

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
 Data File : P0059193.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Aug 2019 19:59
 Operator : SM/SJ
 Sample : K4267-04DL 20X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PS-04DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 01:10:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.150	3.513	43250	33314	1.025	0.834
2)	SA Decachlor...	9.655	8.388	40262	20422	0.743	0.517 #
Target Compounds							
3)	L1 AR-1016-1	5.331	4.568	33358	3315	17.801	2.274 #
4)	L1 AR-1016-2	5.331	4.568	33358	3315	12.123	1.545 #
5)	L1 AR-1016-3	5.389	4.798	12606	589237	7.425	518.817 #
6)	L1 AR-1016-4	5.486	4.798	12160	589237	8.691	624.653 #
7)	L1 AR-1016-5	5.815	5.006	22563	329874	15.751	267.878 #
9)	L2 AR-1221-2	4.525	0.000	6902	0	20.019	N.D. #
10)	L2 AR-1221-3	4.525	0.000	6902	0	6.294	N.D. #
11)	L3 AR-1232-1	4.525	0.000	6902	0	7.645	N.D. #
12)	L3 AR-1232-2	5.042	4.568	28304	3315	57.540	3.921 #
13)	L3 AR-1232-3	5.331	4.798	33358	589237	31.154	1339.833 #
14)	L3 AR-1232-4	5.486	4.836	12160	158024	22.810	399.787 #
15)	L3 AR-1232-5	5.617	5.006	253200	329874	620.493	749.288
16)	L4 AR-1242-1	5.331	4.568	33358	3315	26.050	3.266 #
17)	L4 AR-1242-2	5.331	4.568	33358	3315	17.634	2.196 #
18)	L4 AR-1242-3	5.389	4.798	12606	589237	10.747	723.535 #
19)	L4 AR-1242-4	5.486	4.836	12160	158024	12.654	195.326 #
20)	L4 AR-1242-5	6.214	5.350	474466	1409066	403.948	1313.587 #
21)	L5 AR-1248-1	5.331	4.568	33358	3315	32.995	4.146 #
22)	L5 AR-1248-2	5.617	4.798	253200	589237	175.153	531.804 #
23)	L5 AR-1248-3	5.815	4.836	22563	158024	13.736	138.842 #
24)	L5 AR-1248-4	6.214	5.006	474466	329874	234.275	236.133
25)	L5 AR-1248-5	6.214	5.421	474466	152446	245.793	110.049 #
26)	L6 AR-1254-1	6.176	5.350	850685	1409066	360.263	543.928 #
27)	L6 AR-1254-2	6.412	5.495	818533	1199739	212.388	524.034 #
28)	L6 AR-1254-3	6.729	5.892	2214015	1860097	546.719	505.549
29)	L6 AR-1254-4	7.014	6.146	1866986	237052	518.514	101.949 #
30)	L6 AR-1254-5	7.429	6.528	1842391	1509767	508.279	437.670
31)	L7 AR-1260-1	6.888	6.018	807689	836684	280.531	351.541 #
32)	L7 AR-1260-2	7.190	6.206	505683	742477	121.557	245.098 #
33)	L7 AR-1260-3	7.493	6.354	227448	652146	61.077	241.550 #
34)	L7 AR-1260-4	7.721	6.858	565822	342744	166.038	151.688
35)	L7 AR-1260-5	8.034	7.094	309151	51522	42.034	9.567 #
36)	L8 AR-1262-1	7.493	6.596	227448	116012	45.126	32.481 #
37)	L8 AR-1262-2	8.034	7.094	309151	51522	38.842	9.125 #
38)	L8 AR-1262-3	8.339	7.336	167829	28780	33.015	11.661 #
39)	L8 AR-1262-4	8.437	7.401	12639	165137	3.335	38.891 #
40)	L8 AR-1262-5	9.001	0.000	27125	0	11.806	N.D. #
41)	L9 AR-1268-1	8.339	7.336	167829	28780	15.026	3.533 #
42)	L9 AR-1268-2	8.437	7.401	12639	165137	1.346	21.794 #

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Operator : SM/SJ
Sample : K4267-04DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

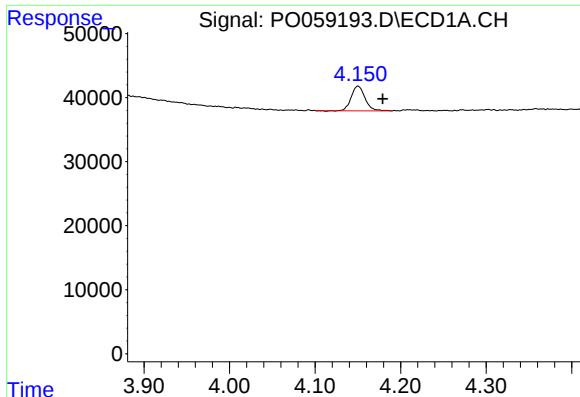
Instrument :
ECD_O
ClientSampleId :
PS-04DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:10:28 2019
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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	0.000	7.661	0	2925	N.D.	0.458 #
44)	L9 AR-1268-4	9.001	0.000	27125	0	9.074	N.D. #
45)	L9 AR-1268-5	9.369	0.000	19838	0	0.924	N.D. #

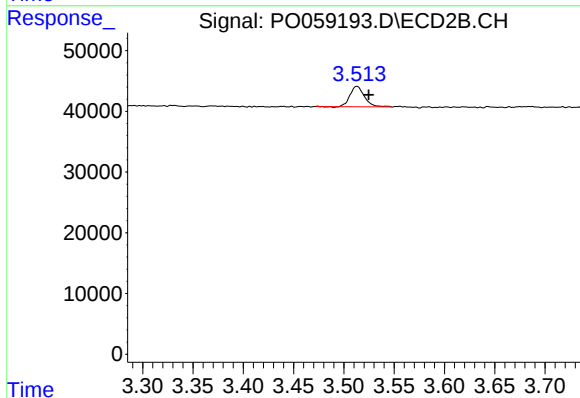
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

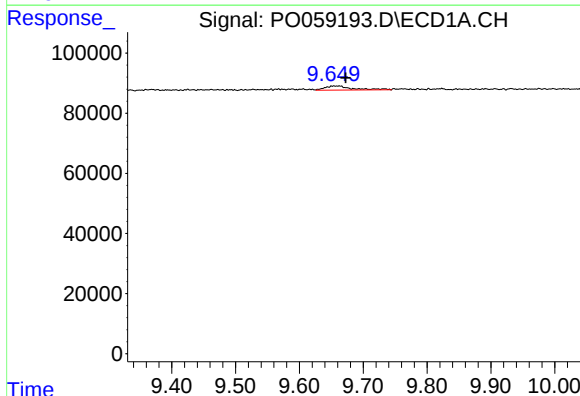
R.T.: 4.150 min
Delta R.T.: -0.029 min
Response: 43250
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



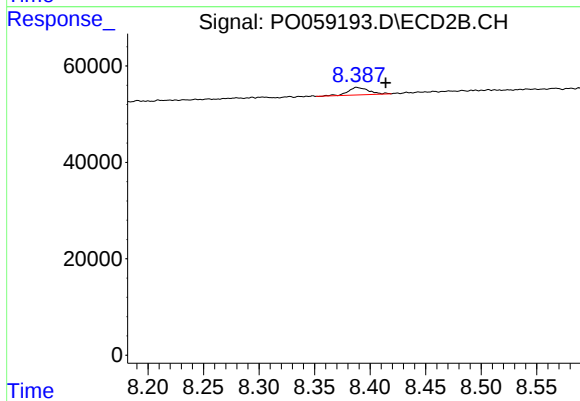
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.012 min
Response: 33314
Conc: 0.83 ng/ml



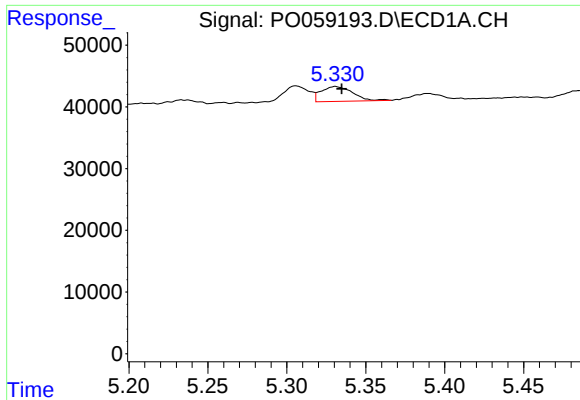
#2 Decachlorobiphenyl

R.T.: 9.655 min
Delta R.T.: -0.018 min
Response: 40262
Conc: 0.74 ng/ml



#2 Decachlorobiphenyl

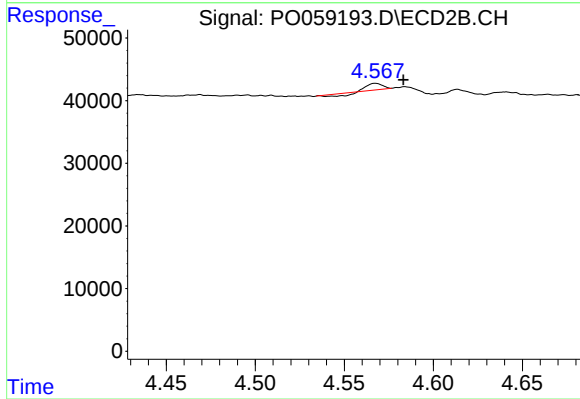
R.T.: 8.388 min
Delta R.T.: -0.026 min
Response: 20422
Conc: 0.52 ng/ml



#3 AR-1016-1

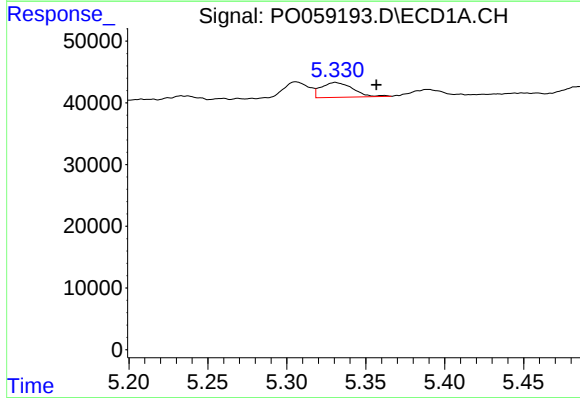
R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 33358
Conc: 17.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



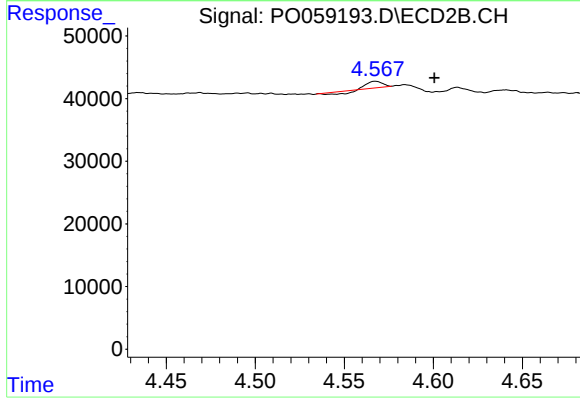
#3 AR-1016-1

R.T.: 4.568 min
Delta R.T.: -0.016 min
Response: 3315
Conc: 2.27 ng/ml



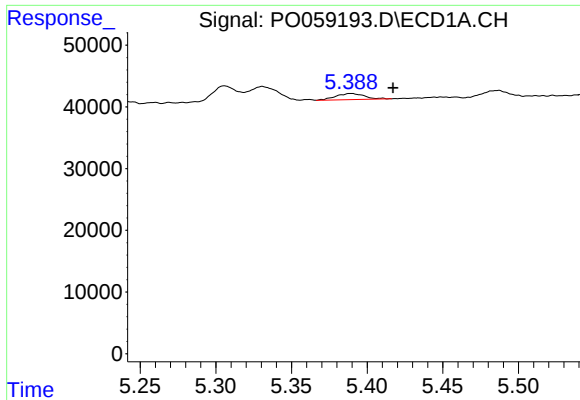
#4 AR-1016-2

R.T.: 5.331 min
Delta R.T.: -0.026 min
Response: 33358
Conc: 12.12 ng/ml



#4 AR-1016-2

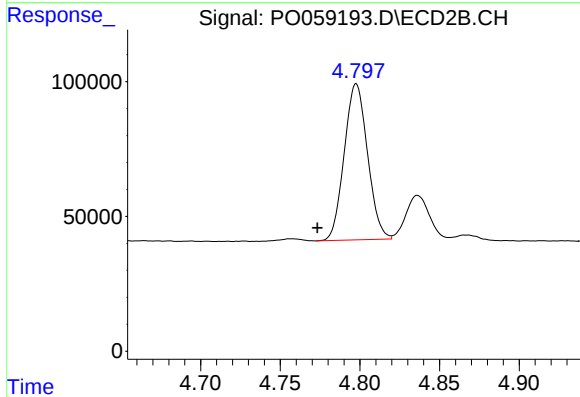
R.T.: 4.568 min
Delta R.T.: -0.033 min
Response: 3315
Conc: 1.54 ng/ml



#5 AR-1016-3

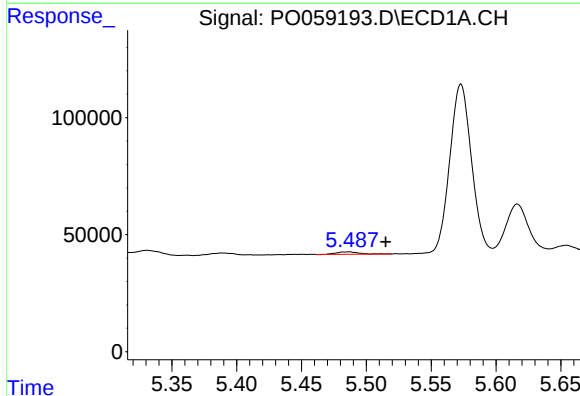
R.T.: 5.389 min
Delta R.T.: -0.028 min
Response: 12606
Conc: 7.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



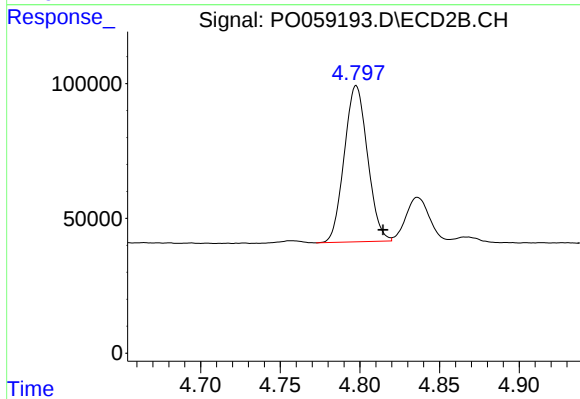
#5 AR-1016-3

R.T.: 4.798 min
Delta R.T.: 0.024 min
Response: 589237
Conc: 518.82 ng/ml



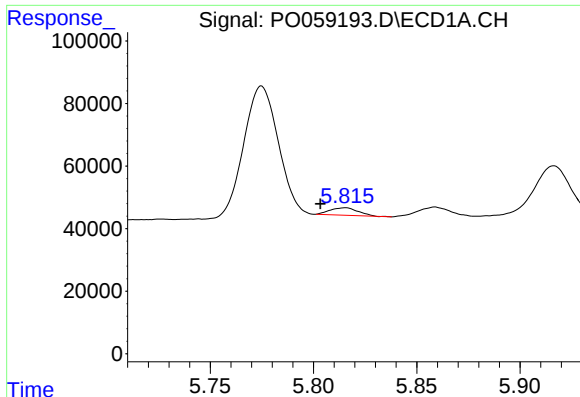
#6 AR-1016-4

R.T.: 5.486 min
Delta R.T.: -0.029 min
Response: 12160
Conc: 8.69 ng/ml



#6 AR-1016-4

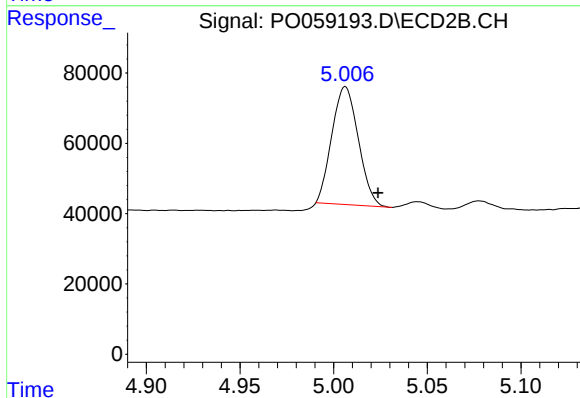
R.T.: 4.798 min
Delta R.T.: -0.017 min
Response: 589237
Conc: 624.65 ng/ml



#7 AR-1016-5

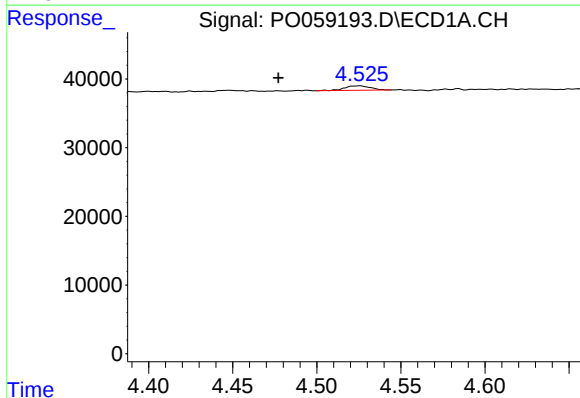
R.T.: 5.815 min
Delta R.T.: 0.011 min
Response: 22563
Conc: 15.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



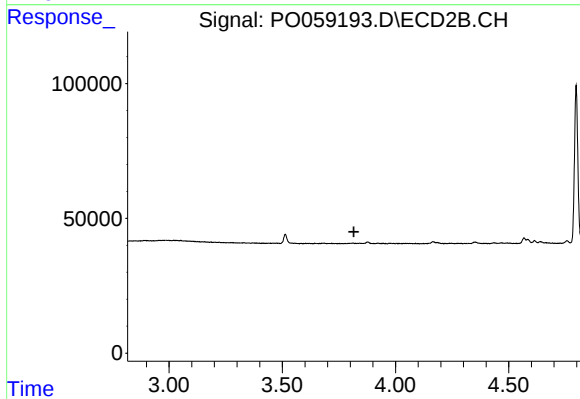
#7 AR-1016-5

R.T.: 5.006 min
Delta R.T.: -0.018 min
Response: 329874
Conc: 267.88 ng/ml



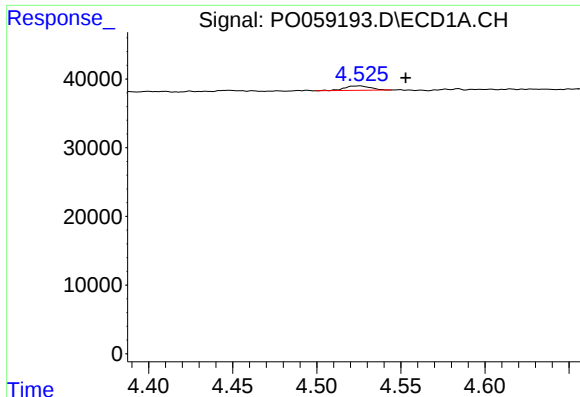
#9 AR-1221-2

R.T.: 4.525 min
Delta R.T.: 0.048 min
Response: 6902
Conc: 20.02 ng/ml



#9 AR-1221-2

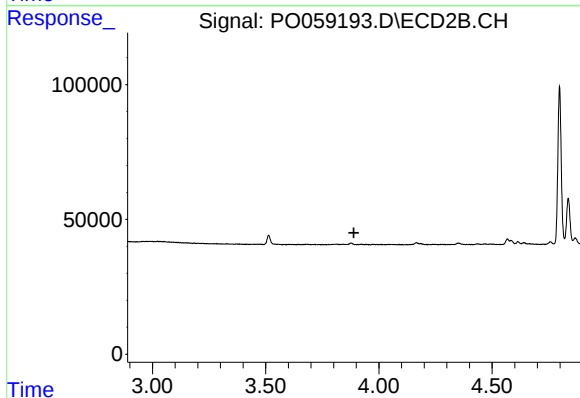
R.T.: 0.000 min
Exp R.T.: 3.816 min
Response: 0
Conc: N.D.



#10 AR-1221-3

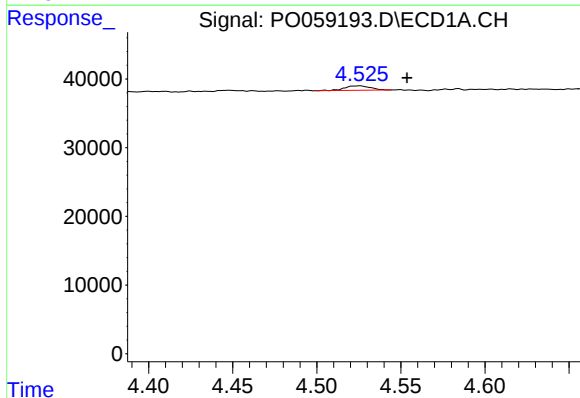
R.T.: 4.525 min
Delta R.T.: -0.028 min
Response: 6902
Conc: 6.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



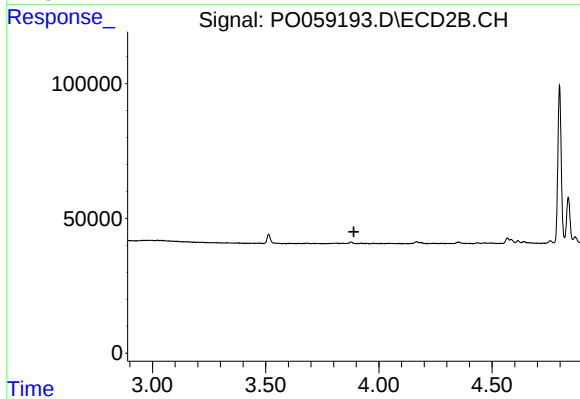
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



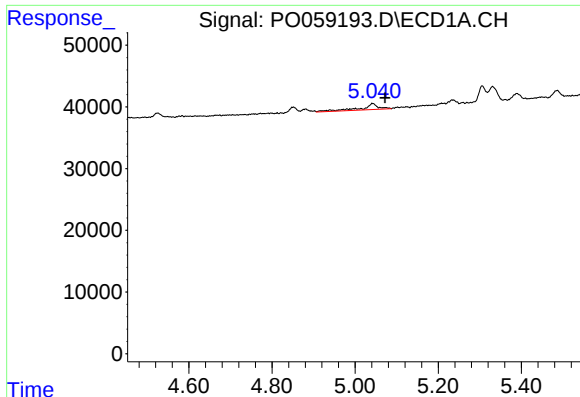
#11 AR-1232-1

R.T.: 4.525 min
Delta R.T.: -0.029 min
Response: 6902
Conc: 7.65 ng/ml



#11 AR-1232-1

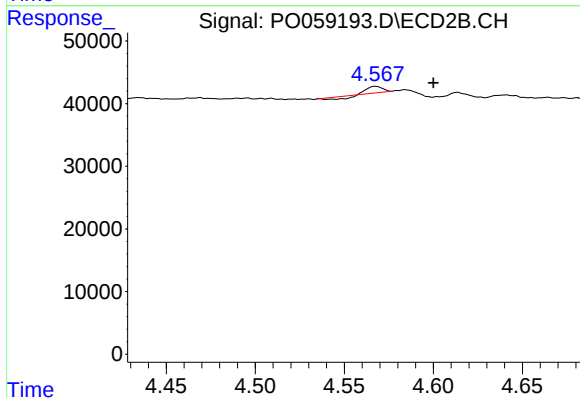
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#12 AR-1232-2

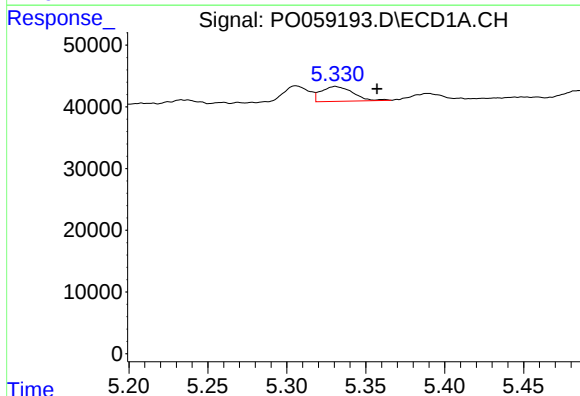
R.T.: 5.042 min
Delta R.T.: -0.030 min
Response: 28304
Conc: 57.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



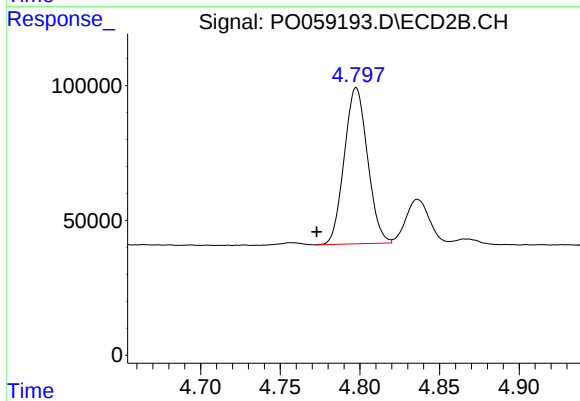
#12 AR-1232-2

R.T.: 4.568 min
Delta R.T.: -0.032 min
Response: 3315
Conc: 3.92 ng/ml



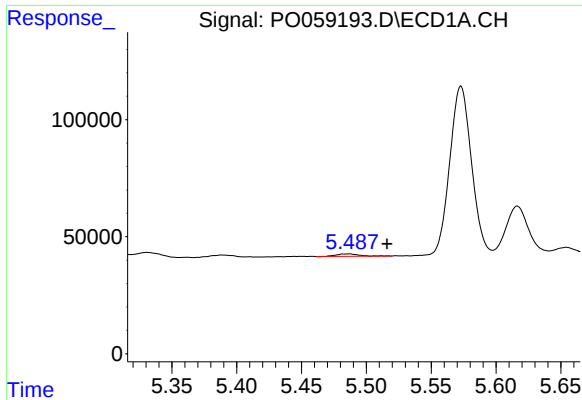
#13 AR-1232-3

R.T.: 5.331 min
Delta R.T.: -0.026 min
Response: 33358
Conc: 31.15 ng/ml



#13 AR-1232-3

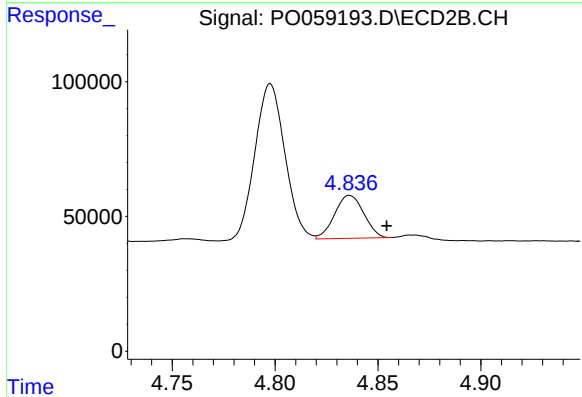
R.T.: 4.798 min
Delta R.T.: 0.025 min
Response: 589237
Conc: 1339.83 ng/ml



#14 AR-1232-4

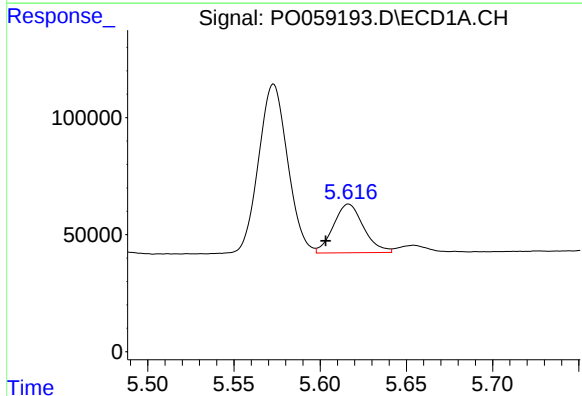
R.T.: 5.486 min
Delta R.T.: -0.030 min
Response: 12160
Conc: 22.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



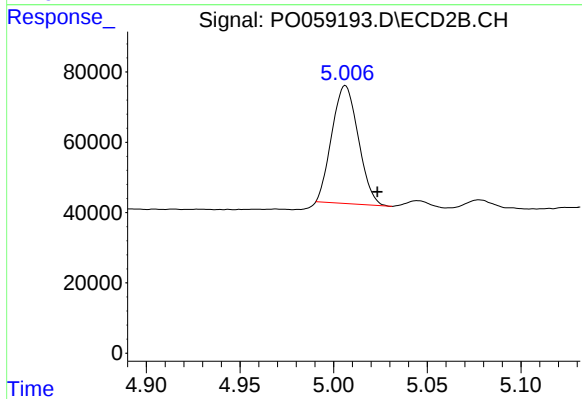
#14 AR-1232-4

R.T.: 4.836 min
Delta R.T.: -0.018 min
Response: 158024
Conc: 399.79 ng/ml



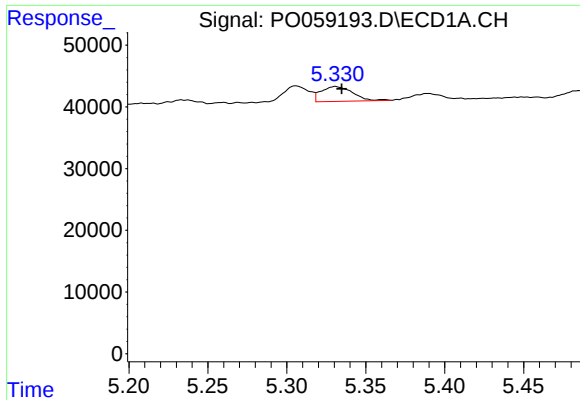
#15 AR-1232-5

R.T.: 5.617 min
Delta R.T.: 0.013 min
Response: 253200
Conc: 620.49 ng/ml



#15 AR-1232-5

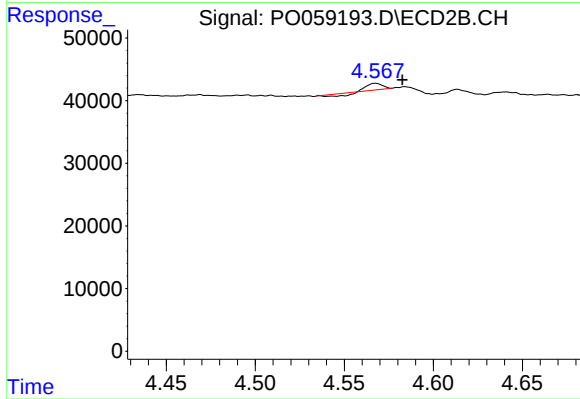
R.T.: 5.006 min
Delta R.T.: -0.017 min
Response: 329874
Conc: 749.29 ng/ml



#16 AR-1242-1

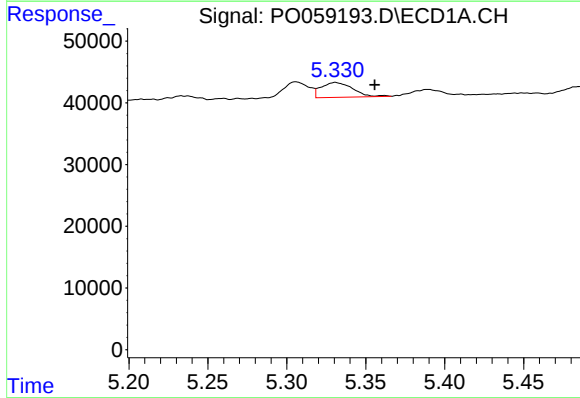
R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 33358
Conc: 26.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



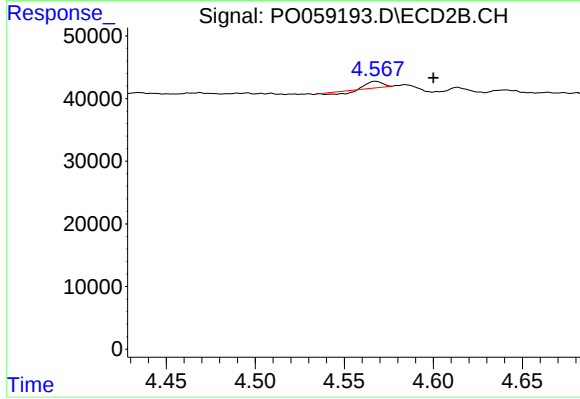
#16 AR-1242-1

R.T.: 4.568 min
Delta R.T.: -0.015 min
Response: 3315
Conc: 3.27 ng/ml



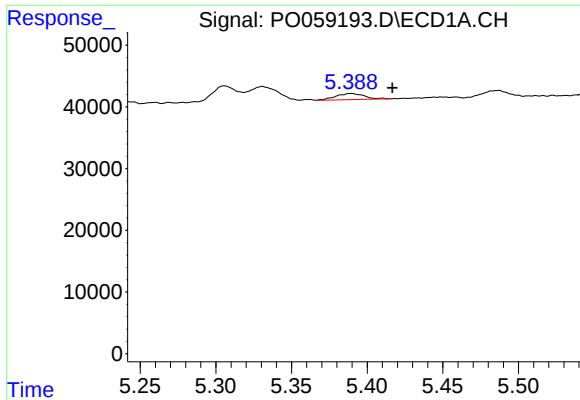
#17 AR-1242-2

R.T.: 5.331 min
Delta R.T.: -0.025 min
Response: 33358
Conc: 17.63 ng/ml



#17 AR-1242-2

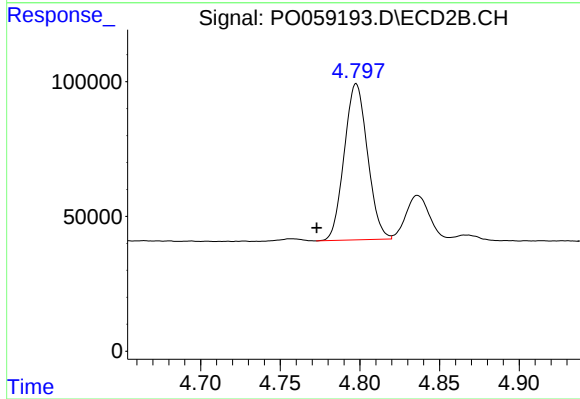
R.T.: 4.568 min
Delta R.T.: -0.032 min
Response: 3315
Conc: 2.20 ng/ml



#18 AR-1242-3

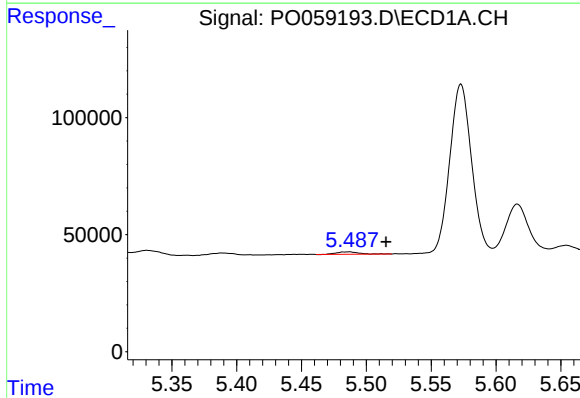
R.T.: 5.389 min
Delta R.T.: -0.027 min
Response: 12606
Conc: 10.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



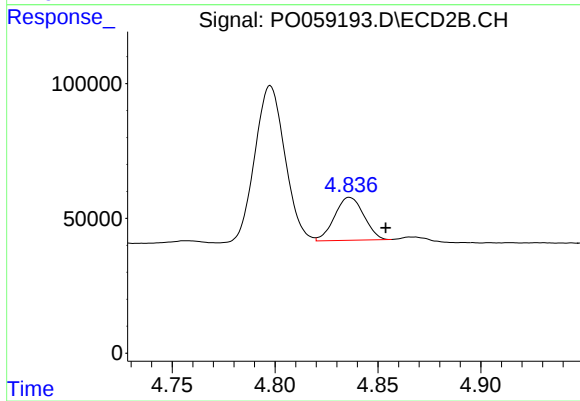
#18 AR-1242-3

R.T.: 4.798 min
Delta R.T.: 0.025 min
Response: 589237
Conc: 723.53 ng/ml



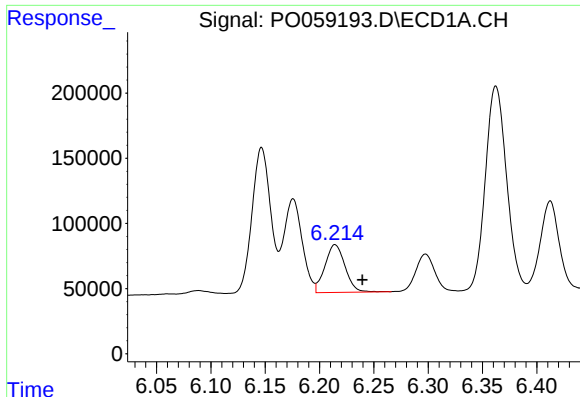
#19 AR-1242-4

R.T.: 5.486 min
Delta R.T.: -0.030 min
Response: 12160
Conc: 12.65 ng/ml



#19 AR-1242-4

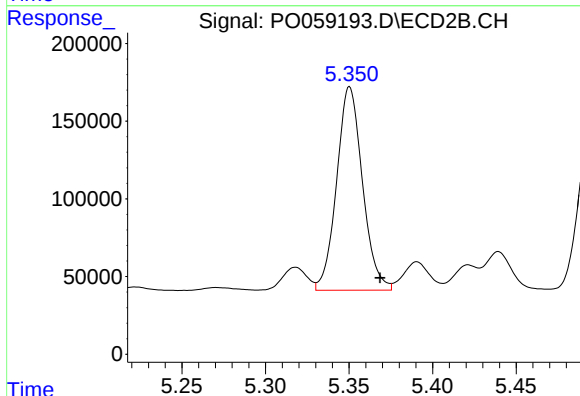
R.T.: 4.836 min
Delta R.T.: -0.018 min
Response: 158024
Conc: 195.33 ng/ml



#20 AR-1242-5

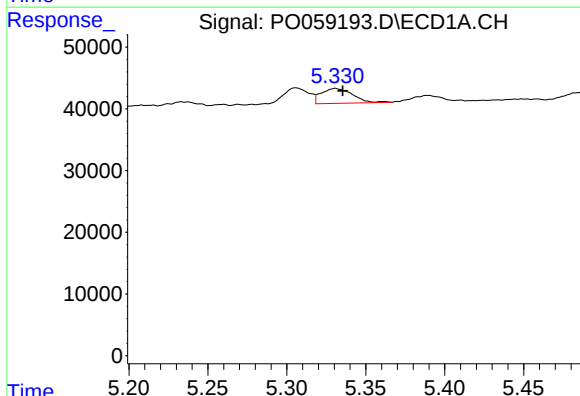
R.T.: 6.214 min
Delta R.T.: -0.025 min
Response: 474466
Conc: 403.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



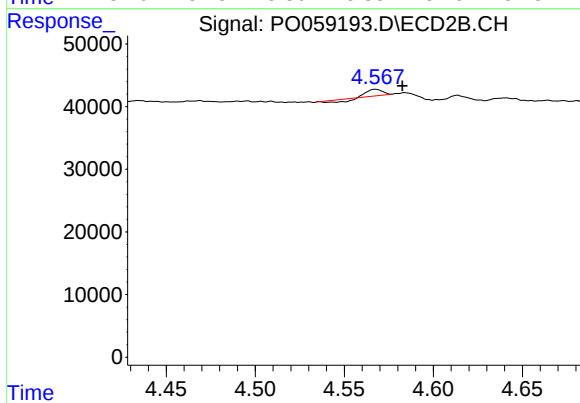
#20 AR-1242-5

R.T.: 5.350 min
Delta R.T.: -0.018 min
Response: 1409066
Conc: 1313.59 ng/ml



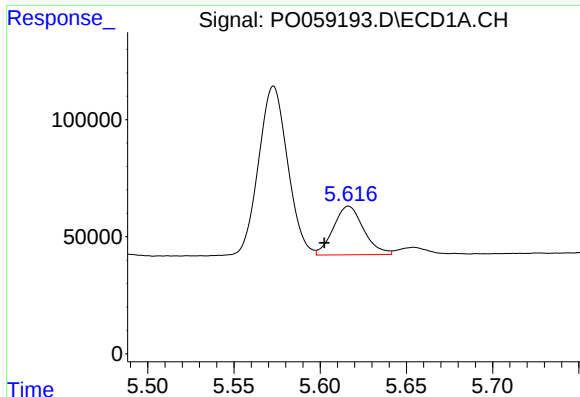
#21 AR-1248-1

R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 33358
Conc: 32.99 ng/ml



#21 AR-1248-1

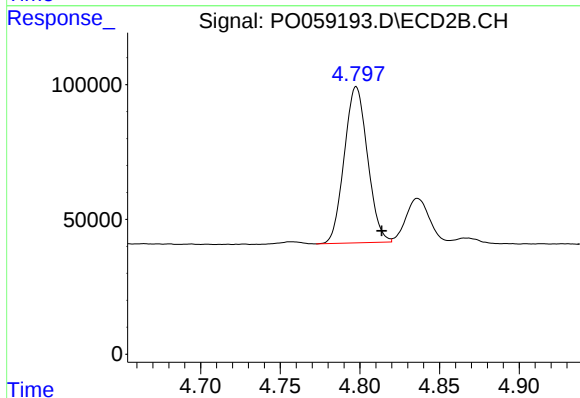
R.T.: 4.568 min
Delta R.T.: -0.015 min
Response: 3315
Conc: 4.15 ng/ml



#22 AR-1248-2

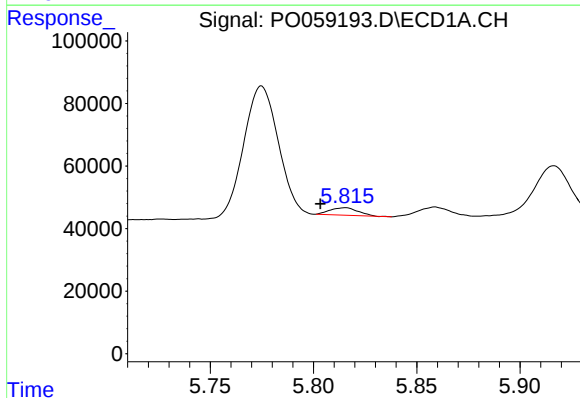
R.T.: 5.617 min
Delta R.T.: 0.014 min
Response: 253200
Conc: 175.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



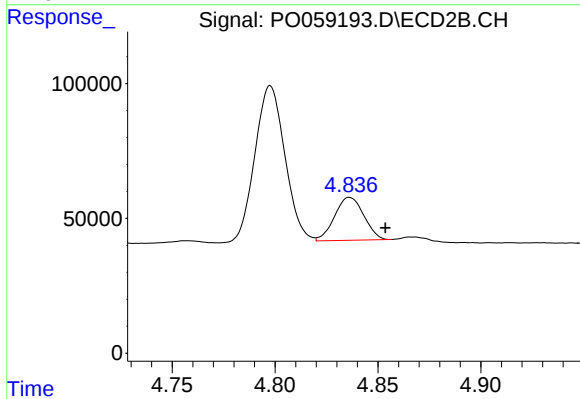
#22 AR-1248-2

R.T.: 4.798 min
Delta R.T.: -0.016 min
Response: 589237
Conc: 531.80 ng/ml



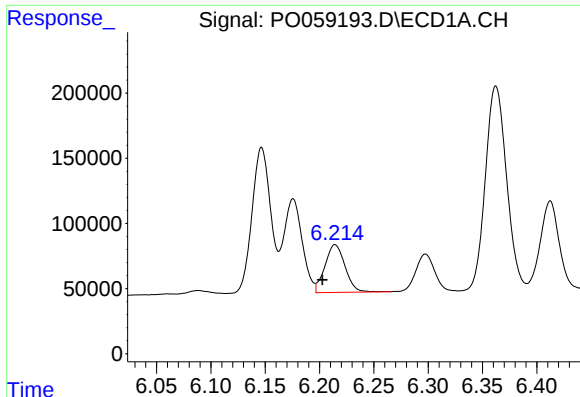
#23 AR-1248-3

R.T.: 5.815 min
Delta R.T.: 0.011 min
Response: 22563
Conc: 13.74 ng/ml



#23 AR-1248-3

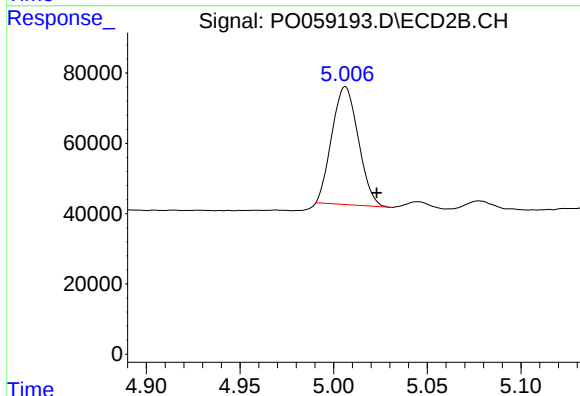
R.T.: 4.836 min
Delta R.T.: -0.017 min
Response: 158024
Conc: 138.84 ng/ml



#24 AR-1248-4

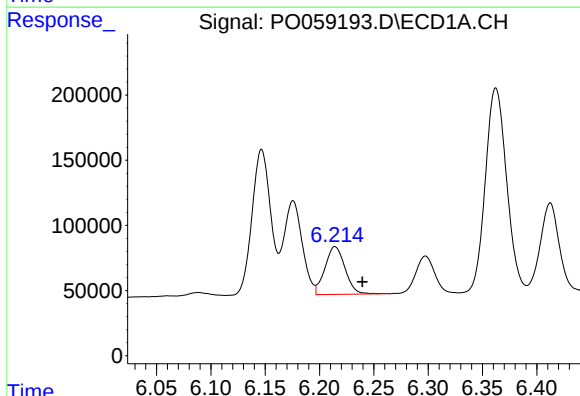
R.T.: 6.214 min
Delta R.T.: 0.012 min
Response: 474466
Conc: 234.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



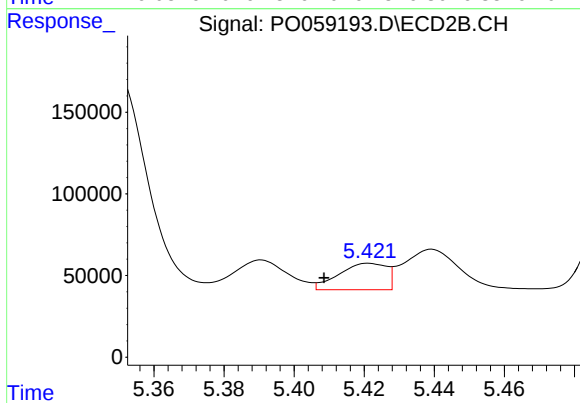
#24 AR-1248-4

R.T.: 5.006 min
Delta R.T.: -0.017 min
Response: 329874
Conc: 236.13 ng/ml



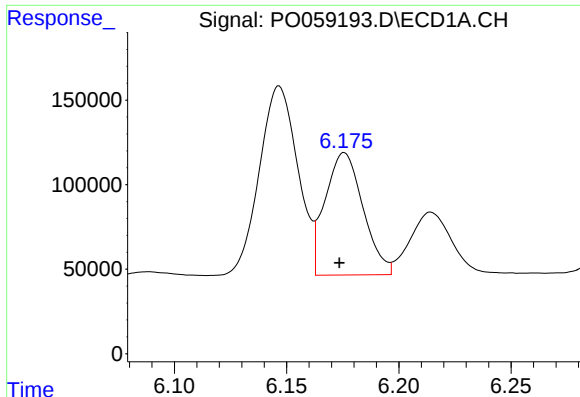
#25 AR-1248-5

R.T.: 6.214 min
Delta R.T.: -0.025 min
Response: 474466
Conc: 245.79 ng/ml



#25 AR-1248-5

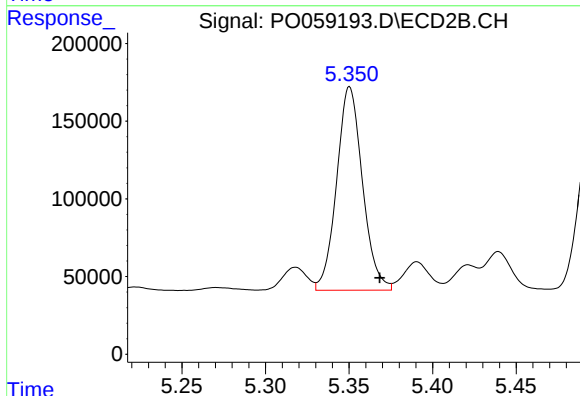
R.T.: 5.421 min
Delta R.T.: 0.013 min
Response: 152446
Conc: 110.05 ng/ml



#26 AR-1254-1

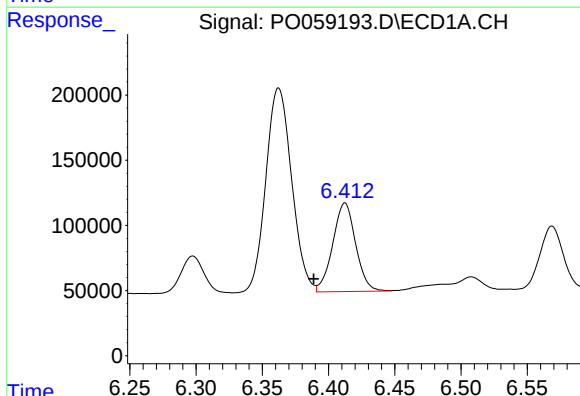
R.T.: 6.176 min
Delta R.T.: 0.002 min
Response: 850685
Conc: 360.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



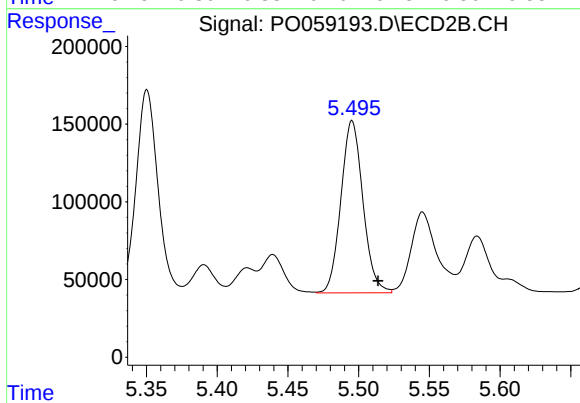
#26 AR-1254-1

R.T.: 5.350 min
Delta R.T.: -0.018 min
Response: 1409066
Conc: 543.93 ng/ml



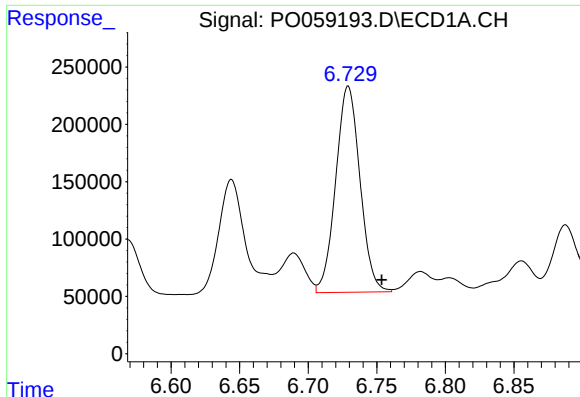
#27 AR-1254-2

R.T.: 6.412 min
Delta R.T.: 0.023 min
Response: 818533
Conc: 212.39 ng/ml



#27 AR-1254-2

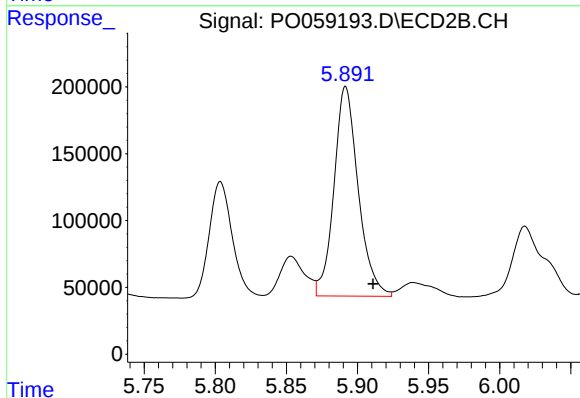
R.T.: 5.495 min
Delta R.T.: -0.018 min
Response: 1199739
Conc: 524.03 ng/ml



#28 AR-1254-3

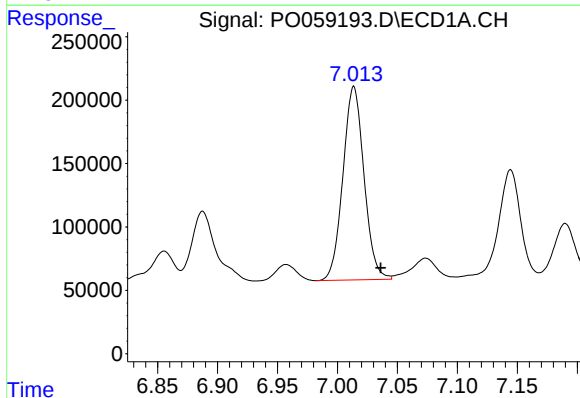
R.T.: 6.729 min
Delta R.T.: -0.024 min
Response: 2214015
Conc: 546.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



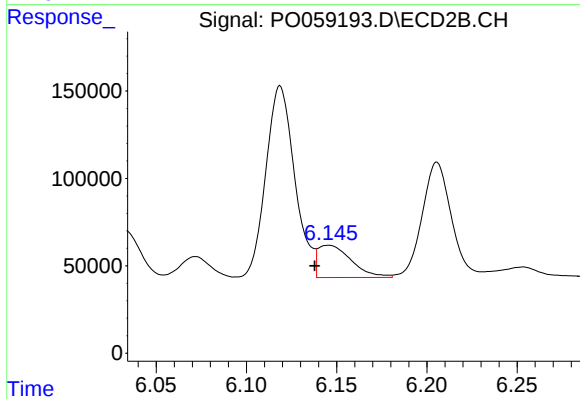
#28 AR-1254-3

R.T.: 5.892 min
Delta R.T.: -0.019 min
Response: 1860097
Conc: 505.55 ng/ml



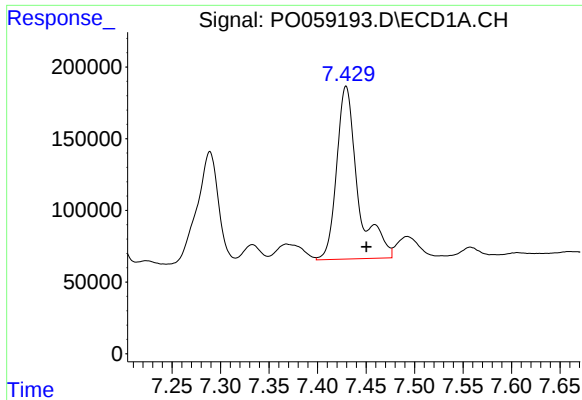
#29 AR-1254-4

R.T.: 7.014 min
Delta R.T.: -0.023 min
Response: 1866986
Conc: 518.51 ng/ml



#29 AR-1254-4

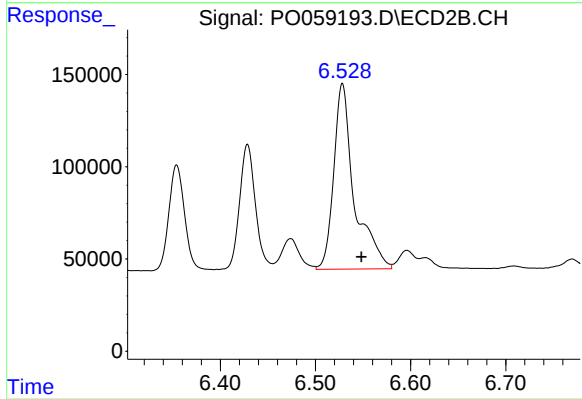
R.T.: 6.146 min
Delta R.T.: 0.008 min
Response: 237052
Conc: 101.95 ng/ml



#30 AR-1254-5

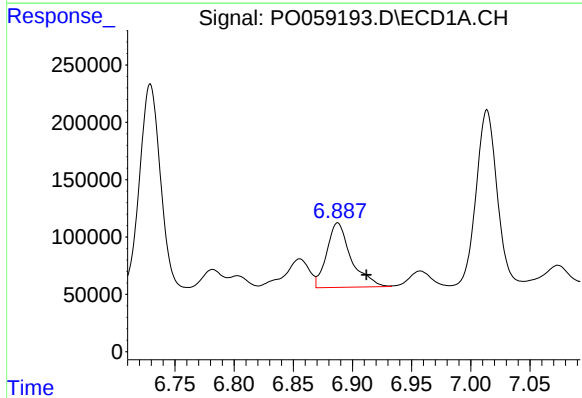
R.T.: 7.429 min
Delta R.T.: -0.021 min
Response: 1842391
Conc: 508.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



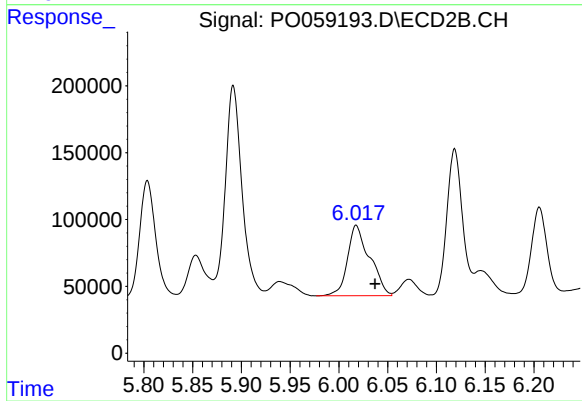
#30 AR-1254-5

R.T.: 6.528 min
Delta R.T.: -0.020 min
Response: 1509767
Conc: 437.67 ng/ml



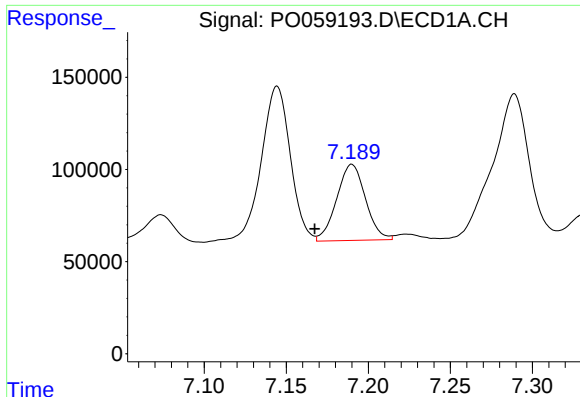
#31 AR-1260-1

R.T.: 6.888 min
Delta R.T.: -0.024 min
Response: 807689
Conc: 280.53 ng/ml



#31 AR-1260-1

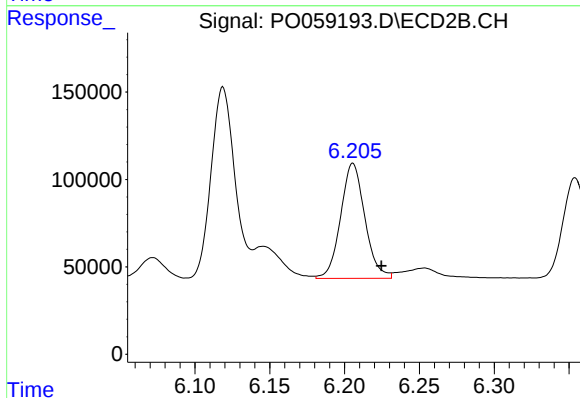
R.T.: 6.018 min
Delta R.T.: -0.019 min
Response: 836684
Conc: 351.54 ng/ml



#32 AR-1260-2

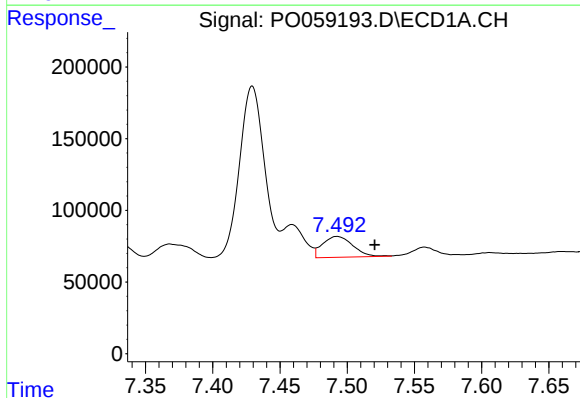
R.T.: 7.190 min
Delta R.T.: 0.023 min
Response: 505683
Conc: 121.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



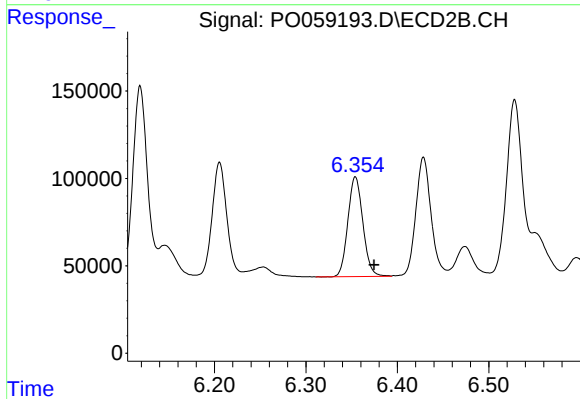
#32 AR-1260-2

R.T.: 6.206 min
Delta R.T.: -0.019 min
Response: 742477
Conc: 245.10 ng/ml



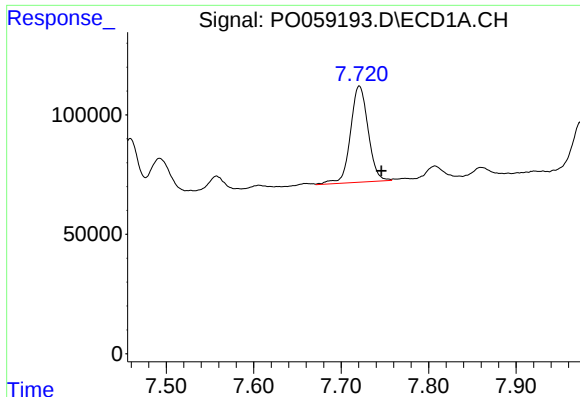
#33 AR-1260-3

R.T.: 7.493 min
Delta R.T.: -0.028 min
Response: 227448
Conc: 61.08 ng/ml



#33 AR-1260-3

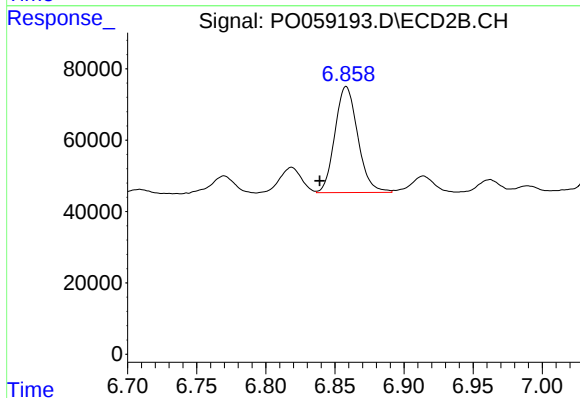
R.T.: 6.354 min
Delta R.T.: -0.020 min
Response: 652146
Conc: 241.55 ng/ml



#34 AR-1260-4

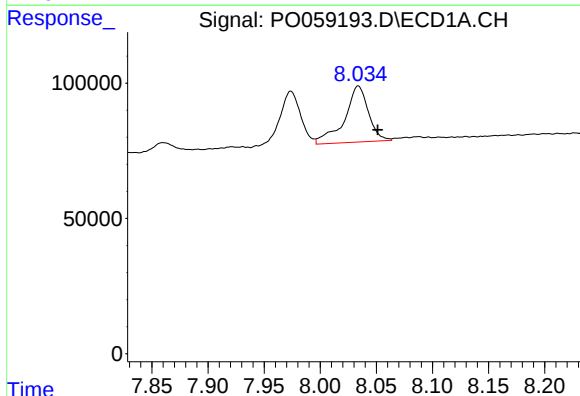
R.T.: 7.721 min
Delta R.T.: -0.025 min
Response: 565822
Conc: 166.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



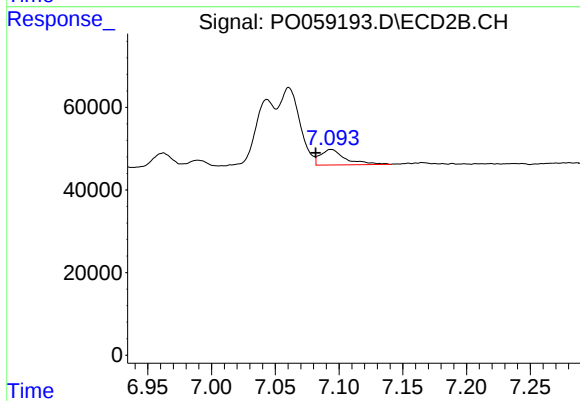
#34 AR-1260-4

R.T.: 6.858 min
Delta R.T.: 0.019 min
Response: 342744
Conc: 151.69 ng/ml



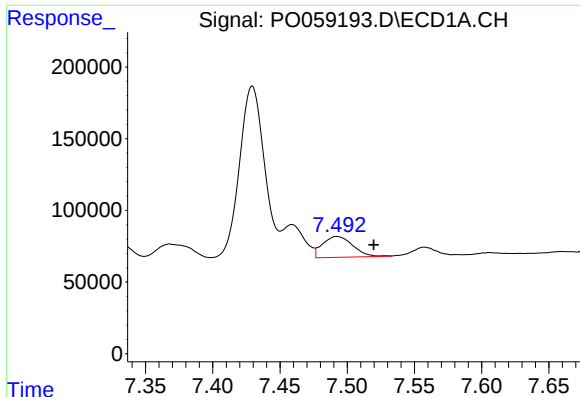
#35 AR-1260-5

R.T.: 8.034 min
Delta R.T.: -0.017 min
Response: 309151
Conc: 42.03 ng/ml



#35 AR-1260-5

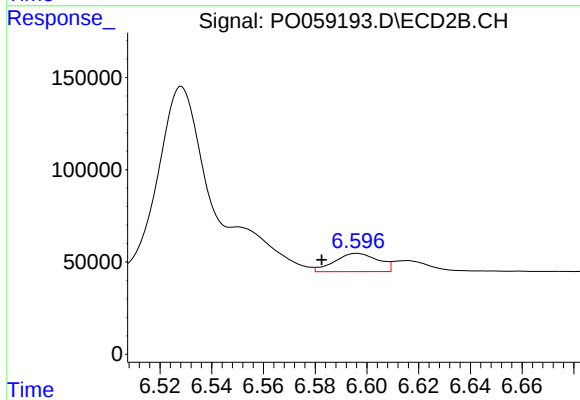
R.T.: 7.094 min
Delta R.T.: 0.012 min
Response: 51522
Conc: 9.57 ng/ml



#36 AR-1262-1

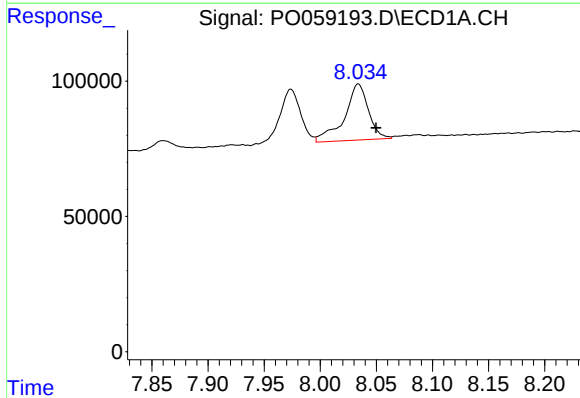
R.T.: 7.493 min
Delta R.T.: -0.027 min
Response: 227448
Conc: 45.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



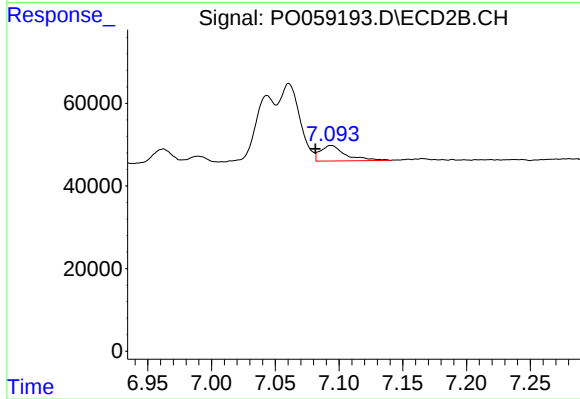
#36 AR-1262-1

R.T.: 6.596 min
Delta R.T.: 0.014 min
Response: 116012
Conc: 32.48 ng/ml



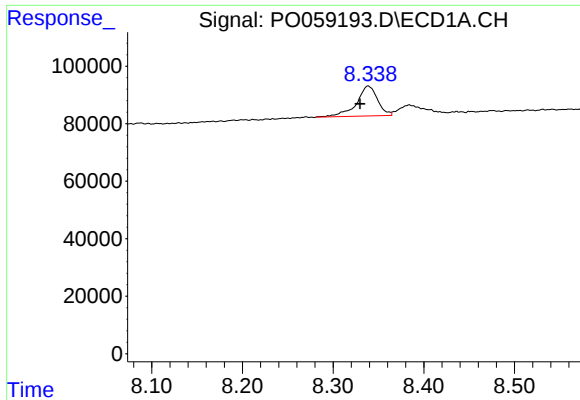
#37 AR-1262-2

R.T.: 8.034 min
Delta R.T.: -0.016 min
Response: 309151
Conc: 38.84 ng/ml



#37 AR-1262-2

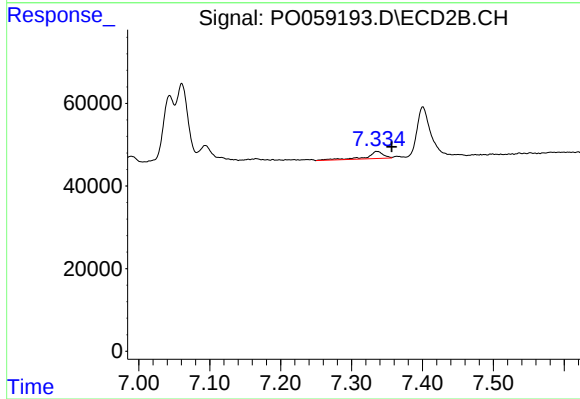
R.T.: 7.094 min
Delta R.T.: 0.012 min
Response: 51522
Conc: 9.13 ng/ml



#38 AR-1262-3

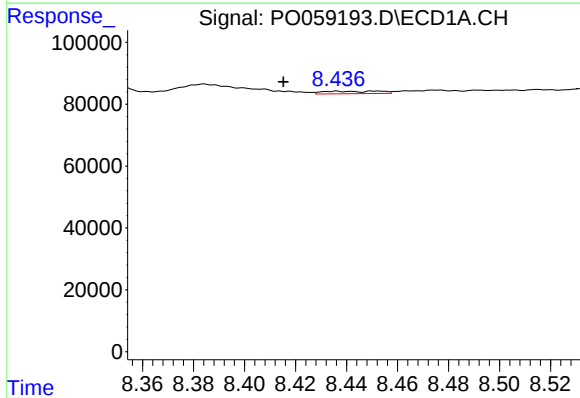
R.T.: 8.339 min
Delta R.T.: 0.009 min
Response: 167829
Conc: 33.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



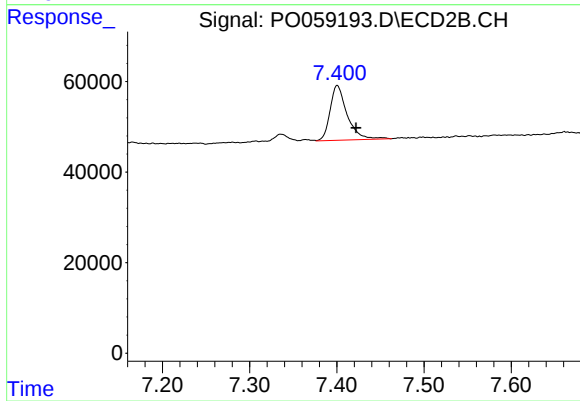
#38 AR-1262-3

R.T.: 7.336 min
Delta R.T.: -0.021 min
Response: 28780
Conc: 11.66 ng/ml



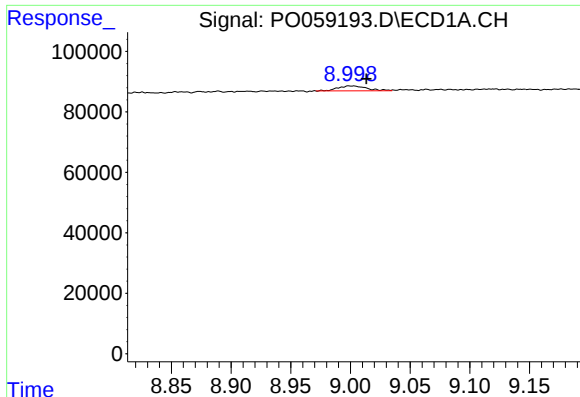
#39 AR-1262-4

R.T.: 8.437 min
Delta R.T.: 0.021 min
Response: 12639
Conc: 3.34 ng/ml



#39 AR-1262-4

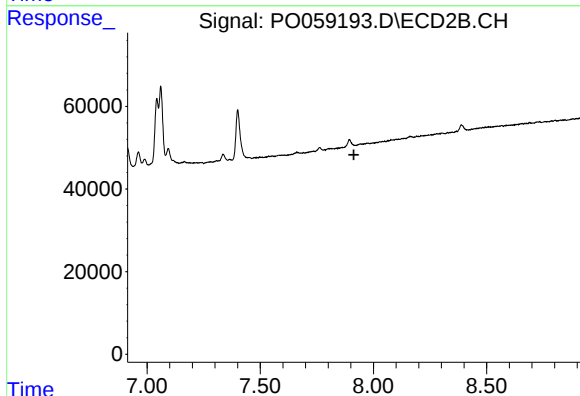
R.T.: 7.401 min
Delta R.T.: -0.022 min
Response: 165137
Conc: 38.89 ng/ml



#40 AR-1262-5

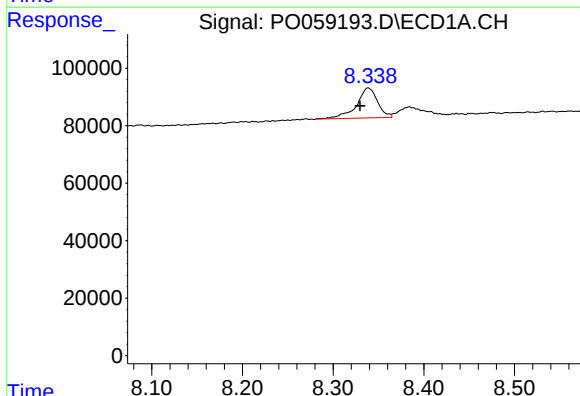
R.T.: 9.001 min
Delta R.T.: -0.012 min
Response: 27125
Conc: 11.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



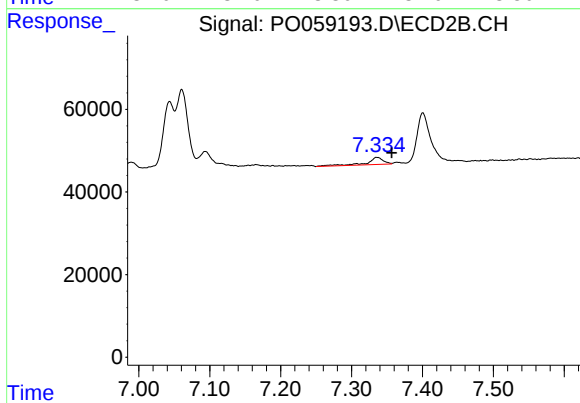
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



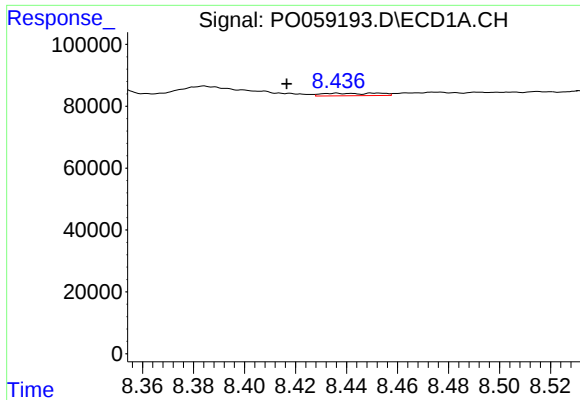
#41 AR-1268-1

R.T.: 8.339 min
Delta R.T.: 0.009 min
Response: 167829
Conc: 15.03 ng/ml



#41 AR-1268-1

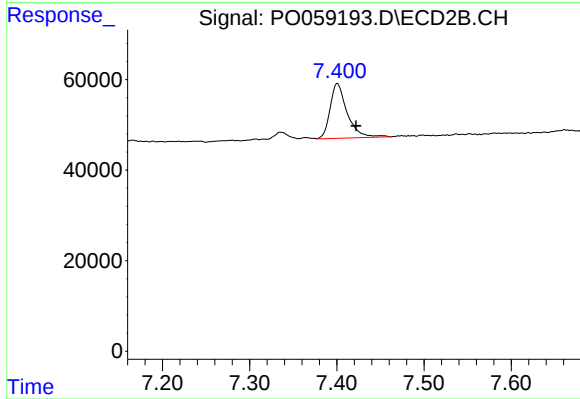
R.T.: 7.336 min
Delta R.T.: -0.021 min
Response: 28780
Conc: 3.53 ng/ml



#42 AR-1268-2

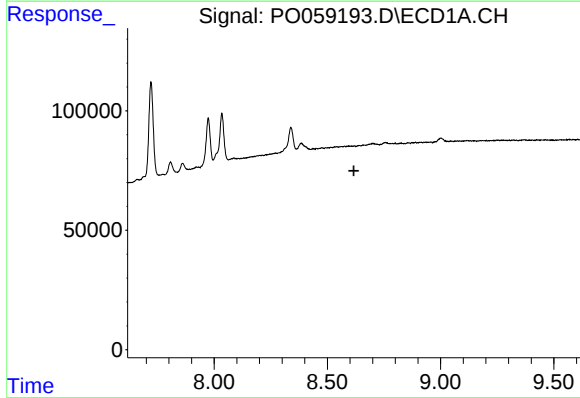
R.T.: 8.437 min
Delta R.T.: 0.020 min
Response: 12639
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



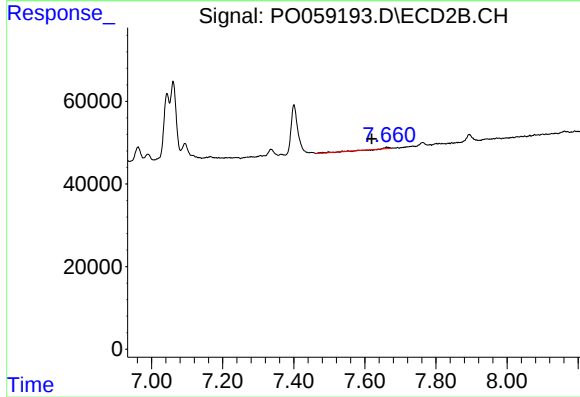
#42 AR-1268-2

R.T.: 7.401 min
Delta R.T.: -0.022 min
Response: 165137
Conc: 21.79 ng/ml



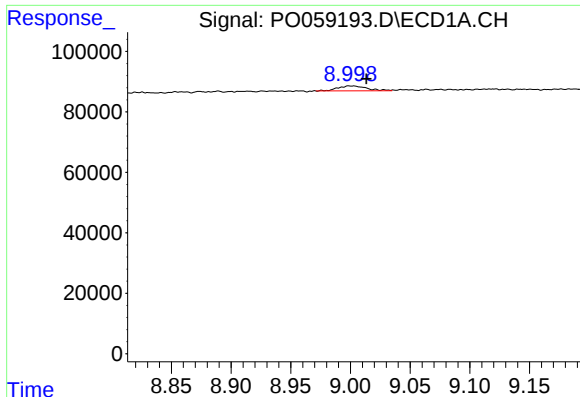
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.617 min
Response: 0
Conc: N.D.



#43 AR-1268-3

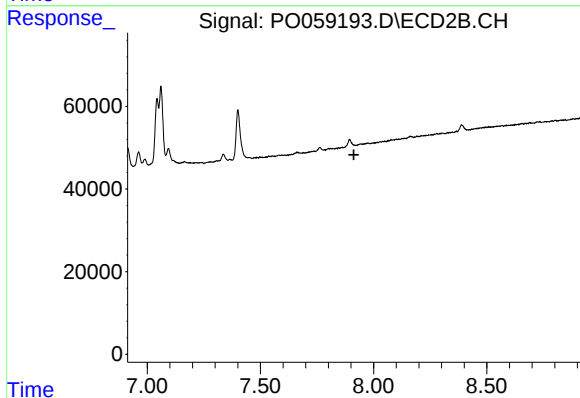
R.T.: 7.661 min
Delta R.T.: 0.042 min
Response: 2925
Conc: 0.46 ng/ml



#44 AR-1268-4

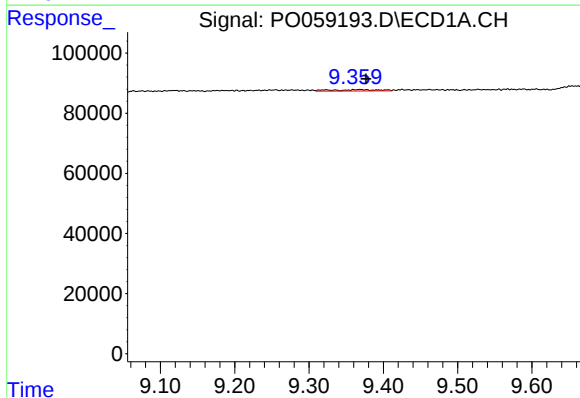
R.T.: 9.001 min
Delta R.T.: -0.012 min
Response: 27125
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-04DL



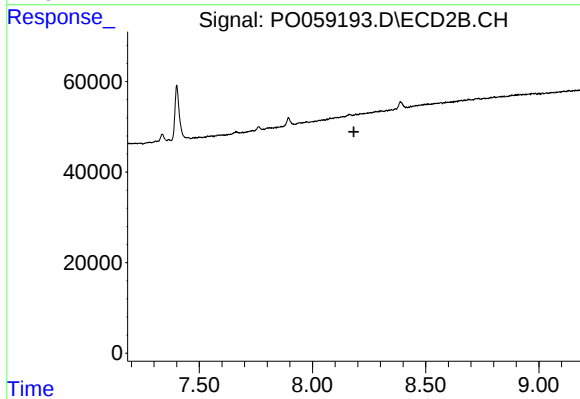
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.369 min
Delta R.T.: -0.008 min
Response: 19838
Conc: 0.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.