

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121918\
 Data File : PO052737.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Dec 2018 12:28
 Operator : SM/SJ
 Sample : J6438-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 23571

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 13:28:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Dec 16 03:01:24 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...	4.254	3.275	15041860	3966246	19.181	18.717
2)	SA Decachlor...	9.808	7.965	9577845	3406154	19.009	15.439
Target Compounds							
3)	L1 AR-1016-1	5.378	0.000	959337	0	46.876	N.D. #
4)	L1 AR-1016-2	5.470	0.000	3492065	0	111.808	N.D. #
5)	L1 AR-1016-3	5.470	4.394	3492065	195791	184.460	35.435 #
6)	L1 AR-1016-4	5.593	4.531	2777238	174353	184.843	36.063 #
7)	L1 AR-1016-5	5.884	4.725	3348062	944944	224.023	146.803 #
8)	L2 AR-1221-1	4.485	0.000	898928	0	122.161	N.D. #
9)	L2 AR-1221-2	4.558	0.000	727045	0	133.204	N.D. #
10)	L2 AR-1221-3	4.601	0.000	881546	0	49.669	N.D. #
11)	L3 AR-1232-1	4.601	0.000	881546	0	62.144	N.D. #
12)	L3 AR-1232-2	5.139	0.000	5453951	0	736.276	N.D. #
13)	L3 AR-1232-3	5.470	4.394	3492065	195791	228.156	76.961 #
14)	L3 AR-1232-4	5.593	4.531	2777238	174353	404.191	75.808 #
15)	L3 AR-1232-5	5.676	4.725	1333547	944944	289.058	354.496
16)	L4 AR-1242-1	5.378	0.000	959337	0	52.729	N.D. #
17)	L4 AR-1242-2	5.470	0.000	3492065	0	126.203	N.D. #
18)	L4 AR-1242-3	5.470	4.394	3492065	195791	210.889	40.667 #
19)	L4 AR-1242-4	5.593	4.531	2777238	174353	211.854	35.609 #
20)	L4 AR-1242-5	6.318	5.018	903410	1734852	64.135	290.028 #
21)	L5 AR-1248-1	5.378	0.000	959337	0	69.327	N.D. #
22)	L5 AR-1248-2	5.676	4.531	1333547	174353	69.997	25.151 #
23)	L5 AR-1248-3	5.884	4.531	3348062	174353	154.934	25.104 #
24)	L5 AR-1248-4	6.280	4.725	2448831	944944	107.381	110.399
25)	L5 AR-1248-5	6.318	5.018	903410	1734852	41.373	209.155 #
26)	L6 AR-1254-1	6.254	5.018	4425203	1734852	177.121	125.838 #
27)	L6 AR-1254-2	6.467	5.160	6477232	1243468	167.251	101.422 #
28)	L6 AR-1254-3	6.833	5.538	6481977	1818284	164.521	94.363 #
29)	L6 AR-1254-4	7.117	5.761	4403927	1222687	160.389	109.544 #
30)	L6 AR-1254-5	7.532	6.157	5755938	2174465	197.778	130.475 #
31)	L7 AR-1260-1	6.992	5.663	3256492	1023928	111.472	74.664 #
32)	L7 AR-1260-2	7.247	5.848	3196262	1544544	91.379	92.947
33)	L7 AR-1260-3	7.595	5.985	872411	865717	37.484	56.623 #
34)	L7 AR-1260-4	7.821	6.475	2830138	991234	113.674	98.511
35)	L7 AR-1260-5	8.135	6.681	3631930	284492	74.078	12.002 #
36)	L8 AR-1262-1	7.595	6.221	872411	91513	22.157	5.033 #
37)	L8 AR-1262-2	8.135	6.681	3631930	284492	58.742	9.964 #
38)	L8 AR-1262-3	8.441	6.940	12624812	1478029	304.250	124.295 #
39)	L8 AR-1262-4	8.554	7.011	4003414	675035	116.877	31.429 #
40)	L8 AR-1262-5	0.000	7.499	0	1414290	N.D.	160.808 #
41)	L9 AR-1268-1	8.441	6.940	12624812	1478029	139.924	38.066 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121918\
Data File : P0052737.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Dec 2018 12:28
Operator : SM/SJ
Sample : J6438-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

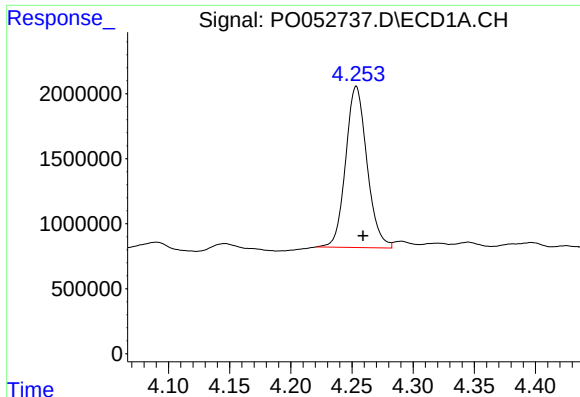
Instrument :
ECD_O
ClientSampleId :
23571

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 13:28:47 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121518.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Dec 16 03:01:24 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
42)	L9 AR-1268-2	8.554	7.011	4003414	675035	46.813	18.292 #
43)	L9 AR-1268-3	0.000	7.243	0	1429420	N.D.	44.452 #
44)	L9 AR-1268-4	0.000	7.499	0	1414290	N.D.	123.446 #
45)	L9 AR-1268-5	9.459	7.732	2946903	487835	13.629	5.459 #

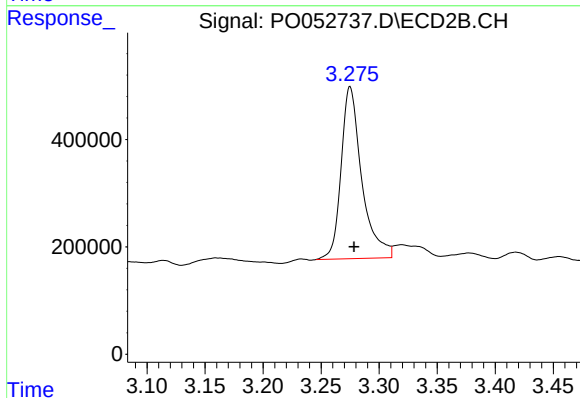
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

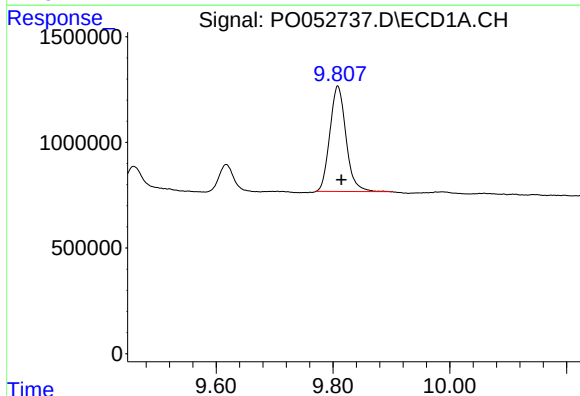
R.T.: 4.254 min
Delta R.T.: -0.005 min
Response: 15041860
Conc: 19.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



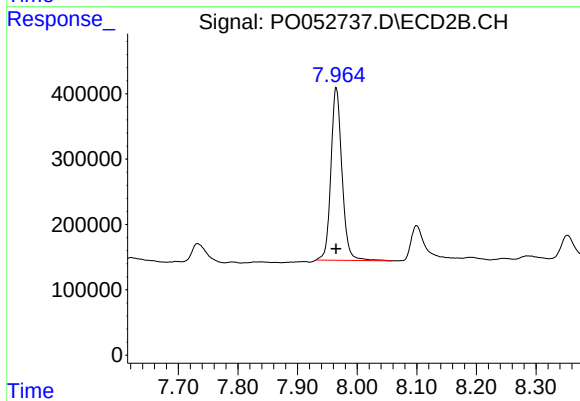
#1 Tetrachloro-m-xylene

R.T.: 3.275 min
Delta R.T.: -0.003 min
Response: 3966246
Conc: 18.72 ng/ml



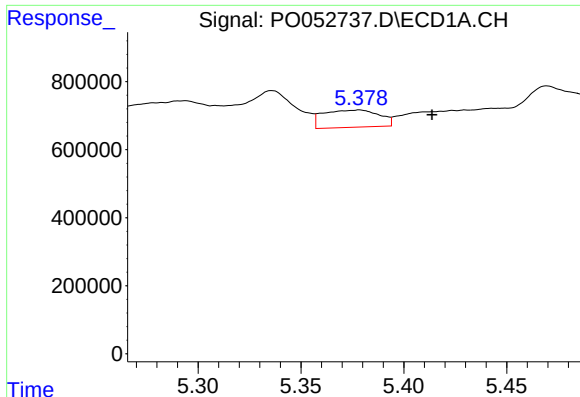
#2 Decachlorobiphenyl

R.T.: 9.808 min
Delta R.T.: -0.006 min
Response: 9577845
Conc: 19.01 ng/ml



#2 Decachlorobiphenyl

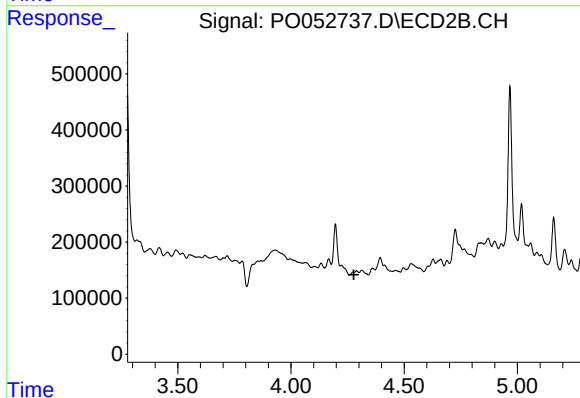
R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 3406154
Conc: 15.44 ng/ml



#3 AR-1016-1

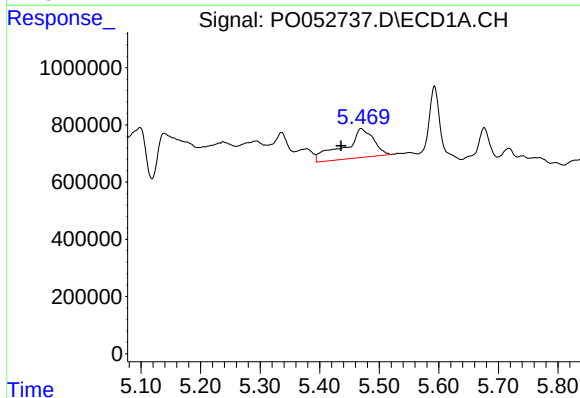
R.T.: 5.378 min
Delta R.T.: -0.035 min
Response: 959337
Conc: 46.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



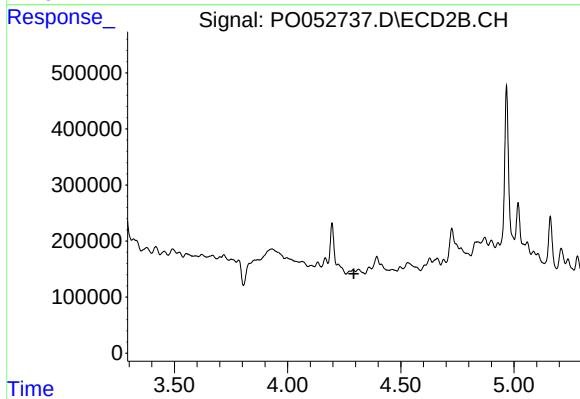
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.278 min
Response: 0
Conc: N.D.



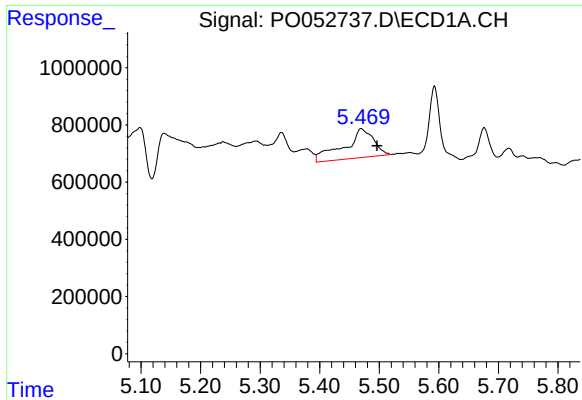
#4 AR-1016-2

R.T.: 5.470 min
Delta R.T.: 0.034 min
Response: 3492065
Conc: 111.81 ng/ml



#4 AR-1016-2

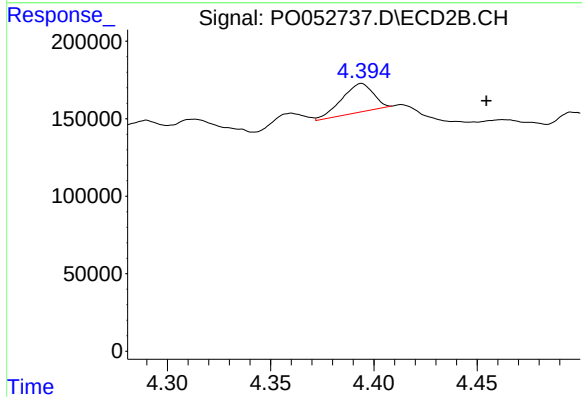
R.T.: 0.000 min
Exp R.T. : 4.292 min
Response: 0
Conc: N.D.



#5 AR-1016-3

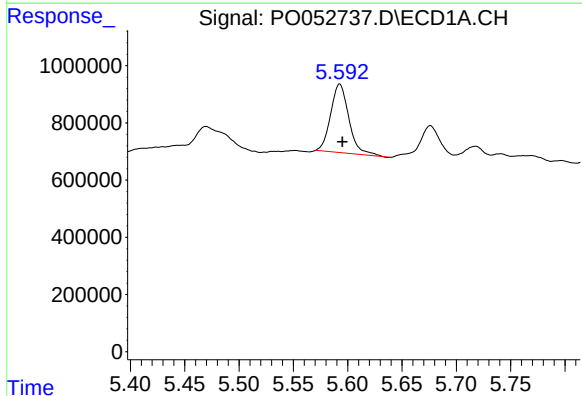
R.T.: 5.470 min
Delta R.T.: -0.026 min
Response: 3492065
Conc: 184.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



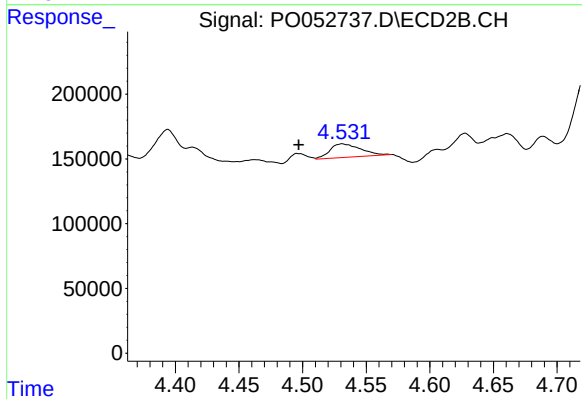
#5 AR-1016-3

R.T.: 4.394 min
Delta R.T.: -0.060 min
Response: 195791
Conc: 35.44 ng/ml



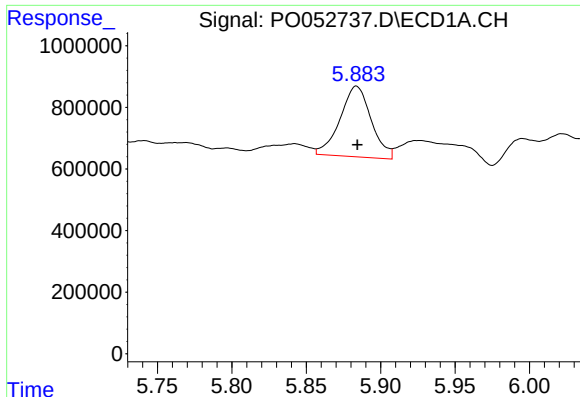
#6 AR-1016-4

R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 2777238
Conc: 184.84 ng/ml



#6 AR-1016-4

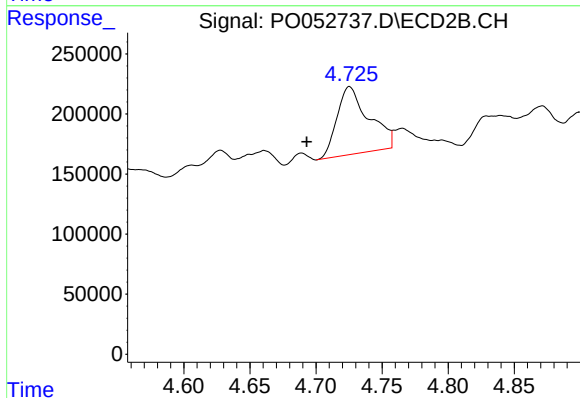
R.T.: 4.531 min
Delta R.T.: 0.034 min
Response: 174353
Conc: 36.06 ng/ml



#7 AR-1016-5

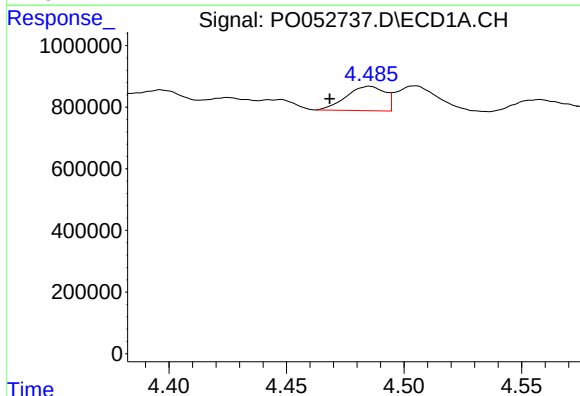
R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 3348062
Conc: 224.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



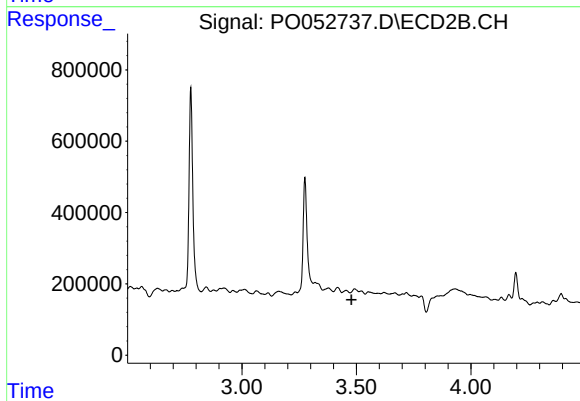
#7 AR-1016-5

R.T.: 4.725 min
Delta R.T.: 0.032 min
Response: 944944
Conc: 146.80 ng/ml



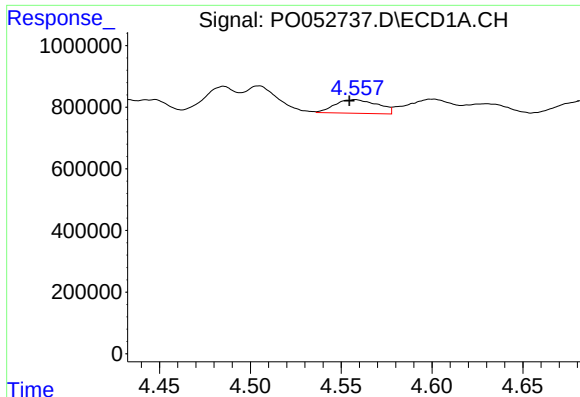
#8 AR-1221-1

R.T.: 4.485 min
Delta R.T.: 0.017 min
Response: 898928
Conc: 122.16 ng/ml



#8 AR-1221-1

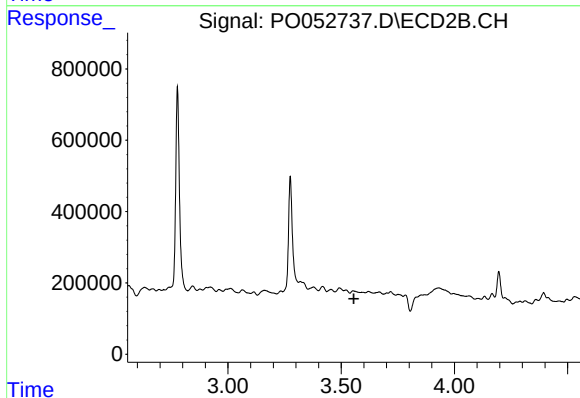
R.T.: 0.000 min
Exp R.T. : 3.478 min
Response: 0
Conc: N.D.



#9 AR-1221-2

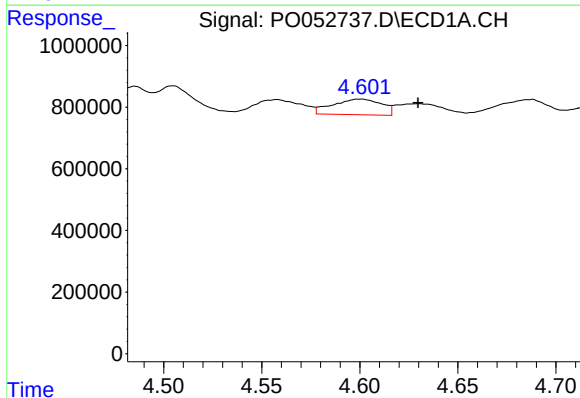
R.T.: 4.558 min
Delta R.T.: 0.003 min
Response: 727045
Conc: 133.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



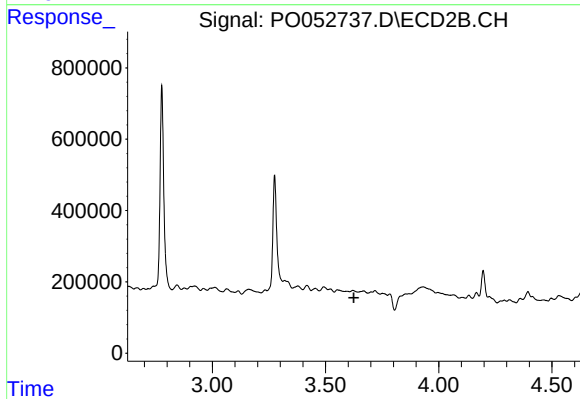
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.556 min
Response: 0
Conc: N.D.



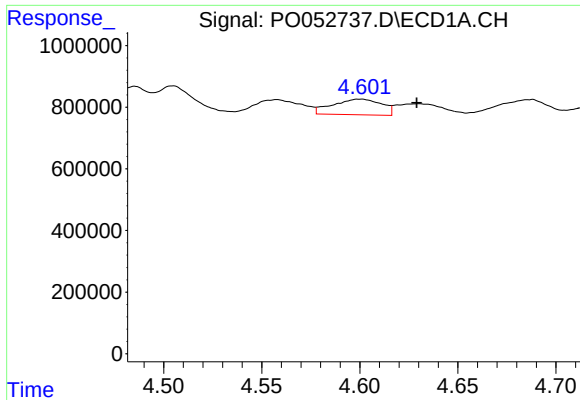
#10 AR-1221-3

R.T.: 4.601 min
Delta R.T.: -0.028 min
Response: 881546
Conc: 49.67 ng/ml



#10 AR-1221-3

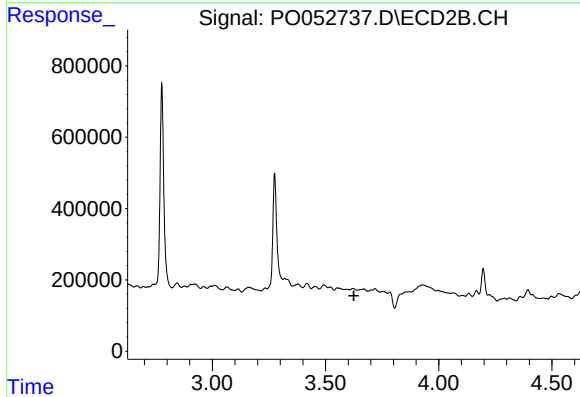
R.T.: 0.000 min
Exp R.T. : 3.625 min
Response: 0
Conc: N.D.



#11 AR-1232-1

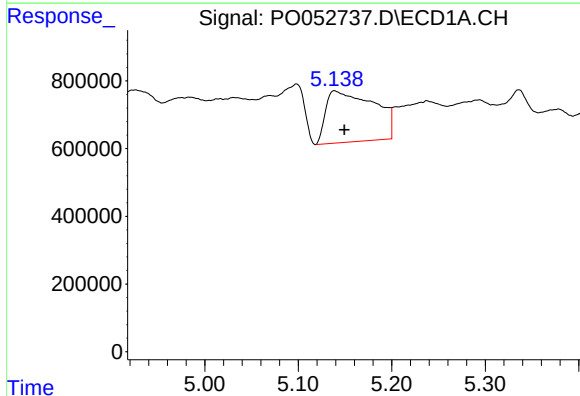
R.T.: 4.601 min
Delta R.T.: -0.028 min
Response: 881546
Conc: 62.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



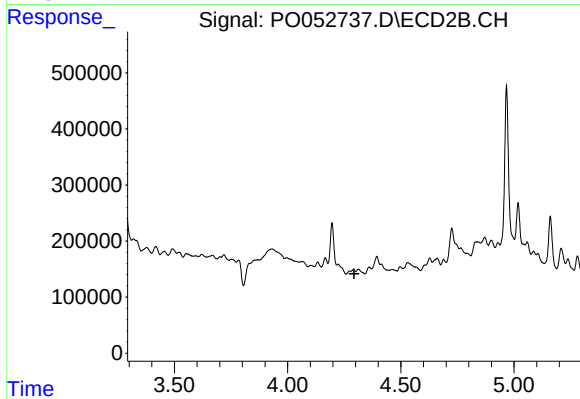
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.625 min
Response: 0
Conc: N.D.



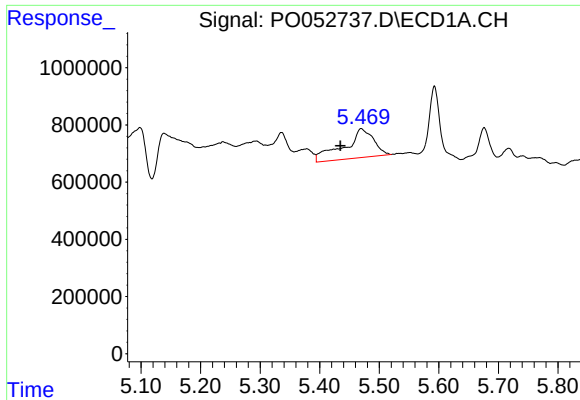
#12 AR-1232-2

R.T.: 5.139 min
Delta R.T.: -0.011 min
Response: 5453951
Conc: 736.28 ng/ml



#12 AR-1232-2

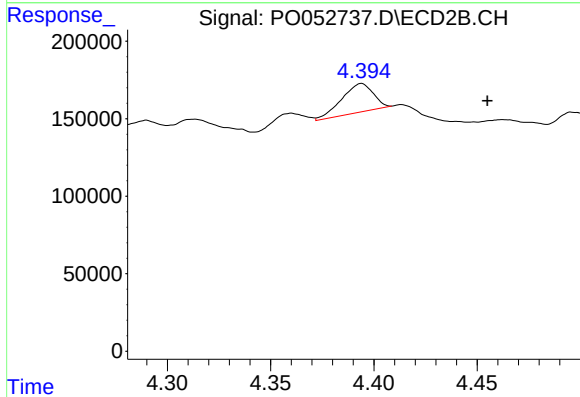
R.T.: 0.000 min
Exp R.T. : 4.293 min
Response: 0
Conc: N.D.



#13 AR-1232-3

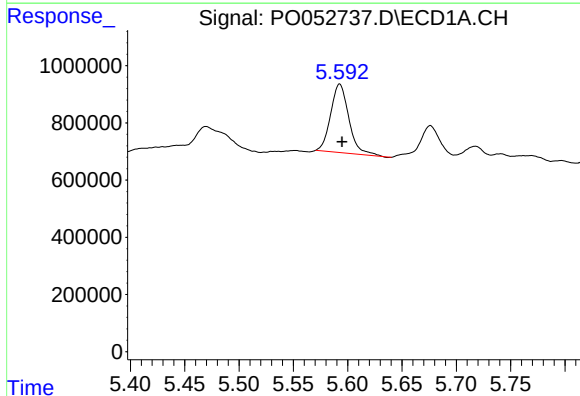
R.T.: 5.470 min
Delta R.T.: 0.035 min
Response: 3492065
Conc: 228.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



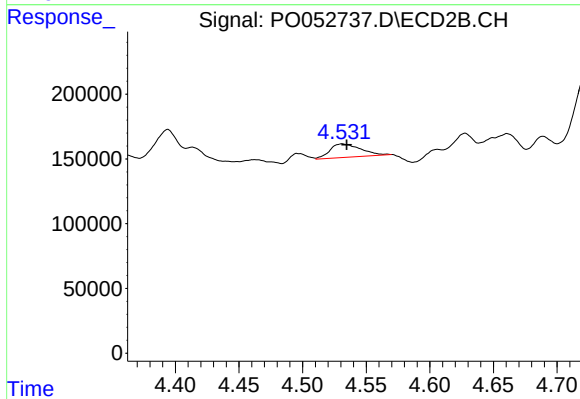
#13 AR-1232-3

R.T.: 4.394 min
Delta R.T.: -0.061 min
Response: 195791
Conc: 76.96 ng/ml



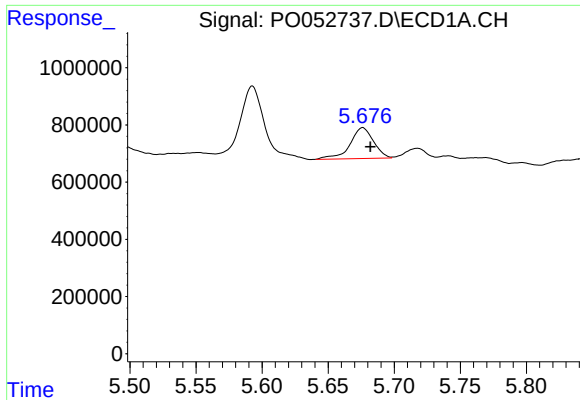
#14 AR-1232-4

R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 2777238
Conc: 404.19 ng/ml



#14 AR-1232-4

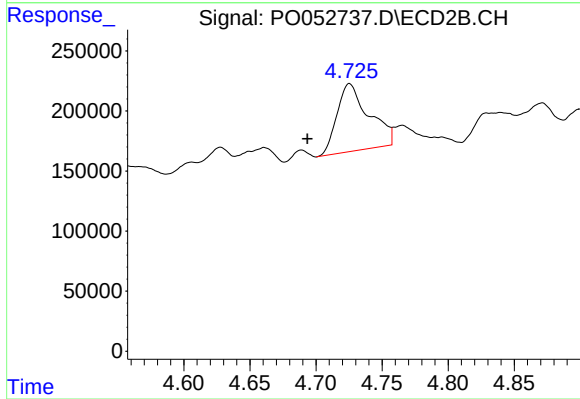
R.T.: 4.531 min
Delta R.T.: -0.004 min
Response: 174353
Conc: 75.81 ng/ml



#15 AR-1232-5

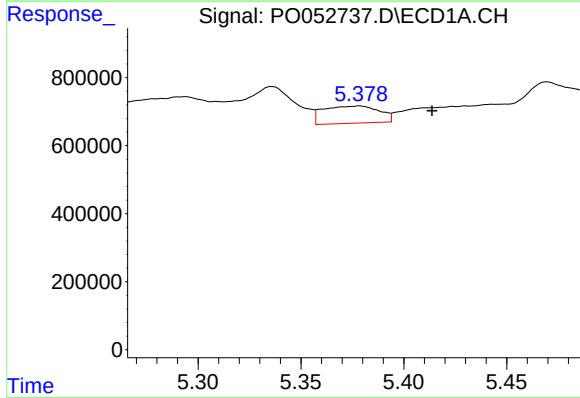
R.T.: 5.676 min
Delta R.T.: -0.006 min
Response: 1333547
Conc: 289.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



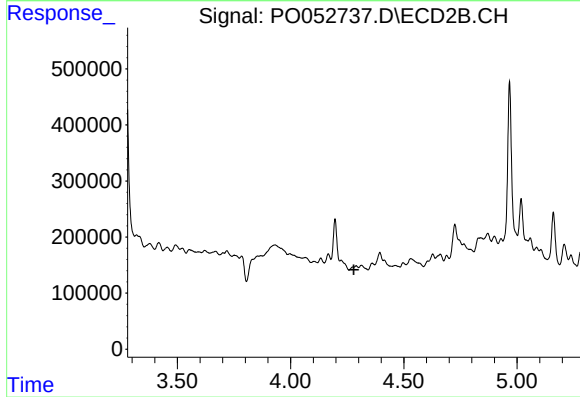
#15 AR-1232-5

R.T.: 4.725 min
Delta R.T.: 0.032 min
Response: 944944
Conc: 354.50 ng/ml



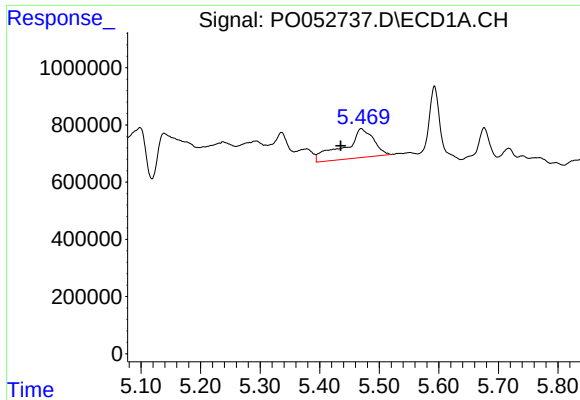
#16 AR-1242-1

R.T.: 5.378 min
Delta R.T.: -0.035 min
Response: 959337
Conc: 52.73 ng/ml



#16 AR-1242-1

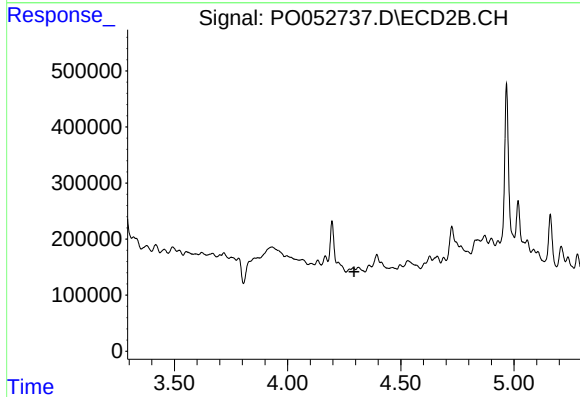
R.T.: 0.000 min
Exp R.T.: 4.279 min
Response: 0
Conc: N.D.



#17 AR-1242-2

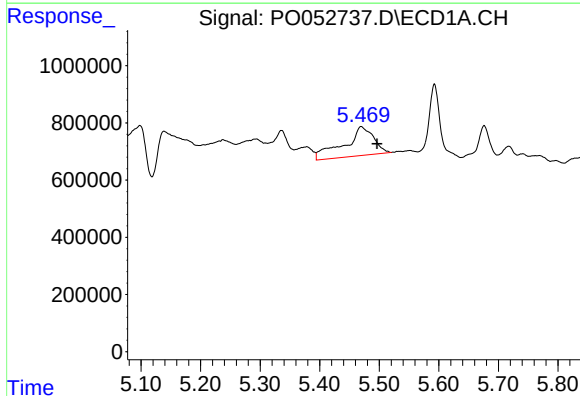
R.T.: 5.470 min
Delta R.T.: 0.034 min
Response: 3492065
Conc: 126.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



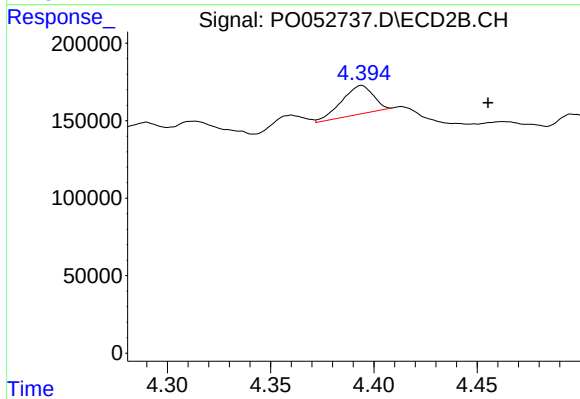
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.293 min
Response: 0
Conc: N.D.



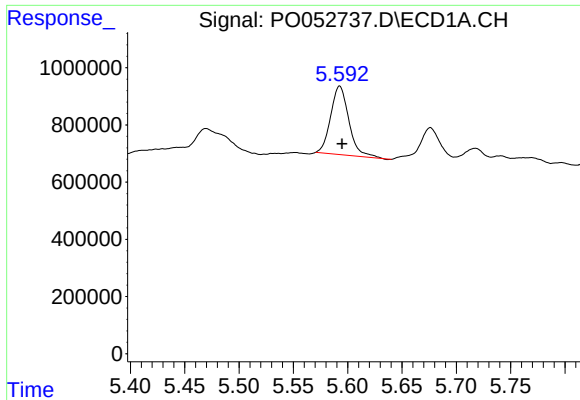
#18 AR-1242-3

R.T.: 5.470 min
Delta R.T.: -0.027 min
Response: 3492065
Conc: 210.89 ng/ml



#18 AR-1242-3

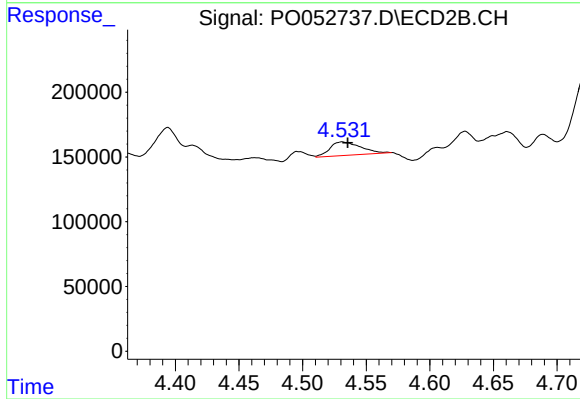
R.T.: 4.394 min
Delta R.T.: -0.061 min
Response: 195791
Conc: 40.67 ng/ml



#19 AR-1242-4

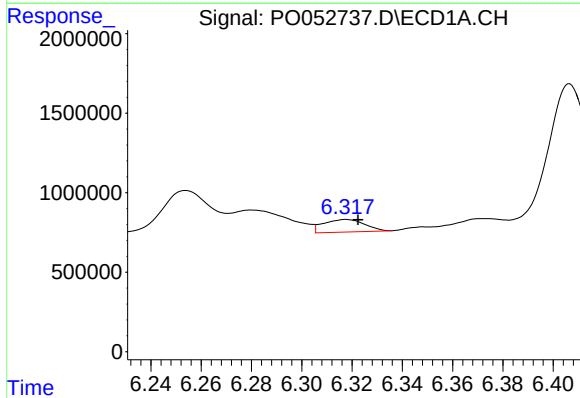
R.T.: 5.593 min
Delta R.T.: -0.002 min
Response: 2777238
Conc: 211.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



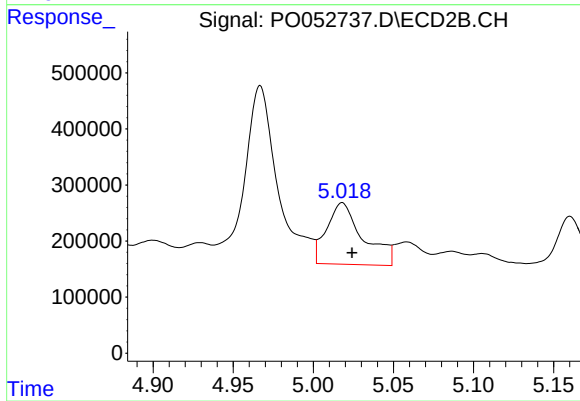
#19 AR-1242-4

R.T.: 4.531 min
Delta R.T.: -0.004 min
Response: 174353
Conc: 35.61 ng/ml



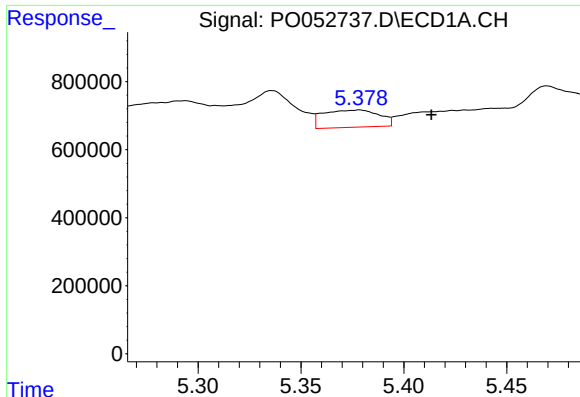
#20 AR-1242-5

R.T.: 6.318 min
Delta R.T.: -0.005 min
Response: 903410
Conc: 64.14 ng/ml



#20 AR-1242-5

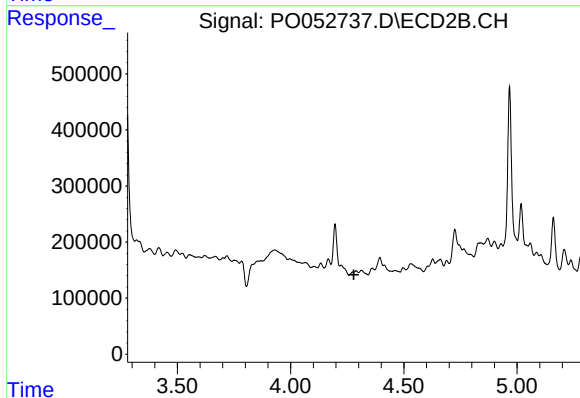
R.T.: 5.018 min
Delta R.T.: -0.006 min
Response: 1734852
Conc: 290.03 ng/ml



#21 AR-1248-1

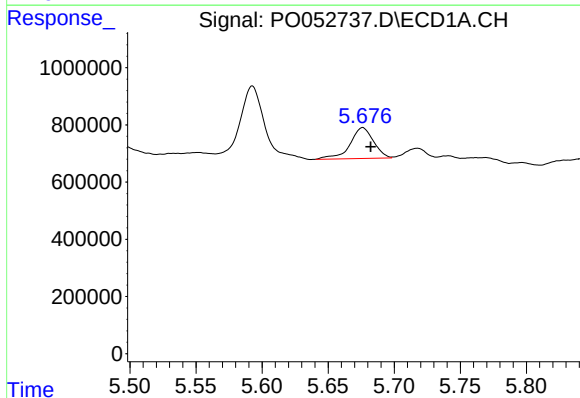
R.T.: 5.378 min
Delta R.T.: -0.035 min
Response: 959337
Conc: 69.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



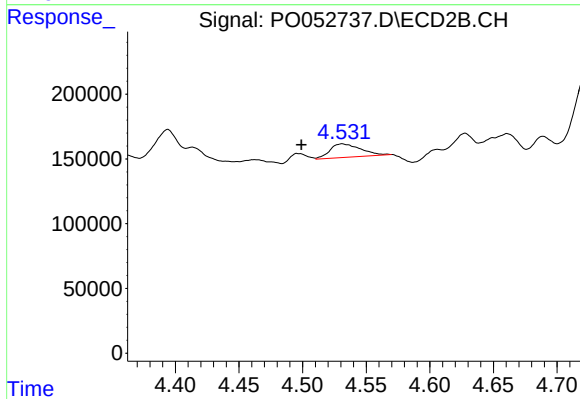
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.279 min
Response: 0
Conc: N.D.



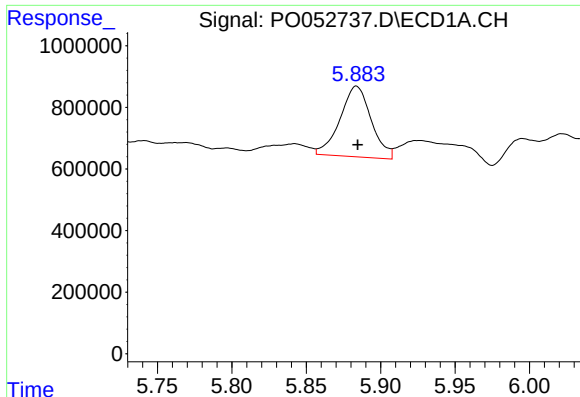
#22 AR-1248-2

R.T.: 5.676 min
Delta R.T.: -0.006 min
Response: 1333547
Conc: 70.00 ng/ml



#22 AR-1248-2

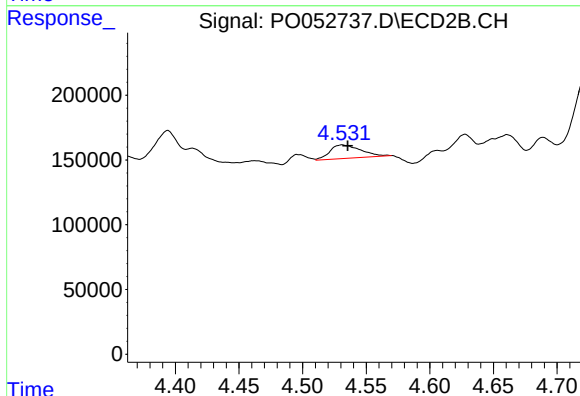
R.T.: 4.531 min
Delta R.T.: 0.032 min
Response: 174353
Conc: 25.15 ng/ml



#23 AR-1248-3

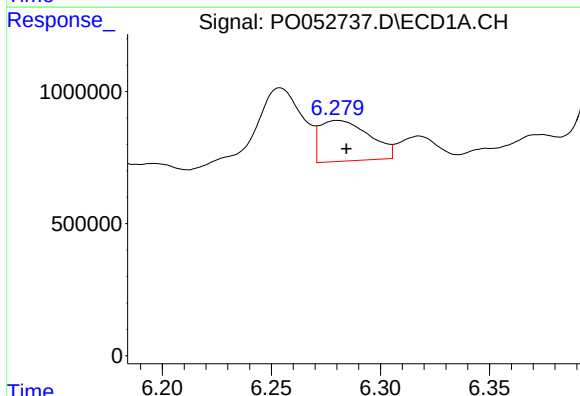
R.T.: 5.884 min
Delta R.T.: -0.001 min
Response: 3348062
Conc: 154.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



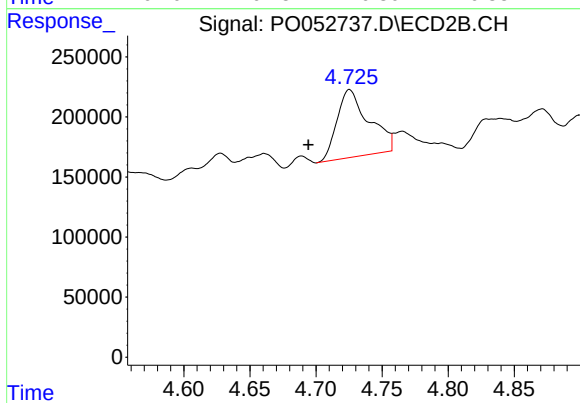
#23 AR-1248-3

R.T.: 4.531 min
Delta R.T.: -0.004 min
Response: 174353
Conc: 25.10 ng/ml



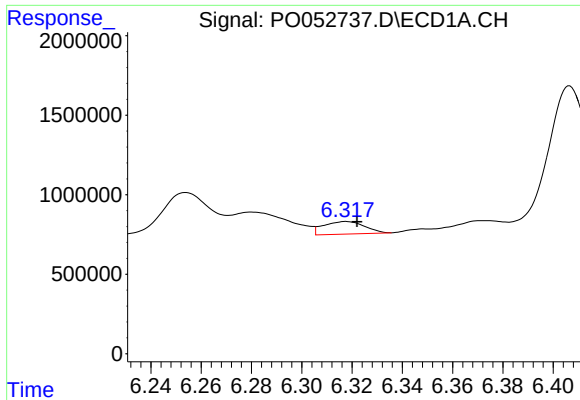
#24 AR-1248-4

R.T.: 6.280 min
Delta R.T.: -0.004 min
Response: 2448831
Conc: 107.38 ng/ml



#24 AR-1248-4

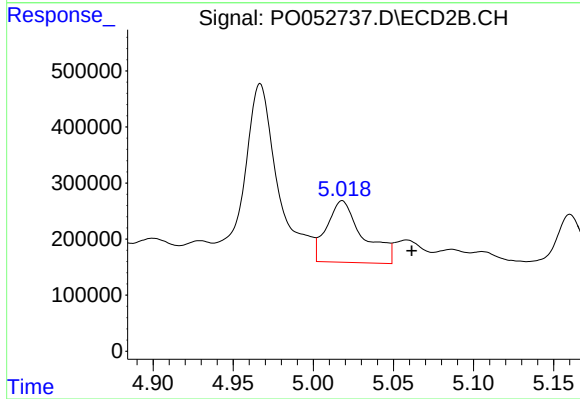
R.T.: 4.725 min
Delta R.T.: 0.031 min
Response: 944944
Conc: 110.40 ng/ml



#25 AR-1248-5

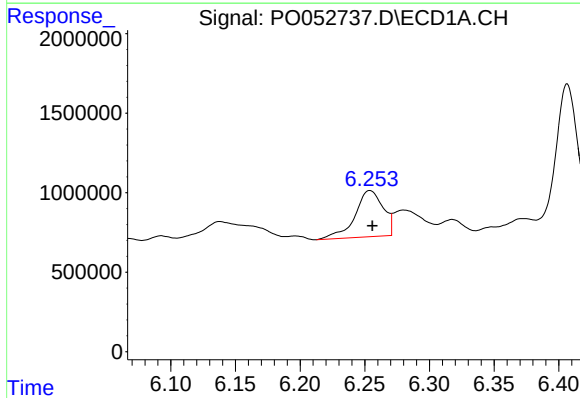
R.T.: 6.318 min
Delta R.T.: -0.004 min
Response: 903410
Conc: 41.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



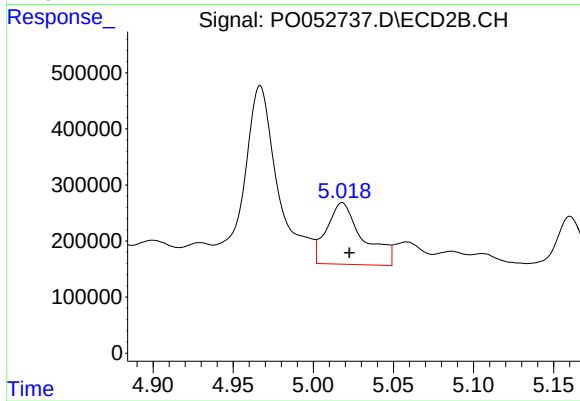
#25 AR-1248-5

R.T.: 5.018 min
Delta R.T.: -0.043 min
Response: 1734852
Conc: 209.15 ng/ml



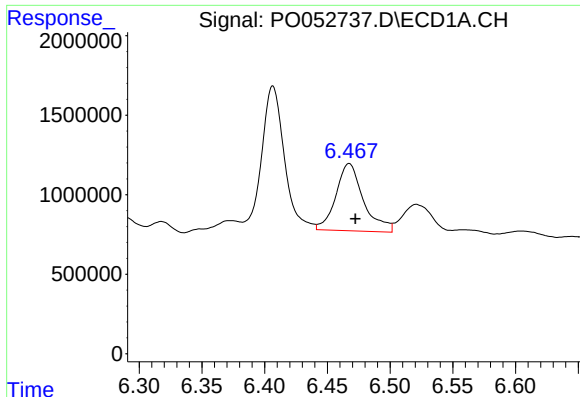
#26 AR-1254-1

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 4425203
Conc: 177.12 ng/ml



#26 AR-1254-1

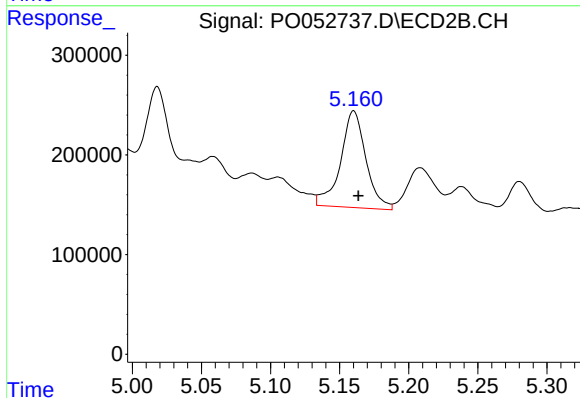
R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 1734852
Conc: 125.84 ng/ml



#27 AR-1254-2

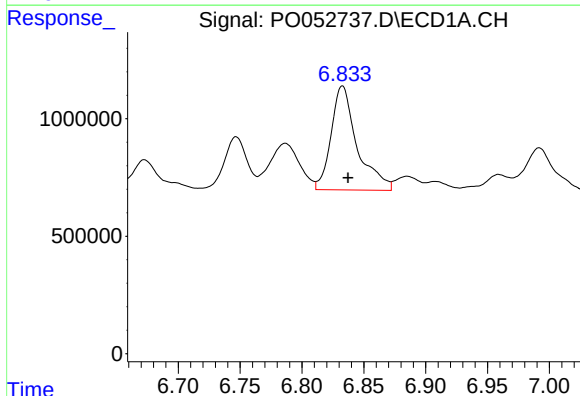
R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 6477232
Conc: 167.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



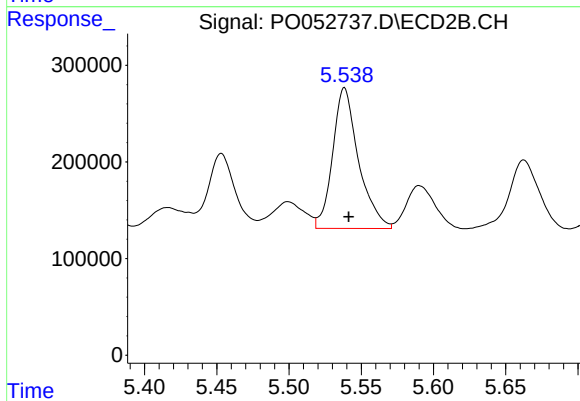
#27 AR-1254-2

R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 1243468
Conc: 101.42 ng/ml



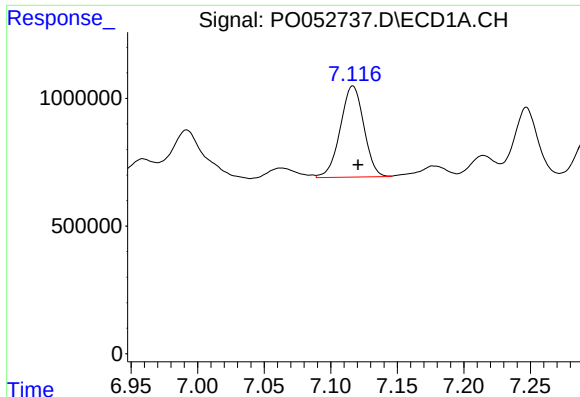
#28 AR-1254-3

R.T.: 6.833 min
Delta R.T.: -0.005 min
Response: 6481977
Conc: 164.52 ng/ml



#28 AR-1254-3

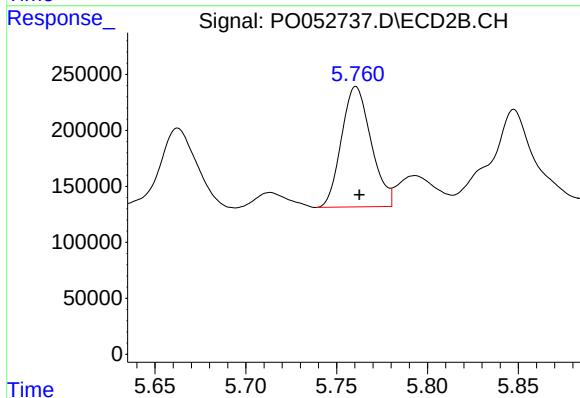
R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 1818284
Conc: 94.36 ng/ml



#29 AR-1254-4

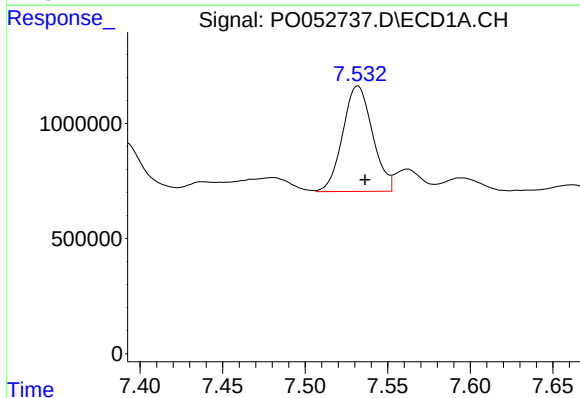
R.T.: 7.117 min
Delta R.T.: -0.004 min
Response: 4403927
Conc: 160.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



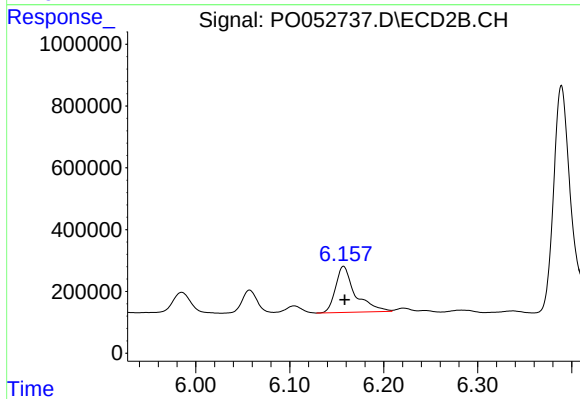
#29 AR-1254-4

R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 1222687
Conc: 109.54 ng/ml



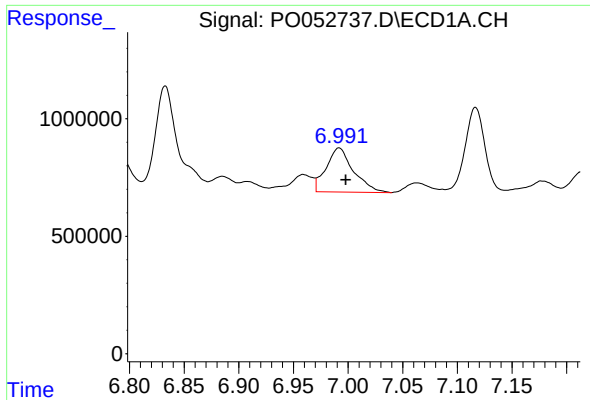
#30 AR-1254-5

R.T.: 7.532 min
Delta R.T.: -0.004 min
Response: 5755938
Conc: 197.78 ng/ml



#30 AR-1254-5

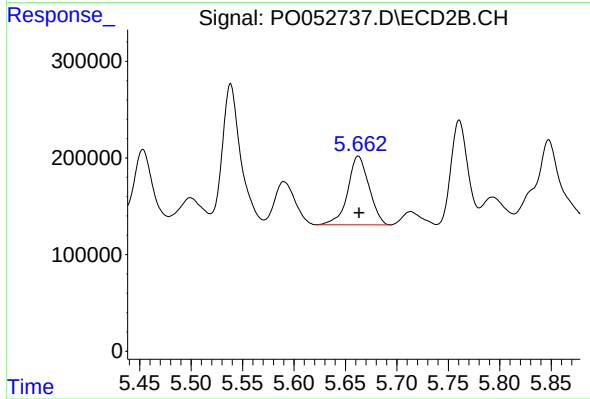
R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 2174465
Conc: 130.47 ng/ml



#31 AR-1260-1

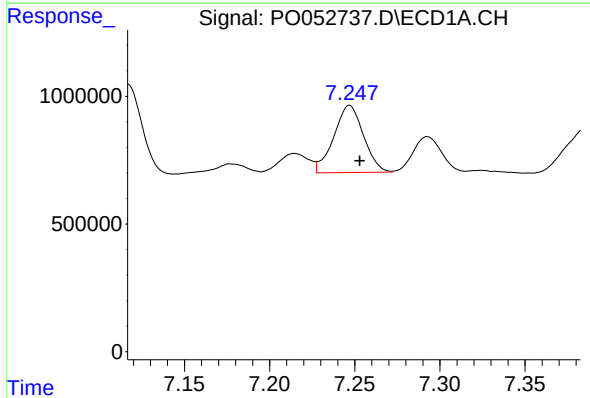
R.T.: 6.992 min
Delta R.T.: -0.006 min
Response: 3256492
Conc: 111.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



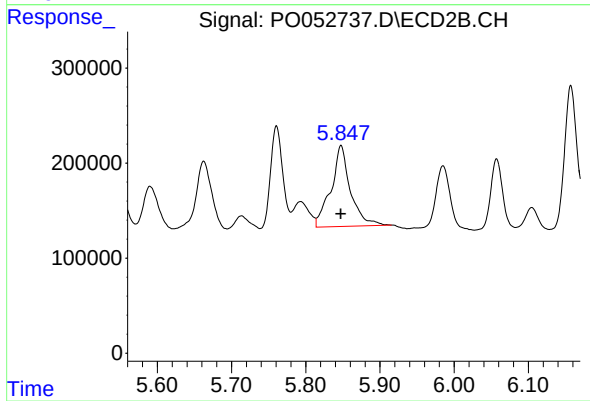
#31 AR-1260-1

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 1023928
Conc: 74.66 ng/ml



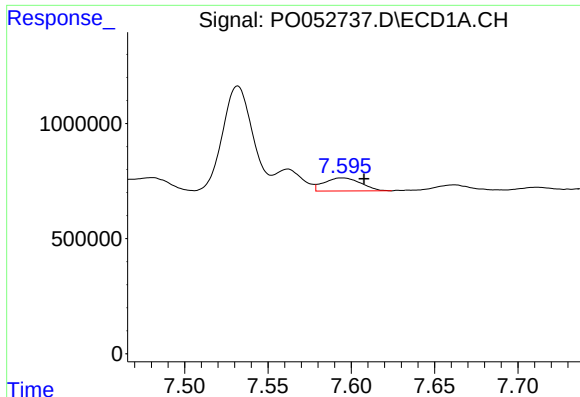
#32 AR-1260-2

R.T.: 7.247 min
Delta R.T.: -0.006 min
Response: 3196262
Conc: 91.38 ng/ml



#32 AR-1260-2

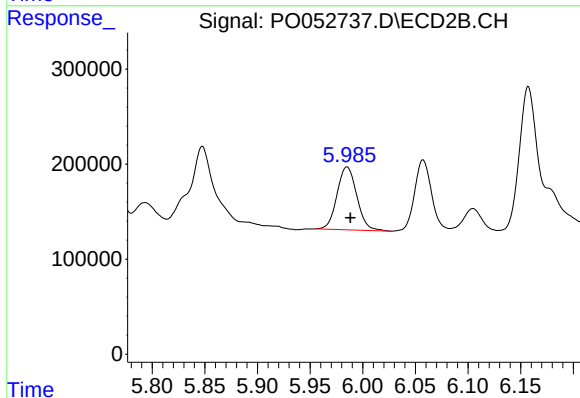
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 1544544
Conc: 92.95 ng/ml



#33 AR-1260-3

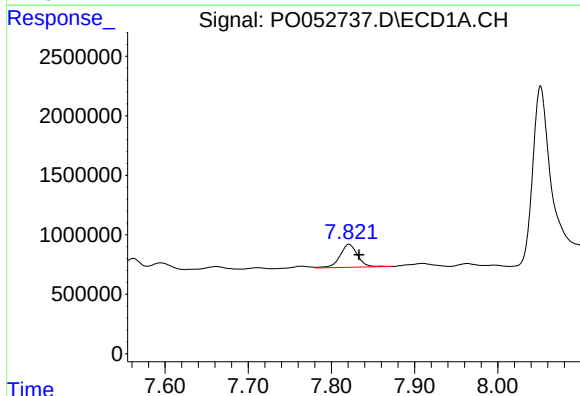
R.T.: 7.595 min
Delta R.T.: -0.013 min
Response: 872411
Conc: 37.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



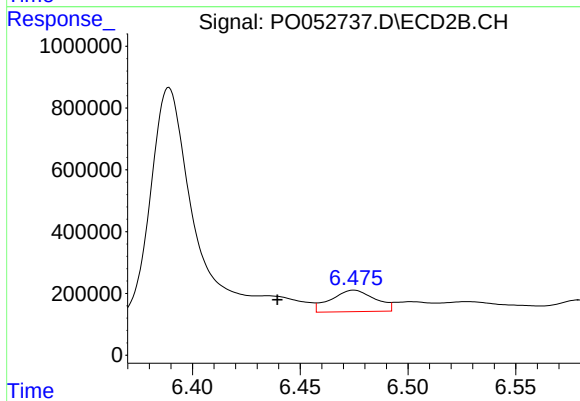
#33 AR-1260-3

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 865717
Conc: 56.62 ng/ml



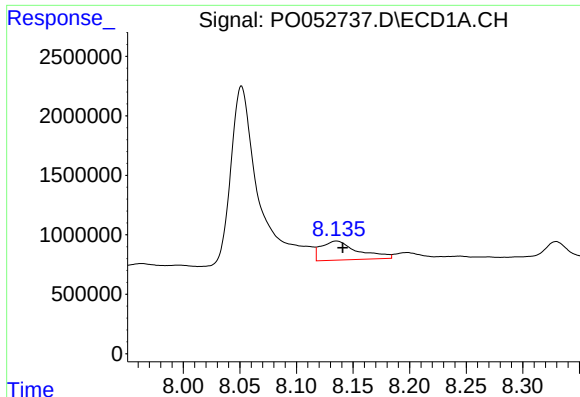
#34 AR-1260-4

R.T.: 7.821 min
Delta R.T.: -0.012 min
Response: 2830138
Conc: 113.67 ng/ml



#34 AR-1260-4

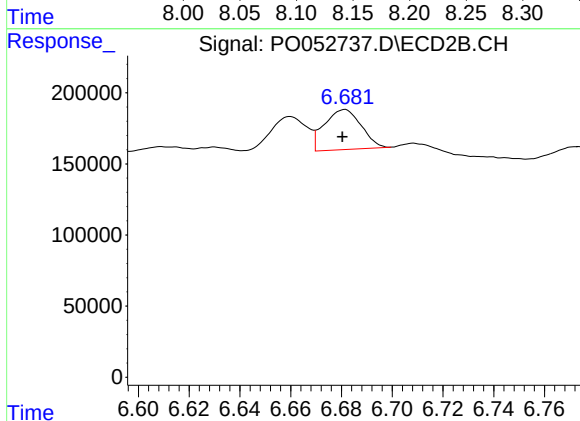
R.T.: 6.475 min
Delta R.T.: 0.035 min
Response: 991234
Conc: 98.51 ng/ml



#35 AR-1260-5

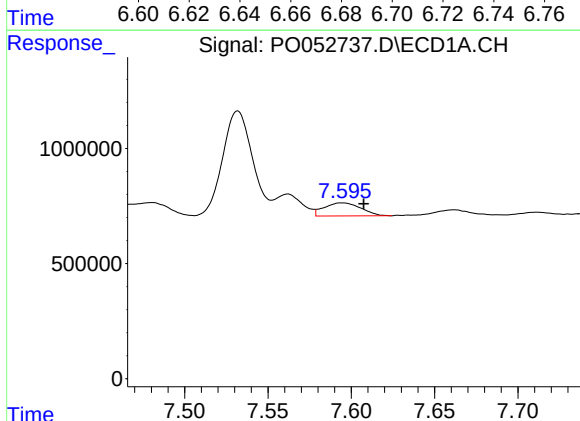
R.T.: 8.135 min
Delta R.T.: -0.005 min
Response: 3631930
Conc: 74.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



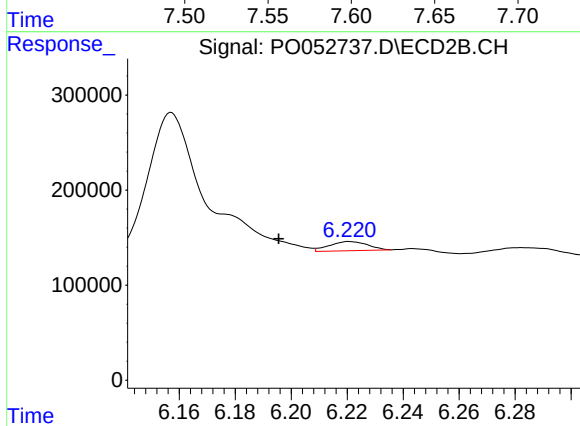
#35 AR-1260-5

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 284492
Conc: 12.00 ng/ml



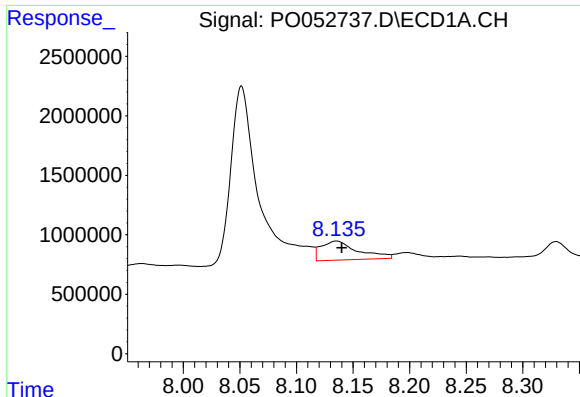
#36 AR-1262-1

R.T.: 7.595 min
Delta R.T.: -0.013 min
Response: 872411
Conc: 22.16 ng/ml



#36 AR-1262-1

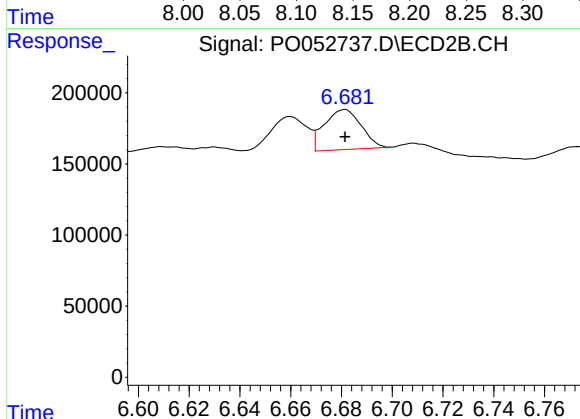
R.T.: 6.221 min
Delta R.T.: 0.025 min
Response: 91513
Conc: 5.03 ng/ml



#37 AR-1262-2

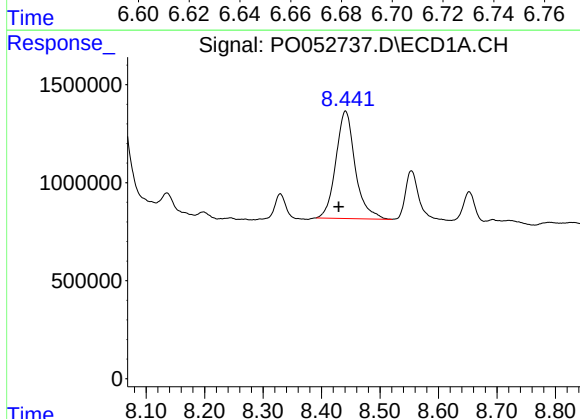
R.T.: 8.135 min
Delta R.T.: -0.005 min
Response: 3631930
Conc: 58.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



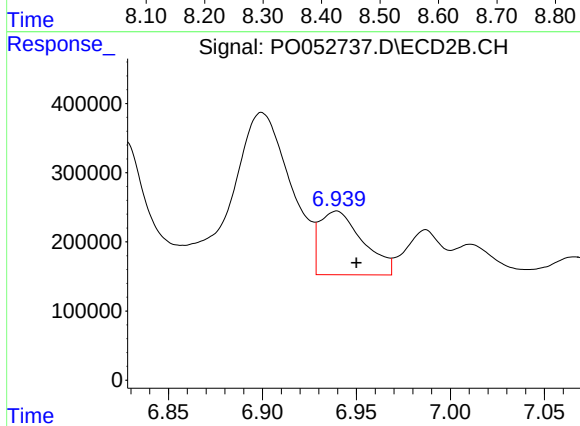
#37 AR-1262-2

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 284492
Conc: 9.96 ng/ml



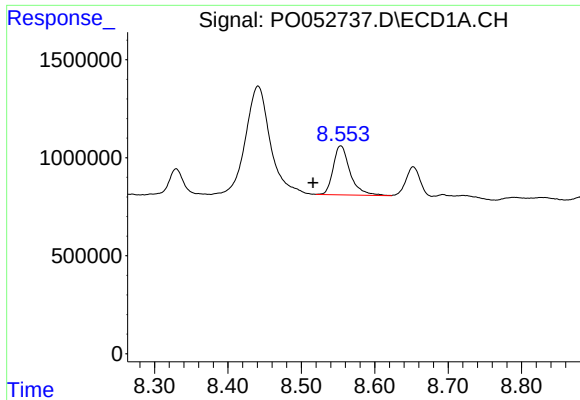
#38 AR-1262-3

R.T.: 8.441 min
Delta R.T.: 0.011 min
Response: 12624812
Conc: 304.25 ng/ml



#38 AR-1262-3

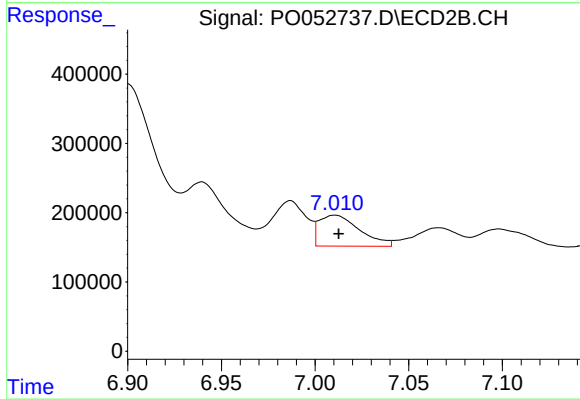
R.T.: 6.940 min
Delta R.T.: -0.010 min
Response: 1478029
Conc: 124.30 ng/ml



#39 AR-1262-4

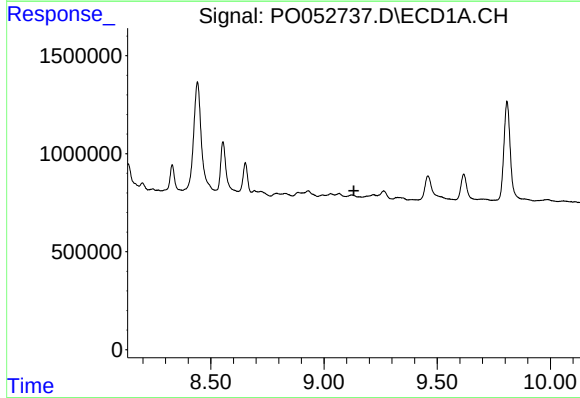
R.T.: 8.554 min
Delta R.T.: 0.038 min
Response: 4003414
Conc: 116.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



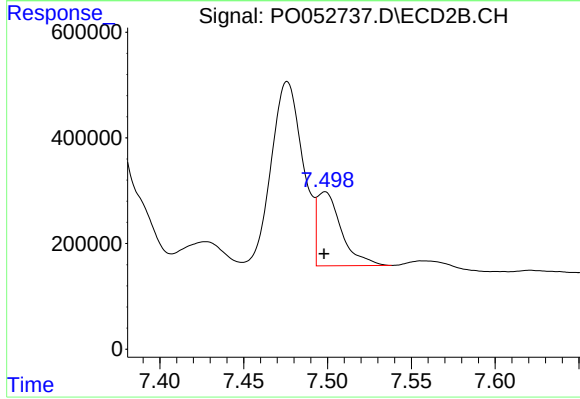
#39 AR-1262-4

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 675035
Conc: 31.43 ng/ml



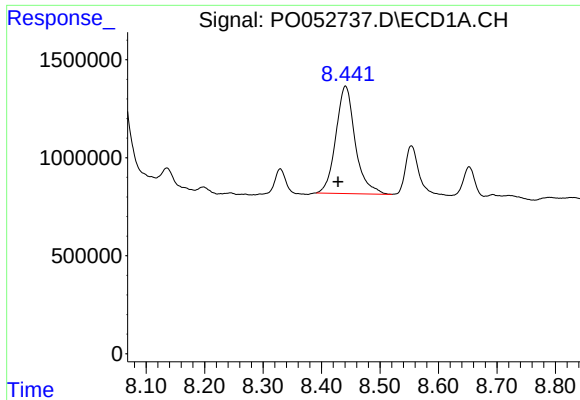
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.132 min
Response: 0
Conc: N.D.



#40 AR-1262-5

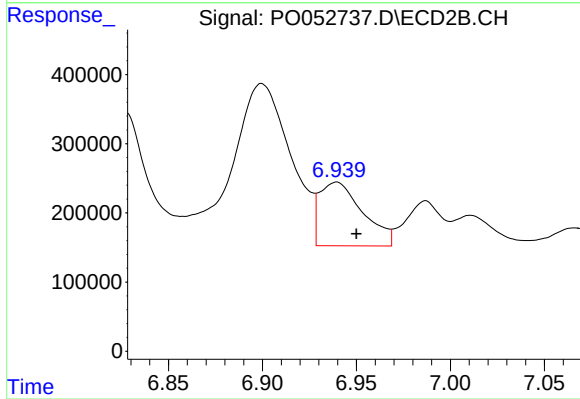
R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 1414290
Conc: 160.81 ng/ml



#41 AR-1268-1

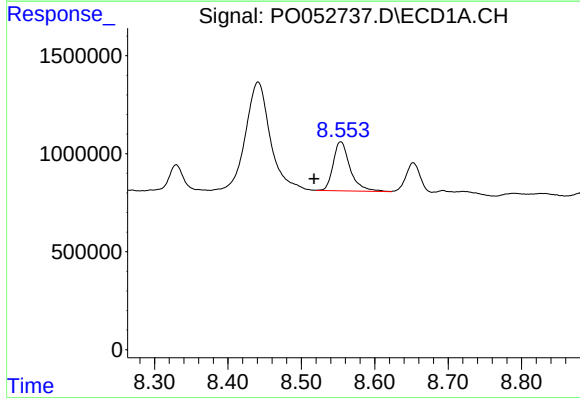
R.T.: 8.441 min
Delta R.T.: 0.013 min
Response: 12624812
Conc: 139.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



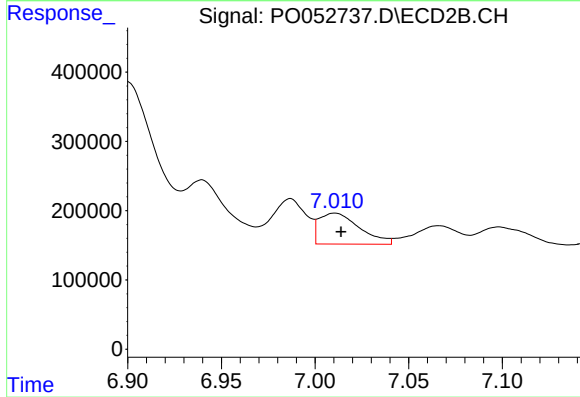
#41 AR-1268-1

R.T.: 6.940 min
Delta R.T.: -0.011 min
Response: 1478029
Conc: 38.07 ng/ml



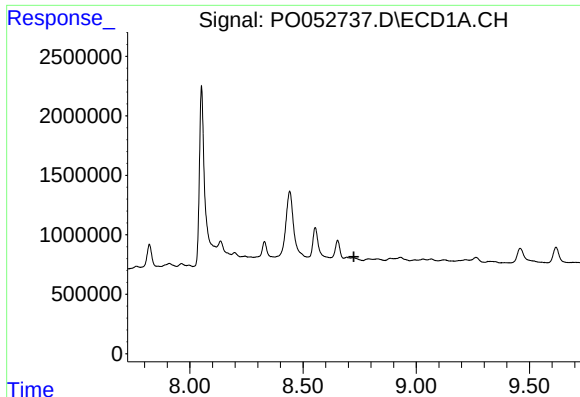
#42 AR-1268-2

R.T.: 8.554 min
Delta R.T.: 0.036 min
Response: 4003414
Conc: 46.81 ng/ml



#42 AR-1268-2

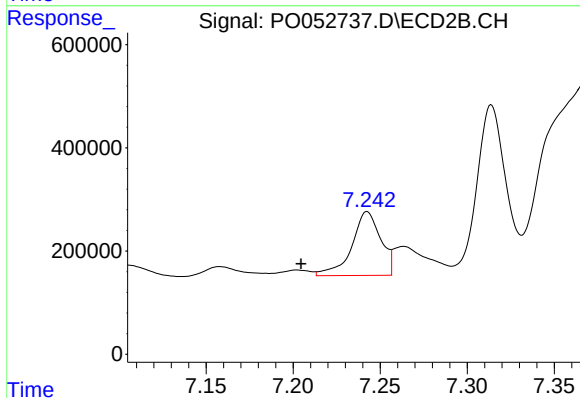
R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 675035
Conc: 18.29 ng/ml



#43 AR-1268-3

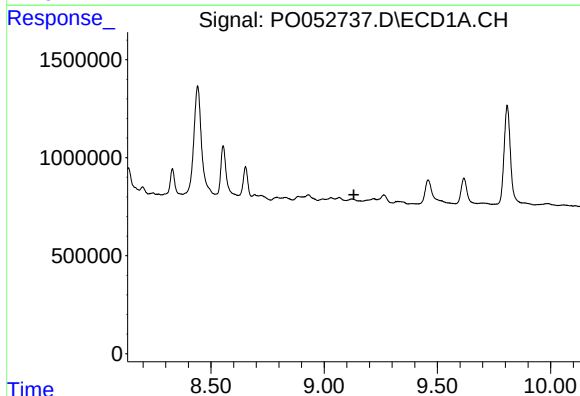
R.T.: 0.000 min
Exp R.T.: 8.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
23571



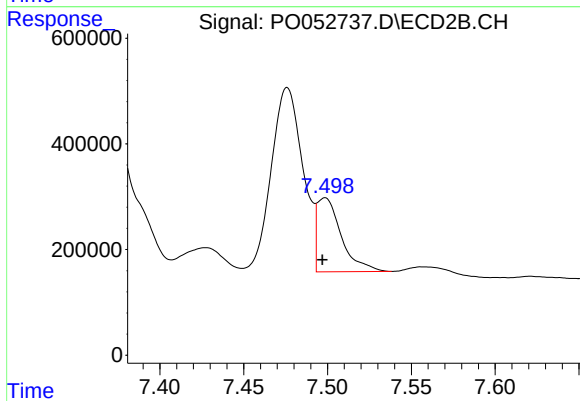
#43 AR-1268-3

R.T.: 7.243 min
Delta R.T.: 0.038 min
Response: 1429420
Conc: 44.45 ng/ml



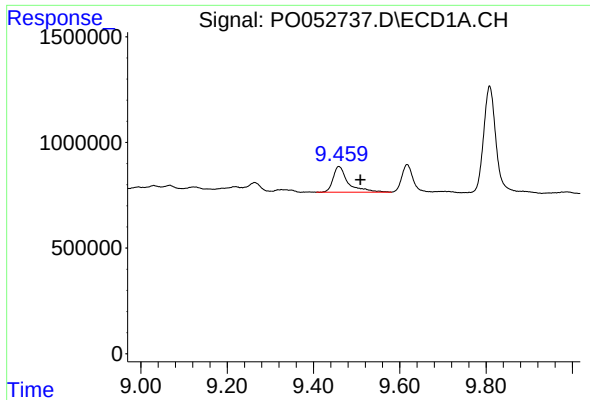
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.131 min
Response: 0
Conc: N.D.



#44 AR-1268-4

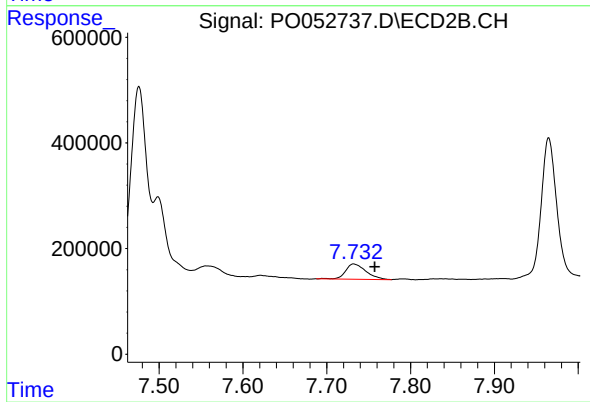
R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 1414290
Conc: 123.45 ng/ml



#45 AR-1268-5

R.T.: 9.459 min
Delta R.T.: -0.050 min
Response: 2946903
Conc: 13.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
23571



#45 AR-1268-5

R.T.: 7.732 min
Delta R.T.: -0.025 min
Response: 487835
Conc: 5.46 ng/ml