

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0081919\
 Data File : P0059499.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Aug 2019 4:24
 Operator : SM/AJ
 Sample : K4386-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:30:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.135	3.503	799799	782242	22.843	21.732
2)	SA Decachlor...	9.619	8.372	766453	562434	14.407	13.949
Target Compounds							
3)	L1 AR-1016-1	5.298	4.555	32907	4136	20.517	3.059 #
4)	L1 AR-1016-2	5.298	4.555	32907	4136	13.754	2.065 #
5)	L1 AR-1016-3	5.398	4.785	7272	14027	4.882	12.966 #
6)	L1 AR-1016-4	5.434	4.785	10131	14027	8.375	15.534 #
7)	L1 AR-1016-5	5.754	5.014	6464	-2835	5.033	N.D. #
9)	L2 AR-1221-2	4.435	3.797	11015	14493	33.915	47.576 #
10)	L2 AR-1221-3	4.473	3.912	60647	24428	57.656	24.967 #
11)	L3 AR-1232-1	4.473	3.912	60647	24428	48.656	21.426 #
12)	L3 AR-1232-2	5.015	4.555	43816	4136	62.027	3.248 #
13)	L3 AR-1232-3	5.298	4.785	32907	14027	21.489	20.601
14)	L3 AR-1232-4	5.434	4.785	10131	14027	12.957	22.993 #
15)	L3 AR-1232-5	5.553	5.014	8293	-2835	13.796	N.D. #
16)	L4 AR-1242-1	5.298	4.555	32907	4136	25.921	4.021 #
17)	L4 AR-1242-2	5.298	4.555	32907	4136	17.733	2.716 #
18)	L4 AR-1242-3	5.398	4.785	7272	14027	6.222	16.789 #
19)	L4 AR-1242-4	5.434	4.785	10131	14027	10.467	16.811 #
20)	L4 AR-1242-5	6.219	5.339	44985	66127	35.799	59.116 #
21)	L5 AR-1248-1	5.298	4.555	32907	4136	32.823	4.995 #
22)	L5 AR-1248-2	5.553	4.785	8293	14027	5.716	12.164 #
23)	L5 AR-1248-3	5.754	4.785	6464	14027	3.889	11.810 #
24)	L5 AR-1248-4	6.129	5.014	91645	-2835	44.834	N.D. #
25)	L5 AR-1248-5	6.219	5.387	44985	16038	22.684	11.206 #
26)	L6 AR-1254-1	6.129	5.339	91645	66127	43.925	27.880 #
27)	L6 AR-1254-2	6.344	5.483	123382	43164	36.982	20.571 #
28)	L6 AR-1254-3	6.718	5.895	238234	302661	67.137	90.011 #
29)	L6 AR-1254-4	6.988	6.106	69161	35878	23.480	17.401 #
30)	L6 AR-1254-5	7.433	6.513	263742	567679	85.287	182.829 #
31)	L7 AR-1260-1	6.865	6.005	372403	299125	138.141	131.258
32)	L7 AR-1260-2	7.124	6.192	732436	227171	197.397	77.536 #
33)	L7 AR-1260-3	7.475	6.340	507943	240917	155.034	90.942 #
34)	L7 AR-1260-4	7.702	6.804	498478	336873	162.301	148.889
35)	L7 AR-1260-5	8.010	7.047	1031757	833156	145.710	151.392
36)	L8 AR-1262-1	7.475	6.548	507943	439010	104.668	117.774
37)	L8 AR-1262-2	8.010	7.047	1031757	833156	133.719	141.716
38)	L8 AR-1262-3	8.312	7.322	411397	231929	80.630	91.276
39)	L8 AR-1262-4	8.358	7.387	420267	644930	109.026	145.947 #
40)	L8 AR-1262-5	8.969	7.879	313370	177995	122.097	98.582
41)	L9 AR-1268-1	8.312	7.322	411397	231929	43.716	32.570 #
42)	L9 AR-1268-2	8.358	7.387	420267	644930	53.315	100.020 #

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 ALS Vial : 36 Sample Multiplier: 1

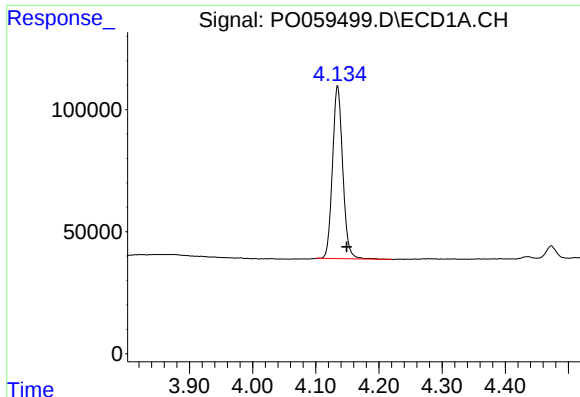
Instrument :
 ECD_O
 ClientSampleId :

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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
43) L9	AR-1268-3	8.574	7.583	56488	54396	8.014	9.941
44) L9	AR-1268-4	8.969	7.879	313370	177995	112.721	87.197
45) L9	AR-1268-5	9.330	8.146	161597	93317	8.762	6.423 #

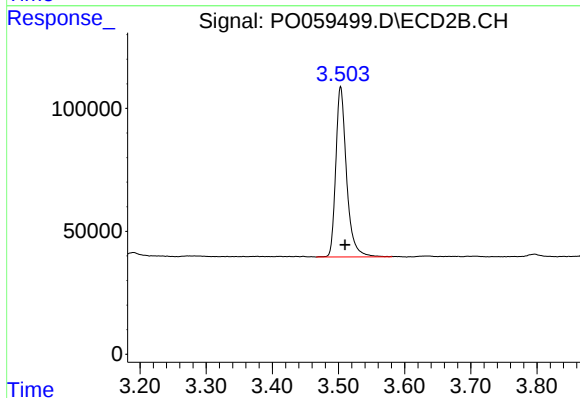
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

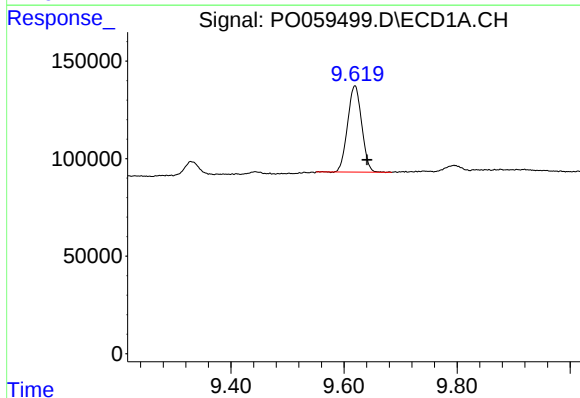
R.T.: 4.135 min
Delta R.T.: -0.014 min
Response: 799799
Conc: 22.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



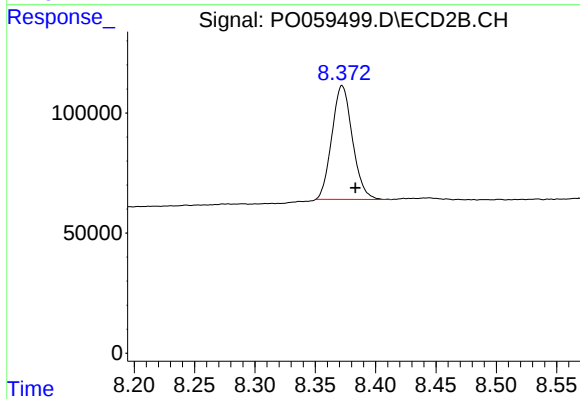
#1 Tetrachloro-m-xylene

R.T.: 3.503 min
Delta R.T.: -0.007 min
Response: 782242
Conc: 21.73 ng/ml



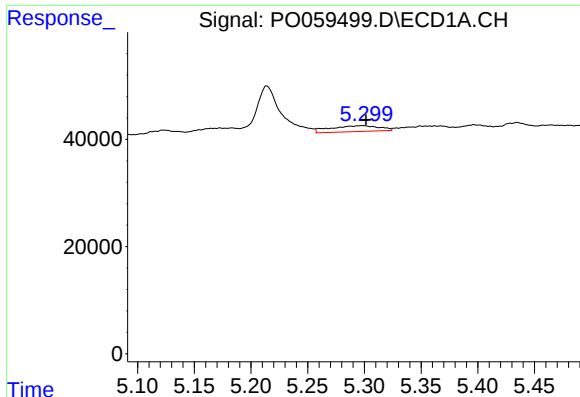
#2 Decachlorobiphenyl

R.T.: 9.619 min
Delta R.T.: -0.022 min
Response: 766453
Conc: 14.41 ng/ml



#2 Decachlorobiphenyl

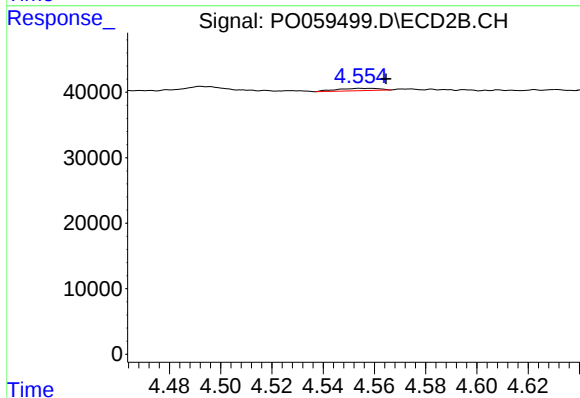
R.T.: 8.372 min
Delta R.T.: -0.011 min
Response: 562434
Conc: 13.95 ng/ml



#3 AR-1016-1

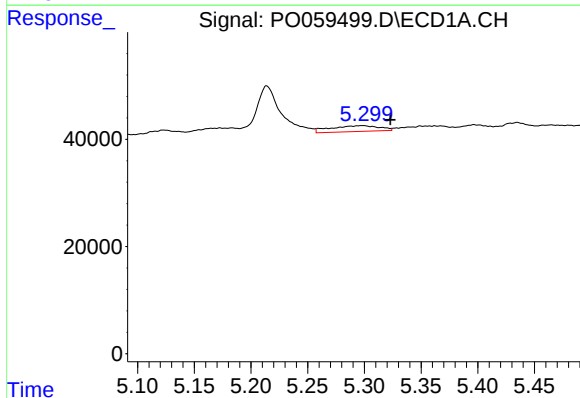
R.T.: 5.298 min
Delta R.T.: -0.004 min
Response: 32907
Conc: 20.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



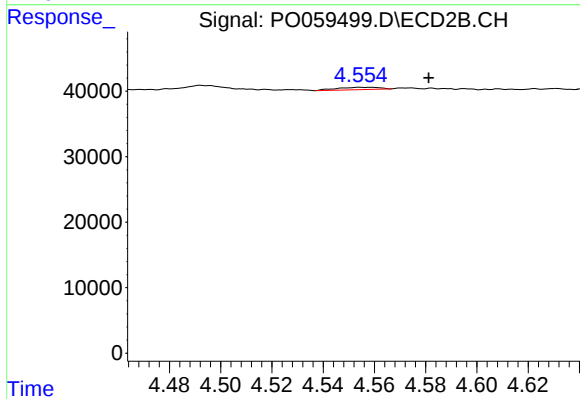
#3 AR-1016-1

R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 4136
Conc: 3.06 ng/ml



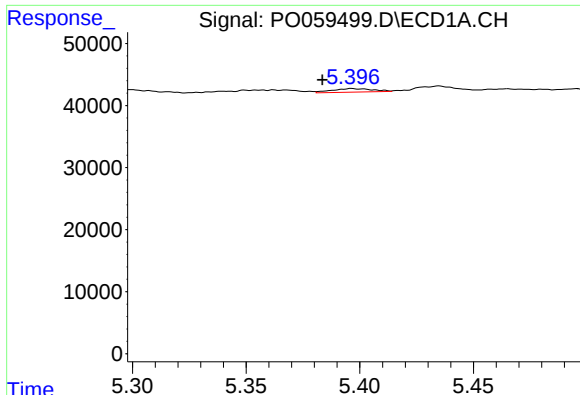
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: -0.025 min
Response: 32907
Conc: 13.75 ng/ml



#4 AR-1016-2

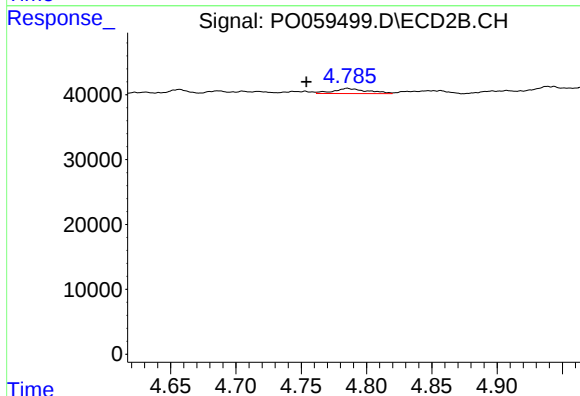
R.T.: 4.555 min
Delta R.T.: -0.026 min
Response: 4136
Conc: 2.06 ng/ml



#5 AR-1016-3

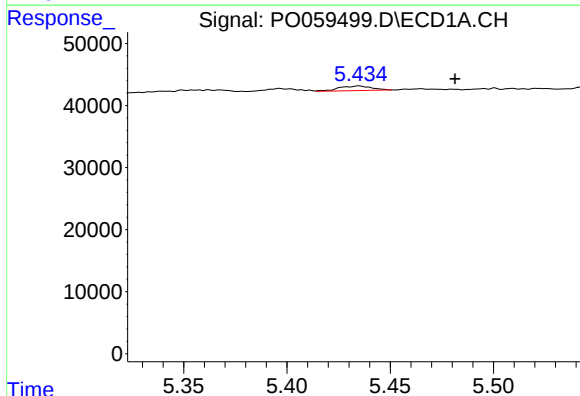
R.T.: 5.398 min
Delta R.T.: 0.014 min
Response: 7272
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



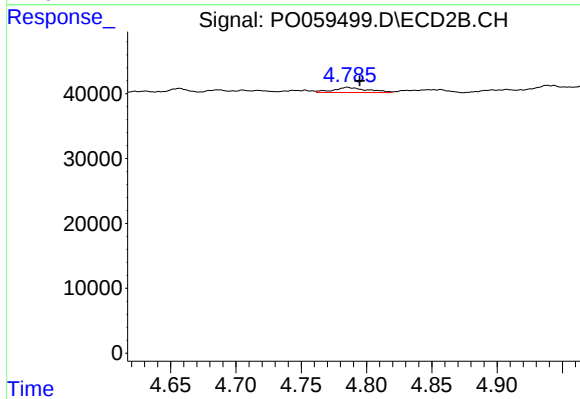
#5 AR-1016-3

R.T.: 4.785 min
Delta R.T.: 0.031 min
Response: 14027
Conc: 12.97 ng/ml



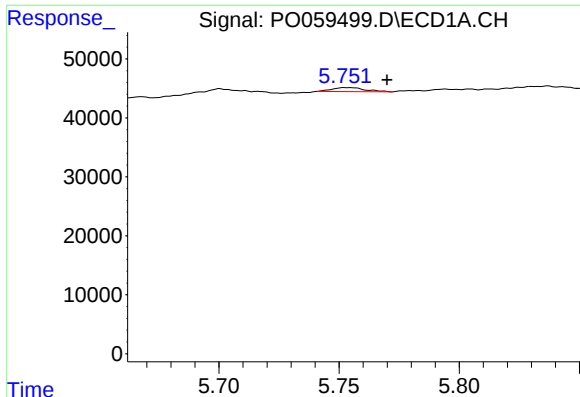
#6 AR-1016-4

R.T.: 5.434 min
Delta R.T.: -0.047 min
Response: 10131
Conc: 8.37 ng/ml



#6 AR-1016-4

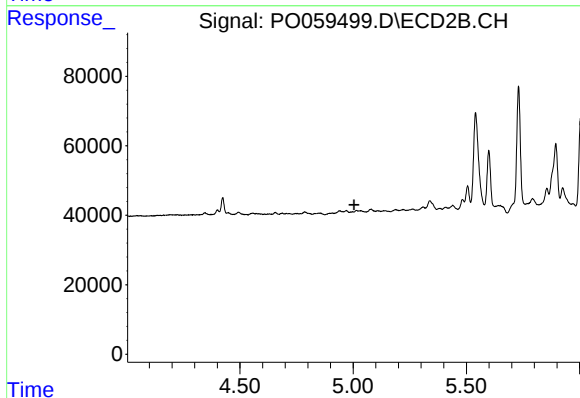
R.T.: 4.785 min
Delta R.T.: -0.009 min
Response: 14027
Conc: 15.53 ng/ml



#7 AR-1016-5

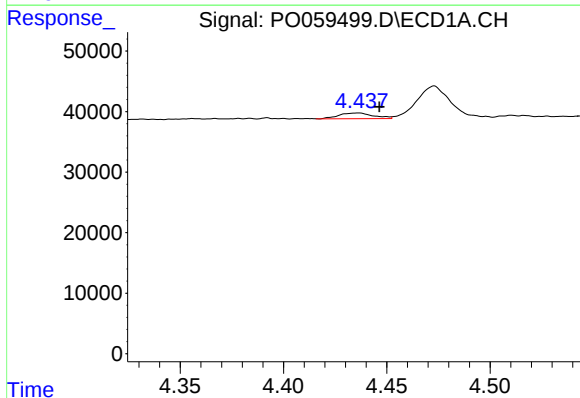
R.T.: 5.754 min
Delta R.T.: -0.016 min
Response: 6464
Conc: 5.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



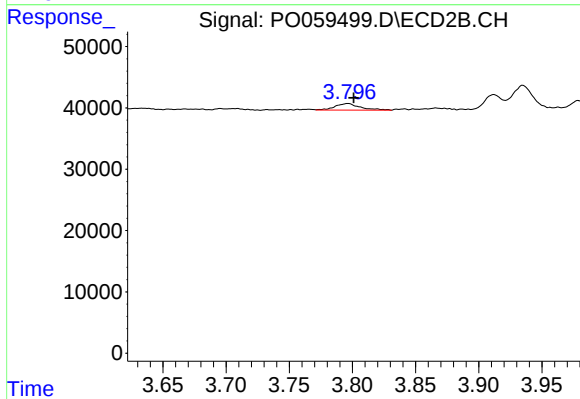
#7 AR-1016-5

R.T.: 5.014 min
Delta R.T.: 0.010 min
Response: -2835
Conc: N.D.



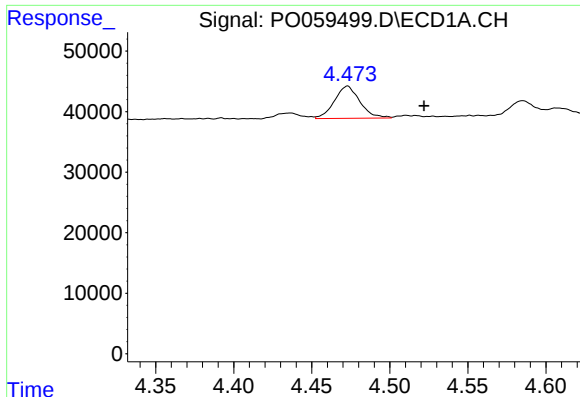
#9 AR-1221-2

R.T.: 4.435 min
Delta R.T.: -0.011 min
Response: 11015
Conc: 33.92 ng/ml



#9 AR-1221-2

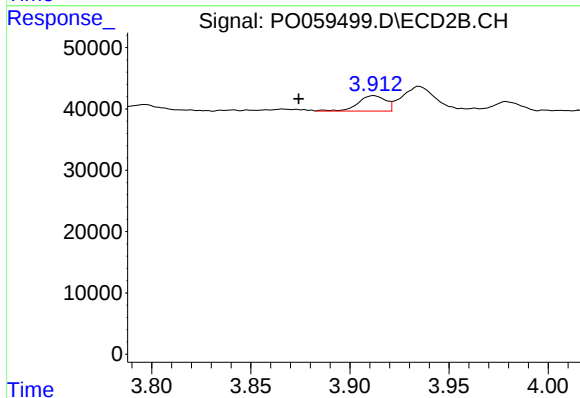
R.T.: 3.797 min
Delta R.T.: -0.004 min
Response: 14493
Conc: 47.58 ng/ml



#10 AR-1221-3

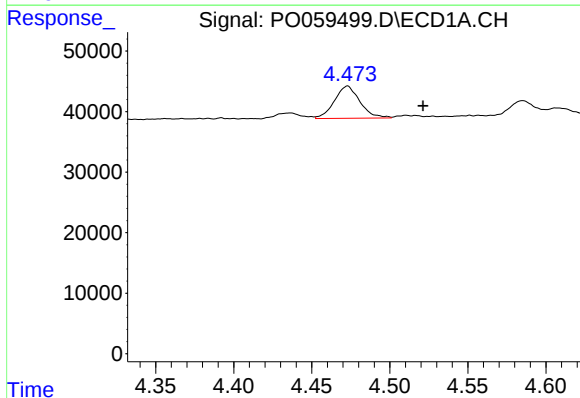
R.T.: 4.473 min
Delta R.T.: -0.049 min
Response: 60647
Conc: 57.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



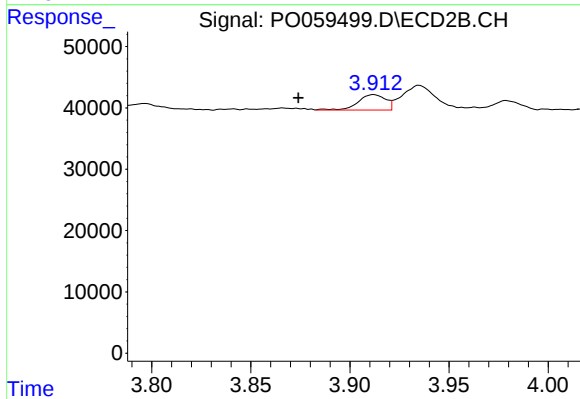
#10 AR-1221-3

R.T.: 3.912 min
Delta R.T.: 0.038 min
Response: 24428
Conc: 24.97 ng/ml



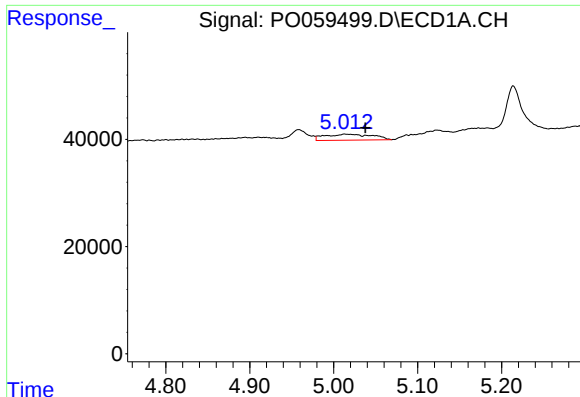
#11 AR-1232-1

R.T.: 4.473 min
Delta R.T.: -0.049 min
Response: 60647
Conc: 48.66 ng/ml



#11 AR-1232-1

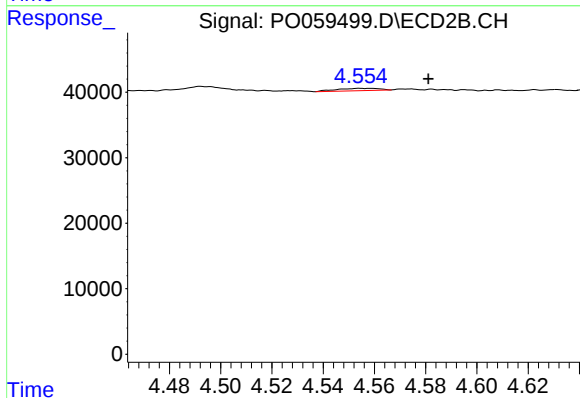
R.T.: 3.912 min
Delta R.T.: 0.038 min
Response: 24428
Conc: 21.43 ng/ml



#12 AR-1232-2

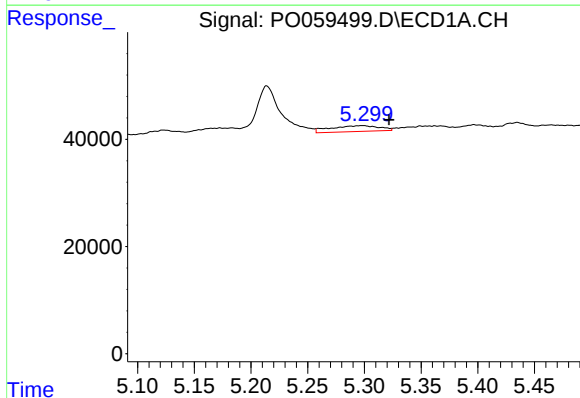
R.T.: 5.015 min
Delta R.T.: -0.023 min
Response: 43816
Conc: 62.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



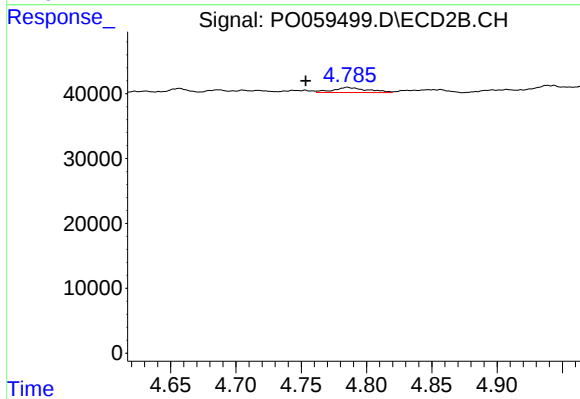
#12 AR-1232-2

R.T.: 4.555 min
Delta R.T.: -0.026 min
Response: 4136
Conc: 3.25 ng/ml



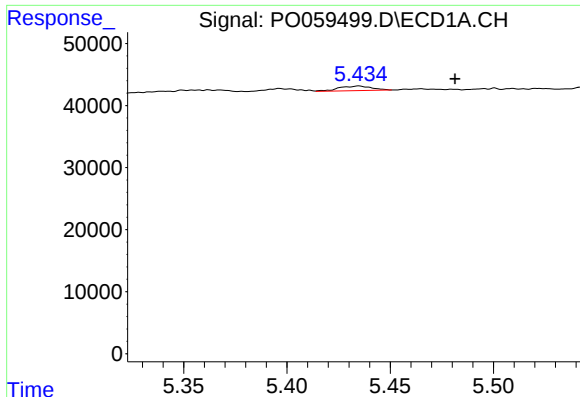
#13 AR-1232-3

R.T.: 5.298 min
Delta R.T.: -0.024 min
Response: 32907
Conc: 21.49 ng/ml



#13 AR-1232-3

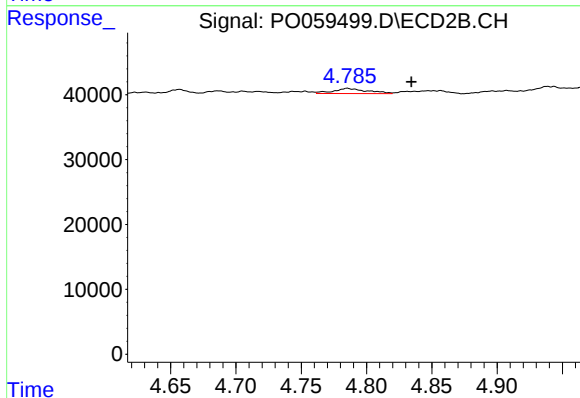
R.T.: 4.785 min
Delta R.T.: 0.032 min
Response: 14027
Conc: 20.60 ng/ml



#14 AR-1232-4

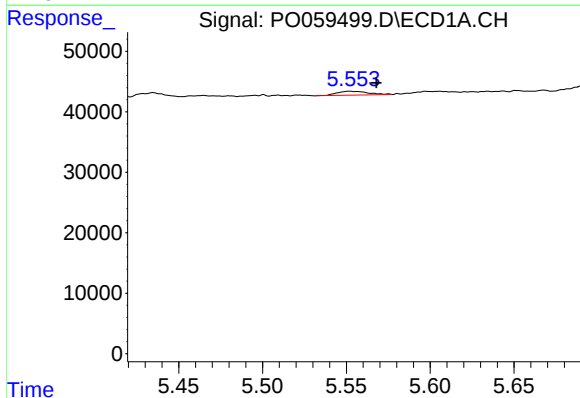
R.T.: 5.434 min
Delta R.T.: -0.047 min
Response: 10131
Conc: 12.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



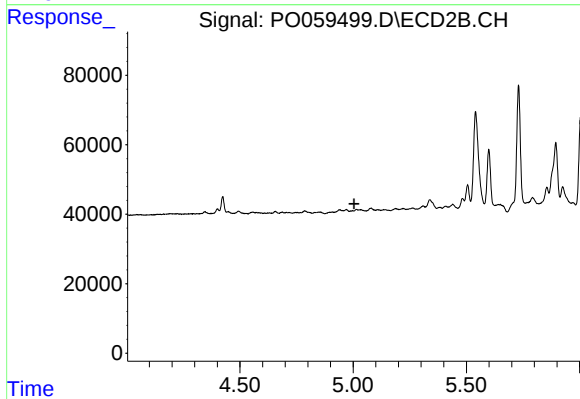
#14 AR-1232-4

R.T.: 4.785 min
Delta R.T.: -0.049 min
Response: 14027
Conc: 22.99 ng/ml



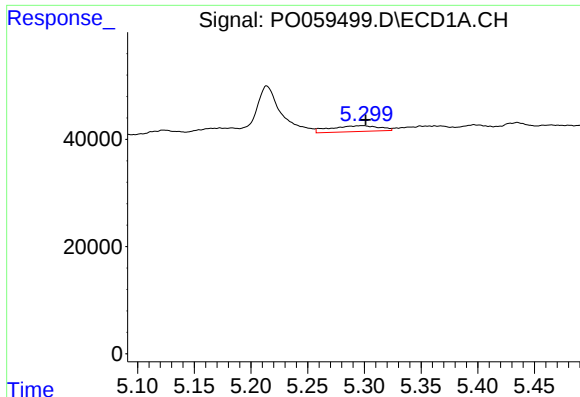
#15 AR-1232-5

R.T.: 5.553 min
Delta R.T.: -0.015 min
Response: 8293
Conc: 13.80 ng/ml



#15 AR-1232-5

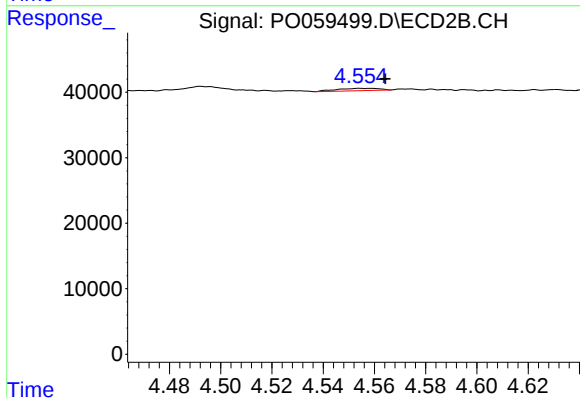
R.T.: 5.014 min
Delta R.T.: 0.010 min
Response: -2835
Conc: N.D.



#16 AR-1242-1

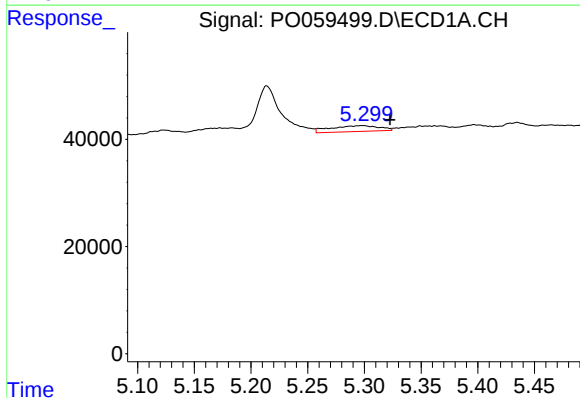
R.T.: 5.298 min
Delta R.T.: -0.004 min
Response: 32907
Conc: 25.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



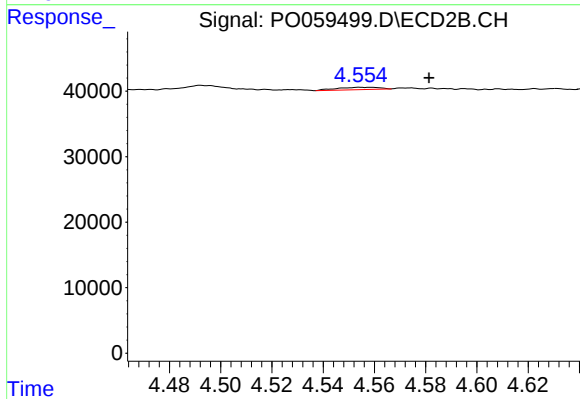
#16 AR-1242-1

R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 4136
Conc: 4.02 ng/ml



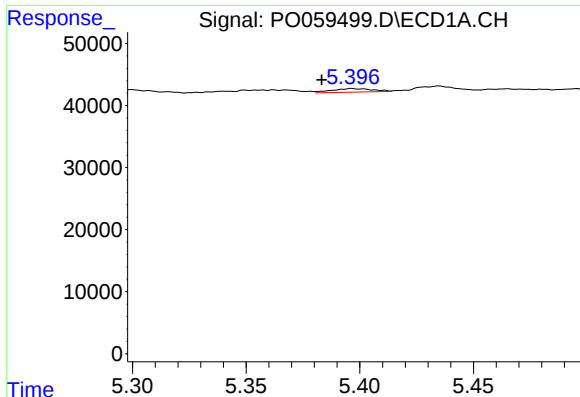
#17 AR-1242-2

R.T.: 5.298 min
Delta R.T.: -0.025 min
Response: 32907
Conc: 17.73 ng/ml



#17 AR-1242-2

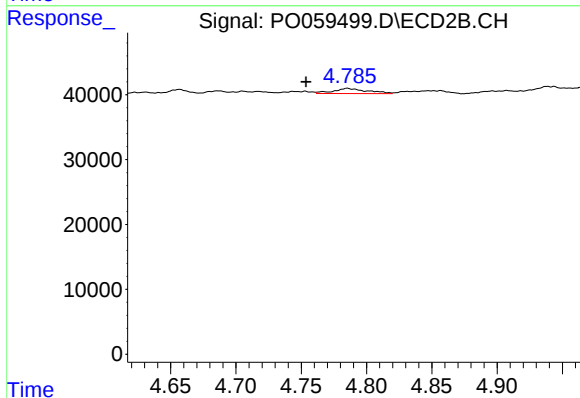
R.T.: 4.555 min
Delta R.T.: -0.027 min
Response: 4136
Conc: 2.72 ng/ml



#18 AR-1242-3

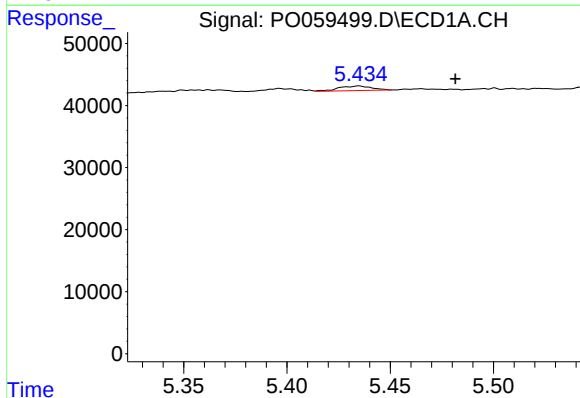
R.T.: 5.398 min
Delta R.T.: 0.014 min
Response: 7272
Conc: 6.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



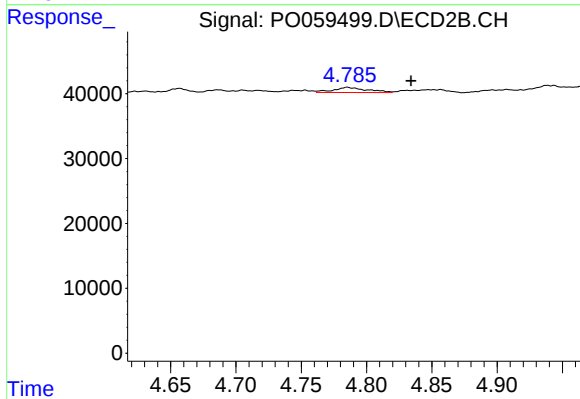
#18 AR-1242-3

R.T.: 4.785 min
Delta R.T.: 0.031 min
Response: 14027
Conc: 16.79 ng/ml



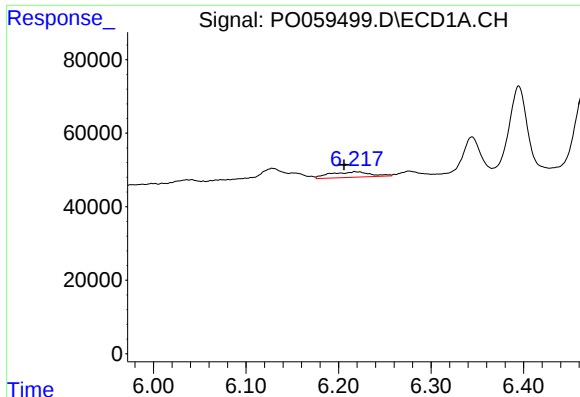
#19 AR-1242-4

R.T.: 5.434 min
Delta R.T.: -0.047 min
Response: 10131
Conc: 10.47 ng/ml



#19 AR-1242-4

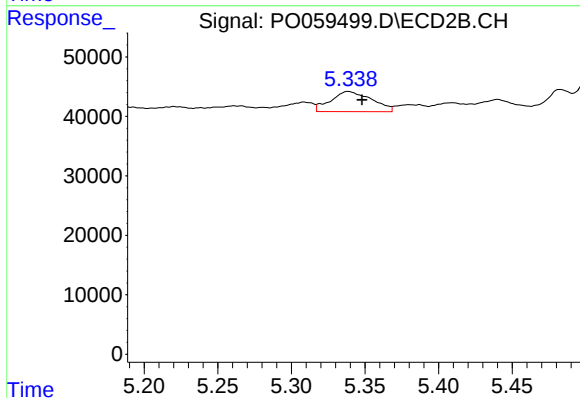
R.T.: 4.785 min
Delta R.T.: -0.049 min
Response: 14027
Conc: 16.81 ng/ml



#20 AR-1242-5

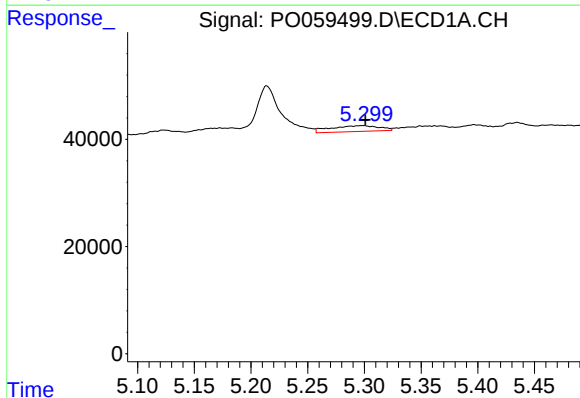
R.T.: 6.219 min
Delta R.T.: 0.013 min
Response: 44985
Conc: 35.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



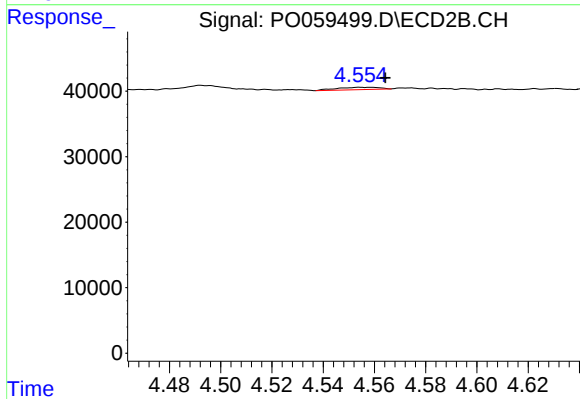
#20 AR-1242-5

R.T.: 5.339 min
Delta R.T.: -0.009 min
Response: 66127
Conc: 59.12 ng/ml



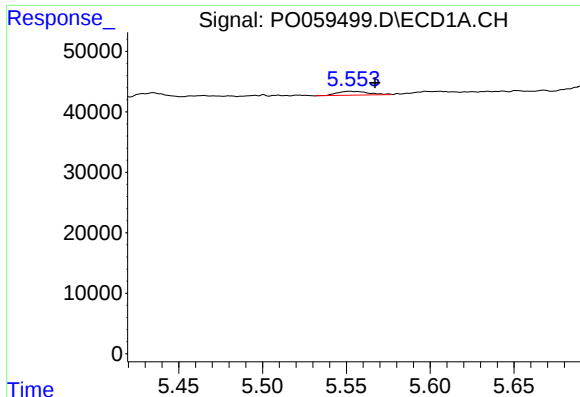
#21 AR-1248-1

R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 32907
Conc: 32.82 ng/ml



#21 AR-1248-1

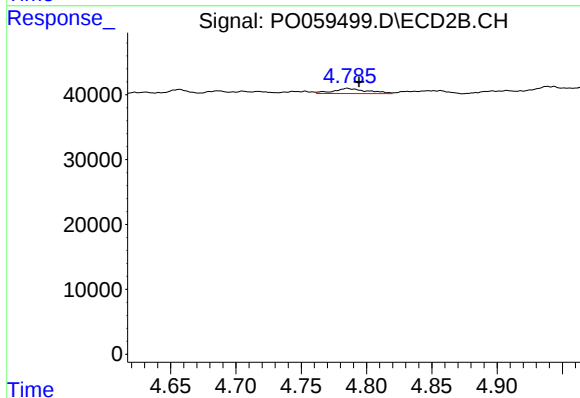
R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 4136
Conc: 5.00 ng/ml



#22 AR-1248-2

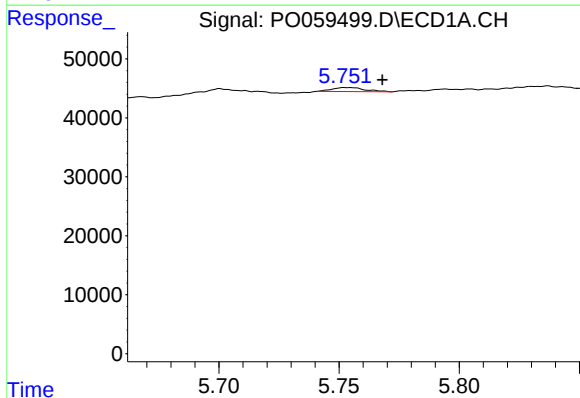
R.T.: 5.553 min
Delta R.T.: -0.014 min
Response: 8293
Conc: 5.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



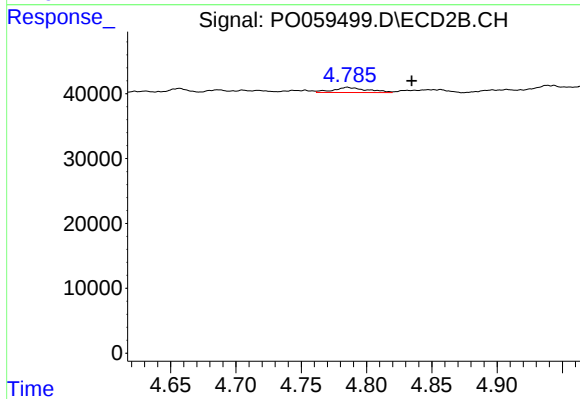
#22 AR-1248-2

R.T.: 4.785 min
Delta R.T.: -0.009 min
Response: 14027
Conc: 12.16 ng/ml



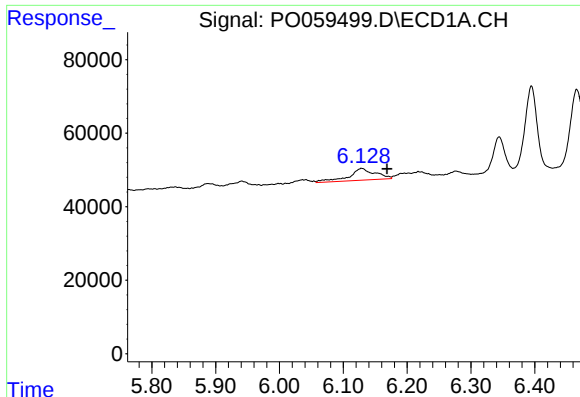
#23 AR-1248-3

R.T.: 5.754 min
Delta R.T.: -0.014 min
Response: 6464
Conc: 3.89 ng/ml



#23 AR-1248-3

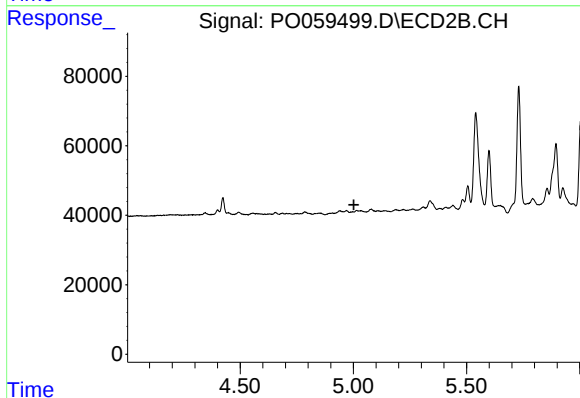
R.T.: 4.785 min
Delta R.T.: -0.049 min
Response: 14027
Conc: 11.81 ng/ml



#24 AR-1248-4

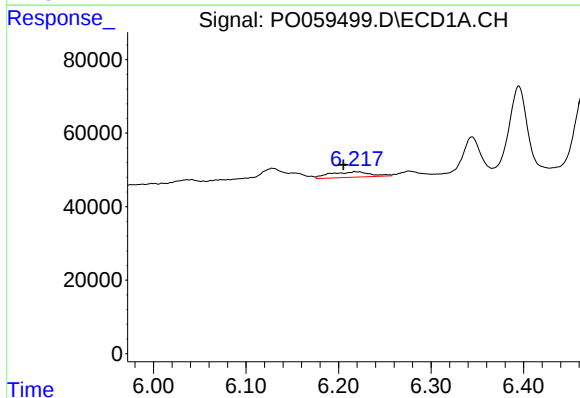
R.T.: 6.129 min
Delta R.T.: -0.040 min
Response: 91645
Conc: 44.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



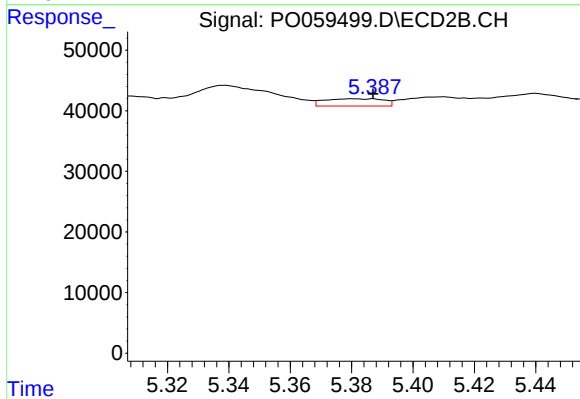
#24 AR-1248-4

R.T.: 5.014 min
Delta R.T.: 0.011 min
Response: -2835
Conc: N.D.



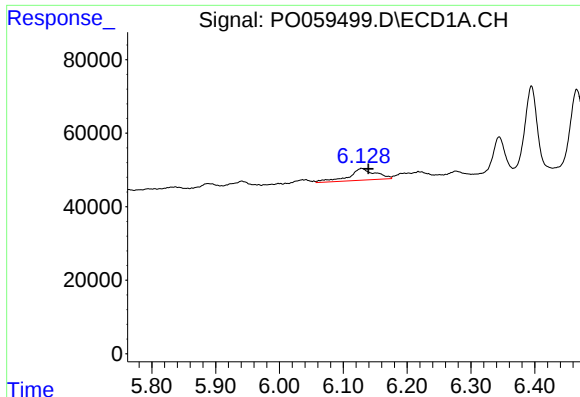
#25 AR-1248-5

R.T.: 6.219 min
Delta R.T.: 0.014 min
Response: 44985
Conc: 22.68 ng/ml



#25 AR-1248-5

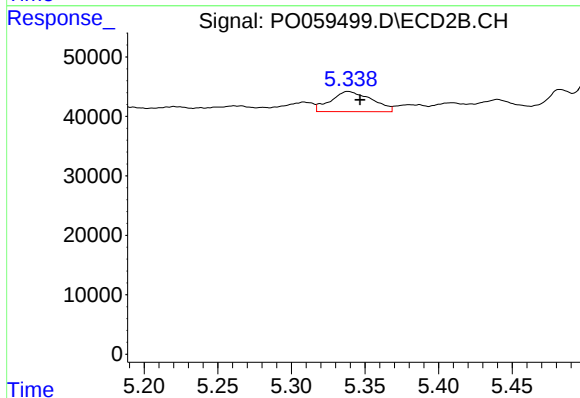
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 16038
Conc: 11.21 ng/ml



#26 AR-1254-1

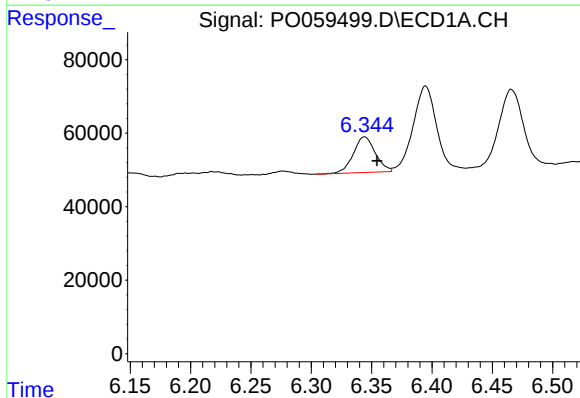
R.T.: 6.129 min
Delta R.T.: -0.010 min
Response: 91645
Conc: 43.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



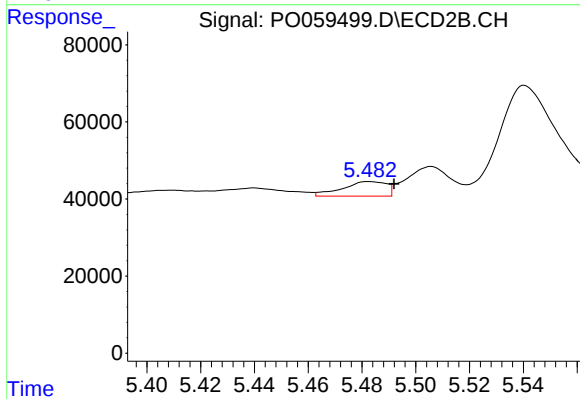
#26 AR-1254-1

R.T.: 5.339 min
Delta R.T.: -0.008 min
Response: 66127
Conc: 27.88 ng/ml



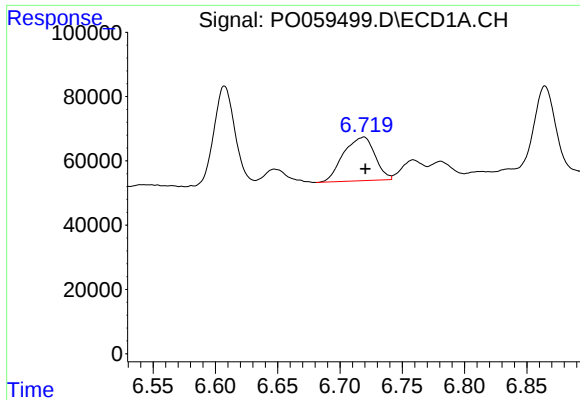
#27 AR-1254-2

R.T.: 6.344 min
Delta R.T.: -0.010 min
Response: 123382
Conc: 36.98 ng/ml



#27 AR-1254-2

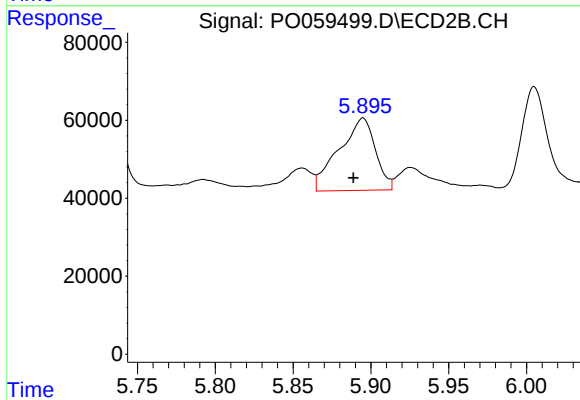
R.T.: 5.483 min
Delta R.T.: -0.009 min
Response: 43164
Conc: 20.57 ng/ml



#28 AR-1254-3

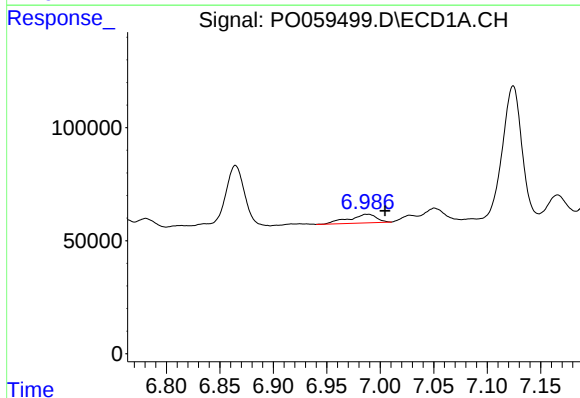
R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 238234
Conc: 67.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



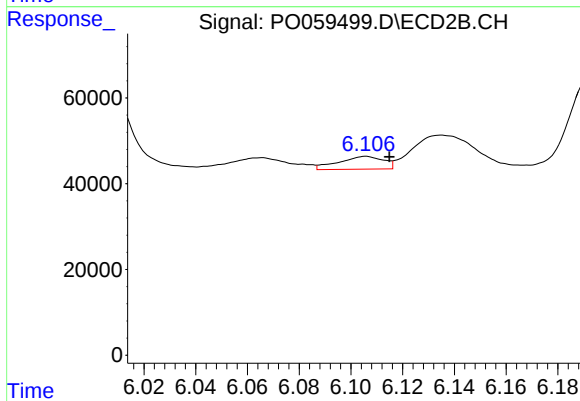
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: 0.006 min
Response: 302661
Conc: 90.01 ng/ml



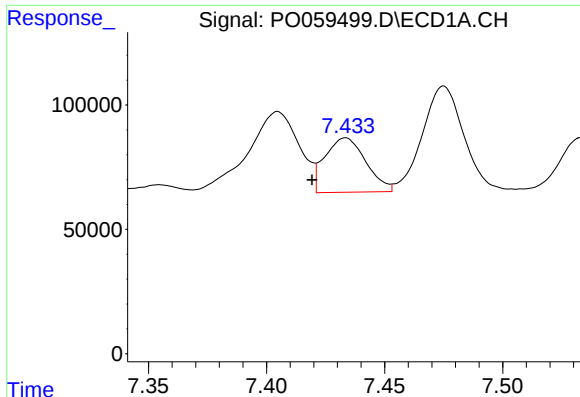
#29 AR-1254-4

R.T.: 6.988 min
Delta R.T.: -0.017 min
Response: 69161
Conc: 23.48 ng/ml



#29 AR-1254-4

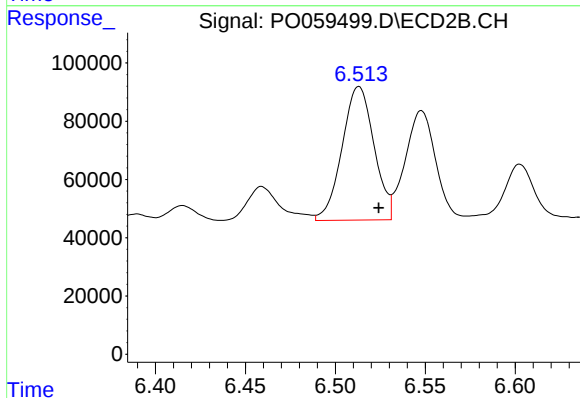
R.T.: 6.106 min
Delta R.T.: -0.009 min
Response: 35878
Conc: 17.40 ng/ml



#30 AR-1254-5

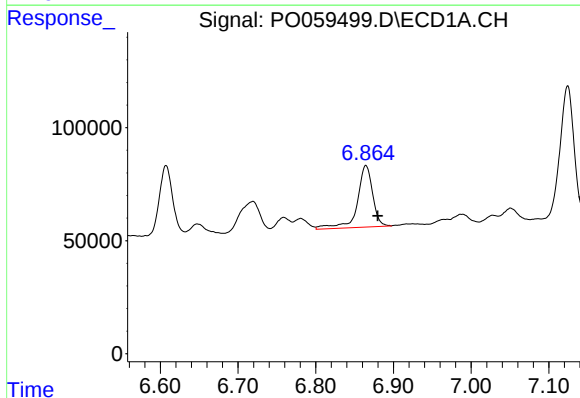
R.T.: 7.433 min
Delta R.T.: 0.014 min
Response: 263742
Conc: 85.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



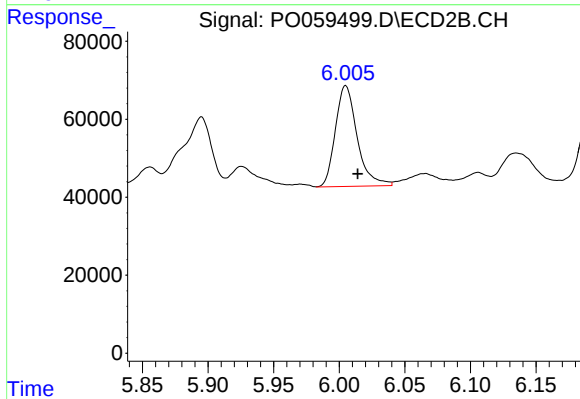
#30 AR-1254-5

R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 567679
Conc: 182.83 ng/ml



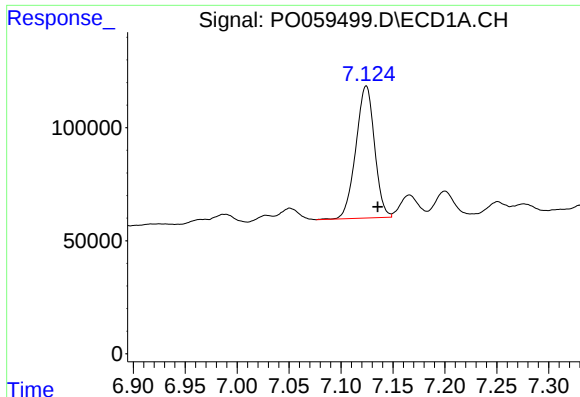
#31 AR-1260-1

R.T.: 6.865 min
Delta R.T.: -0.015 min
Response: 372403
Conc: 138.14 ng/ml



#31 AR-1260-1

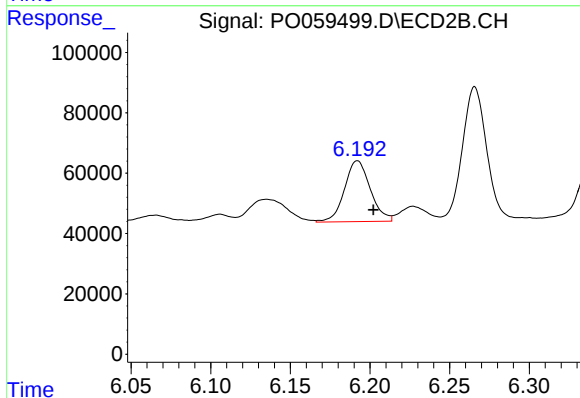
R.T.: 6.005 min
Delta R.T.: -0.009 min
Response: 299125
Conc: 131.26 ng/ml



#32 AR-1260-2

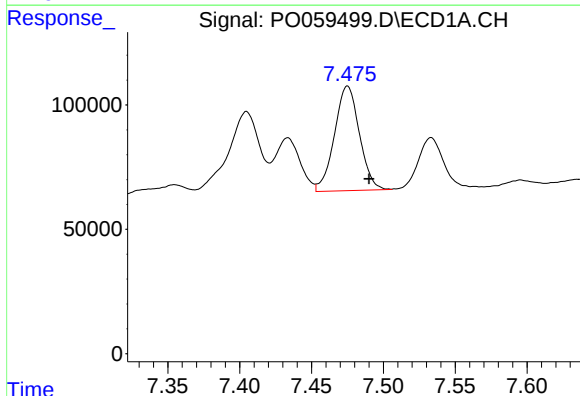
R.T.: 7.124 min
Delta R.T.: -0.011 min
Response: 732436
Conc: 197.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



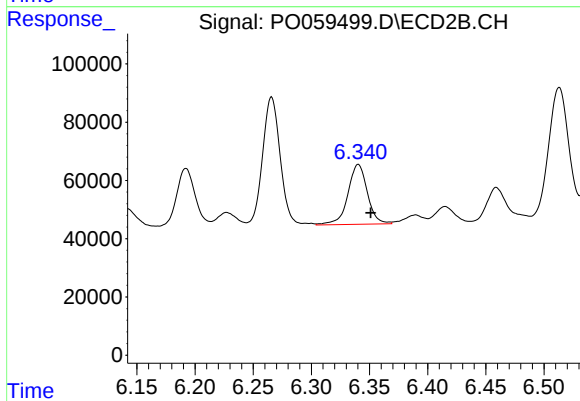
#32 AR-1260-2

R.T.: 6.192 min
Delta R.T.: -0.010 min
Response: 227171
Conc: 77.54 ng/ml



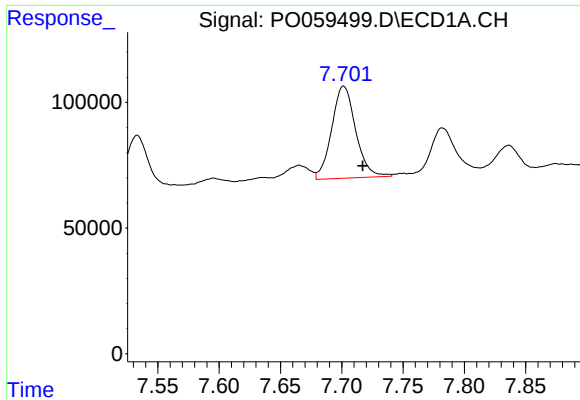
#33 AR-1260-3

R.T.: 7.475 min
Delta R.T.: -0.015 min
Response: 507943
Conc: 155.03 ng/ml



#33 AR-1260-3

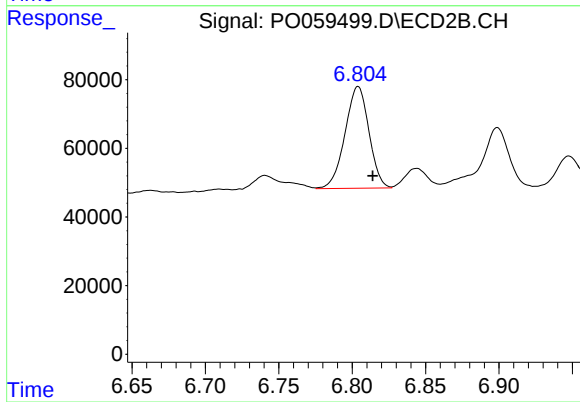
R.T.: 6.340 min
Delta R.T.: -0.011 min
Response: 240917
Conc: 90.94 ng/ml



#34 AR-1260-4

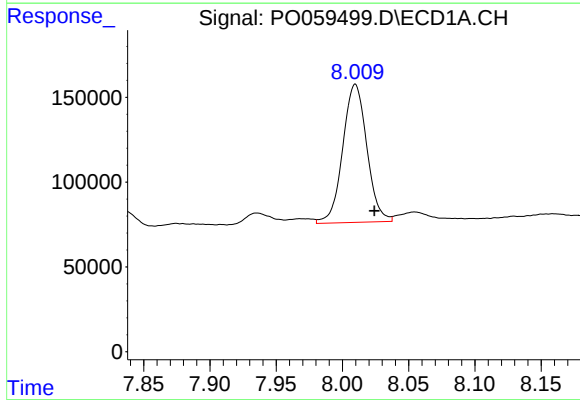
R.T.: 7.702 min
Delta R.T.: -0.016 min
Response: 498478
Conc: 162.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



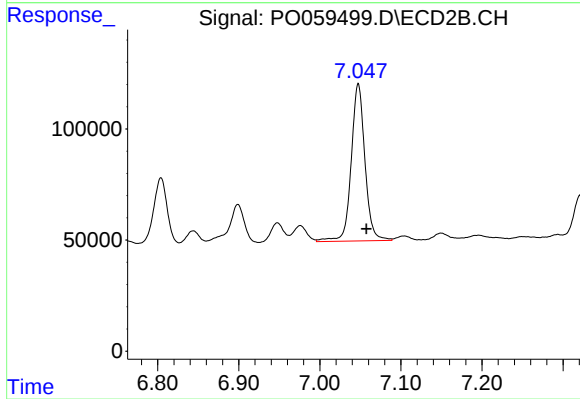
#34 AR-1260-4

R.T.: 6.804 min
Delta R.T.: -0.010 min
Response: 336873
Conc: 148.89 ng/ml



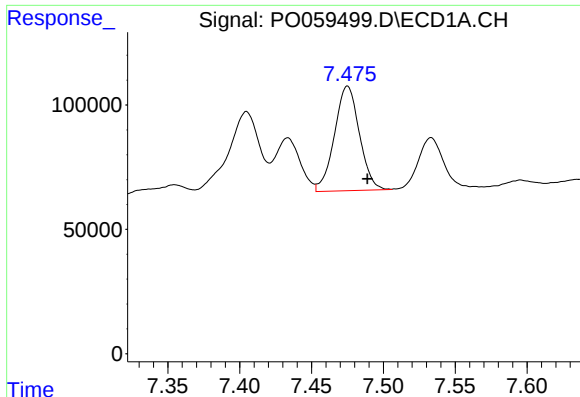
#35 AR-1260-5

R.T.: 8.010 min
Delta R.T.: -0.014 min
Response: 1031757
Conc: 145.71 ng/ml



#35 AR-1260-5

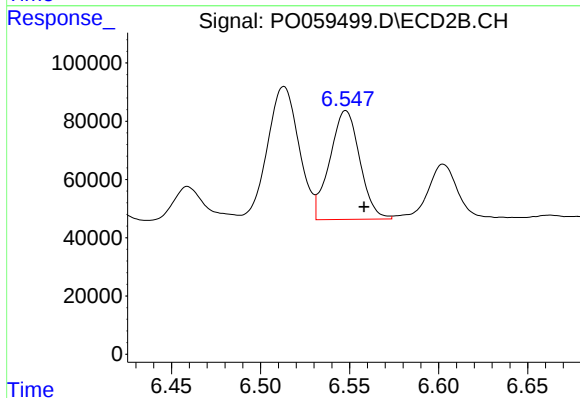
R.T.: 7.047 min
Delta R.T.: -0.010 min
Response: 833156
Conc: 151.39 ng/ml



#36 AR-1262-1

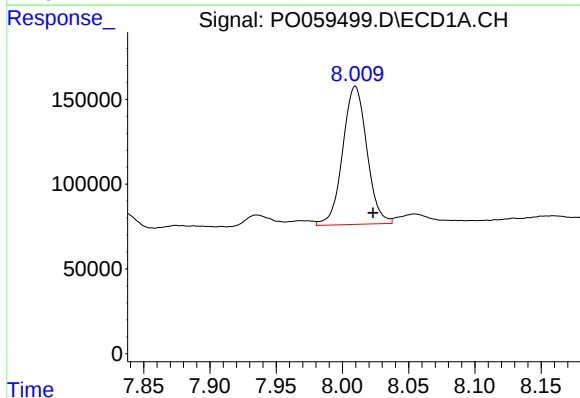
R.T.: 7.475 min
Delta R.T.: -0.014 min
Response: 507943
Conc: 104.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



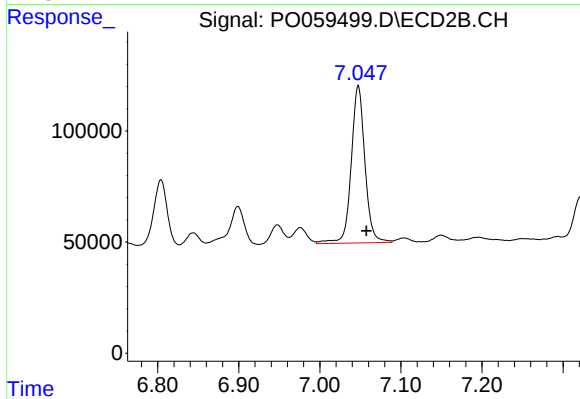
#36 AR-1262-1

R.T.: 6.548 min
Delta R.T.: -0.010 min
Response: 439010
Conc: 117.77 ng/ml



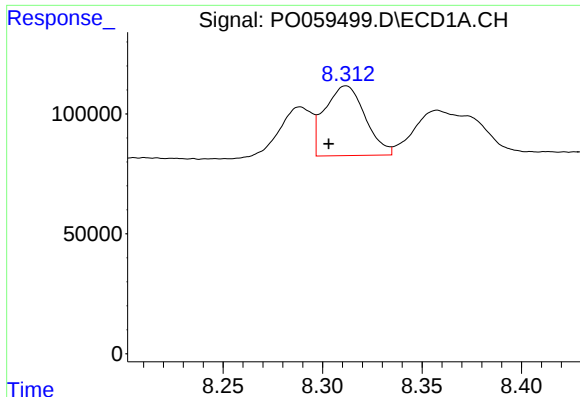
#37 AR-1262-2

R.T.: 8.010 min
Delta R.T.: -0.013 min
Response: 1031757
Conc: 133.72 ng/ml



#37 AR-1262-2

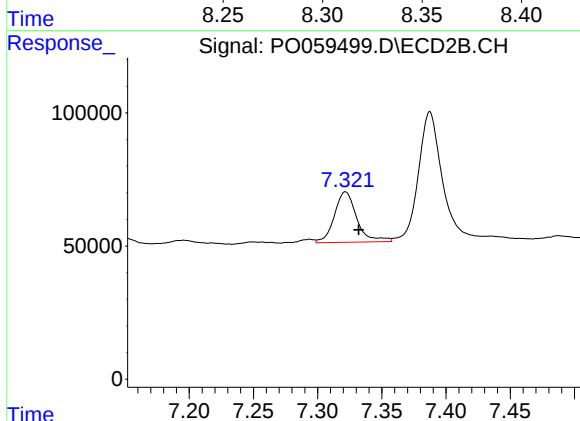
R.T.: 7.047 min
Delta R.T.: -0.010 min
Response: 833156
Conc: 141.72 ng/ml



#38 AR-1262-3

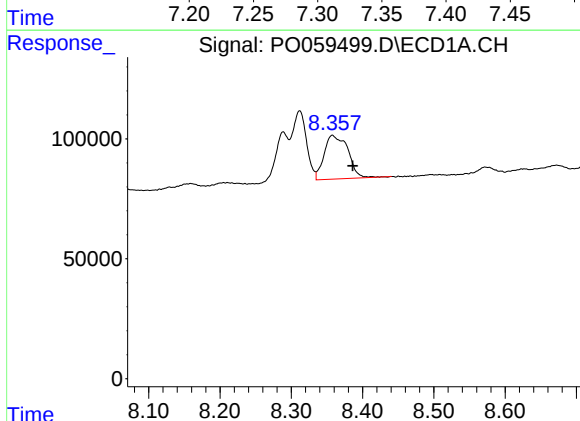
R.T.: 8.312 min
Delta R.T.: 0.009 min
Response: 411397
Conc: 80.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



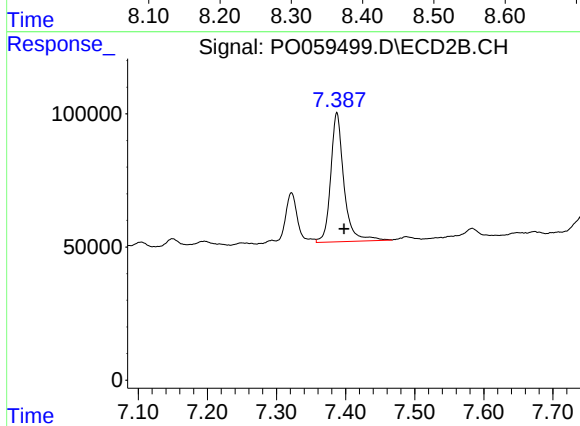
#38 AR-1262-3

R.T.: 7.322 min
Delta R.T.: -0.010 min
Response: 231929
Conc: 91.28 ng/ml



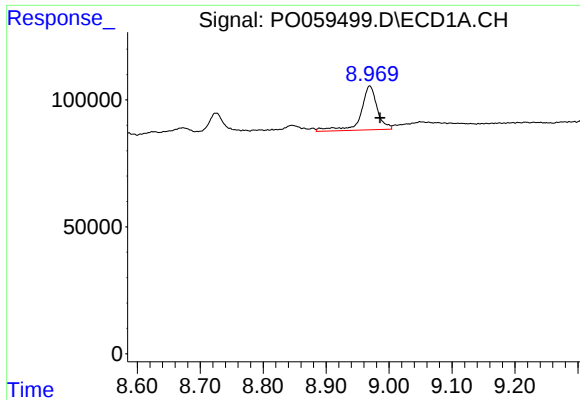
#39 AR-1262-4

R.T.: 8.358 min
Delta R.T.: -0.028 min
Response: 420267
Conc: 109.03 ng/ml



#39 AR-1262-4

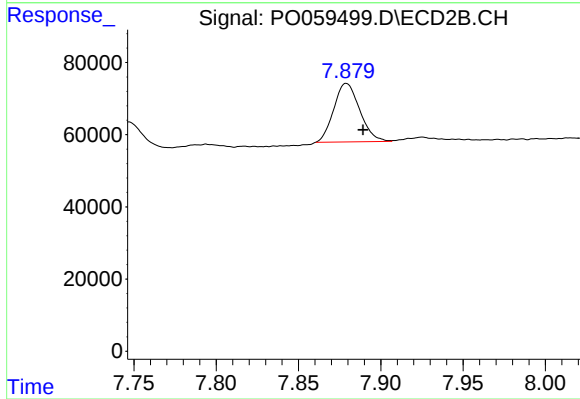
R.T.: 7.387 min
Delta R.T.: -0.010 min
Response: 644930
Conc: 145.95 ng/ml



#40 AR-1262-5

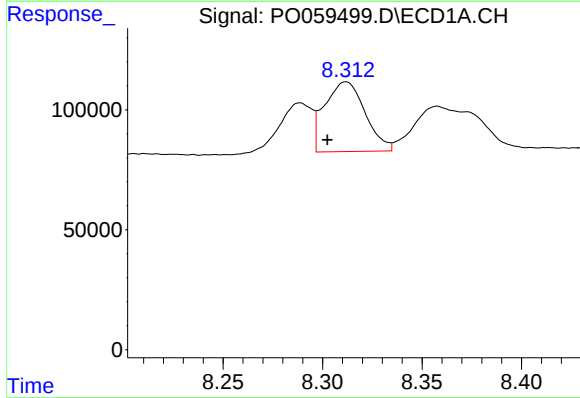
R.T.: 8.969 min
Delta R.T.: -0.016 min
Response: 313370
Conc: 122.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



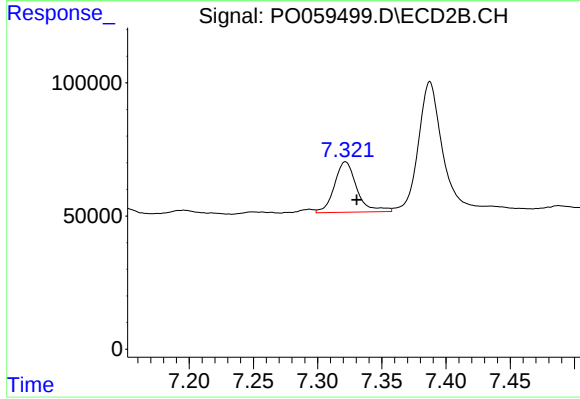
#40 AR-1262-5

R.T.: 7.879 min
Delta R.T.: -0.010 min
Response: 177995
Conc: 98.58 ng/ml



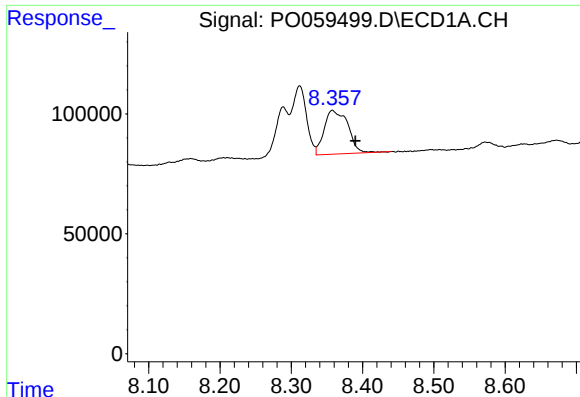
#41 AR-1268-1

R.T.: 8.312 min
Delta R.T.: 0.009 min
Response: 411397
Conc: 43.72 ng/ml



#41 AR-1268-1

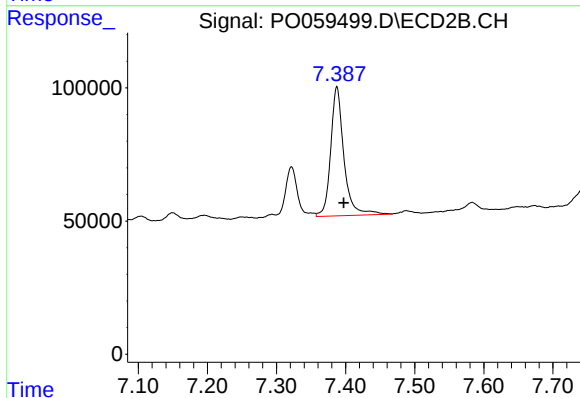
R.T.: 7.322 min
Delta R.T.: -0.009 min
Response: 231929
Conc: 32.57 ng/ml



#42 AR-1268-2

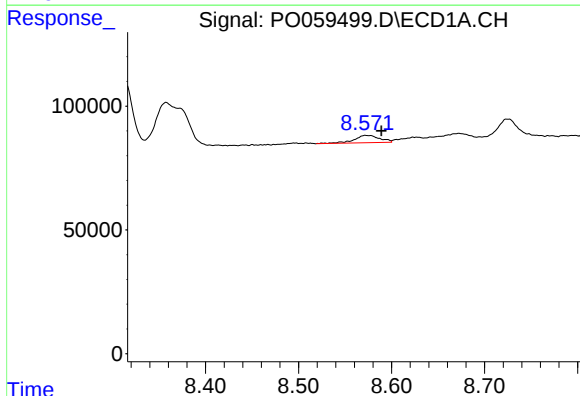
R.T.: 8.358 min
Delta R.T.: -0.032 min
Response: 420267
Conc: 53.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



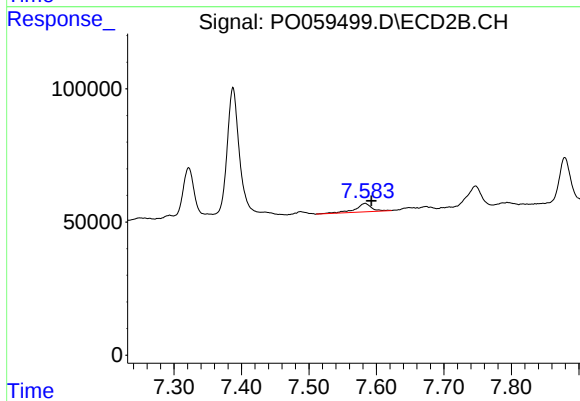
#42 AR-1268-2

R.T.: 7.387 min
Delta R.T.: -0.010 min
Response: 644930
Conc: 100.02 ng/ml



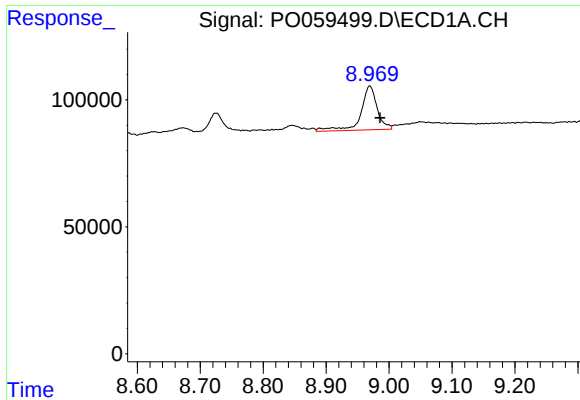
#43 AR-1268-3

R.T.: 8.574 min
Delta R.T.: -0.015 min
Response: 56488
Conc: 8.01 ng/ml



#43 AR-1268-3

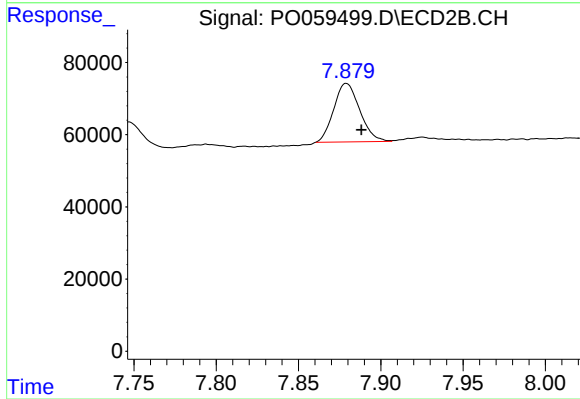
R.T.: 7.583 min
Delta R.T.: -0.009 min
Response: 54396
Conc: 9.94 ng/ml



#44 AR-1268-4

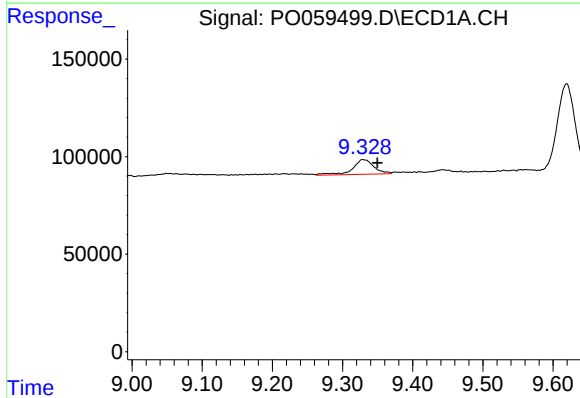
R.T.: 8.969 min
Delta R.T.: -0.016 min
Response: 313370
Conc: 112.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



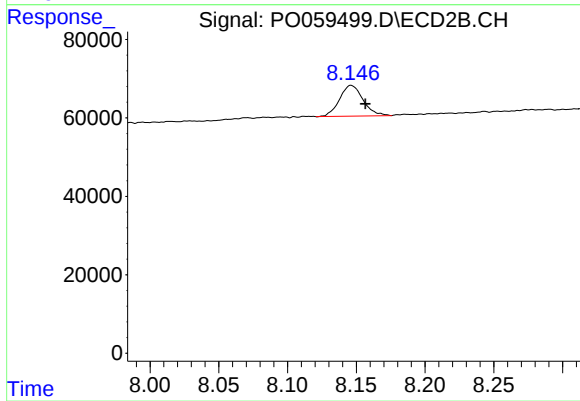
#44 AR-1268-4

R.T.: 7.879 min
Delta R.T.: -0.009 min
Response: 177995
Conc: 87.20 ng/ml



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: -0.020 min
Response: 161597
Conc: 8.76 ng/ml



#45 AR-1268-5

R.T.: 8.146 min
Delta R.T.: -0.010 min
Response: 93317
Conc: 6.42 ng/ml