

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059750.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 16:43
 Operator : SM/AJ
 Sample : K4475-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:22:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.125	3.498	894697	820840	25.554	22.804
2)	SA Decachlor...	9.598	8.359	641247	703578	12.053	17.449 #
Target Compounds							
3)	L1 AR-1016-1	5.280	4.547	7693	4687	4.797	3.467 #
4)	L1 AR-1016-2	5.280	4.547	7693	4687	3.216	2.340 #
5)	L1 AR-1016-3	5.357	4.777	1340	14054	0.900	12.990 #
6)	L1 AR-1016-4	5.425	4.777	1439	14054	1.190	15.564 #
7)	L1 AR-1016-5	5.744	4.962	29873	11213	23.263	9.734 #
8)	L2 AR-1221-1	4.353	3.700	1275	7407	3.011	18.454 #
9)	L2 AR-1221-2	4.425	3.790	15470	16260	47.630	53.377
10)	L2 AR-1221-3	4.507	3.906	14449	64839	13.737	66.267 #
11)	L3 AR-1232-1	4.507	3.906	14449	64839	11.592	56.870 #
12)	L3 AR-1232-2	5.037	4.547	9820	4687	13.901	3.680 #
13)	L3 AR-1232-3	5.341	4.777	2205	14054	1.440	20.640 #
14)	L3 AR-1232-4	5.498	4.843	2779	14840	3.554	24.326 #
15)	L3 AR-1232-5	5.542	4.962	4886	11213	8.127	16.472 #
16)	L4 AR-1242-1	5.280	4.547	7693	4687	6.060	4.556
17)	L4 AR-1242-2	5.341	4.547	2205	4687	1.188	3.077 #
18)	L4 AR-1242-3	5.385	4.777	7622	14054	6.521	16.821 #
19)	L4 AR-1242-4	5.498	4.843	2779	14840	2.871	17.786 #
20)	L4 AR-1242-5	6.182	5.329	22489	46535	17.896	41.601 #
21)	L5 AR-1248-1	5.280	4.547	7693	4687	7.674	5.660 #
22)	L5 AR-1248-2	5.542	4.777	4886	14054	3.367	12.188 #
23)	L5 AR-1248-3	5.744	4.843	29873	14840	17.974	12.494 #
24)	L5 AR-1248-4	6.139	4.962	28250	11213	13.820	7.717 #
25)	L5 AR-1248-5	6.182	5.373	22489	8541	11.340	5.968 #
26)	L6 AR-1254-1	6.113	5.329	49694	46535	23.818	19.620
27)	L6 AR-1254-2	6.331	5.474	47592	37455	14.265	17.850 #
28)	L6 AR-1254-3	6.695	5.881	188920	575221	53.240	171.069 #
29)	L6 AR-1254-4	6.971	6.124	141182	474270	47.931	230.024 #
30)	L6 AR-1254-5	7.391	6.503	1905120	1752827	616.066	564.522
31)	L7 AR-1260-1	6.851	5.994	1413003	1062734	524.146	466.335
32)	L7 AR-1260-2	7.108	6.183	1076643	735991	290.163	251.202
33)	L7 AR-1260-3	7.461	6.330	2123602	967487	648.164	365.209 #
34)	L7 AR-1260-4	7.689	6.794	2120426	1462841	690.395	646.537
35)	L7 AR-1260-5	7.996	7.037	4421559	3442756	624.434	625.578
36)	L8 AR-1262-1	7.461	6.537	2123602	1681369	437.594	451.065
37)	L8 AR-1262-2	8.039	7.037	420482	3442756	54.496	585.598 #
38)	L8 AR-1262-3	8.297	7.310	1821356	916785	356.967	360.802
39)	L8 AR-1262-4	8.345	7.376	1995459	2431297	517.665	550.198
40)	L8 AR-1262-5	8.953	7.914	1225009	-852801	477.296	N.D. #
41)	L9 AR-1268-1	8.297	7.310	1821356	916785	193.542	128.745 #

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 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

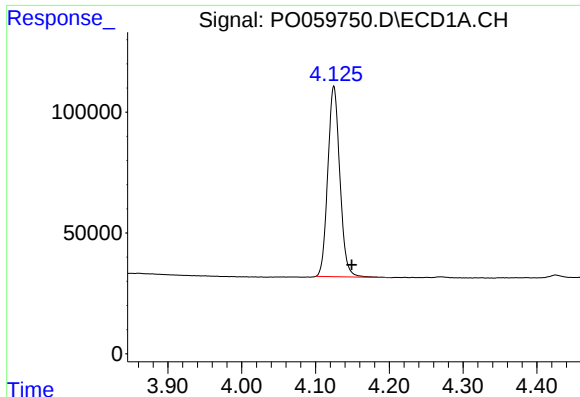
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.345	7.376	1995459	2431297	253.144	377.062 #
43) L9	AR-1268-3	8.611	7.572	166897	60239	23.677	11.009 #
44) L9	AR-1268-4	8.953	7.914	1225009	-852801	440.644	N.D. #
45) L9	AR-1268-5	9.313	8.135	347035	127163	18.818	8.752 #

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

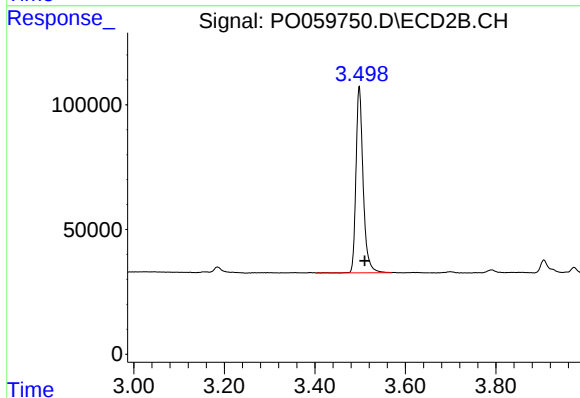
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
Data File : P0059750.D
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Acq On : 23 Aug 2019 16:43
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Misc :
ALS Vial : 28 Sample Multiplier: 1



#1 Tetrachloro-m-xylene

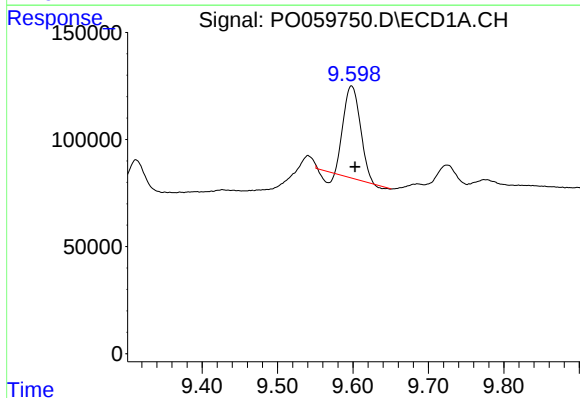
R.T.: 4.125 min
Delta R.T.: -0.024 min
Response: 894697
Conc: 25.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



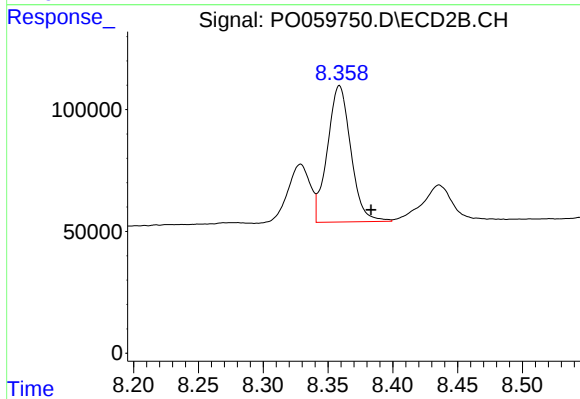
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.012 min
Response: 820840
Conc: 22.80 ng/ml



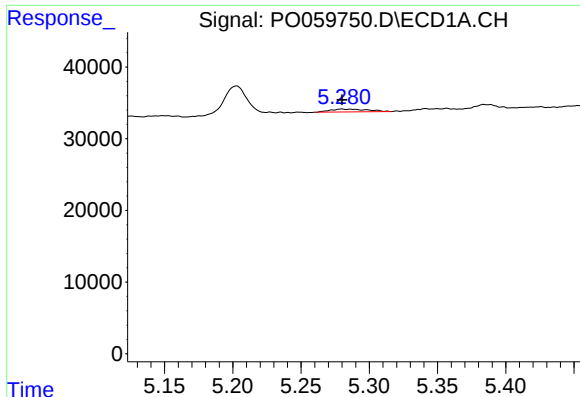
#2 Decachlorobiphenyl

R.T.: 9.598 min
Delta R.T.: -0.005 min
Response: 641247
Conc: 12.05 ng/ml



#2 Decachlorobiphenyl

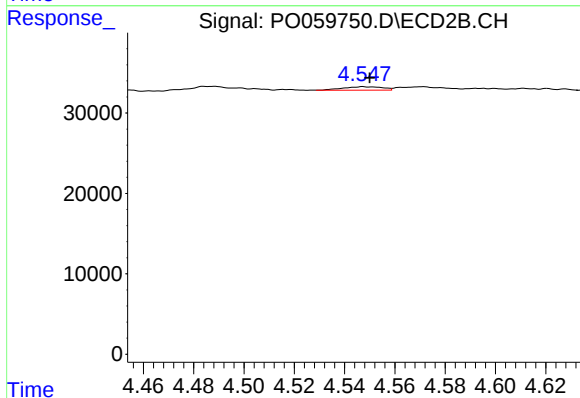
R.T.: 8.359 min
Delta R.T.: -0.025 min
Response: 703578
Conc: 17.45 ng/ml



#3 AR-1016-1

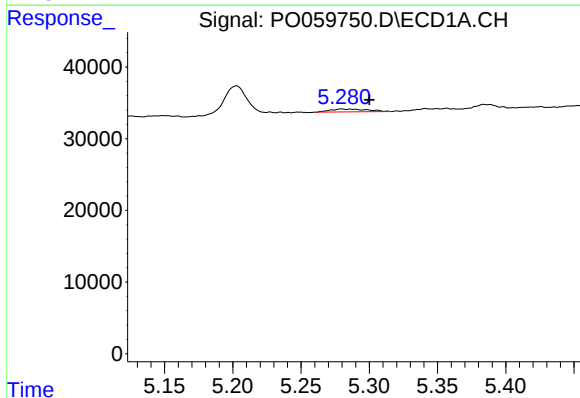
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 7693
Conc: 4.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



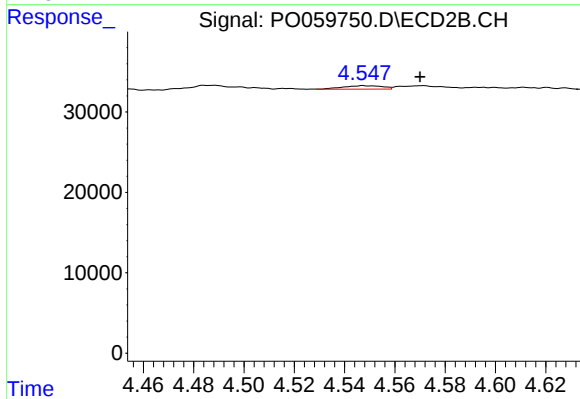
#3 AR-1016-1

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 4687
Conc: 3.47 ng/ml



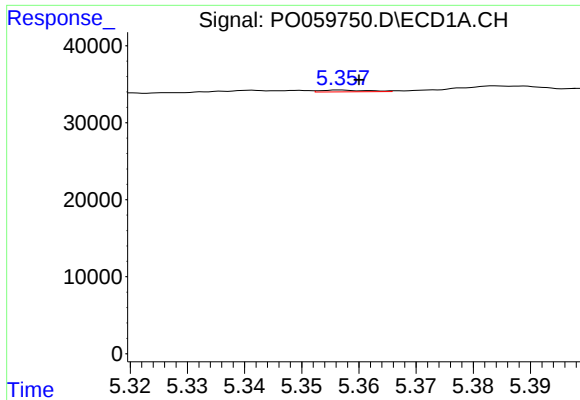
#4 AR-1016-2

R.T.: 5.280 min
Delta R.T.: -0.020 min
Response: 7693
Conc: 3.22 ng/ml



#4 AR-1016-2

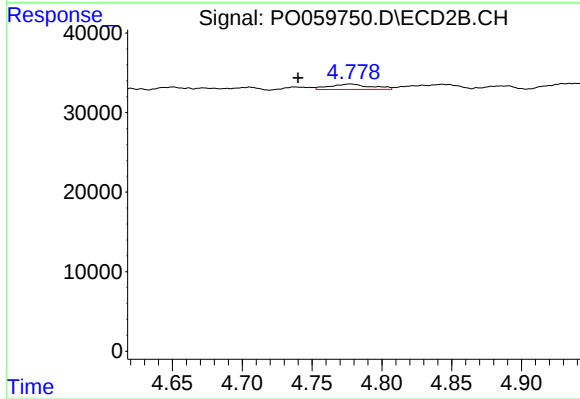
R.T.: 4.547 min
Delta R.T.: -0.023 min
Response: 4687
Conc: 2.34 ng/ml



#5 AR-1016-3

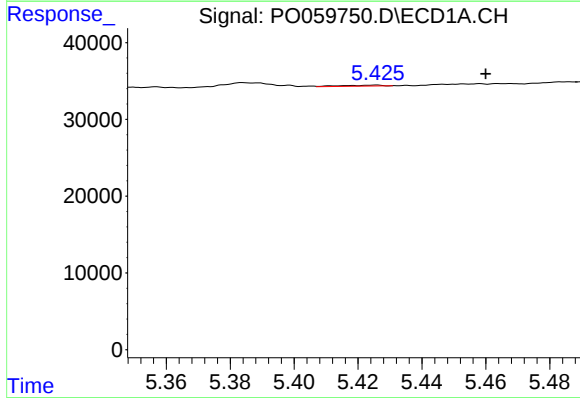
R.T.: 5.357 min
Delta R.T.: -0.003 min
Response: 1340
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



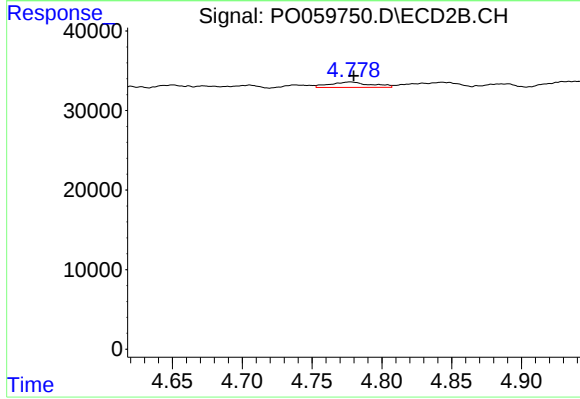
#5 AR-1016-3

R.T.: 4.777 min
Delta R.T.: 0.037 min
Response: 14054
Conc: 12.99 ng/ml



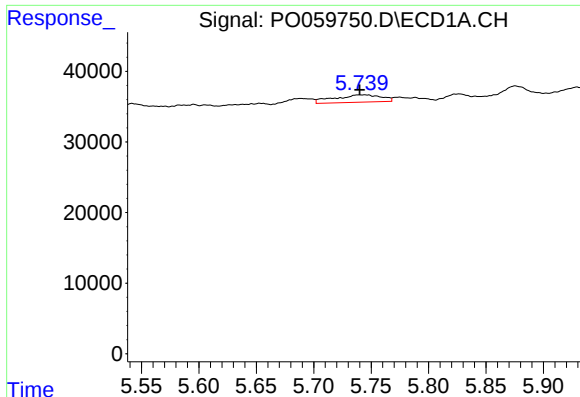
#6 AR-1016-4

R.T.: 5.425 min
Delta R.T.: -0.035 min
Response: 1439
Conc: 1.19 ng/ml



#6 AR-1016-4

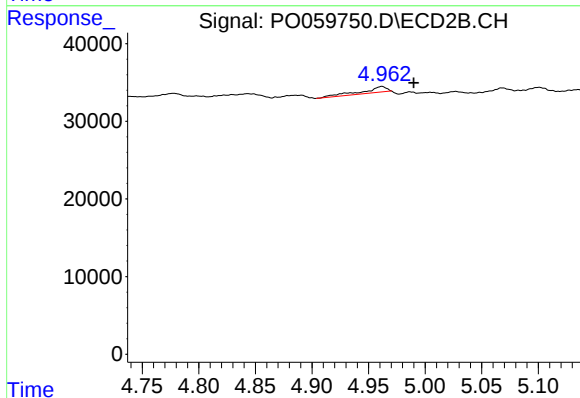
R.T.: 4.777 min
Delta R.T.: -0.003 min
Response: 14054
Conc: 15.56 ng/ml



#7 AR-1016-5

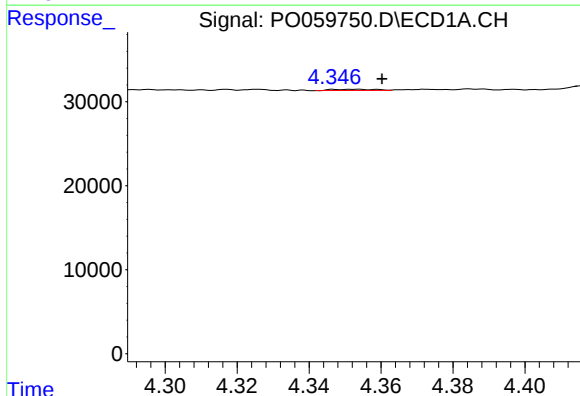
R.T.: 5.744 min
Delta R.T.: 0.004 min
Response: 29873
Conc: 23.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



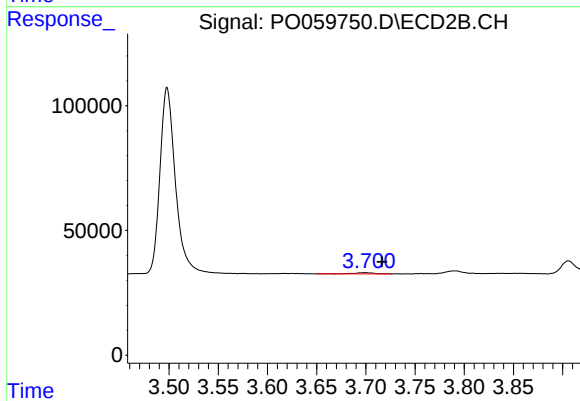
#7 AR-1016-5

R.T.: 4.962 min
Delta R.T.: -0.028 min
Response: 11213
Conc: 9.73 ng/ml



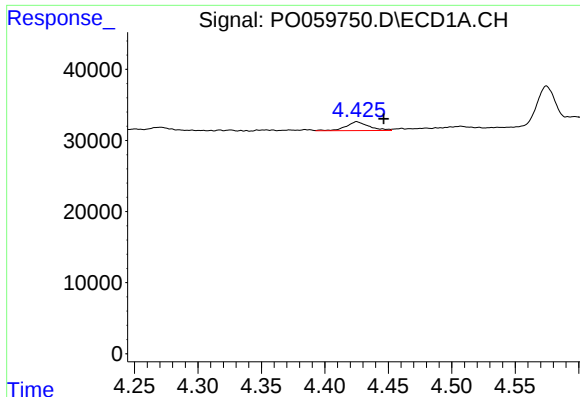
#8 AR-1221-1

R.T.: 4.353 min
Delta R.T.: -0.007 min
Response: 1275
Conc: 3.01 ng/ml



#8 AR-1221-1

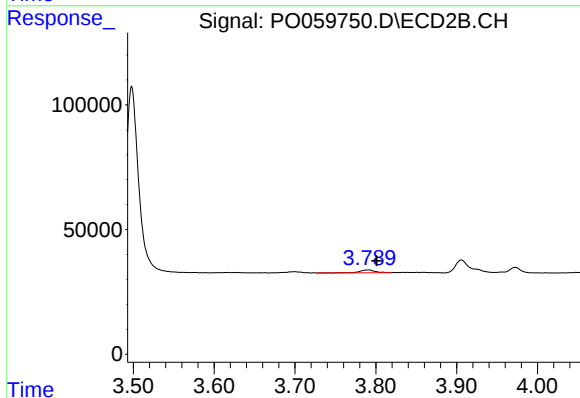
R.T.: 3.700 min
Delta R.T.: -0.017 min
Response: 7407
Conc: 18.45 ng/ml



#9 AR-1221-2

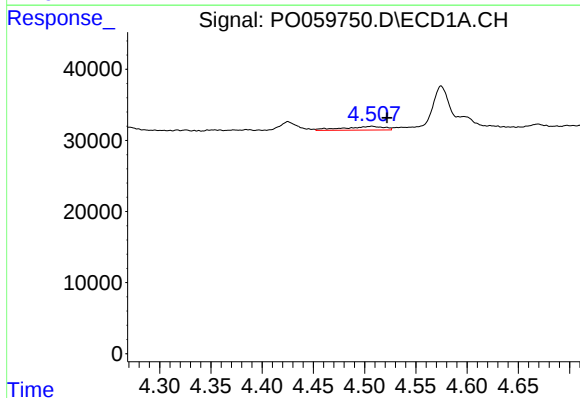
R.T.: 4.425 min
Delta R.T.: -0.021 min
Response: 15470
Conc: 47.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



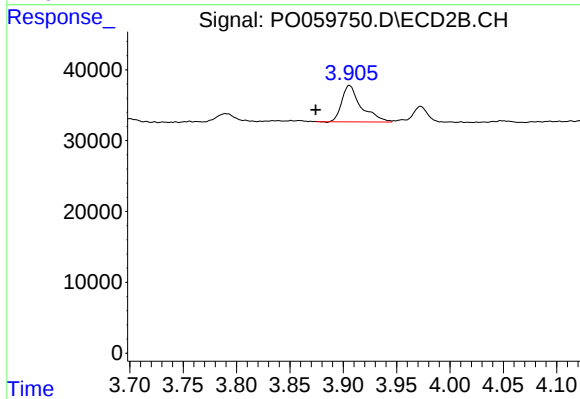
#9 AR-1221-2

R.T.: 3.790 min
Delta R.T.: -0.011 min
Response: 16260
Conc: 53.38 ng/ml



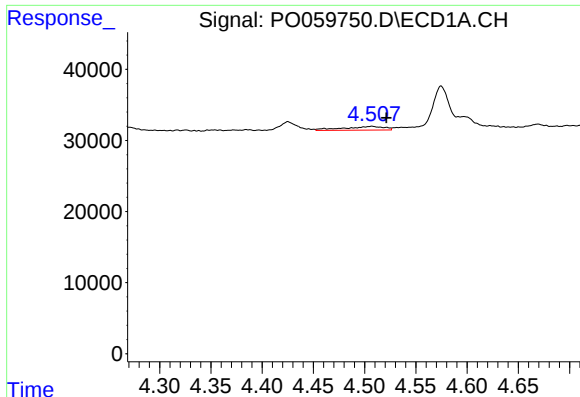
#10 AR-1221-3

R.T.: 4.507 min
Delta R.T.: -0.015 min
Response: 14449
Conc: 13.74 ng/ml



#10 AR-1221-3

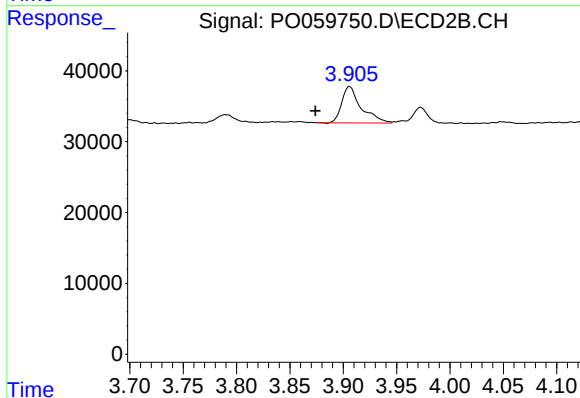
R.T.: 3.906 min
Delta R.T.: 0.032 min
Response: 64839
Conc: 66.27 ng/ml



#11 AR-1232-1

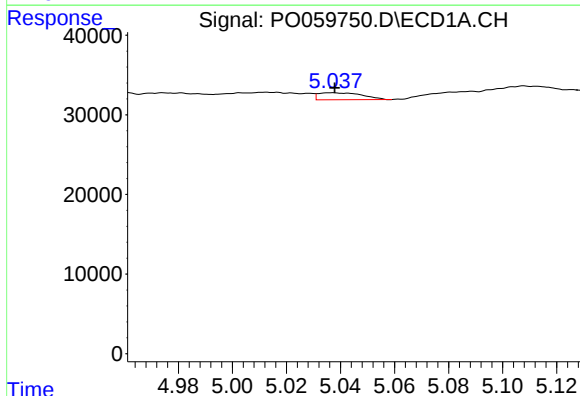
R.T.: 4.507 min
Delta R.T.: -0.014 min
Response: 14449
Conc: 11.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



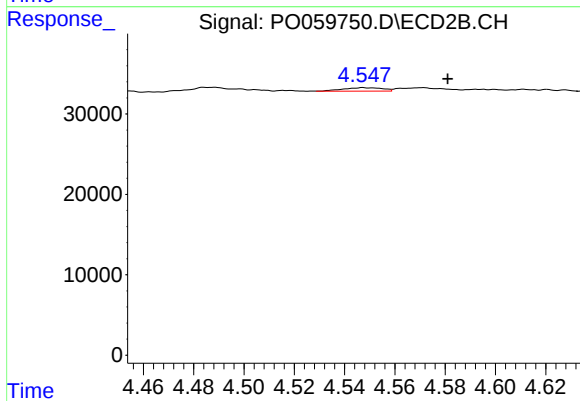
#11 AR-1232-1

R.T.: 3.906 min
Delta R.T.: 0.032 min
Response: 64839
Conc: 56.87 ng/ml



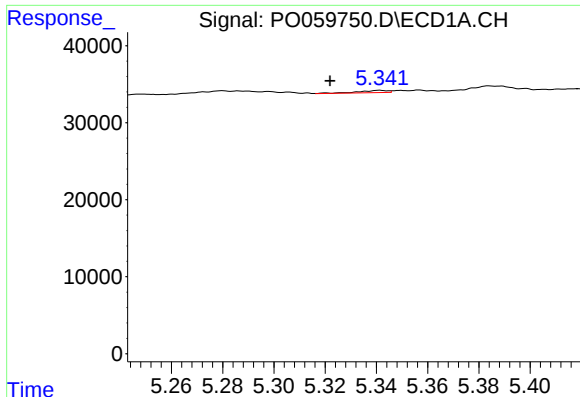
#12 AR-1232-2

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 9820
Conc: 13.90 ng/ml



#12 AR-1232-2

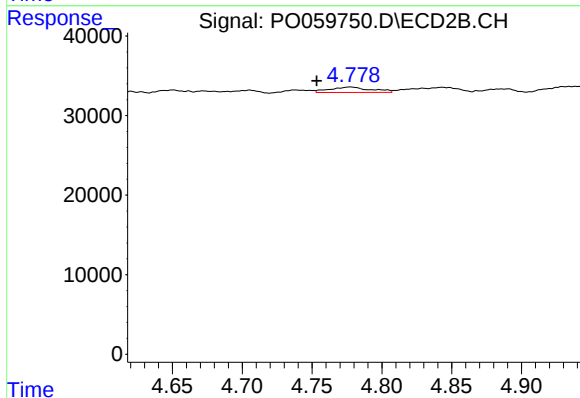
R.T.: 4.547 min
Delta R.T.: -0.034 min
Response: 4687
Conc: 3.68 ng/ml



#13 AR-1232-3

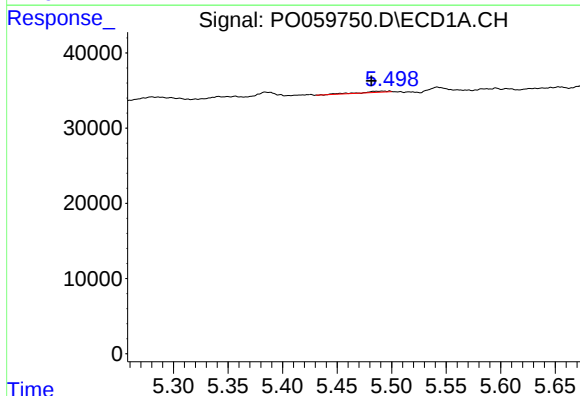
R.T.: 5.341 min
Delta R.T.: 0.020 min
Response: 2205
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



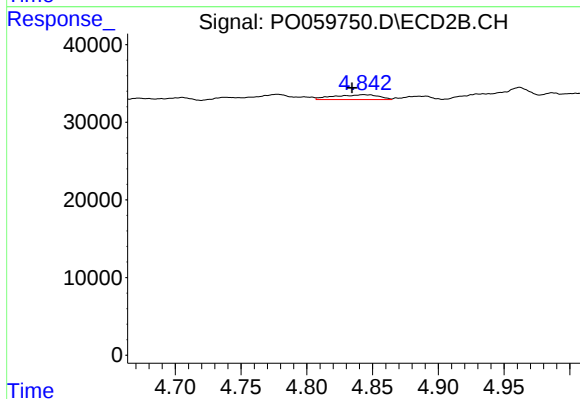
#13 AR-1232-3

R.T.: 4.777 min
Delta R.T.: 0.024 min
Response: 14054
Conc: 20.64 ng/ml



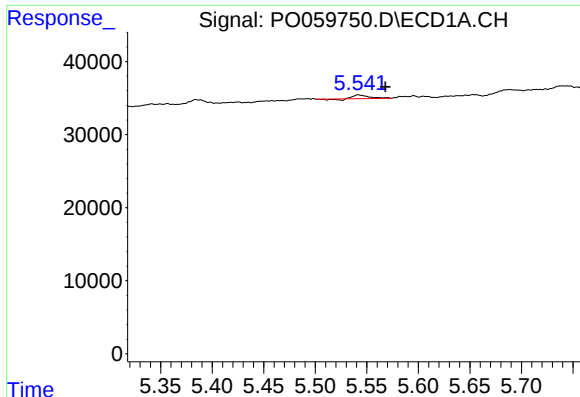
#14 AR-1232-4

R.T.: 5.498 min
Delta R.T.: 0.017 min
Response: 2779
Conc: 3.55 ng/ml



#14 AR-1232-4

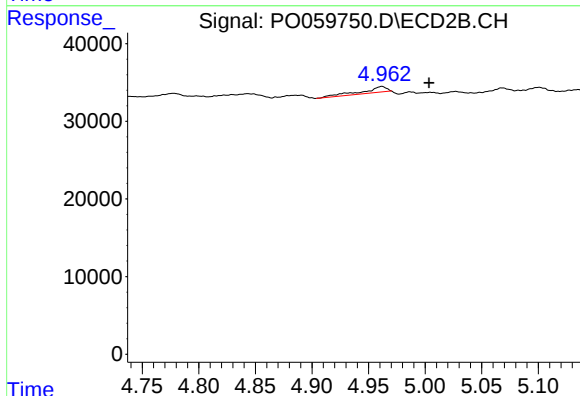
R.T.: 4.843 min
Delta R.T.: 0.009 min
Response: 14840
Conc: 24.33 ng/ml



#15 AR-1232-5

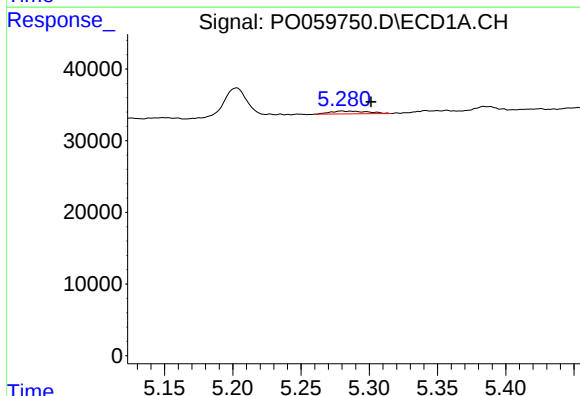
R.T.: 5.542 min
Delta R.T.: -0.026 min
Response: 4886
Conc: 8.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



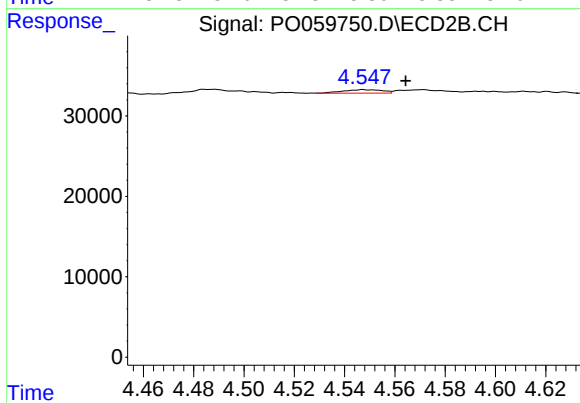
#15 AR-1232-5

R.T.: 4.962 min
Delta R.T.: -0.042 min
Response: 11213
Conc: 16.47 ng/ml



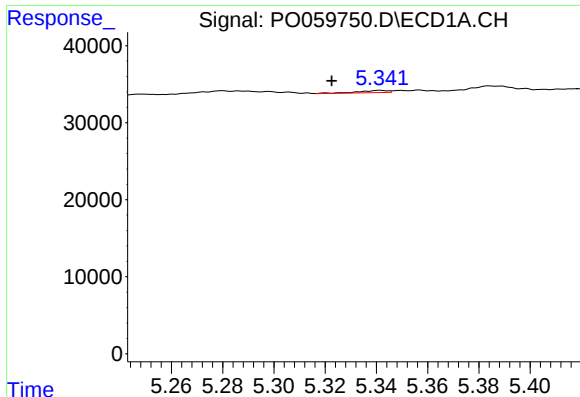
#16 AR-1242-1

R.T.: 5.280 min
Delta R.T.: -0.021 min
Response: 7693
Conc: 6.06 ng/ml



#16 AR-1242-1

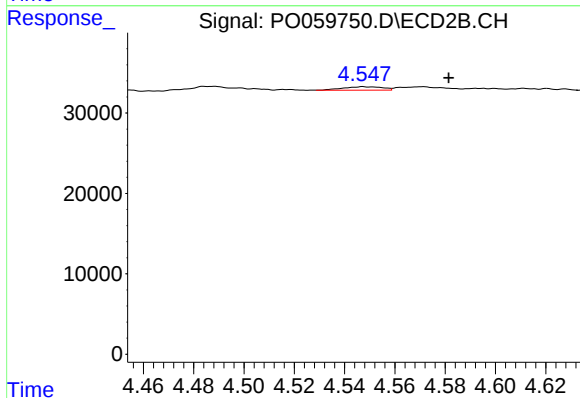
R.T.: 4.547 min
Delta R.T.: -0.017 min
Response: 4687
Conc: 4.56 ng/ml



#17 AR-1242-2

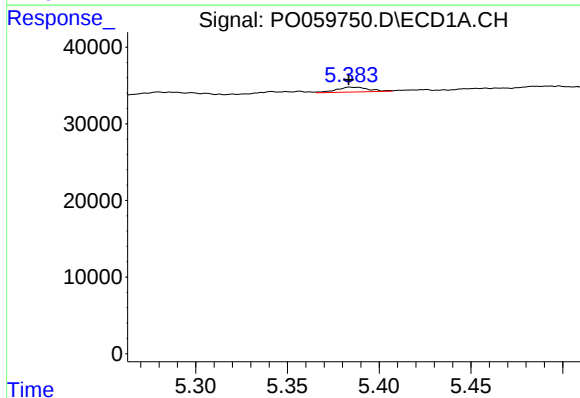
R.T.: 5.341 min
Delta R.T.: 0.019 min
Response: 2205
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



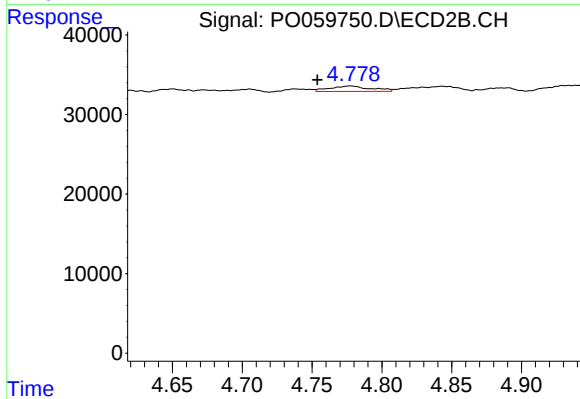
#17 AR-1242-2

R.T.: 4.547 min
Delta R.T.: -0.034 min
Response: 4687
Conc: 3.08 ng/ml



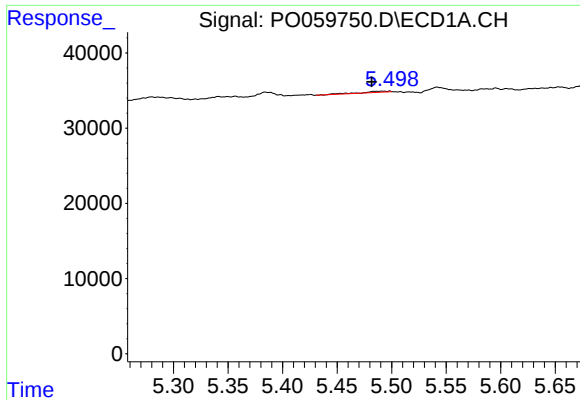
#18 AR-1242-3

R.T.: 5.385 min
Delta R.T.: 0.001 min
Response: 7622
Conc: 6.52 ng/ml



#18 AR-1242-3

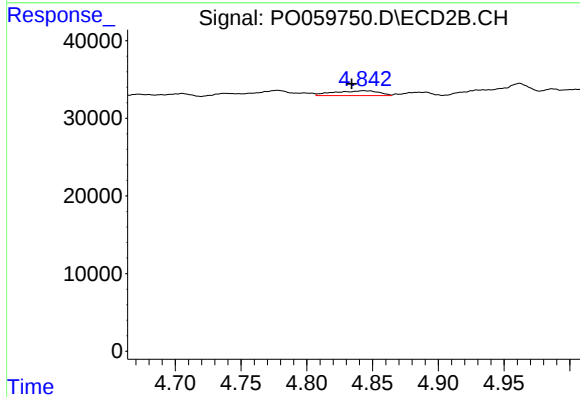
R.T.: 4.777 min
Delta R.T.: 0.024 min
Response: 14054
Conc: 16.82 ng/ml



#19 AR-1242-4

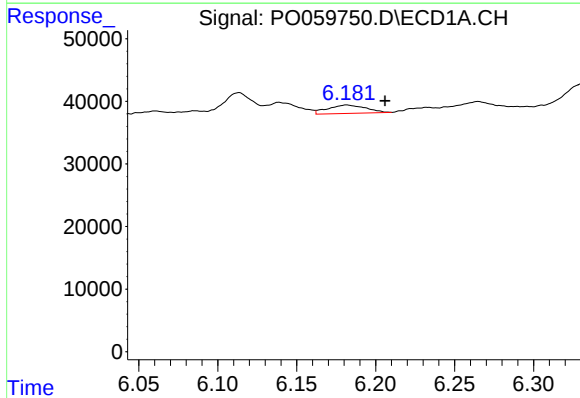
R.T.: 5.498 min
Delta R.T.: 0.016 min
Response: 2779
Conc: 2.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



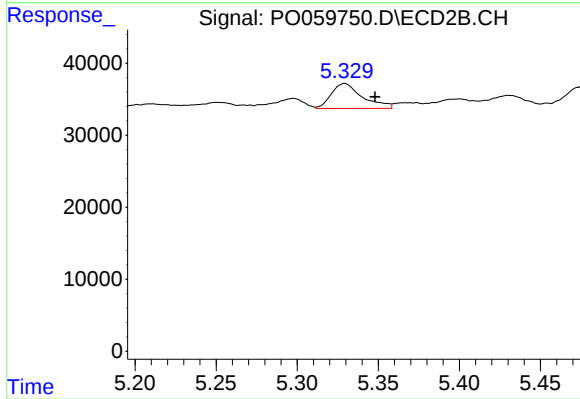
#19 AR-1242-4

R.T.: 4.843 min
Delta R.T.: 0.009 min
Response: 14840
Conc: 17.79 ng/ml



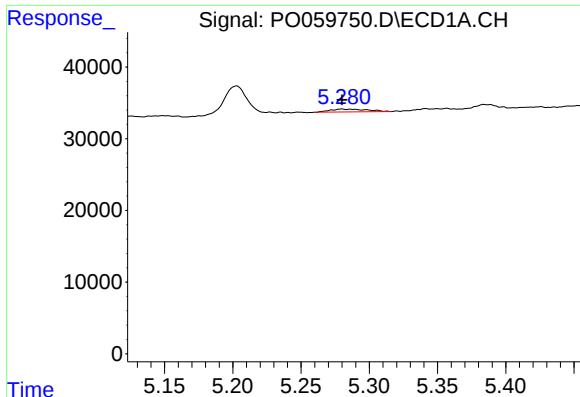
#20 AR-1242-5

R.T.: 6.182 min
Delta R.T.: -0.024 min
Response: 22489
Conc: 17.90 ng/ml



#20 AR-1242-5

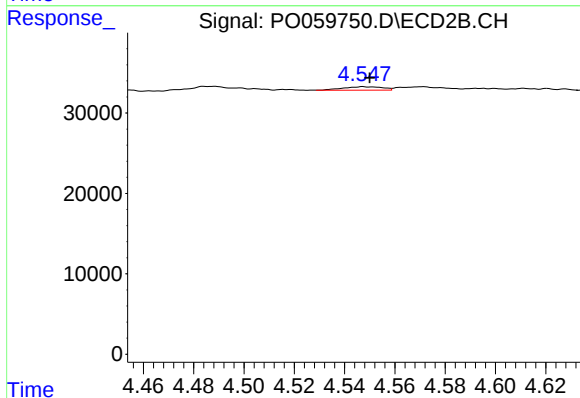
R.T.: 5.329 min
Delta R.T.: -0.019 min
Response: 46535
Conc: 41.60 ng/ml



#21 AR-1248-1

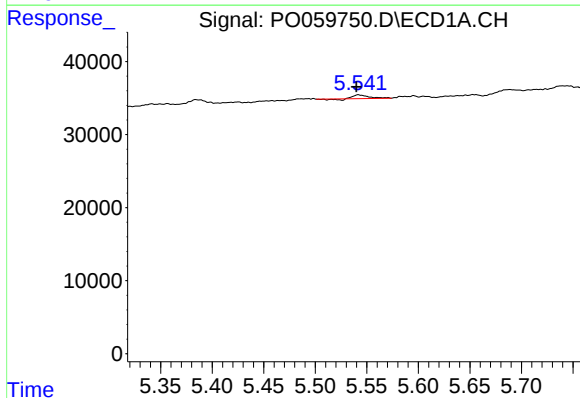
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 7693
Conc: 7.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



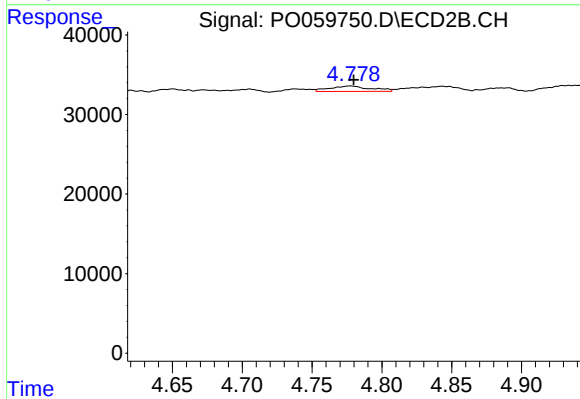
#21 AR-1248-1

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 4687
Conc: 5.66 ng/ml



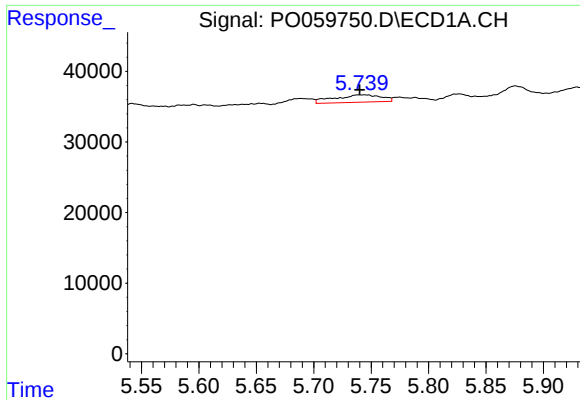
#22 AR-1248-2

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 4886
Conc: 3.37 ng/ml



#22 AR-1248-2

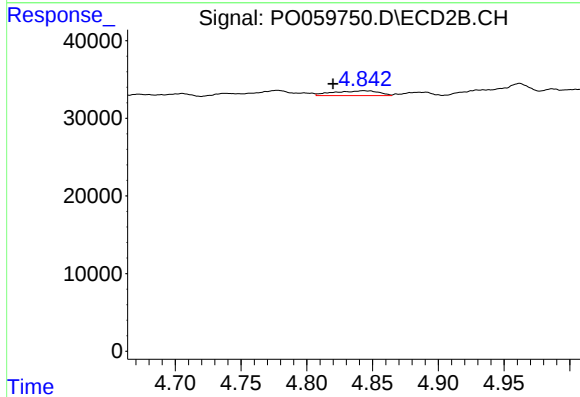
R.T.: 4.777 min
Delta R.T.: -0.003 min
Response: 14054
Conc: 12.19 ng/ml



#23 AR-1248-3

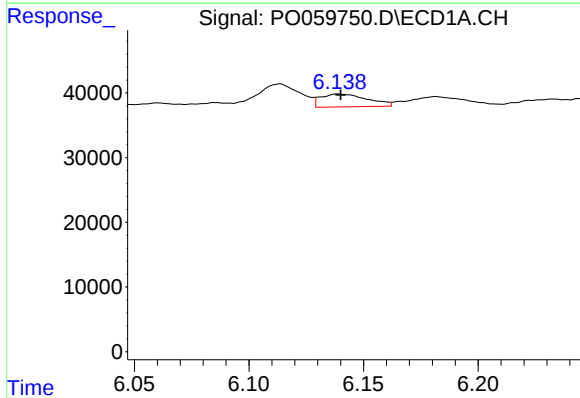
R.T.: 5.744 min
Delta R.T.: 0.004 min
Response: 29873
Conc: 17.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



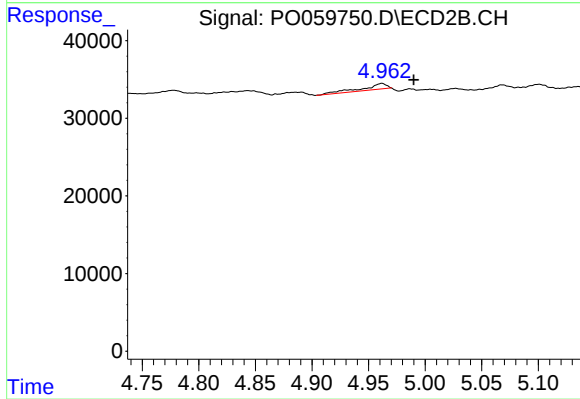
#23 AR-1248-3

R.T.: 4.843 min
Delta R.T.: 0.023 min
Response: 14840
Conc: 12.49 ng/ml



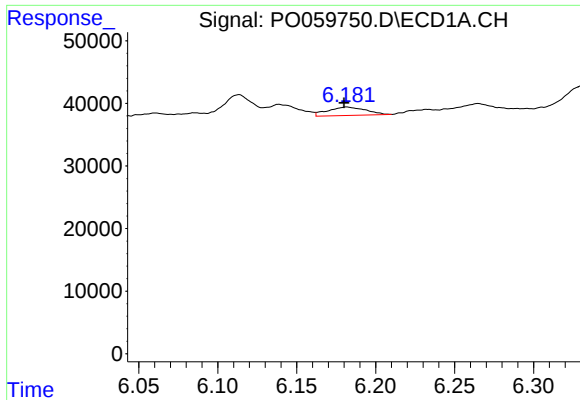
#24 AR-1248-4

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 28250
Conc: 13.82 ng/ml



#24 AR-1248-4

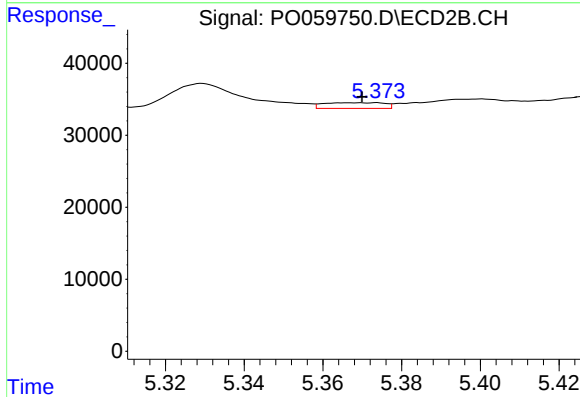
R.T.: 4.962 min
Delta R.T.: -0.028 min
Response: 11213
Conc: 7.72 ng/ml



#25 AR-1248-5

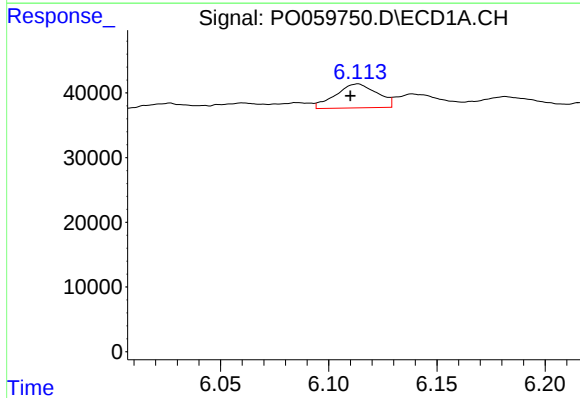
R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 22489
Conc: 11.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



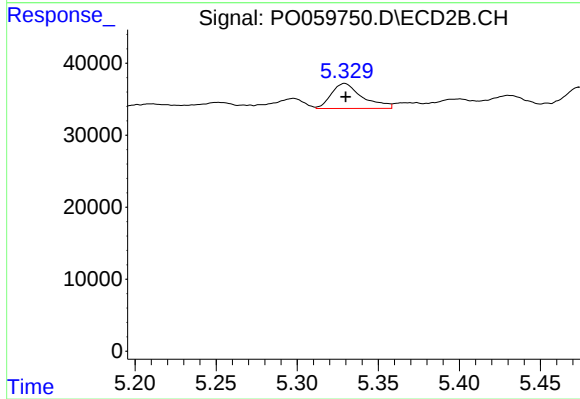
#25 AR-1248-5

R.T.: 5.373 min
Delta R.T.: 0.003 min
Response: 8541
Conc: 5.97 ng/ml



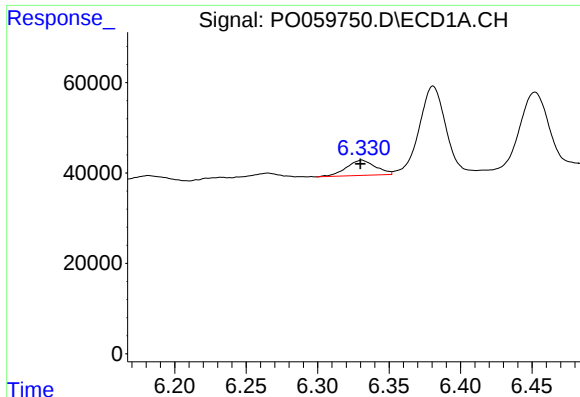
#26 AR-1254-1

R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 49694
Conc: 23.82 ng/ml



#26 AR-1254-1

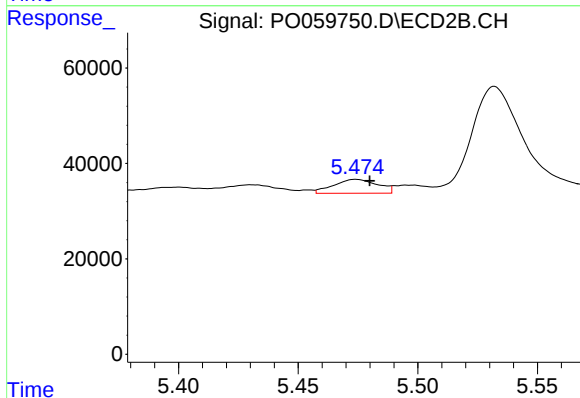
R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 46535
Conc: 19.62 ng/ml



#27 AR-1254-2

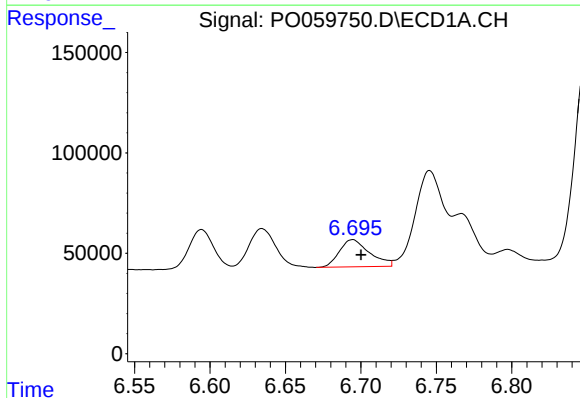
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 47592
Conc: 14.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



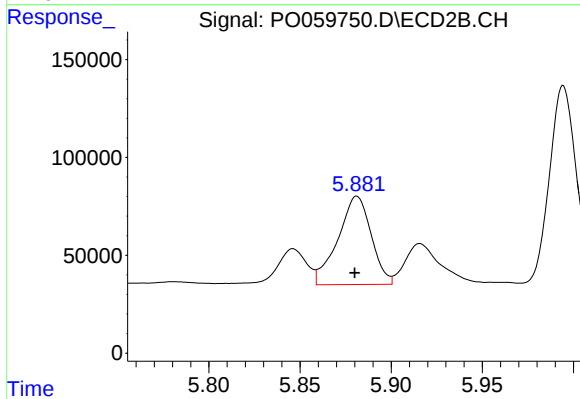
#27 AR-1254-2

R.T.: 5.474 min
Delta R.T.: -0.006 min
Response: 37455
Conc: 17.85 ng/ml



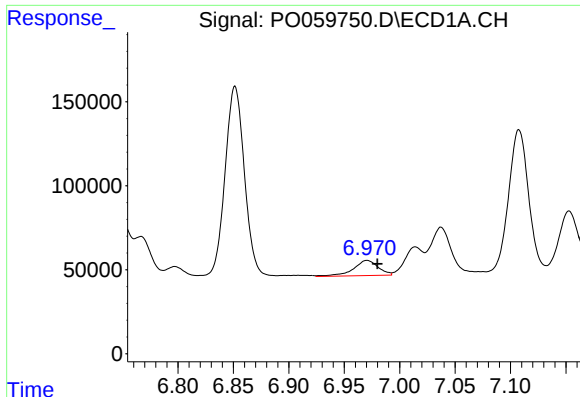
#28 AR-1254-3

R.T.: 6.695 min
Delta R.T.: -0.005 min
Response: 188920
Conc: 53.24 ng/ml



#28 AR-1254-3

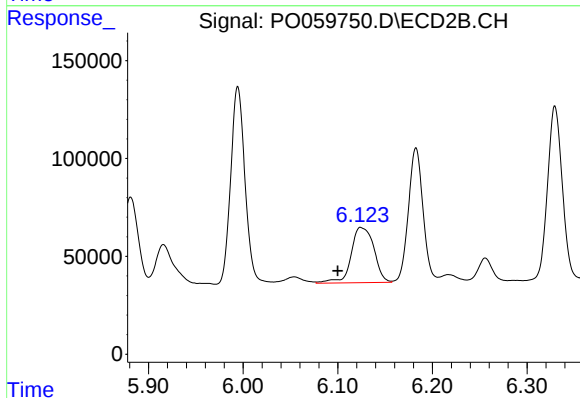
R.T.: 5.881 min
Delta R.T.: 0.001 min
Response: 575221
Conc: 171.07 ng/ml



#29 AR-1254-4

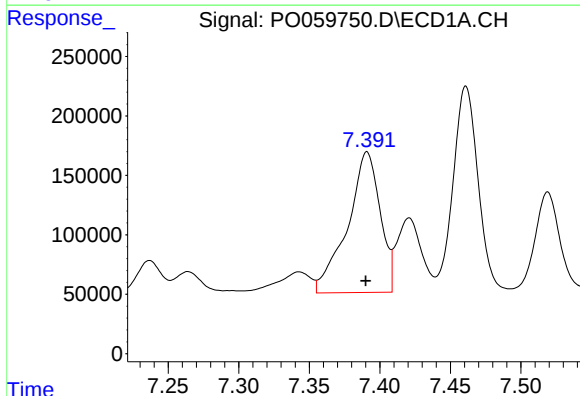
R.T.: 6.971 min
Delta R.T.: -0.009 min
Response: 141182
Conc: 47.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



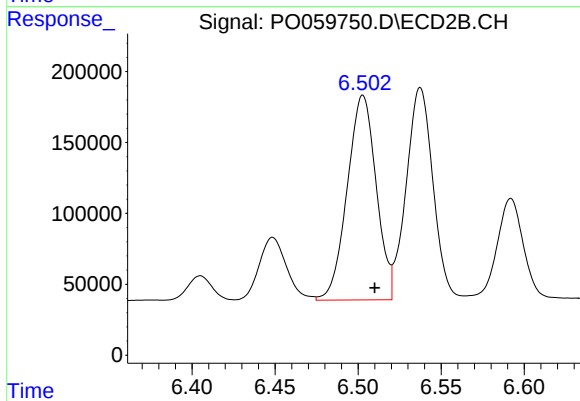
#29 AR-1254-4

R.T.: 6.124 min
Delta R.T.: 0.024 min
Response: 474270
Conc: 230.02 ng/ml



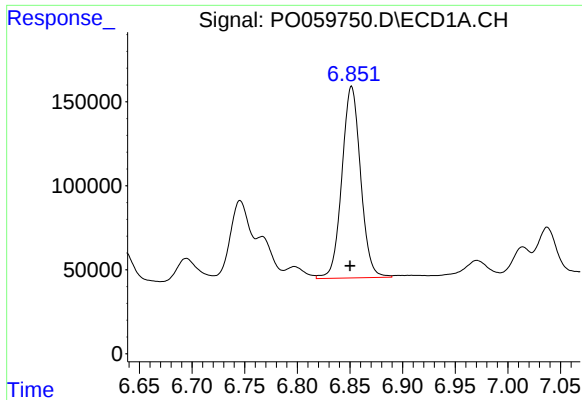
#30 AR-1254-5

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1905120
Conc: 616.07 ng/ml



#30 AR-1254-5

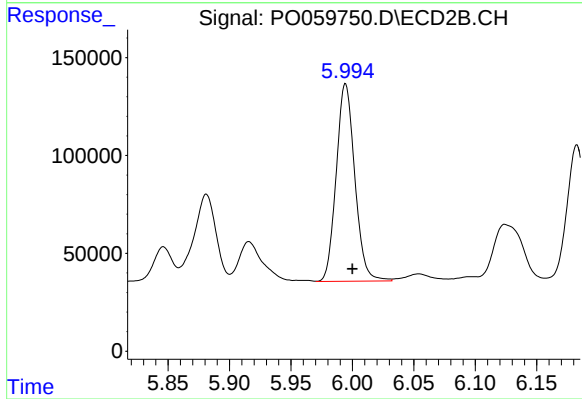
R.T.: 6.503 min
Delta R.T.: -0.007 min
Response: 1752827
Conc: 564.52 ng/ml



#31 AR-1260-1

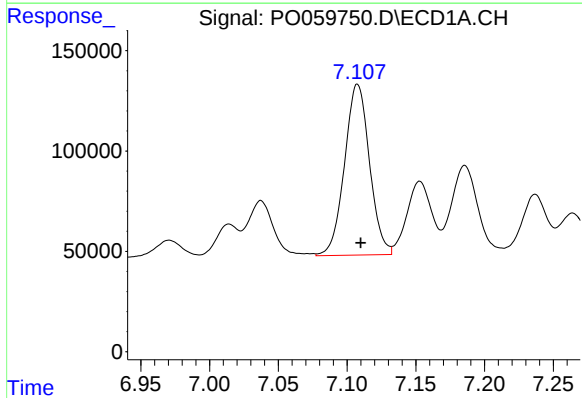
R.T.: 6.851 min
Delta R.T.: 0.002 min
Response: 1413003
Conc: 524.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



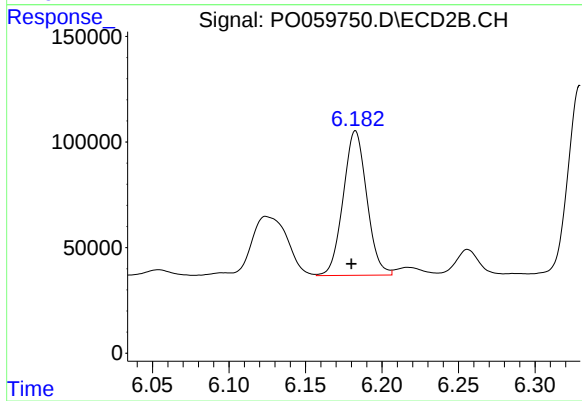
#31 AR-1260-1

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 1062734
Conc: 466.34 ng/ml



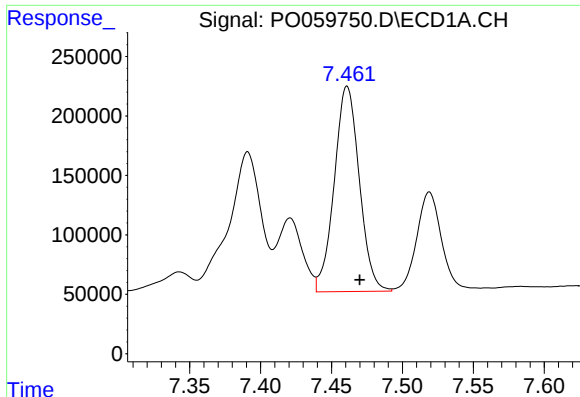
#32 AR-1260-2

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 1076643
Conc: 290.16 ng/ml



#32 AR-1260-2

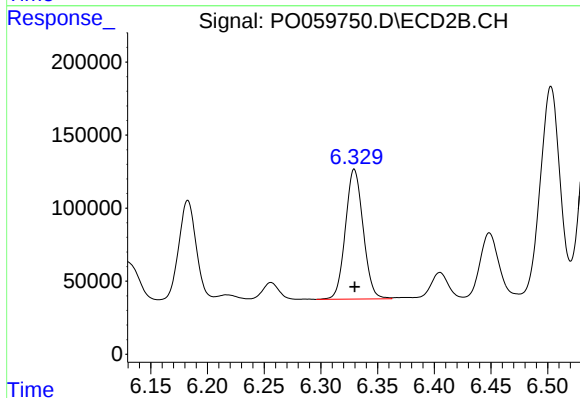
R.T.: 6.183 min
Delta R.T.: 0.003 min
Response: 735991
Conc: 251.20 ng/ml



#33 AR-1260-3

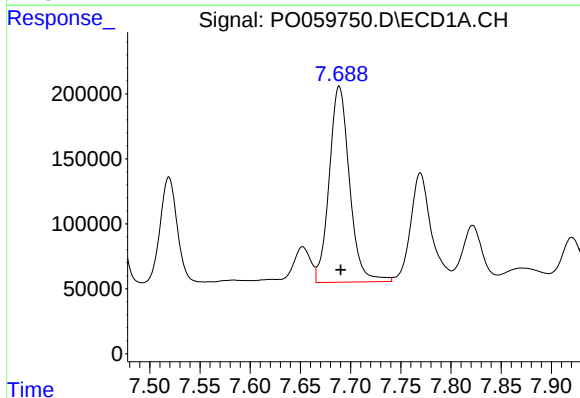
R.T.: 7.461 min
Delta R.T.: -0.009 min
Response: 2123602
Conc: 648.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



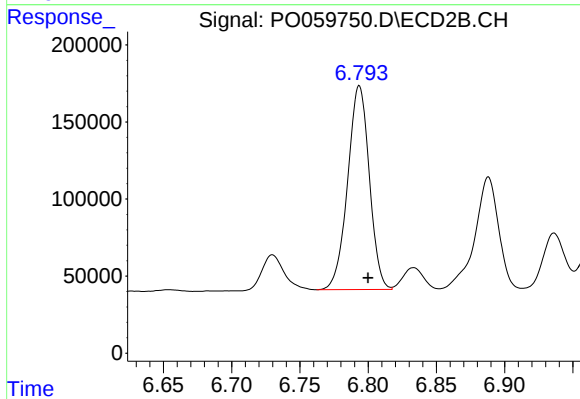
#33 AR-1260-3

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 967487
Conc: 365.21 ng/ml



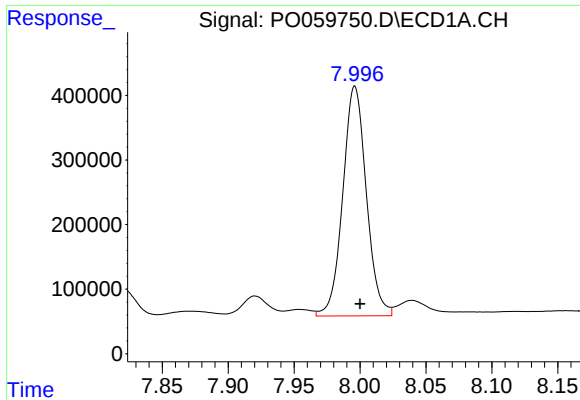
#34 AR-1260-4

R.T.: 7.689 min
Delta R.T.: -0.001 min
Response: 2120426
Conc: 690.40 ng/ml



#34 AR-1260-4

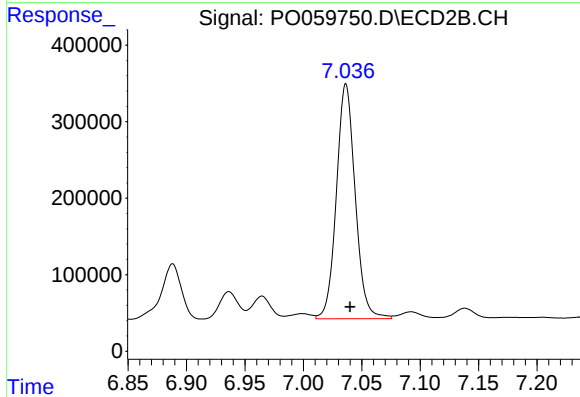
R.T.: 6.794 min
Delta R.T.: -0.006 min
Response: 1462841
Conc: 646.54 ng/ml



#35 AR-1260-5

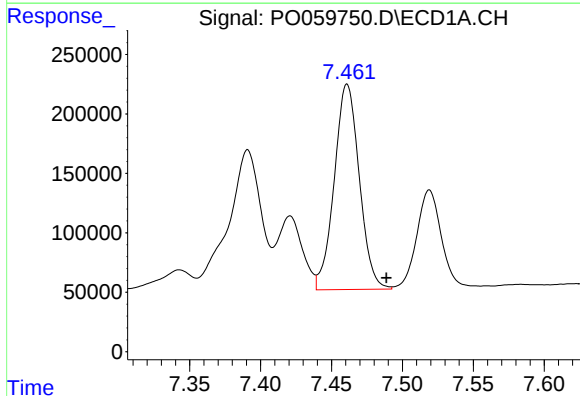
R.T.: 7.996 min
Delta R.T.: -0.004 min
Response: 4421559
Conc: 624.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



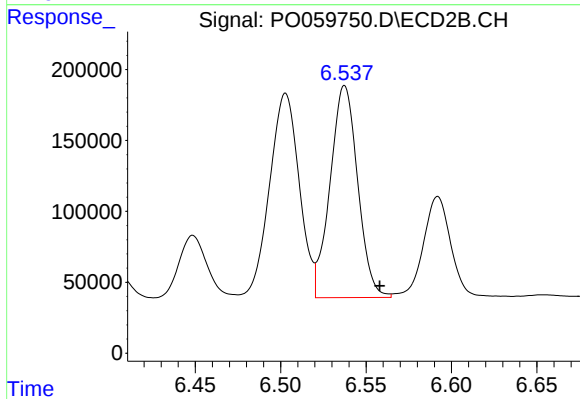
#35 AR-1260-5

R.T.: 7.037 min
Delta R.T.: -0.003 min
Response: 3442756
Conc: 625.58 ng/ml



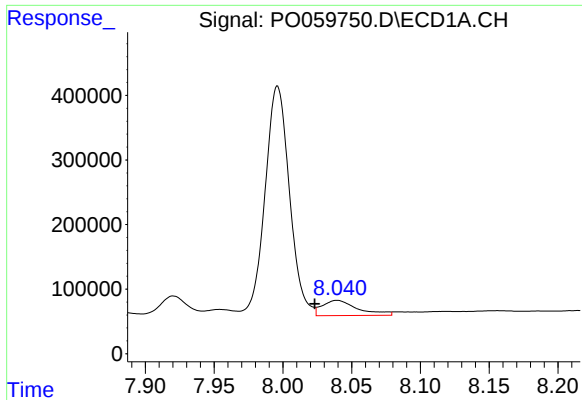
#36 AR-1262-1

R.T.: 7.461 min
Delta R.T.: -0.028 min
Response: 2123602
Conc: 437.59 ng/ml



#36 AR-1262-1

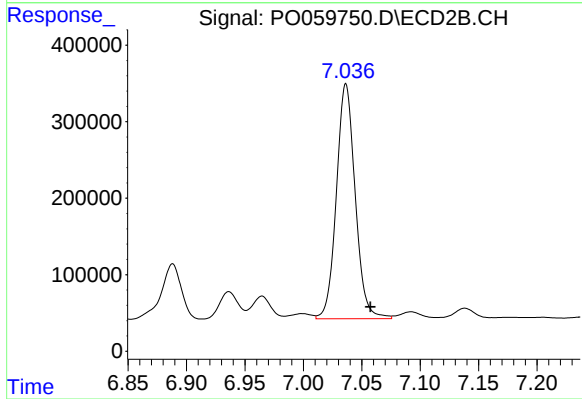
R.T.: 6.537 min
Delta R.T.: -0.021 min
Response: 1681369
Conc: 451.06 ng/ml



#37 AR-1262-2

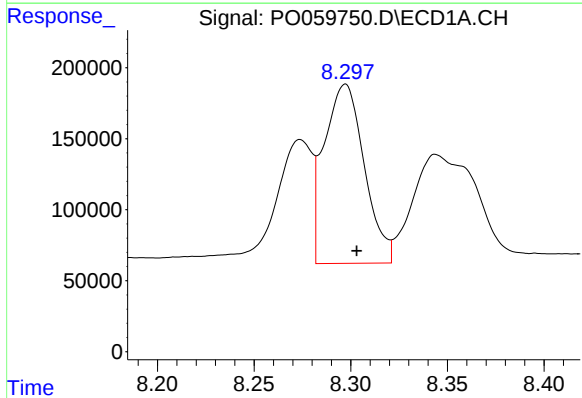
R.T.: 8.039 min
Delta R.T.: 0.016 min
Response: 420482
Conc: 54.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



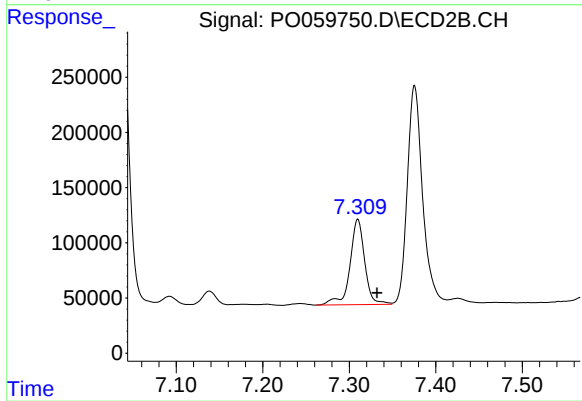
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: -0.021 min
Response: 3442756
Conc: 585.60 ng/ml



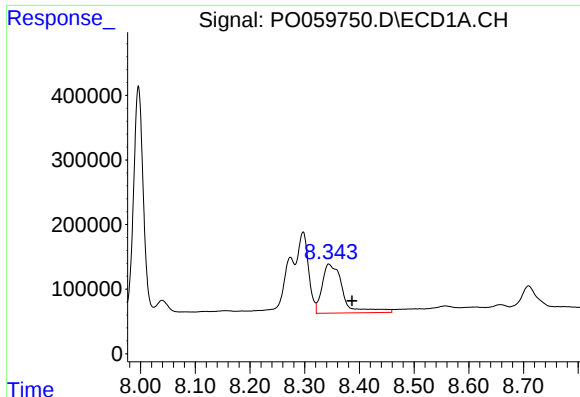
#38 AR-1262-3

R.T.: 8.297 min
Delta R.T.: -0.006 min
Response: 1821356
Conc: 356.97 ng/ml



#38 AR-1262-3

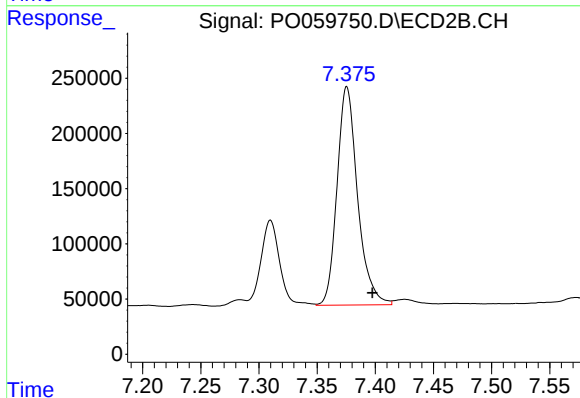
R.T.: 7.310 min
Delta R.T.: -0.022 min
Response: 916785
Conc: 360.80 ng/ml



#39 AR-1262-4

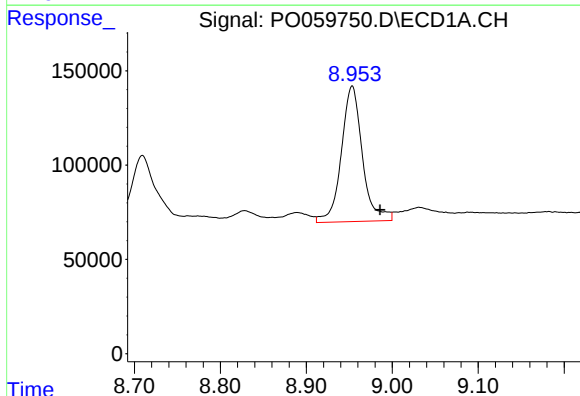
R.T.: 8.345 min
Delta R.T.: -0.042 min
Response: 1995459
Conc: 517.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



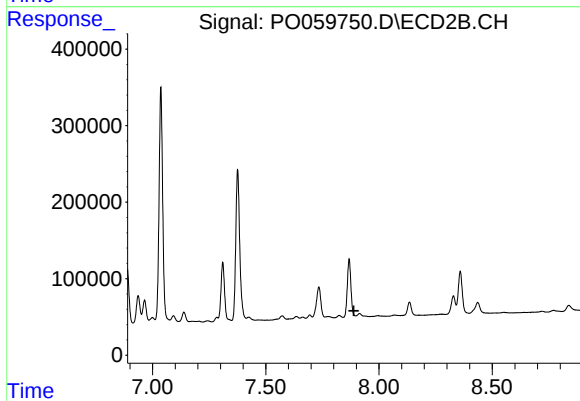
#39 AR-1262-4

R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 2431297
Conc: 550.20 ng/ml



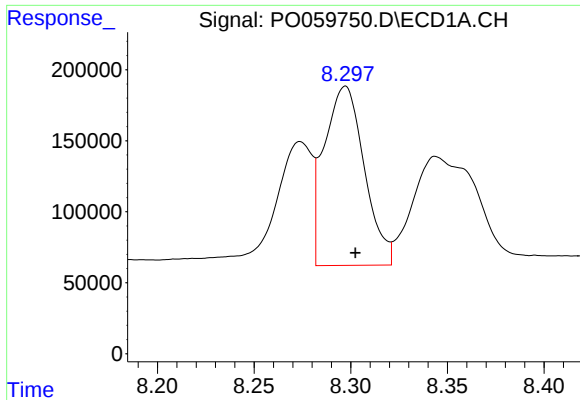
#40 AR-1262-5

R.T.: 8.953 min
Delta R.T.: -0.032 min
Response: 1225009
Conc: 477.30 ng/ml



#40 AR-1262-5

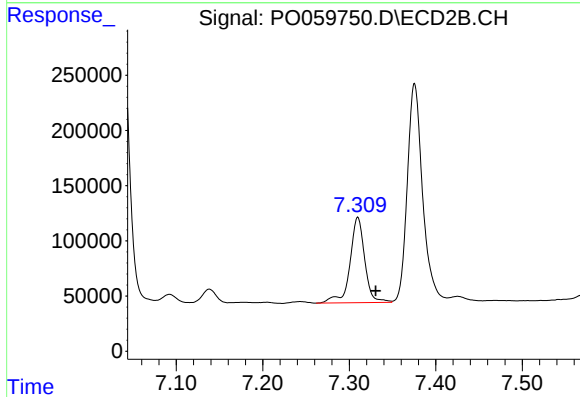
R.T.: 7.914 min
Delta R.T.: 0.025 min
Response: -852801
Conc: N.D.



#41 AR-1268-1

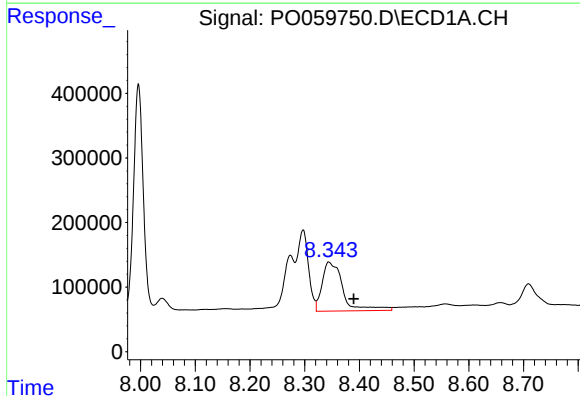
R.T.: 8.297 min
Delta R.T.: -0.005 min
Response: 1821356
Conc: 193.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



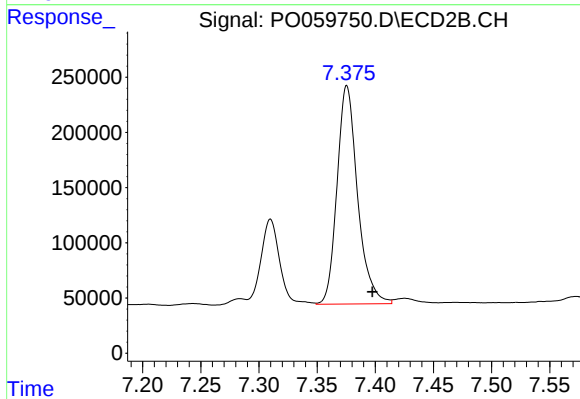
#41 AR-1268-1

R.T.: 7.310 min
Delta R.T.: -0.021 min
Response: 916785
Conc: 128.75 ng/ml



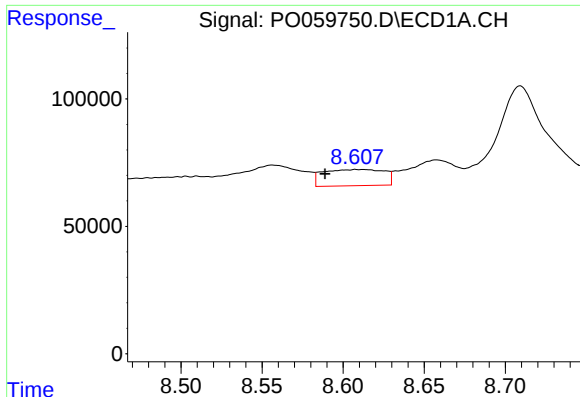
#42 AR-1268-2

R.T.: 8.345 min
Delta R.T.: -0.045 min
Response: 1995459
Conc: 253.14 ng/ml



#42 AR-1268-2

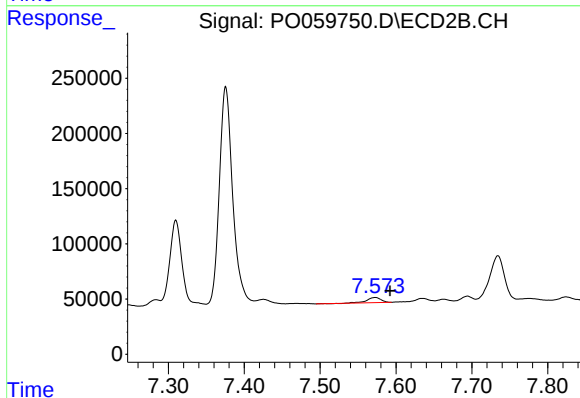
R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 2431297
Conc: 377.06 ng/ml



#43 AR-1268-3

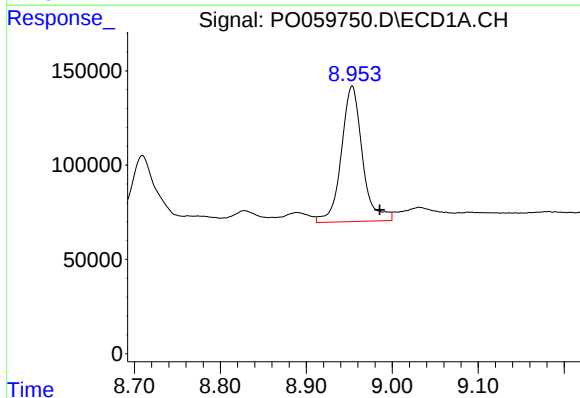
R.T.: 8.611 min
Delta R.T.: 0.022 min
Response: 166897
Conc: 23.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



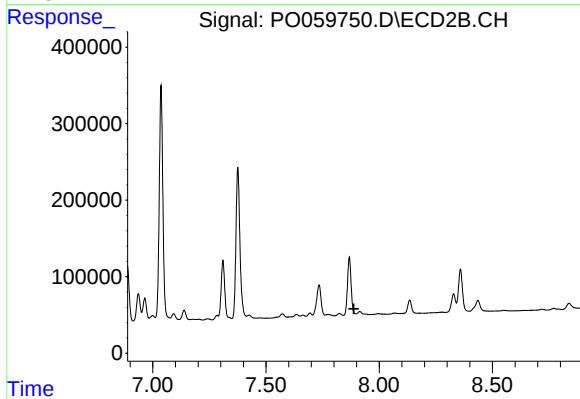
#43 AR-1268-3

R.T.: 7.572 min
Delta R.T.: -0.020 min
Response: 60239
Conc: 11.01 ng/ml



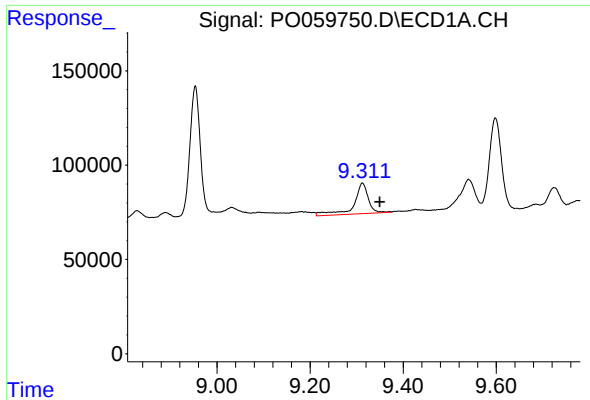
#44 AR-1268-4

R.T.: 8.953 min
Delta R.T.: -0.032 min
Response: 1225009
Conc: 440.64 ng/ml



#44 AR-1268-4

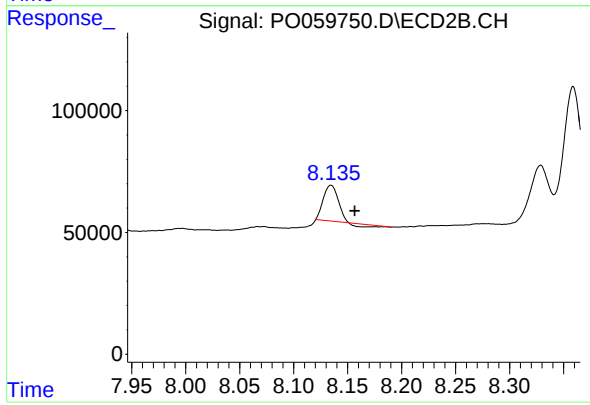
R.T.: 7.914 min
Delta R.T.: 0.026 min
Response: -852801
Conc: N.D.



#45 AR-1268-5

R.T.: 9.313 min
Delta R.T.: -0.037 min
Response: 347035
Conc: 18.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.135 min
Delta R.T.: -0.022 min
Response: 127163
Conc: 8.75 ng/ml