

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081919\
 Data File : P0059504.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Aug 2019 5:45
 Operator : SM/AJ
 Sample : K4387-18
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:37:56 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...	4.135	3.504	920877	846129	26.301	23.506
2)	SA Decachlor...	9.617	8.372	874671	786274	16.441	19.500
Target Compounds							
3)	L1 AR-1016-1	5.316	4.558	26754	4644	16.681	3.435 #
4)	L1 AR-1016-2	5.316	4.558	26754	4644	11.183	2.318 #
5)	L1 AR-1016-3	5.397	4.787	11008	9368	7.390	8.659
6)	L1 AR-1016-4	5.437	4.787	10666	9368	8.816	10.375
7)	L1 AR-1016-5	5.799	5.016	32474	-598	25.289	N.D. #
8)	L2 AR-1221-1	0.000	3.698	0	56730	N.D.	141.335 #
9)	L2 AR-1221-2	4.441	3.795	47551	13121	146.405	43.074 #
10)	L2 AR-1221-3	4.512	3.910	105518	36639	100.315	37.446 #
11)	L3 AR-1232-1	4.512	3.910	105518	36639	84.656	32.135 #
12)	L3 AR-1232-2	5.017	4.558	4260	4644	6.031	3.646 #
13)	L3 AR-1232-3	5.316	4.787	26754	9368	17.471	13.758
14)	L3 AR-1232-4	5.437	4.821	10666	2059	13.641	3.376 #
15)	L3 AR-1232-5	5.555	5.016	2655	-598	4.417	N.D. #
16)	L4 AR-1242-1	5.316	4.558	26754	4644	21.074	4.514 #
17)	L4 AR-1242-2	5.316	4.558	26754	4644	14.418	3.049 #
18)	L4 AR-1242-3	5.397	4.787	11008	9368	9.418	11.213
19)	L4 AR-1242-4	5.437	4.821	10666	2059	11.020	2.468 #
20)	L4 AR-1242-5	6.194	5.337	107429	69884	85.492	62.474 #
21)	L5 AR-1248-1	5.316	4.558	26754	4644	26.686	5.608 #
22)	L5 AR-1248-2	5.555	4.787	2655	9368	1.830	8.124 #
23)	L5 AR-1248-3	5.799	4.821	32474	2059	19.539	1.734 #
24)	L5 AR-1248-4	6.194	5.016	107429	-598	52.556	N.D. #
25)	L5 AR-1248-5	6.194	5.360	107429	72037	54.173	50.330
26)	L6 AR-1254-1	6.129	5.337	311606	69884	149.350	29.464 #
27)	L6 AR-1254-2	6.339	5.483	99592	80506	29.852	38.367 #
28)	L6 AR-1254-3	6.706	5.890	134320	242596	37.853	72.147 #
29)	L6 AR-1254-4	6.986	6.106	124139	42100	42.145	20.419 #
30)	L6 AR-1254-5	7.404	6.513	1079771	666300	349.170	214.591 #
31)	L7 AR-1260-1	6.865	6.004	787010	389221	291.937	170.793 #
32)	L7 AR-1260-2	7.120	6.192	730780	567722	196.950	193.770
33)	L7 AR-1260-3	7.475	6.341	934649	469962	285.273	177.402 #
34)	L7 AR-1260-4	7.701	6.804	923928	543963	300.824	240.417
35)	L7 AR-1260-5	8.008	7.047	2599801	1412764	367.157	256.711 #
36)	L8 AR-1262-1	7.475	6.548	934649	633289	192.596	169.894
37)	L8 AR-1262-2	8.008	7.047	2599801	1412764	336.941	240.305 #
38)	L8 AR-1262-3	8.312	7.322	1031598	358140	202.183	140.946 #
39)	L8 AR-1262-4	8.356	7.386	1603811	1316502	416.063	297.922 #
40)	L8 AR-1262-5	8.967	7.878	533971	359008	208.049	198.835
41)	L9 AR-1268-1	8.312	7.322	1031598	358140	109.620	50.294 #

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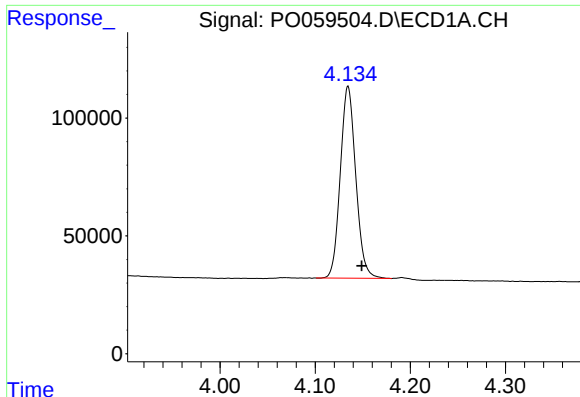
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.356	7.386	1603811	1316502	203.460	204.172
43) L9	AR-1268-3	8.575	7.582	72645	275051	10.306	50.269 #
44) L9	AR-1268-4	8.967	7.878	533971	359008	192.073	175.873
45) L9	AR-1268-5	9.332	8.152	340379	510996	18.457	35.170 #

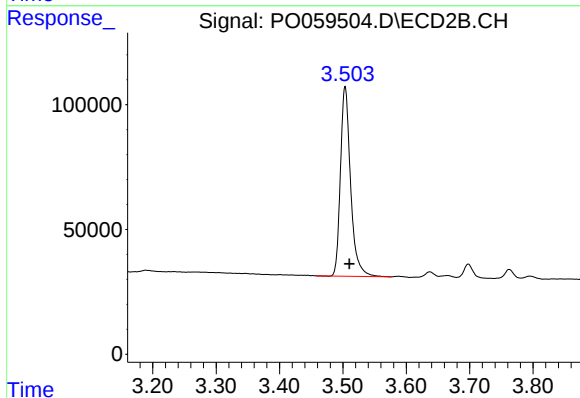
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

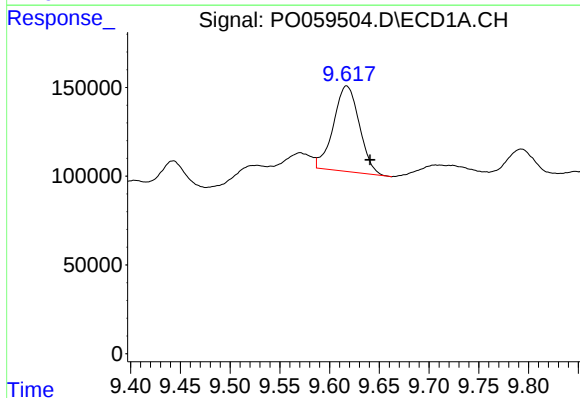
R.T.: 4.135 min
Delta R.T.: -0.014 min
Response: 920877
Conc: 26.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



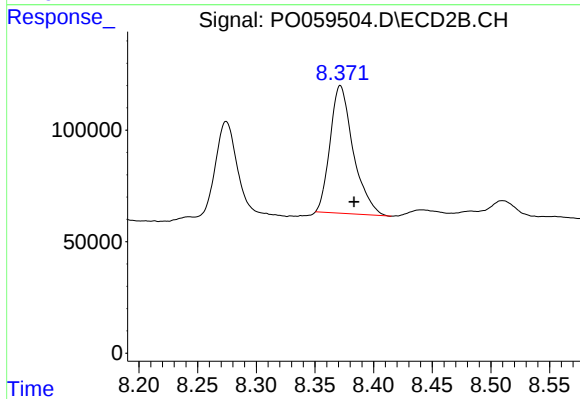
#1 Tetrachloro-m-xylene

R.T.: 3.504 min
Delta R.T.: -0.006 min
Response: 846129
Conc: 23.51 ng/ml



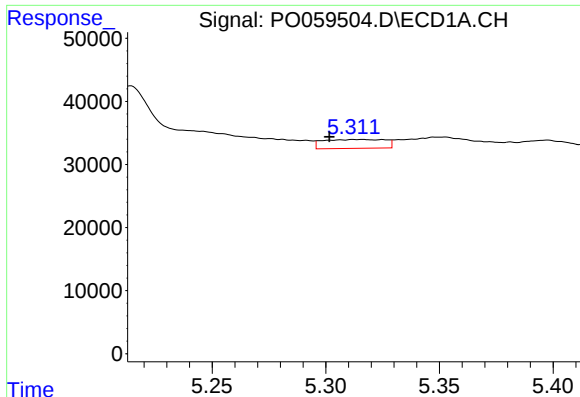
#2 Decachlorobiphenyl

R.T.: 9.617 min
Delta R.T.: -0.024 min
Response: 874671
Conc: 16.44 ng/ml



#2 Decachlorobiphenyl

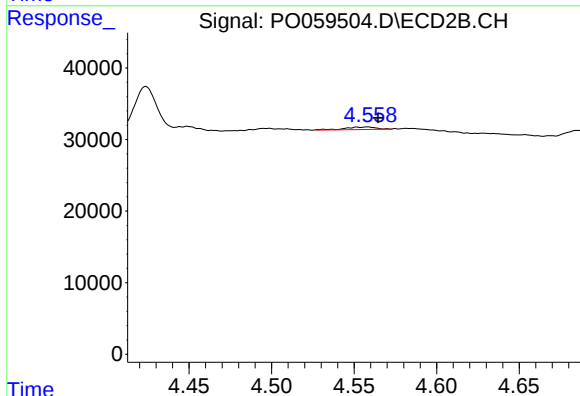
R.T.: 8.372 min
Delta R.T.: -0.012 min
Response: 786274
Conc: 19.50 ng/ml



#3 AR-1016-1

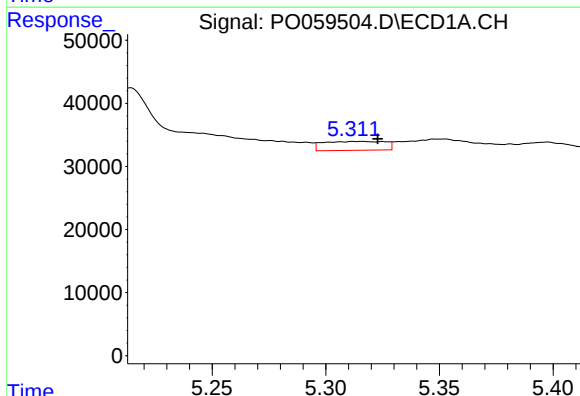
R.T.: 5.316 min
Delta R.T.: 0.014 min
Response: 26754
Conc: 16.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



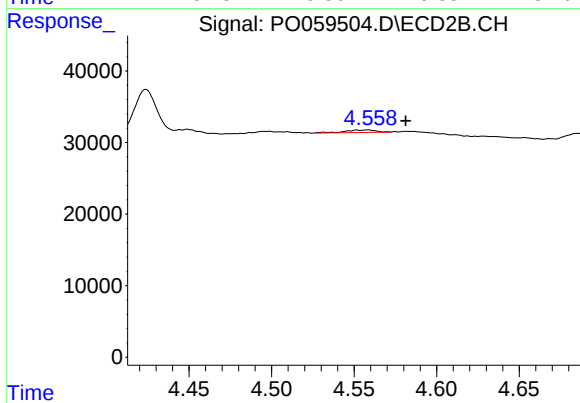
#3 AR-1016-1

R.T.: 4.558 min
Delta R.T.: -0.006 min
Response: 4644
Conc: 3.43 ng/ml



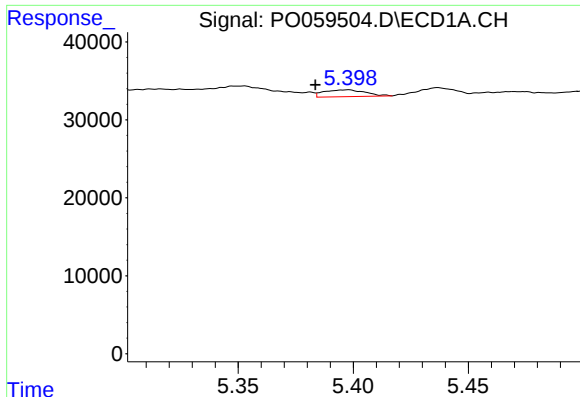
#4 AR-1016-2

R.T.: 5.316 min
Delta R.T.: -0.007 min
Response: 26754
Conc: 11.18 ng/ml



#4 AR-1016-2

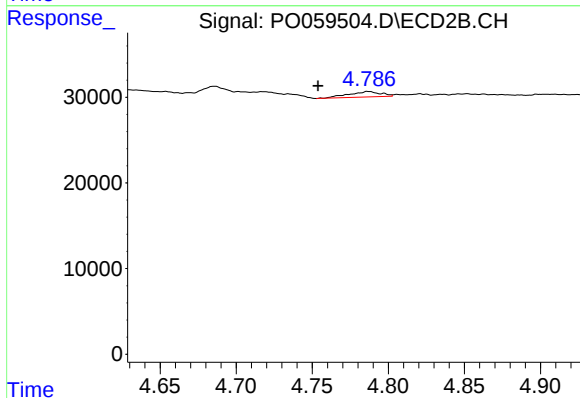
R.T.: 4.558 min
Delta R.T.: -0.023 min
Response: 4644
Conc: 2.32 ng/ml



#5 AR-1016-3

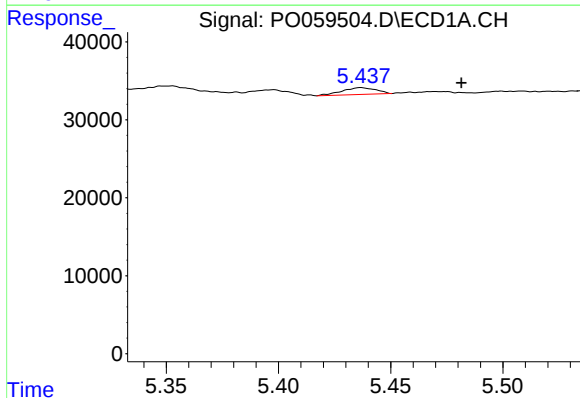
R.T.: 5.397 min
Delta R.T.: 0.014 min
Response: 11008
Conc: 7.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



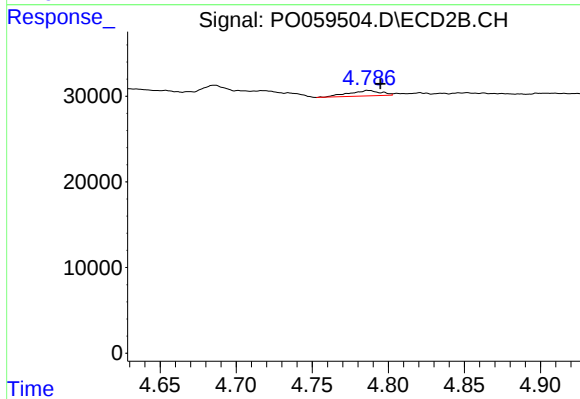
#5 AR-1016-3

R.T.: 4.787 min
Delta R.T.: 0.033 min
Response: 9368
Conc: 8.66 ng/ml



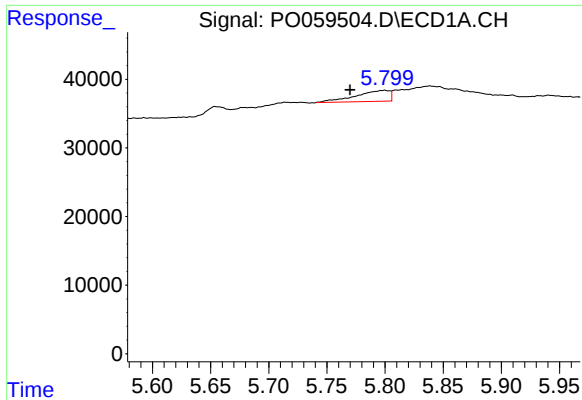
#6 AR-1016-4

R.T.: 5.437 min
Delta R.T.: -0.045 min
Response: 10666
Conc: 8.82 ng/ml



#6 AR-1016-4

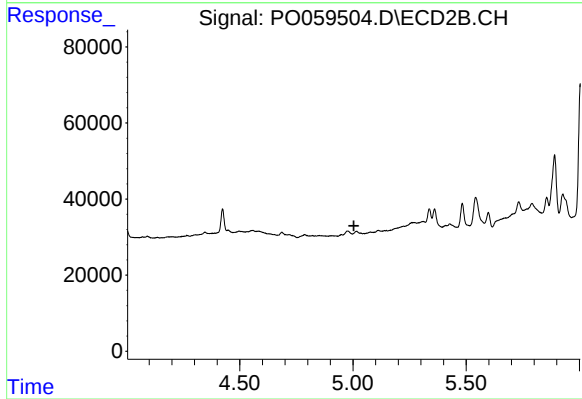
R.T.: 4.787 min
Delta R.T.: -0.008 min
Response: 9368
Conc: 10.37 ng/ml



#7 AR-1016-5

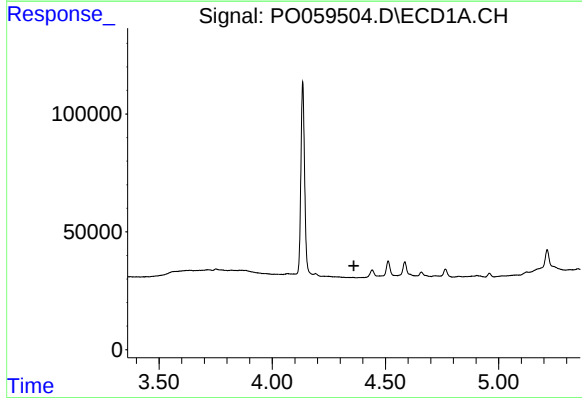
R.T.: 5.799 min
Delta R.T.: 0.029 min
Response: 32474
Conc: 25.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



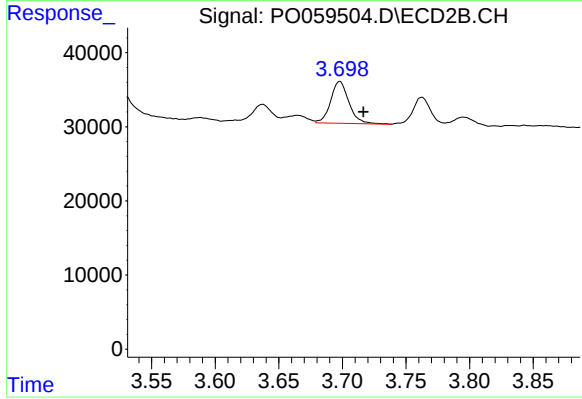
#7 AR-1016-5

R.T.: 5.016 min
Delta R.T.: 0.012 min
Response: -598
Conc: N.D.



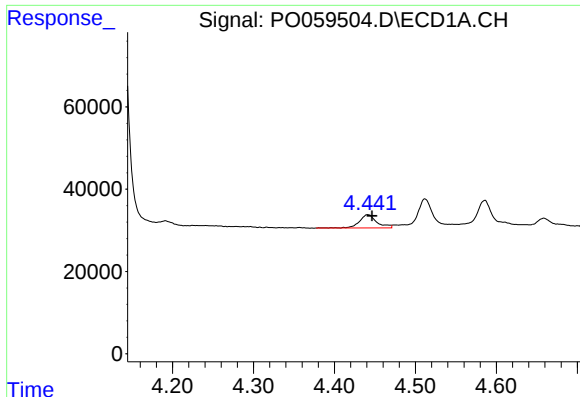
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.360 min
Response: 0
Conc: N.D.



#8 AR-1221-1

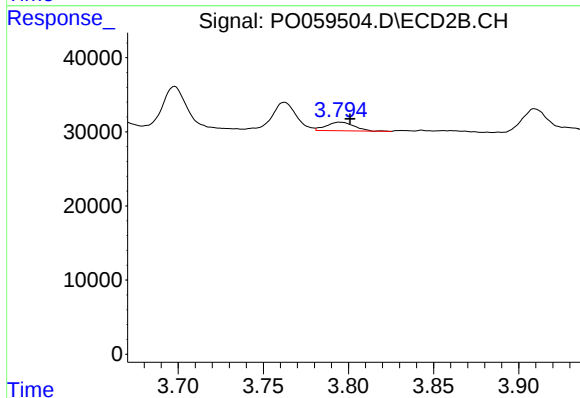
R.T.: 3.698 min
Delta R.T.: -0.019 min
Response: 56730
Conc: 141.33 ng/ml



#9 AR-1221-2

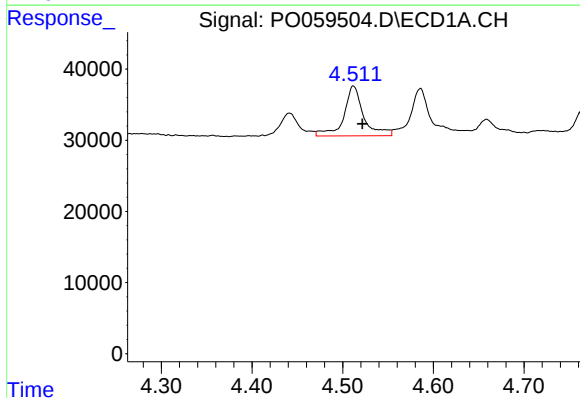
R.T.: 4.441 min
Delta R.T.: -0.005 min
Response: 47551
Conc: 146.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



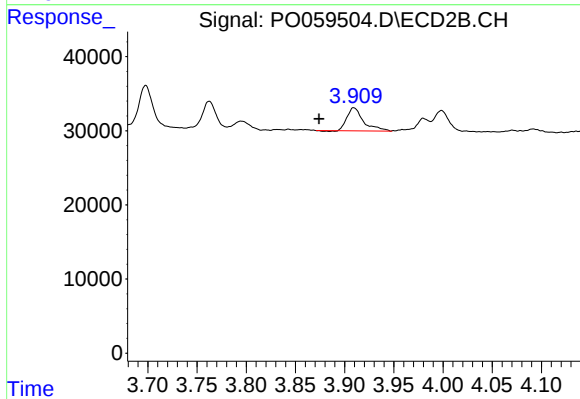
#9 AR-1221-2

R.T.: 3.795 min
Delta R.T.: -0.006 min
Response: 13121
Conc: 43.07 ng/ml



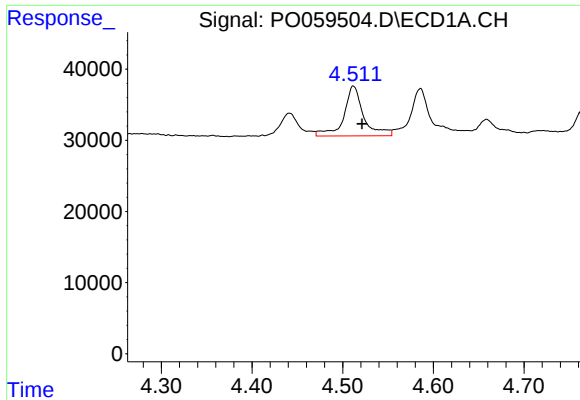
#10 AR-1221-3

R.T.: 4.512 min
Delta R.T.: -0.010 min
Response: 105518
Conc: 100.32 ng/ml



#10 AR-1221-3

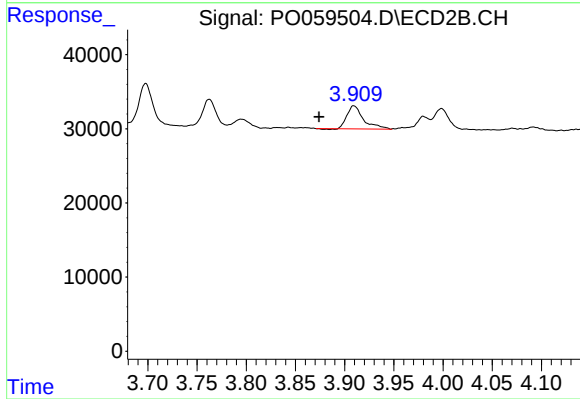
R.T.: 3.910 min
Delta R.T.: 0.035 min
Response: 36639
Conc: 37.45 ng/ml



#11 AR-1232-1

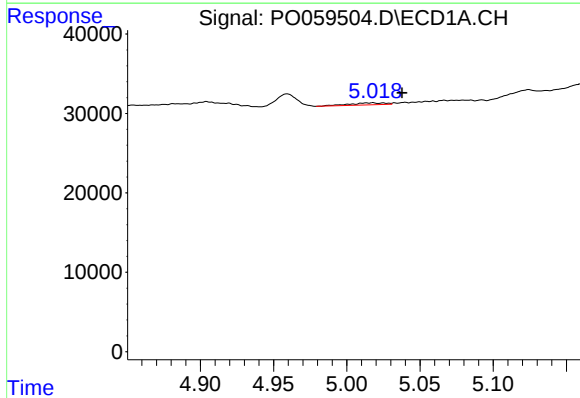
R.T.: 4.512 min
Delta R.T.: -0.009 min
Response: 105518
Conc: 84.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



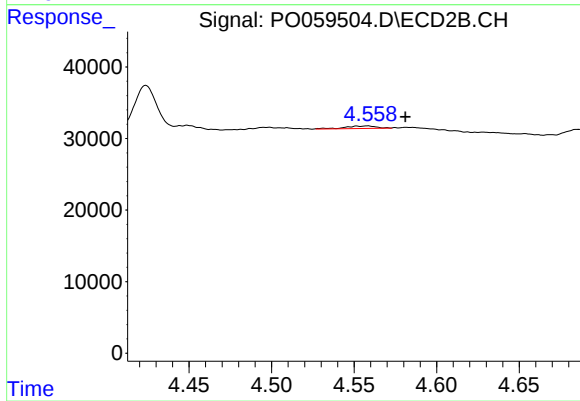
#11 AR-1232-1

R.T.: 3.910 min
Delta R.T.: 0.036 min
Response: 36639
Conc: 32.14 ng/ml



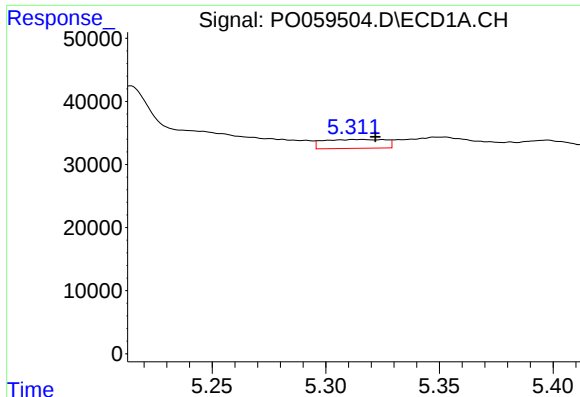
#12 AR-1232-2

R.T.: 5.017 min
Delta R.T.: -0.020 min
Response: 4260
Conc: 6.03 ng/ml



#12 AR-1232-2

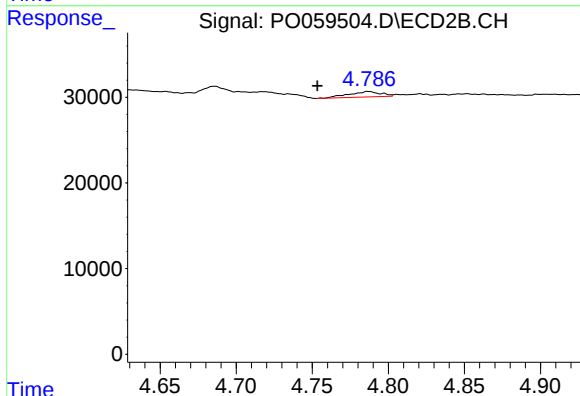
R.T.: 4.558 min
Delta R.T.: -0.023 min
Response: 4644
Conc: 3.65 ng/ml



#13 AR-1232-3

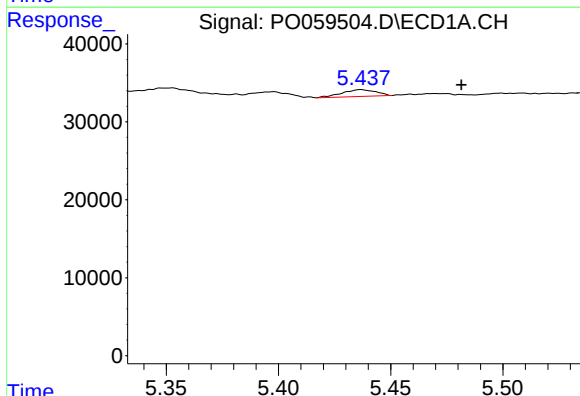
R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 26754
Conc: 17.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



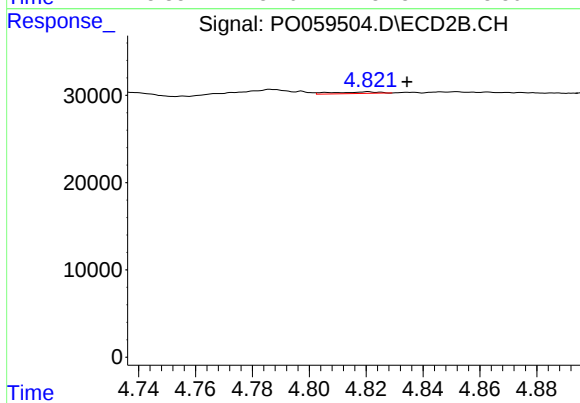
#13 AR-1232-3

R.T.: 4.787 min
Delta R.T.: 0.034 min
Response: 9368
Conc: 13.76 ng/ml



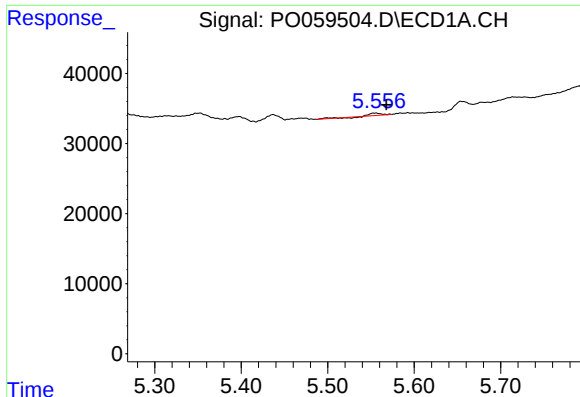
#14 AR-1232-4

R.T.: 5.437 min
Delta R.T.: -0.045 min
Response: 10666
Conc: 13.64 ng/ml



#14 AR-1232-4

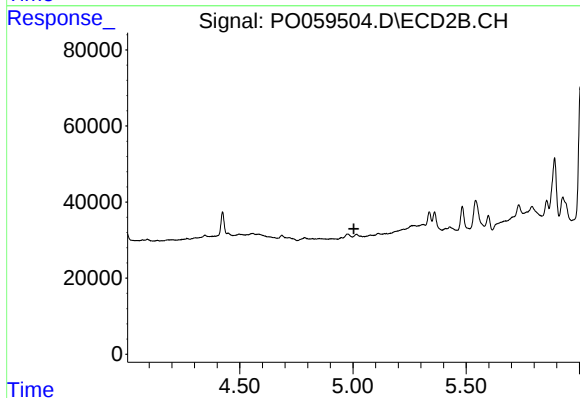
R.T.: 4.821 min
Delta R.T.: -0.014 min
Response: 2059
Conc: 3.38 ng/ml



#15 AR-1232-5

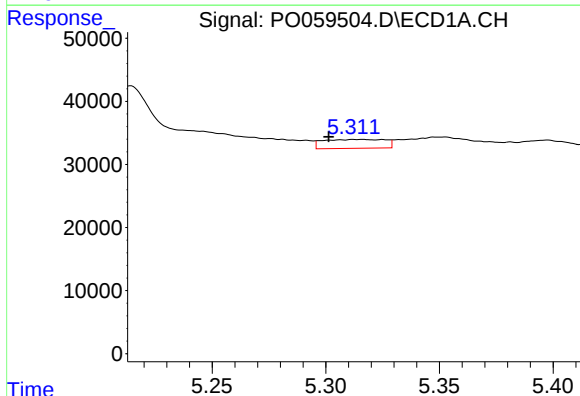
R.T.: 5.555 min
Delta R.T.: -0.013 min
Response: 2655
Conc: 4.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



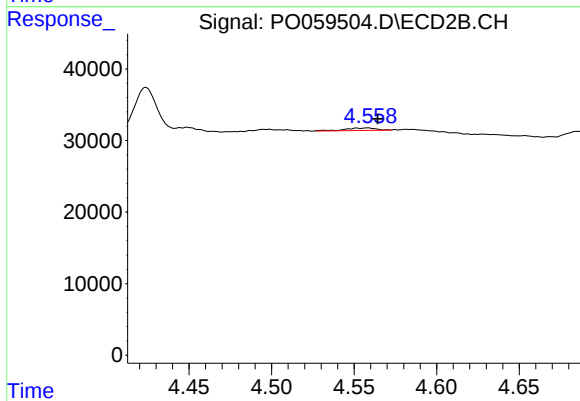
#15 AR-1232-5

R.T.: 5.016 min
Delta R.T.: 0.012 min
Response: -598
Conc: N.D.



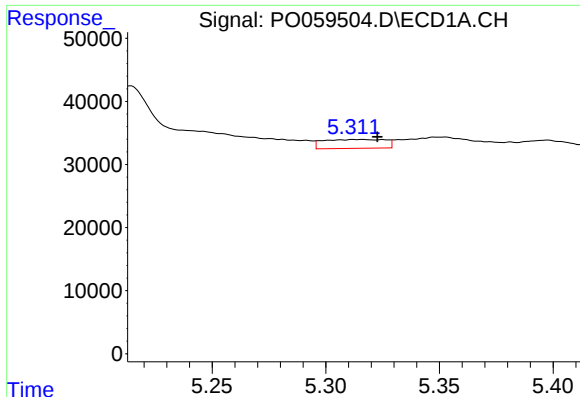
#16 AR-1242-1

R.T.: 5.316 min
Delta R.T.: 0.015 min
Response: 26754
Conc: 21.07 ng/ml



#16 AR-1242-1

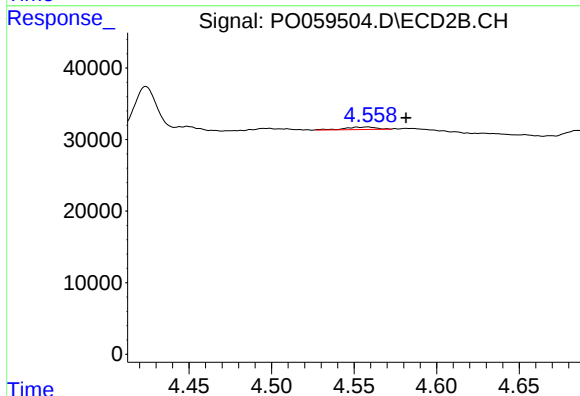
R.T.: 4.558 min
Delta R.T.: -0.006 min
Response: 4644
Conc: 4.51 ng/ml



#17 AR-1242-2

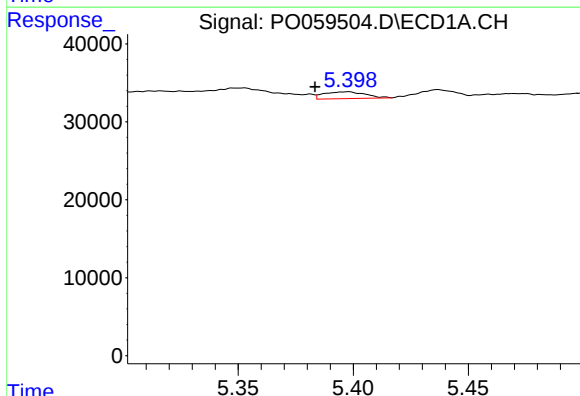
R.T.: 5.316 min
Delta R.T.: -0.007 min
Response: 26754
Conc: 14.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



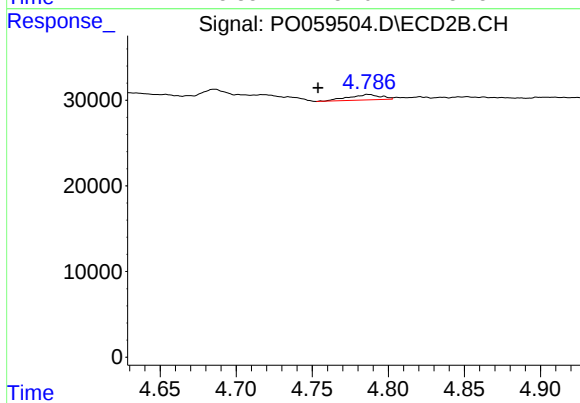
#17 AR-1242-2

R.T.: 4.558 min
Delta R.T.: -0.023 min
Response: 4644
Conc: 3.05 ng/ml



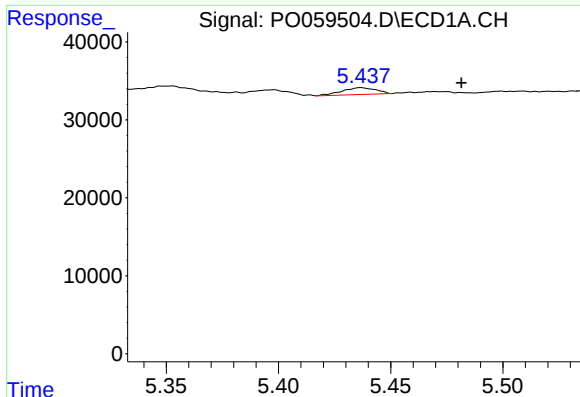
#18 AR-1242-3

R.T.: 5.397 min
Delta R.T.: 0.014 min
Response: 11008
Conc: 9.42 ng/ml



#18 AR-1242-3

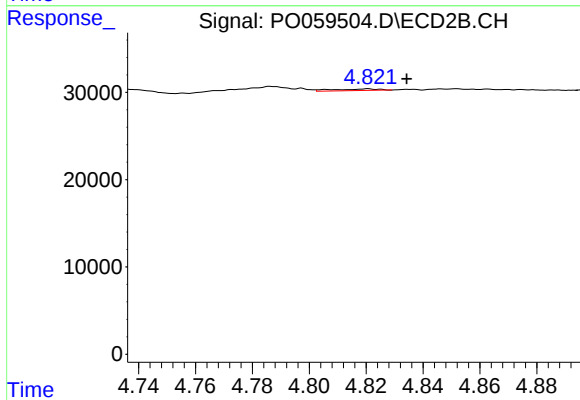
R.T.: 4.787 min
Delta R.T.: 0.033 min
Response: 9368
Conc: 11.21 ng/ml



#19 AR-1242-4

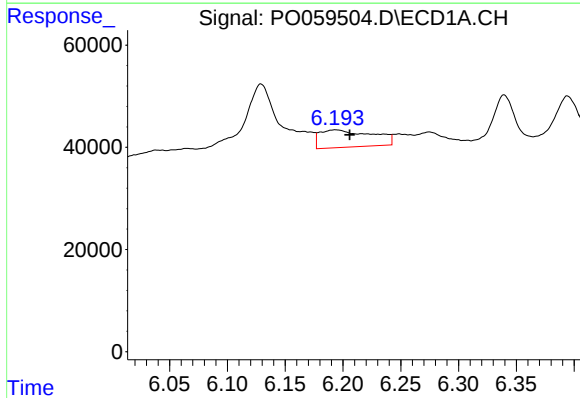
R.T.: 5.437 min
Delta R.T.: -0.045 min
Response: 10666
Conc: 11.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



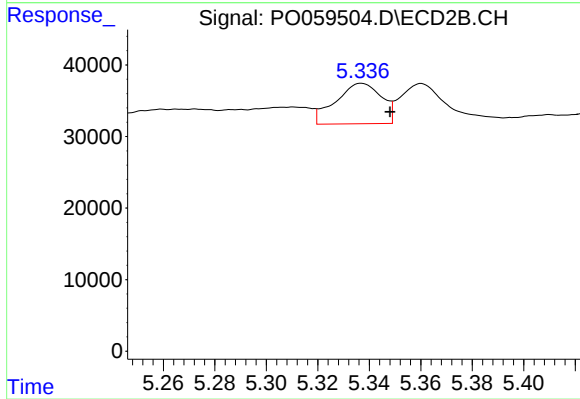
#19 AR-1242-4

R.T.: 4.821 min
Delta R.T.: -0.014 min
Response: 2059
Conc: 2.47 ng/ml



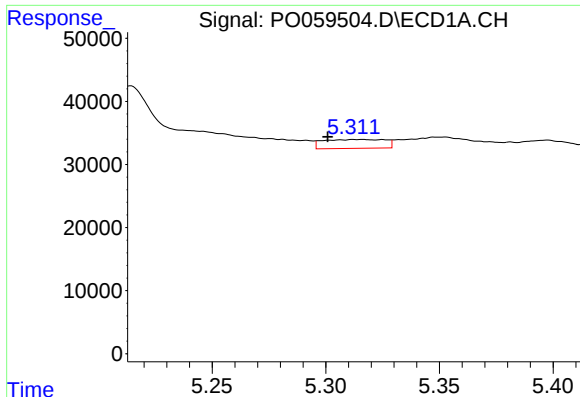
#20 AR-1242-5

R.T.: 6.194 min
Delta R.T.: -0.012 min
Response: 107429
Conc: 85.49 ng/ml



#20 AR-1242-5

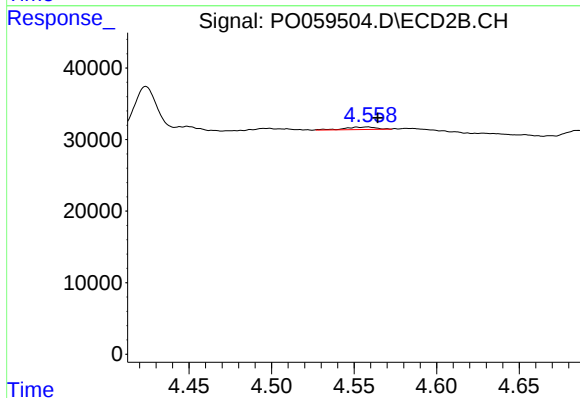
R.T.: 5.337 min
Delta R.T.: -0.011 min
Response: 69884
Conc: 62.47 ng/ml



#21 AR-1248-1

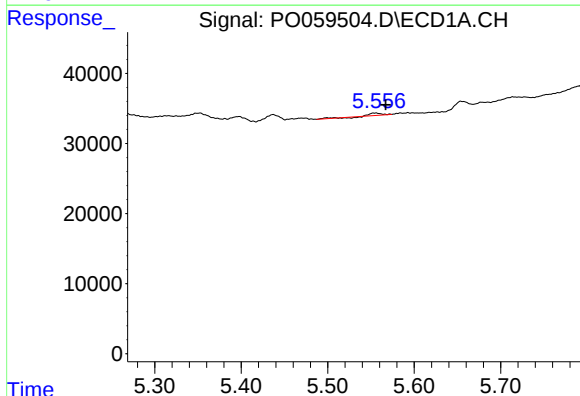
R.T.: 5.316 min
Delta R.T.: 0.015 min
Response: 26754
Conc: 26.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



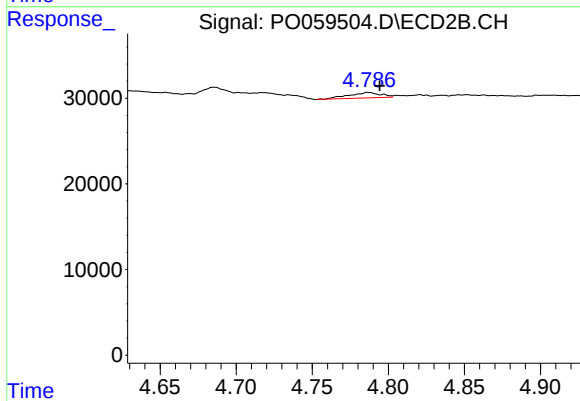
#21 AR-1248-1

R.T.: 4.558 min
Delta R.T.: -0.006 min
Response: 4644
Conc: 5.61 ng/ml



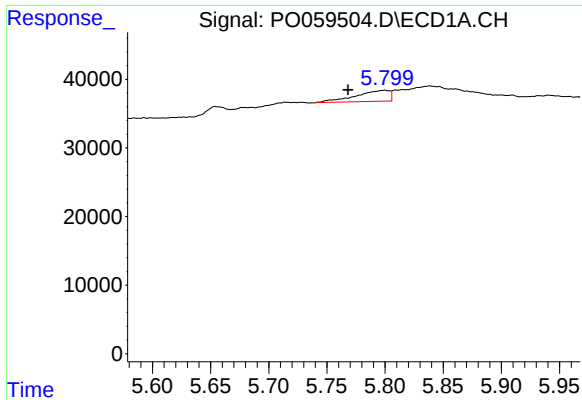
#22 AR-1248-2

R.T.: 5.555 min
Delta R.T.: -0.012 min
Response: 2655
Conc: 1.83 ng/ml



#22 AR-1248-2

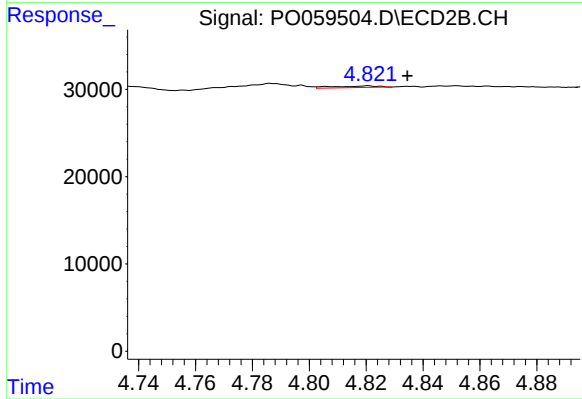
R.T.: 4.787 min
Delta R.T.: -0.007 min
Response: 9368
Conc: 8.12 ng/ml



#23 AR-1248-3

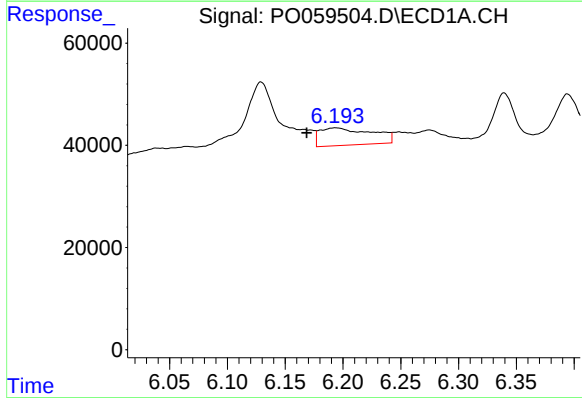
R.T.: 5.799 min
Delta R.T.: 0.031 min
Response: 32474
Conc: 19.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



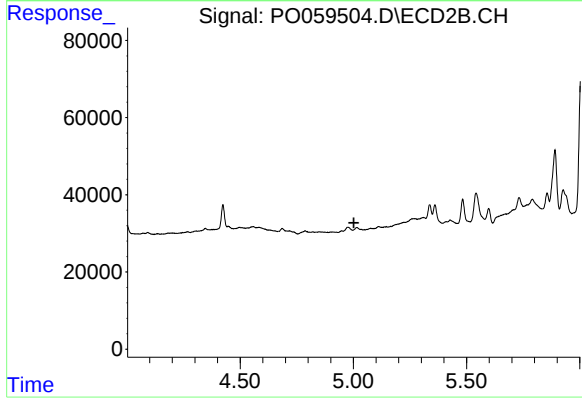
#23 AR-1248-3

R.T.: 4.821 min
Delta R.T.: -0.014 min
Response: 2059
Conc: 1.73 ng/ml



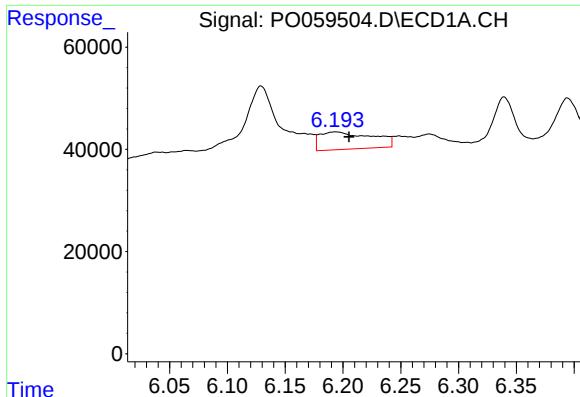
#24 AR-1248-4

R.T.: 6.194 min
Delta R.T.: 0.025 min
Response: 107429
Conc: 52.56 ng/ml



#24 AR-1248-4

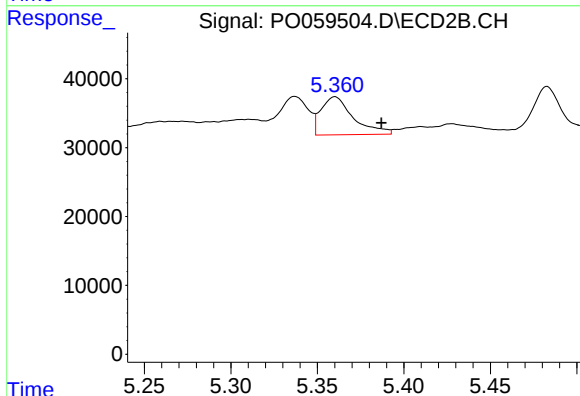
R.T.: 5.016 min
Delta R.T.: 0.013 min
Response: -598
Conc: N.D.



#25 AR-1248-5

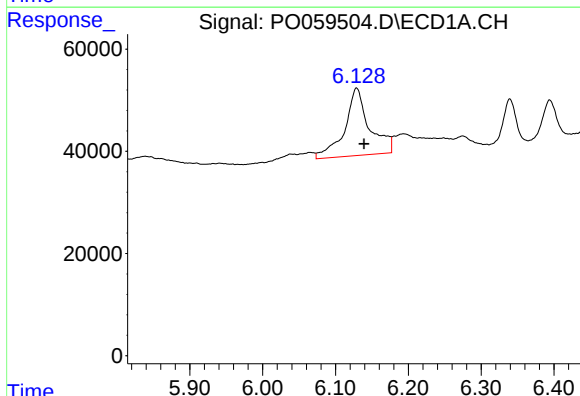
R.T.: 6.194 min
Delta R.T.: -0.011 min
Response: 107429
Conc: 54.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



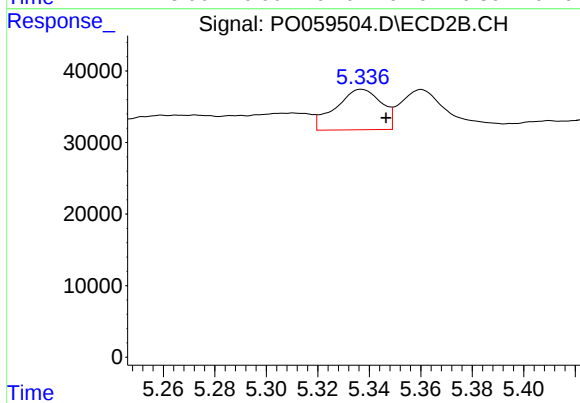
#25 AR-1248-5

R.T.: 5.360 min
Delta R.T.: -0.027 min
Response: 72037
Conc: 50.33 ng/ml



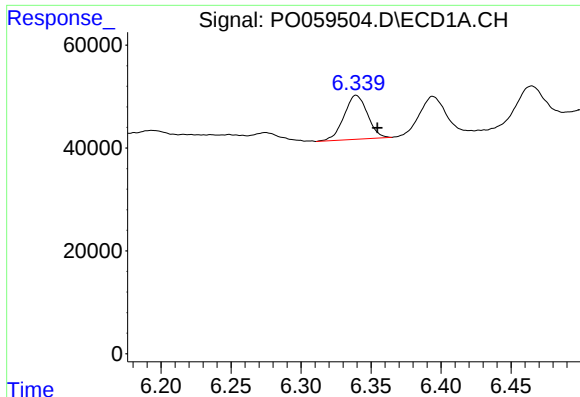
#26 AR-1254-1

R.T.: 6.129 min
Delta R.T.: -0.010 min
Response: 311606
Conc: 149.35 ng/ml



#26 AR-1254-1

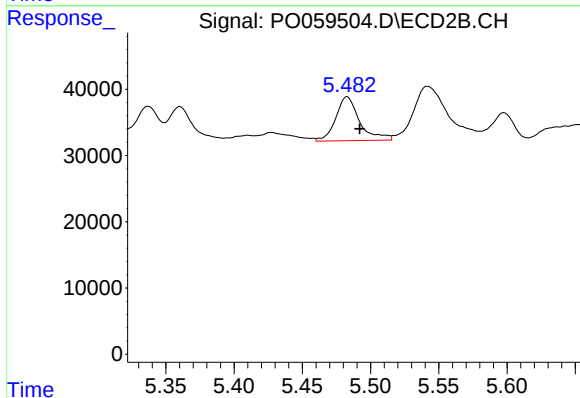
R.T.: 5.337 min
Delta R.T.: -0.009 min
Response: 69884
Conc: 29.46 ng/ml



#27 AR-1254-2

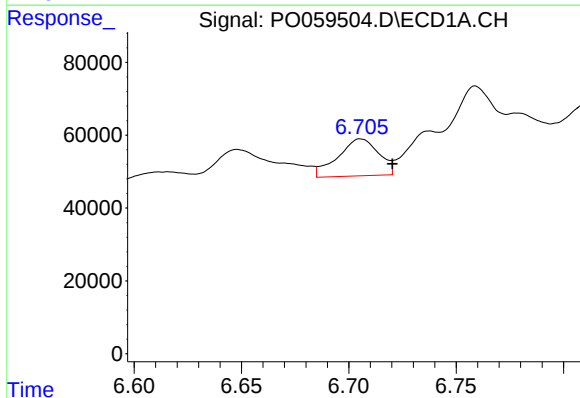
R.T.: 6.339 min
Delta R.T.: -0.015 min
Response: 99592
Conc: 29.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



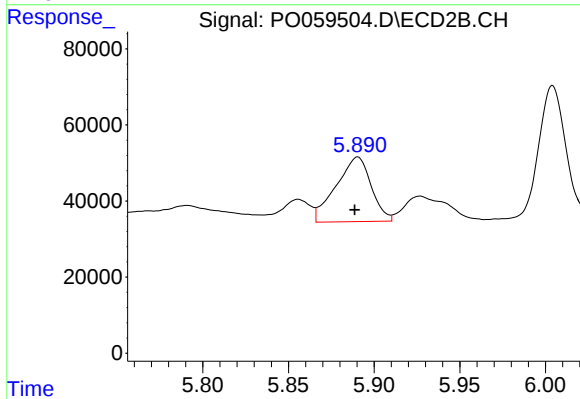
#27 AR-1254-2

R.T.: 5.483 min
Delta R.T.: -0.009 min
Response: 80506
Conc: 38.37 ng/ml



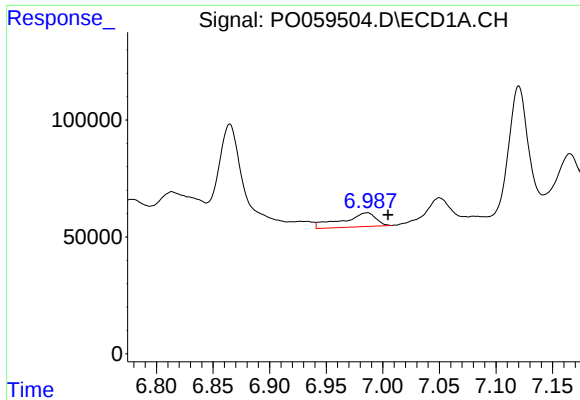
#28 AR-1254-3

R.T.: 6.706 min
Delta R.T.: -0.015 min
Response: 134320
Conc: 37.85 ng/ml



#28 AR-1254-3

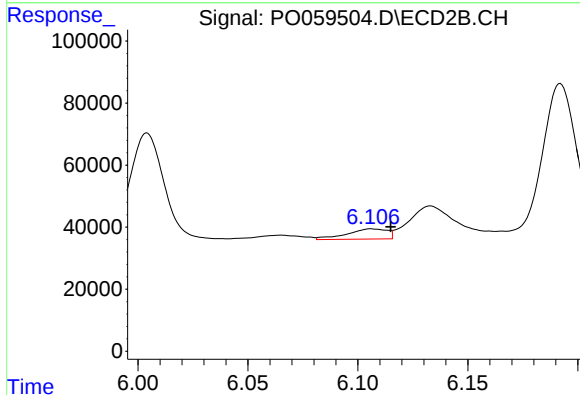
R.T.: 5.890 min
Delta R.T.: 0.002 min
Response: 242596
Conc: 72.15 ng/ml



#29 AR-1254-4

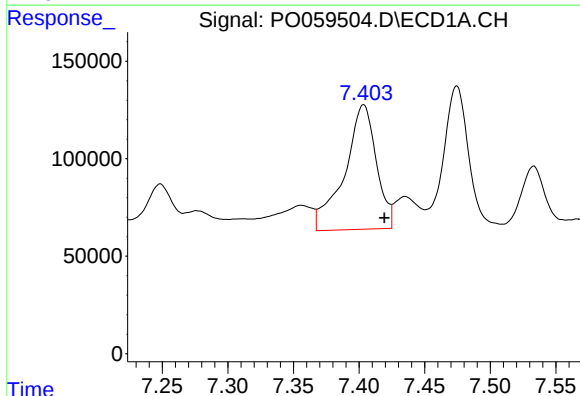
R.T.: 6.986 min
Delta R.T.: -0.018 min
Response: 124139
Conc: 42.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



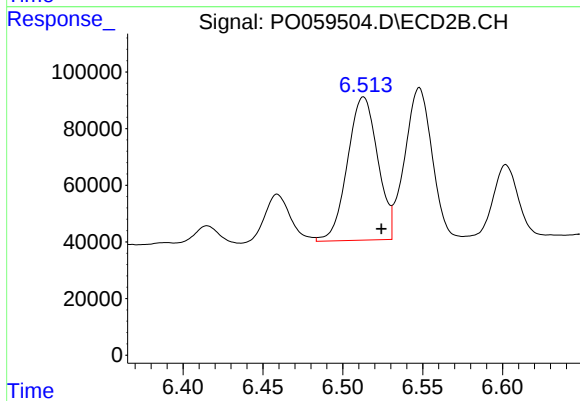
#29 AR-1254-4

R.T.: 6.106 min
Delta R.T.: -0.009 min
Response: 42100
Conc: 20.42 ng/ml



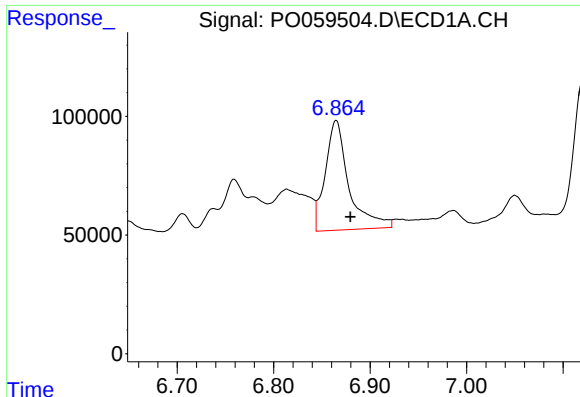
#30 AR-1254-5

R.T.: 7.404 min
Delta R.T.: -0.016 min
Response: 1079771
Conc: 349.17 ng/ml



#30 AR-1254-5

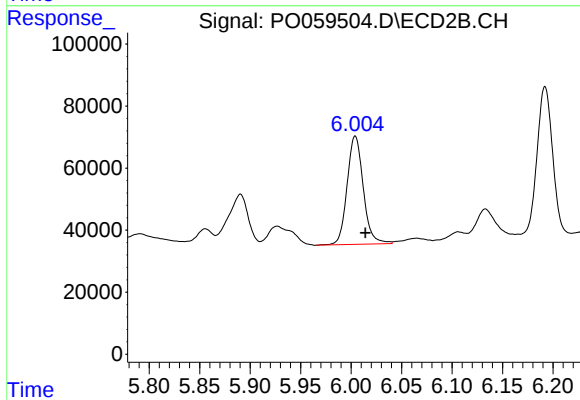
R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 666300
Conc: 214.59 ng/ml



#31 AR-1260-1

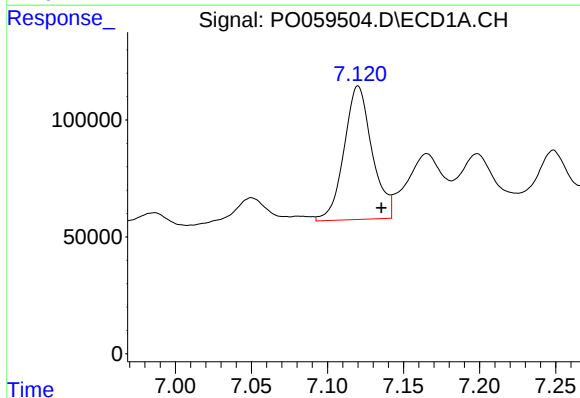
R.T.: 6.865 min
Delta R.T.: -0.015 min
Response: 787010
Conc: 291.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



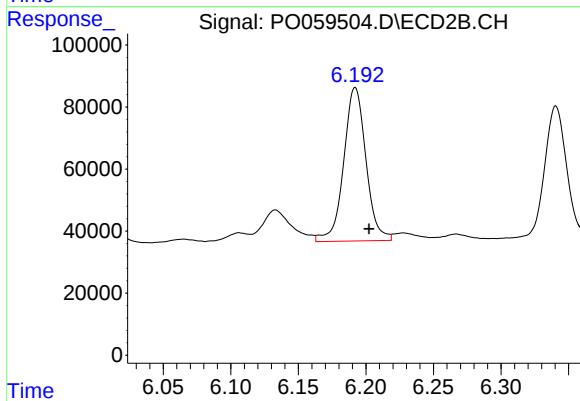
#31 AR-1260-1

R.T.: 6.004 min
Delta R.T.: -0.010 min
Response: 389221
Conc: 170.79 ng/ml



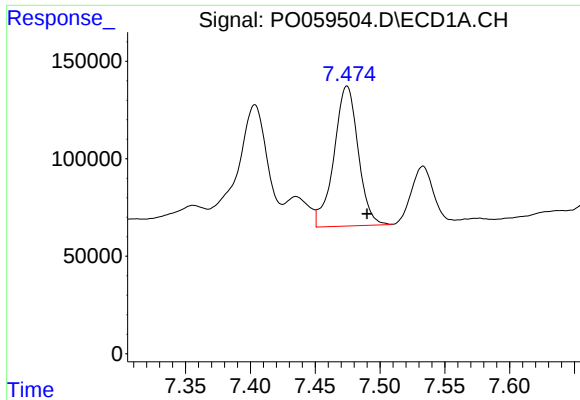
#32 AR-1260-2

R.T.: 7.120 min
Delta R.T.: -0.015 min
Response: 730780
Conc: 196.95 ng/ml



#32 AR-1260-2

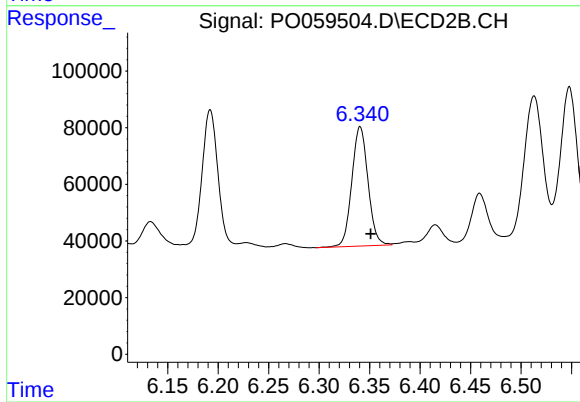
R.T.: 6.192 min
Delta R.T.: -0.010 min
Response: 567722
Conc: 193.77 ng/ml



#33 AR-1260-3

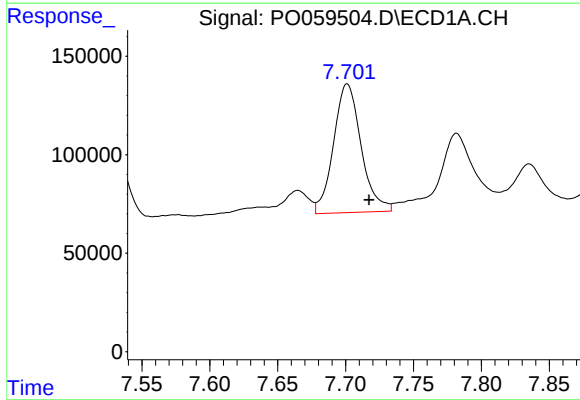
R.T.: 7.475 min
Delta R.T.: -0.015 min
Response: 934649
Conc: 285.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



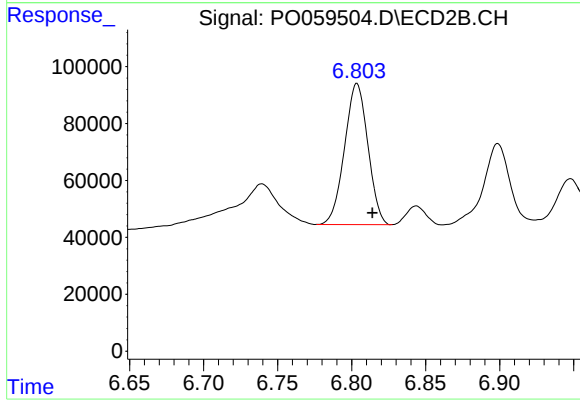
#33 AR-1260-3

R.T.: 6.341 min
Delta R.T.: -0.010 min
Response: 469962
Conc: 177.40 ng/ml



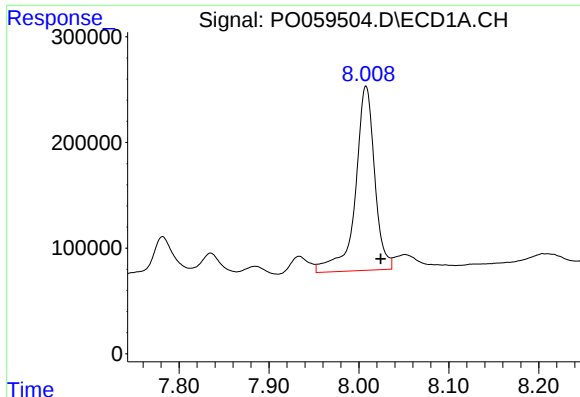
#34 AR-1260-4

R.T.: 7.701 min
Delta R.T.: -0.016 min
Response: 923928
Conc: 300.82 ng/ml



#34 AR-1260-4

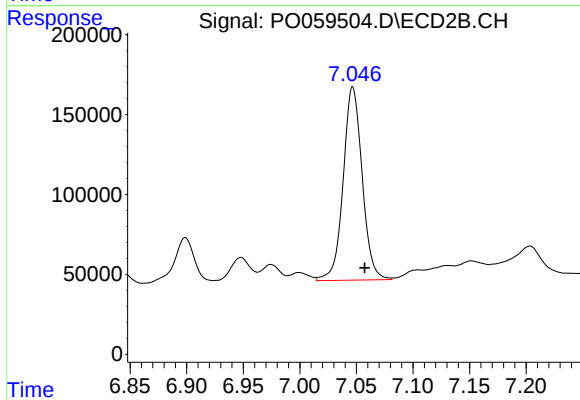
R.T.: 6.804 min
Delta R.T.: -0.010 min
Response: 543963
Conc: 240.42 ng/ml



#35 AR-1260-5

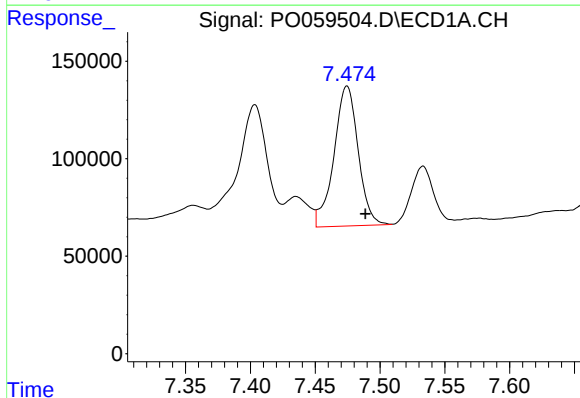
R.T.: 8.008 min
Delta R.T.: -0.016 min
Response: 2599801
Conc: 367.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



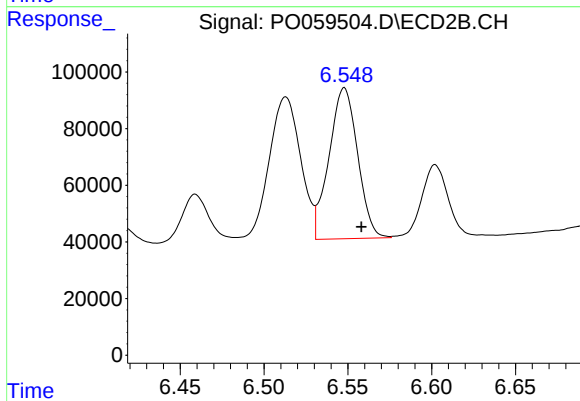
#35 AR-1260-5

R.T.: 7.047 min
Delta R.T.: -0.011 min
Response: 1412764
Conc: 256.71 ng/ml



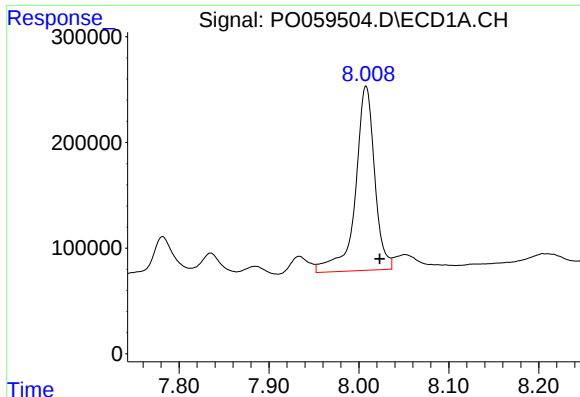
#36 AR-1262-1

R.T.: 7.475 min
Delta R.T.: -0.014 min
Response: 934649
Conc: 192.60 ng/ml



#36 AR-1262-1

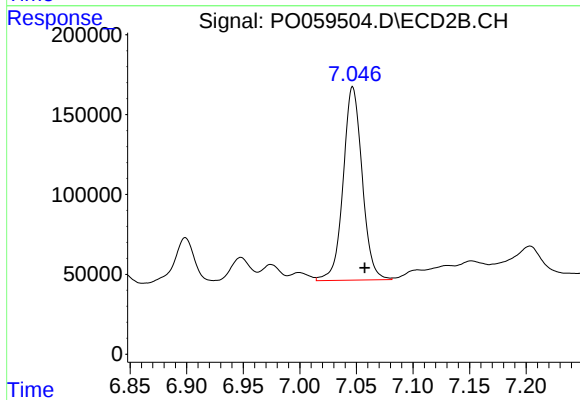
R.T.: 6.548 min
Delta R.T.: -0.010 min
Response: 633289
Conc: 169.89 ng/ml



#37 AR-1262-2

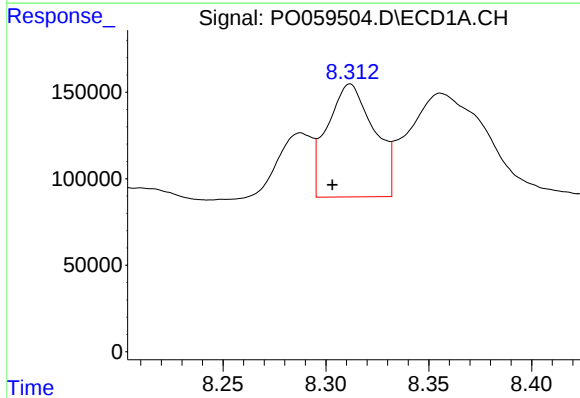
R.T.: 8.008 min
Delta R.T.: -0.015 min
Response: 2599801
Conc: 336.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



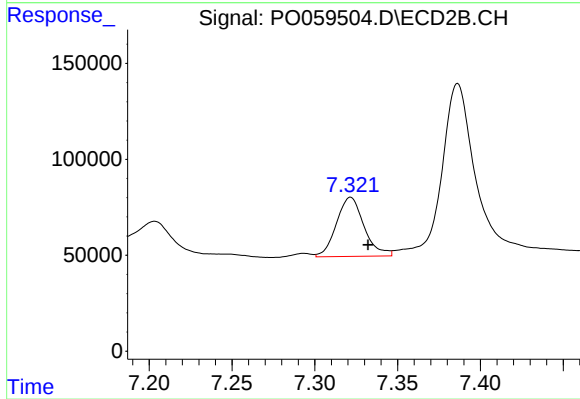
#37 AR-1262-2

R.T.: 7.047 min
Delta R.T.: -0.011 min
Response: 1412764
Conc: 240.30 ng/ml



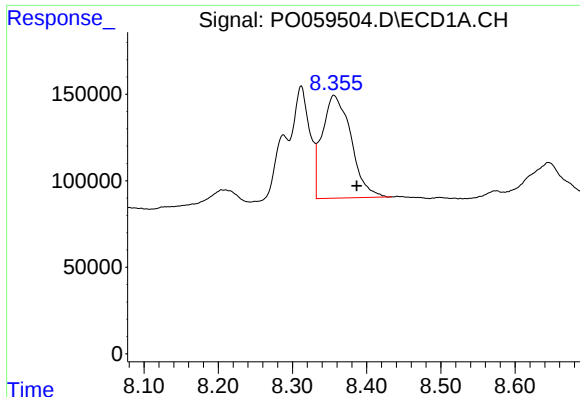
#38 AR-1262-3

R.T.: 8.312 min
Delta R.T.: 0.009 min
Response: 1031598
Conc: 202.18 ng/ml



#38 AR-1262-3

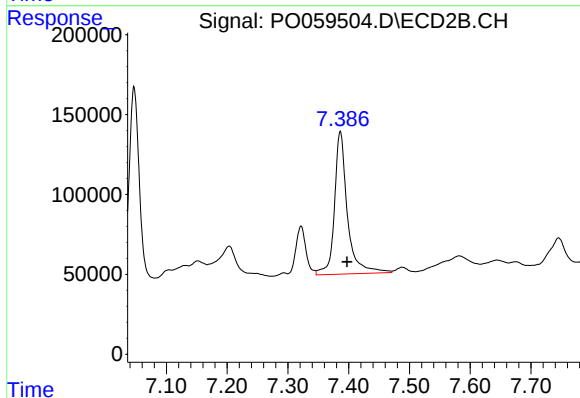
R.T.: 7.322 min
Delta R.T.: -0.010 min
Response: 358140
Conc: 140.95 ng/ml



#39 AR-1262-4

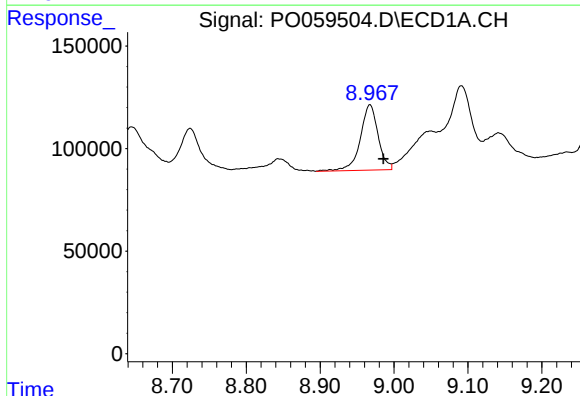
R.T.: 8.356 min
Delta R.T.: -0.030 min
Response: 1603811
Conc: 416.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



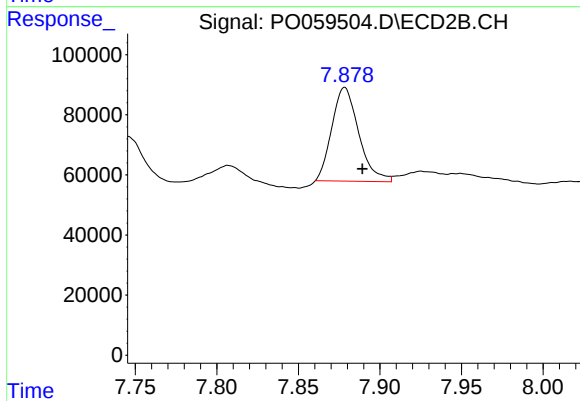
#39 AR-1262-4

R.T.: 7.386 min
Delta R.T.: -0.011 min
Response: 1316502
Conc: 297.92 ng/ml



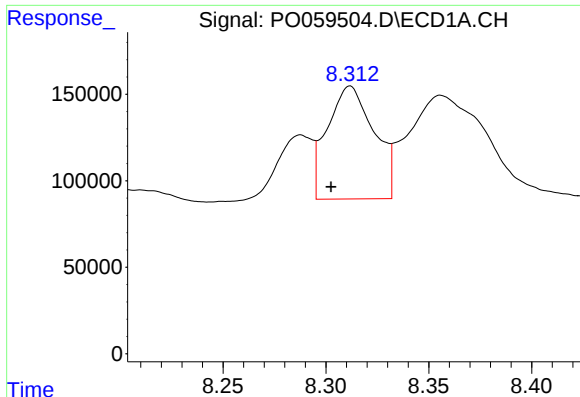
#40 AR-1262-5

R.T.: 8.967 min
Delta R.T.: -0.018 min
Response: 533971
Conc: 208.05 ng/ml



#40 AR-1262-5

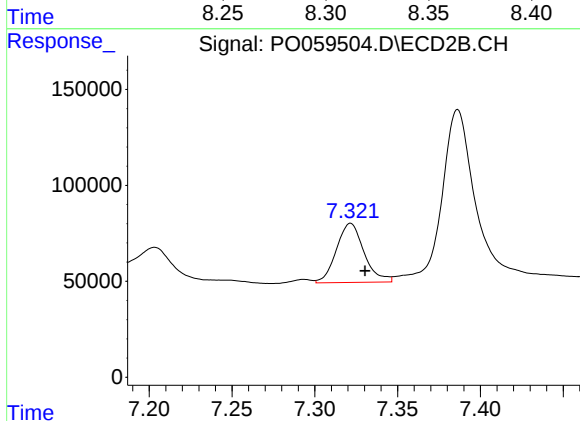
R.T.: 7.878 min
Delta R.T.: -0.011 min
Response: 359008
Conc: 198.83 ng/ml



#41 AR-1268-1

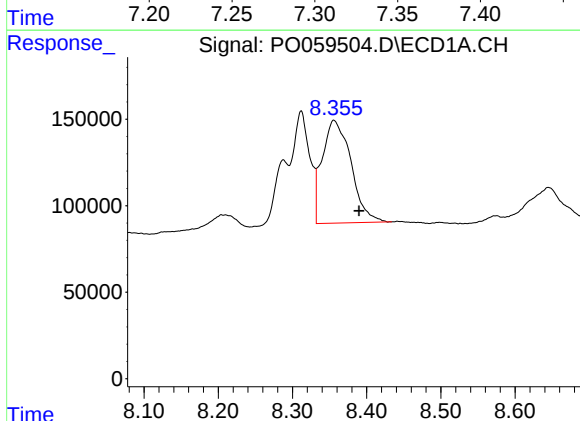
R.T.: 8.312 min
Delta R.T.: 0.009 min
Response: 1031598
Conc: 109.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



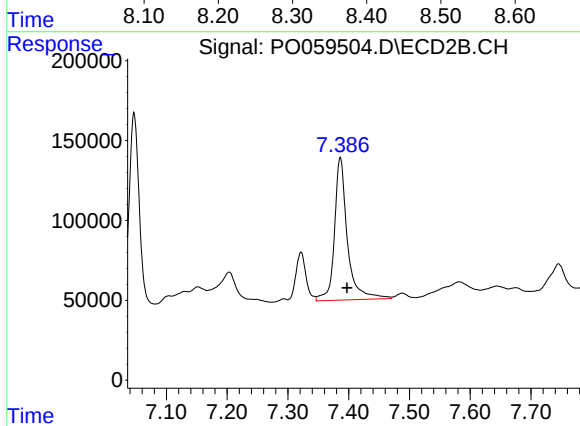
#41 AR-1268-1

R.T.: 7.322 min
Delta R.T.: -0.009 min
Response: 358140
Conc: 50.29 ng/ml



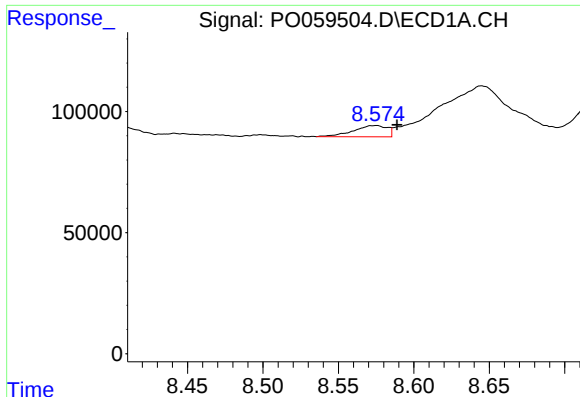
#42 AR-1268-2

R.T.: 8.356 min
Delta R.T.: -0.034 min
Response: 1603811
Conc: 203.46 ng/ml



#42 AR-1268-2

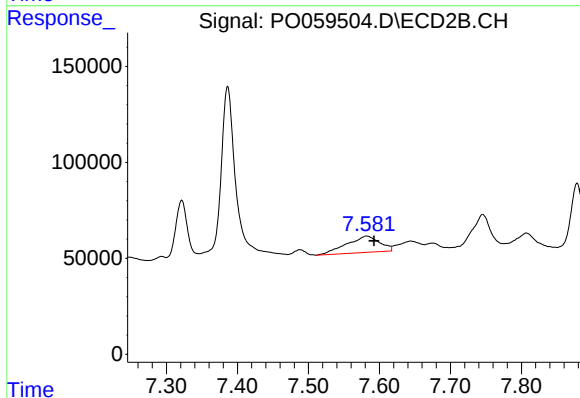
R.T.: 7.386 min
Delta R.T.: -0.011 min
Response: 1316502
Conc: 204.17 ng/ml



#43 AR-1268-3

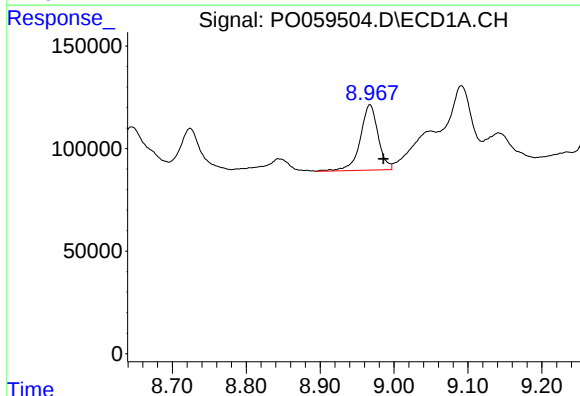
R.T.: 8.575 min
Delta R.T.: -0.014 min
Response: 72645
Conc: 10.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



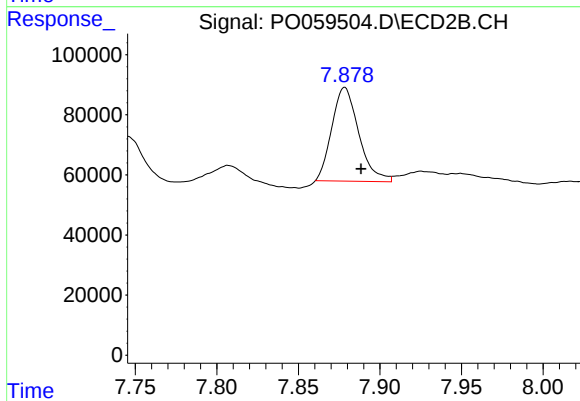
#43 AR-1268-3

R.T.: 7.582 min
Delta R.T.: -0.010 min
Response: 275051
Conc: 50.27 ng/ml



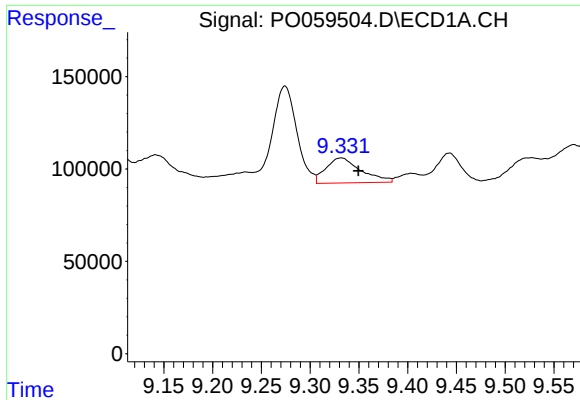
#44 AR-1268-4

R.T.: 8.967 min
Delta R.T.: -0.018 min
Response: 533971
Conc: 192.07 ng/ml



#44 AR-1268-4

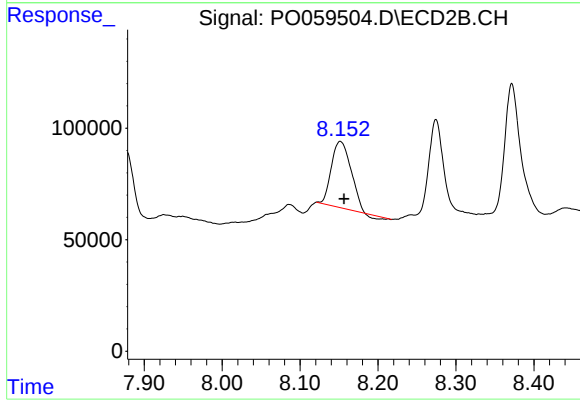
R.T.: 7.878 min
Delta R.T.: -0.010 min
Response: 359008
Conc: 175.87 ng/ml



#45 AR-1268-5

R.T.: 9.332 min
Delta R.T.: -0.018 min
Response: 340379
Conc: 18.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.152 min
Delta R.T.: -0.005 min
Response: 510996
Conc: 35.17 ng/ml