

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101818\
 Data File : PO050227.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2018 1:09
 Operator : SM/SJ
 Sample : PB113788BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 02:16:34 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 19 02:02:26 2018
 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...	4.354	3.358	5869453	3969900	19.670	20.193
2)	SA Decachlor...	10.085	8.114	3983977	3792219	18.360	19.840
Target Compounds							
3)	L1 AR-1016-1	5.529	4.379	541869	367091	45.934	47.497
4)	L1 AR-1016-2	5.551	4.395	803082	598126	45.396	44.347
5)	L1 AR-1016-3	5.613	4.559	471395	276618	43.981	42.119
6)	L1 AR-1016-4	5.713	4.601	374663	206691	42.383	39.019
7)	L1 AR-1016-5	6.009	4.801	373133	295702	43.736	42.699
9)	L2 AR-1221-2	0.000	3.638	0	93247	N.D.	58.172 #
10)	L2 AR-1221-3	4.729	3.714	390426	222657	49.819	42.439
11)	L3 AR-1232-1	4.729	3.714	390426	222657	66.213	57.611
12)	L3 AR-1232-2	5.260	4.395	362332	598126	111.762	121.878
13)	L3 AR-1232-3	5.551	4.559	803082	276618	127.489	120.223
14)	L3 AR-1232-4	5.713	4.641	374663	228002	120.820	111.269
15)	L3 AR-1232-5	5.803	4.801	350970	295702	154.025	134.271
16)	L4 AR-1242-1	5.529	4.379	541869	367091	71.811	75.141
17)	L4 AR-1242-2	5.551	4.395	803082	598126	71.275	68.552
18)	L4 AR-1242-3	5.613	4.559	471395	276618	69.049	64.121
19)	L4 AR-1242-4	5.713	4.641	374663	228002	68.315	52.189
20)	L4 AR-1242-5	6.388	5.135	353955	232885	58.414	41.744 #
21)	L5 AR-1248-1	5.529	4.379	541869	367091	85.468	84.516
22)	L5 AR-1248-2	5.803	4.601	350970	206691	38.462	31.338
23)	L5 AR-1248-3	6.009	4.641	373133	228002	36.149	34.307
24)	L5 AR-1248-4	6.388	4.801	353955	295702	31.470	36.213
25)	L5 AR-1248-5	6.388	5.135	353955	232885	31.953	29.451
26)	L6 AR-1254-1	6.388	5.135	353955	232885	27.056	16.064 #
27)	L6 AR-1254-2	6.607	5.278	302052	252218	14.815	19.851 #
28)	L6 AR-1254-3	7.036	5.677	386139	614355	17.885	29.984 #
29)	L6 AR-1254-4	0.000	5.913	0	152596	N.D.	13.104 #
30)	L6 AR-1254-5	7.687	6.284	1143299	992334	73.274	56.810
31)	L7 AR-1260-1	7.143	5.787	680781	761467	39.969	50.263 #
32)	L7 AR-1260-2	7.403	5.970	806082	873980	40.762	47.245
33)	L7 AR-1260-3	7.764	6.115	592713	796889	41.407	46.561
34)	L7 AR-1260-4	7.991	6.570	692473	1200344	42.766	88.536 #
35)	L7 AR-1260-5	8.310	6.810	1122744	1539299	36.956	50.373 #
36)	L8 AR-1262-1	7.764	6.323	592713	657804	37.998	41.635
37)	L8 AR-1262-2	8.310	6.810	1122744	1539299	45.019	60.114 #
38)	L8 AR-1262-3	8.630	7.146	747713	947645	45.047	92.731 #
39)	L8 AR-1262-4	8.687	7.146	432637	947645	33.436	50.512 #
40)	L8 AR-1262-5	9.351	7.631	258576	264938	32.152	33.734
41)	L9 AR-1268-1	8.630	7.146	747713	947645	22.501	28.119
42)	L9 AR-1268-2	8.687	7.146	432637	947645	14.110	30.259 #

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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
44)	L9 AR-1268-4	9.351	7.631	258576	264938	26.230	27.158
45)	L9 AR-1268-5	0.000	7.897	0	125288	N.D.	1.653 #

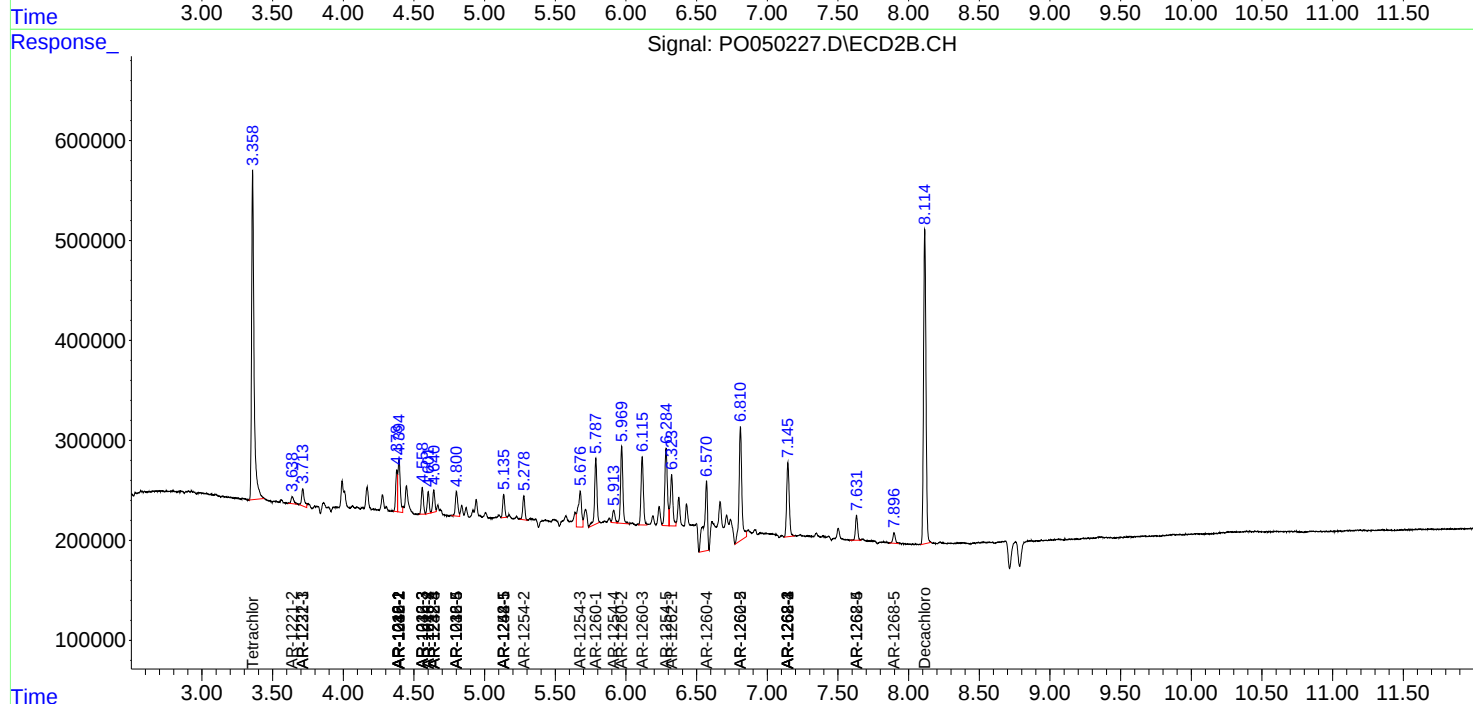
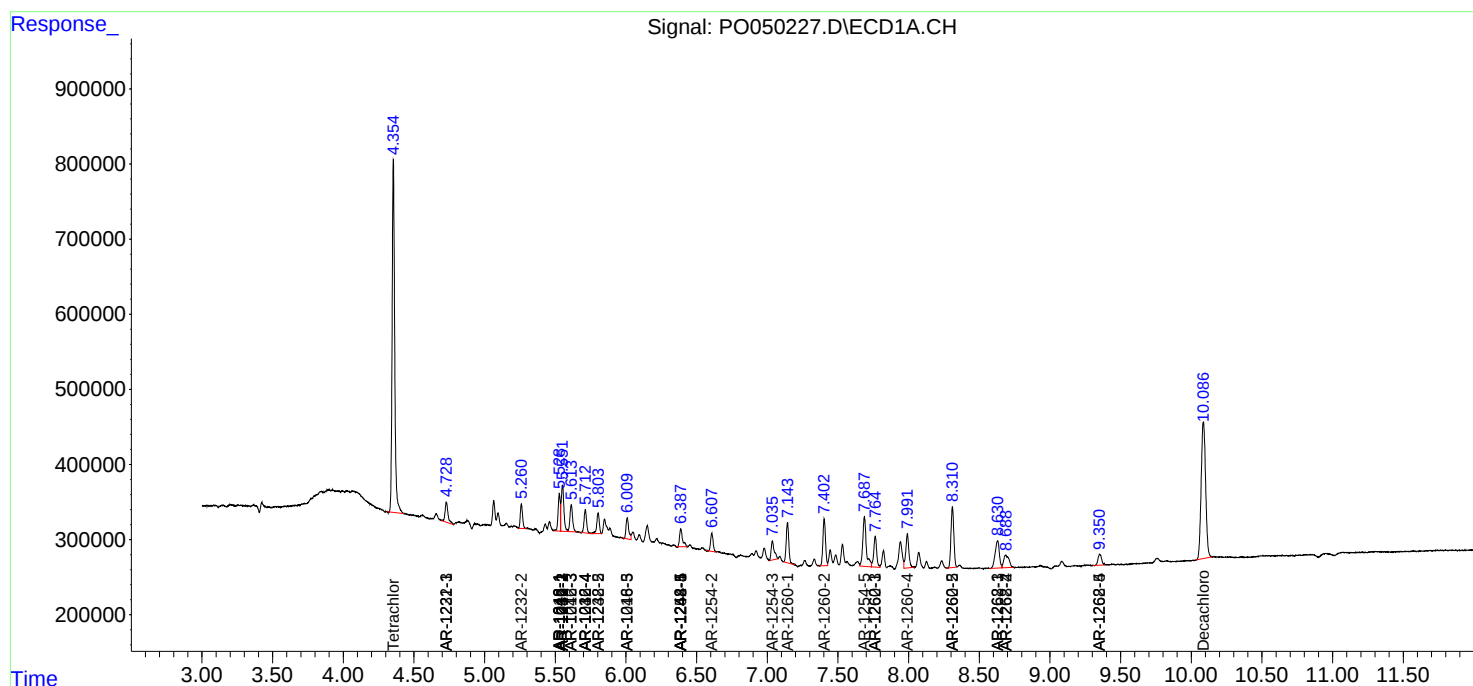
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

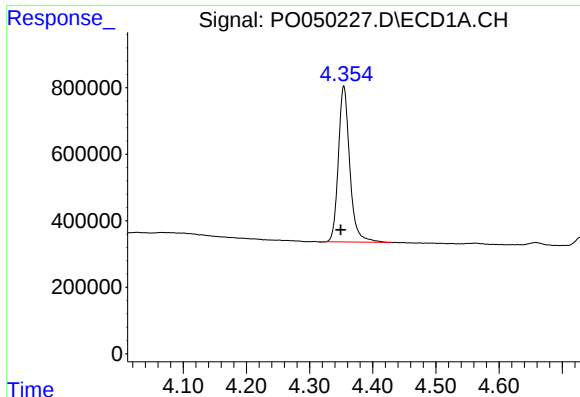
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

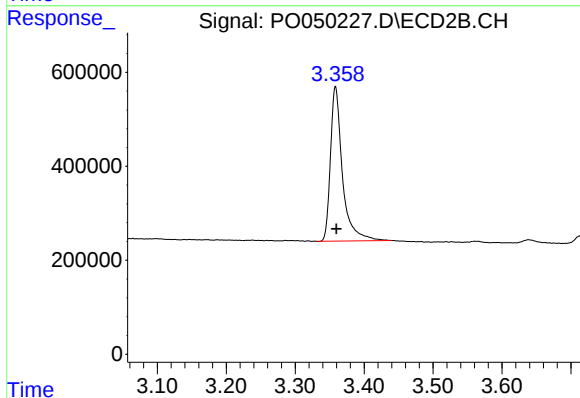




#1 Tetrachloro-m-xylene

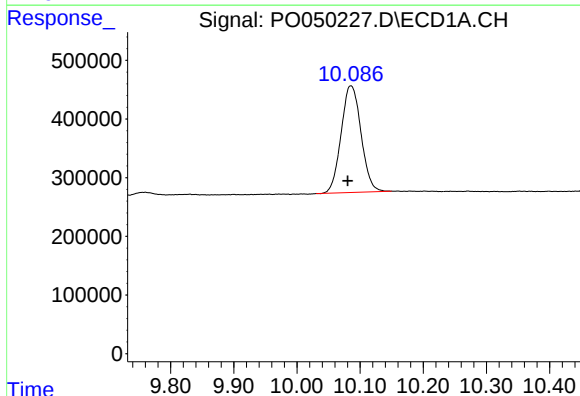
R.T.: 4.354 min
Delta R.T.: 0.005 min
Response: 5869453
Conc: 19.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



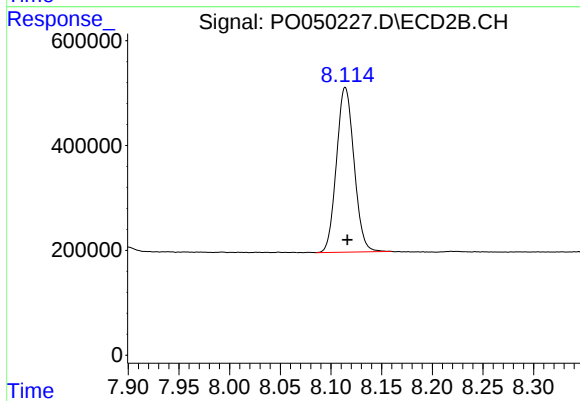
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.001 min
Response: 3969900
Conc: 20.19 ng/ml



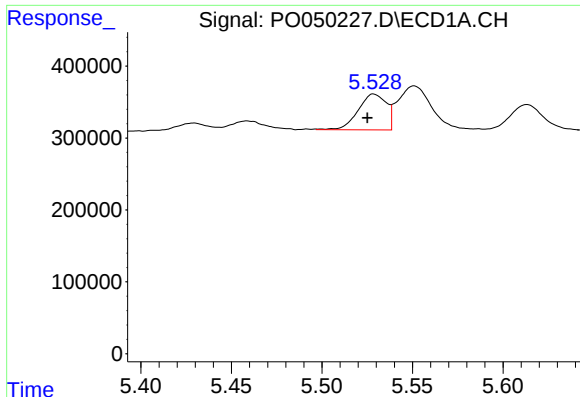
#2 Decachlorobiphenyl

R.T.: 10.085 min
Delta R.T.: 0.005 min
Response: 3983977
Conc: 18.36 ng/ml



#2 Decachlorobiphenyl

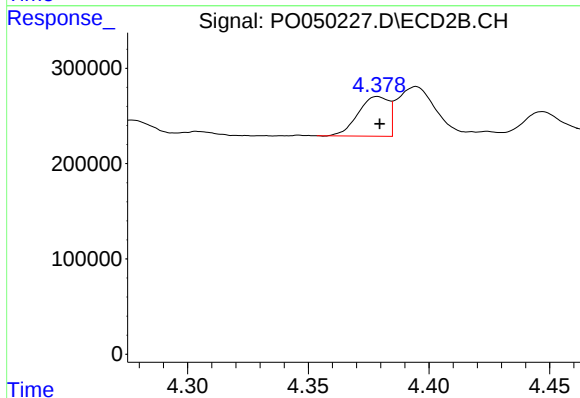
R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 3792219
Conc: 19.84 ng/ml



#3 AR-1016-1

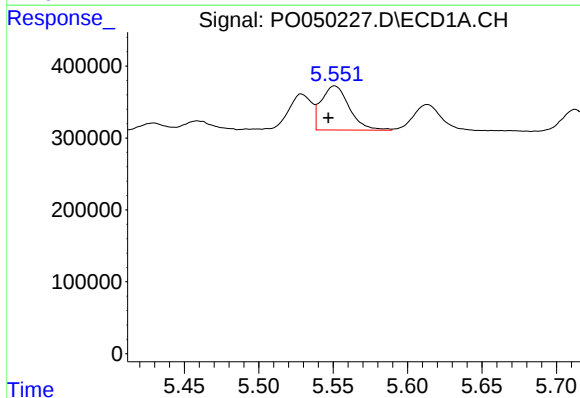
R.T.: 5.529 min
Delta R.T.: 0.004 min
Response: 541869
Conc: 45.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



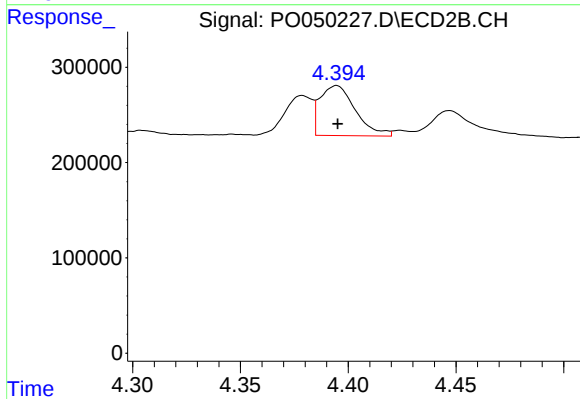
#3 AR-1016-1

R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 367091
Conc: 47.50 ng/ml



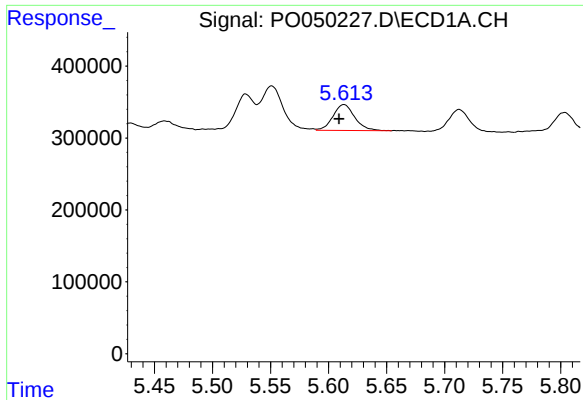
#4 AR-1016-2

R.T.: 5.551 min
Delta R.T.: 0.004 min
Response: 803082
Conc: 45.40 ng/ml



#4 AR-1016-2

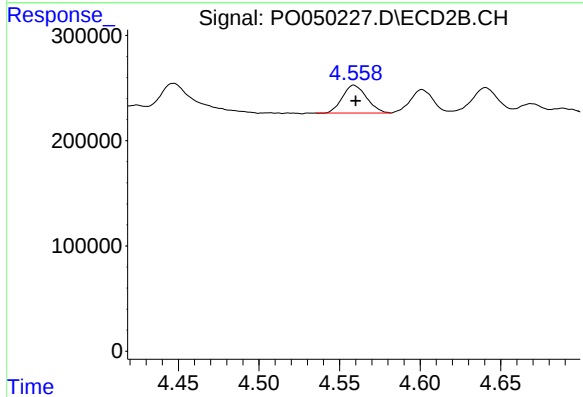
R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 598126
Conc: 44.35 ng/ml



#5 AR-1016-3

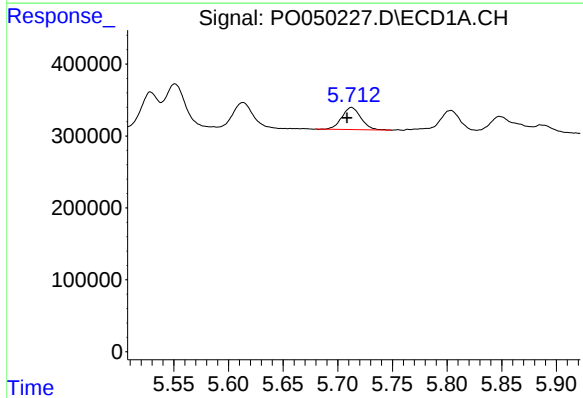
R.T.: 5.613 min
Delta R.T.: 0.004 min
Response: 471395
Conc: 43.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



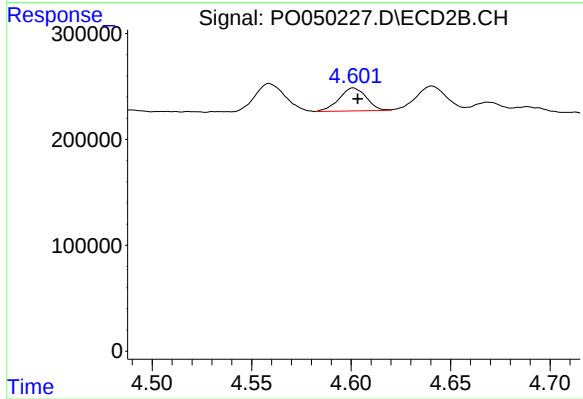
#5 AR-1016-3

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 276618
Conc: 42.12 ng/ml



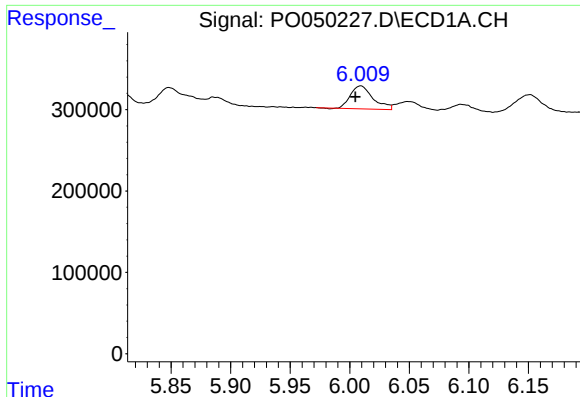
#6 AR-1016-4

R.T.: 5.713 min
Delta R.T.: 0.004 min
Response: 374663
Conc: 42.38 ng/ml



#6 AR-1016-4

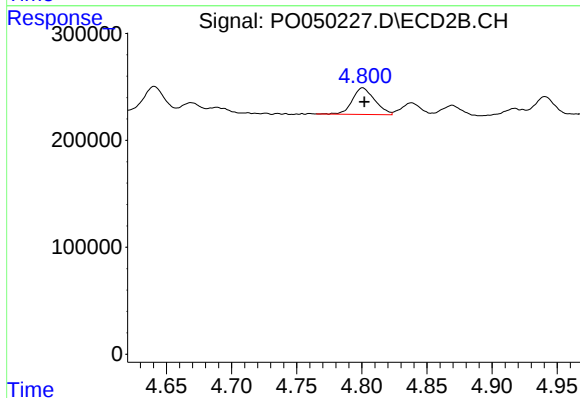
R.T.: 4.601 min
Delta R.T.: -0.002 min
Response: 206691
Conc: 39.02 ng/ml



#7 AR-1016-5

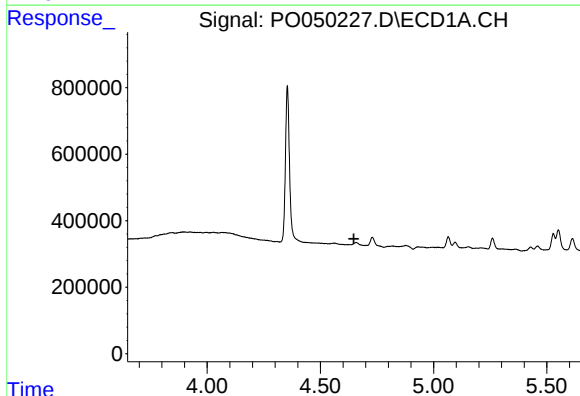
R.T.: 6.009 min
Delta R.T.: 0.005 min
Response: 373133
Conc: 43.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



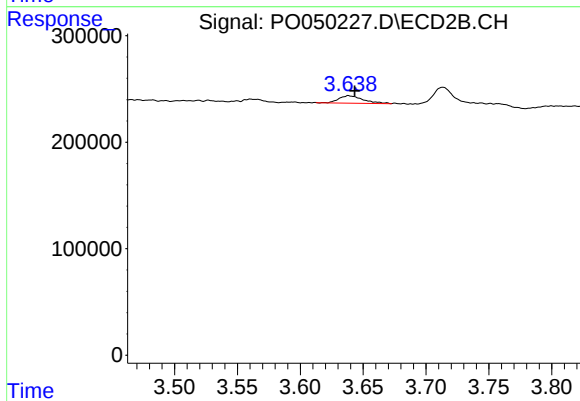
#7 AR-1016-5

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 295702
Conc: 42.70 ng/ml



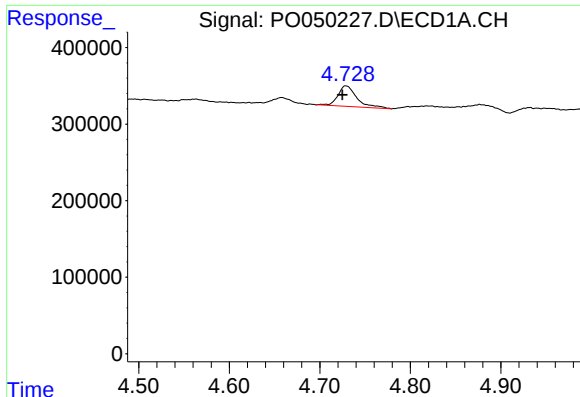
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.648 min
Response: 0
Conc: N.D.



#9 AR-1221-2

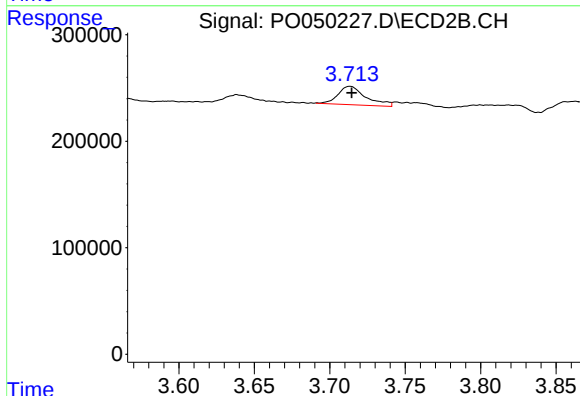
R.T.: 3.638 min
Delta R.T.: -0.005 min
Response: 93247
Conc: 58.17 ng/ml



#10 AR-1221-3

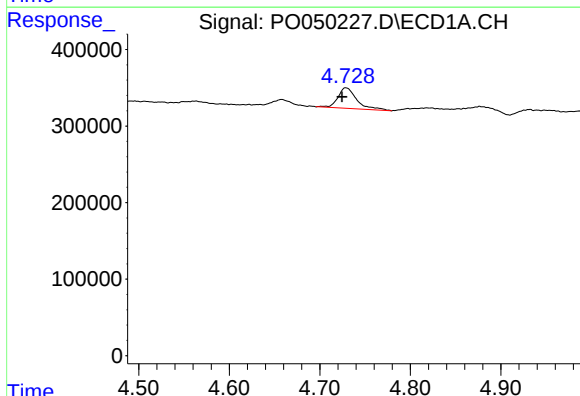
R.T.: 4.729 min
Delta R.T.: 0.004 min
Response: 390426
Conc: 49.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



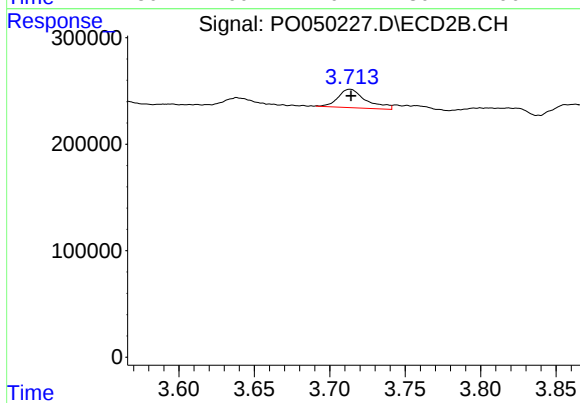
#10 AR-1221-3

R.T.: 3.714 min
Delta R.T.: 0.000 min
Response: 222657
Conc: 42.44 ng/ml



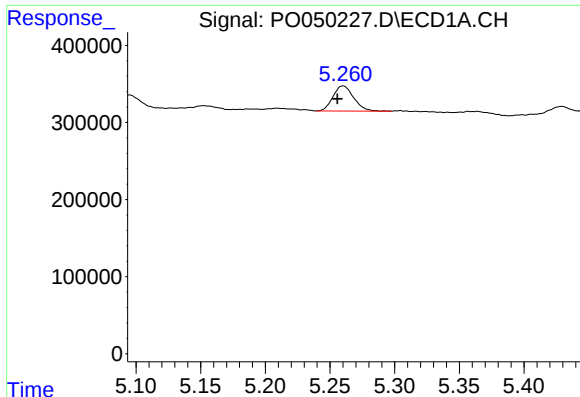
#11 AR-1232-1

R.T.: 4.729 min
Delta R.T.: 0.004 min
Response: 390426
Conc: 66.21 ng/ml



#11 AR-1232-1

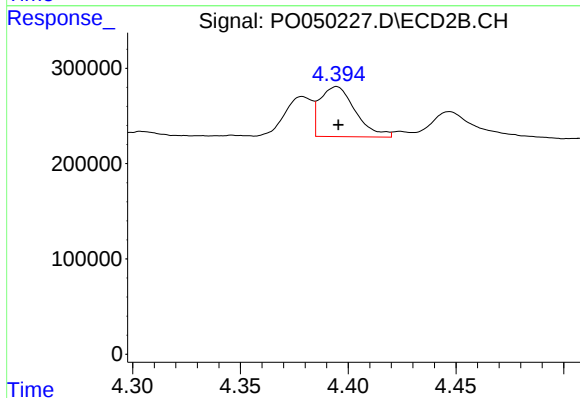
R.T.: 3.714 min
Delta R.T.: 0.000 min
Response: 222657
Conc: 57.61 ng/ml



#12 AR-1232-2

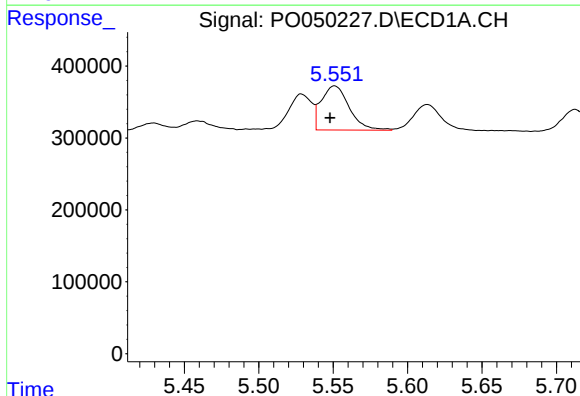
R.T.: 5.260 min
Delta R.T.: 0.004 min
Response: 362332
Conc: 111.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



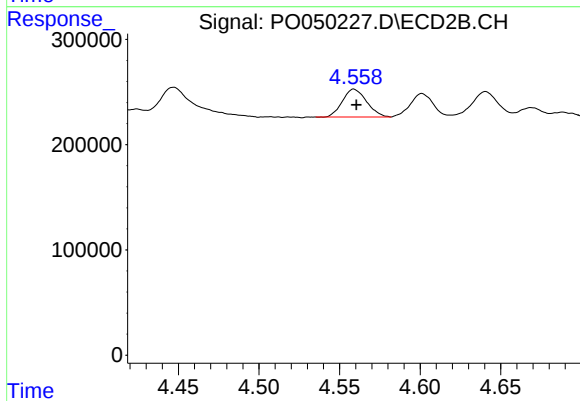
#12 AR-1232-2

R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 598126
Conc: 121.88 ng/ml



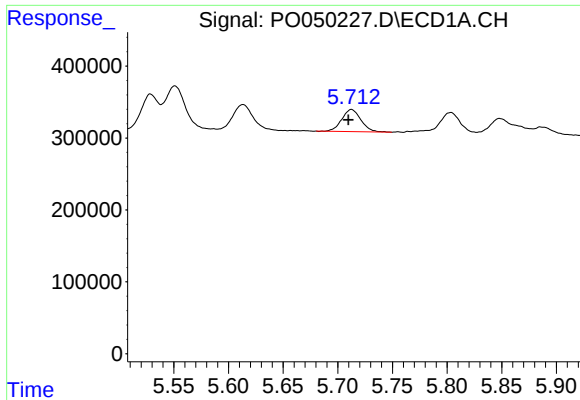
#13 AR-1232-3

R.T.: 5.551 min
Delta R.T.: 0.003 min
Response: 803082
Conc: 127.49 ng/ml



#13 AR-1232-3

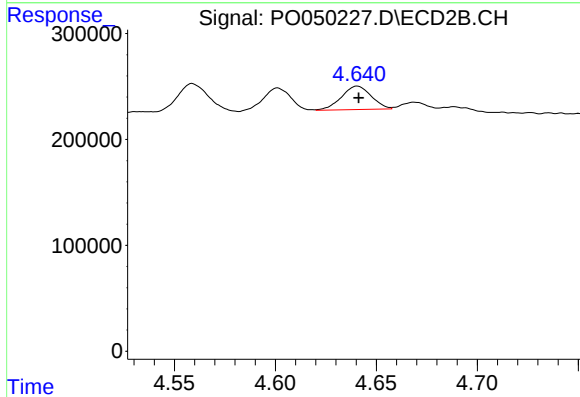
R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 276618
Conc: 120.22 ng/ml



#14 AR-1232-4

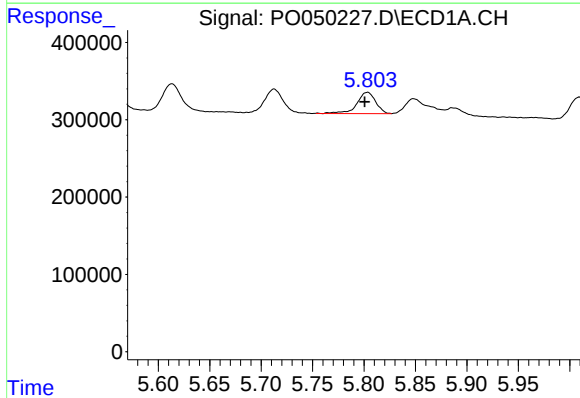
R.T.: 5.713 min
Delta R.T.: 0.003 min
Response: 374663
Conc: 120.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



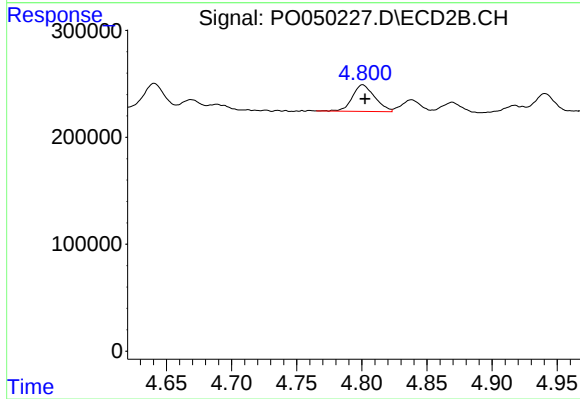
#14 AR-1232-4

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 228002
Conc: 111.27 ng/ml



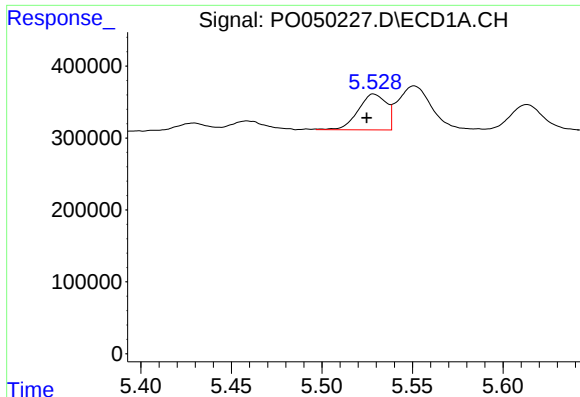
#15 AR-1232-5

R.T.: 5.803 min
Delta R.T.: 0.003 min
Response: 350970
Conc: 154.02 ng/ml



#15 AR-1232-5

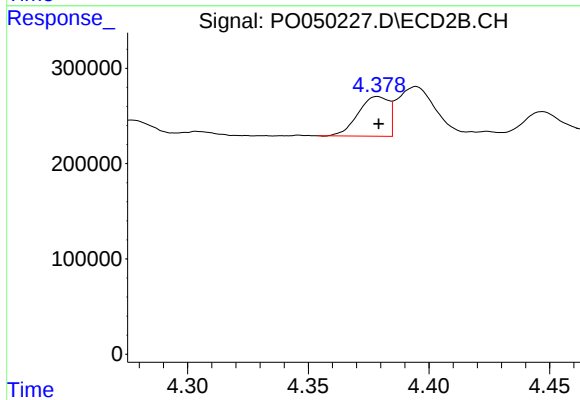
R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 295702
Conc: 134.27 ng/ml



#16 AR-1242-1

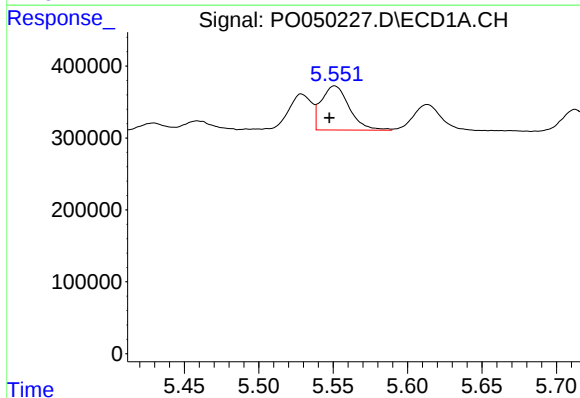
R.T.: 5.529 min
Delta R.T.: 0.004 min
Response: 541869
Conc: 71.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



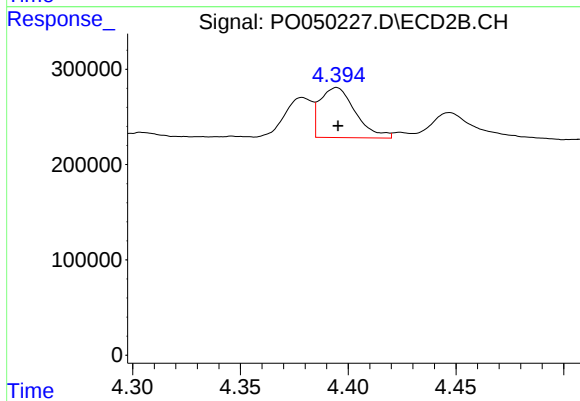
#16 AR-1242-1

R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 367091
Conc: 75.14 ng/ml



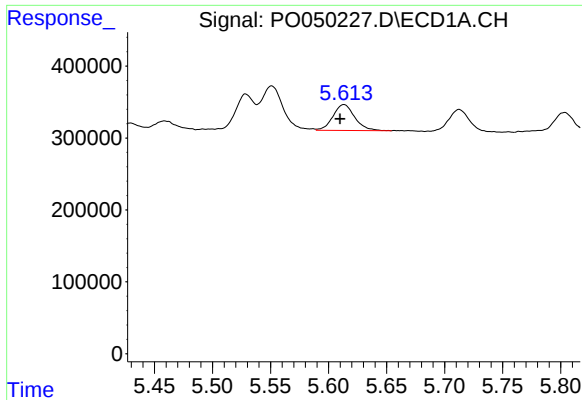
#17 AR-1242-2

R.T.: 5.551 min
Delta R.T.: 0.003 min
Response: 803082
Conc: 71.28 ng/ml



#17 AR-1242-2

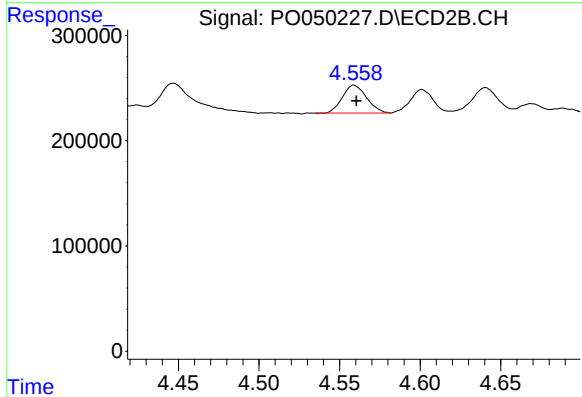
R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 598126
Conc: 68.55 ng/ml



#18 AR-1242-3

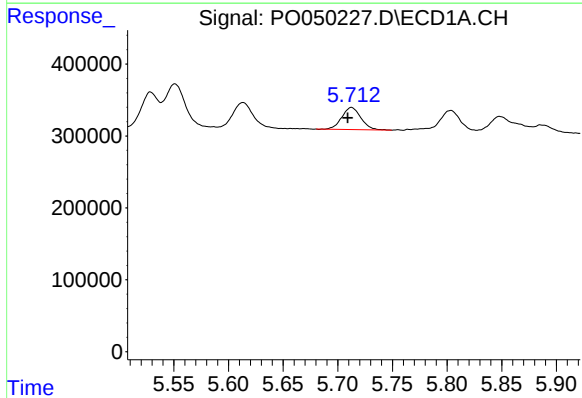
R.T.: 5.613 min
Delta R.T.: 0.003 min
Response: 471395
Conc: 69.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



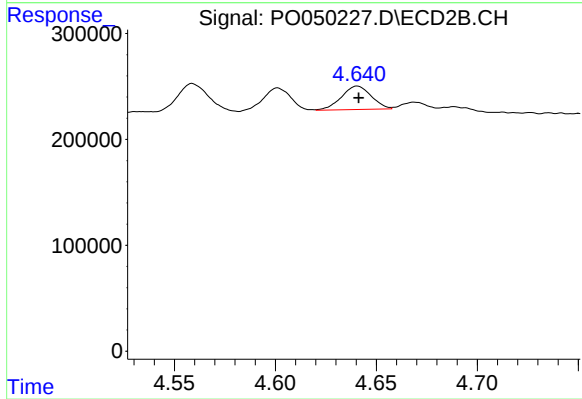
#18 AR-1242-3

R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 276618
Conc: 64.12 ng/ml



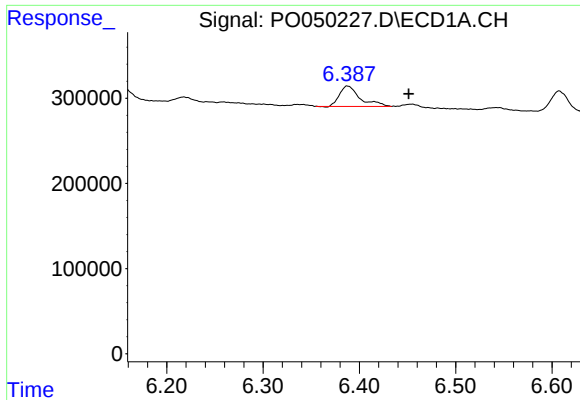
#19 AR-1242-4

R.T.: 5.713 min
Delta R.T.: 0.003 min
Response: 374663
Conc: 68.31 ng/ml



#19 AR-1242-4

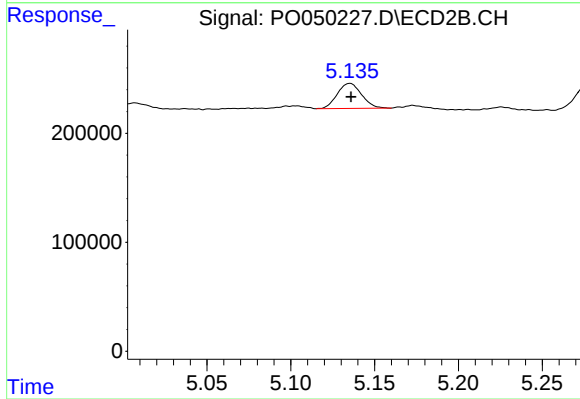
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 228002
Conc: 52.19 ng/ml



#20 AR-1242-5

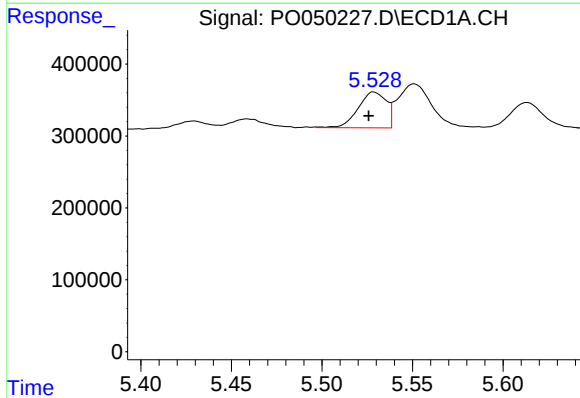
R.T.: 6.388 min
Delta R.T.: -0.063 min
Response: 353955
Conc: 58.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



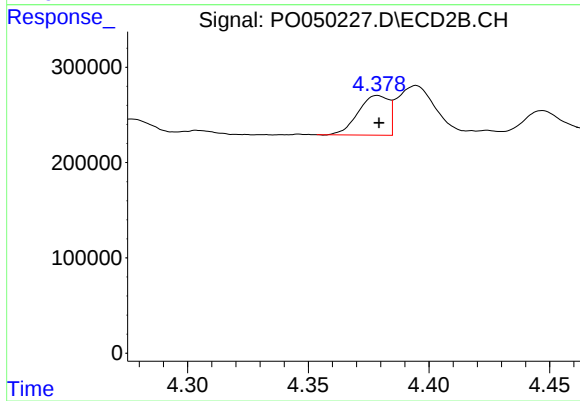
#20 AR-1242-5

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 232885
Conc: 41.74 ng/ml



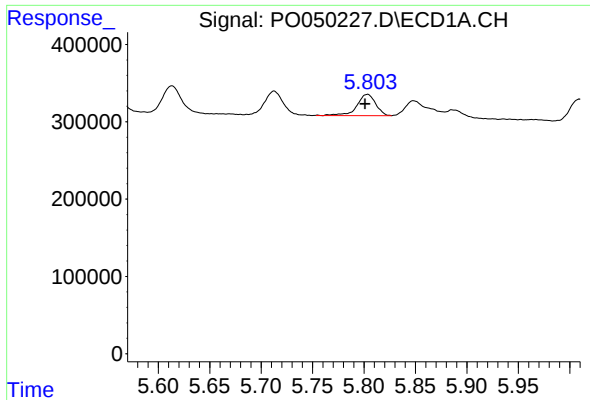
#21 AR-1248-1

R.T.: 5.529 min
Delta R.T.: 0.003 min
Response: 541869
Conc: 85.47 ng/ml



#21 AR-1248-1

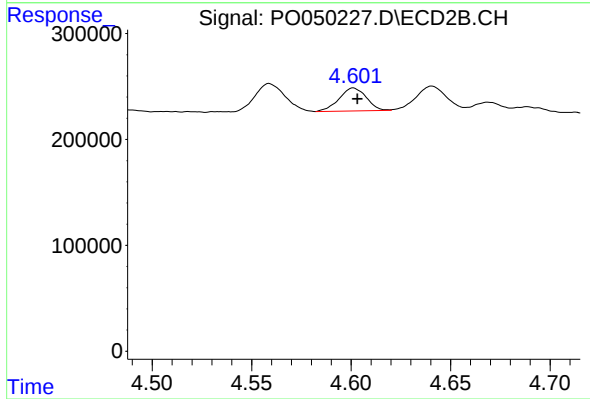
R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 367091
Conc: 84.52 ng/ml



#22 AR-1248-2

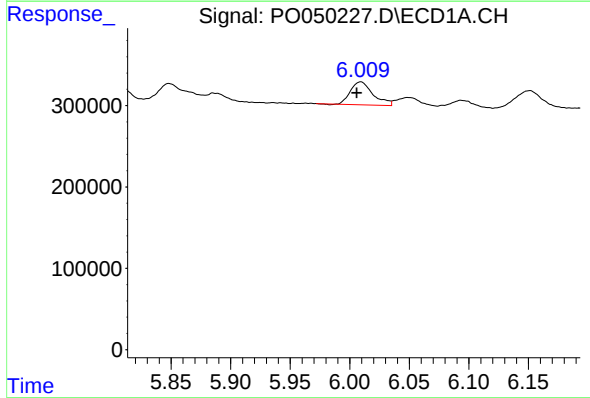
R.T.: 5.803 min
Delta R.T.: 0.002 min
Response: 350970
Conc: 38.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



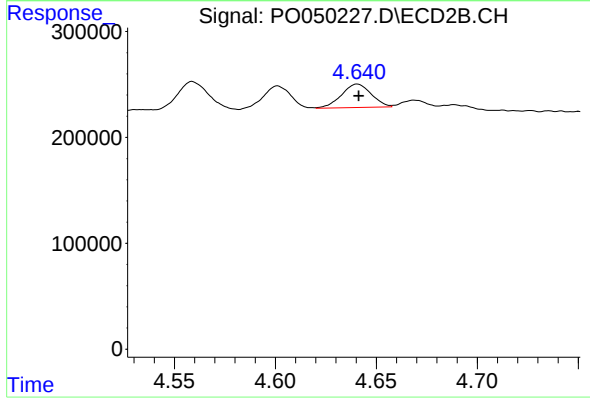
#22 AR-1248-2

R.T.: 4.601 min
Delta R.T.: -0.002 min
Response: 206691
Conc: 31.34 ng/ml



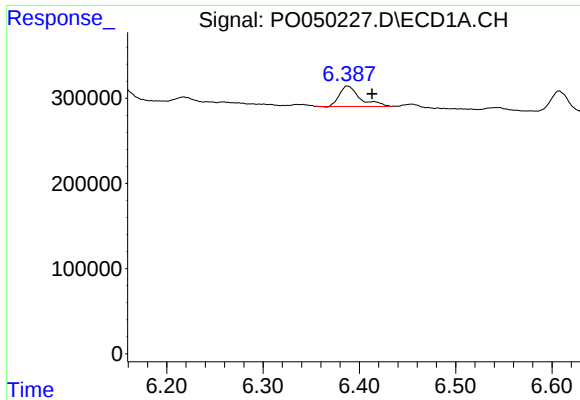
#23 AR-1248-3

R.T.: 6.009 min
Delta R.T.: 0.003 min
Response: 373133
Conc: 36.15 ng/ml



#23 AR-1248-3

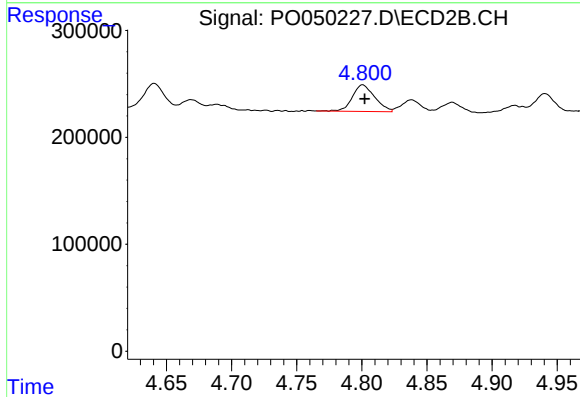
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 228002
Conc: 34.31 ng/ml



#24 AR-1248-4

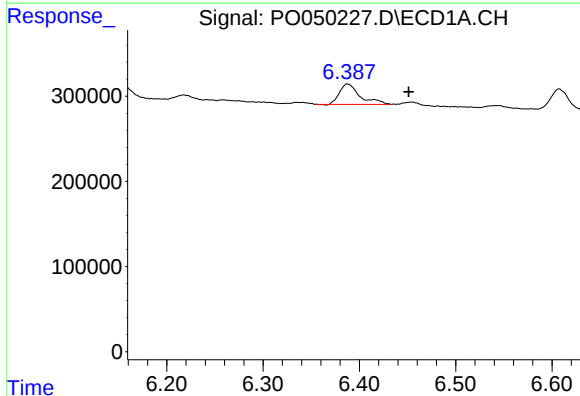
R.T.: 6.388 min
Delta R.T.: -0.025 min
Response: 353955
Conc: 31.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



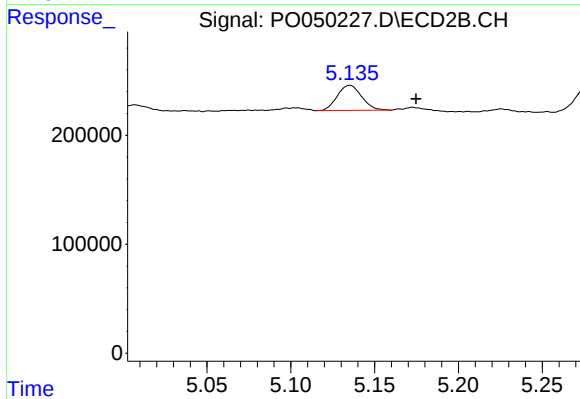
#24 AR-1248-4

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 295702
Conc: 36.21 ng/ml



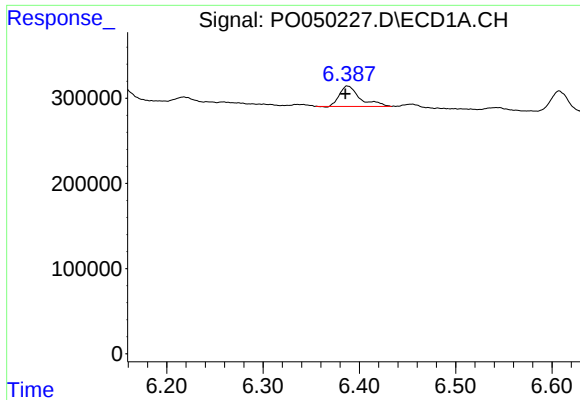
#25 AR-1248-5

R.T.: 6.388 min
Delta R.T.: -0.064 min
Response: 353955
Conc: 31.95 ng/ml



#25 AR-1248-5

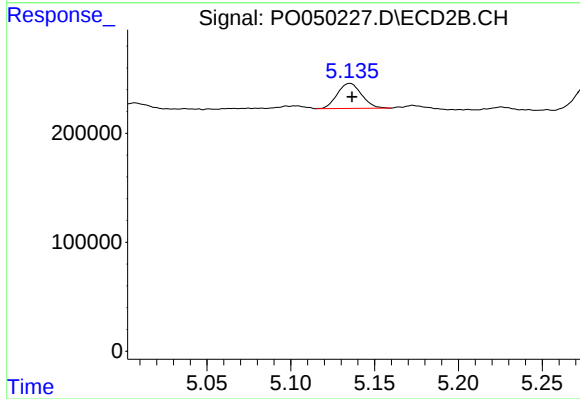
R.T.: 5.135 min
Delta R.T.: -0.039 min
Response: 232885
Conc: 29.45 ng/ml



#26 AR-1254-1

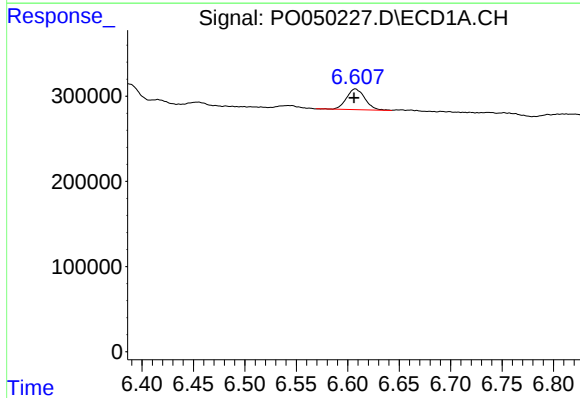
R.T.: 6.388 min
Delta R.T.: 0.002 min
Response: 353955
Conc: 27.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



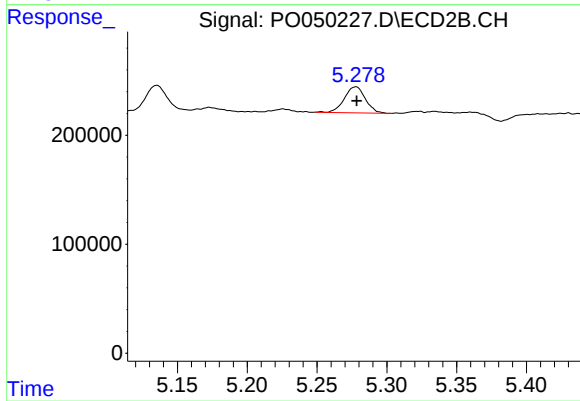
#26 AR-1254-1

R.T.: 5.135 min
Delta R.T.: -0.001 min
Response: 232885
Conc: 16.06 ng/ml



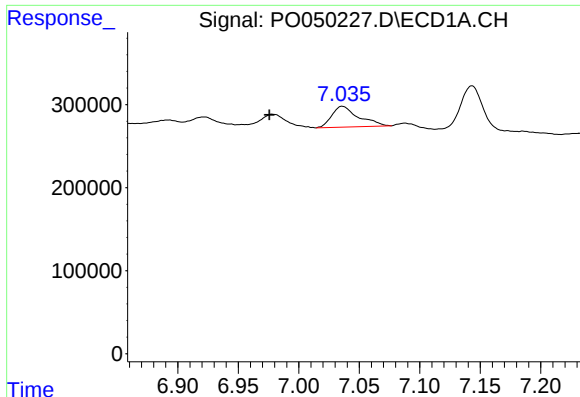
#27 AR-1254-2

R.T.: 6.607 min
Delta R.T.: 0.001 min
Response: 302052
Conc: 14.82 ng/ml



#27 AR-1254-2

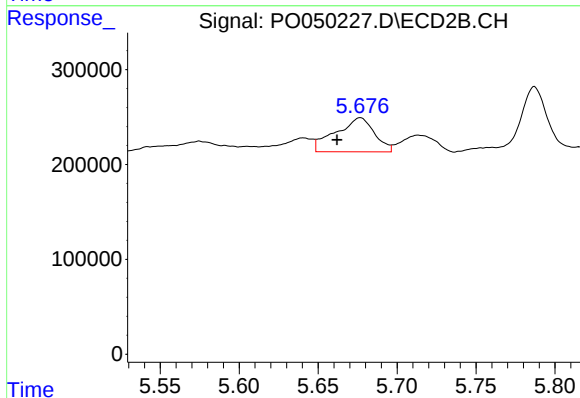
R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 252218
Conc: 19.85 ng/ml



#28 AR-1254-3

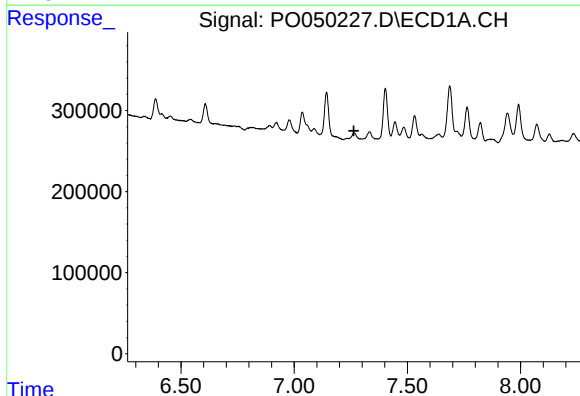
R.T.: 7.036 min
Delta R.T.: 0.060 min
Response: 386139
Conc: 17.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



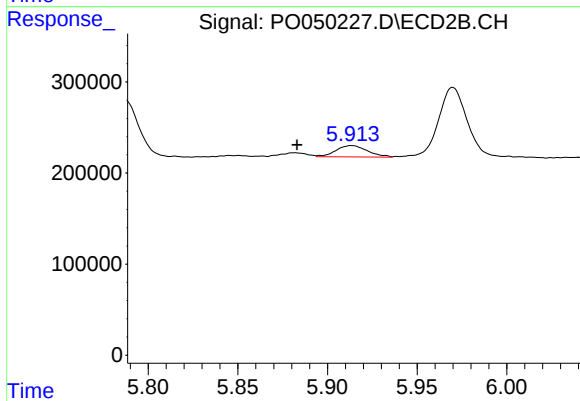
#28 AR-1254-3

R.T.: 5.677 min
Delta R.T.: 0.015 min
Response: 614355
Conc: 29.98 ng/ml



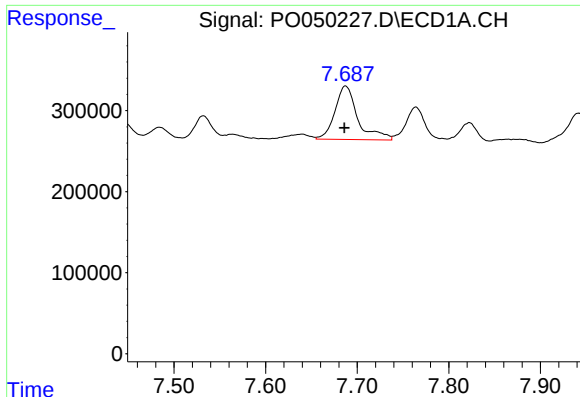
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.264 min
Response: 0
Conc: N.D.



#29 AR-1254-4

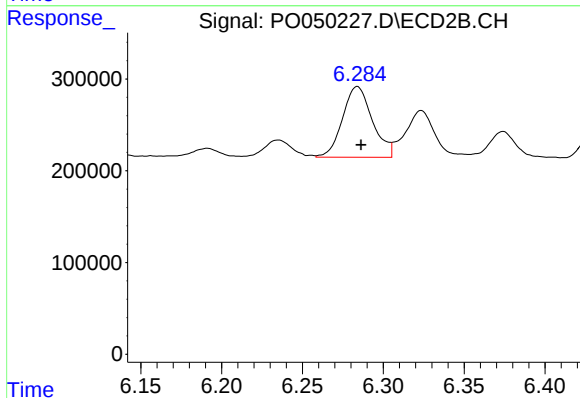
R.T.: 5.913 min
Delta R.T.: 0.030 min
Response: 152596
Conc: 13.10 ng/ml



#30 AR-1254-5

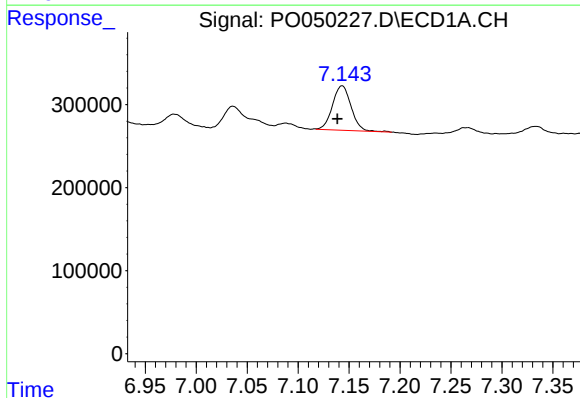
R.T.: 7.687 min
Delta R.T.: 0.001 min
Response: 1143299
Conc: 73.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



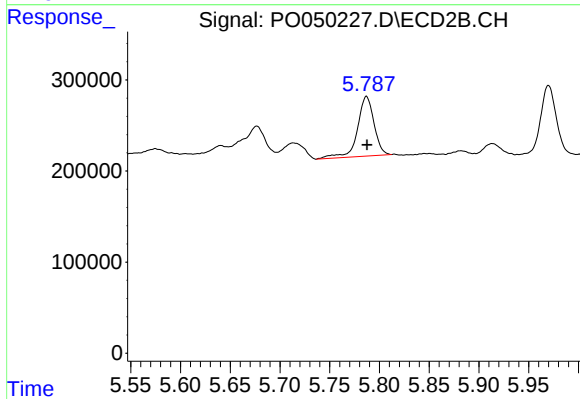
#30 AR-1254-5

R.T.: 6.284 min
Delta R.T.: -0.002 min
Response: 992334
Conc: 56.81 ng/ml



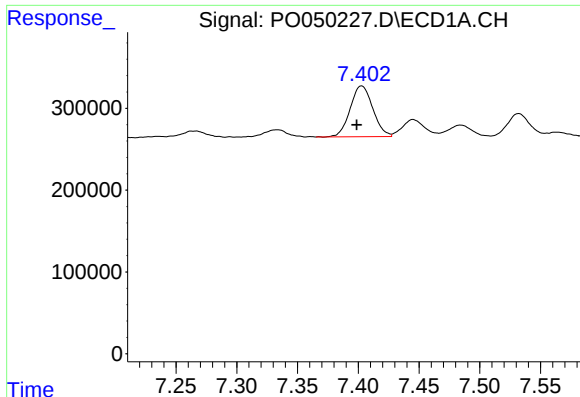
#31 AR-1260-1

R.T.: 7.143 min
Delta R.T.: 0.005 min
Response: 680781
Conc: 39.97 ng/ml



#31 AR-1260-1

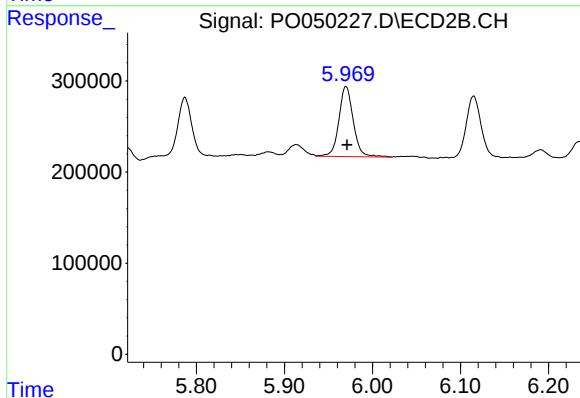
R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 761467
Conc: 50.26 ng/ml



#32 AR-1260-2

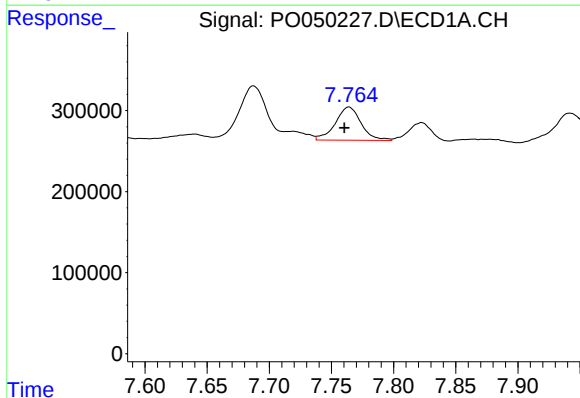
R.T.: 7.403 min
Delta R.T.: 0.004 min
Response: 806082
Conc: 40.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



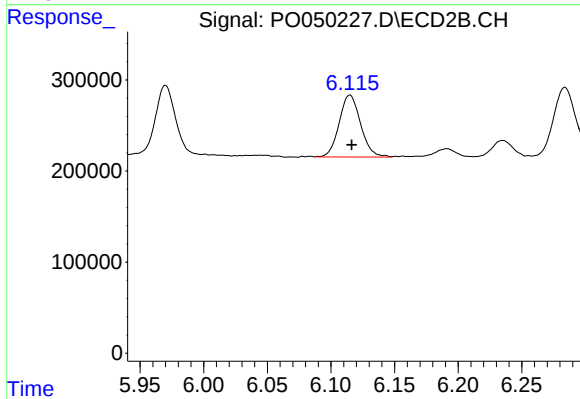
#32 AR-1260-2

R.T.: 5.970 min
Delta R.T.: -0.001 min
Response: 873980
Conc: 47.25 ng/ml



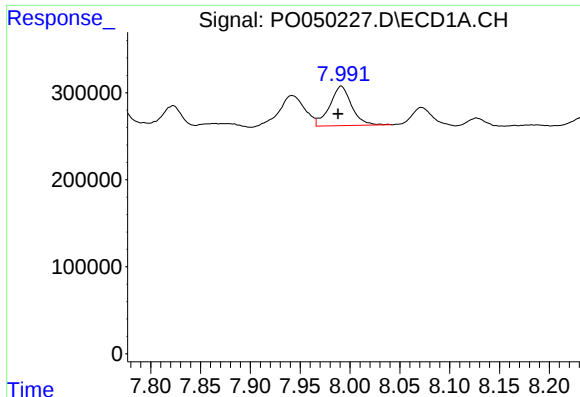
#33 AR-1260-3

R.T.: 7.764 min
Delta R.T.: 0.004 min
Response: 592713
Conc: 41.41 ng/ml



#33 AR-1260-3

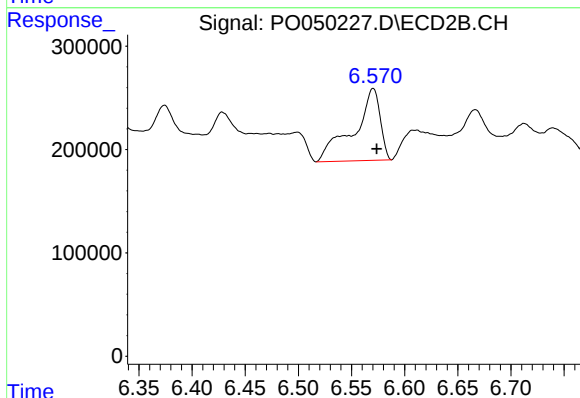
R.T.: 6.115 min
Delta R.T.: -0.001 min
Response: 796889
Conc: 46.56 ng/ml



#34 AR-1260-4

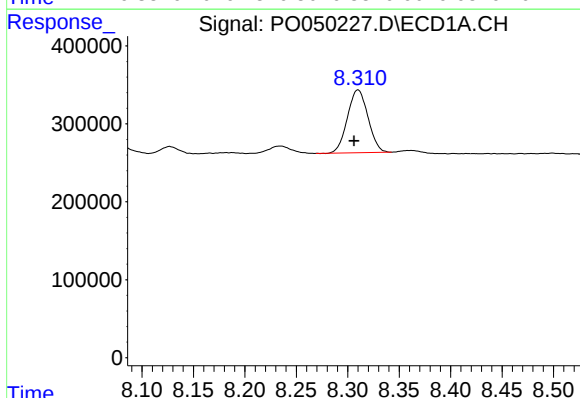
R.T.: 7.991 min
Delta R.T.: 0.003 min
Response: 692473
Conc: 42.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



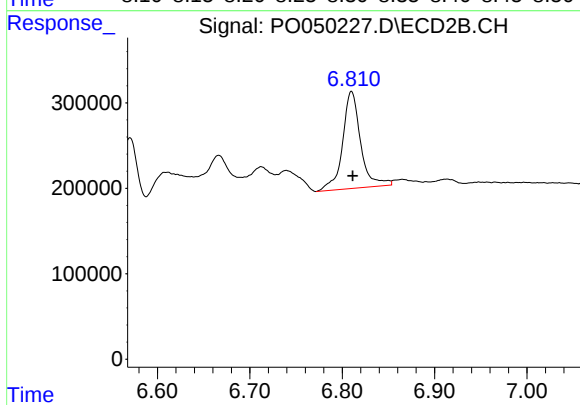
#34 AR-1260-4

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 1200344
Conc: 88.54 ng/ml



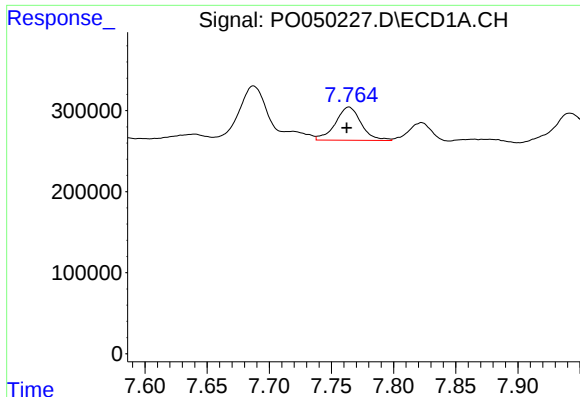
#35 AR-1260-5

R.T.: 8.310 min
Delta R.T.: 0.004 min
Response: 1122744
Conc: 36.96 ng/ml



#35 AR-1260-5

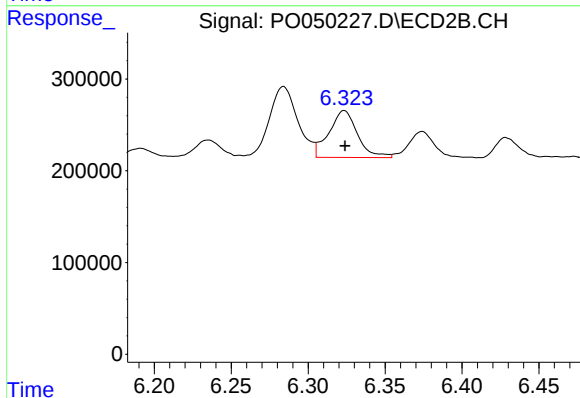
R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 1539299
Conc: 50.37 ng/ml



#36 AR-1262-1

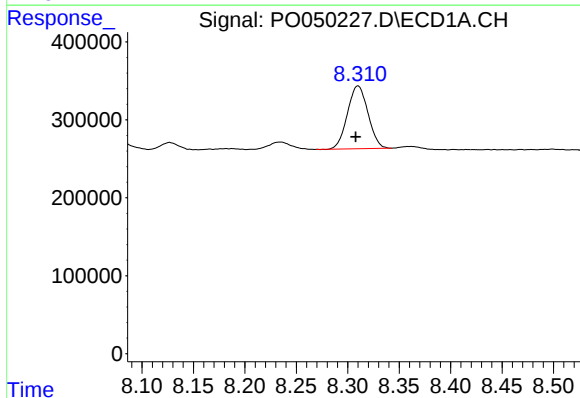
R.T.: 7.764 min
Delta R.T.: 0.002 min
Response: 592713
Conc: 38.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



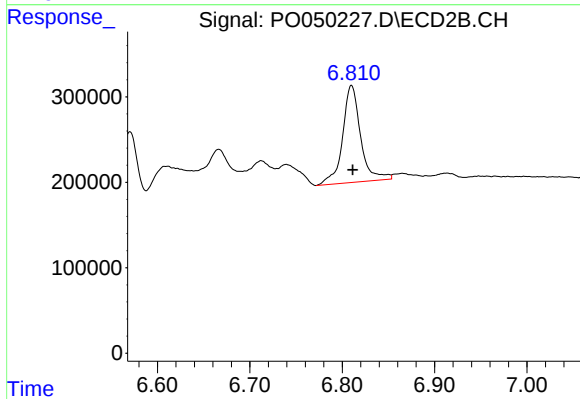
#36 AR-1262-1

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 657804
Conc: 41.64 ng/ml



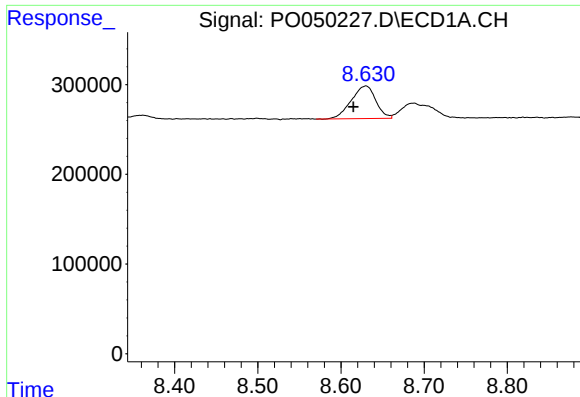
#37 AR-1262-2

R.T.: 8.310 min
Delta R.T.: 0.002 min
Response: 1122744
Conc: 45.02 ng/ml



#37 AR-1262-2

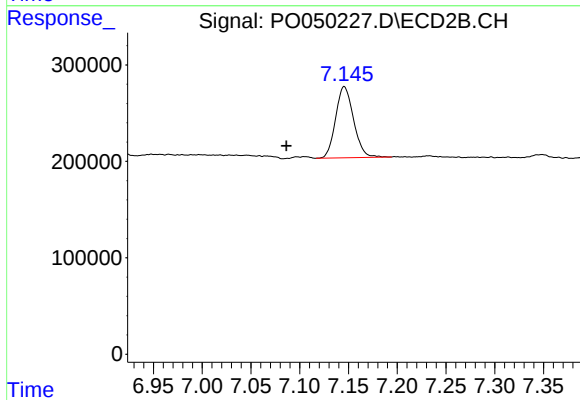
R.T.: 6.810 min
Delta R.T.: -0.001 min
Response: 1539299
Conc: 60.11 ng/ml



#38 AR-1262-3

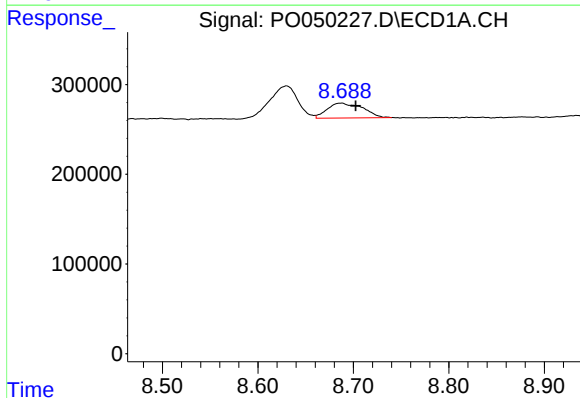
R.T.: 8.630 min
Delta R.T.: 0.015 min
Response: 747713
Conc: 45.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



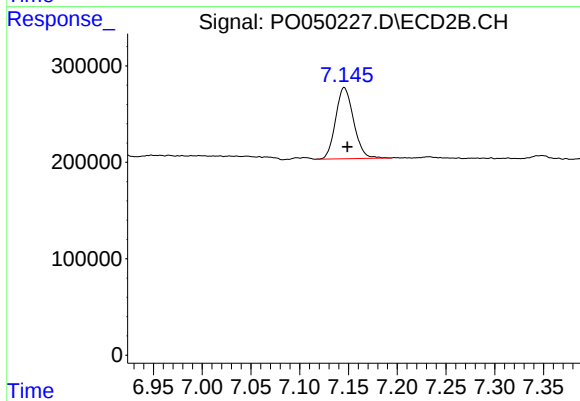
#38 AR-1262-3

R.T.: 7.146 min
Delta R.T.: 0.059 min
Response: 947645
Conc: 92.73 ng/ml



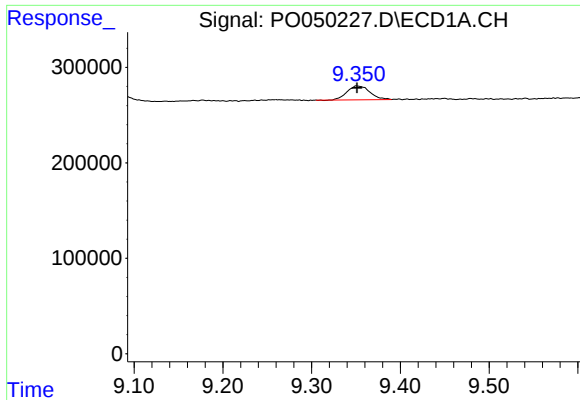
#39 AR-1262-4

R.T.: 8.687 min
Delta R.T.: -0.015 min
Response: 432637
Conc: 33.44 ng/ml



#39 AR-1262-4

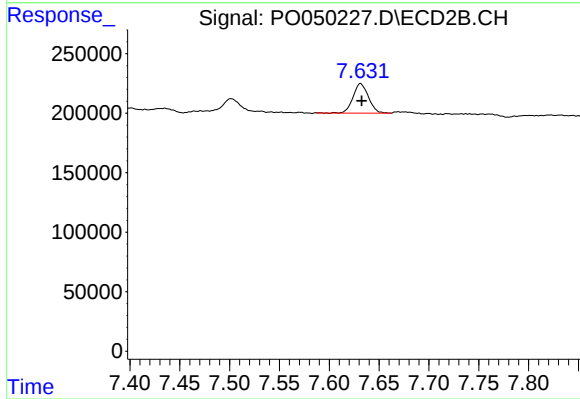
R.T.: 7.146 min
Delta R.T.: -0.003 min
Response: 947645
Conc: 50.51 ng/ml



#40 AR-1262-5

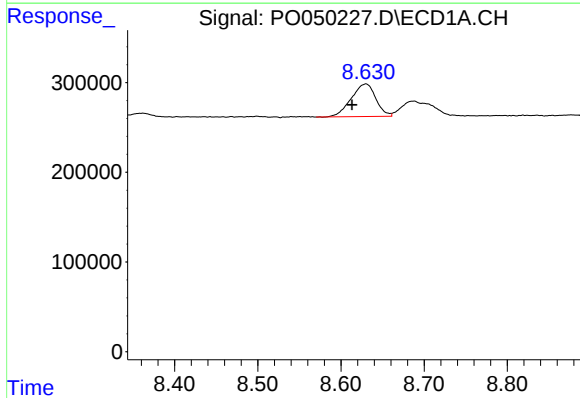
R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 258576
Conc: 32.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



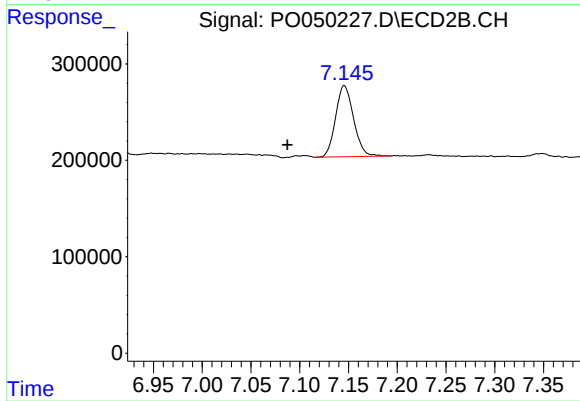
#40 AR-1262-5

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 264938
Conc: 33.73 ng/ml



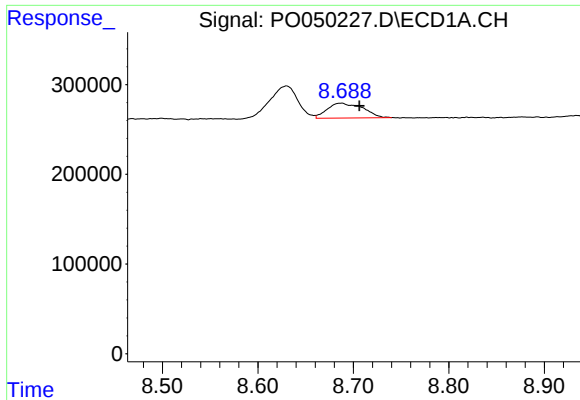
#41 AR-1268-1

R.T.: 8.630 min
Delta R.T.: 0.017 min
Response: 747713
Conc: 22.50 ng/ml



#41 AR-1268-1

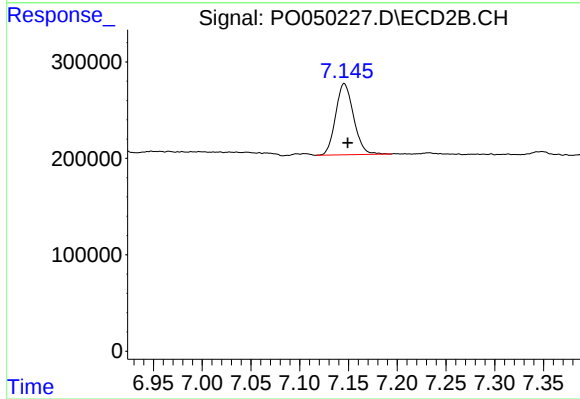
R.T.: 7.146 min
Delta R.T.: 0.058 min
Response: 947645
Conc: 28.12 ng/ml



#42 AR-1268-2

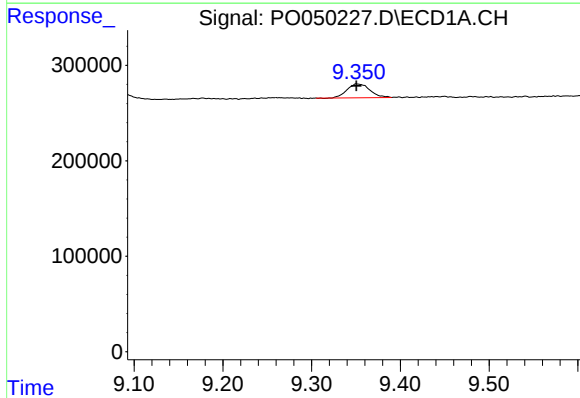
R.T.: 8.687 min
Delta R.T.: -0.019 min
Response: 432637
Conc: 14.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



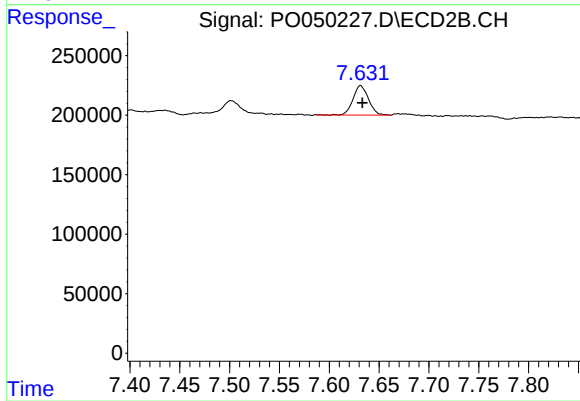
#42 AR-1268-2

R.T.: 7.146 min
Delta R.T.: -0.004 min
Response: 947645
Conc: 30.26 ng/ml



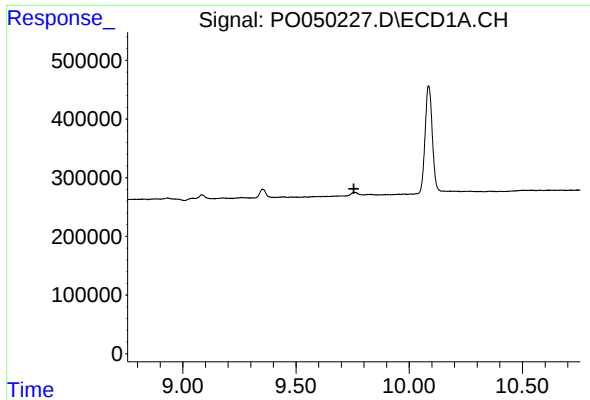
#44 AR-1268-4

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 258576
Conc: 26.23 ng/ml



#44 AR-1268-4

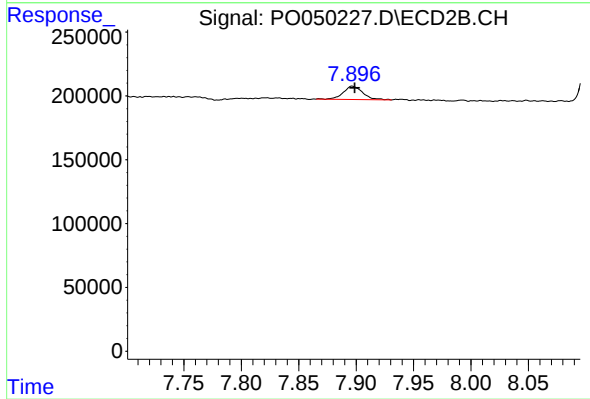
R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 264938
Conc: 27.16 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.756 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.897 min
Delta R.T.: -0.002 min
Response: 125288
Conc: 1.65 ng/ml