

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081919\
 Data File : P0059506.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Aug 2019 6:17
 Operator : SM/AJ
 Sample : K4388-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:38:56 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...	4.136	3.504	1209299	954130	34.539	26.507
2)	SA Decachlor...	9.620	8.373	1212121	1010208	22.784	25.054
Target Compounds							
3)	L1 AR-1016-1	5.315	4.556	85388	16742	53.239	12.384 #
4)	L1 AR-1016-2	5.315	4.576	85388	14545	35.690	7.262 #
5)	L1 AR-1016-3	5.350	4.751	317869	3467	213.403	3.205 #
6)	L1 AR-1016-4	5.471	4.788	53202	12897	43.977	14.283 #
7)	L1 AR-1016-5	5.755	5.033	12709	8770	9.897	7.613
8)	L2 AR-1221-1	4.357	3.722	36031	50286	85.086	125.280 #
9)	L2 AR-1221-2	4.442	3.797	56164	12816	172.921	42.070 #
10)	L2 AR-1221-3	4.514	3.842	86041	37039	81.798	37.855 #
11)	L3 AR-1232-1	4.514	3.842	86041	37039	69.029	32.486 #
12)	L3 AR-1232-2	5.029	4.576	39337	14545	55.687	11.421 #
13)	L3 AR-1232-3	5.315	4.751	85388	3467	55.760	5.091 #
14)	L3 AR-1232-4	5.471	4.815	53202	58525	68.043	95.933 #
15)	L3 AR-1232-5	5.540	5.033	43695	8770	72.689	12.883 #
16)	L4 AR-1242-1	5.315	4.556	85388	16742	67.261	16.276 #
17)	L4 AR-1242-2	5.315	4.576	85388	14545	46.015	9.550 #
18)	L4 AR-1242-3	5.350	4.751	317869	3467	271.952	4.149 #
19)	L4 AR-1242-4	5.471	4.815	53202	58525	54.968	70.141 #
20)	L4 AR-1242-5	6.192	5.338	485432	77324	386.306	69.126 #
21)	L5 AR-1248-1	5.315	4.556	85388	16742	85.171	20.219 #
22)	L5 AR-1248-2	5.540	4.788	43695	12897	30.116	11.185 #
23)	L5 AR-1248-3	5.755	4.815	12709	58525	7.646	49.274 #
24)	L5 AR-1248-4	6.150	5.033	555692	8770	271.851	6.035 #
25)	L5 AR-1248-5	6.192	5.379	485432	32629	244.787	22.797 #
26)	L6 AR-1254-1	6.131	5.338	1193619	77324	572.090	32.602 #
27)	L6 AR-1254-2	6.393	5.484	4816607	52264	1443.719	24.908 #
28)	L6 AR-1254-3	6.707	5.887	512153	455993	144.331	135.611
29)	L6 AR-1254-4	6.985	6.106	405842	53715	137.782	26.052 #
30)	L6 AR-1254-5	7.434	6.513	575896	1928817	186.230	621.203 #
31)	L7 AR-1260-1	6.865	6.005	2021450	1026562	749.846	450.463 #
32)	L7 AR-1260-2	7.120	6.193	1207601	1168965	325.457	398.981
33)	L7 AR-1260-3	7.475	6.341	2369339	871376	723.168	328.928 #
34)	L7 AR-1260-4	7.701	6.804	2514874	1522970	818.825	673.112
35)	L7 AR-1260-5	8.009	7.047	6413467	4013139	905.741	729.222
36)	L8 AR-1262-1	7.475	6.549	2369339	1894235	488.232	508.171
37)	L8 AR-1262-2	8.009	7.047	6413467	4013139	831.203	682.617
38)	L8 AR-1262-3	8.312	7.321	2179125	1019583	427.086	401.258
39)	L8 AR-1262-4	8.357	7.387	2218982	3093486	575.652	700.051
40)	L8 AR-1262-5	8.969	7.878	1335578	1187112	520.376	657.476 #
41)	L9 AR-1268-1	8.312	7.321	2179125	1019583	231.559	143.181 #

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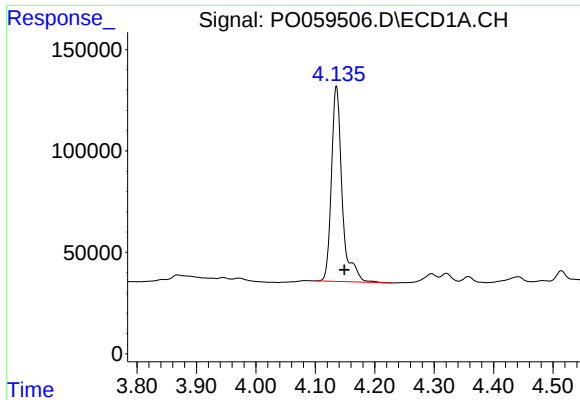
Instrument :
 ECD_O
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.357	7.387	2218982	3093486	281.501	479.759 #
43) L9	AR-1268-3	8.575	7.583	254557	162034	36.113	29.614
44) L9	AR-1268-4	8.969	7.878	1335578	1187112	480.416	581.549
45) L9	AR-1268-5	9.331	8.147	2219680	452104	120.359	31.116 #

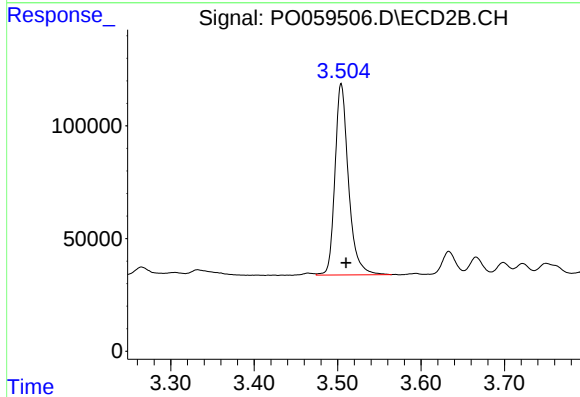
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

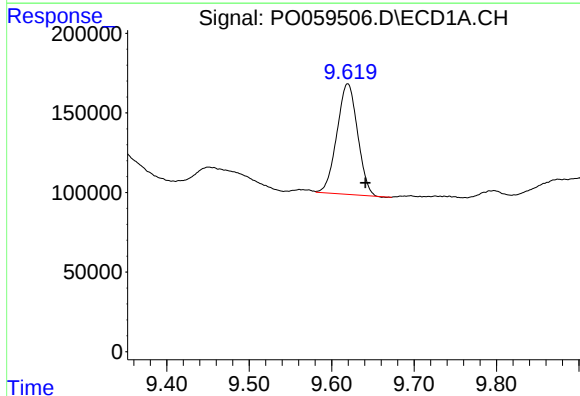
R.T.: 4.136 min
Delta R.T.: -0.013 min
Response: 1209299
Conc: 34.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



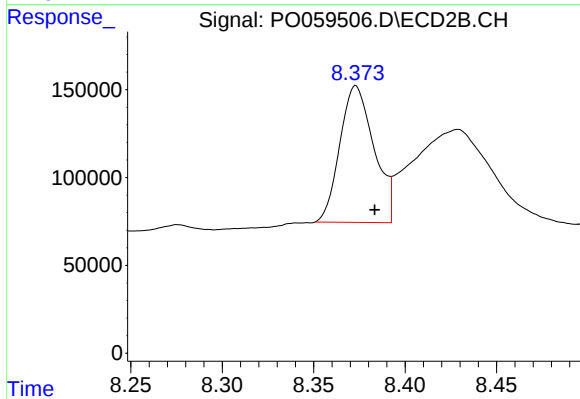
#1 Tetrachloro-m-xylene

R.T.: 3.504 min
Delta R.T.: -0.006 min
Response: 954130
Conc: 26.51 ng/ml



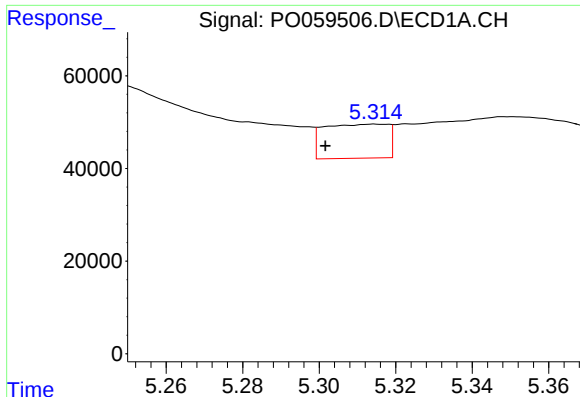
#2 Decachlorobiphenyl

R.T.: 9.620 min
Delta R.T.: -0.021 min
Response: 1212121
Conc: 22.78 ng/ml



#2 Decachlorobiphenyl

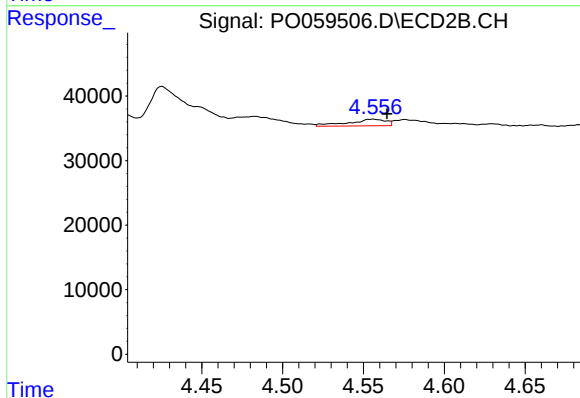
R.T.: 8.373 min
Delta R.T.: -0.010 min
Response: 1010208
Conc: 25.05 ng/ml



#3 AR-1016-1

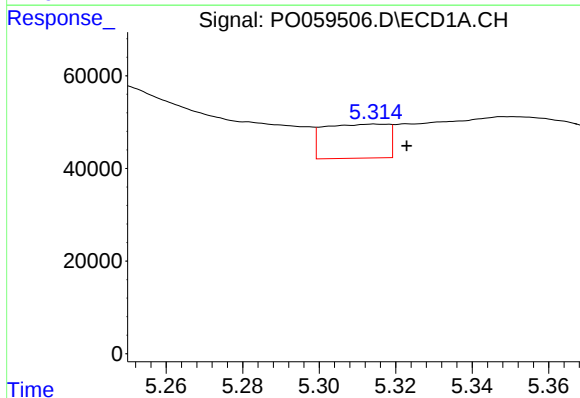
R.T.: 5.315 min
Delta R.T.: 0.013 min
Response: 85388
Conc: 53.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



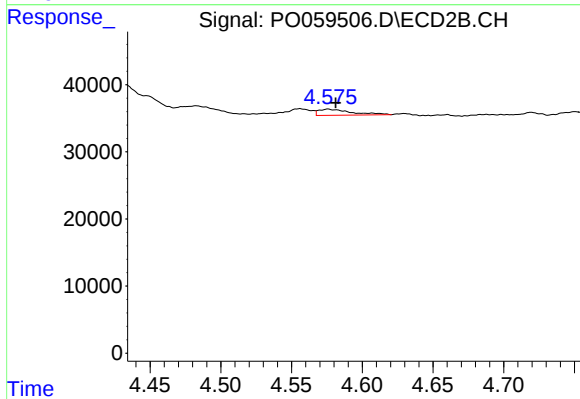
#3 AR-1016-1

R.T.: 4.556 min
Delta R.T.: -0.009 min
Response: 16742
Conc: 12.38 ng/ml



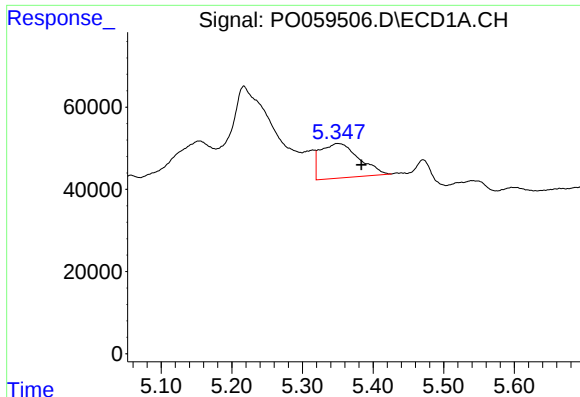
#4 AR-1016-2

R.T.: 5.315 min
Delta R.T.: -0.008 min
Response: 85388
Conc: 35.69 ng/ml



#4 AR-1016-2

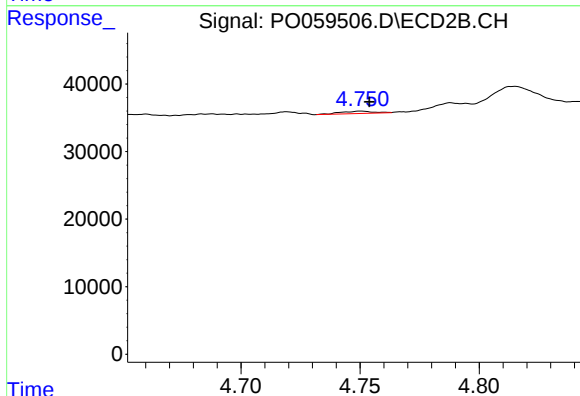
R.T.: 4.576 min
Delta R.T.: -0.005 min
Response: 14545
Conc: 7.26 ng/ml



#5 AR-1016-3

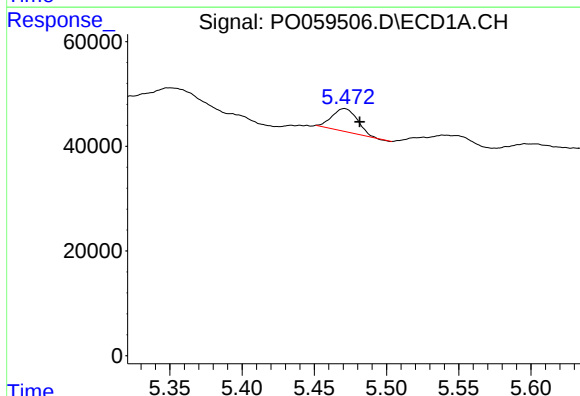
R.T.: 5.350 min
Delta R.T.: -0.034 min
Response: 317869
Conc: 213.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



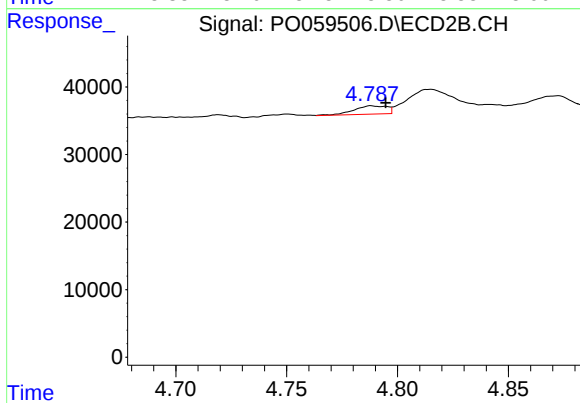
#5 AR-1016-3

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 3467
Conc: 3.20 ng/ml



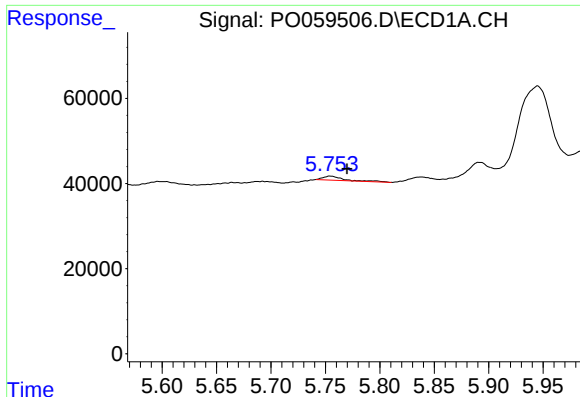
#6 AR-1016-4

R.T.: 5.471 min
Delta R.T.: -0.011 min
Response: 53202
Conc: 43.98 ng/ml



#6 AR-1016-4

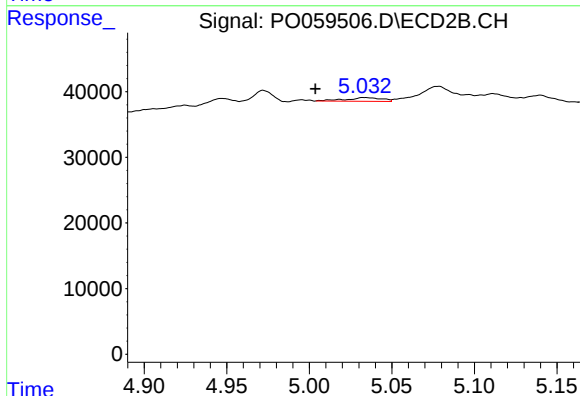
R.T.: 4.788 min
Delta R.T.: -0.006 min
Response: 12897
Conc: 14.28 ng/ml



#7 AR-1016-5

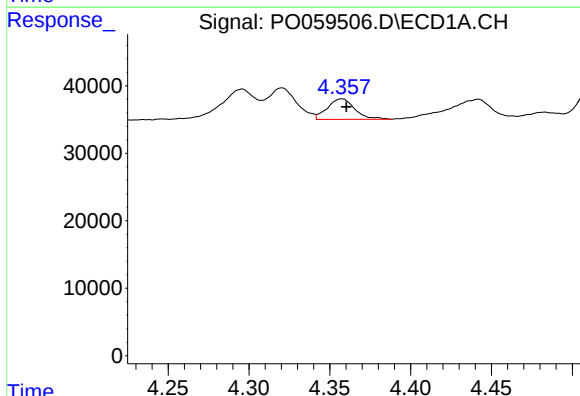
R.T.: 5.755 min
Delta R.T.: -0.015 min
Response: 12709
Conc: 9.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



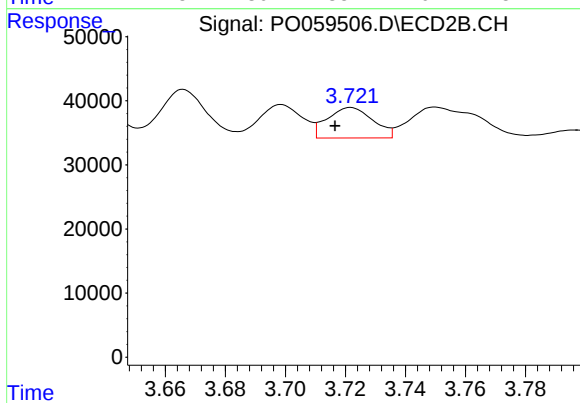
#7 AR-1016-5

R.T.: 5.033 min
Delta R.T.: 0.030 min
Response: 8770
Conc: 7.61 ng/ml



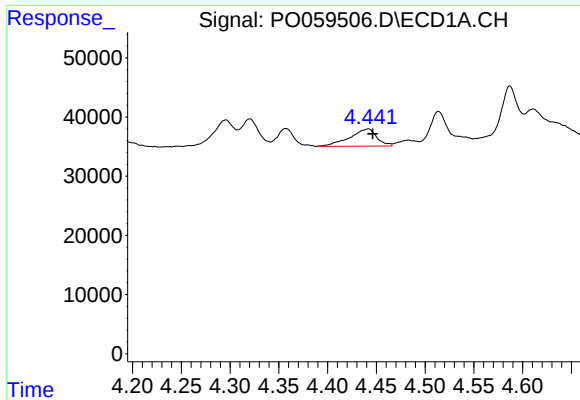
#8 AR-1221-1

R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 36031
Conc: 85.09 ng/ml



#8 AR-1221-1

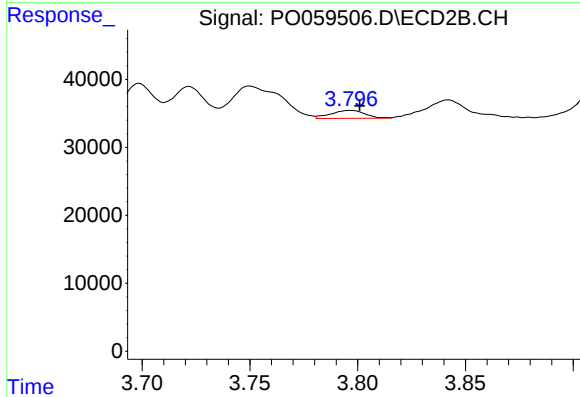
R.T.: 3.722 min
Delta R.T.: 0.005 min
Response: 50286
Conc: 125.28 ng/ml



#9 AR-1221-2

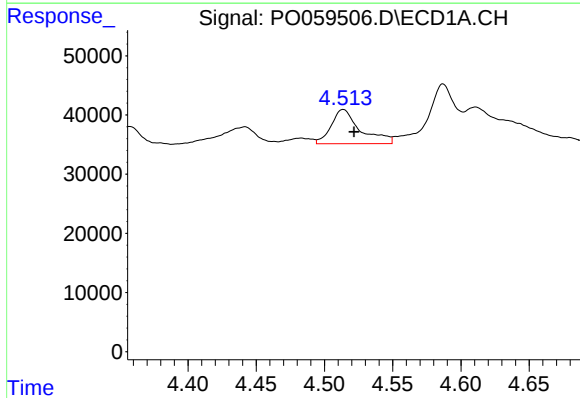
R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 56164
Conc: 172.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



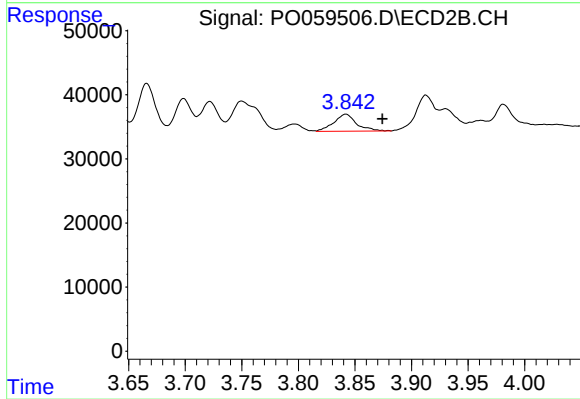
#9 AR-1221-2

R.T.: 3.797 min
Delta R.T.: -0.004 min
Response: 12816
Conc: 42.07 ng/ml



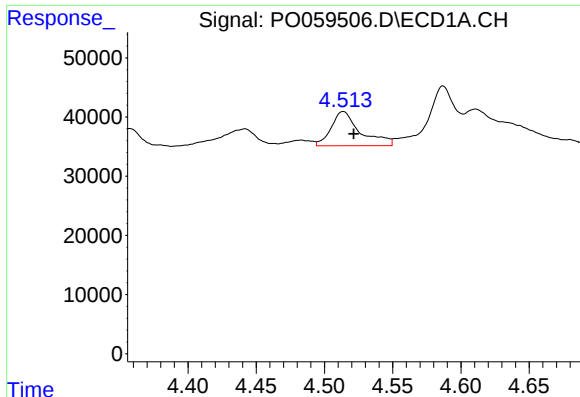
#10 AR-1221-3

R.T.: 4.514 min
Delta R.T.: -0.008 min
Response: 86041
Conc: 81.80 ng/ml



#10 AR-1221-3

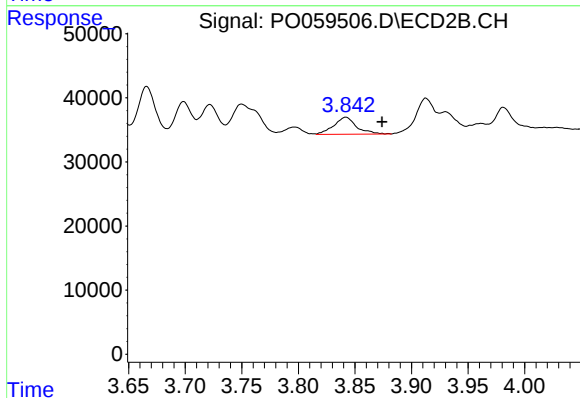
R.T.: 3.842 min
Delta R.T.: -0.032 min
Response: 37039
Conc: 37.85 ng/ml



#11 AR-1232-1

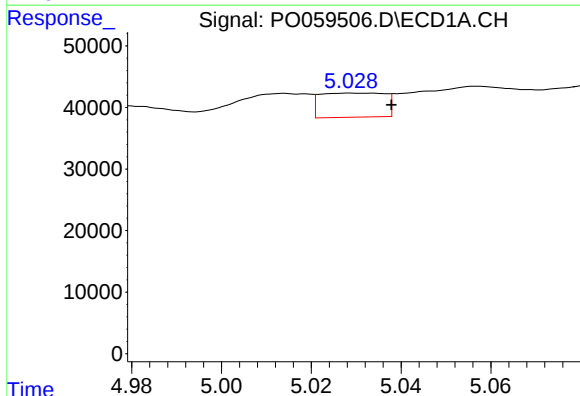
R.T.: 4.514 min
Delta R.T.: -0.008 min
Response: 86041
Conc: 69.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



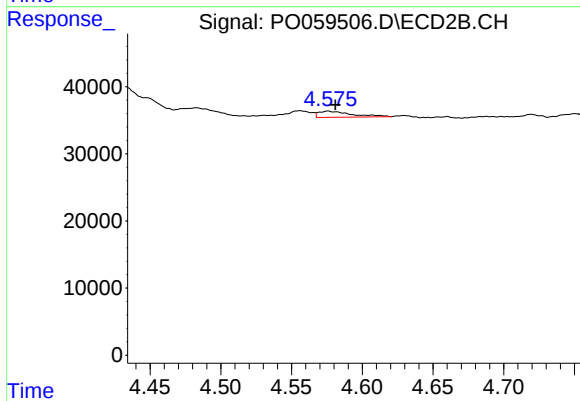
#11 AR-1232-1

R.T.: 3.842 min
Delta R.T.: -0.032 min
Response: 37039
Conc: 32.49 ng/ml



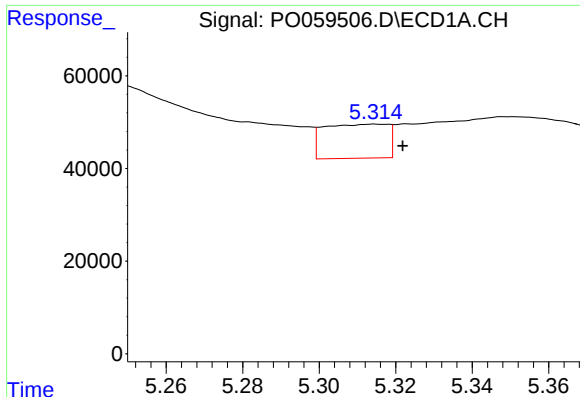
#12 AR-1232-2

R.T.: 5.029 min
Delta R.T.: -0.008 min
Response: 39337
Conc: 55.69 ng/ml



#12 AR-1232-2

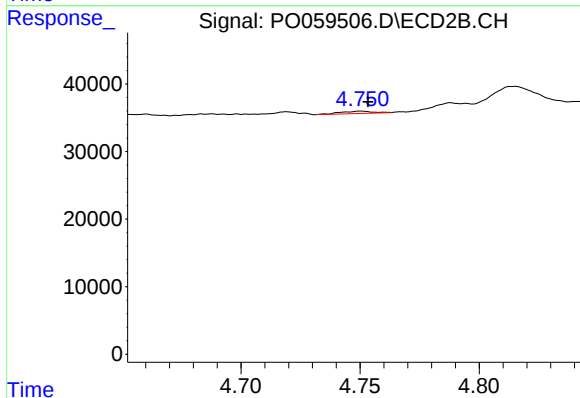
R.T.: 4.576 min
Delta R.T.: -0.005 min
Response: 14545
Conc: 11.42 ng/ml



#13 AR-1232-3

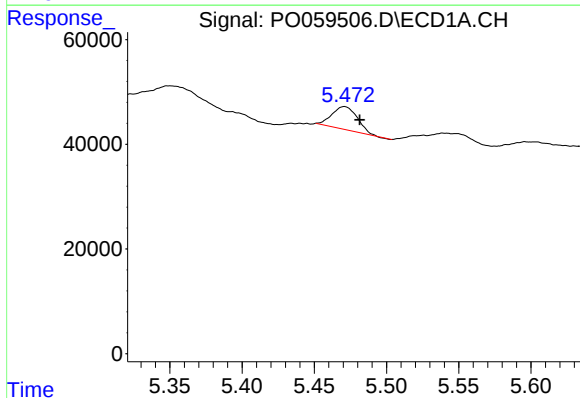
R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 85388
Conc: 55.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



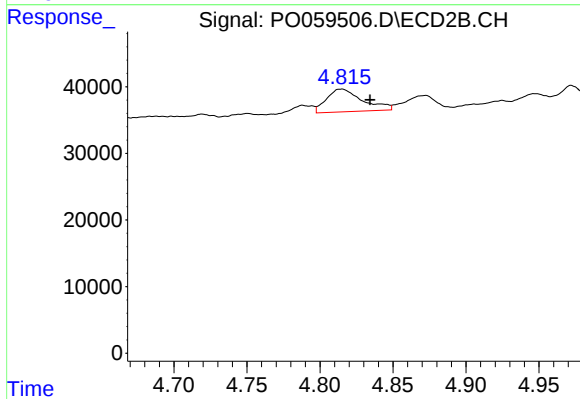
#13 AR-1232-3

R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 3467
Conc: 5.09 ng/ml



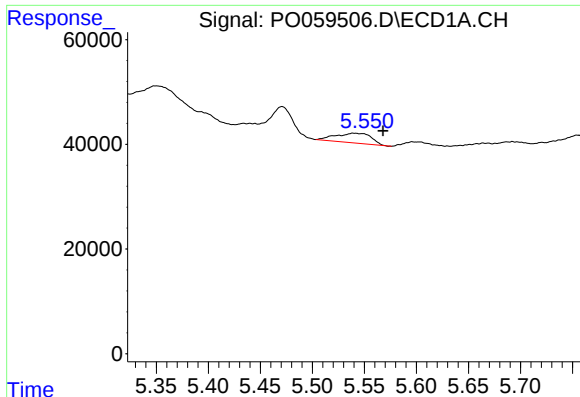
#14 AR-1232-4

R.T.: 5.471 min
Delta R.T.: -0.011 min
Response: 53202
Conc: 68.04 ng/ml



#14 AR-1232-4

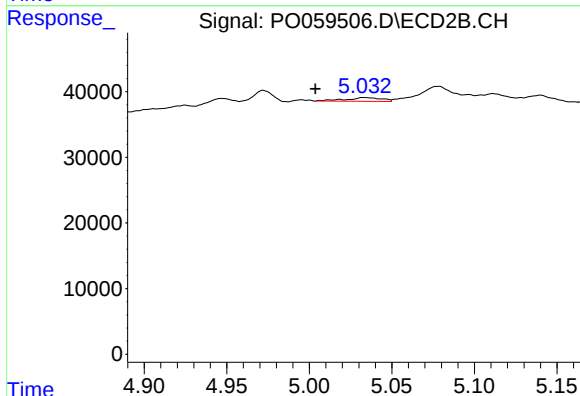
R.T.: 4.815 min
Delta R.T.: -0.020 min
Response: 58525
Conc: 95.93 ng/ml



#15 AR-1232-5

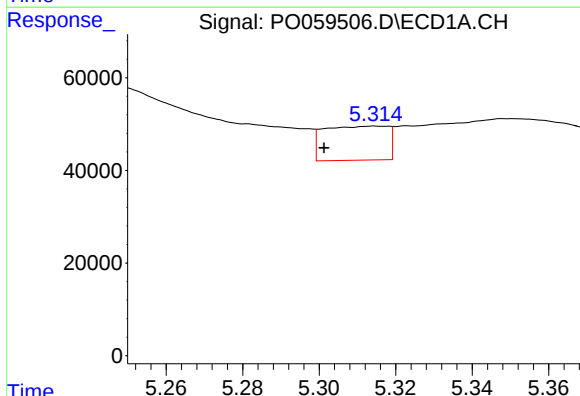
R.T.: 5.540 min
Delta R.T.: -0.028 min
Response: 43695
Conc: 72.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



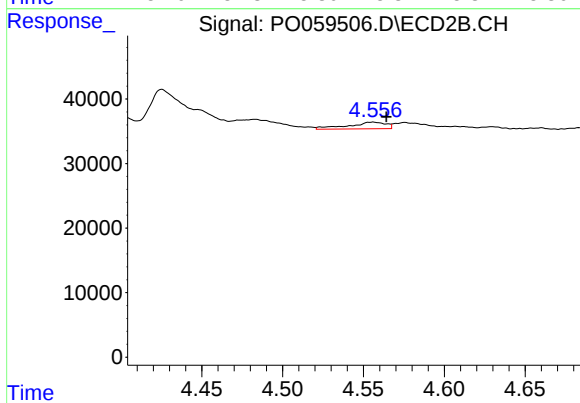
#15 AR-1232-5

R.T.: 5.033 min
Delta R.T.: 0.030 min
Response: 8770
Conc: 12.88 ng/ml



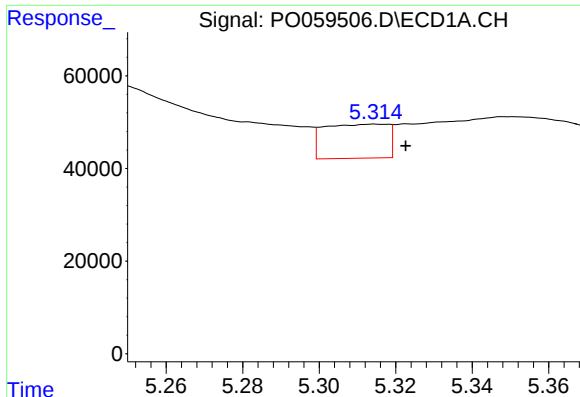
#16 AR-1242-1

R.T.: 5.315 min
Delta R.T.: 0.014 min
Response: 85388
Conc: 67.26 ng/ml



#16 AR-1242-1

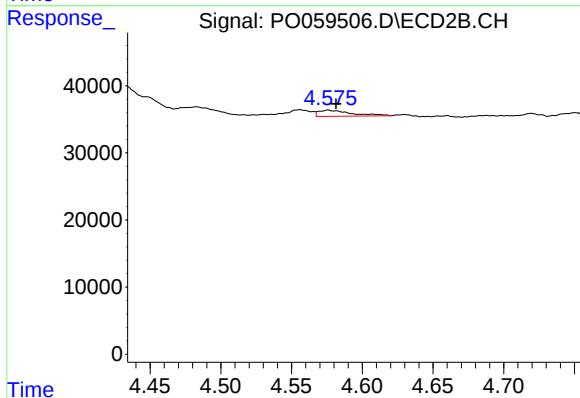
R.T.: 4.556 min
Delta R.T.: -0.009 min
Response: 16742
Conc: 16.28 ng/ml



#17 AR-1242-2

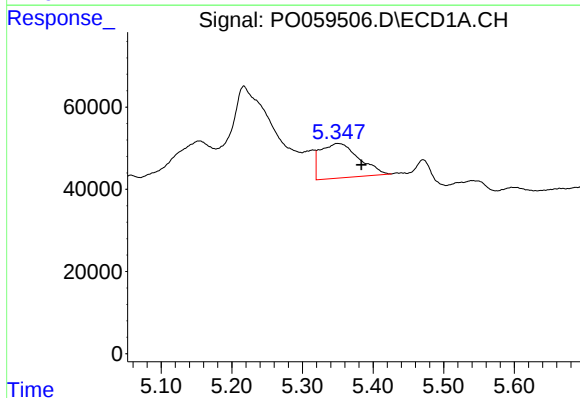
R.T.: 5.315 min
Delta R.T.: -0.008 min
Response: 85388
Conc: 46.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



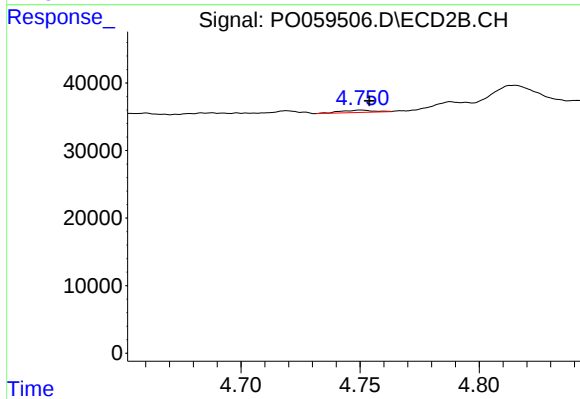
#17 AR-1242-2

R.T.: 4.576 min
Delta R.T.: -0.006 min
Response: 14545
Conc: 9.55 ng/ml



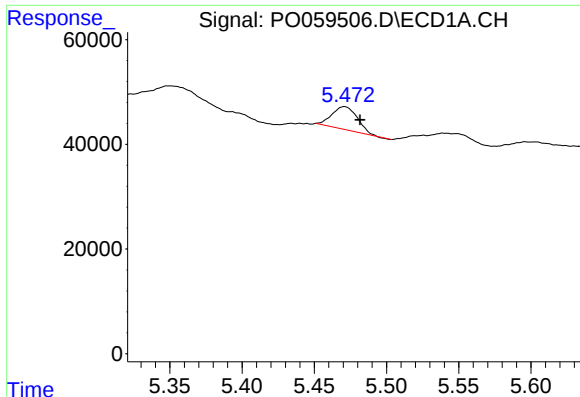
#18 AR-1242-3

R.T.: 5.350 min
Delta R.T.: -0.034 min
Response: 317869
Conc: 271.95 ng/ml



#18 AR-1242-3

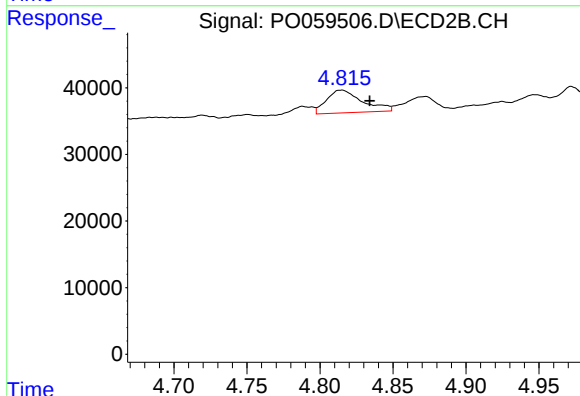
R.T.: 4.751 min
Delta R.T.: -0.003 min
Response: 3467
Conc: 4.15 ng/ml



#19 AR-1242-4

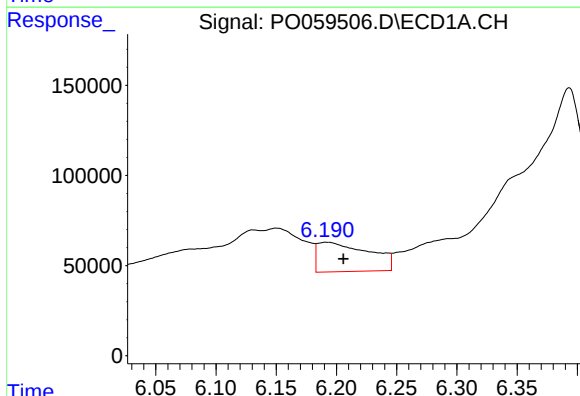
R.T.: 5.471 min
Delta R.T.: -0.011 min
Response: 53202
Conc: 54.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



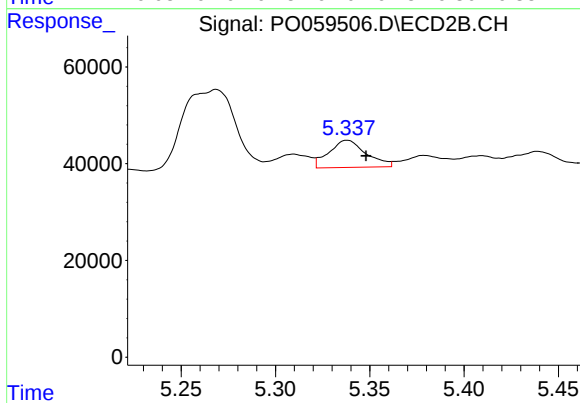
#19 AR-1242-4

R.T.: 4.815 min
Delta R.T.: -0.020 min
Response: 58525
Conc: 70.14 ng/ml



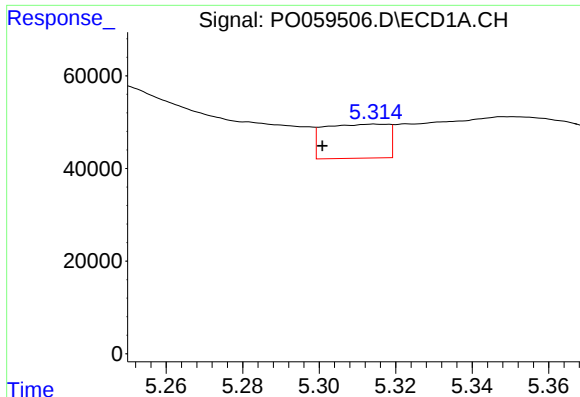
#20 AR-1242-5

R.T.: 6.192 min
Delta R.T.: -0.014 min
Response: 485432
Conc: 386.31 ng/ml



#20 AR-1242-5

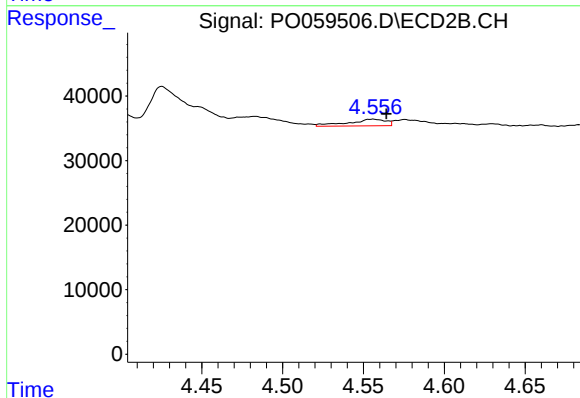
R.T.: 5.338 min
Delta R.T.: -0.010 min
Response: 77324
Conc: 69.13 ng/ml



#21 AR-1248-1

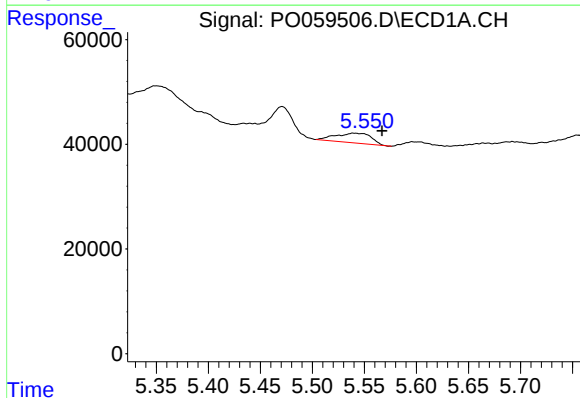
R.T.: 5.315 min
Delta R.T.: 0.014 min
Response: 85388
Conc: 85.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



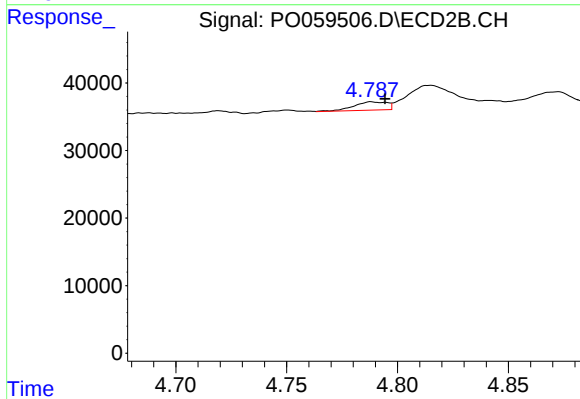
#21 AR-1248-1

R.T.: 4.556 min
Delta R.T.: -0.009 min
Response: 16742
Conc: 20.22 ng/ml



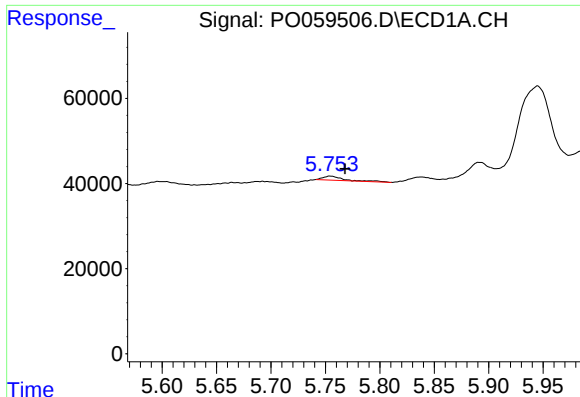
#22 AR-1248-2

R.T.: 5.540 min
Delta R.T.: -0.027 min
Response: 43695
Conc: 30.12 ng/ml



#22 AR-1248-2

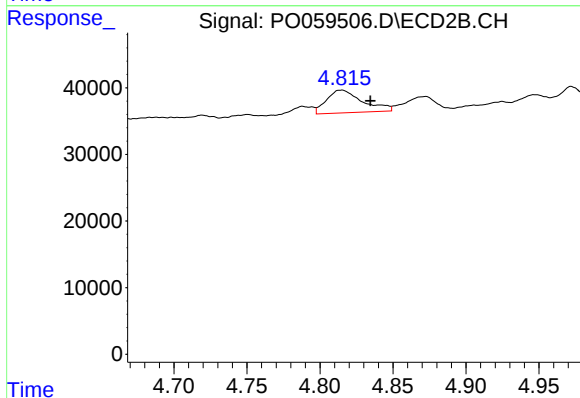
R.T.: 4.788 min
Delta R.T.: -0.006 min
Response: 12897
Conc: 11.18 ng/ml



#23 AR-1248-3

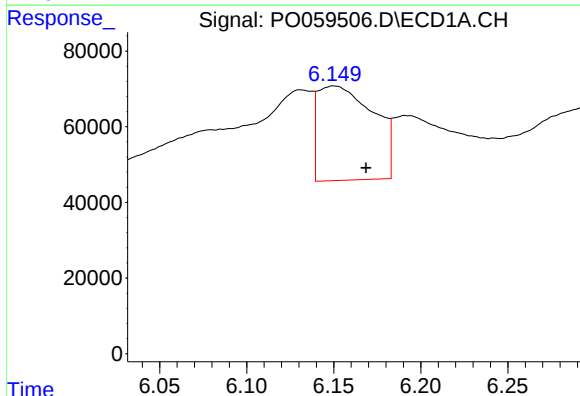
R.T.: 5.755 min
Delta R.T.: -0.013 min
Response: 12709
Conc: 7.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



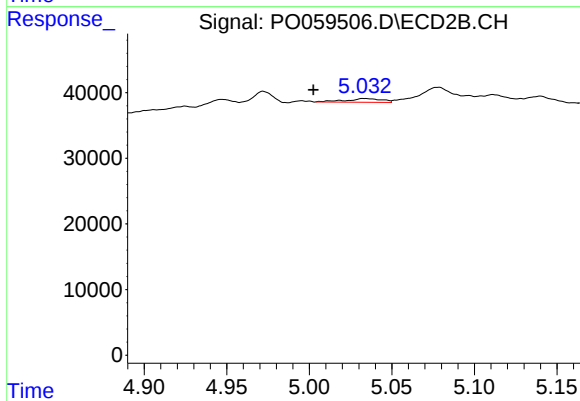
#23 AR-1248-3

R.T.: 4.815 min
Delta R.T.: -0.020 min
Response: 58525
Conc: 49.27 ng/ml



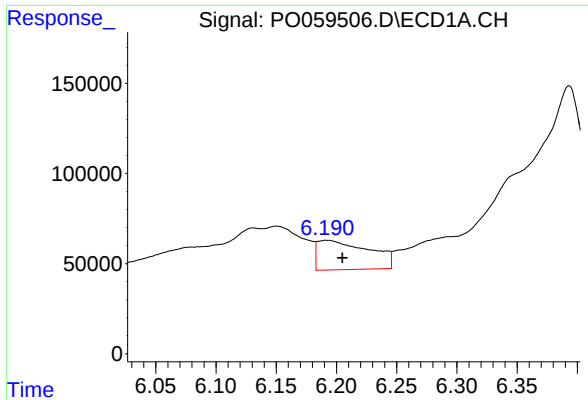
#24 AR-1248-4

R.T.: 6.150 min
Delta R.T.: -0.018 min
Response: 555692
Conc: 271.85 ng/ml



#24 AR-1248-4

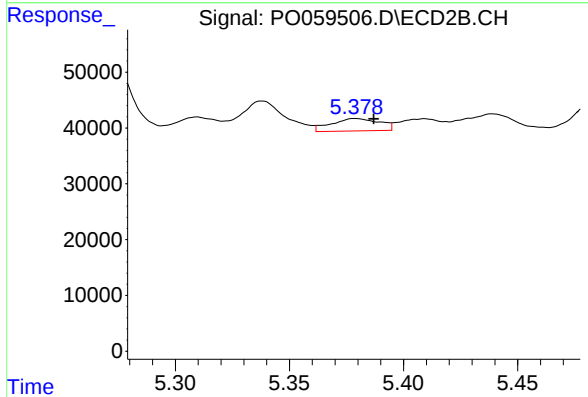
R.T.: 5.033 min
Delta R.T.: 0.031 min
Response: 8770
Conc: 6.04 ng/ml



#25 AR-1248-5

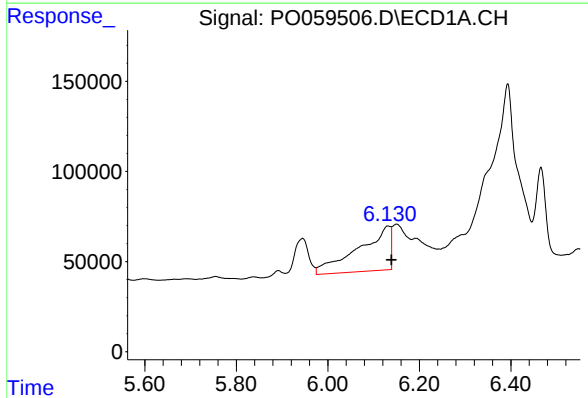
R.T.: 6.192 min
Delta R.T.: -0.013 min
Response: 485432
Conc: 244.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



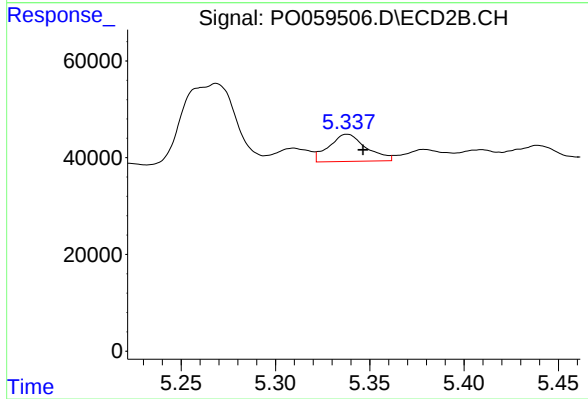
#25 AR-1248-5

R.T.: 5.379 min
Delta R.T.: -0.008 min
Response: 32629
Conc: 22.80 ng/ml



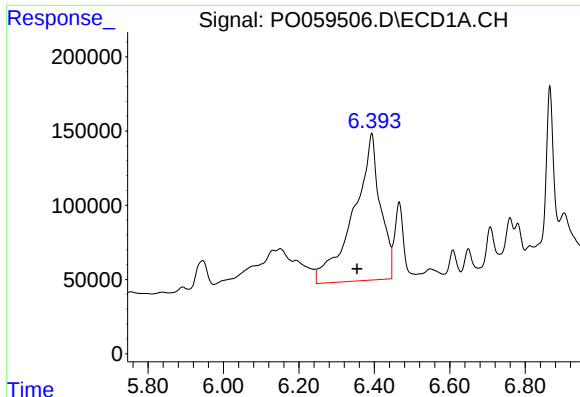
#26 AR-1254-1

R.T.: 6.131 min
Delta R.T.: -0.008 min
Response: 1193619
Conc: 572.09 ng/ml



#26 AR-1254-1

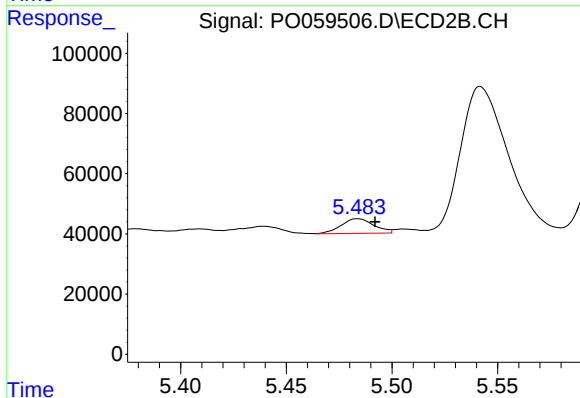
R.T.: 5.338 min
Delta R.T.: -0.008 min
Response: 77324
Conc: 32.60 ng/ml



#27 AR-1254-2

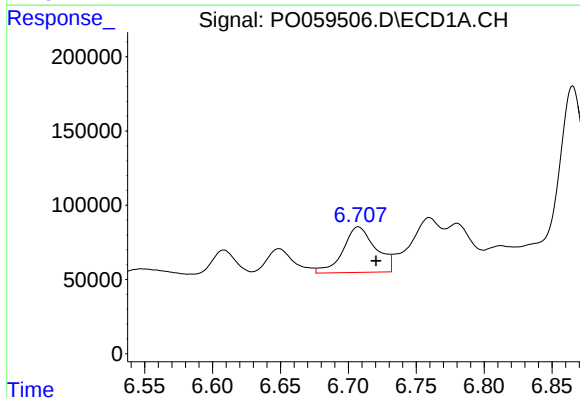
R.T.: 6.393 min
Delta R.T.: 0.039 min
Response: 4816607
Conc: 1443.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



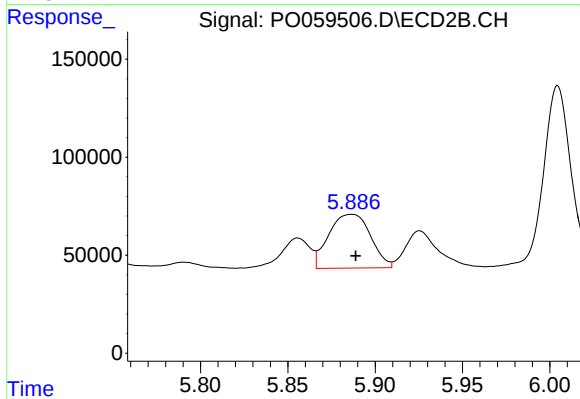
#27 AR-1254-2

R.T.: 5.484 min
Delta R.T.: -0.008 min
Response: 52264
Conc: 24.91 ng/ml



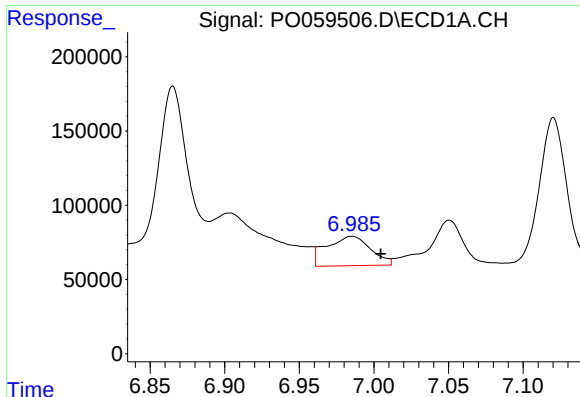
#28 AR-1254-3

R.T.: 6.707 min
Delta R.T.: -0.013 min
Response: 512153
Conc: 144.33 ng/ml



#28 AR-1254-3

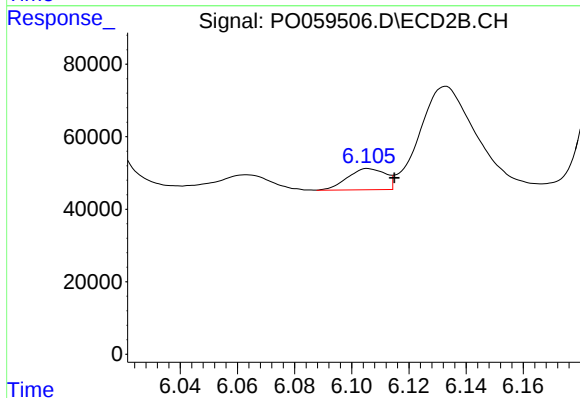
R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 455993
Conc: 135.61 ng/ml



#29 AR-1254-4

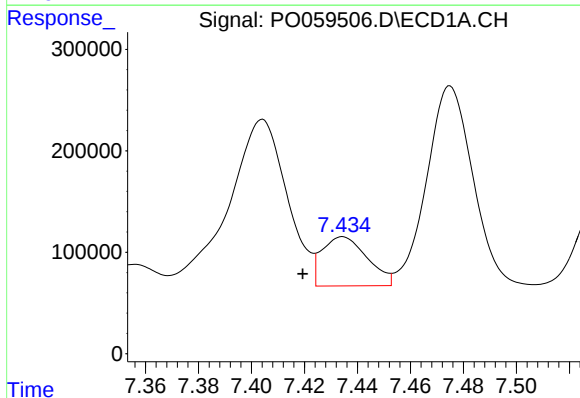
R.T.: 6.985 min
Delta R.T.: -0.019 min
Response: 405842
Conc: 137.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



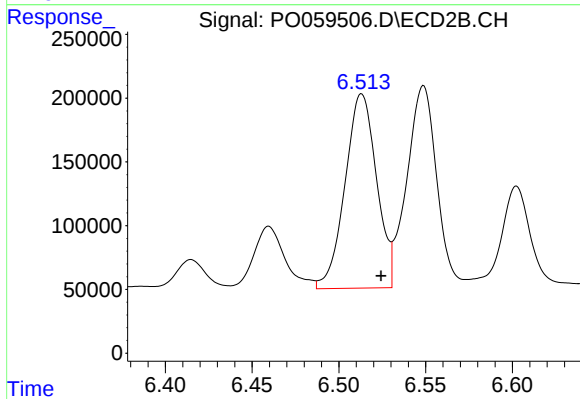
#29 AR-1254-4

R.T.: 6.106 min
Delta R.T.: -0.009 min
Response: 53715
Conc: 26.05 ng/ml



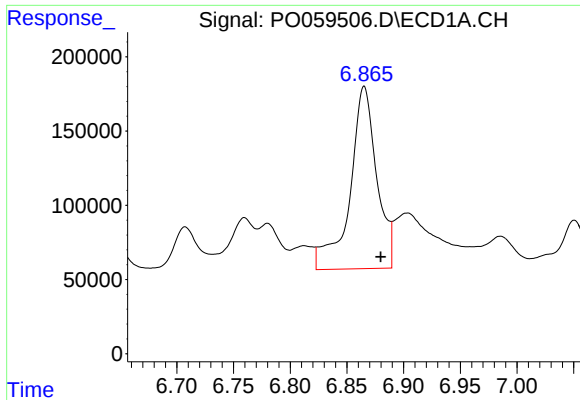
#30 AR-1254-5

R.T.: 7.434 min
Delta R.T.: 0.015 min
Response: 575896
Conc: 186.23 ng/ml



#30 AR-1254-5

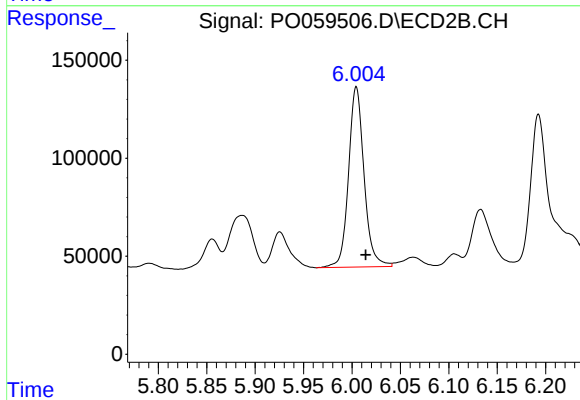
R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 1928817
Conc: 621.20 ng/ml



#31 AR-1260-1

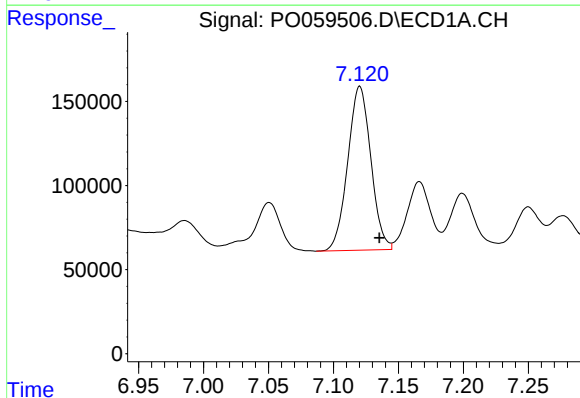
R.T.: 6.865 min
Delta R.T.: -0.014 min
Response: 2021450
Conc: 749.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



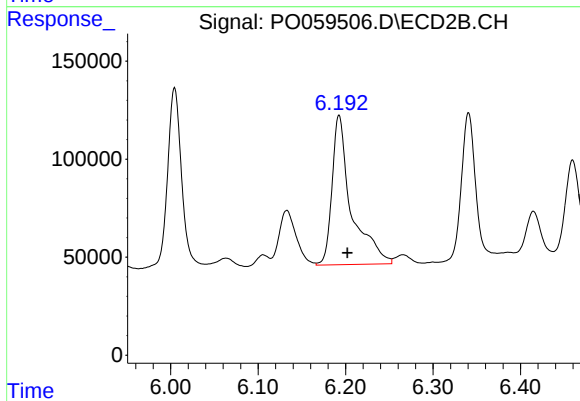
#31 AR-1260-1

R.T.: 6.005 min
Delta R.T.: -0.010 min
Response: 1026562
Conc: 450.46 ng/ml



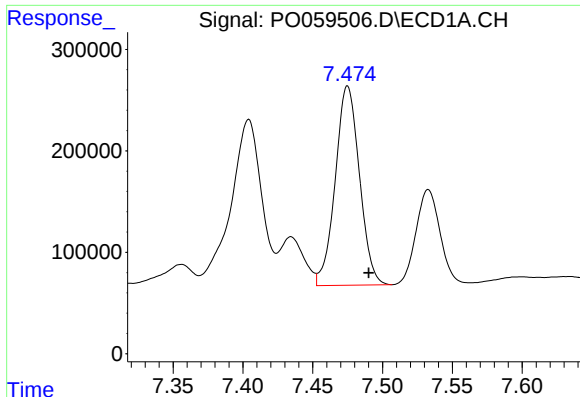
#32 AR-1260-2

R.T.: 7.120 min
Delta R.T.: -0.015 min
Response: 1207601
Conc: 325.46 ng/ml



#32 AR-1260-2

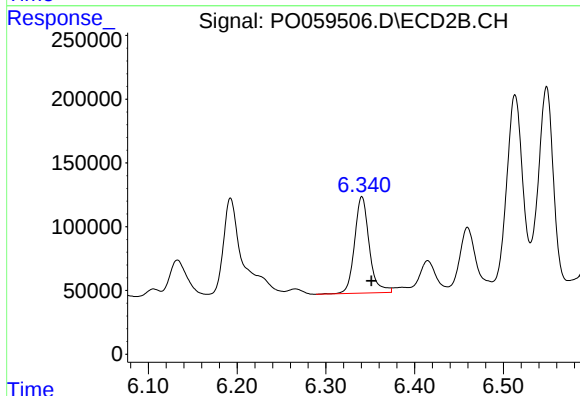
R.T.: 6.193 min
Delta R.T.: -0.010 min
Response: 1168965
Conc: 398.98 ng/ml



#33 AR-1260-3

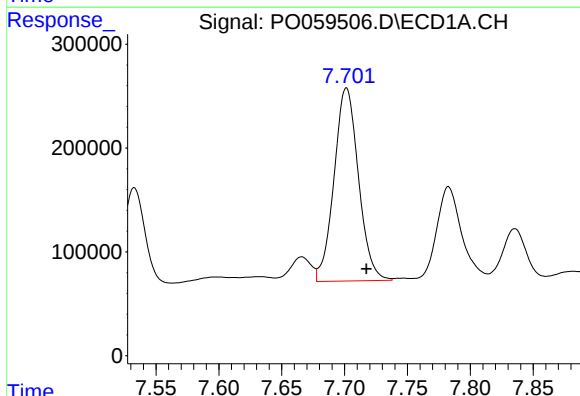
R.T.: 7.475 min
Delta R.T.: -0.015 min
Response: 2369339
Conc: 723.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



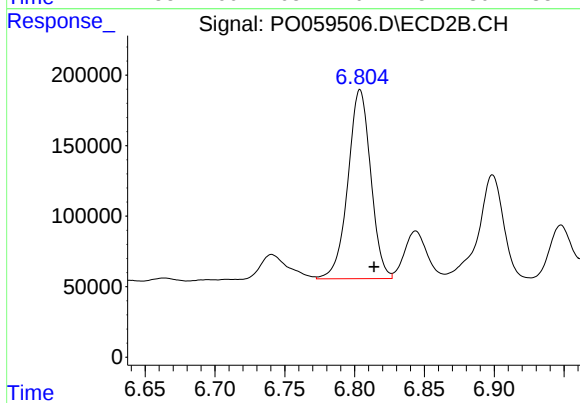
#33 AR-1260-3

R.T.: 6.341 min
Delta R.T.: -0.010 min
Response: 871376
Conc: 328.93 ng/ml



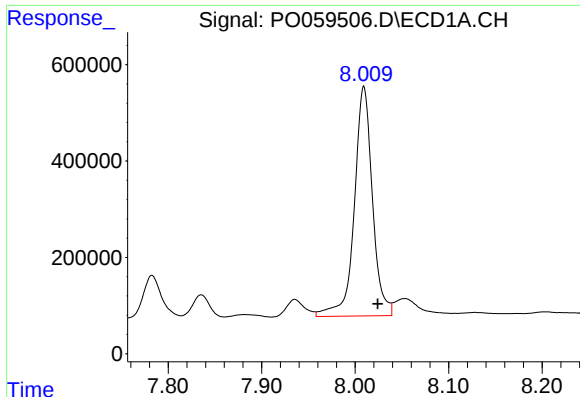
#34 AR-1260-4

R.T.: 7.701 min
Delta R.T.: -0.016 min
Response: 2514874
Conc: 818.82 ng/ml



#34 AR-1260-4

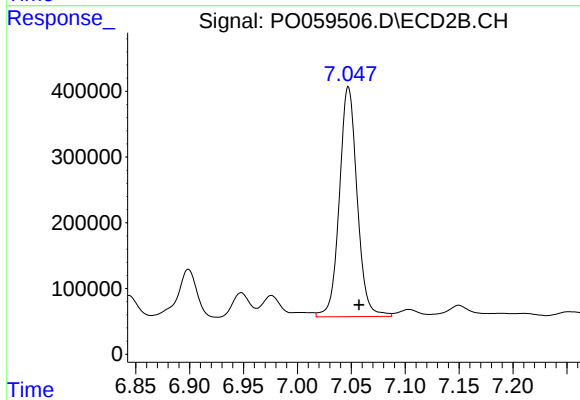
R.T.: 6.804 min
Delta R.T.: -0.010 min
Response: 1522970
Conc: 673.11 ng/ml



#35 AR-1260-5

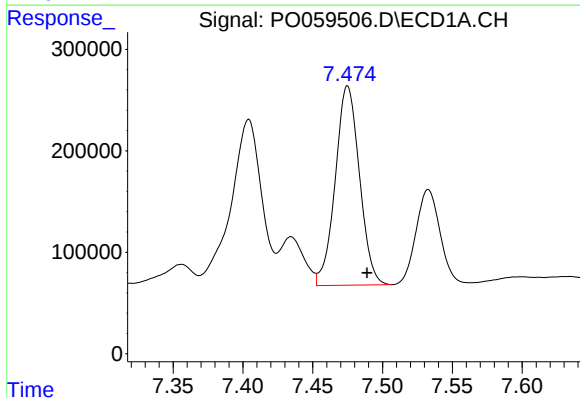
R.T.: 8.009 min
Delta R.T.: -0.015 min
Response: 6413467
Conc: 905.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



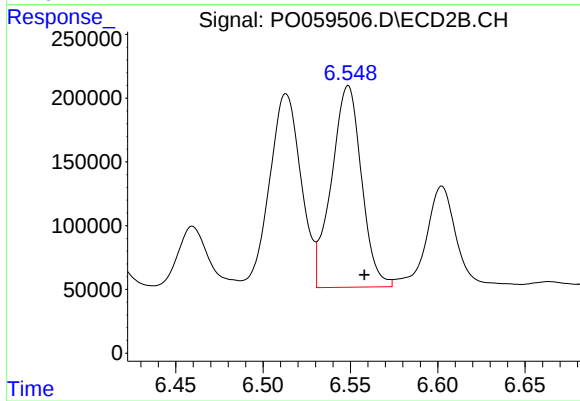
#35 AR-1260-5

R.T.: 7.047 min
Delta R.T.: -0.010 min
Response: 4013139
Conc: 729.22 ng/ml



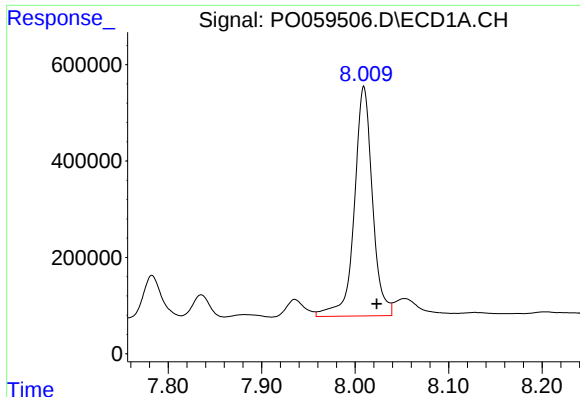
#36 AR-1262-1

R.T.: 7.475 min
Delta R.T.: -0.014 min
Response: 2369339
Conc: 488.23 ng/ml



#36 AR-1262-1

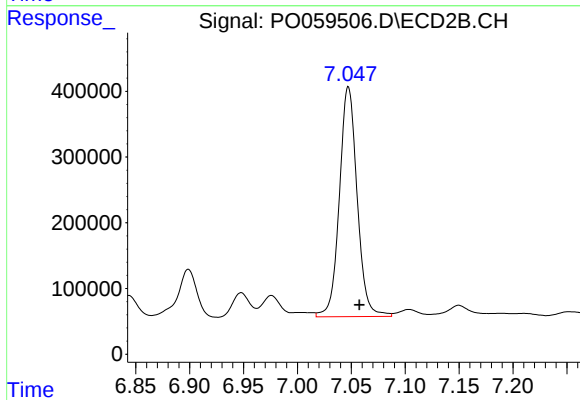
R.T.: 6.549 min
Delta R.T.: -0.009 min
Response: 1894235
Conc: 508.17 ng/ml



#37 AR-1262-2

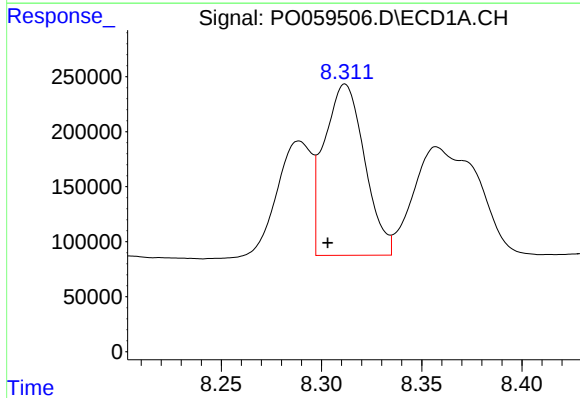
R.T.: 8.009 min
Delta R.T.: -0.014 min
Response: 6413467
Conc: 831.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



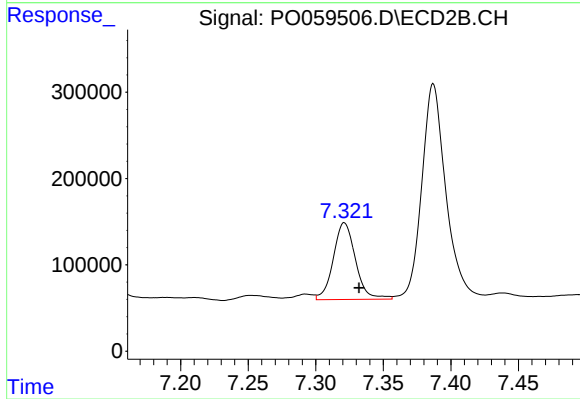
#37 AR-1262-2

R.T.: 7.047 min
Delta R.T.: -0.010 min
Response: 4013139
Conc: 682.62 ng/ml



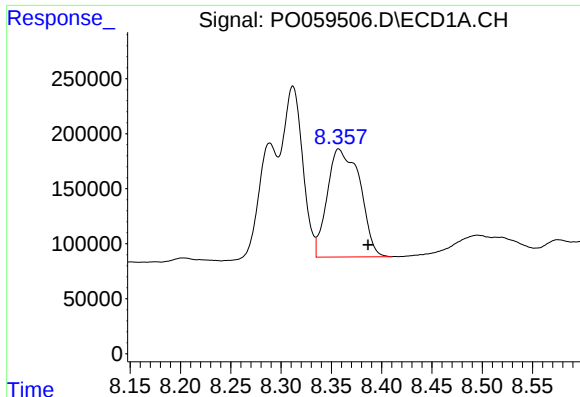
#38 AR-1262-3

R.T.: 8.312 min
Delta R.T.: 0.009 min
Response: 2179125
Conc: 427.09 ng/ml



#38 AR-1262-3

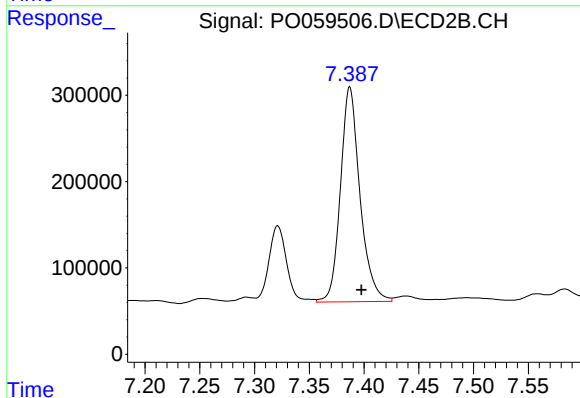
R.T.: 7.321 min
Delta R.T.: -0.011 min
Response: 1019583
Conc: 401.26 ng/ml



#39 AR-1262-4

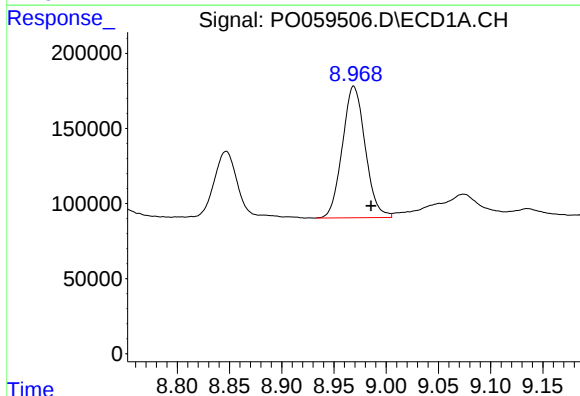
R.T.: 8.357 min
Delta R.T.: -0.029 min
Response: 2218982
Conc: 575.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



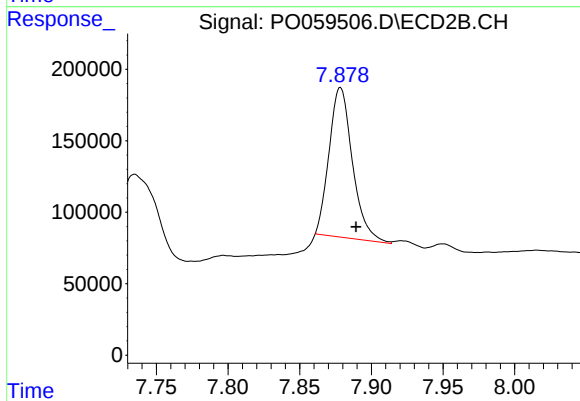
#39 AR-1262-4

R.T.: 7.387 min
Delta R.T.: -0.011 min
Response: 3093486
Conc: 700.05 ng/ml



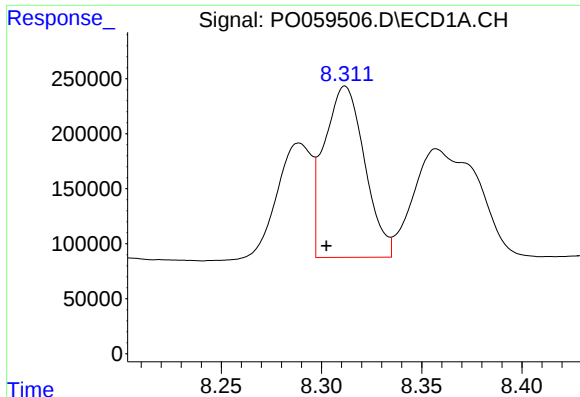
#40 AR-1262-5

R.T.: 8.969 min
Delta R.T.: -0.017 min
Response: 1335578
Conc: 520.38 ng/ml



#40 AR-1262-5

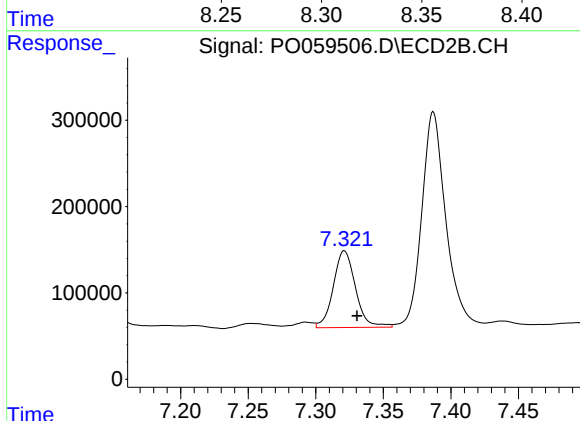
R.T.: 7.878 min
Delta R.T.: -0.011 min
Response: 1187112
Conc: 657.48 ng/ml



#41 AR-1268-1

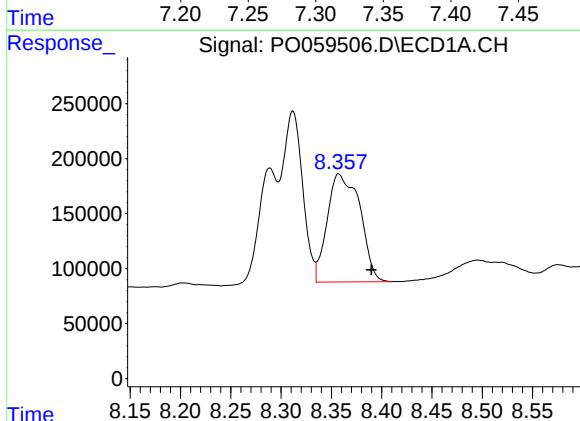
R.T.: 8.312 min
Delta R.T.: 0.009 min
Response: 2179125
Conc: 231.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



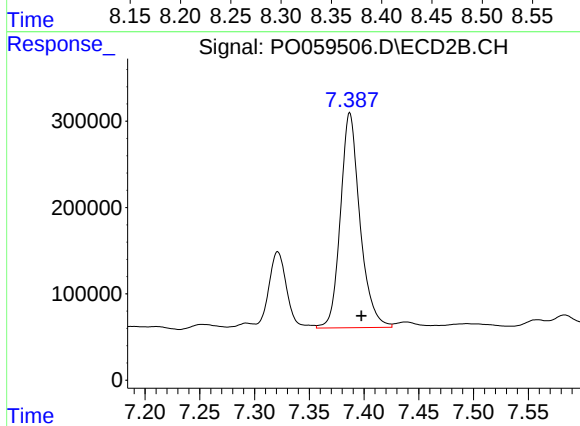
#41 AR-1268-1

R.T.: 7.321 min
Delta R.T.: -0.009 min
Response: 1019583
Conc: 143.18 ng/ml



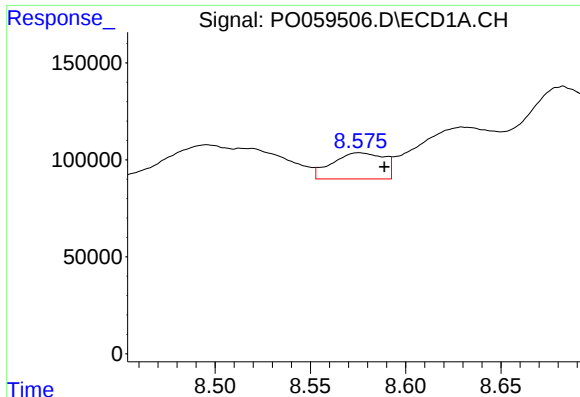
#42 AR-1268-2

R.T.: 8.357 min
Delta R.T.: -0.033 min
Response: 2218982
Conc: 281.50 ng/ml



#42 AR-1268-2

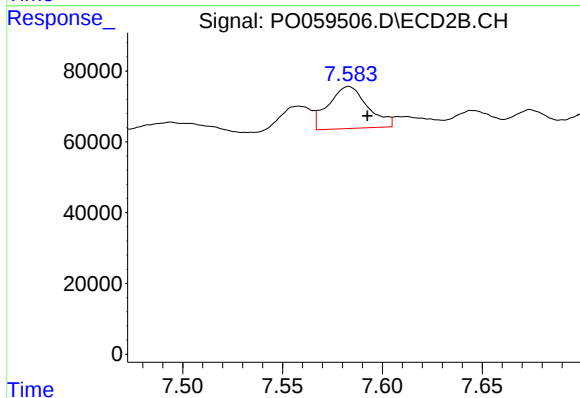
R.T.: 7.387 min
Delta R.T.: -0.010 min
Response: 3093486
Conc: 479.76 ng/ml



#43 AR-1268-3

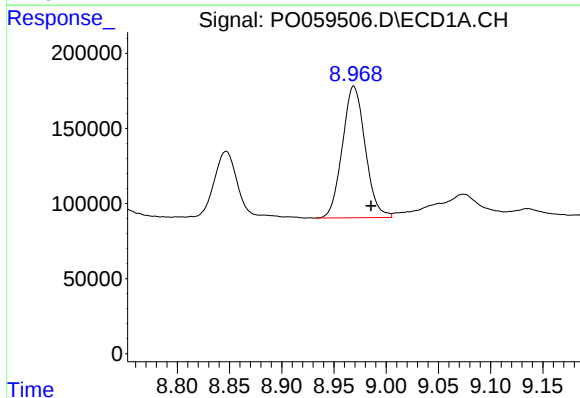
R.T.: 8.575 min
Delta R.T.: -0.014 min
Response: 254557
Conc: 36.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



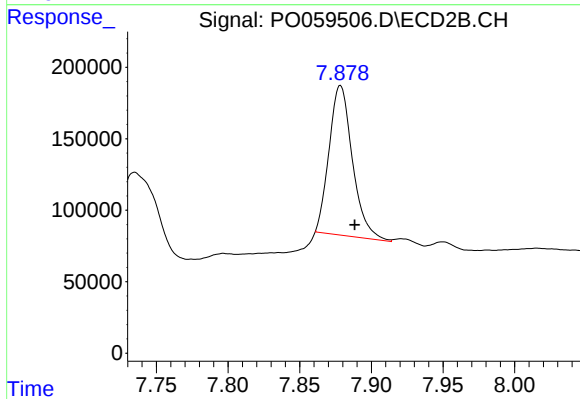
#43 AR-1268-3

R.T.: 7.583 min
Delta R.T.: -0.009 min
Response: 162034
Conc: 29.61 ng/ml



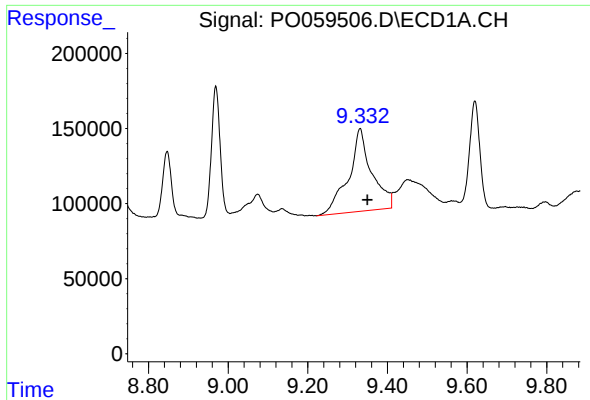
#44 AR-1268-4

R.T.: 8.969 min
Delta R.T.: -0.017 min
Response: 1335578
Conc: 480.42 ng/ml



#44 AR-1268-4

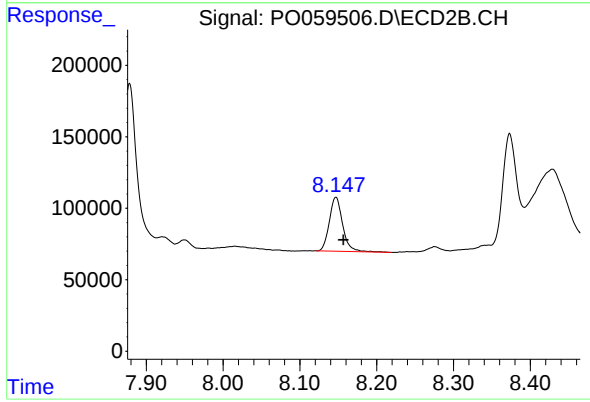
R.T.: 7.878 min
Delta R.T.: -0.010 min
Response: 1187112
Conc: 581.55 ng/ml



#45 AR-1268-5

R.T.: 9.331 min
Delta R.T.: -0.018 min
Response: 2219680
Conc: 120.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.147 min
Delta R.T.: -0.010 min
Response: 452104
Conc: 31.12 ng/ml