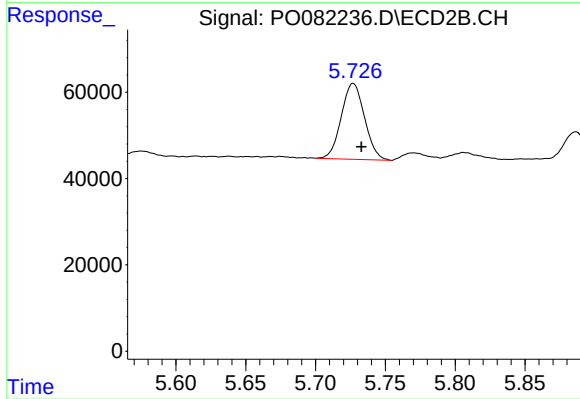
#6 AR-1016-4

R.T.: 5.499 min
Delta R.T.: -0.006 min
Response: 347325
Conc: 478.09 ng/ml



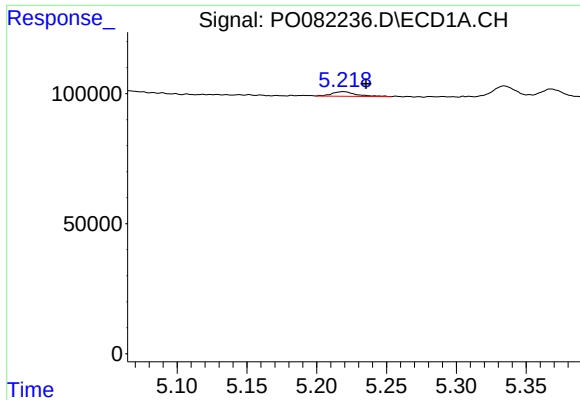
#7 AR-1016-5

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 388502
Conc: 227.66 ng/ml



#7 AR-1016-5

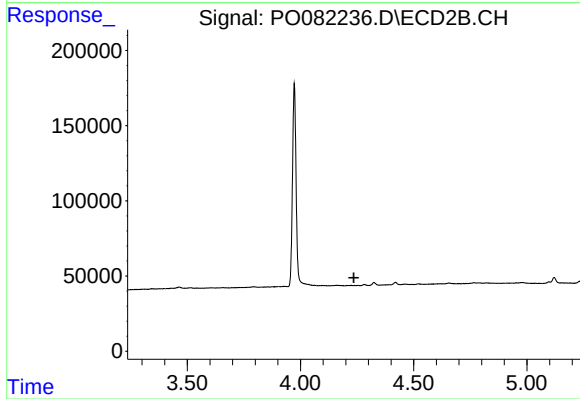
R.T.: 5.727 min
Delta R.T.: -0.006 min
Response: 203838
Conc: 228.76 ng/ml



#8 AR-1221-1

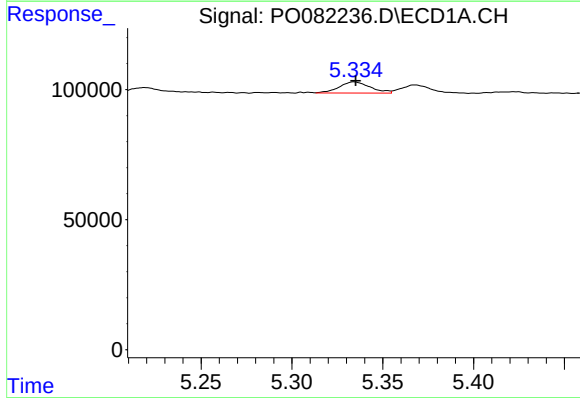
R.T.: 5.219 min
Delta R.T.: -0.016 min
Response: 21160
Conc: 24.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



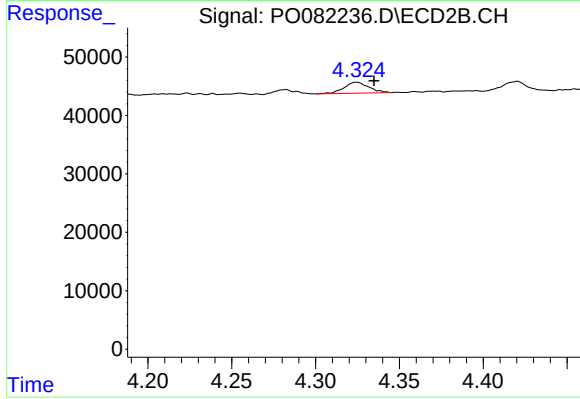
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.236 min
Response: 0
Conc: N.D.



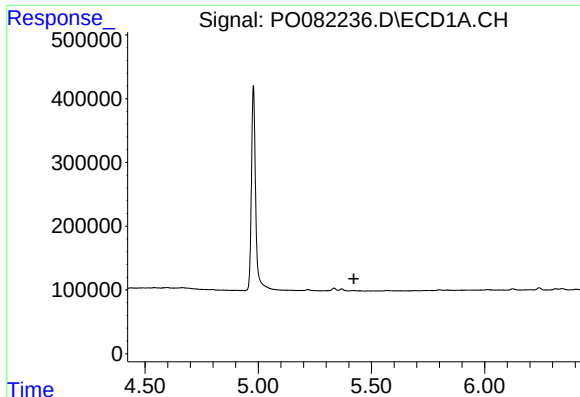
#9 AR-1221-2

R.T.: 5.334 min
Delta R.T.: 0.000 min
Response: 51683
Conc: 80.43 ng/ml



#9 AR-1221-2

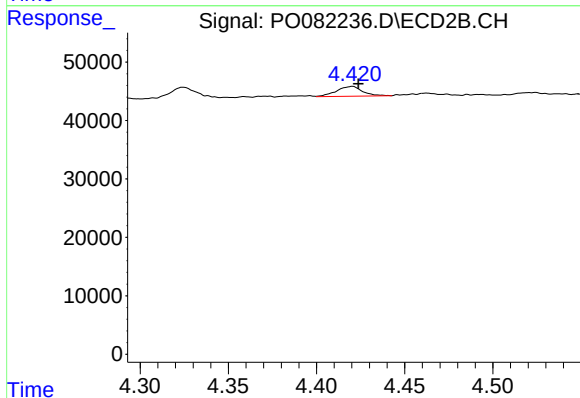
R.T.: 4.324 min
Delta R.T.: -0.010 min
Response: 19244
Conc: 68.71 ng/ml



#10 AR-1221-3

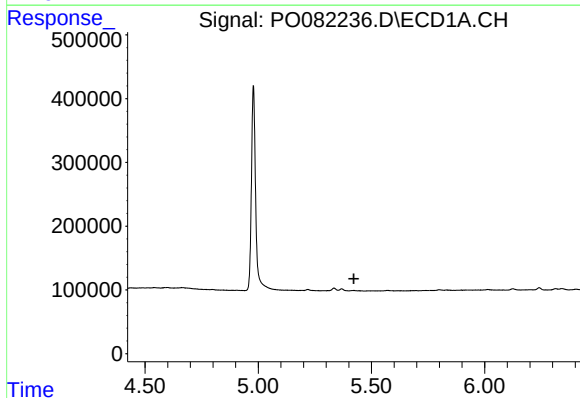
R.T.: 0.000 min
Exp R.T.: 5.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



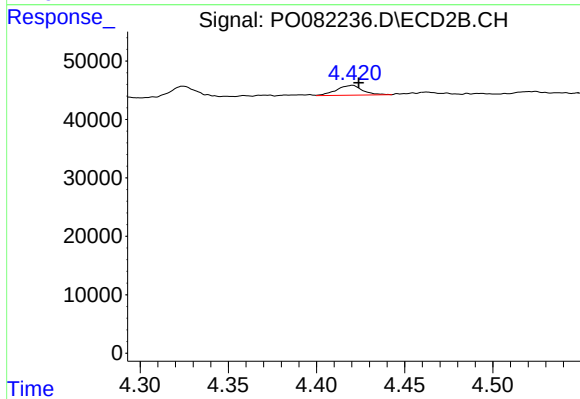
#10 AR-1221-3

R.T.: 4.420 min
Delta R.T.: -0.003 min
Response: 17140
Conc: 20.33 ng/ml



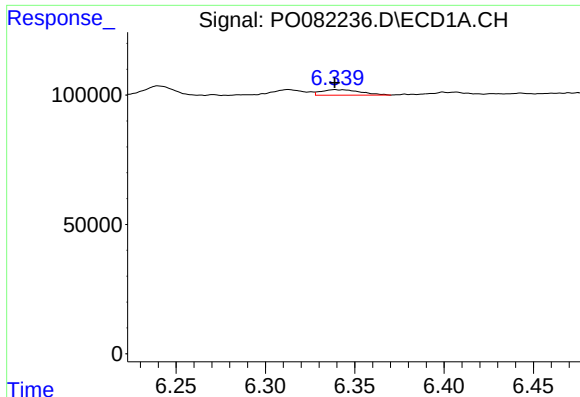
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.422 min
Response: 0
Conc: N.D.



#11 AR-1232-1

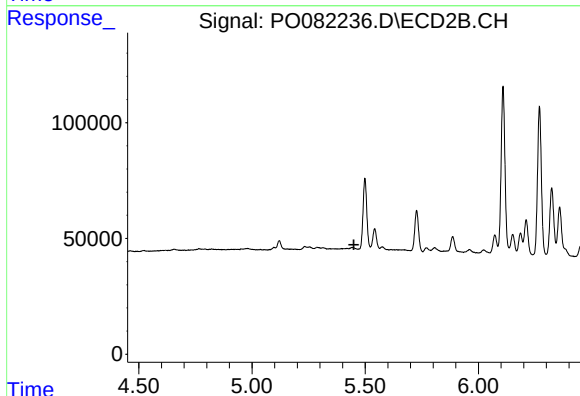
R.T.: 4.420 min
Delta R.T.: -0.003 min
Response: 17140
Conc: 26.04 ng/ml



#13 AR-1232-3

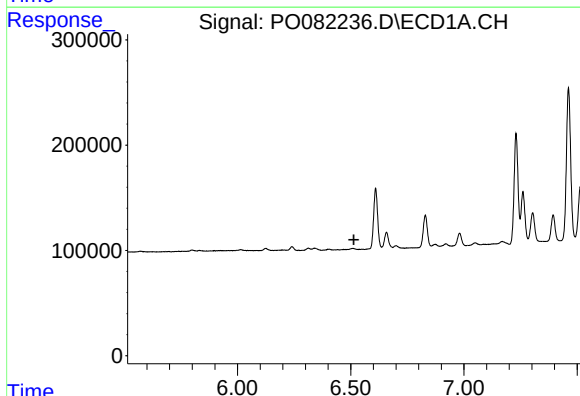
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 32037
Conc: 21.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



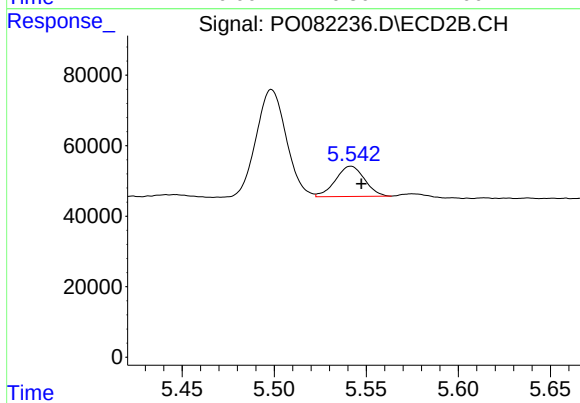
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.450 min
Response: 0
Conc: N.D.



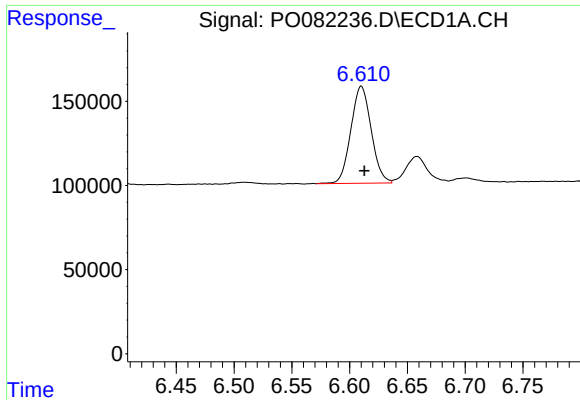
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.514 min
Response: 0
Conc: N.D.



#14 AR-1232-4

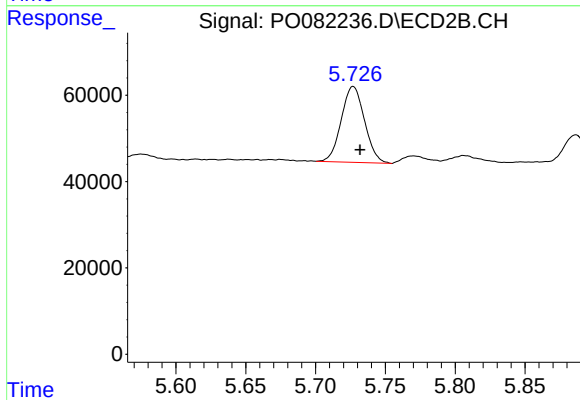
R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 94462
Conc: 269.18 ng/ml



#15 AR-1232-5

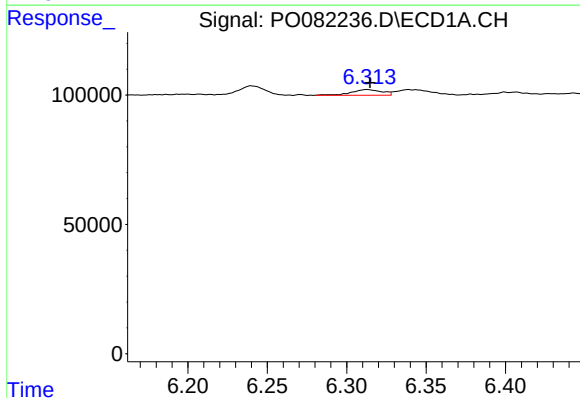
R.T.: 6.610 min
Delta R.T.: -0.003 min
Response: 706118
Conc: 1391.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



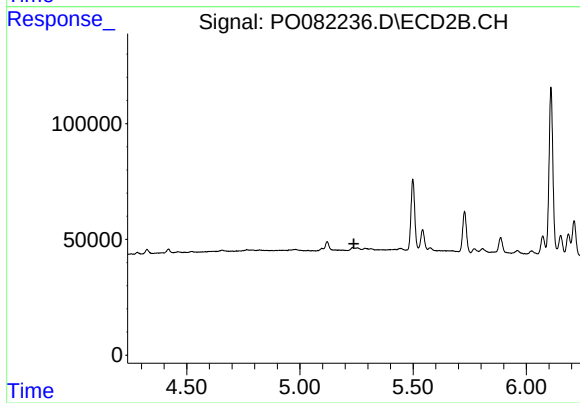
#15 AR-1232-5

R.T.: 5.727 min
Delta R.T.: -0.005 min
Response: 203838
Conc: 536.80 ng/ml



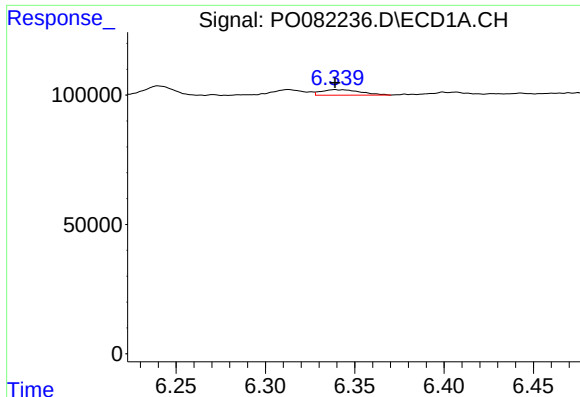
#16 AR-1242-1

R.T.: 6.313 min
Delta R.T.: -0.002 min
Response: 29320
Conc: 15.45 ng/ml



#16 AR-1242-1

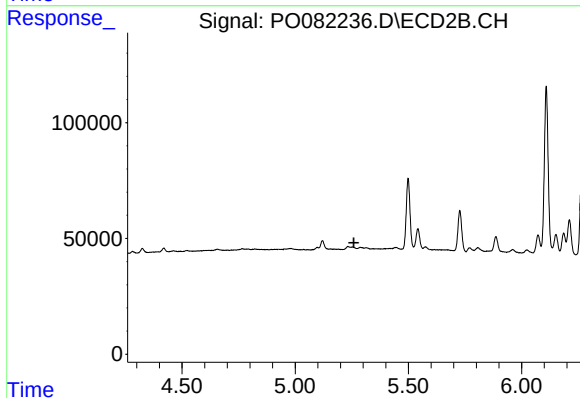
R.T.: 0.000 min
Exp R.T. : 5.238 min
Response: 0
Conc: N.D.



#17 AR-1242-2

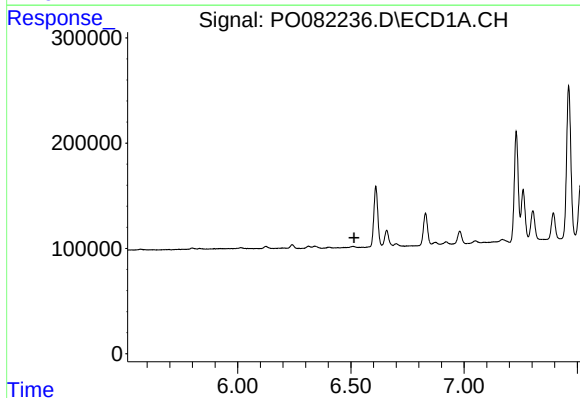
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 32037
Conc: 11.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



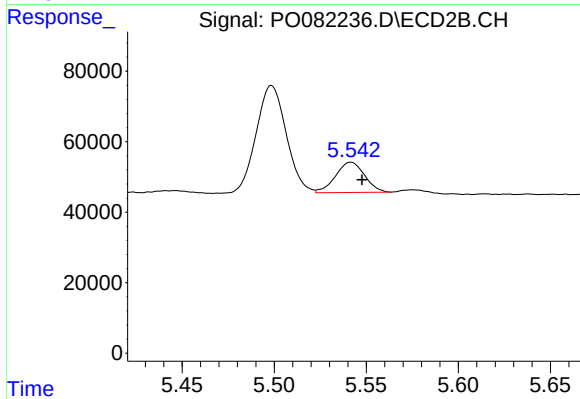
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.259 min
Response: 0
Conc: N.D.



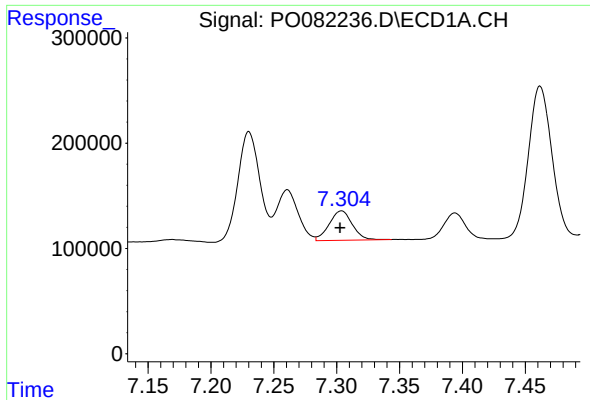
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.514 min
Response: 0
Conc: N.D.



#19 AR-1242-4

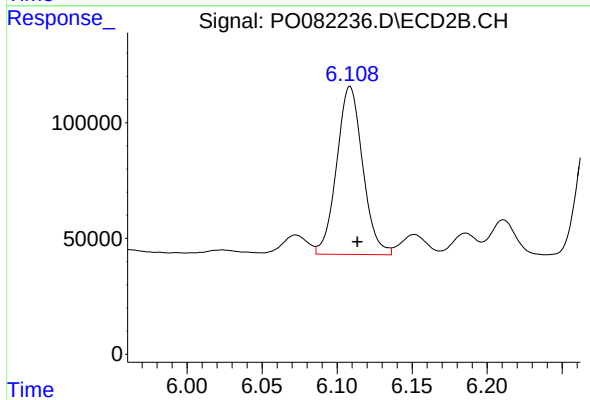
R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 94462
Conc: 140.72 ng/ml



#20 AR-1242-5

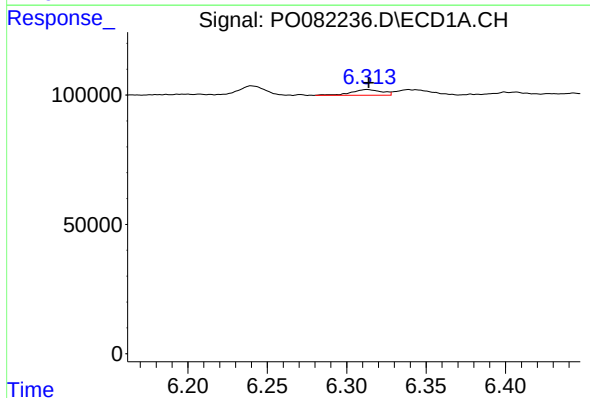
R.T.: 7.304 min
Delta R.T.: 0.001 min
Response: 357367
Conc: 280.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



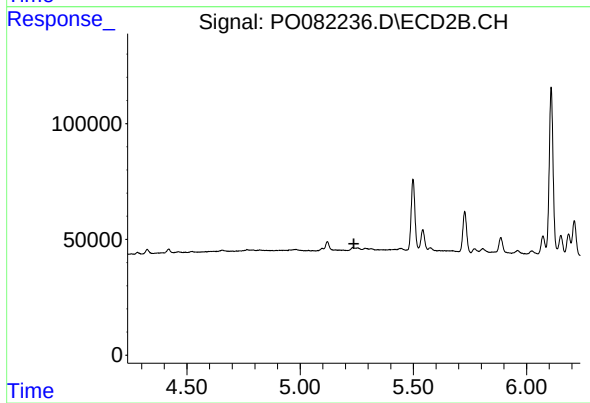
#20 AR-1242-5

R.T.: 6.109 min
Delta R.T.: -0.005 min
Response: 874496
Conc: 1017.75 ng/ml



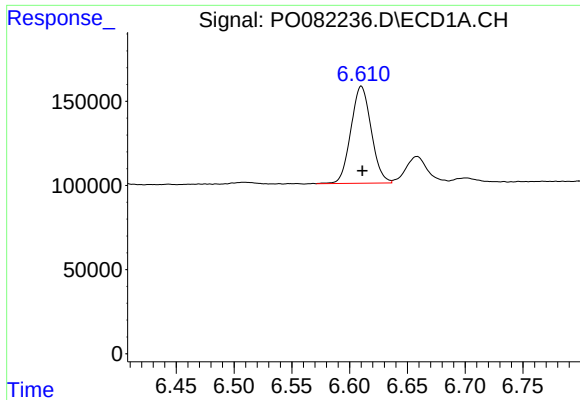
#21 AR-1248-1

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 29320
Conc: 19.70 ng/ml



#21 AR-1248-1

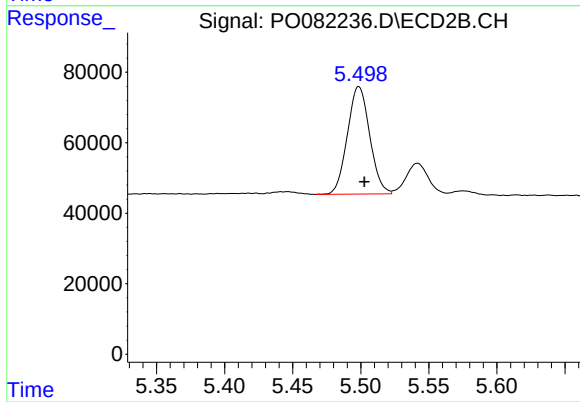
R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.



#22 AR-1248-2

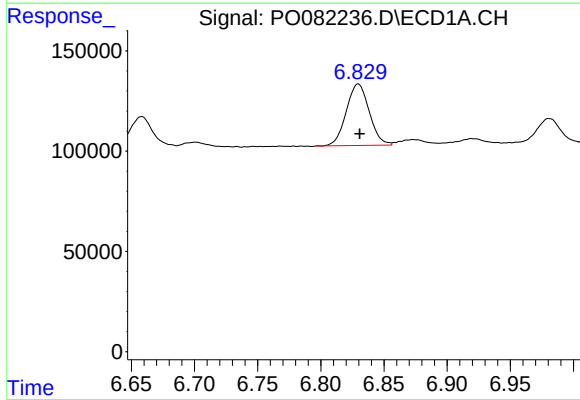
R.T.: 6.610 min
Delta R.T.: -0.001 min
Response: 706118
Conc: 363.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



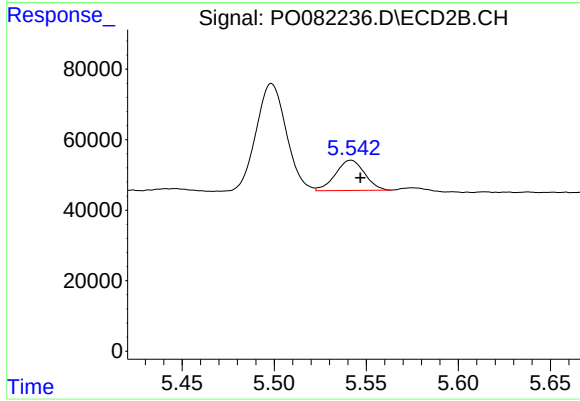
#22 AR-1248-2

R.T.: 5.499 min
Delta R.T.: -0.004 min
Response: 347325
Conc: 361.18 ng/ml



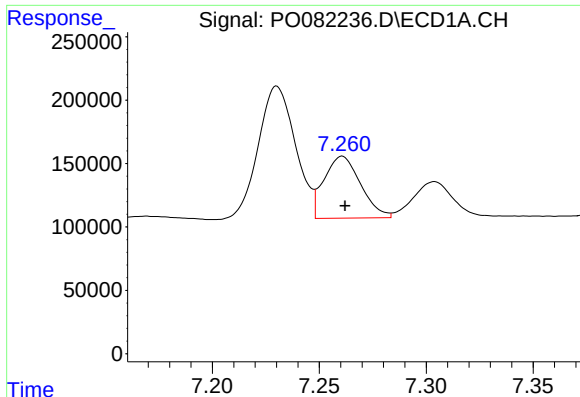
#23 AR-1248-3

R.T.: 6.830 min
Delta R.T.: -0.001 min
Response: 388502
Conc: 178.84 ng/ml



#23 AR-1248-3

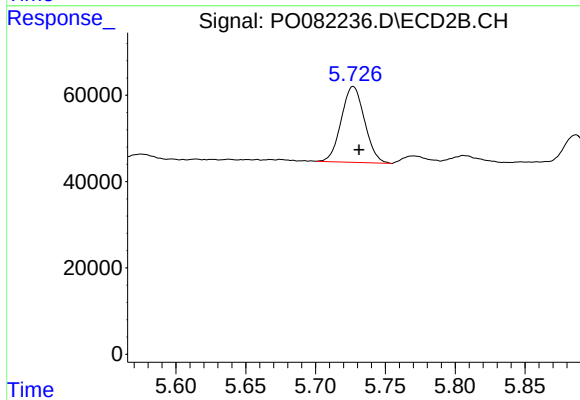
R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 94462
Conc: 95.85 ng/ml



#24 AR-1248-4

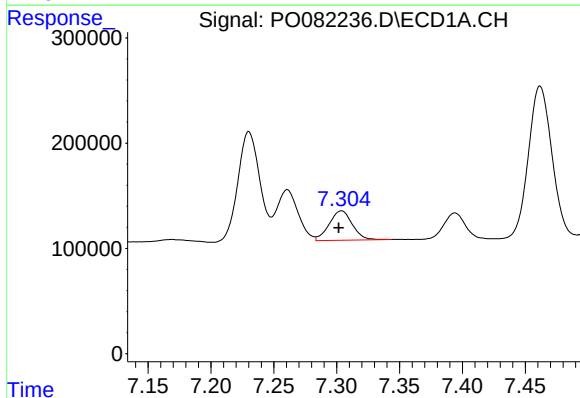
R.T.: 7.261 min
Delta R.T.: -0.001 min
Response: 580758
Conc: 246.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



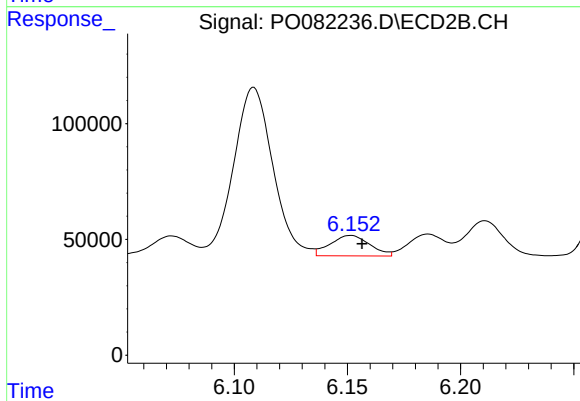
#24 AR-1248-4

R.T.: 5.727 min
Delta R.T.: -0.004 min
Response: 203838
Conc: 177.33 ng/ml



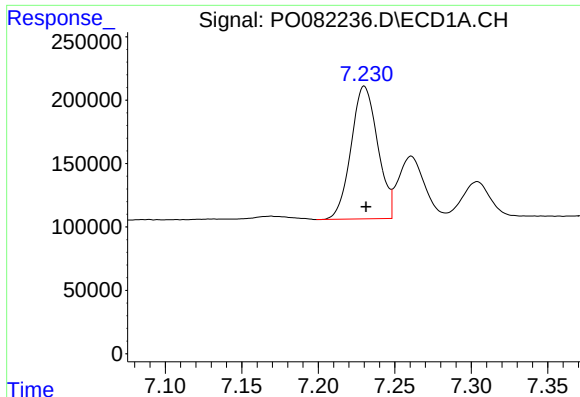
#25 AR-1248-5

R.T.: 7.304 min
Delta R.T.: 0.002 min
Response: 357367
Conc: 160.36 ng/ml



#25 AR-1248-5

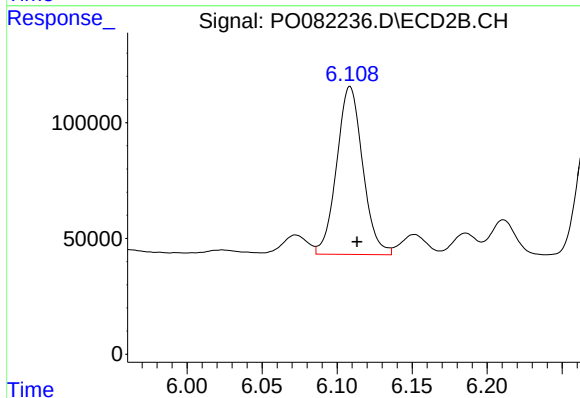
R.T.: 6.152 min
Delta R.T.: -0.005 min
Response: 107483
Conc: 98.93 ng/ml



#26 AR-1254-1

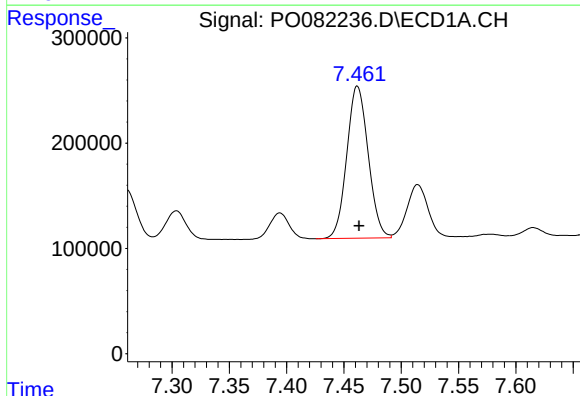
R.T.: 7.230 min
Delta R.T.: -0.001 min
Response: 1267060
Conc: 529.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



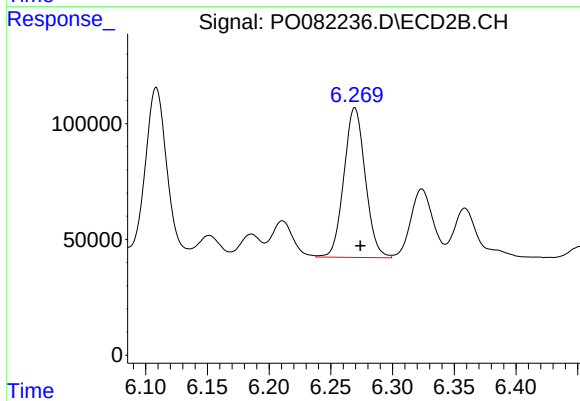
#26 AR-1254-1

R.T.: 6.109 min
Delta R.T.: -0.005 min
Response: 874496
Conc: 525.11 ng/ml



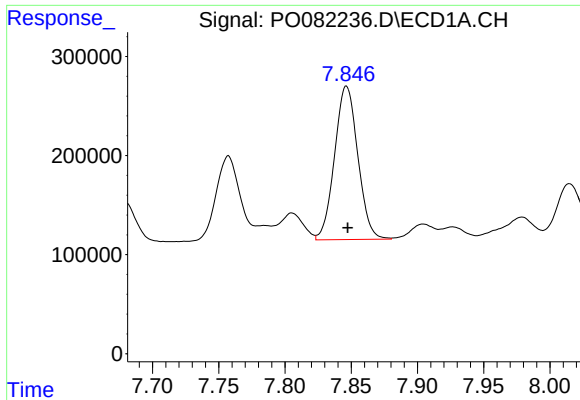
#27 AR-1254-2

R.T.: 7.462 min
Delta R.T.: -0.001 min
Response: 1883776
Conc: 516.43 ng/ml



#27 AR-1254-2

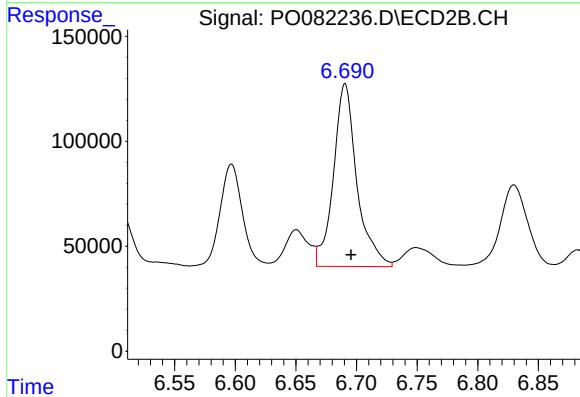
R.T.: 6.269 min
Delta R.T.: -0.005 min
Response: 777951
Conc: 521.07 ng/ml



#28 AR-1254-3

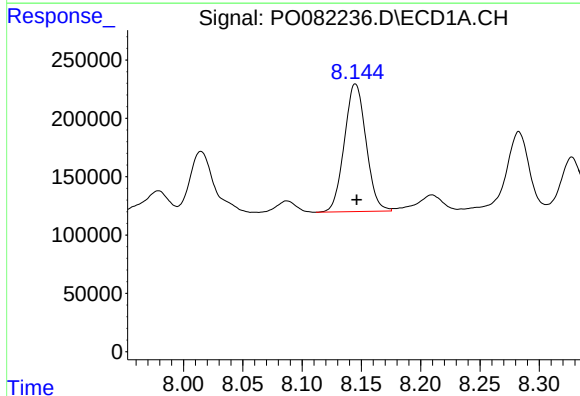
R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 1892687
Conc: 523.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



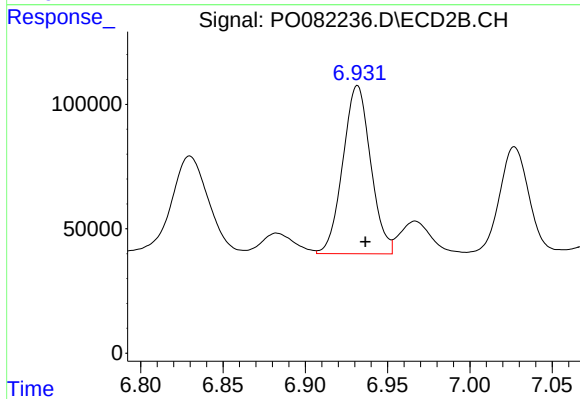
#28 AR-1254-3

R.T.: 6.691 min
Delta R.T.: -0.005 min
Response: 1169734
Conc: 522.37 ng/ml



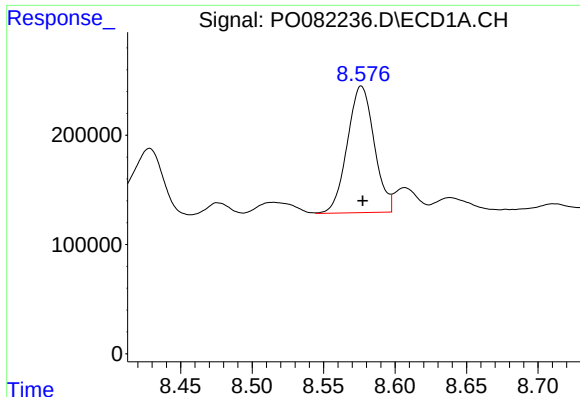
#29 AR-1254-4

R.T.: 8.145 min
Delta R.T.: -0.001 min
Response: 1391739
Conc: 516.46 ng/ml



#29 AR-1254-4

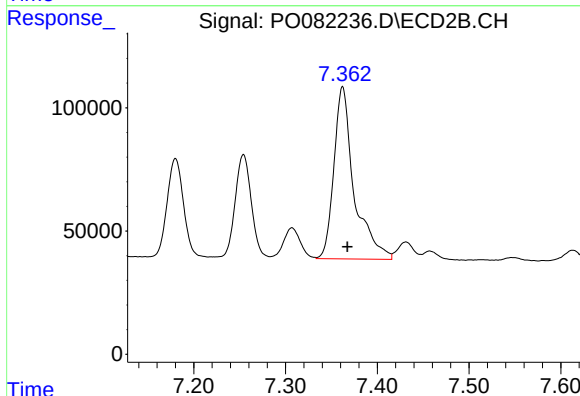
R.T.: 6.932 min
Delta R.T.: -0.005 min
Response: 795700
Conc: 541.77 ng/ml



#30 AR-1254-5

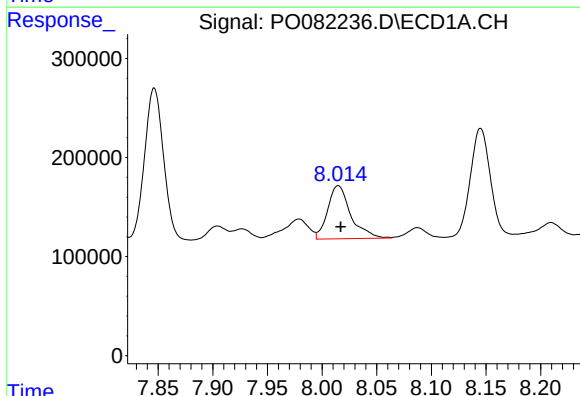
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 1515526
Conc: 520.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



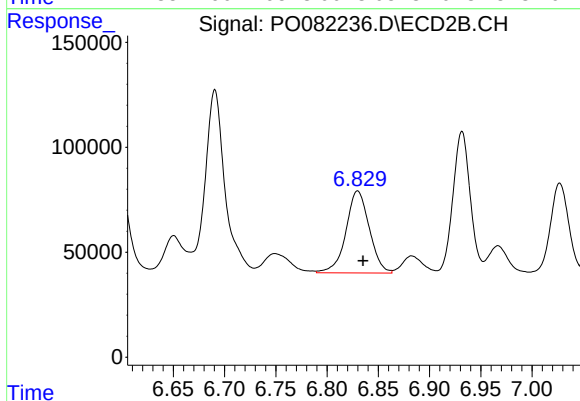
#30 AR-1254-5

R.T.: 7.362 min
Delta R.T.: -0.005 min
Response: 1069227
Conc: 519.22 ng/ml



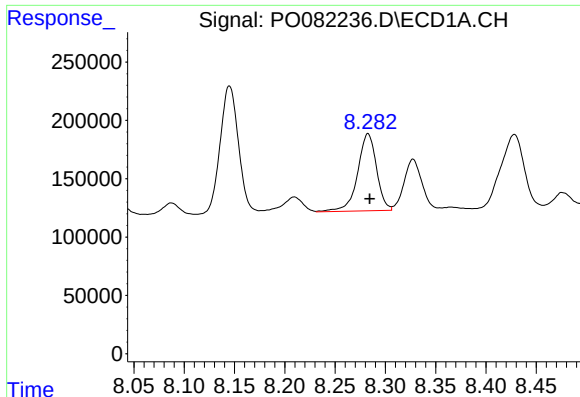
#31 AR-1260-1

R.T.: 8.015 min
Delta R.T.: -0.002 min
Response: 790243
Conc: 279.99 ng/ml



#31 AR-1260-1

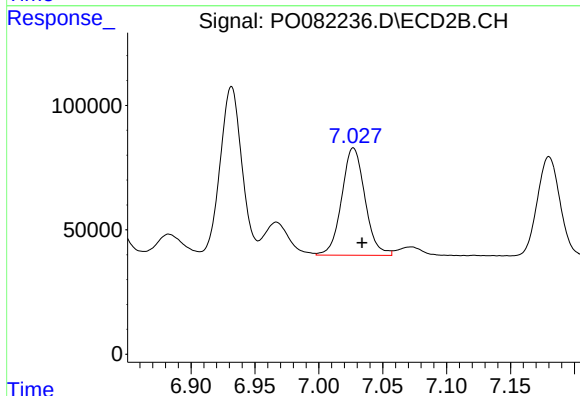
R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 619405
Conc: 374.18 ng/ml



#32 AR-1260-2

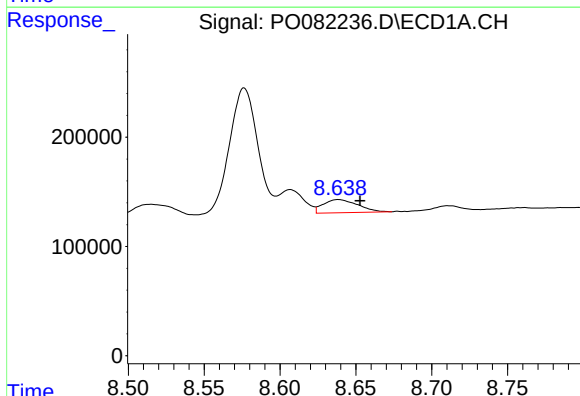
R.T.: 8.283 min
Delta R.T.: -0.002 min
Response: 864985
Conc: 260.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



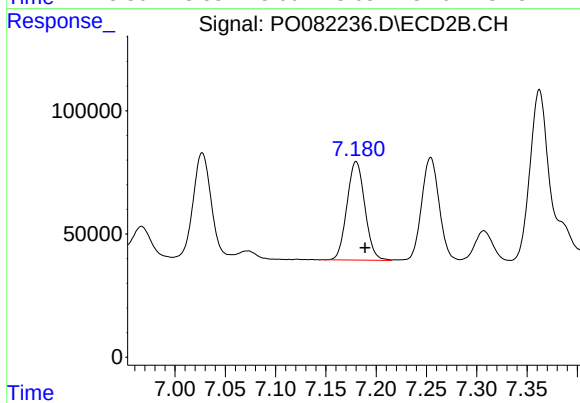
#32 AR-1260-2

R.T.: 7.027 min
Delta R.T.: -0.007 min
Response: 546545
Conc: 272.48 ng/ml



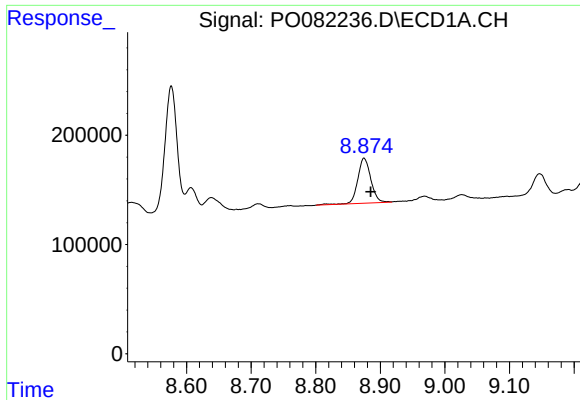
#33 AR-1260-3

R.T.: 8.638 min
Delta R.T.: -0.014 min
Response: 191537
Conc: 84.98 ng/ml



#33 AR-1260-3

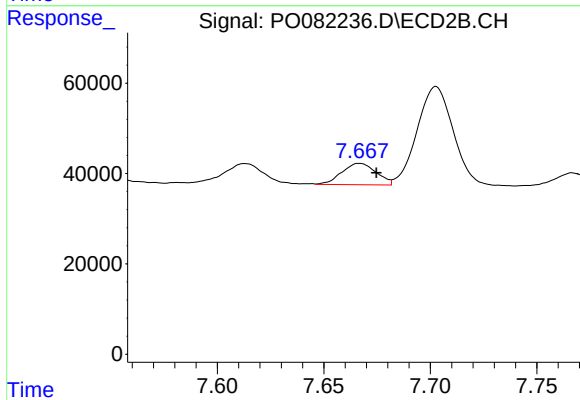
R.T.: 7.180 min
Delta R.T.: -0.009 min
Response: 494640
Conc: 261.10 ng/ml



#34 AR-1260-4

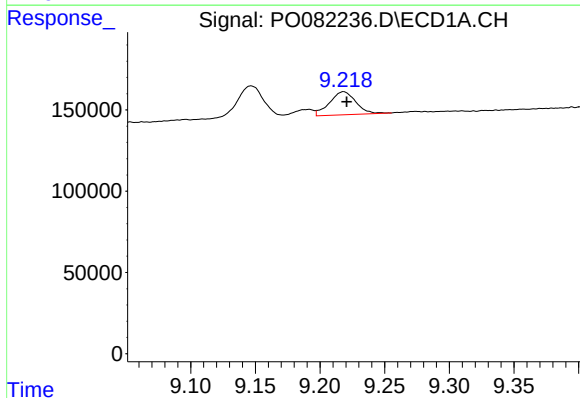
R.T.: 8.875 min
Delta R.T.: -0.010 min
Response: 580915
Conc: 219.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



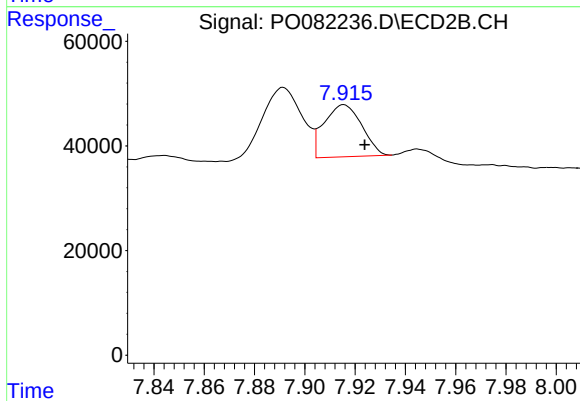
#34 AR-1260-4

R.T.: 7.667 min
Delta R.T.: -0.008 min
Response: 53503
Conc: 39.03 ng/ml



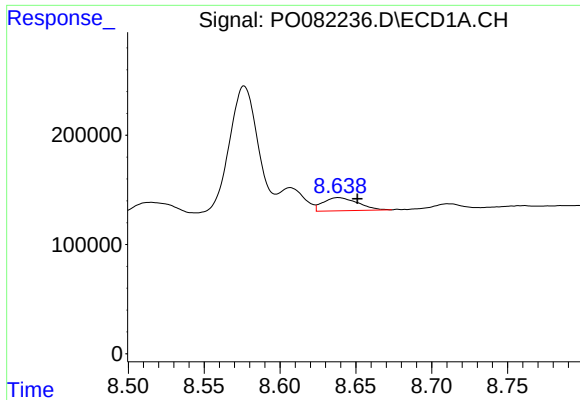
#35 AR-1260-5

R.T.: 9.218 min
Delta R.T.: -0.002 min
Response: 200503
Conc: 36.60 ng/ml



#35 AR-1260-5

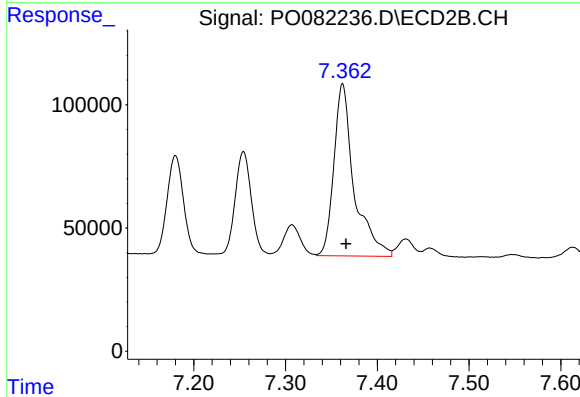
R.T.: 7.916 min
Delta R.T.: -0.008 min
Response: 103793
Conc: 31.41 ng/ml



#36 AR-1262-1

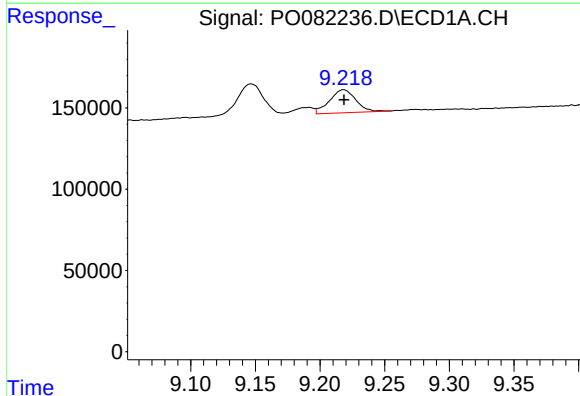
R.T.: 8.638 min
Delta R.T.: -0.013 min
Response: 191537
Conc: 55.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



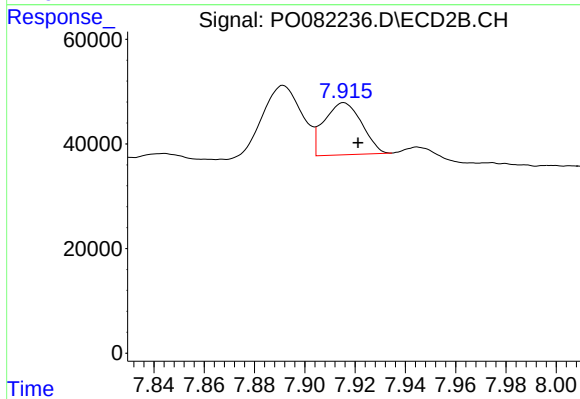
#36 AR-1262-1

R.T.: 7.362 min
Delta R.T.: -0.004 min
Response: 1069227
Conc: 969.29 ng/ml



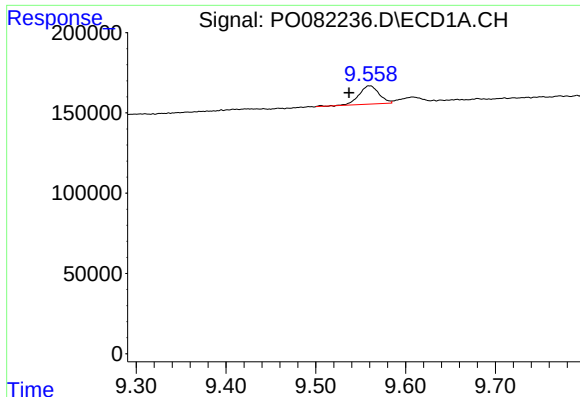
#37 AR-1262-2

R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 200503
Conc: 31.93 ng/ml



#37 AR-1262-2

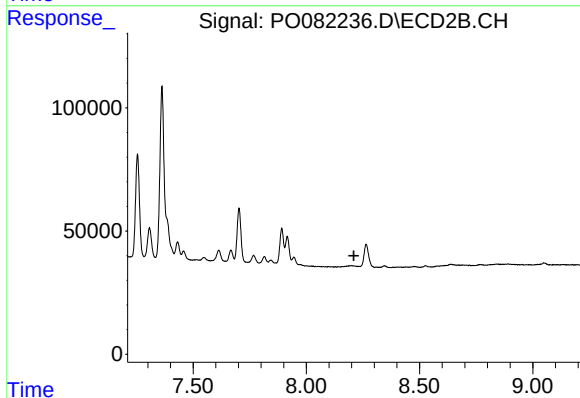
R.T.: 7.916 min
Delta R.T.: -0.006 min
Response: 103793
Conc: 29.05 ng/ml



#38 AR-1262-3

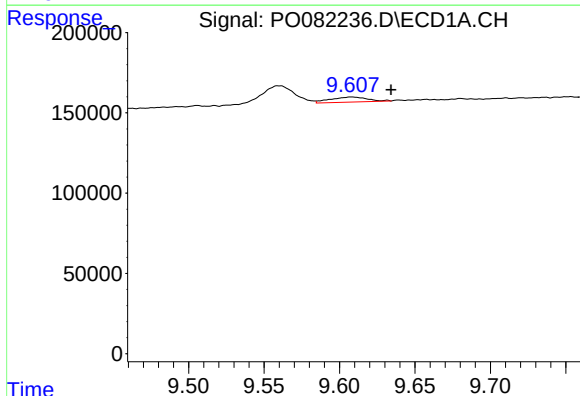
R.T.: 9.560 min
Delta R.T.: 0.023 min
Response: 177361
Conc: 64.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



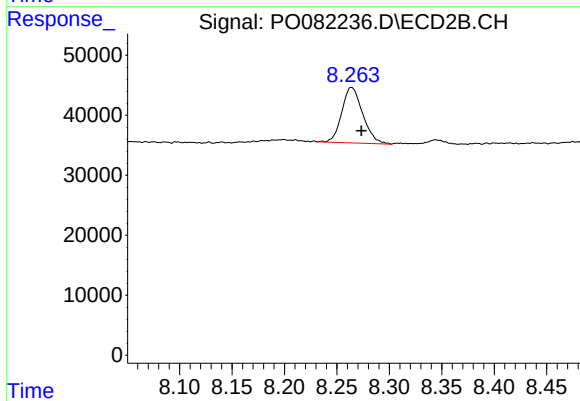
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.210 min
Response: 0
Conc: N.D.



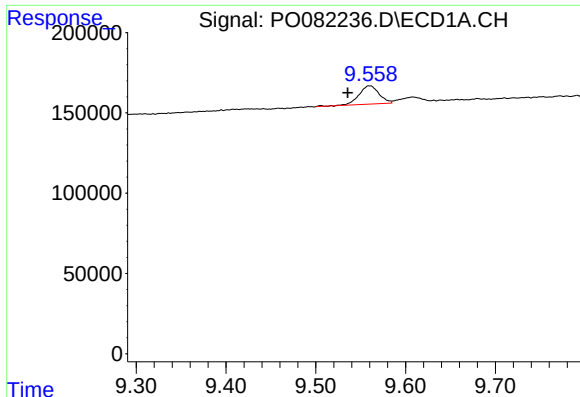
#39 AR-1262-4

R.T.: 9.608 min
Delta R.T.: -0.026 min
Response: 53921
Conc: 32.20 ng/ml



#39 AR-1262-4

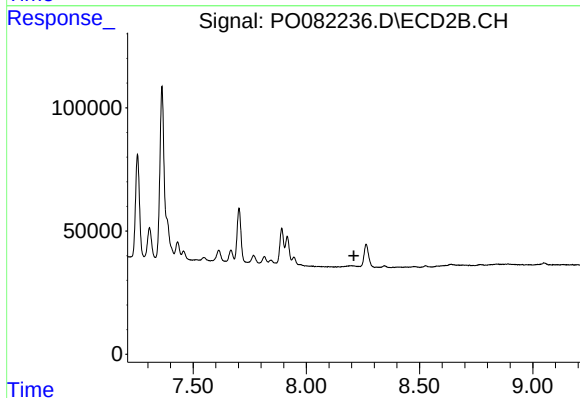
R.T.: 8.264 min
Delta R.T.: -0.010 min
Response: 128194
Conc: 48.17 ng/ml



#41 AR-1268-1

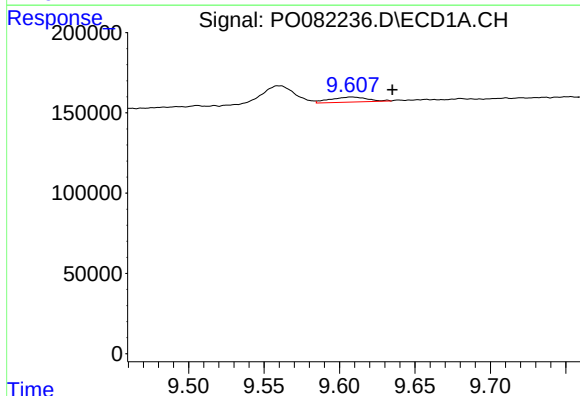
R.T.: 9.560 min
Delta R.T.: 0.025 min
Response: 177361
Conc: 23.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



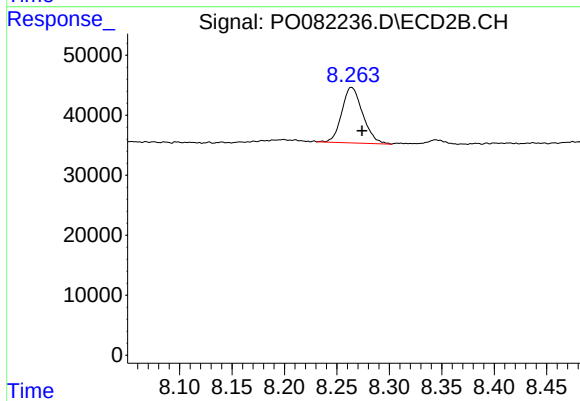
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.210 min
Response: 0
Conc: N.D.



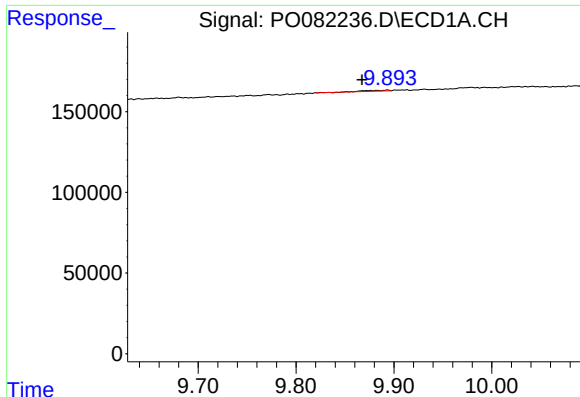
#42 AR-1268-2

R.T.: 9.608 min
Delta R.T.: -0.027 min
Response: 53921
Conc: 7.97 ng/ml



#42 AR-1268-2

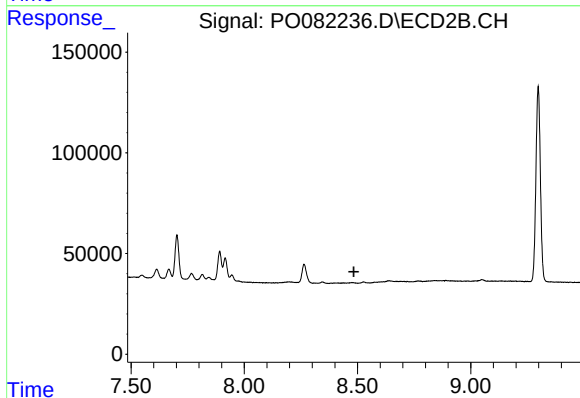
R.T.: 8.264 min
Delta R.T.: -0.010 min
Response: 128194
Conc: 33.75 ng/ml



#43 AR-1268-3

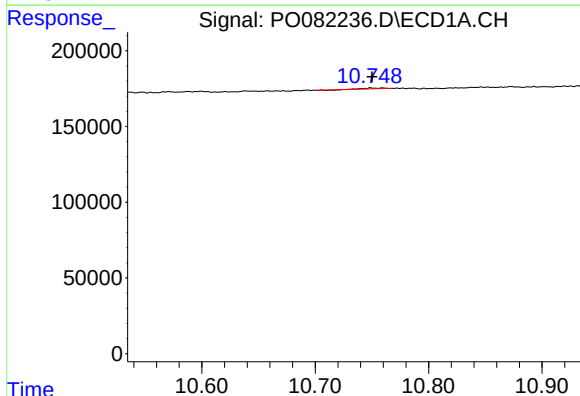
R.T.: 9.893 min
Delta R.T.: 0.026 min
Response: 8516
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



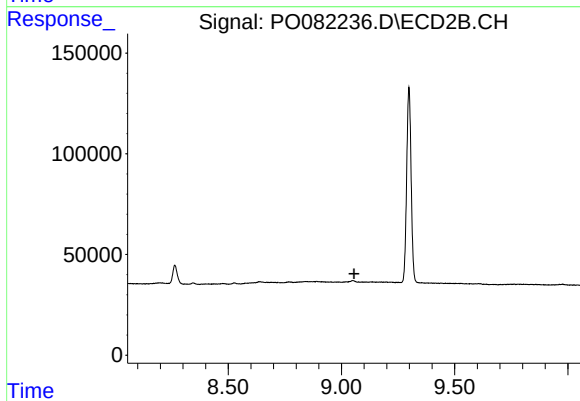
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.484 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.749 min
Delta R.T.: 0.000 min
Response: 4476
Conc: 0.22 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.055 min
Response: 0
Conc: N.D.