

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060445.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Sep 2019 19:47
 Operator : SM/AJ
 Sample : K4650-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 23:06:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 17:58:59 2019
 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...	4.102	3.486	1434908	1000001	40.983	27.781 #
2)	SA Decachlor...	9.547	8.334	1252060	920399	23.535	22.827
Target Compounds							
3)	L1 AR-1016-1	5.271	4.474	23722	21077	14.790	15.590
4)	L1 AR-1016-2	5.271	0.000	23722	0	9.915	N.D. #
5)	L1 AR-1016-3	5.356	4.744	7138	3956	4.792	3.657
6)	L1 AR-1016-4	5.459	4.744	22848	3956	18.886	4.381 #
7)	L1 AR-1016-5	5.712	4.992	65877	41336	51.301	35.884 #
8)	L2 AR-1221-1	4.401	3.777	120056	20495	283.505	51.060 #
9)	L2 AR-1221-2	4.401	3.777	120056	20495	369.637	67.279 #
10)	L2 AR-1221-3	4.482	3.893	103177	19695	98.090	20.128 #
11)	L3 AR-1232-1	4.482	3.893	103177	19695	82.778	17.274 #
12)	L3 AR-1232-2	4.986	0.000	67764	0	95.929	N.D. #
13)	L3 AR-1232-3	5.311	4.744	17731	3956	11.578	5.810 #
14)	L3 AR-1232-4	5.560	0.000	42020	0	53.743	N.D. #
15)	L3 AR-1232-5	5.560	4.992	42020	41336	69.903	60.723
16)	L4 AR-1242-1	5.311	0.000	17731	0	13.967	N.D. #
17)	L4 AR-1242-2	5.311	0.000	17731	0	9.555	N.D. #
18)	L4 AR-1242-3	5.356	4.744	7138	3956	6.107	4.735
19)	L4 AR-1242-4	5.560	0.000	42020	0	43.415	N.D. #
20)	L4 AR-1242-5	6.235	5.310	33556	113590	26.704	101.547 #
21)	L5 AR-1248-1	5.271	0.000	23722	0	23.661	N.D. #
22)	L5 AR-1248-2	5.560	4.744	42020	3956	28.962	3.431 #
23)	L5 AR-1248-3	5.712	0.000	65877	0	39.636	N.D. #
24)	L5 AR-1248-4	6.150	4.992	33445	41336	16.362	28.447 #
25)	L5 AR-1248-5	6.180	5.310	33685	113590	16.986	79.362 #
26)	L6 AR-1254-1	6.114	5.310	39546	113590	18.954	47.892 #
27)	L6 AR-1254-2	6.299	5.456	168586	67629	50.532	32.230 #
28)	L6 AR-1254-3	6.664	5.851	170380	161898	48.015	48.148
29)	L6 AR-1254-4	6.946	6.077	196704	74378	66.780	36.074 #
30)	L6 AR-1254-5	7.359	6.484	296502	233739	95.881	75.279
31)	L7 AR-1260-1	6.819	5.978	283696	77772	105.236	34.127 #
32)	L7 AR-1260-2	7.076	6.163	241230	112843	65.013	38.515 #
33)	L7 AR-1260-3	7.429	6.310	156457	176560	47.754	66.648 #
34)	L7 AR-1260-4	7.656	6.770	214217	92078	69.747	40.696 #
35)	L7 AR-1260-5	7.963	7.016	271083	258844	38.284	47.034
36)	L8 AR-1262-1	7.497	6.517	203696	116826	41.974	31.341 #
37)	L8 AR-1262-2	8.005	7.016	124191	258844	16.096	44.028 #
38)	L8 AR-1262-3	8.323	7.288	328984	182966	64.477	72.006
39)	L8 AR-1262-4	8.323	7.355	328984	220895	85.345	49.988 #
40)	L8 AR-1262-5	8.988	7.847	45273	85166	17.640	47.169 #
41)	L9 AR-1268-1	8.323	7.288	328984	182966	34.959	25.694 #

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 Sample : K4650-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

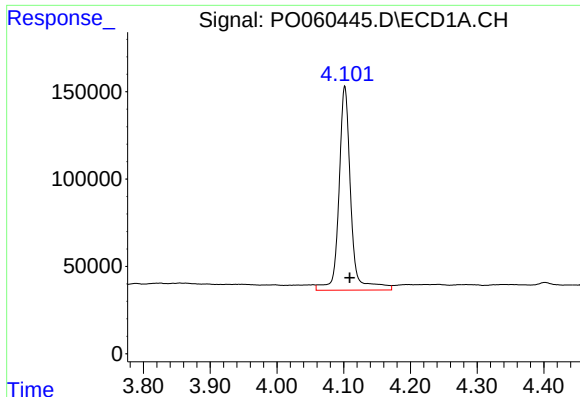
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 23:06:01 2019
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Volume Inj. : 2 µl
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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
42) L9	AR-1268-2	8.323	7.355	328984	220895	41.735	34.258
43) L9	AR-1268-3	8.615	7.549	140645	105850	19.953	19.345
44) L9	AR-1268-4	8.988	7.847	45273	85166	16.285	41.722 #
45) L9	AR-1268-5	9.367	8.111	33799	199029	1.833	13.698 #

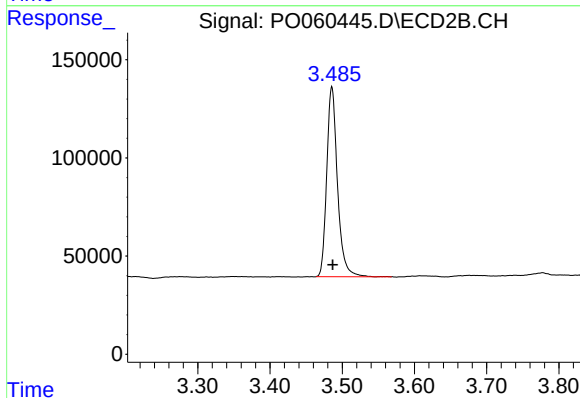
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

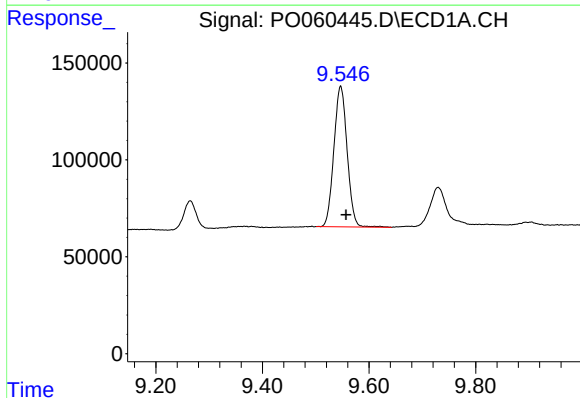
R.T.: 4.102 min
Delta R.T.: -0.007 min
Response: 1434908
Conc: 40.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



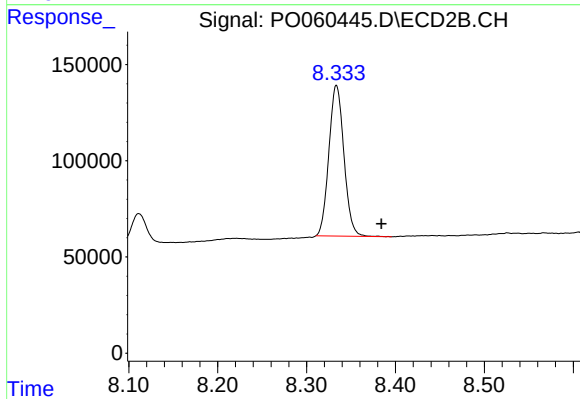
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: -0.001 min
Response: 1000001
Conc: 27.78 ng/ml



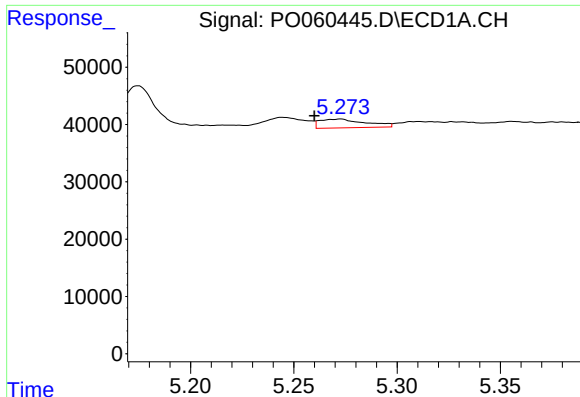
#2 Decachlorobiphenyl

R.T.: 9.547 min
Delta R.T.: -0.010 min
Response: 1252060
Conc: 23.53 ng/ml



#2 Decachlorobiphenyl

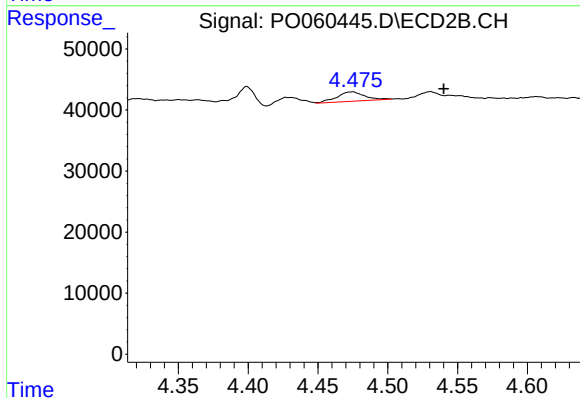
R.T.: 8.334 min
Delta R.T.: -0.050 min
Response: 920399
Conc: 22.83 ng/ml



#3 AR-1016-1

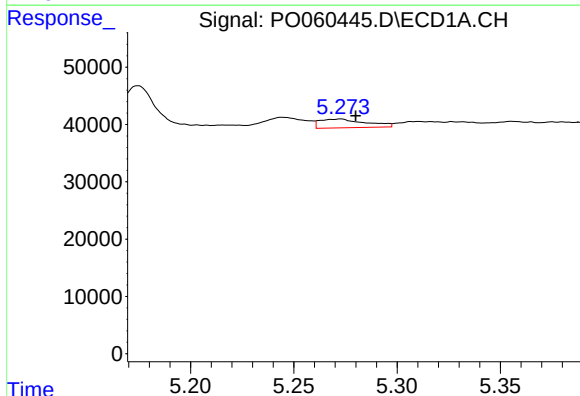
R.T.: 5.271 min
Delta R.T.: 0.011 min
Response: 23722
Conc: 14.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



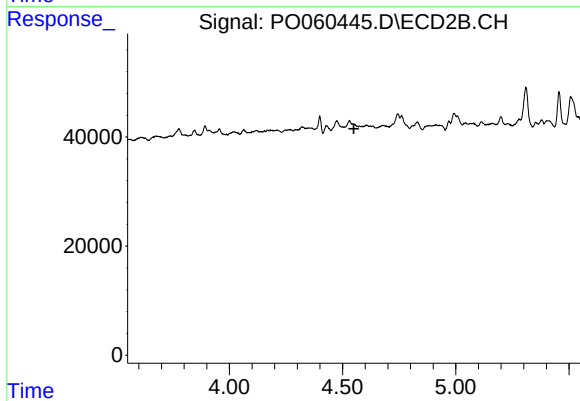
#3 AR-1016-1

R.T.: 4.474 min
Delta R.T.: -0.066 min
Response: 21077
Conc: 15.59 ng/ml



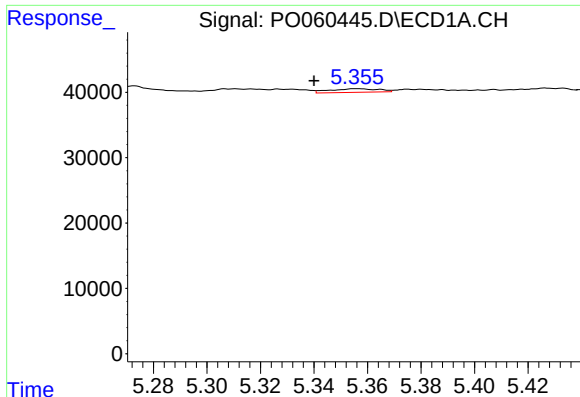
#4 AR-1016-2

R.T.: 5.271 min
Delta R.T.: -0.009 min
Response: 23722
Conc: 9.91 ng/ml



#4 AR-1016-2

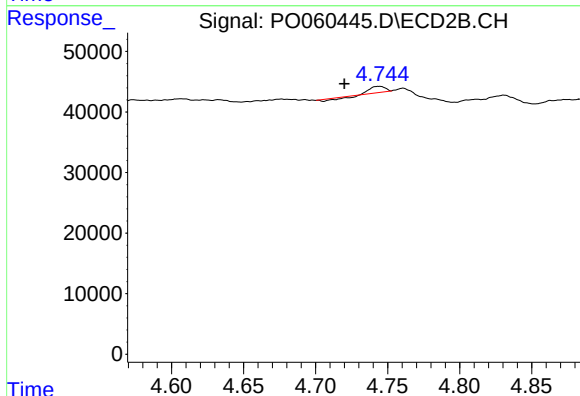
R.T.: 0.000 min
Exp R.T.: 4.550 min
Response: 0
Conc: N.D.



#5 AR-1016-3

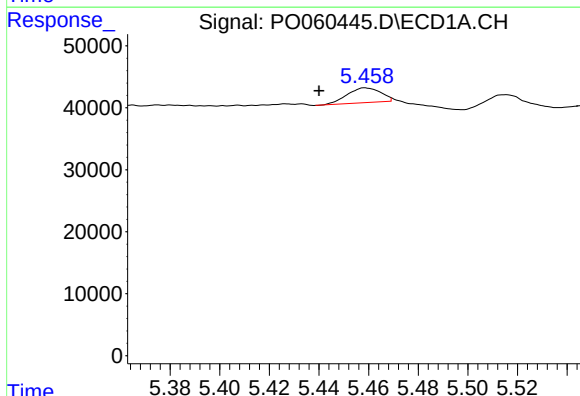
R.T.: 5.356 min
Delta R.T.: 0.016 min
Response: 7138
Conc: 4.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



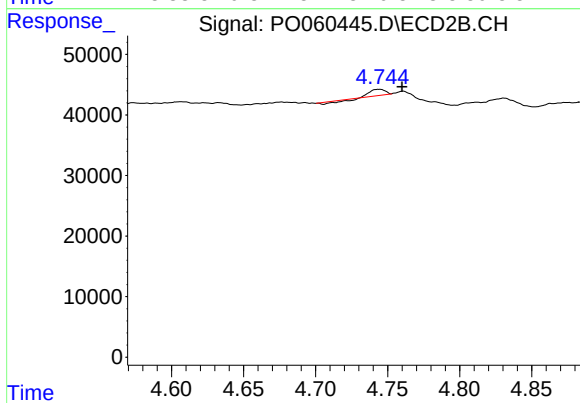
#5 AR-1016-3

R.T.: 4.744 min
Delta R.T.: 0.024 min
Response: 3956
Conc: 3.66 ng/ml



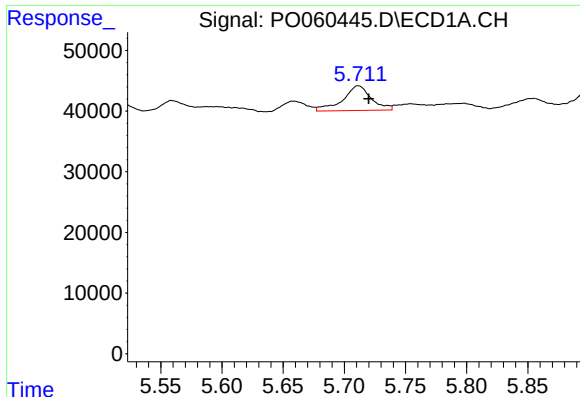
#6 AR-1016-4

R.T.: 5.459 min
Delta R.T.: 0.019 min
Response: 22848
Conc: 18.89 ng/ml



#6 AR-1016-4

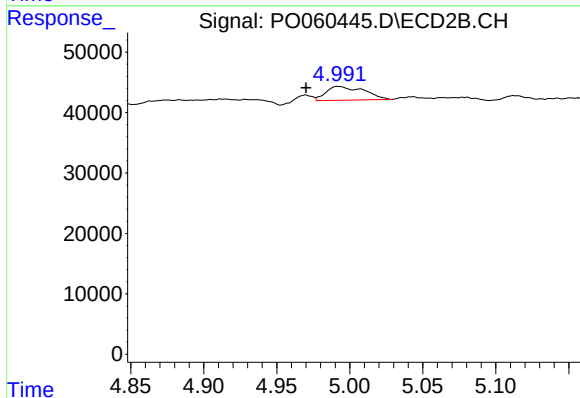
R.T.: 4.744 min
Delta R.T.: -0.016 min
Response: 3956
Conc: 4.38 ng/ml



#7 AR-1016-5

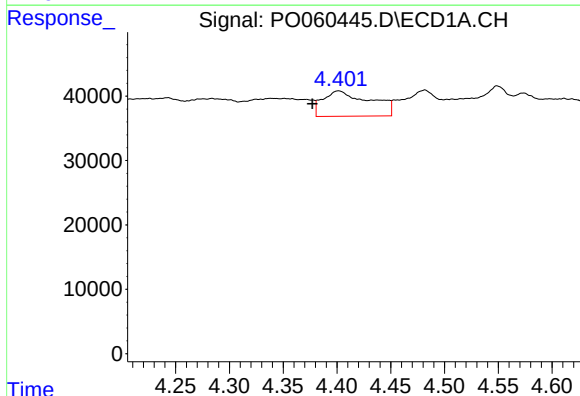
R.T.: 5.712 min
Delta R.T.: -0.008 min
Response: 65877
Conc: 51.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



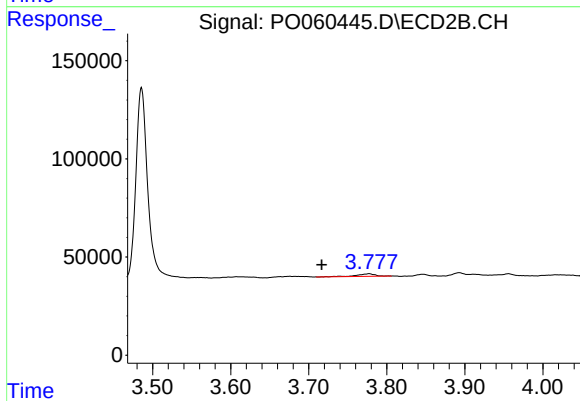
#7 AR-1016-5

R.T.: 4.992 min
Delta R.T.: 0.022 min
Response: 41336
Conc: 35.88 ng/ml



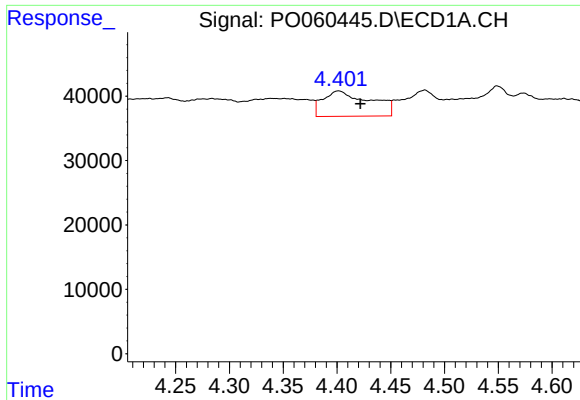
#8 AR-1221-1

R.T.: 4.401 min
Delta R.T.: 0.024 min
Response: 120056
Conc: 283.50 ng/ml



#8 AR-1221-1

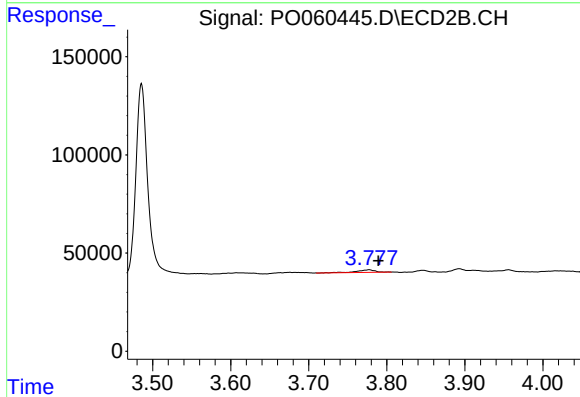
R.T.: 3.777 min
Delta R.T.: 0.061 min
Response: 20495
Conc: 51.06 ng/ml



#9 AR-1221-2

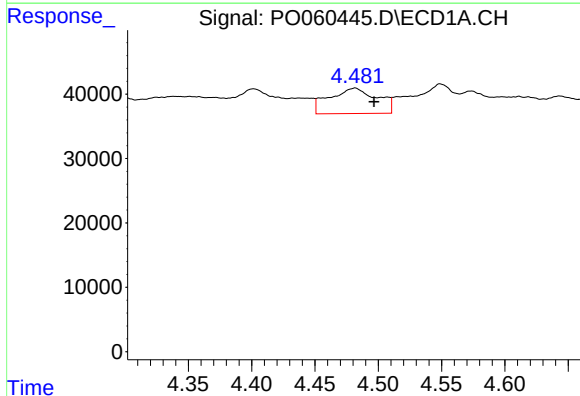
R.T.: 4.401 min
Delta R.T.: -0.020 min
Response: 120056
Conc: 369.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



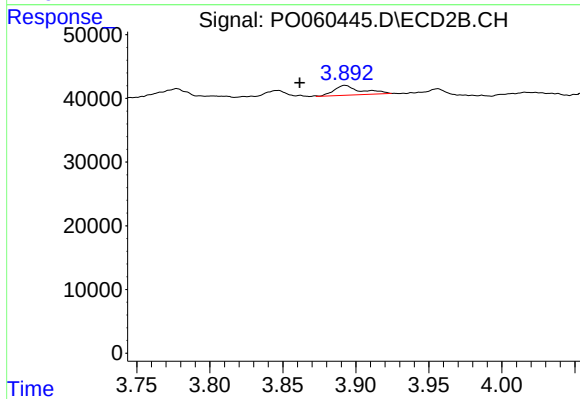
#9 AR-1221-2

R.T.: 3.777 min
Delta R.T.: -0.012 min
Response: 20495
Conc: 67.28 ng/ml



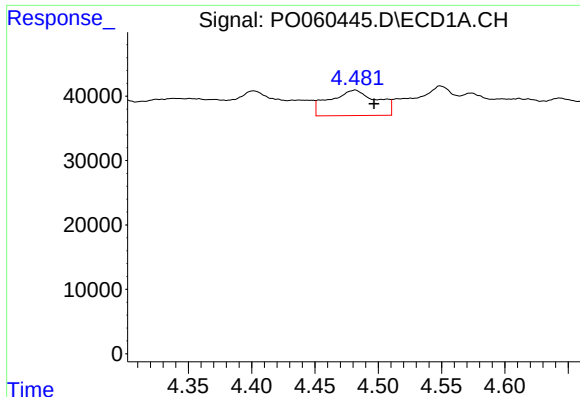
#10 AR-1221-3

R.T.: 4.482 min
Delta R.T.: -0.015 min
Response: 103177
Conc: 98.09 ng/ml



#10 AR-1221-3

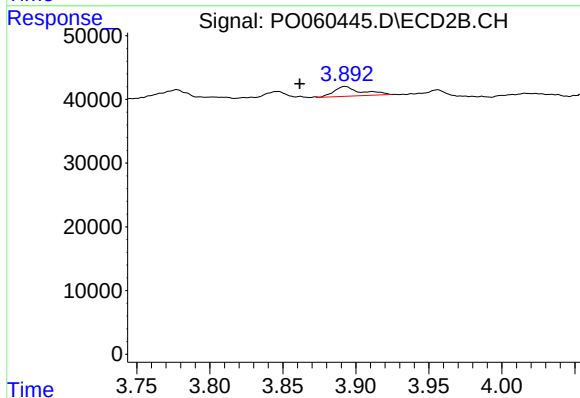
R.T.: 3.893 min
Delta R.T.: 0.031 min
Response: 19695
Conc: 20.13 ng/ml



#11 AR-1232-1

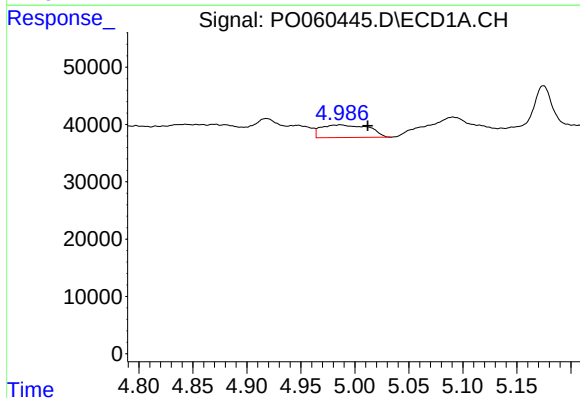
R.T.: 4.482 min
Delta R.T.: -0.015 min
Response: 103177
Conc: 82.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



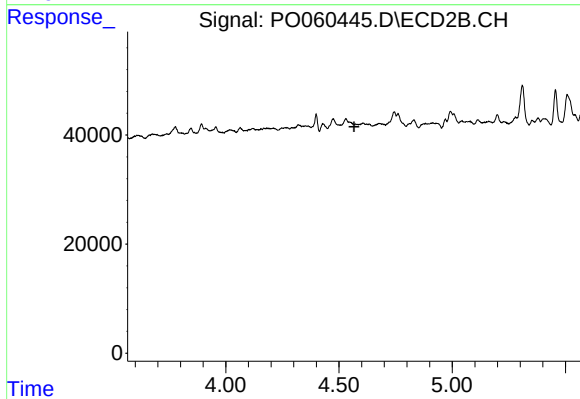
#11 AR-1232-1

R.T.: 3.893 min
Delta R.T.: 0.031 min
Response: 19695
Conc: 17.27 ng/ml



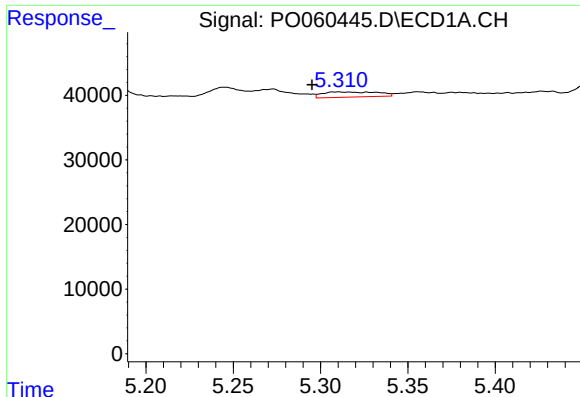
#12 AR-1232-2

R.T.: 4.986 min
Delta R.T.: -0.026 min
Response: 67764
Conc: 95.93 ng/ml



#12 AR-1232-2

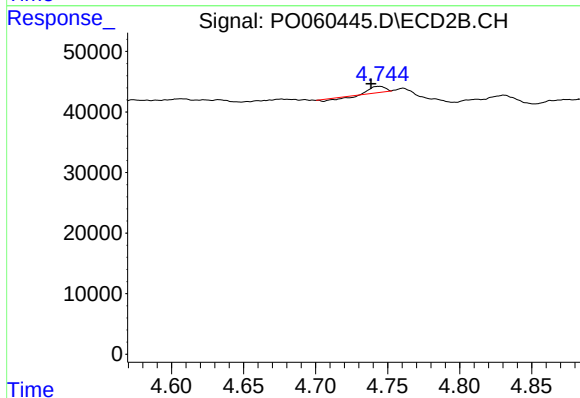
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

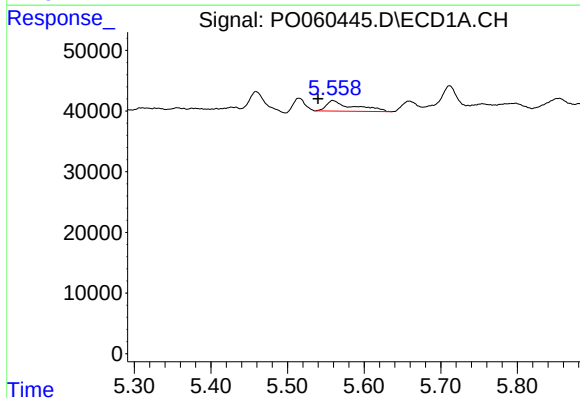
R.T.: 5.311 min
Delta R.T.: 0.016 min
Response: 17731
Conc: 11.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



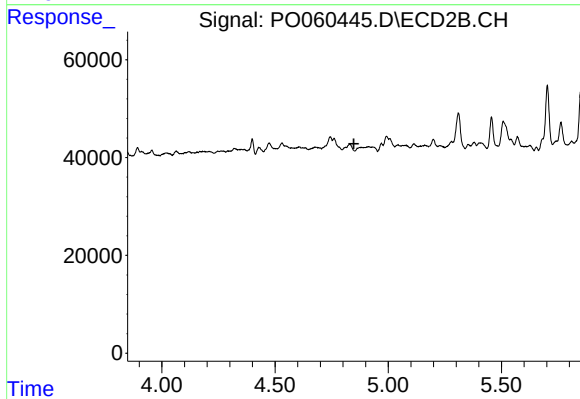
#13 AR-1232-3

R.T.: 4.744 min
Delta R.T.: 0.006 min
Response: 3956
Conc: 5.81 ng/ml



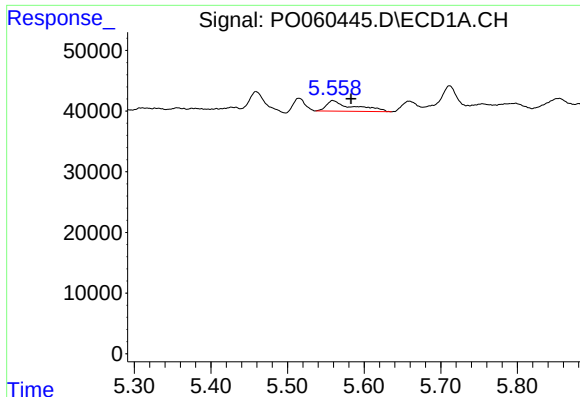
#14 AR-1232-4

R.T.: 5.560 min
Delta R.T.: 0.020 min
Response: 42020
Conc: 53.74 ng/ml



#14 AR-1232-4

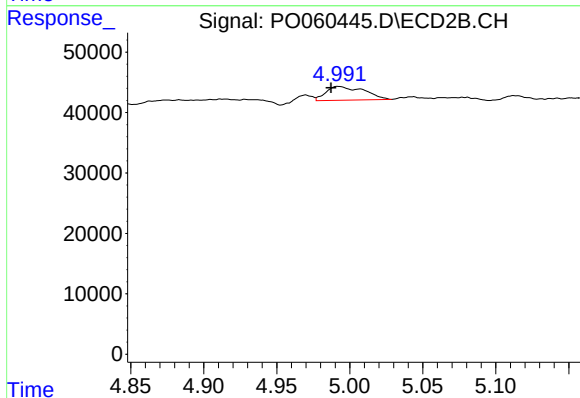
R.T.: 0.000 min
Exp R.T.: 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

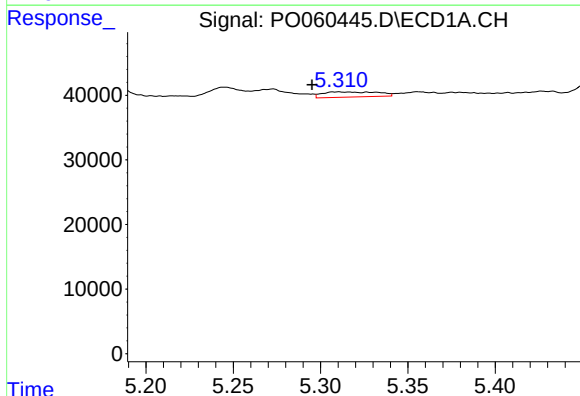
R.T.: 5.560 min
Delta R.T.: -0.023 min
Response: 42020
Conc: 69.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



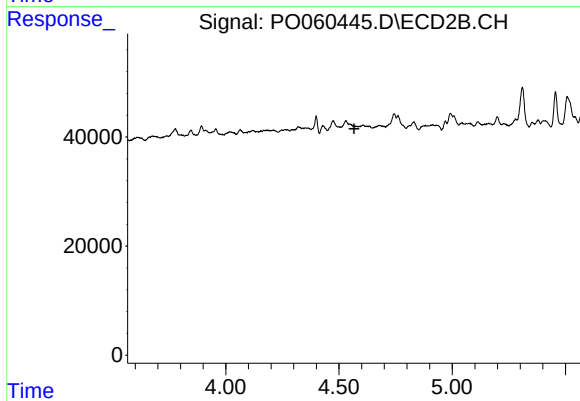
#15 AR-1232-5

R.T.: 4.992 min
Delta R.T.: 0.005 min
Response: 41336
Conc: 60.72 ng/ml



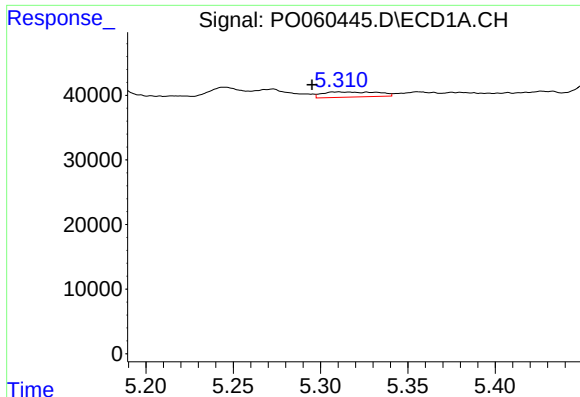
#16 AR-1242-1

R.T.: 5.311 min
Delta R.T.: 0.016 min
Response: 17731
Conc: 13.97 ng/ml



#16 AR-1242-1

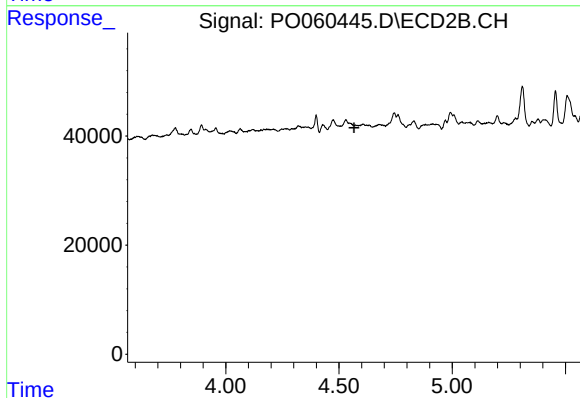
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

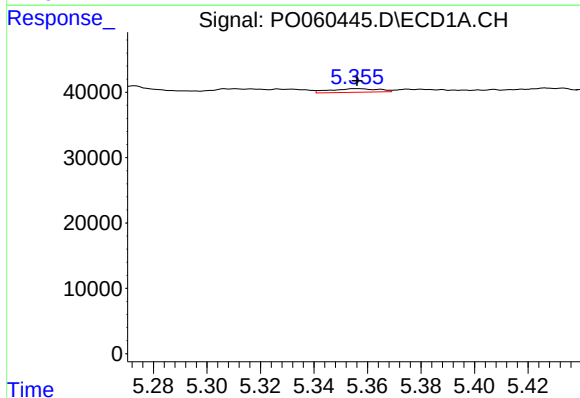
R.T.: 5.311 min
Delta R.T.: 0.016 min
Response: 17731
Conc: 9.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



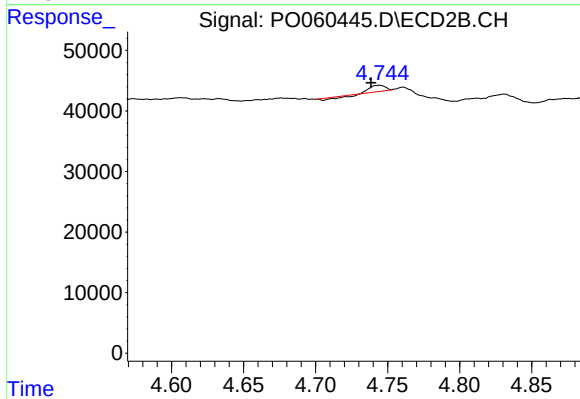
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



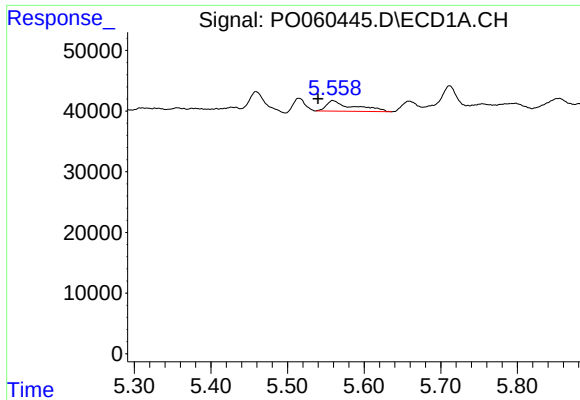
#18 AR-1242-3

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 7138
Conc: 6.11 ng/ml



#18 AR-1242-3

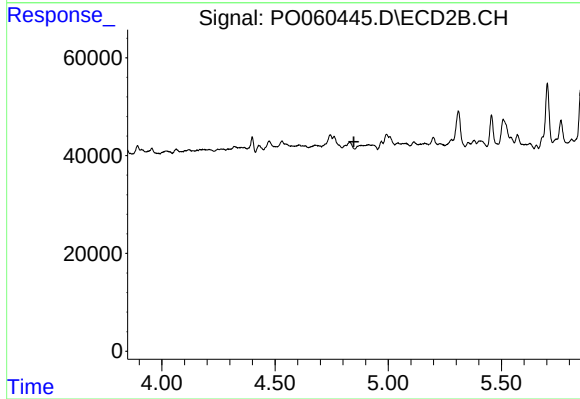
R.T.: 4.744 min
Delta R.T.: 0.006 min
Response: 3956
Conc: 4.74 ng/ml



#19 AR-1242-4

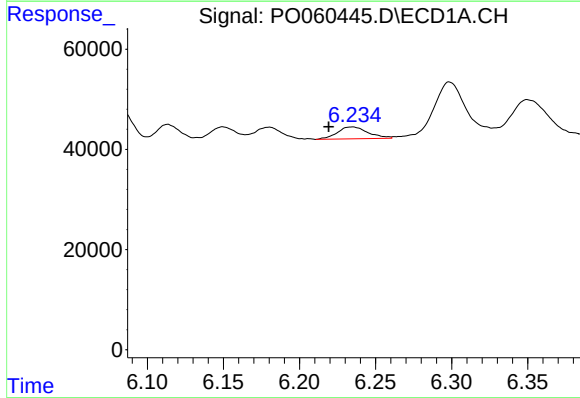
R.T.: 5.560 min
Delta R.T.: 0.020 min
Response: 42020
Conc: 43.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



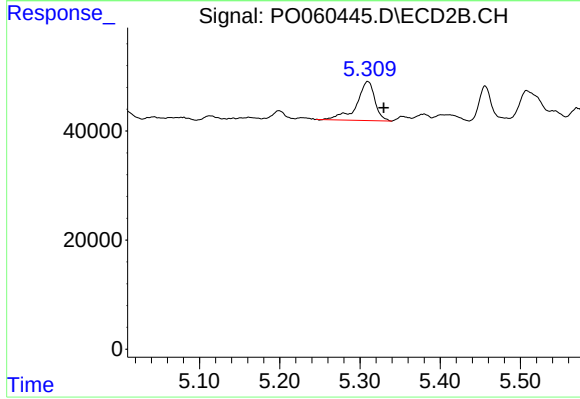
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



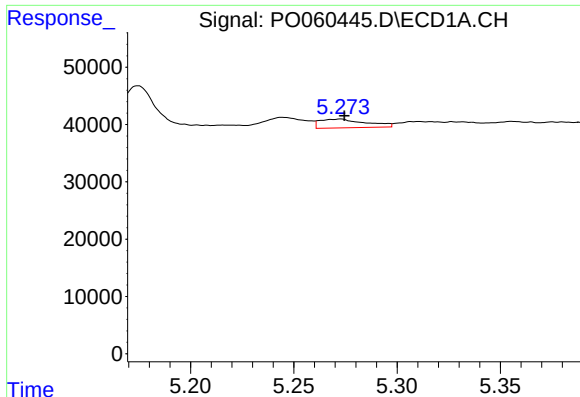
#20 AR-1242-5

R.T.: 6.235 min
Delta R.T.: 0.015 min
Response: 33556
Conc: 26.70 ng/ml



#20 AR-1242-5

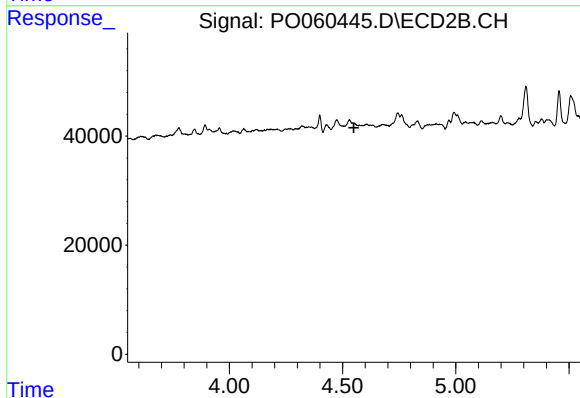
R.T.: 5.310 min
Delta R.T.: -0.020 min
Response: 113590
Conc: 101.55 ng/ml



#21 AR-1248-1

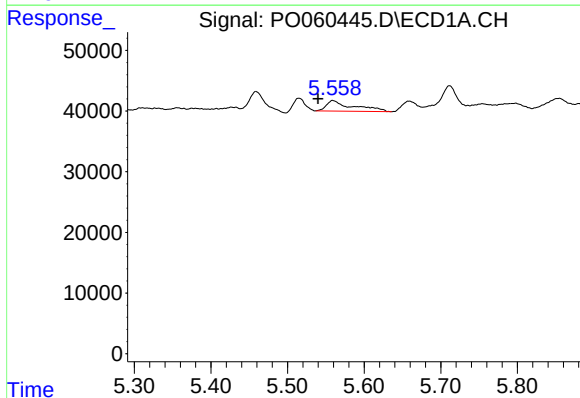
R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 23722
Conc: 23.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



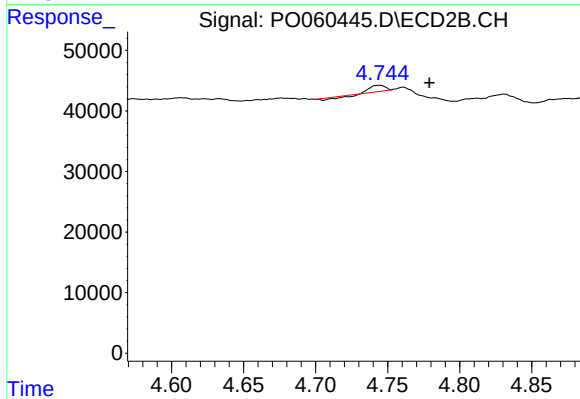
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



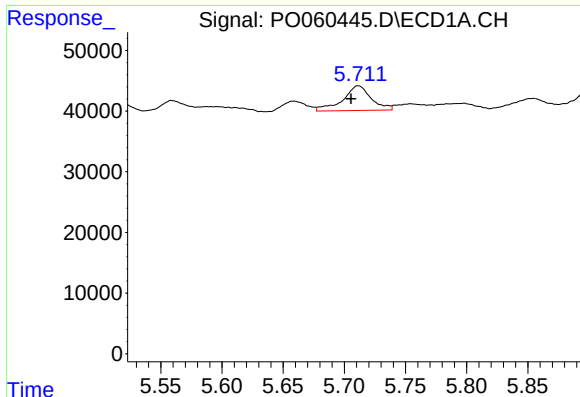
#22 AR-1248-2

R.T.: 5.560 min
Delta R.T.: 0.020 min
Response: 42020
Conc: 28.96 ng/ml



#22 AR-1248-2

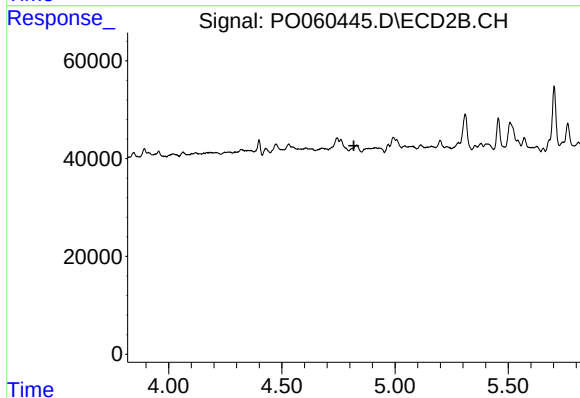
R.T.: 4.744 min
Delta R.T.: -0.035 min
Response: 3956
Conc: 3.43 ng/ml



#23 AR-1248-3

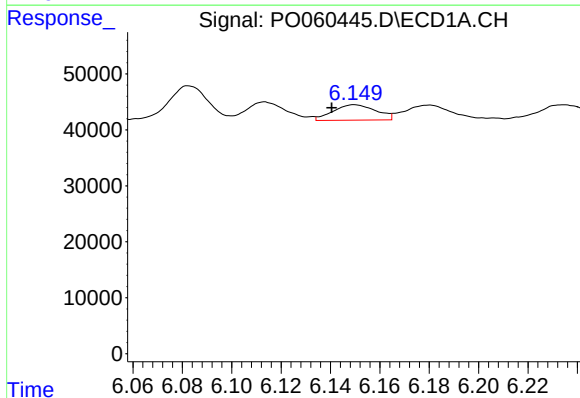
R.T.: 5.712 min
Delta R.T.: 0.006 min
Response: 65877
Conc: 39.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



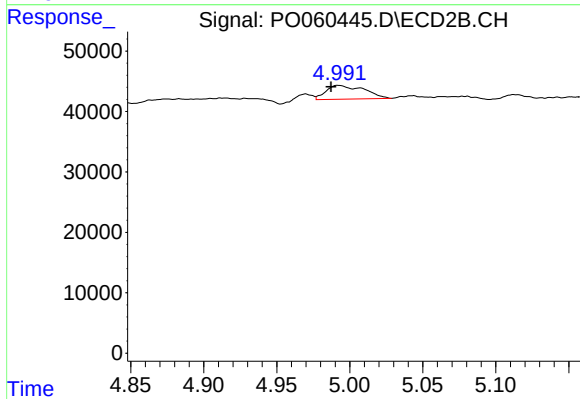
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



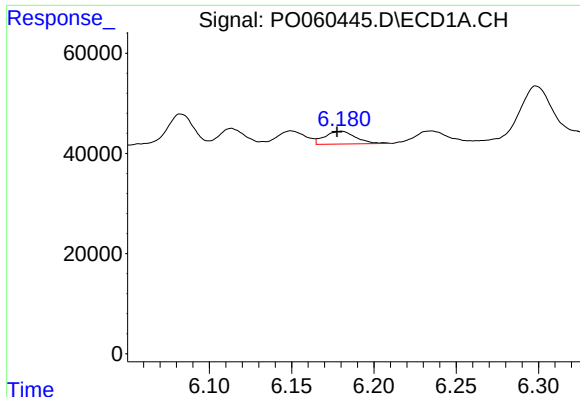
#24 AR-1248-4

R.T.: 6.150 min
Delta R.T.: 0.009 min
Response: 33445
Conc: 16.36 ng/ml



#24 AR-1248-4

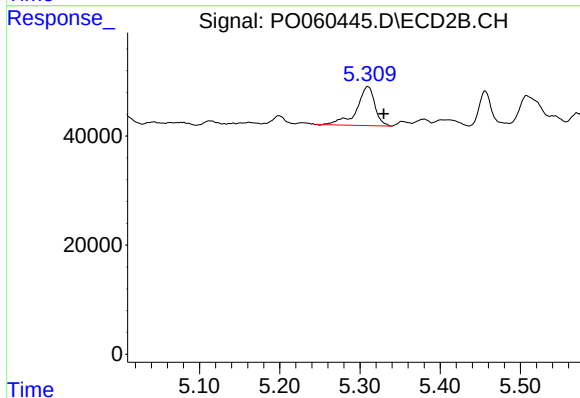
R.T.: 4.992 min
Delta R.T.: 0.005 min
Response: 41336
Conc: 28.45 ng/ml



#25 AR-1248-5

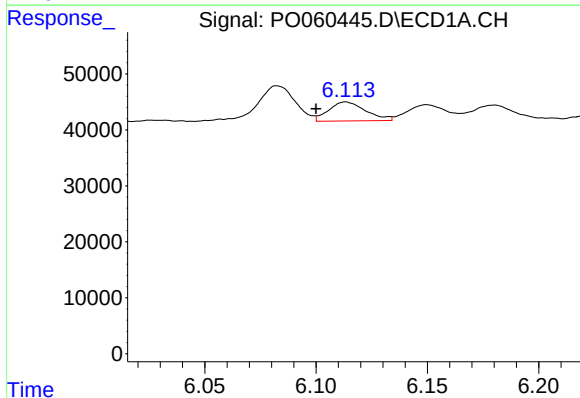
R.T.: 6.180 min
Delta R.T.: 0.002 min
Response: 33685
Conc: 16.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



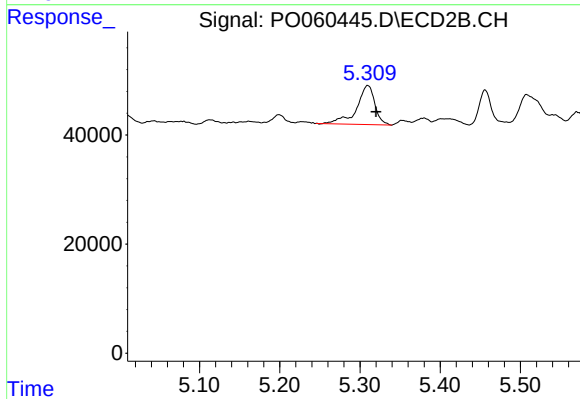
#25 AR-1248-5

R.T.: 5.310 min
Delta R.T.: -0.020 min
Response: 113590
Conc: 79.36 ng/ml



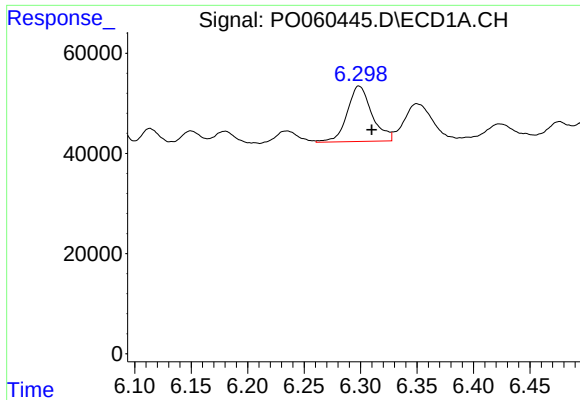
#26 AR-1254-1

R.T.: 6.114 min
Delta R.T.: 0.014 min
Response: 39546
Conc: 18.95 ng/ml



#26 AR-1254-1

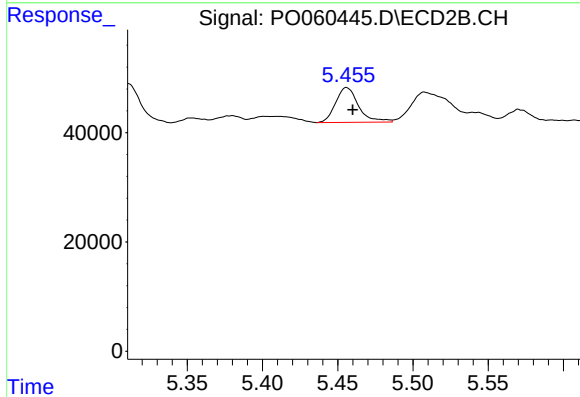
R.T.: 5.310 min
Delta R.T.: -0.010 min
Response: 113590
Conc: 47.89 ng/ml



#27 AR-1254-2

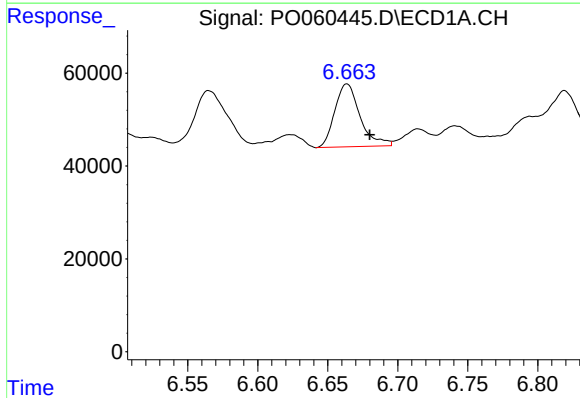
R.T.: 6.299 min
Delta R.T.: -0.011 min
Response: 168586
Conc: 50.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



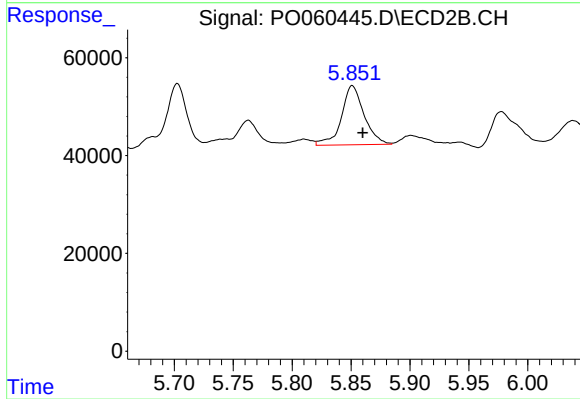
#27 AR-1254-2

R.T.: 5.456 min
Delta R.T.: -0.004 min
Response: 67629
Conc: 32.23 ng/ml



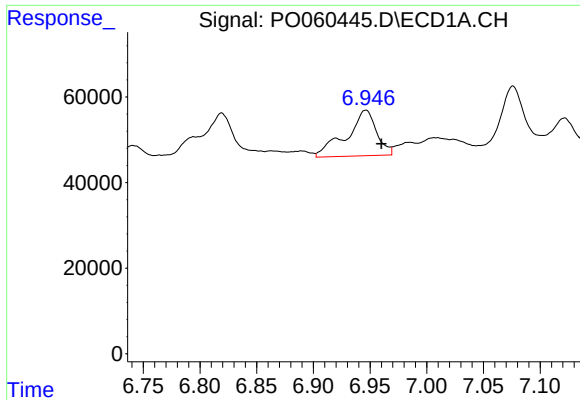
#28 AR-1254-3

R.T.: 6.664 min
Delta R.T.: -0.016 min
Response: 170380
Conc: 48.02 ng/ml



#28 AR-1254-3

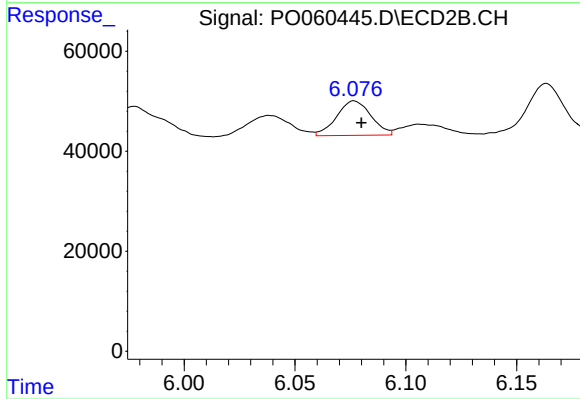
R.T.: 5.851 min
Delta R.T.: -0.009 min
Response: 161898
Conc: 48.15 ng/ml



#29 AR-1254-4

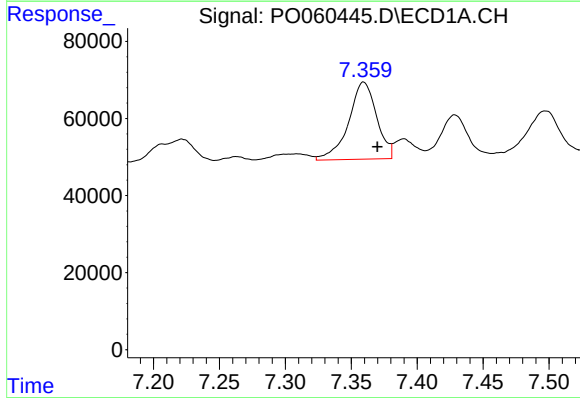
R.T.: 6.946 min
Delta R.T.: -0.014 min
Response: 196704
Conc: 66.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



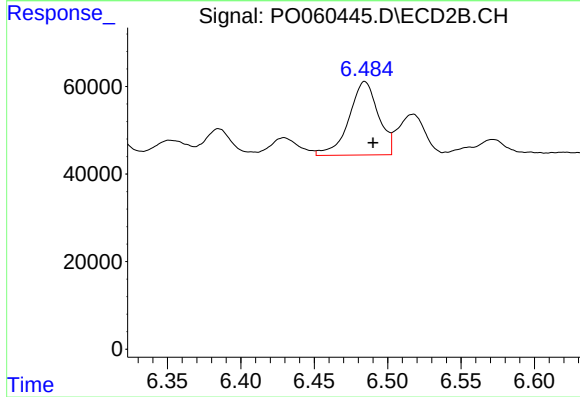
#29 AR-1254-4

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 74378
Conc: 36.07 ng/ml



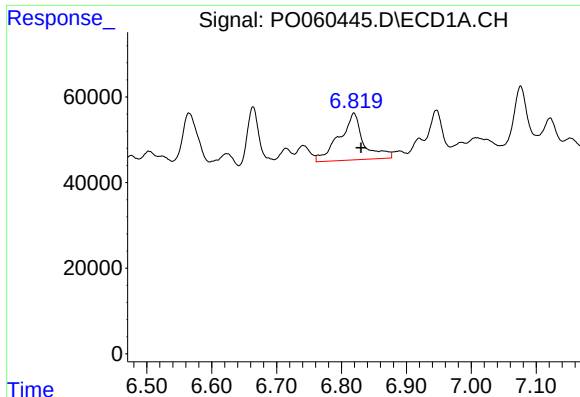
#30 AR-1254-5

R.T.: 7.359 min
Delta R.T.: -0.011 min
Response: 296502
Conc: 95.88 ng/ml



#30 AR-1254-5

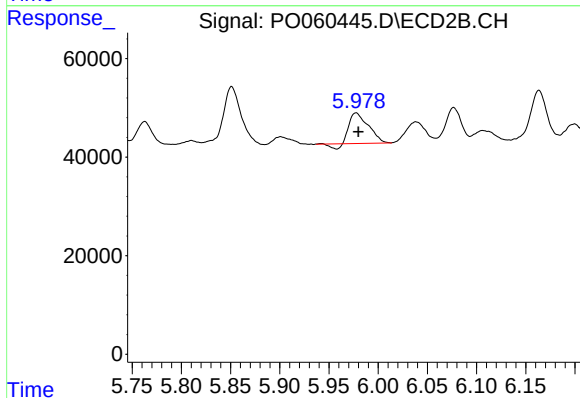
R.T.: 6.484 min
Delta R.T.: -0.006 min
Response: 233739
Conc: 75.28 ng/ml



#31 AR-1260-1

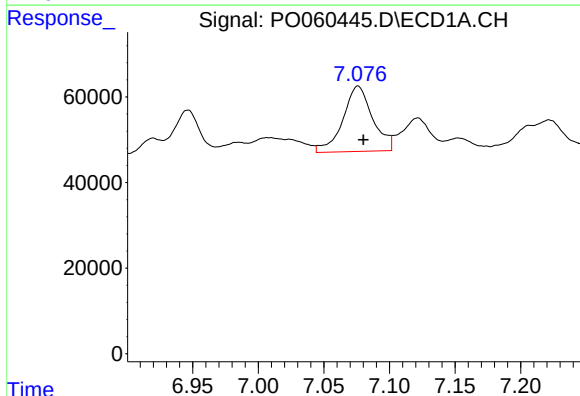
R.T.: 6.819 min
Delta R.T.: -0.011 min
Response: 283696
Conc: 105.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



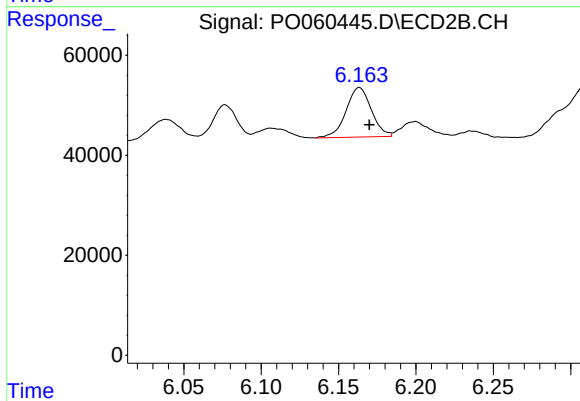
#31 AR-1260-1

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 77772
Conc: 34.13 ng/ml



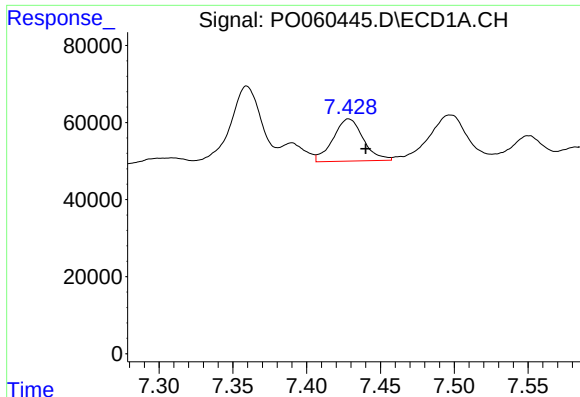
#32 AR-1260-2

R.T.: 7.076 min
Delta R.T.: -0.004 min
Response: 241230
Conc: 65.01 ng/ml



#32 AR-1260-2

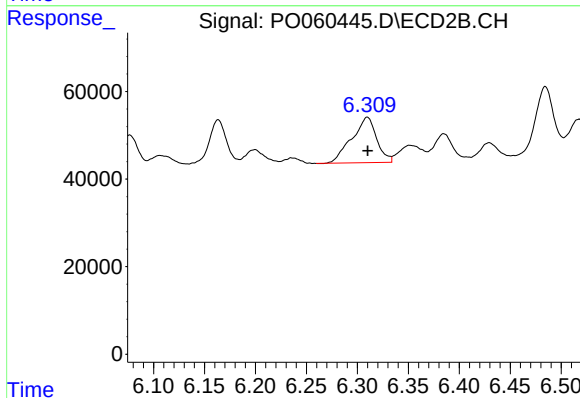
R.T.: 6.163 min
Delta R.T.: -0.007 min
Response: 112843
Conc: 38.51 ng/ml



#33 AR-1260-3

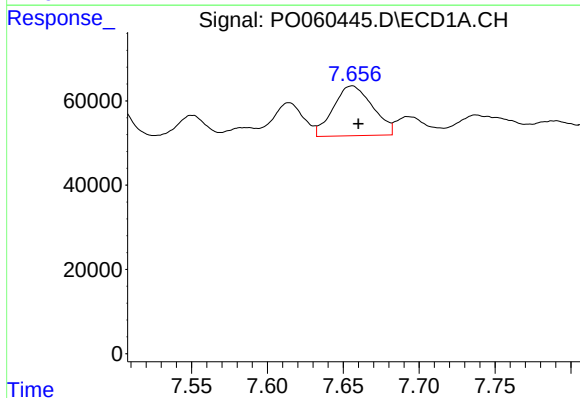
R.T.: 7.429 min
Delta R.T.: -0.011 min
Response: 156457
Conc: 47.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



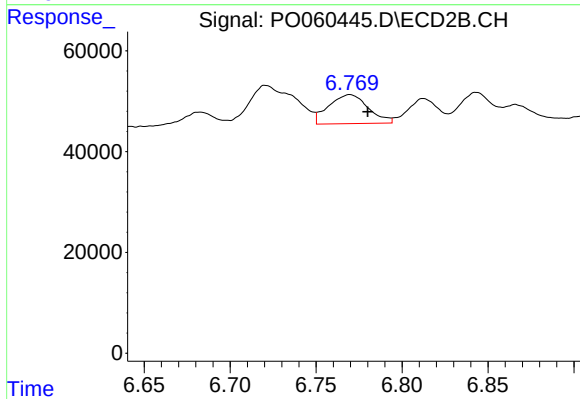
#33 AR-1260-3

R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 176560
Conc: 66.65 ng/ml



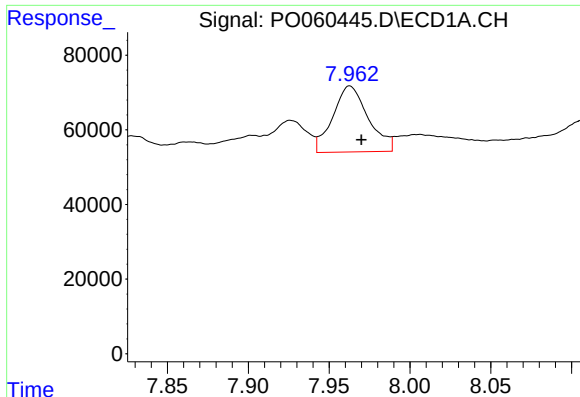
#34 AR-1260-4

R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 214217
Conc: 69.75 ng/ml



#34 AR-1260-4

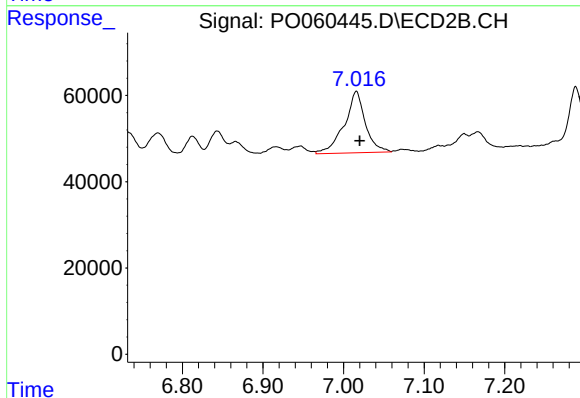
R.T.: 6.770 min
Delta R.T.: -0.010 min
Response: 92078
Conc: 40.70 ng/ml



#35 AR-1260-5

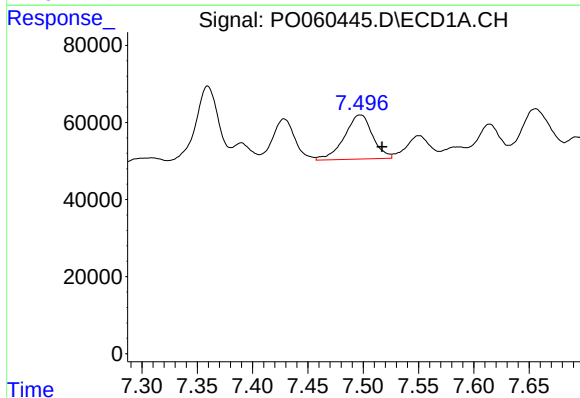
R.T.: 7.963 min
Delta R.T.: -0.007 min
Response: 271083
Conc: 38.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



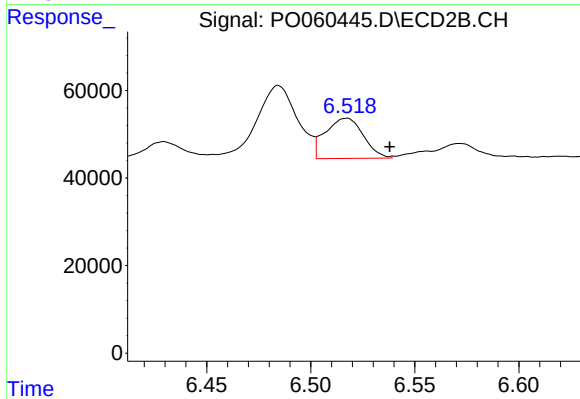
#35 AR-1260-5

R.T.: 7.016 min
Delta R.T.: -0.004 min
Response: 258844
Conc: 47.03 ng/ml



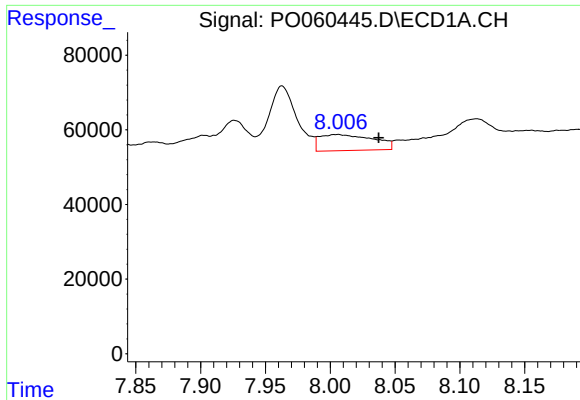
#36 AR-1262-1

R.T.: 7.497 min
Delta R.T.: -0.020 min
Response: 203696
Conc: 41.97 ng/ml



#36 AR-1262-1

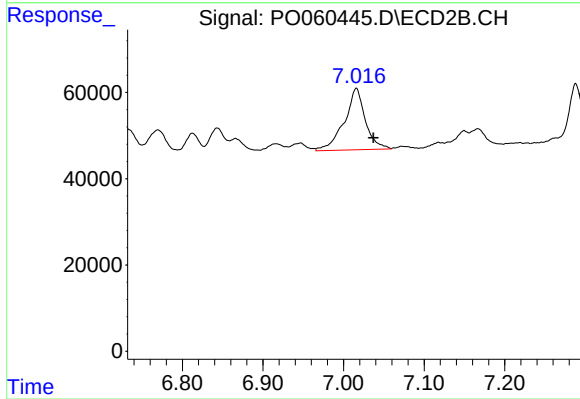
R.T.: 6.517 min
Delta R.T.: -0.021 min
Response: 116826
Conc: 31.34 ng/ml



#37 AR-1262-2

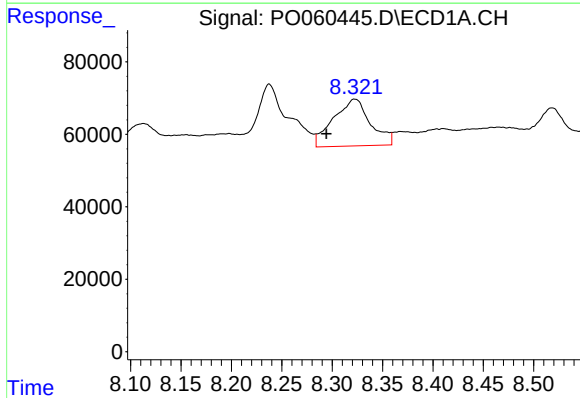
R.T.: 8.005 min
Delta R.T.: -0.032 min
Response: 124191
Conc: 16.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



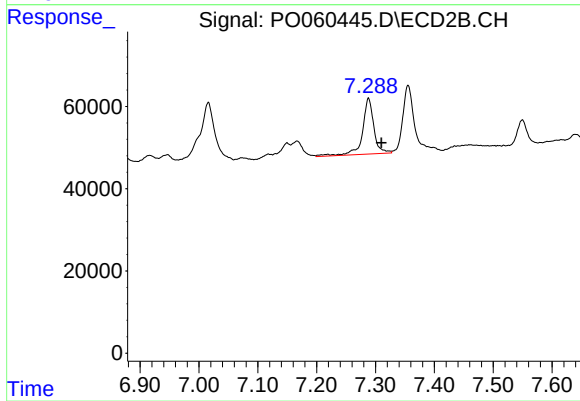
#37 AR-1262-2

R.T.: 7.016 min
Delta R.T.: -0.021 min
Response: 258844
Conc: 44.03 ng/ml



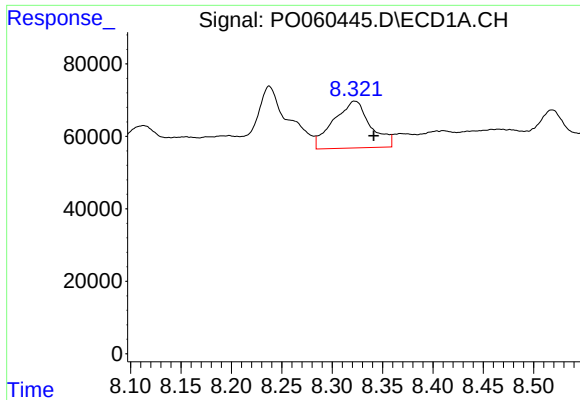
#38 AR-1262-3

R.T.: 8.323 min
Delta R.T.: 0.028 min
Response: 328984
Conc: 64.48 ng/ml



#38 AR-1262-3

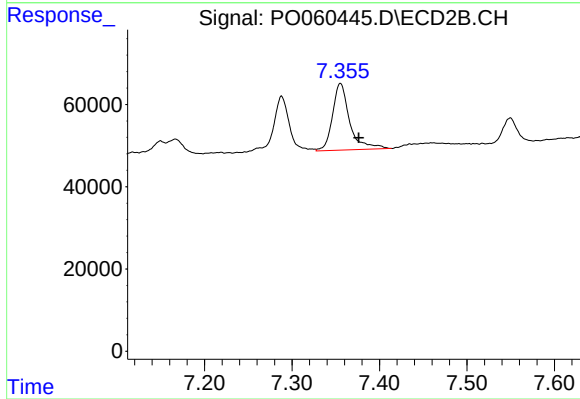
R.T.: 7.288 min
Delta R.T.: -0.022 min
Response: 182966
Conc: 72.01 ng/ml



#39 AR-1262-4

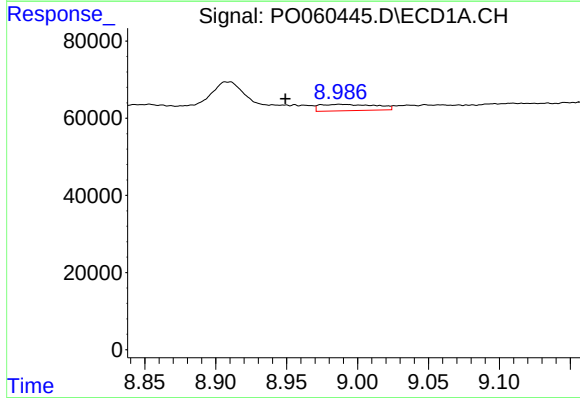
R.T.: 8.323 min
Delta R.T.: -0.019 min
Response: 328984
Conc: 85.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



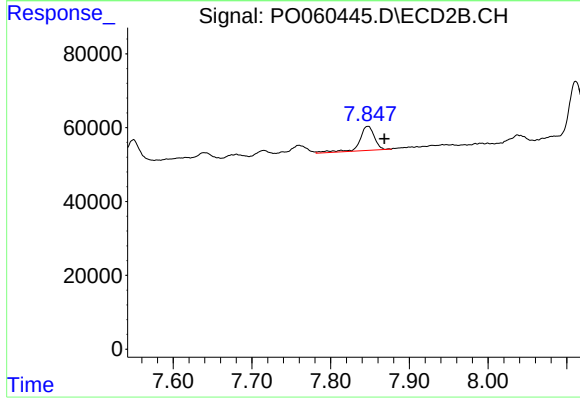
#39 AR-1262-4

R.T.: 7.355 min
Delta R.T.: -0.021 min
Response: 220895
Conc: 49.99 ng/ml



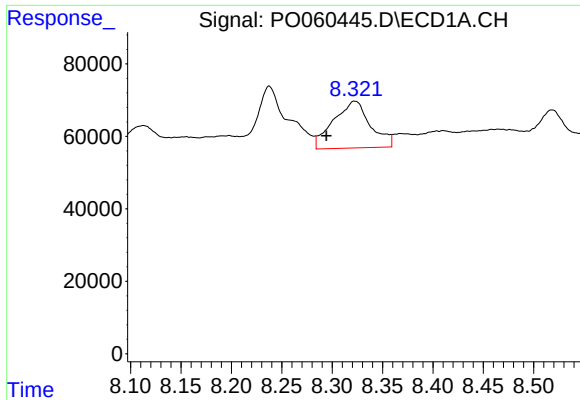
#40 AR-1262-5

R.T.: 8.988 min
Delta R.T.: 0.039 min
Response: 45273
Conc: 17.64 ng/ml



#40 AR-1262-5

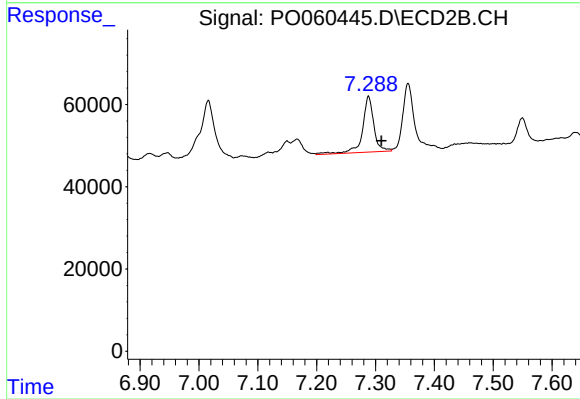
R.T.: 7.847 min
Delta R.T.: -0.021 min
Response: 85166
Conc: 47.17 ng/ml



#41 AR-1268-1

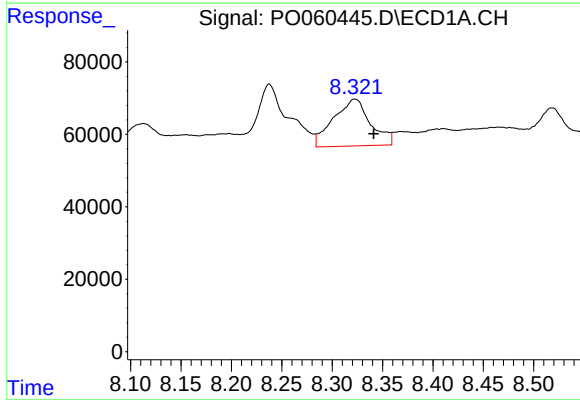
R.T.: 8.323 min
Delta R.T.: 0.028 min
Response: 328984
Conc: 34.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



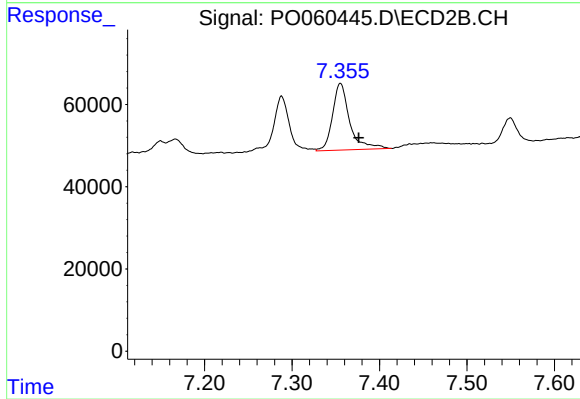
#41 AR-1268-1

R.T.: 7.288 min
Delta R.T.: -0.022 min
Response: 182966
Conc: 25.69 ng/ml



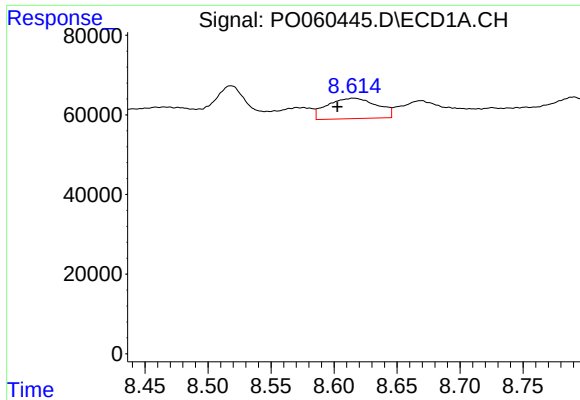
#42 AR-1268-2

R.T.: 8.323 min
Delta R.T.: -0.019 min
Response: 328984
Conc: 41.73 ng/ml



#42 AR-1268-2

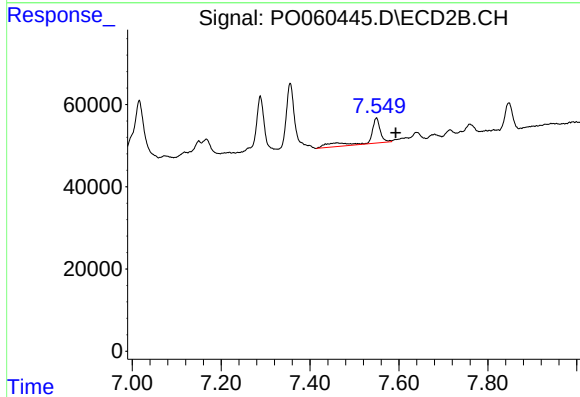
R.T.: 7.355 min
Delta R.T.: -0.021 min
Response: 220895
Conc: 34.26 ng/ml



#43 AR-1268-3

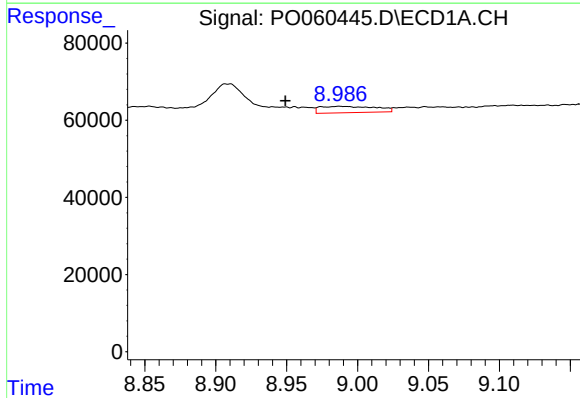
R.T.: 8.615 min
Delta R.T.: 0.013 min
Response: 140645
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



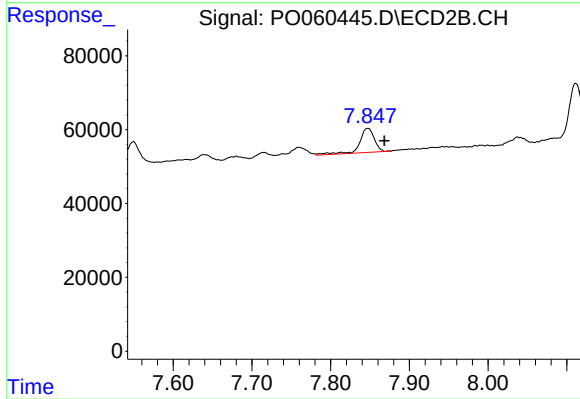
#43 AR-1268-3

R.T.: 7.549 min
Delta R.T.: -0.043 min
Response: 105850
Conc: 19.35 ng/ml



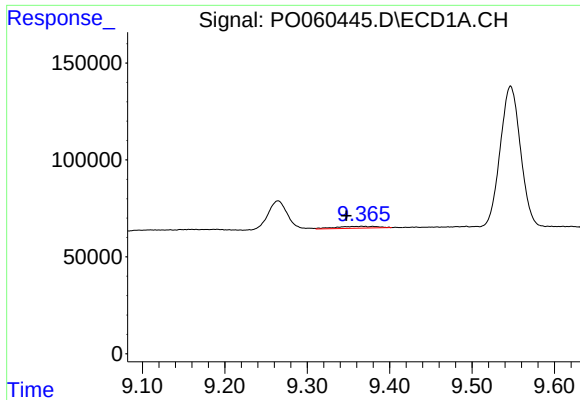
#44 AR-1268-4

R.T.: 8.988 min
Delta R.T.: 0.039 min
Response: 45273
Conc: 16.29 ng/ml



#44 AR-1268-4

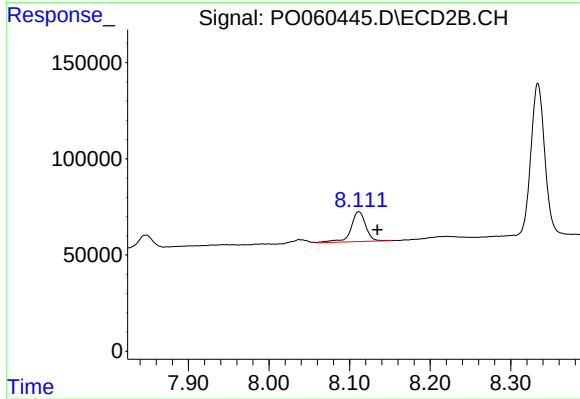
R.T.: 7.847 min
Delta R.T.: -0.021 min
Response: 85166
Conc: 41.72 ng/ml



#45 AR-1268-5

R.T.: 9.367 min
Delta R.T.: 0.019 min
Response: 33799
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.111 min
Delta R.T.: -0.023 min
Response: 199029
Conc: 13.70 ng/ml