

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092518\
 Data File : P0049262.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Sep 2018 9:44
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:50:30 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 20 02:02:28 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...	4.387	3.522	8659349	9254581	46.636	44.783
2)	SA Decachlor...	10.095	8.453	13371873	9576373	48.646	46.779
Target Compounds							
3)	L1 AR-1016-1	5.096	4.184	2430873	2596807	515.531	453.752
4)	L1 AR-1016-2	5.290	4.590	2539923	4022229	525.046	462.309
5)	L1 AR-1016-3	5.559	4.608	3773417	5390889	504.691	467.139
6)	L1 AR-1016-4	5.643	4.663	3360792	3762102	516.987	468.470
7)	L1 AR-1016-5	6.036	5.033	2630640	3384279	488.857	488.914
8)	L2 AR-1221-1	0.000	3.732	0	316755	N.D.	130.363 #
9)	L2 AR-1221-2	4.761	3.816	1714991	482124	1188.991	267.753 #
10)	L2 AR-1221-3	4.761	3.891	1714991	1773412	340.048	317.459
11)	L3 AR-1232-1	5.559	4.372	3773417	2743042	9665.027	1171.688 #
12)	L3 AR-1232-2	5.742	4.486	2727134	910438	1354.992	1062.626
13)	L3 AR-1232-3	5.877	4.864	1423657	2900057	2666.078	1333.637 #
14)	L3 AR-1232-4	0.000	5.180	0	2982712	N.D.	1257.229 #
15)	L3 AR-1232-5	7.161	0.000	5693633	0	17588.199	N.D. #
16)	L4 AR-1242-1	5.127	4.204	1344790	1412542	664.493	541.408
17)	L4 AR-1242-2	5.877	4.782	1423657	3084331	383.527	571.190 #
18)	L4 AR-1242-3	6.036	4.895	2630640	985913	1477.506	549.709 #
19)	L4 AR-1242-4	6.177	5.250	2810376	1186867	2058.142	747.810 #
20)	L4 AR-1242-5	6.177	5.617	2810376	343917	591.757	82.435 #
21)	L5 AR-1248-1	5.831	4.823	2069701	2318327	342.380	332.339
22)	L5 AR-1248-2	6.413	5.380	2937622	3403467	457.361	261.889 #
23)	L5 AR-1248-3	6.413	5.421	2937622	906709	348.965	98.005 #
24)	L5 AR-1248-4	0.000	5.617	0	343917	N.D.	42.374 #
25)	L5 AR-1248-5	6.631	5.941	1693638	4781504	325.952	779.878 #
26)	L6 AR-1254-1	6.631	5.526	1693638	2375897	114.451	193.646 #
27)	L6 AR-1254-2	0.000	5.836	0	759535	N.D.	70.975 #
28)	L6 AR-1254-3	7.056	6.152	4039708	541761	247.247	39.384 #
29)	L6 AR-1254-4	0.000	6.471	0	812024	N.D.	79.297 #
30)	L6 AR-1254-5	7.547	6.565	2566362	8907447	277.614	459.385 #
31)	L7 AR-1260-1	7.161	6.054	5693633	6594954	509.016	458.658
32)	L7 AR-1260-2	7.418	6.241	6906280	8084506	514.716	456.006
33)	L7 AR-1260-3	7.702	6.393	9108987	7383592	592.015	448.568
34)	L7 AR-1260-4	8.003	6.861	5810233	5871486	530.957	440.668
35)	L7 AR-1260-5	8.320	7.101	12682869	14189030	529.063	452.966
36)	L8 AR-1262-1	7.056	5.941	4039708	4781504	618.541	669.891
37)	L8 AR-1262-2	7.834	6.656	2744570	3302238	510.639	450.086
38)	L8 AR-1262-3	8.084	6.958	2863311	3305308	498.291	425.460
39)	L8 AR-1262-4	8.716	7.383	2167643	3128616	157.954	256.807 #
40)	L8 AR-1262-5	9.362	7.936	3828633	3502775	367.527	344.315
41)	L9 AR-1268-1	7.777	6.603	5457112	6585092	945.148	899.394

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Acq On : 25 Sep 2018 9:44
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

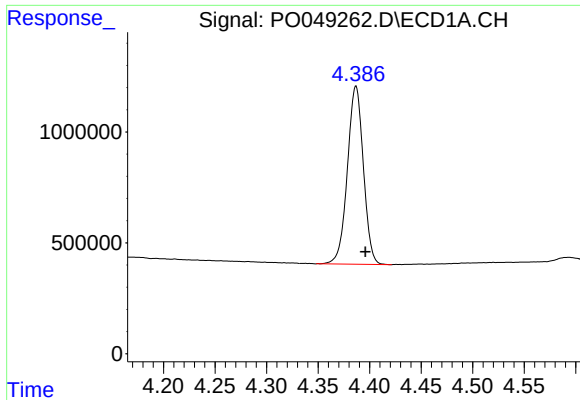
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 00:50:30 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.M
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Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.003	7.445	5810233	9895687	761.444	298.052 #
43)	L9 AR-1268-3	8.643	7.652	7921829	225489	233.828	8.231 #
44)	L9 AR-1268-4	0.000	7.742	0	152139	N.D.	19.574 #
45)	L9 AR-1268-5	0.000	8.211	0	925579	N.D.	12.485 #

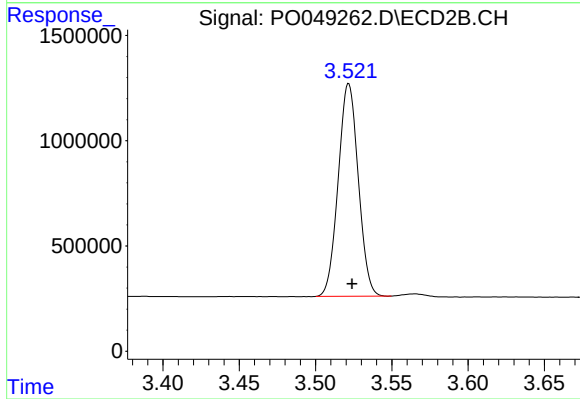
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

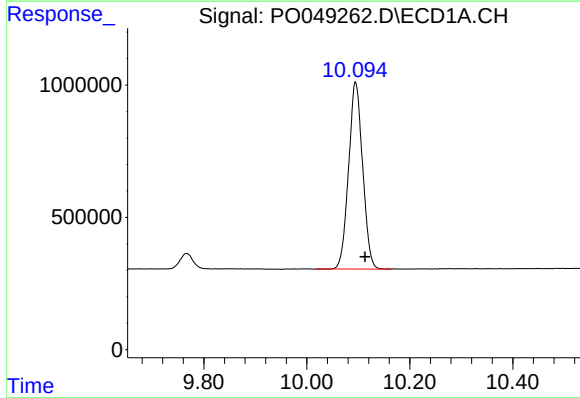
R.T.: 4.387 min
Delta R.T.: -0.009 min
Response: 8659349
Conc: 46.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



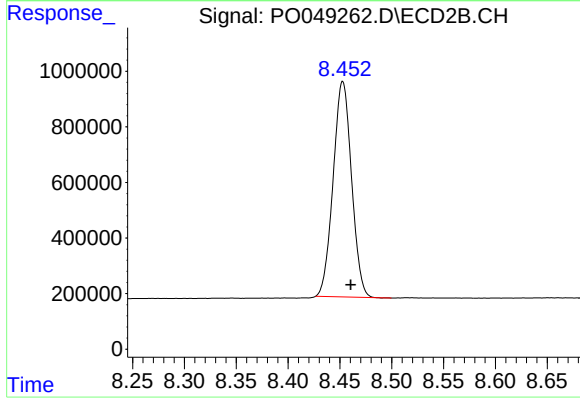
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 9254581
Conc: 44.78 ng/ml



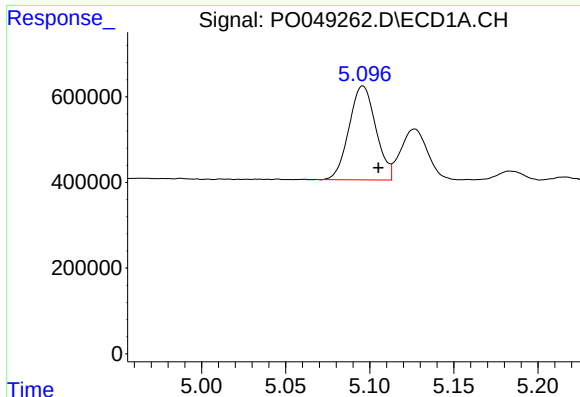
#2 Decachlorobiphenyl

R.T.: 10.095 min
Delta R.T.: -0.019 min
Response: 13371873
Conc: 48.65 ng/ml



#2 Decachlorobiphenyl

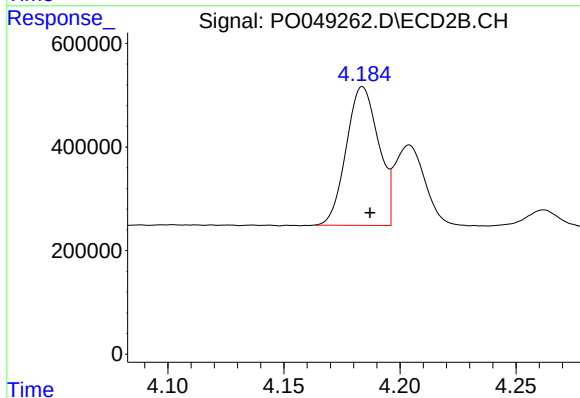
R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 9576373
Conc: 46.78 ng/ml



#3 AR-1016-1

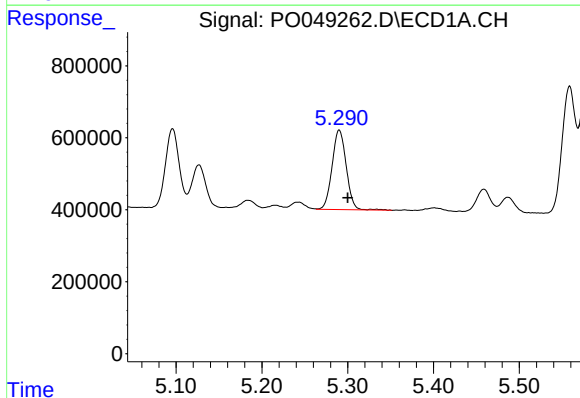
R.T.: 5.096 min
Delta R.T.: -0.009 min
Response: 2430873
Conc: 515.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



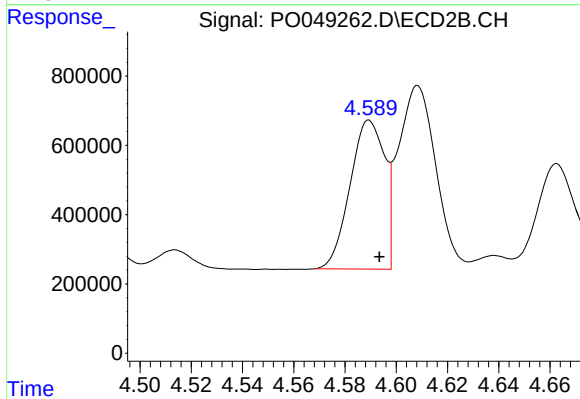
#3 AR-1016-1

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 2596807
Conc: 453.75 ng/ml



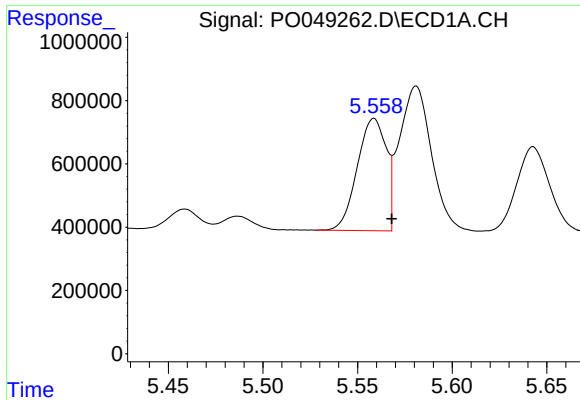
#4 AR-1016-2

R.T.: 5.290 min
Delta R.T.: -0.010 min
Response: 2539923
Conc: 525.05 ng/ml



#4 AR-1016-2

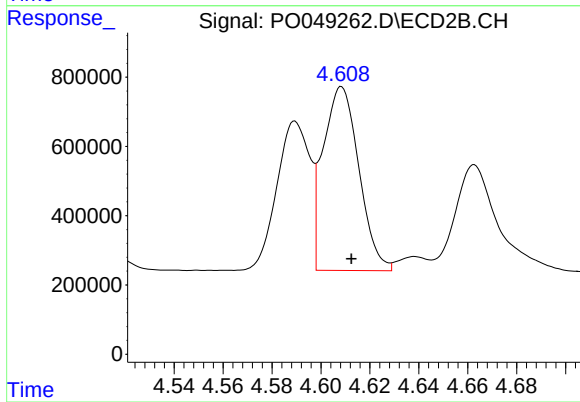
R.T.: 4.590 min
Delta R.T.: -0.004 min
Response: 4022229
Conc: 462.31 ng/ml



#5 AR-1016-3

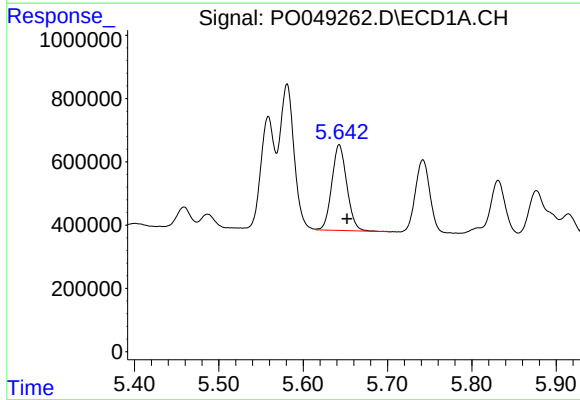
R.T.: 5.559 min
Delta R.T.: -0.009 min
Response: 3773417
Conc: 504.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



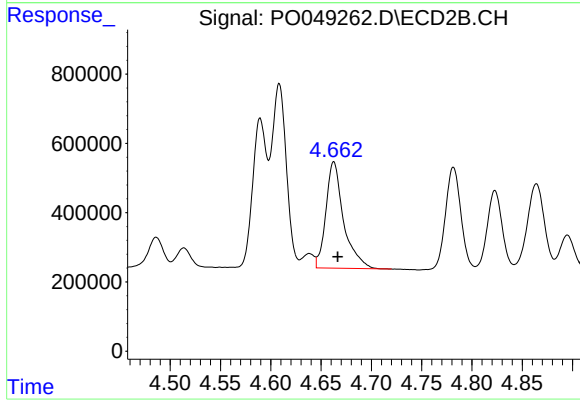
#5 AR-1016-3

R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 5390889
Conc: 467.14 ng/ml



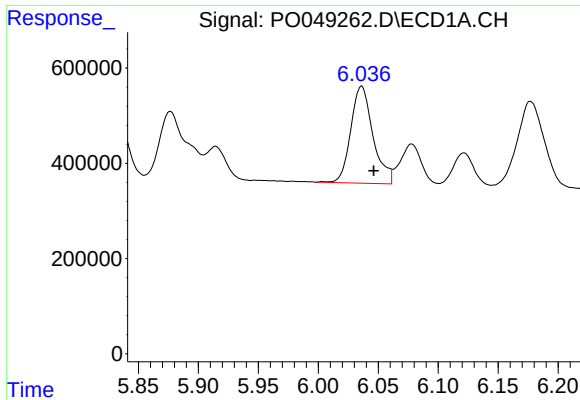
#6 AR-1016-4

R.T.: 5.643 min
Delta R.T.: -0.009 min
Response: 3360792
Conc: 516.99 ng/ml



#6 AR-1016-4

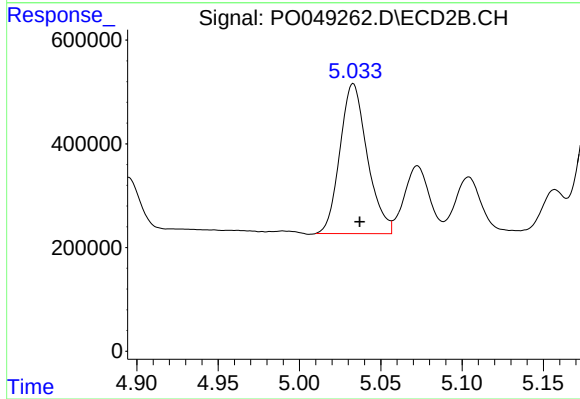
R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 3762102
Conc: 468.47 ng/ml



#7 AR-1016-5

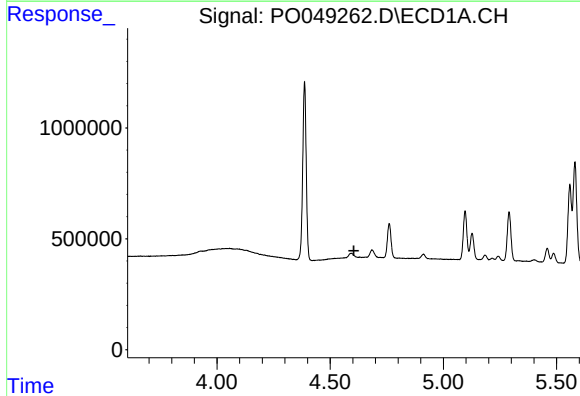
R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 2630640
Conc: 488.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



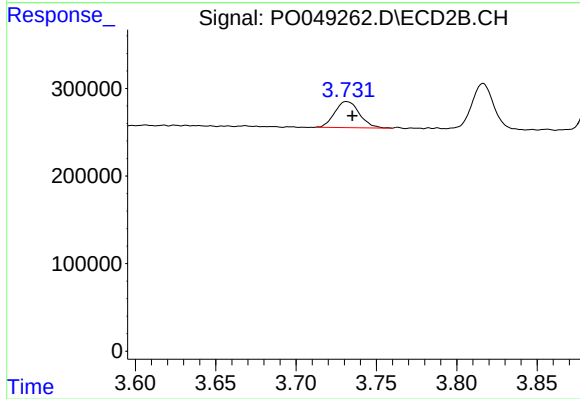
#7 AR-1016-5

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 3384279
Conc: 488.91 ng/ml



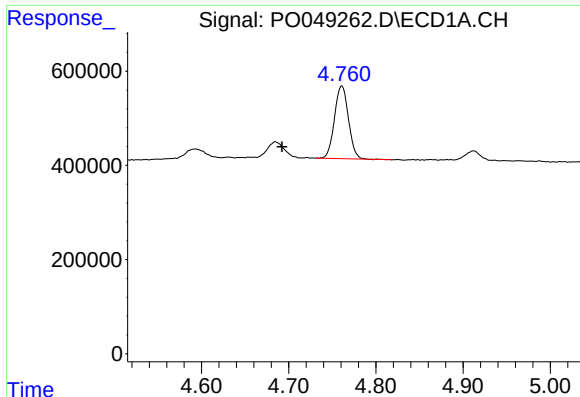
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.605 min
Response: 0
Conc: N.D.



#8 AR-1221-1

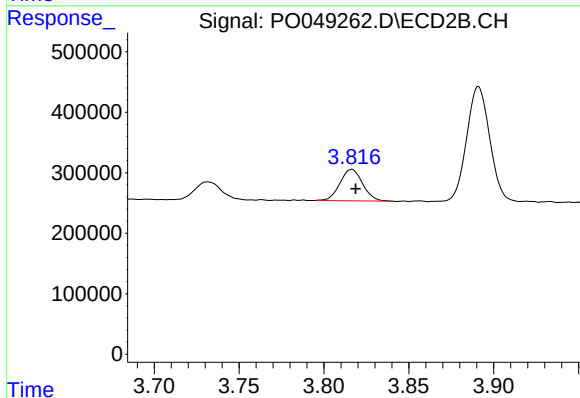
R.T.: 3.732 min
Delta R.T.: -0.003 min
Response: 316755
Conc: 130.36 ng/ml



#9 AR-1221-2

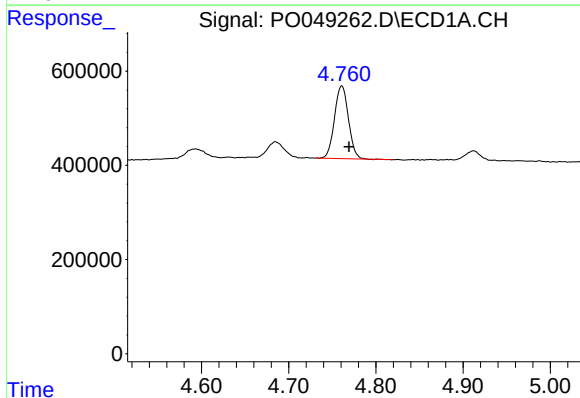
R.T.: 4.761 min
Delta R.T.: 0.068 min
Response: 1714991
Conc: 1188.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



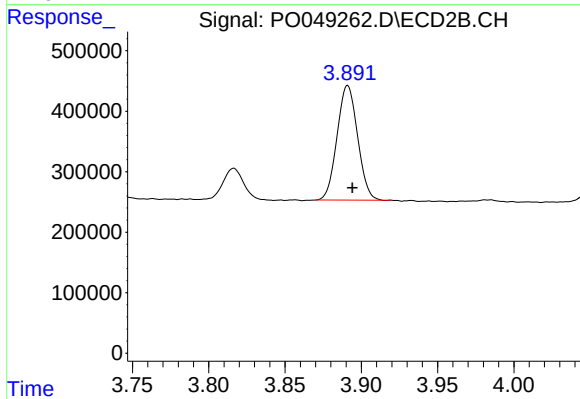
#9 AR-1221-2

R.T.: 3.816 min
Delta R.T.: -0.002 min
Response: 482124
Conc: 267.75 ng/ml



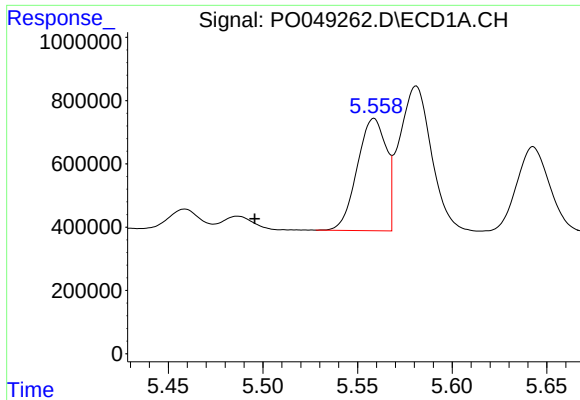
#10 AR-1221-3

R.T.: 4.761 min
Delta R.T.: -0.008 min
Response: 1714991
Conc: 340.05 ng/ml



#10 AR-1221-3

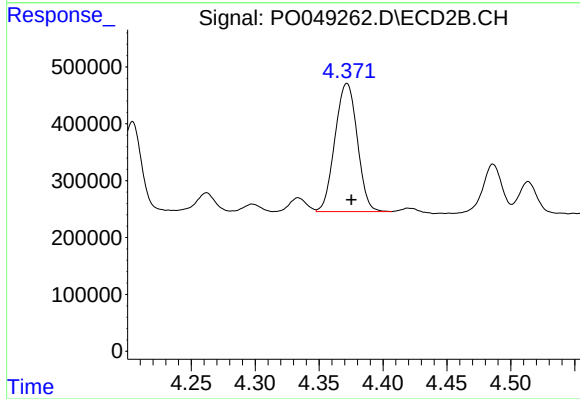
R.T.: 3.891 min
Delta R.T.: -0.003 min
Response: 1773412
Conc: 317.46 ng/ml



#11 AR-1232-1

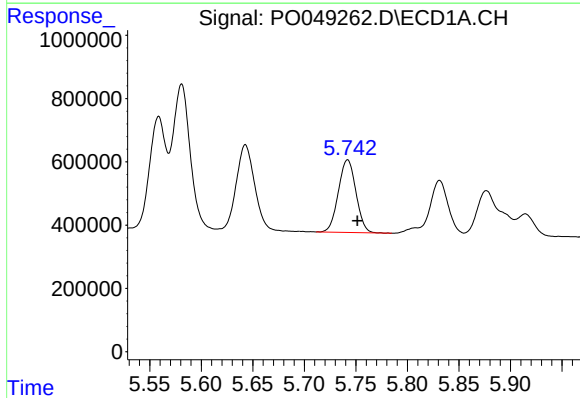
R.T.: 5.559 min
Delta R.T.: 0.063 min
Response: 3773417
Conc: 9665.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



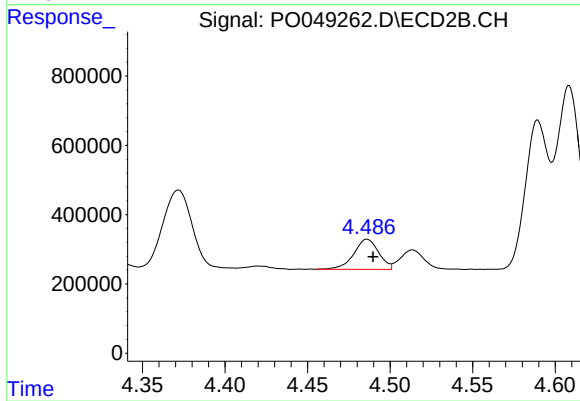
#11 AR-1232-1

R.T.: 4.372 min
Delta R.T.: -0.003 min
Response: 2743042
Conc: 1171.69 ng/ml



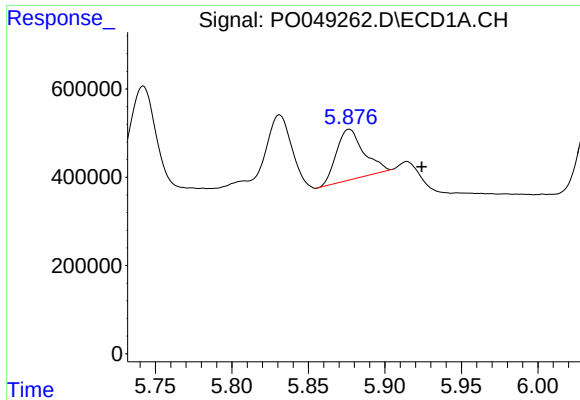
#12 AR-1232-2

R.T.: 5.742 min
Delta R.T.: -0.010 min
Response: 2727134
Conc: 1354.99 ng/ml



#12 AR-1232-2

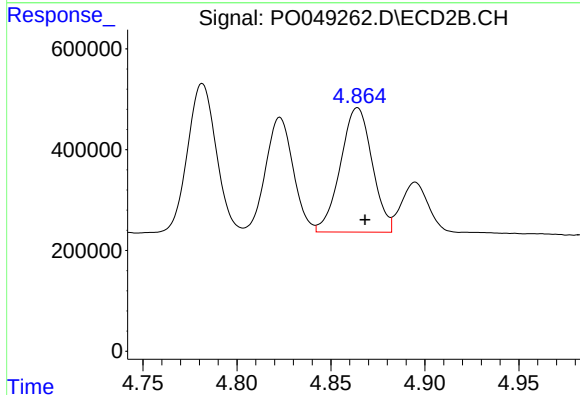
R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 910438
Conc: 1062.63 ng/ml



#13 AR-1232-3

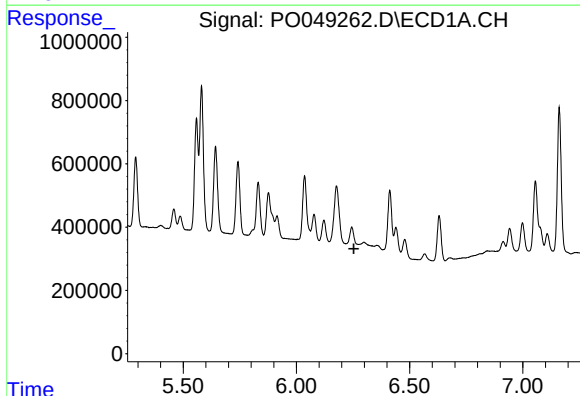
R.T.: 5.877 min
Delta R.T.: -0.047 min
Response: 1423657
Conc: 2666.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



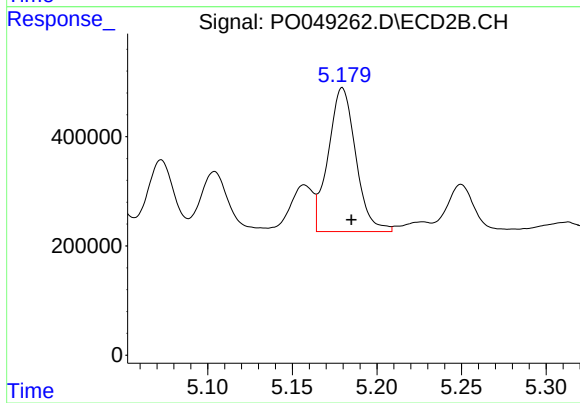
#13 AR-1232-3

R.T.: 4.864 min
Delta R.T.: -0.004 min
Response: 2900057
Conc: 1333.64 ng/ml



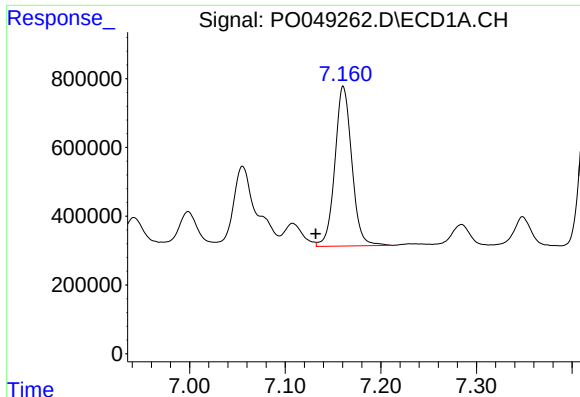
#14 AR-1232-4

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



#14 AR-1232-4

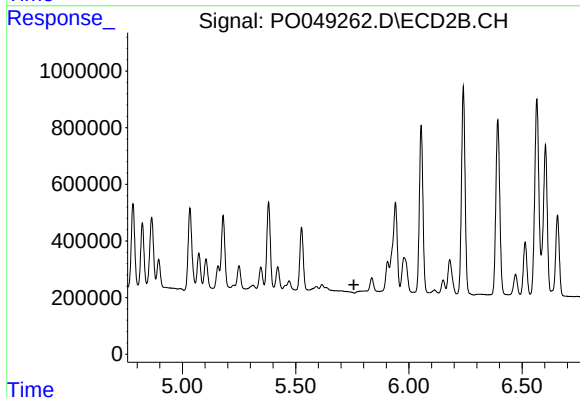
R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 2982712
Conc: 1257.23 ng/ml



#15 AR-1232-5

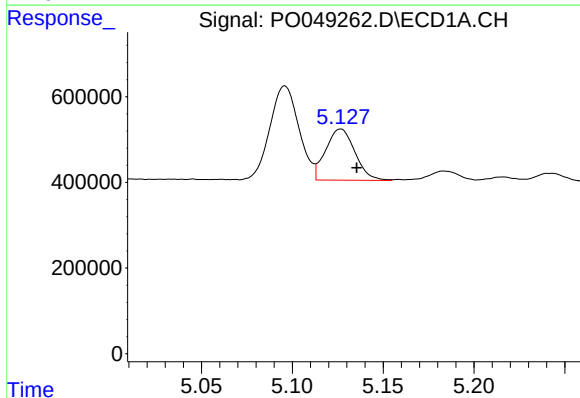
R.T.: 7.161 min
Delta R.T.: 0.029 min
Response: 5693633
Conc: 17588.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



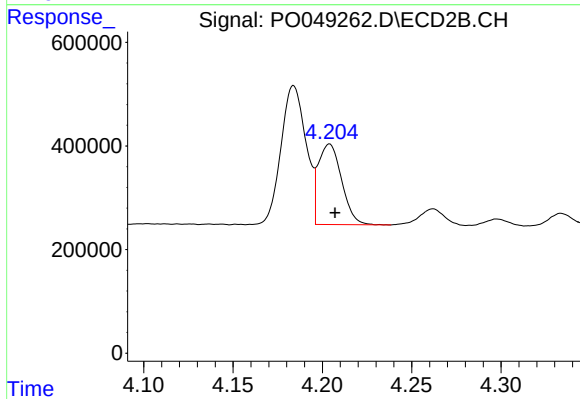
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.757 min
Response: 0
Conc: N.D.



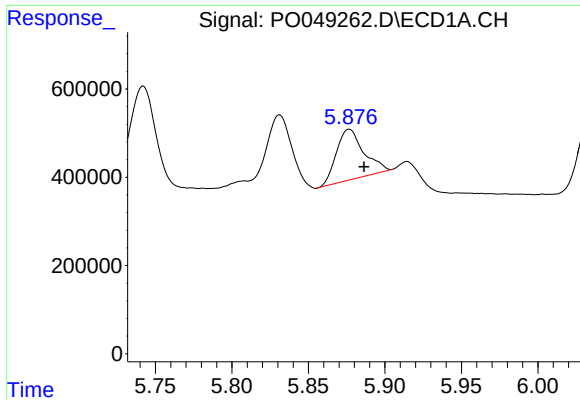
#16 AR-1242-1

R.T.: 5.127 min
Delta R.T.: -0.009 min
Response: 1344790
Conc: 664.49 ng/ml



#16 AR-1242-1

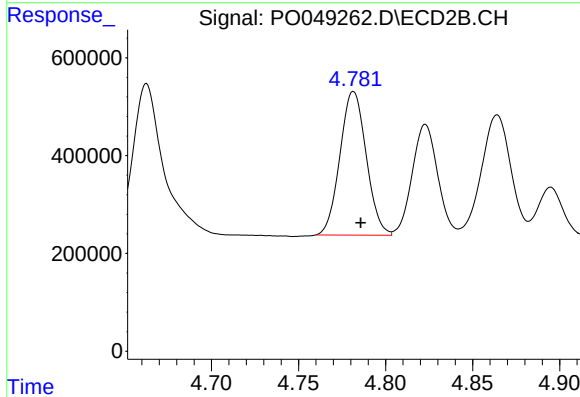
R.T.: 4.204 min
Delta R.T.: -0.003 min
Response: 1412542
Conc: 541.41 ng/ml



#17 AR-1242-2

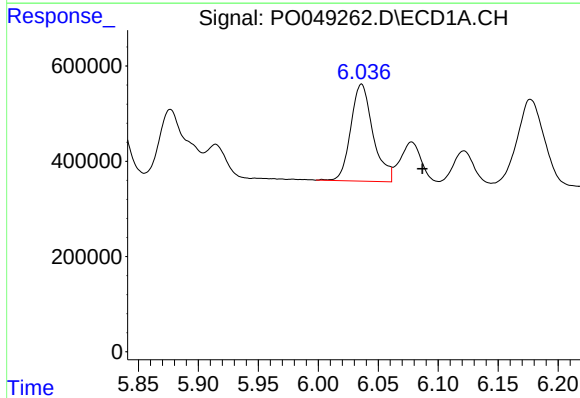
R.T.: 5.877 min
Delta R.T.: -0.010 min
Response: 1423657
Conc: 383.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



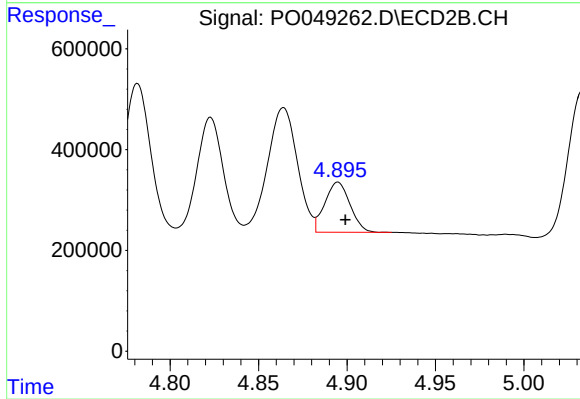
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 3084331
Conc: 571.19 ng/ml



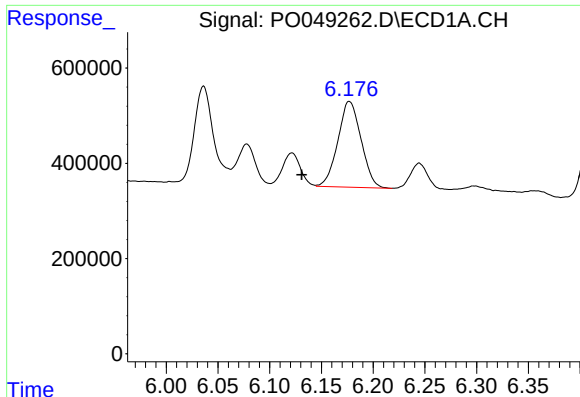
#18 AR-1242-3

R.T.: 6.036 min
Delta R.T.: -0.051 min
Response: 2630640
Conc: 1477.51 ng/ml



#18 AR-1242-3

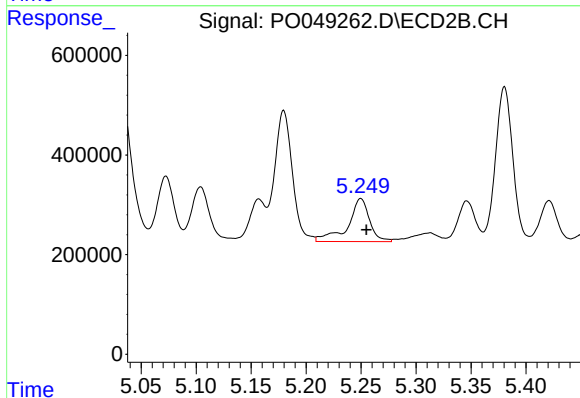
R.T.: 4.895 min
Delta R.T.: -0.004 min
Response: 985913
Conc: 549.71 ng/ml



#19 AR-1242-4

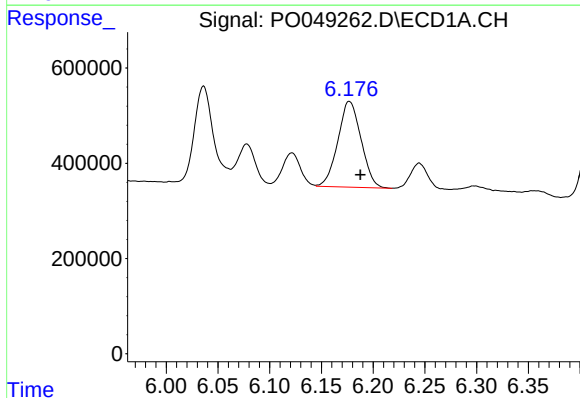
R.T.: 6.177 min
Delta R.T.: 0.046 min
Response: 2810376
Conc: 2058.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



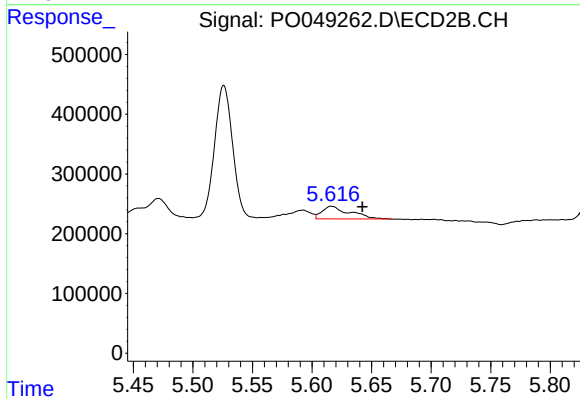
#19 AR-1242-4

R.T.: 5.250 min
Delta R.T.: -0.005 min
Response: 1186867
Conc: 747.81 ng/ml



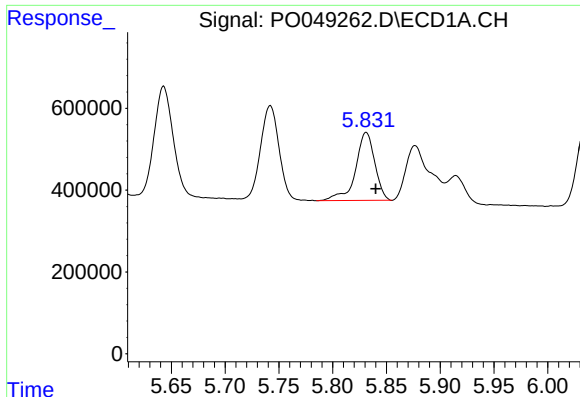
#20 AR-1242-5

R.T.: 6.177 min
Delta R.T.: -0.010 min
Response: 2810376
Conc: 591.76 ng/ml



#20 AR-1242-5

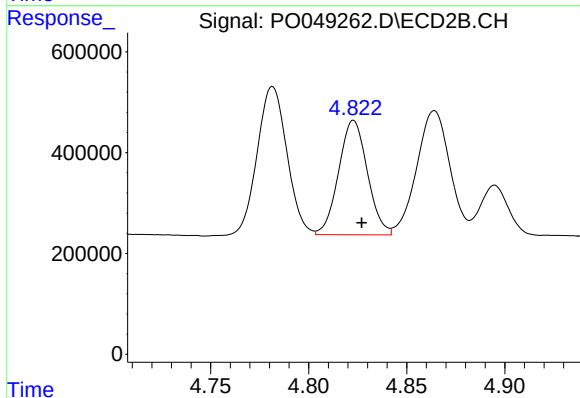
R.T.: 5.617 min
Delta R.T.: -0.026 min
Response: 343917
Conc: 82.44 ng/ml



#21 AR-1248-1

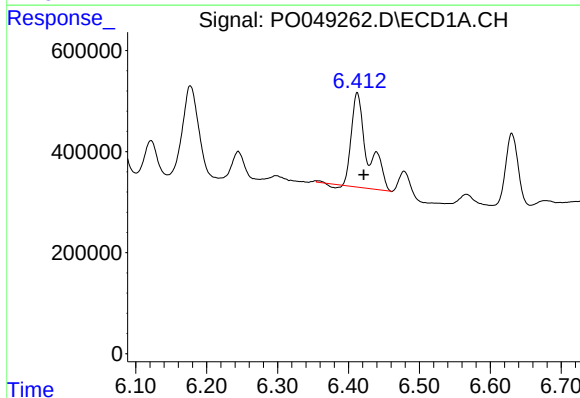
R.T.: 5.831 min
Delta R.T.: -0.009 min
Response: 2069701
Conc: 342.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



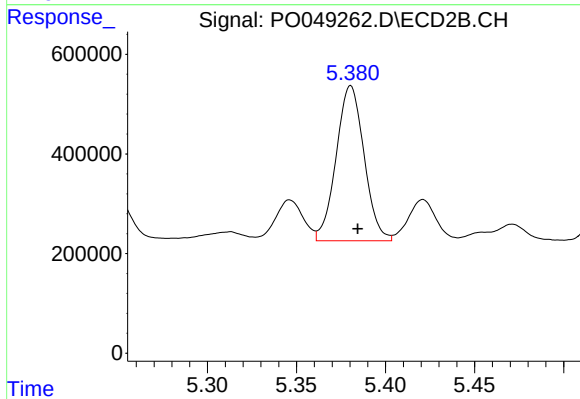
#21 AR-1248-1

R.T.: 4.823 min
Delta R.T.: -0.004 min
Response: 2318327
Conc: 332.34 ng/ml



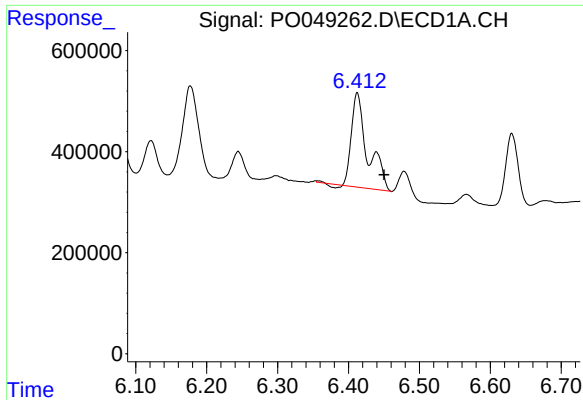
#22 AR-1248-2

R.T.: 6.413 min
Delta R.T.: -0.009 min
Response: 2937622
Conc: 457.36 ng/ml



#22 AR-1248-2

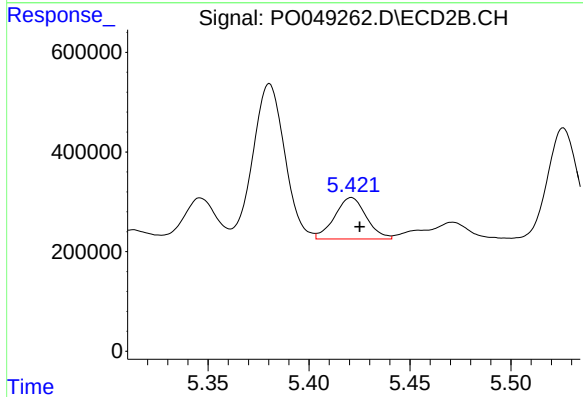
R.T.: 5.380 min
Delta R.T.: -0.004 min
Response: 3403467
Conc: 261.89 ng/ml



#23 AR-1248-3

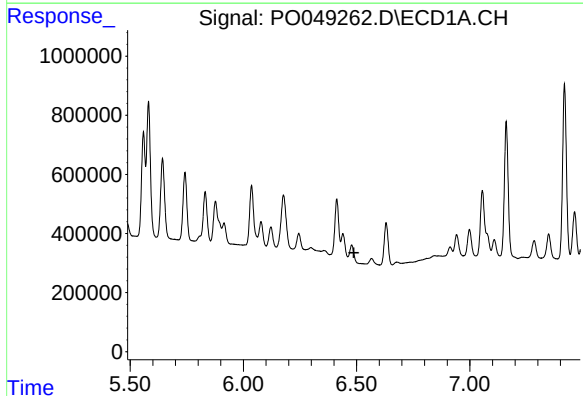
R.T.: 6.413 min
Delta R.T.: -0.038 min
Response: 2937622
Conc: 348.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



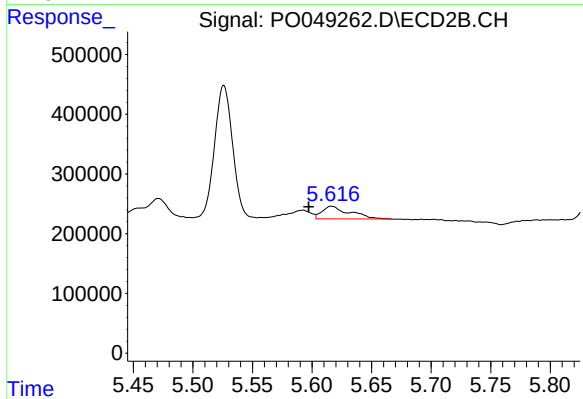
#23 AR-1248-3

R.T.: 5.421 min
Delta R.T.: -0.004 min
Response: 906709
Conc: 98.01 ng/ml



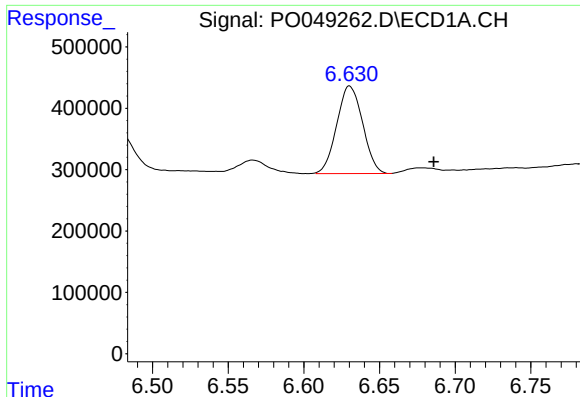
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.488 min
Response: 0
Conc: N.D.



#24 AR-1248-4

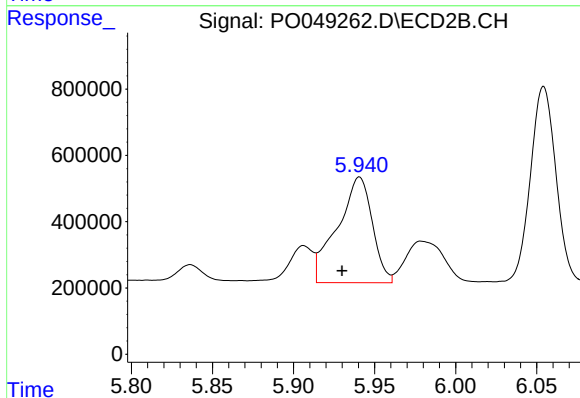
R.T.: 5.617 min
Delta R.T.: 0.019 min
Response: 343917
Conc: 42.37 ng/ml



#25 AR-1248-5

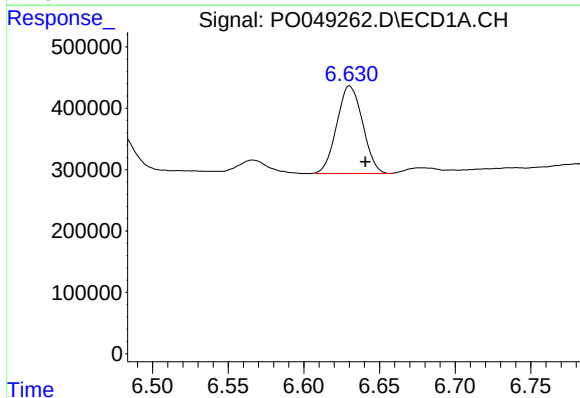
R.T.: 6.631 min
Delta R.T.: -0.055 min
Response: 1693638
Conc: 325.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



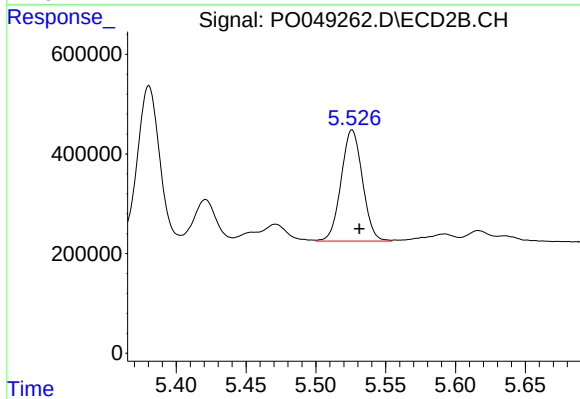
#25 AR-1248-5

R.T.: 5.941 min
Delta R.T.: 0.011 min
Response: 4781504
Conc: 779.88 ng/ml



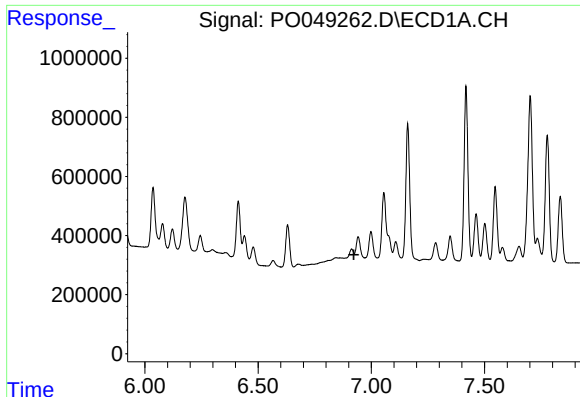
#26 AR-1254-1

R.T.: 6.631 min
Delta R.T.: -0.010 min
Response: 1693638
Conc: 114.45 ng/ml



#26 AR-1254-1

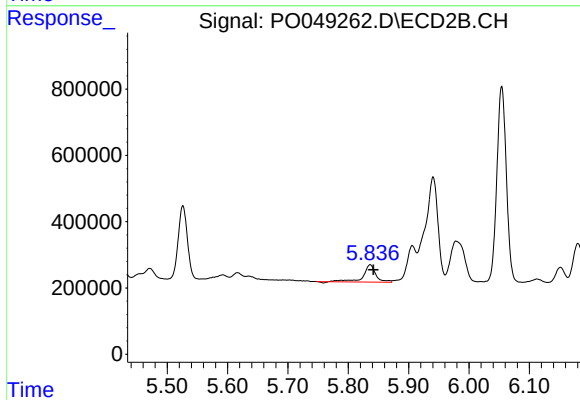
R.T.: 5.526 min
Delta R.T.: -0.005 min
Response: 2375897
Conc: 193.65 ng/ml



#27 AR-1254-2

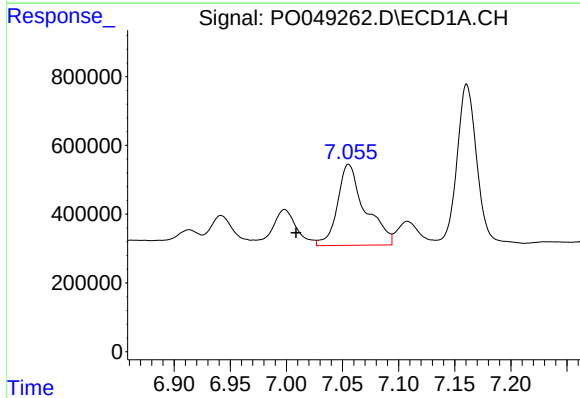
R.T.: 0.000 min
Exp R.T.: 6.923 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



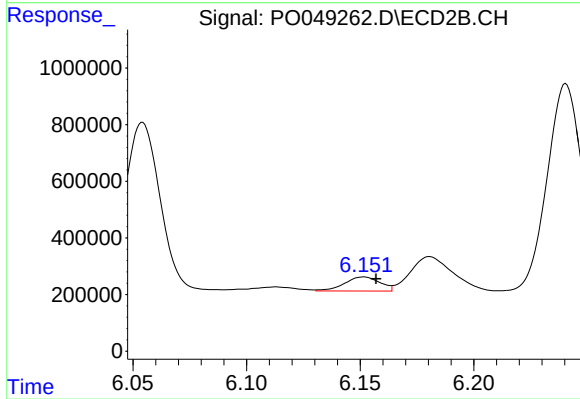
#27 AR-1254-2

R.T.: 5.836 min
Delta R.T.: -0.005 min
Response: 759535
Conc: 70.98 ng/ml



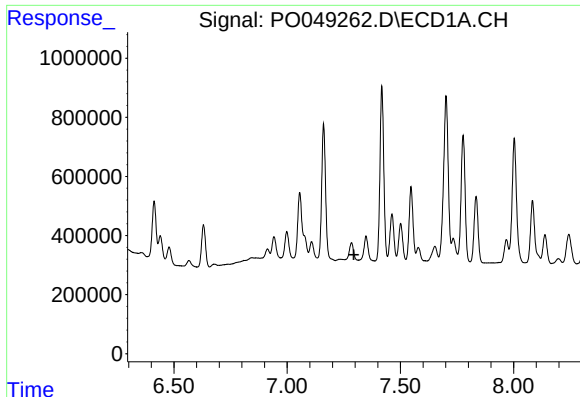
#28 AR-1254-3

R.T.: 7.056 min
Delta R.T.: 0.047 min
Response: 4039708
Conc: 247.25 ng/ml



#28 AR-1254-3

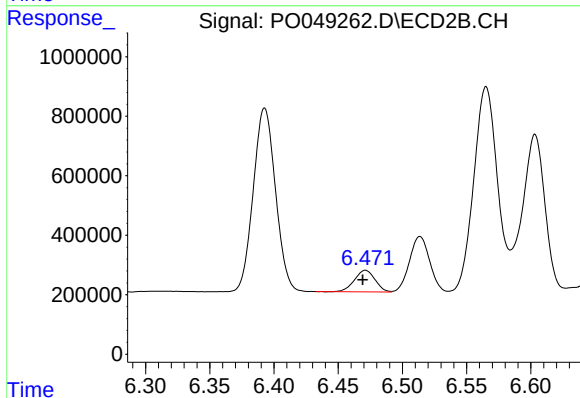
R.T.: 6.152 min
Delta R.T.: -0.005 min
Response: 541761
Conc: 39.38 ng/ml



#29 AR-1254-4

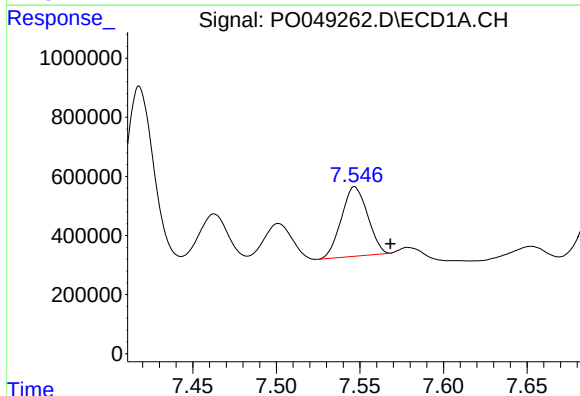
R.T.: 0.000 min
Exp R.T.: 7.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



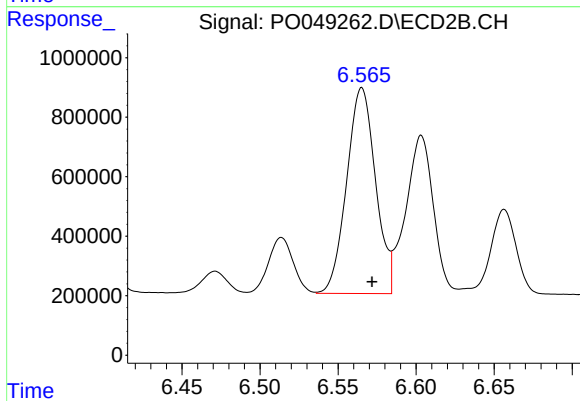
#29 AR-1254-4

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 812024
Conc: 79.30 ng/ml



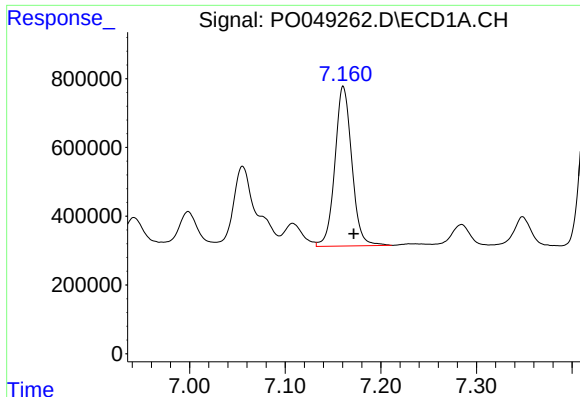
#30 AR-1254-5

R.T.: 7.547 min
Delta R.T.: -0.021 min
Response: 2566362
Conc: 277.61 ng/ml



#30 AR-1254-5

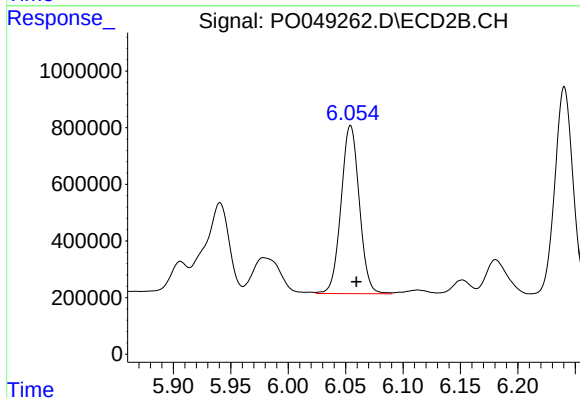
R.T.: 6.565 min
Delta R.T.: -0.007 min
Response: 8907447
Conc: 459.38 ng/ml



#31 AR-1260-1

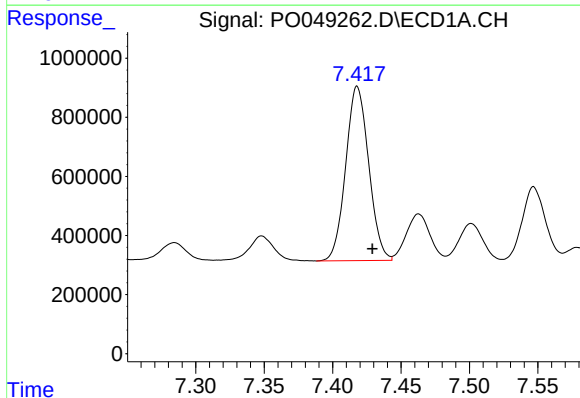
R.T.: 7.161 min
Delta R.T.: -0.011 min
Response: 5693633
Conc: 509.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



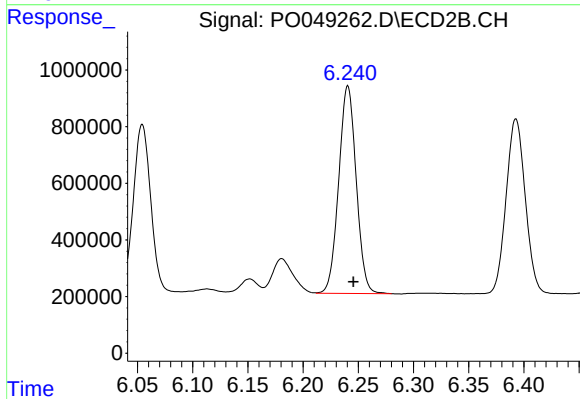
#31 AR-1260-1

R.T.: 6.054 min
Delta R.T.: -0.005 min
Response: 6594954
Conc: 458.66 ng/ml



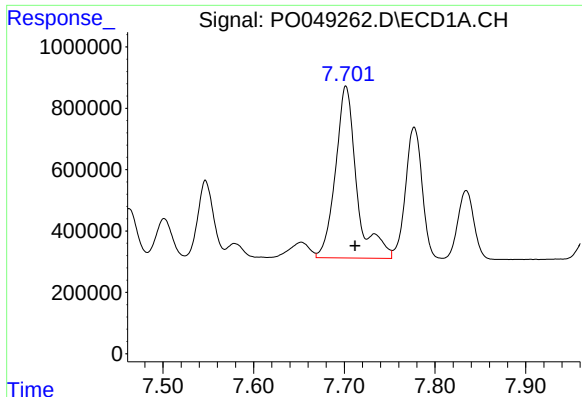
#32 AR-1260-2

R.T.: 7.418 min
Delta R.T.: -0.011 min
Response: 6906280
Conc: 514.72 ng/ml



#32 AR-1260-2

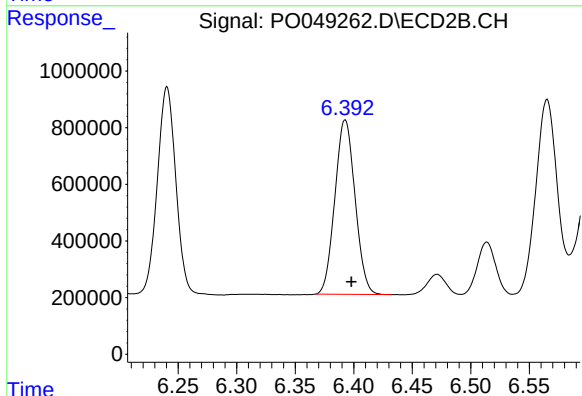
R.T.: 6.241 min
Delta R.T.: -0.005 min
Response: 8084506
Conc: 456.01 ng/ml



#33 AR-1260-3

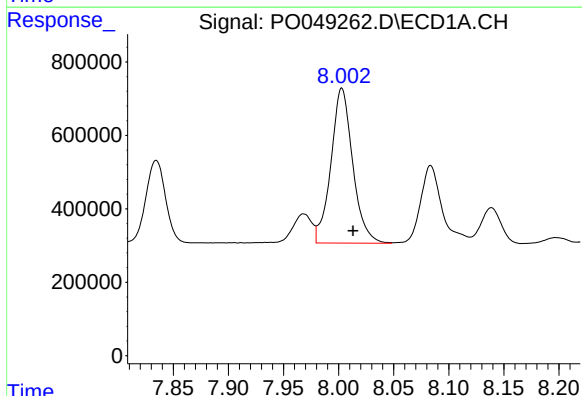
R.T.: 7.702 min
Delta R.T.: -0.010 min
Response: 9108987
Conc: 592.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



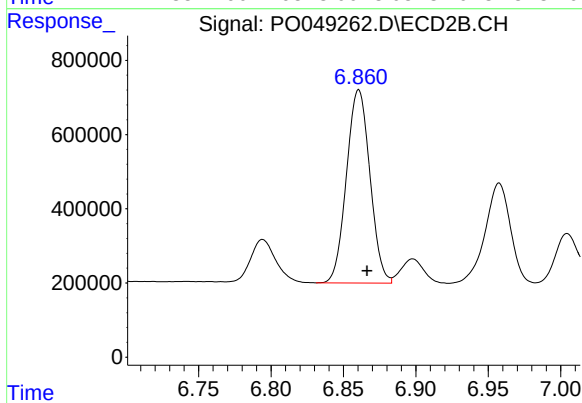
#33 AR-1260-3

R.T.: 6.393 min
Delta R.T.: -0.005 min
Response: 7383592
Conc: 448.57 ng/ml



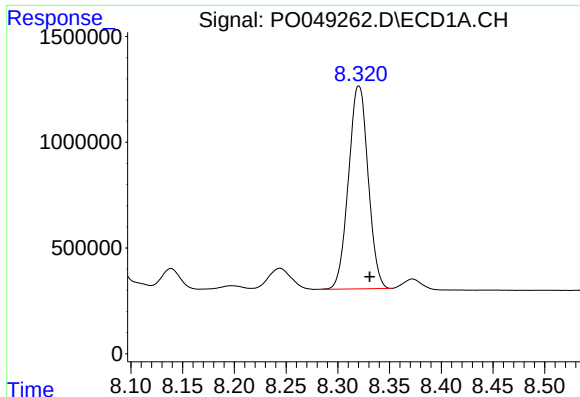
#34 AR-1260-4

R.T.: 8.003 min
Delta R.T.: -0.010 min
Response: 5810233
Conc: 530.96 ng/ml



#34 AR-1260-4

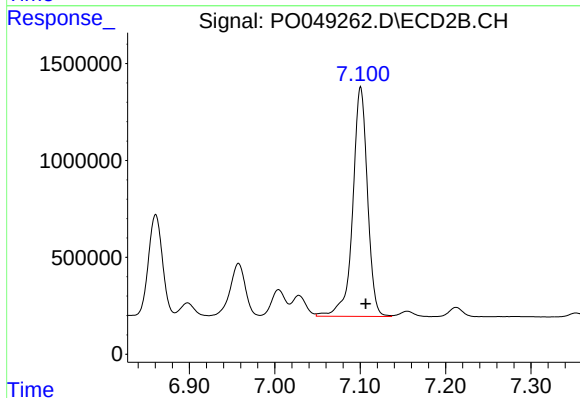
R.T.: 6.861 min
Delta R.T.: -0.006 min
Response: 5871486
Conc: 440.67 ng/ml



#35 AR-1260-5

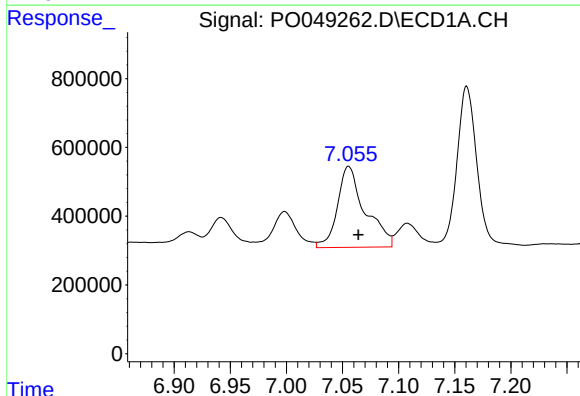
R.T.: 8.320 min
Delta R.T.: -0.011 min
Response: 12682869
Conc: 529.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



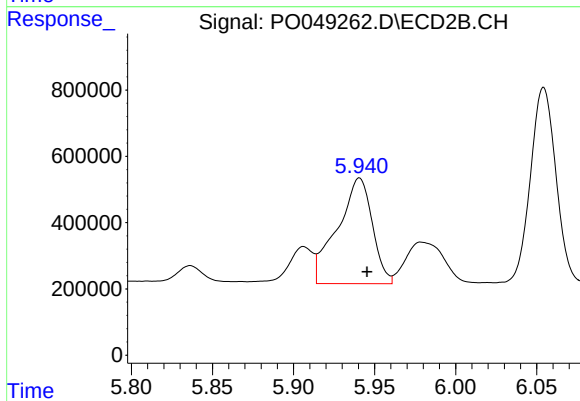
#35 AR-1260-5

R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 14189030
Conc: 452.97 ng/ml



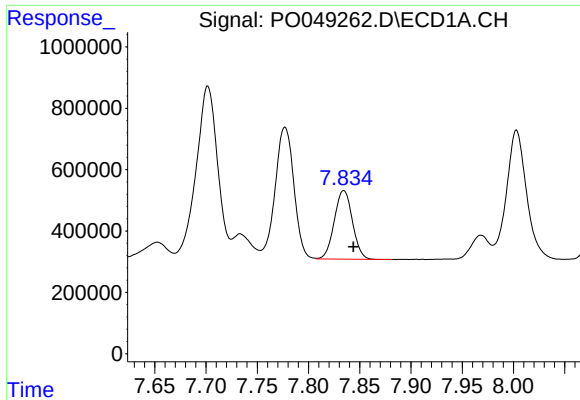
#36 AR-1262-1

R.T.: 7.056 min
Delta R.T.: -0.009 min
Response: 4039708
Conc: 618.54 ng/ml



#36 AR-1262-1

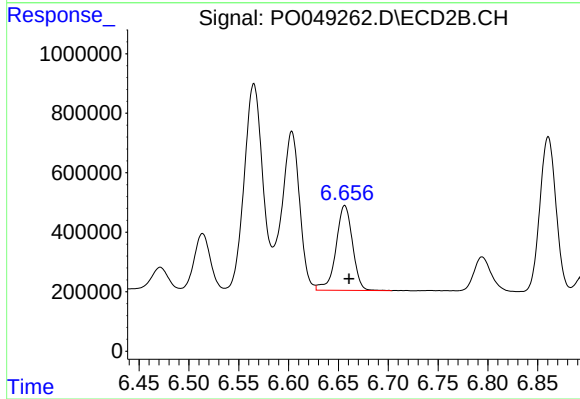
R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 4781504
Conc: 669.89 ng/ml



#37 AR-1262-2

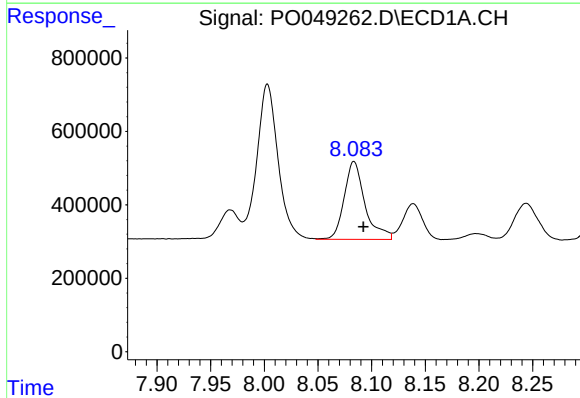
R.T.: 7.834 min
Delta R.T.: -0.009 min
Response: 2744570
Conc: 510.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



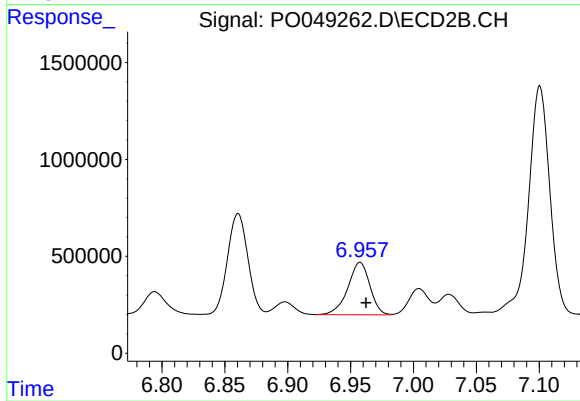
#37 AR-1262-2

R.T.: 6.656 min
Delta R.T.: -0.004 min
Response: 3302238
Conc: 450.09 ng/ml



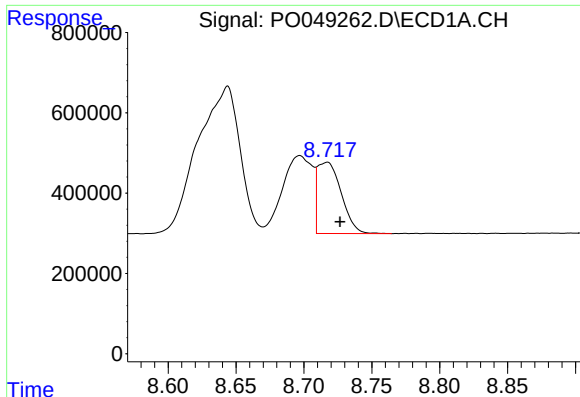
#38 AR-1262-3

R.T.: 8.084 min
Delta R.T.: -0.009 min
Response: 2863311
Conc: 498.29 ng/ml



#38 AR-1262-3

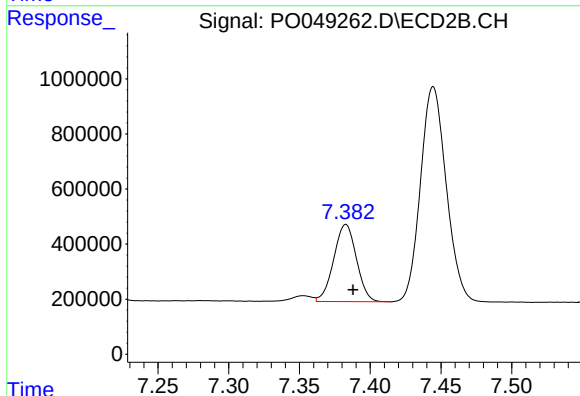
R.T.: 6.958 min
Delta R.T.: -0.005 min
Response: 3305308
Conc: 425.46 ng/ml



#39 AR-1262-4

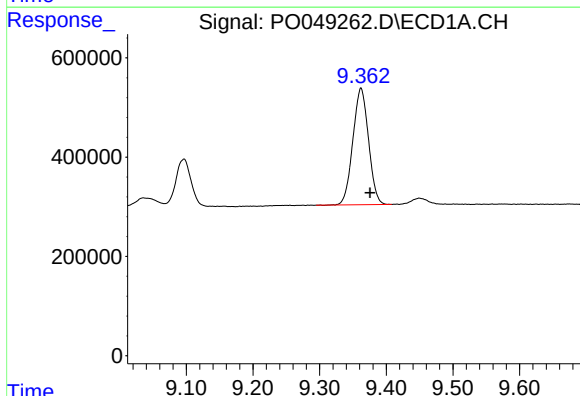
R.T.: 8.716 min
Delta R.T.: -0.011 min
Response: 2167643
Conc: 157.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



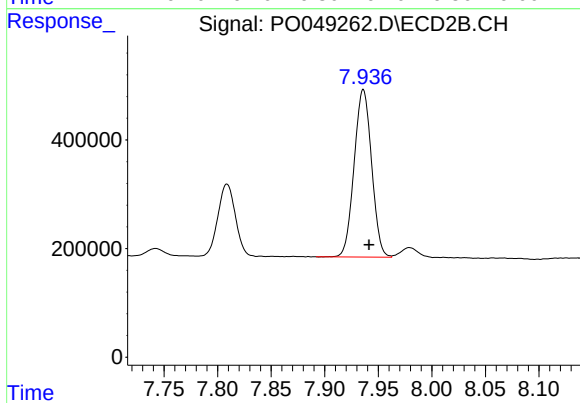
#39 AR-1262-4

R.T.: 7.383 min
Delta R.T.: -0.005 min
Response: 3128616
Conc: 256.81 ng/ml



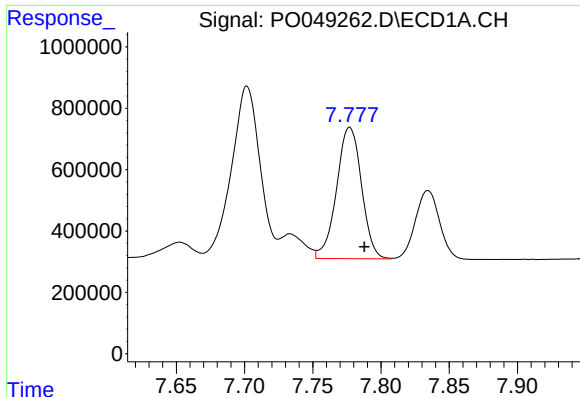
#40 AR-1262-5

R.T.: 9.362 min
Delta R.T.: -0.014 min
Response: 3828633
Conc: 367.53 ng/ml



#40 AR-1262-5

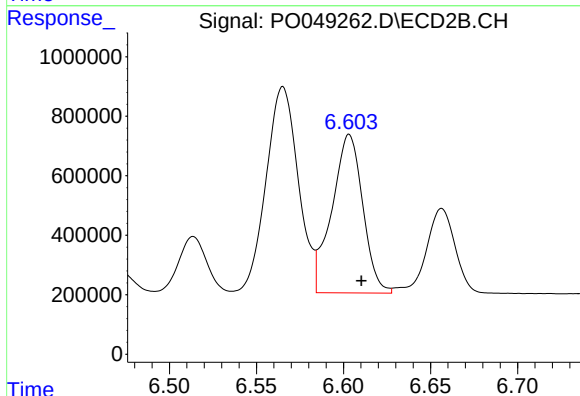
R.T.: 7.936 min
Delta R.T.: -0.005 min
Response: 3502775
Conc: 344.31 ng/ml



#41 AR-1268-1

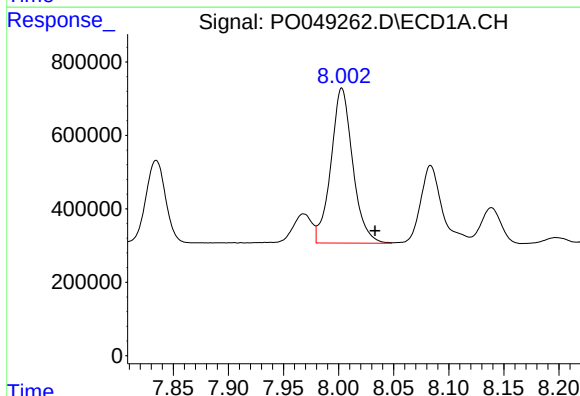
R.T.: 7.777 min
Delta R.T.: -0.011 min
Response: 5457112
Conc: 945.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



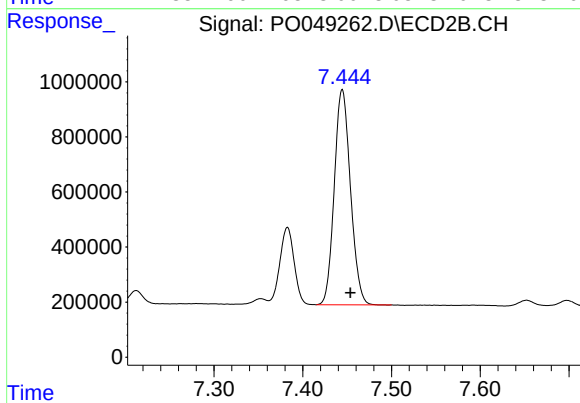
#41 AR-1268-1

R.T.: 6.603 min
Delta R.T.: -0.007 min
Response: 6585092
Conc: 899.39 ng/ml



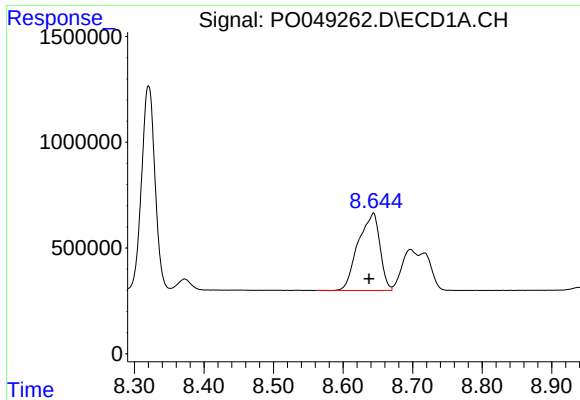
#42 AR-1268-2

R.T.: 8.003 min
Delta R.T.: -0.030 min
Response: 5810233
Conc: 761.44 ng/ml



#42 AR-1268-2

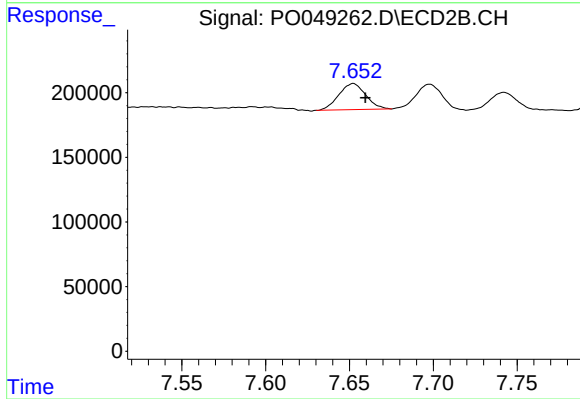
R.T.: 7.445 min
Delta R.T.: -0.009 min
Response: 9895687
Conc: 298.05 ng/ml



#43 AR-1268-3

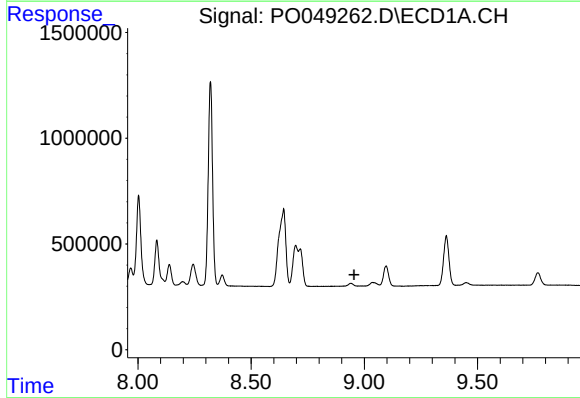
R.T.: 8.643 min
Delta R.T.: 0.006 min
Response: 7921829
Conc: 233.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



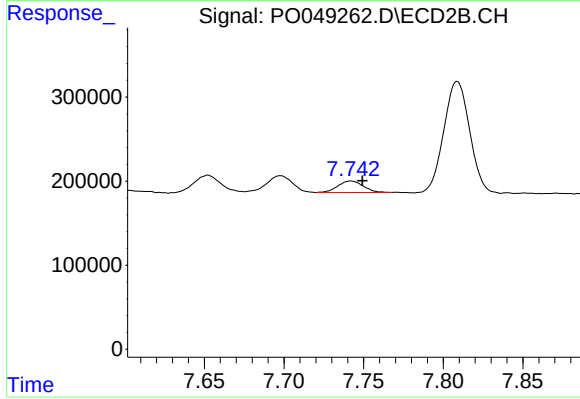
#43 AR-1268-3

R.T.: 7.652 min
Delta R.T.: -0.007 min
Response: 225489
Conc: 8.23 ng/ml



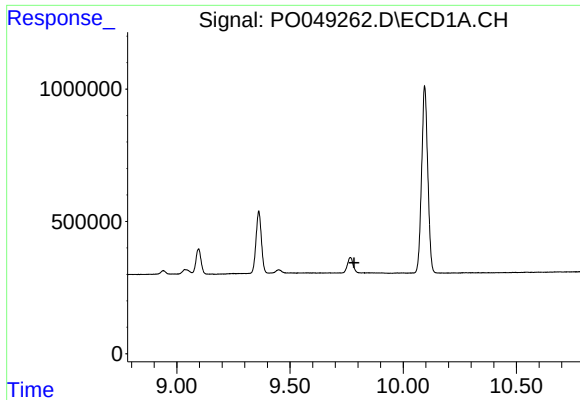
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#44 AR-1268-4

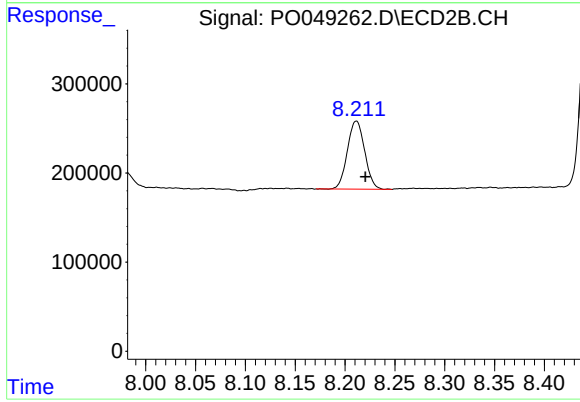
R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 152139
Conc: 19.57 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.211 min
Delta R.T.: -0.009 min
Response: 925579
Conc: 12.48 ng/ml