

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071919\
 Data File : P0058123.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 23:42
 Operator : SM/AJ
 Sample : K3894-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 K580-S6

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 05:54:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 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...	4.197	3.539	816473	728402	24.094	22.710
2)	SA Decachlor...	9.708	8.442	883923	660860	17.278	19.281
Target Compounds							
3)	L1 AR-1016-1	5.367	4.628	52631	39914	34.104	33.397
4)	L1 AR-1016-2	5.367	4.628	52631	39914	23.301	22.528
5)	L1 AR-1016-3	5.502	4.791	154531	31850	109.188	33.929 #
6)	L1 AR-1016-4	5.528	4.791	17162	31850	15.069	40.914 #
7)	L1 AR-1016-5	5.801	5.051	110977	47023	96.748	45.867 #
10)	L2 AR-1221-3	0.000	3.951	0	41910	N.D.	49.472 #
11)	L3 AR-1232-1	0.000	3.951	0	41910	N.D.	59.451 #
12)	L3 AR-1232-2	0.000	4.628	0	39914	N.D.	50.567 #
13)	L3 AR-1232-3	5.367	4.791	52631	31850	52.844	77.392 #
14)	L3 AR-1232-4	5.528	4.899	17162	38218	34.416	104.135 #
15)	L3 AR-1232-5	5.623	5.051	45925	47023	121.796	113.603
16)	L4 AR-1242-1	5.367	4.628	52631	39914	42.972	41.883
17)	L4 AR-1242-2	5.367	4.628	52631	39914	28.665	28.609
18)	L4 AR-1242-3	5.502	4.791	154531	31850	133.087	41.542 #
19)	L4 AR-1242-4	5.528	4.899	17162	38218	18.203	50.354 #
20)	L4 AR-1242-5	6.291	5.399	211040	277054	182.246	290.759 #
21)	L5 AR-1248-1	5.367	4.628	52631	39914	56.299	54.351
22)	L5 AR-1248-2	5.623	4.791	45925	31850	34.083	31.257
23)	L5 AR-1248-3	5.801	4.899	110977	38218	71.586	36.358 #
24)	L5 AR-1248-4	6.223	5.051	586390	47023	299.508	36.519 #
25)	L5 AR-1248-5	6.291	5.399	211040	277054	110.733	219.155 #
26)	L6 AR-1254-1	6.171	5.399	94578	277054	48.126	135.981 #
27)	L6 AR-1254-2	6.417	5.535	379492	42442	116.087	23.421 #
28)	L6 AR-1254-3	6.776	5.931	352022	143854	99.785	49.123 #
29)	L6 AR-1254-4	7.053	6.158	154345	20364	52.164	11.022 #
30)	L6 AR-1254-5	7.471	6.568	303037	129452	103.241	47.619 #
31)	L7 AR-1260-1	6.933	6.058	218473	87754	87.350	43.331 #
32)	L7 AR-1260-2	7.186	6.245	516097	76456	146.791	29.730 #
33)	L7 AR-1260-3	7.543	6.395	214674	71083	73.113	31.167 #
34)	L7 AR-1260-4	7.765	6.860	230941	42473	84.540	21.936 #
35)	L7 AR-1260-5	8.073	7.104	146952	99425	25.331	21.602
36)	L8 AR-1262-1	7.543	6.601	214674	69068	38.856	17.389 #
37)	L8 AR-1262-2	8.073	7.104	146952	99425	17.281	15.393
38)	L8 AR-1262-3	8.376	7.380	69126	26480	12.280	9.607
39)	L8 AR-1262-4	0.000	7.445	0	70551	N.D.	14.776 #
40)	L8 AR-1262-5	0.000	7.936	0	37923	N.D.	19.067 #
41)	L9 AR-1268-1	8.376	7.380	69126	26480	6.722	3.392 #
42)	L9 AR-1268-2	0.000	7.445	0	70551	N.D.	9.902 #
44)	L9 AR-1268-4	0.000	7.936	0	37923	N.D.	18.129 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071919\
Data File : P0058123.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 23:42
Operator : SM/AJ
Sample : K3894-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

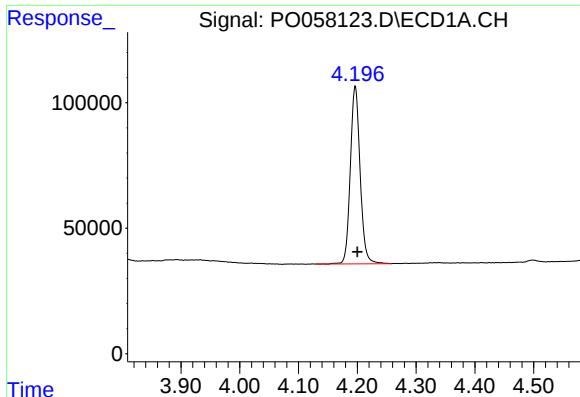
Instrument :
ECD_O
ClientSampleId :
K580-S6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 05:54:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 17 11:13:08 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
45) L9	AR-1268-5	9.414	8.205	121328	86416	5.570	5.182

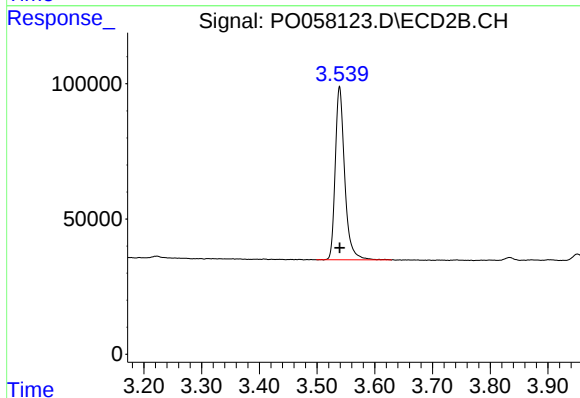
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

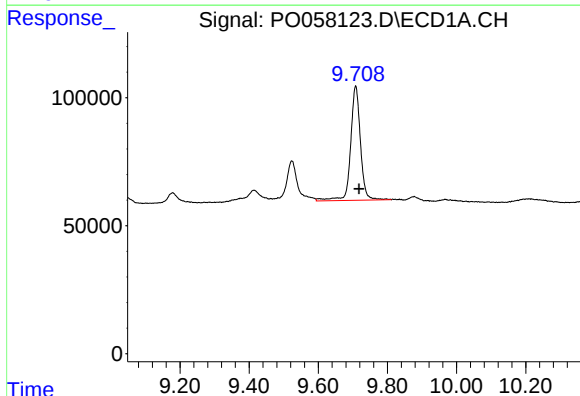
R.T.: 4.197 min
Delta R.T.: -0.003 min
Response: 816473
Conc: 24.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



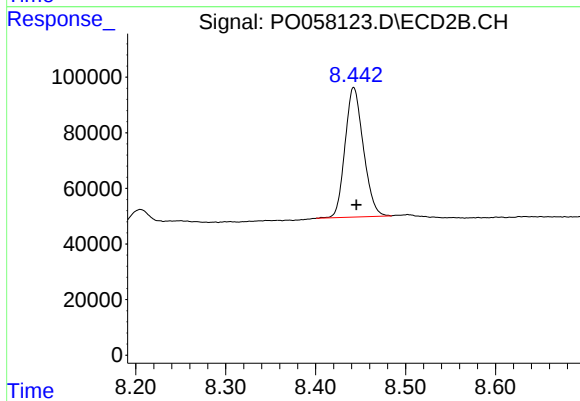
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 728402
Conc: 22.71 ng/ml



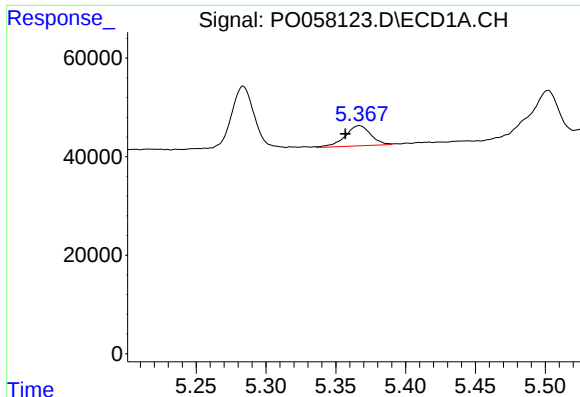
#2 Decachlorobiphenyl

R.T.: 9.708 min
Delta R.T.: -0.010 min
Response: 883923
Conc: 17.28 ng/ml



#2 Decachlorobiphenyl

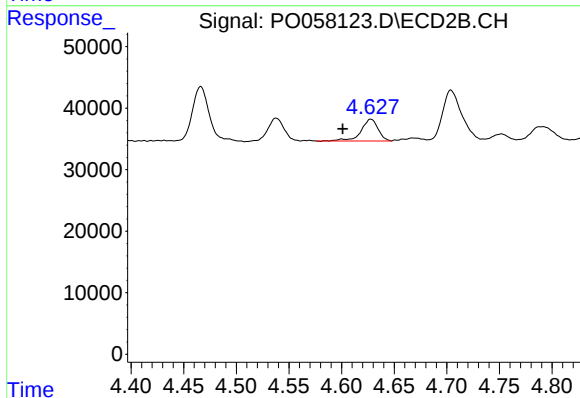
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 660860
Conc: 19.28 ng/ml



#3 AR-1016-1

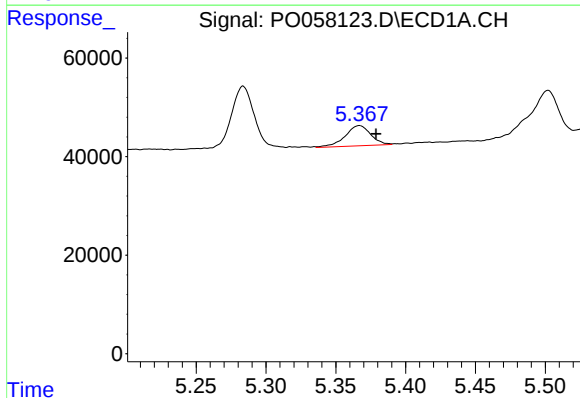
R.T.: 5.367 min
Delta R.T.: 0.010 min
Response: 52631
Conc: 34.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



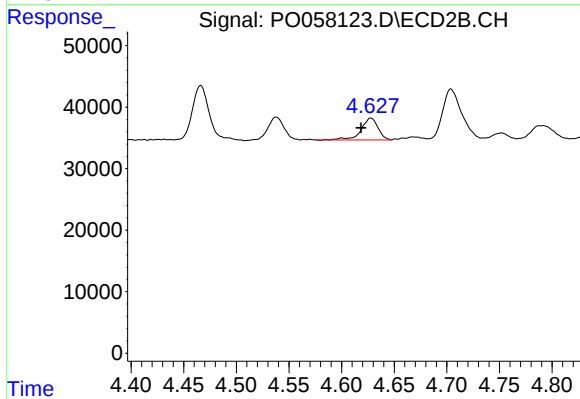
#3 AR-1016-1

R.T.: 4.628 min
Delta R.T.: 0.027 min
Response: 39914
Conc: 33.40 ng/ml



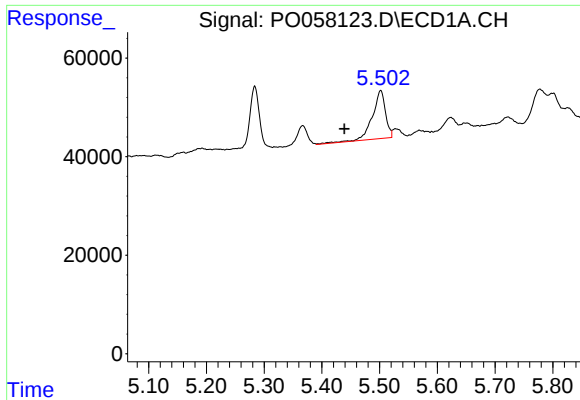
#4 AR-1016-2

R.T.: 5.367 min
Delta R.T.: -0.012 min
Response: 52631
Conc: 23.30 ng/ml



#4 AR-1016-2

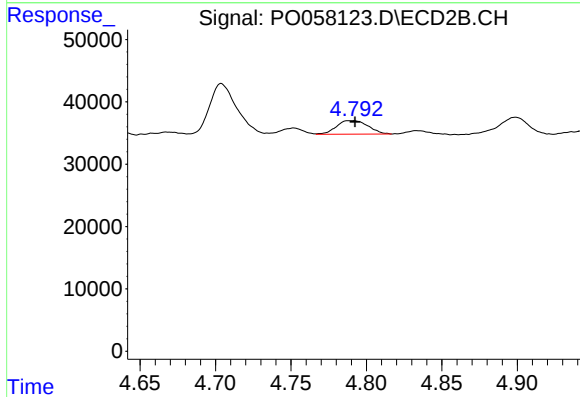
R.T.: 4.628 min
Delta R.T.: 0.009 min
Response: 39914
Conc: 22.53 ng/ml



#5 AR-1016-3

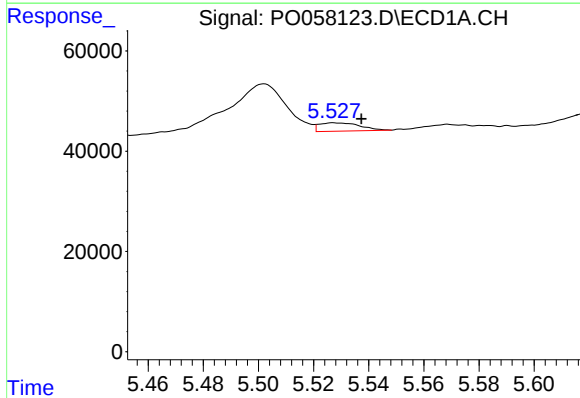
R.T.: 5.502 min
Delta R.T.: 0.063 min
Response: 154531
Conc: 109.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



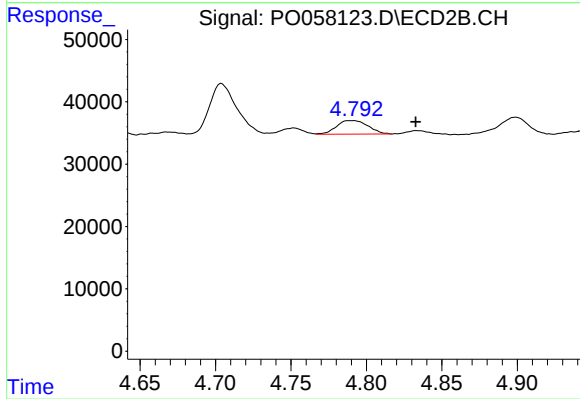
#5 AR-1016-3

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 31850
Conc: 33.93 ng/ml



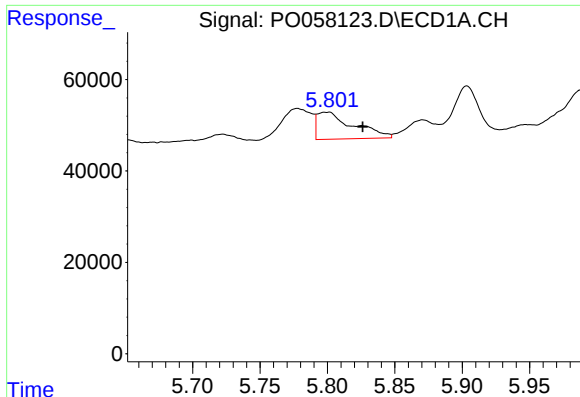
#6 AR-1016-4

R.T.: 5.528 min
Delta R.T.: -0.010 min
Response: 17162
Conc: 15.07 ng/ml



#6 AR-1016-4

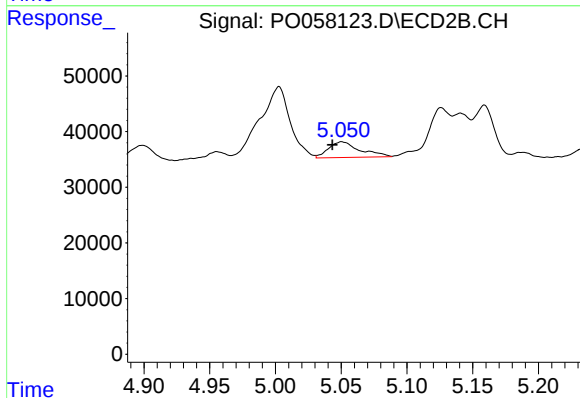
R.T.: 4.791 min
Delta R.T.: -0.042 min
Response: 31850
Conc: 40.91 ng/ml



#7 AR-1016-5

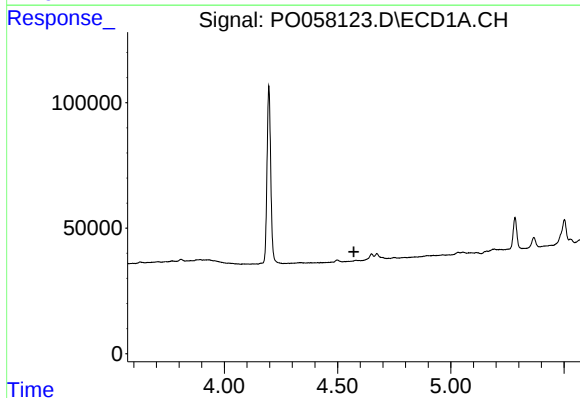
R.T.: 5.801 min
Delta R.T.: -0.026 min
Response: 110977
Conc: 96.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



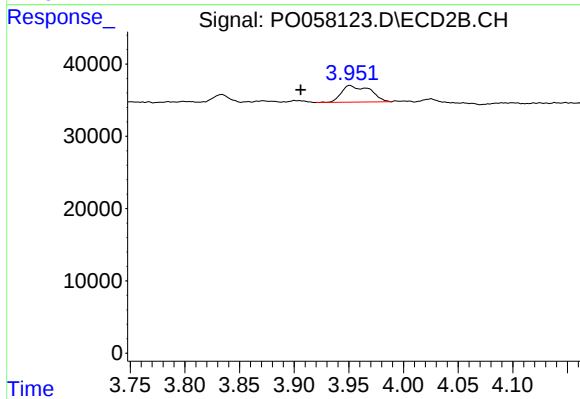
#7 AR-1016-5

R.T.: 5.051 min
Delta R.T.: 0.007 min
Response: 47023
Conc: 45.87 ng/ml



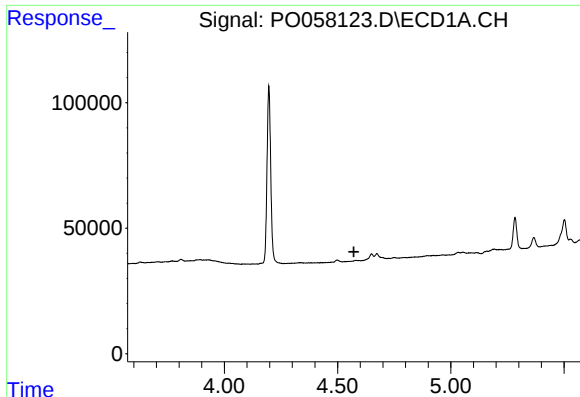
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.



#10 AR-1221-3

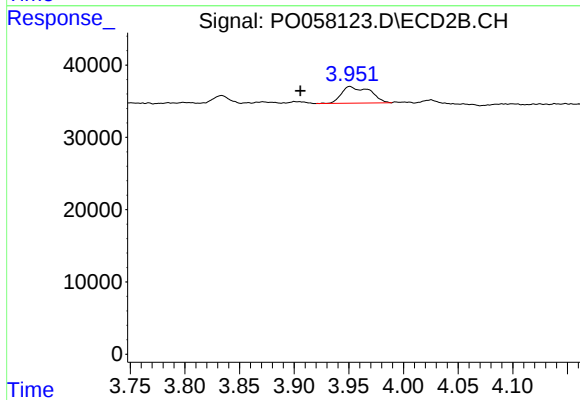
R.T.: 3.951 min
Delta R.T.: 0.045 min
Response: 41910
Conc: 49.47 ng/ml



#11 AR-1232-1

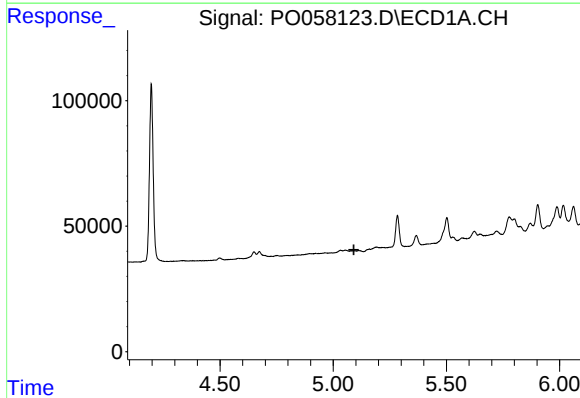
R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
K580-S6



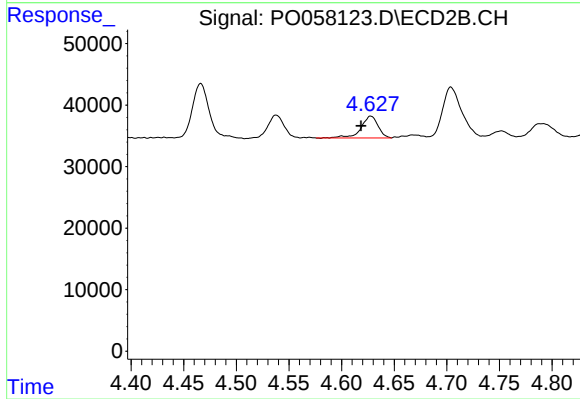
#11 AR-1232-1

R.T.: 3.951 min
Delta R.T.: 0.045 min
Response: 41910
Conc: 59.45 ng/ml



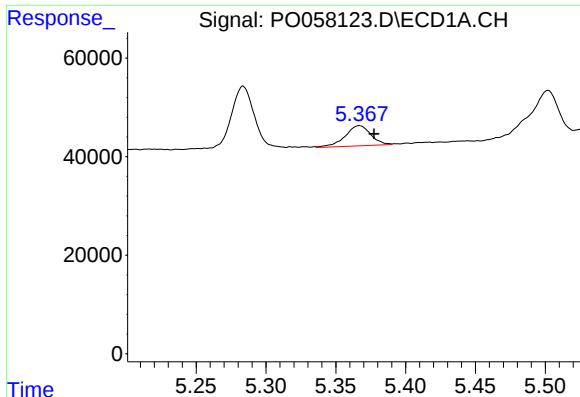
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.091 min
Response: 0
Conc: N.D.



#12 AR-1232-2

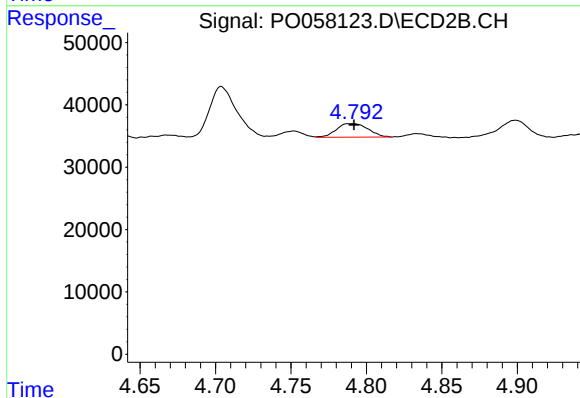
R.T.: 4.628 min
Delta R.T.: 0.009 min
Response: 39914
Conc: 50.57 ng/ml



#13 AR-1232-3

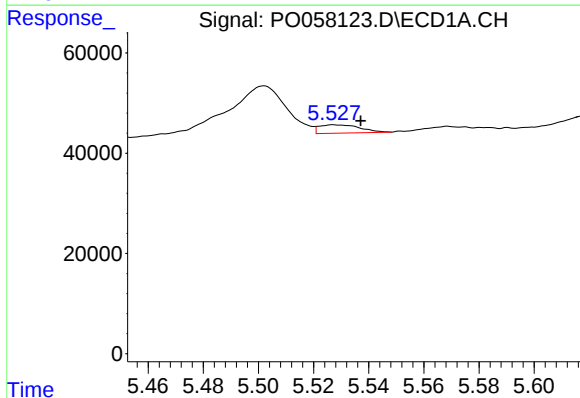
R.T.: 5.367 min
Delta R.T.: -0.011 min
Response: 52631
Conc: 52.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



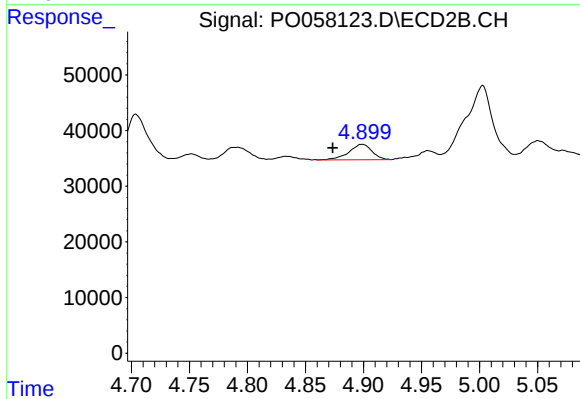
#13 AR-1232-3

R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 31850
Conc: 77.39 ng/ml



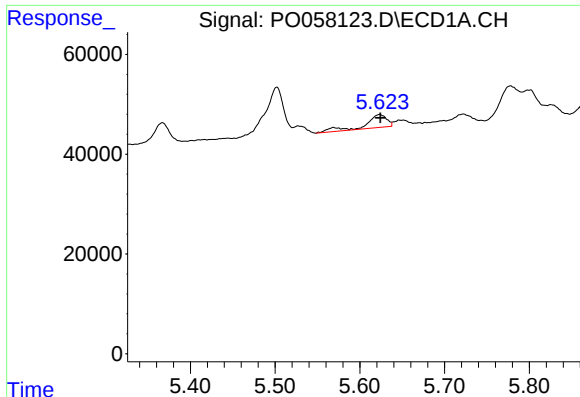
#14 AR-1232-4

R.T.: 5.528 min
Delta R.T.: -0.010 min
Response: 17162
Conc: 34.42 ng/ml



#14 AR-1232-4

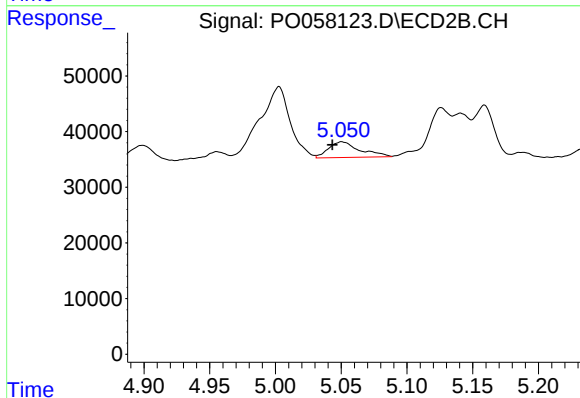
R.T.: 4.899 min
Delta R.T.: 0.025 min
Response: 38218
Conc: 104.14 ng/ml



#15 AR-1232-5

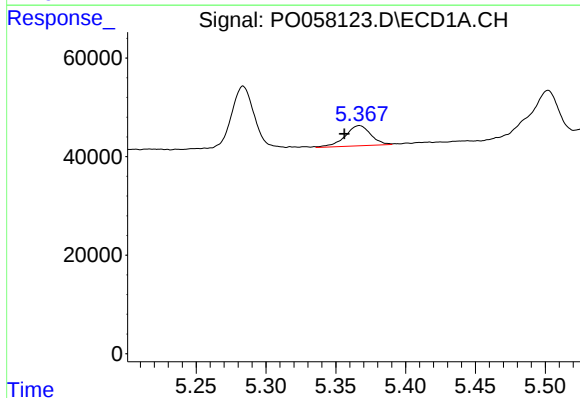
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 45925
Conc: 121.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



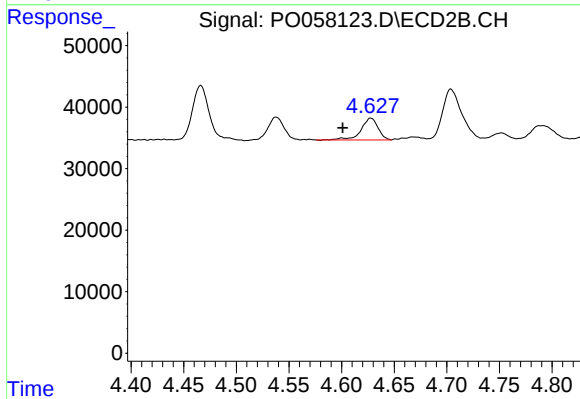
#15 AR-1232-5

R.T.: 5.051 min
Delta R.T.: 0.007 min
Response: 47023
Conc: 113.60 ng/ml



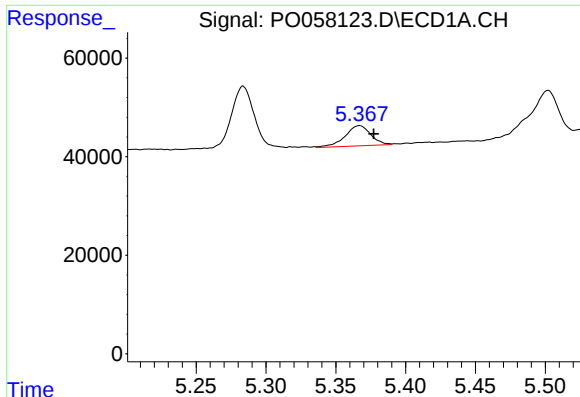
#16 AR-1242-1

R.T.: 5.367 min
Delta R.T.: 0.011 min
Response: 52631
Conc: 42.97 ng/ml



#16 AR-1242-1

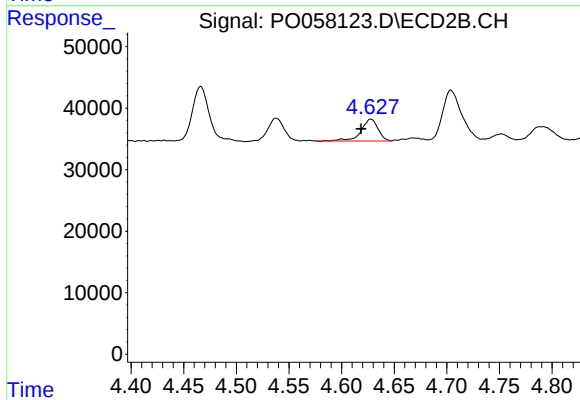
R.T.: 4.628 min
Delta R.T.: 0.027 min
Response: 39914
Conc: 41.88 ng/ml



#17 AR-1242-2

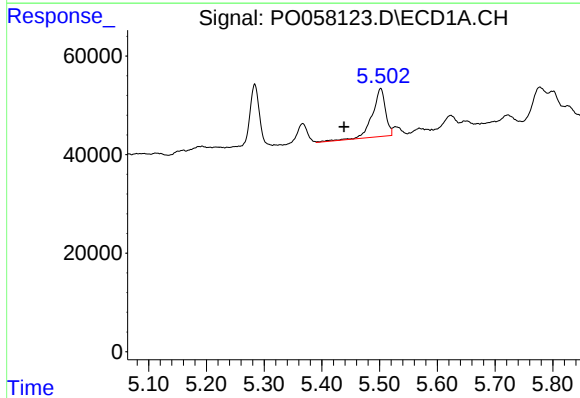
R.T.: 5.367 min
Delta R.T.: -0.010 min
Response: 52631
Conc: 28.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



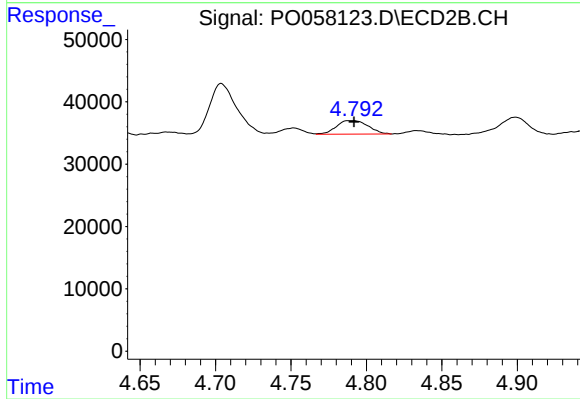
#17 AR-1242-2

R.T.: 4.628 min
Delta R.T.: 0.009 min
Response: 39914
Conc: 28.61 ng/ml



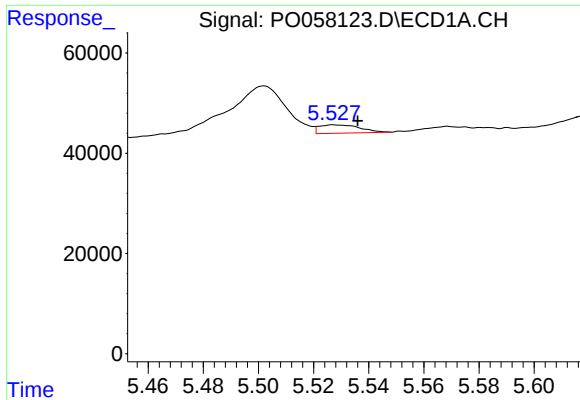
#18 AR-1242-3

R.T.: 5.502 min
Delta R.T.: 0.064 min
Response: 154531
Conc: 133.09 ng/ml



#18 AR-1242-3

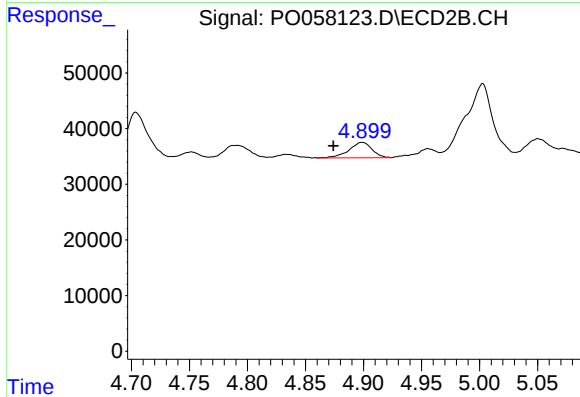
R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 31850
Conc: 41.54 ng/ml



#19 AR-1242-4

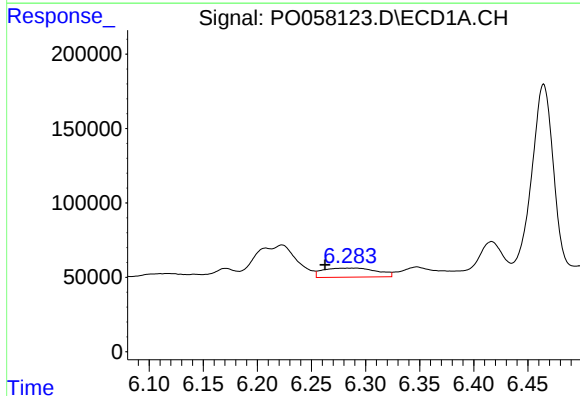
R.T.: 5.528 min
Delta R.T.: -0.009 min
Response: 17162
Conc: 18.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



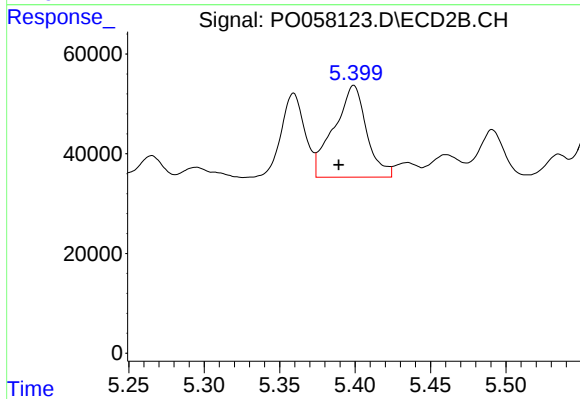
#19 AR-1242-4

R.T.: 4.899 min
Delta R.T.: 0.025 min
Response: 38218
Conc: 50.35 ng/ml



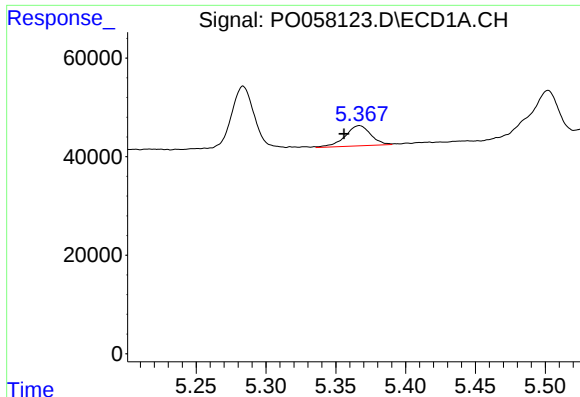
#20 AR-1242-5

R.T.: 6.291 min
Delta R.T.: 0.028 min
Response: 211040
Conc: 182.25 ng/ml



#20 AR-1242-5

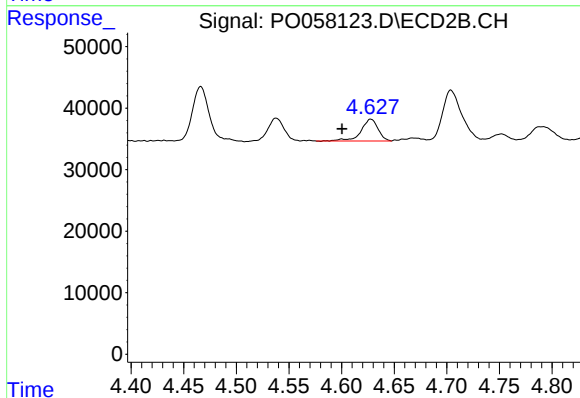
R.T.: 5.399 min
Delta R.T.: 0.010 min
Response: 277054
Conc: 290.76 ng/ml



#21 AR-1248-1

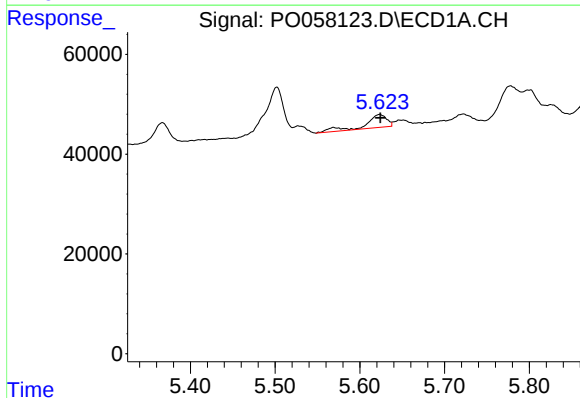
R.T.: 5.367 min
Delta R.T.: 0.011 min
Response: 52631
Conc: 56.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



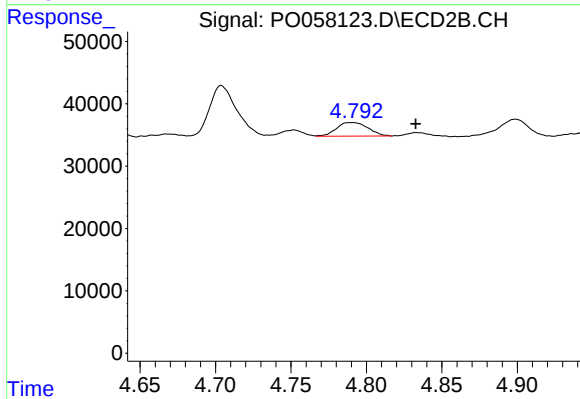
#21 AR-1248-1

R.T.: 4.628 min
Delta R.T.: 0.027 min
Response: 39914
Conc: 54.35 ng/ml



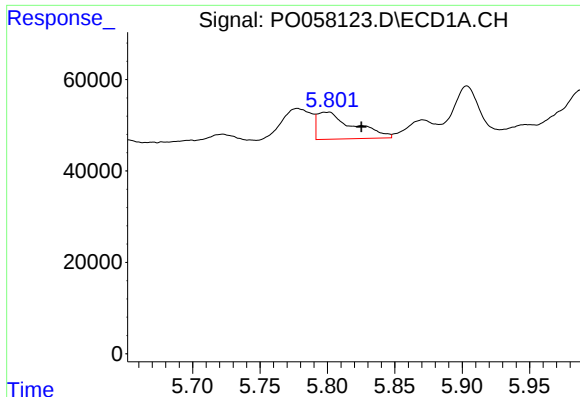
#22 AR-1248-2

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 45925
Conc: 34.08 ng/ml



#22 AR-1248-2

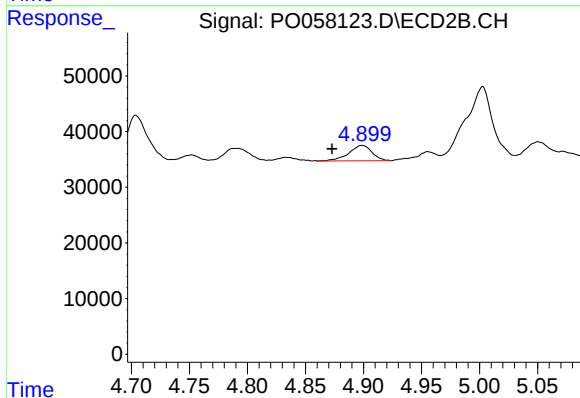
R.T.: 4.791 min
Delta R.T.: -0.042 min
Response: 31850
Conc: 31.26 ng/ml



#23 AR-1248-3

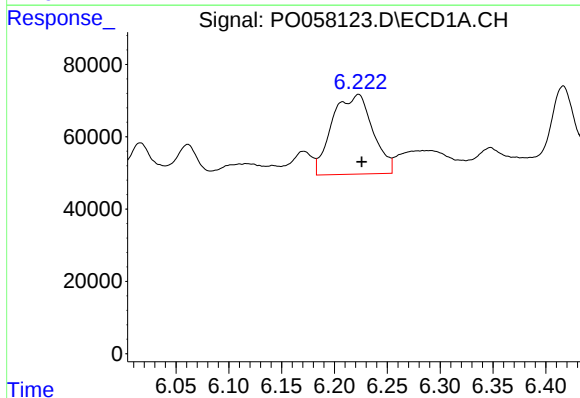
R.T.: 5.801 min
Delta R.T.: -0.025 min
Response: 110977
Conc: 71.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



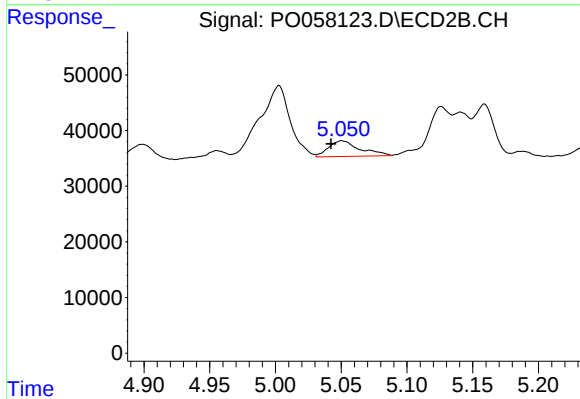
#23 AR-1248-3

R.T.: 4.899 min
Delta R.T.: 0.026 min
Response: 38218
Conc: 36.36 ng/ml



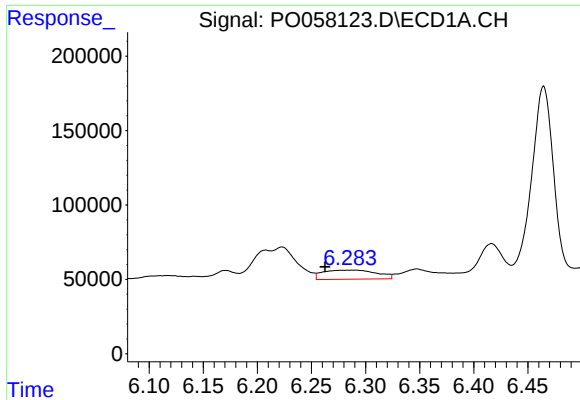
#24 AR-1248-4

R.T.: 6.223 min
Delta R.T.: -0.003 min
Response: 586390
Conc: 299.51 ng/ml



#24 AR-1248-4

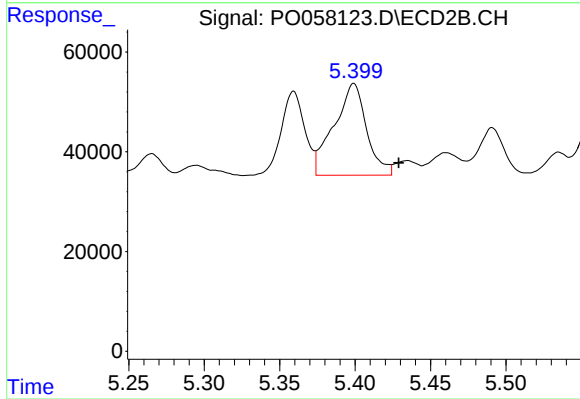
R.T.: 5.051 min
Delta R.T.: 0.008 min
Response: 47023
Conc: 36.52 ng/ml



#25 AR-1248-5

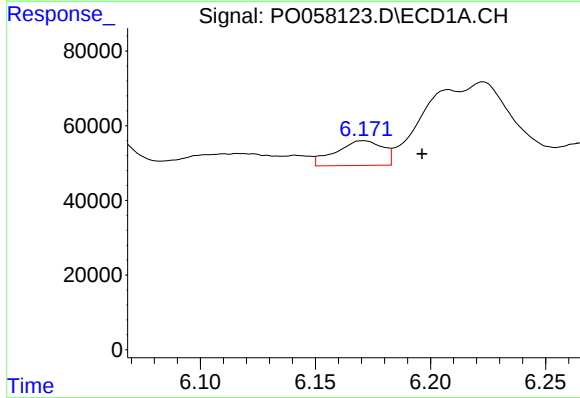
R.T.: 6.291 min
Delta R.T.: 0.028 min
Response: 211040
Conc: 110.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



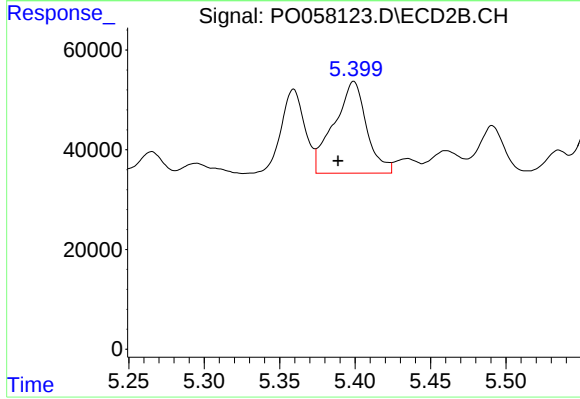
#25 AR-1248-5

R.T.: 5.399 min
Delta R.T.: -0.030 min
Response: 277054
Conc: 219.16 ng/ml



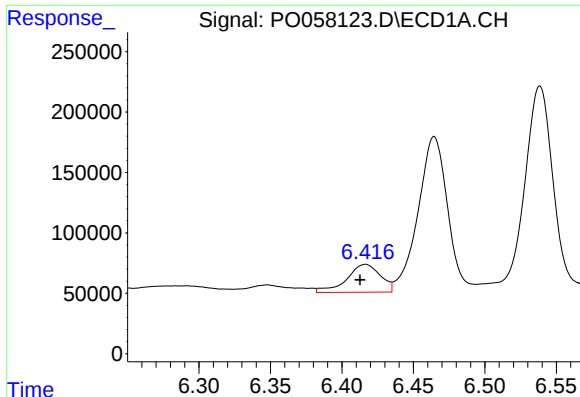
#26 AR-1254-1

R.T.: 6.171 min
Delta R.T.: -0.026 min
Response: 94578
Conc: 48.13 ng/ml



#26 AR-1254-1

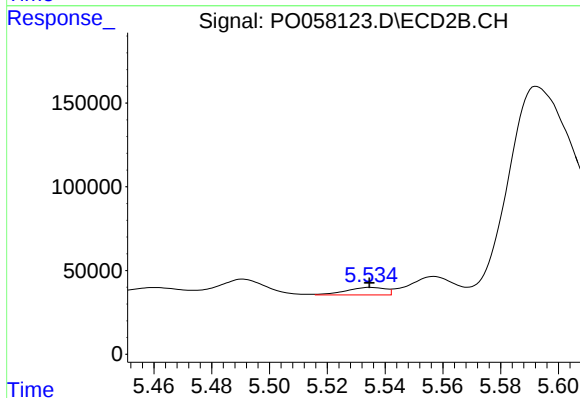
R.T.: 5.399 min
Delta R.T.: 0.010 min
Response: 277054
Conc: 135.98 ng/ml



#27 AR-1254-2

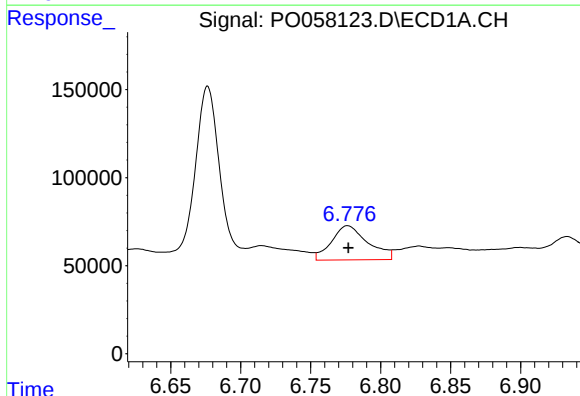
R.T.: 6.417 min
Delta R.T.: 0.004 min
Response: 379492
Conc: 116.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



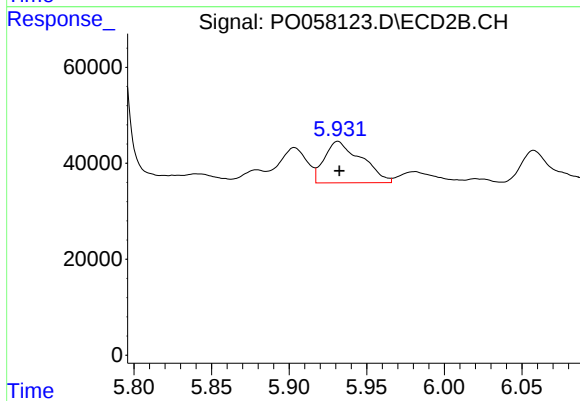
#27 AR-1254-2

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 42442
Conc: 23.42 ng/ml



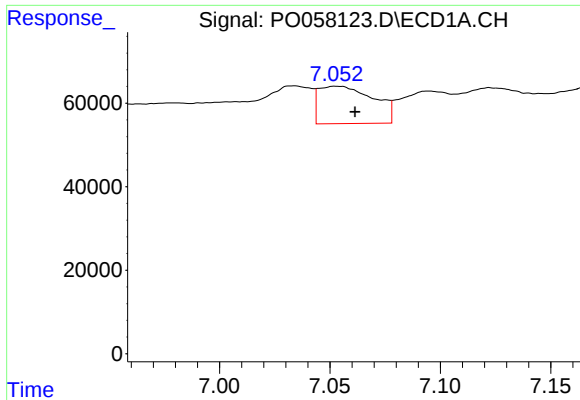
#28 AR-1254-3

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 352022
Conc: 99.79 ng/ml



#28 AR-1254-3

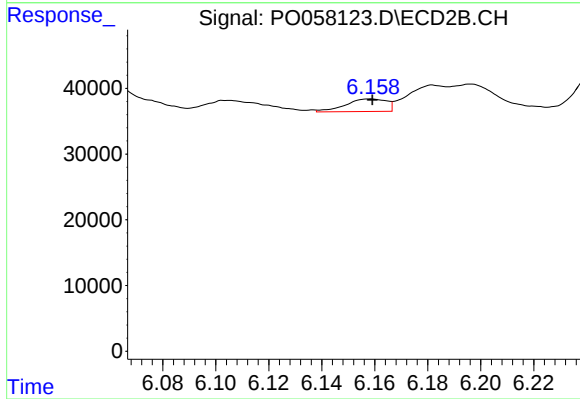
R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 143854
Conc: 49.12 ng/ml



#29 AR-1254-4

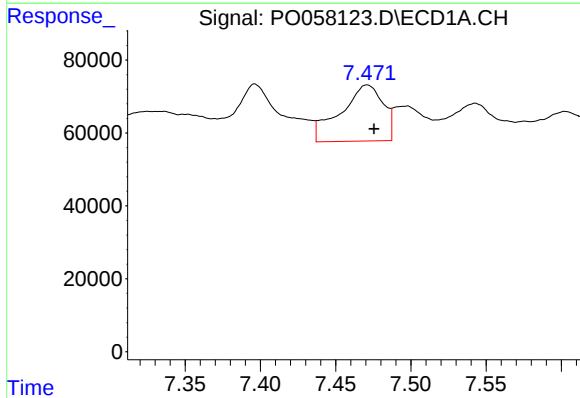
R.T.: 7.053 min
Delta R.T.: -0.008 min
Response: 154345
Conc: 52.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



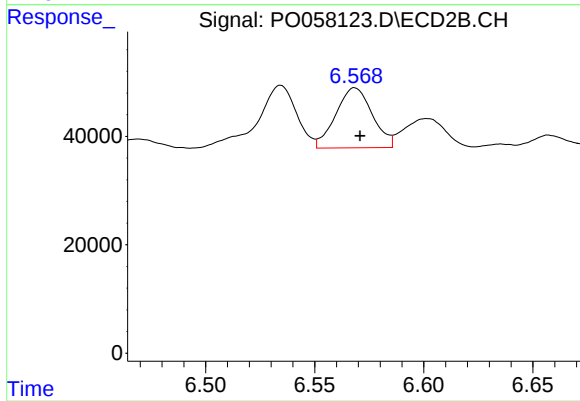
#29 AR-1254-4

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 20364
Conc: 11.02 ng/ml



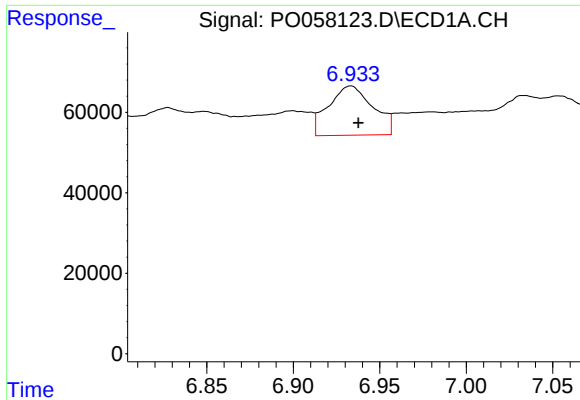
#30 AR-1254-5

R.T.: 7.471 min
Delta R.T.: -0.005 min
Response: 303037
Conc: 103.24 ng/ml



#30 AR-1254-5

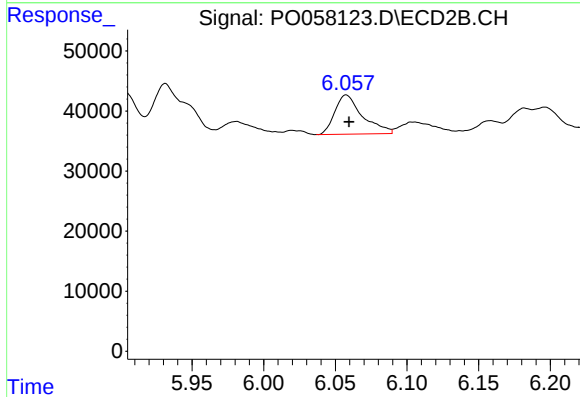
R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 129452
Conc: 47.62 ng/ml



#31 AR-1260-1

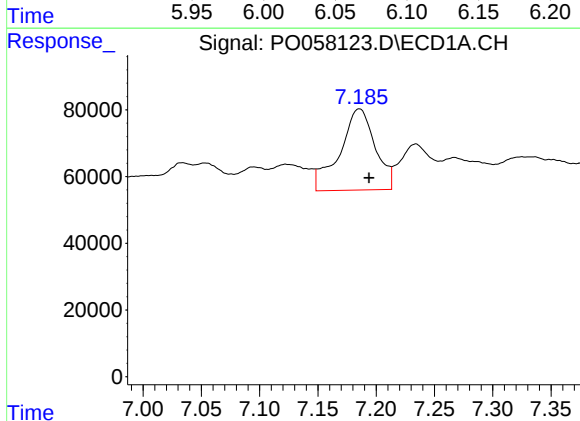
R.T.: 6.933 min
Delta R.T.: -0.004 min
Response: 218473
Conc: 87.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



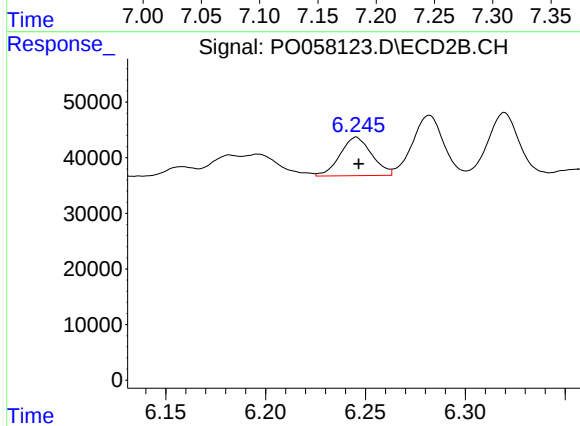
#31 AR-1260-1

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 87754
Conc: 43.33 ng/ml



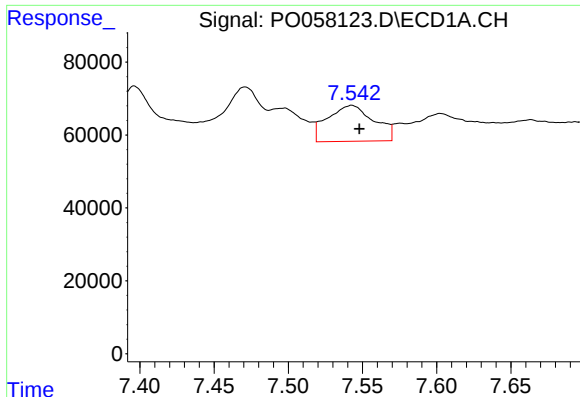
#32 AR-1260-2

R.T.: 7.186 min
Delta R.T.: -0.008 min
Response: 516097
Conc: 146.79 ng/ml



#32 AR-1260-2

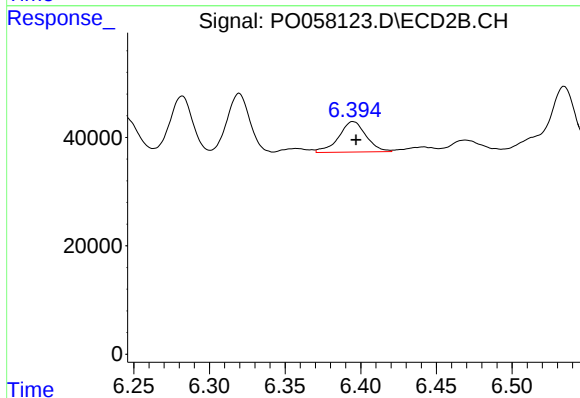
R.T.: 6.245 min
Delta R.T.: -0.001 min
Response: 76456
Conc: 29.73 ng/ml



#33 AR-1260-3

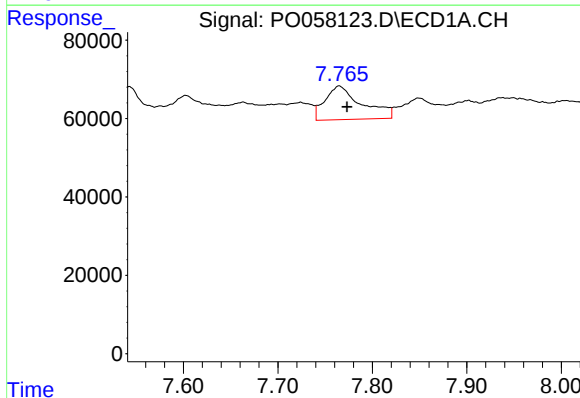
R.T.: 7.543 min
Delta R.T.: -0.005 min
Response: 214674
Conc: 73.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



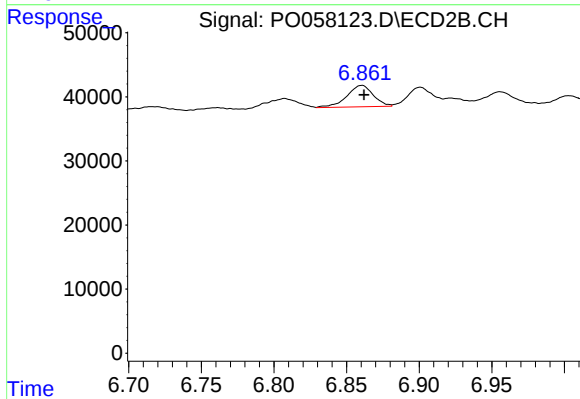
#33 AR-1260-3

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 71083
Conc: 31.17 ng/ml



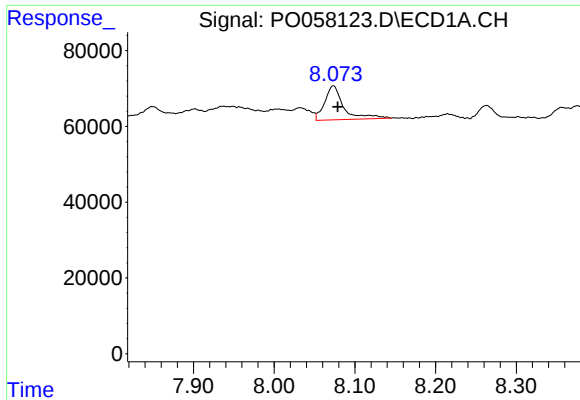
#34 AR-1260-4

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 230941
Conc: 84.54 ng/ml



#34 AR-1260-4

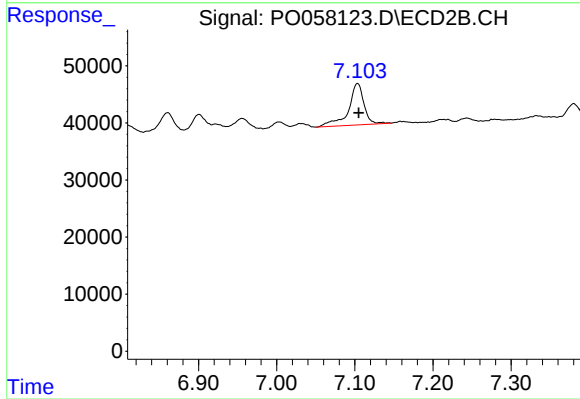
R.T.: 6.860 min
Delta R.T.: -0.002 min
Response: 42473
Conc: 21.94 ng/ml



#35 AR-1260-5

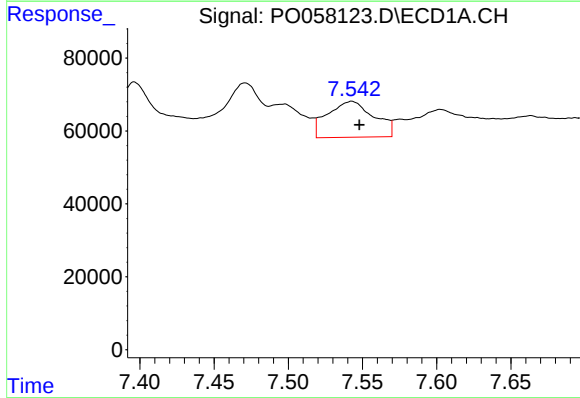
R.T.: 8.073 min
Delta R.T.: -0.006 min
Response: 146952
Conc: 25.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



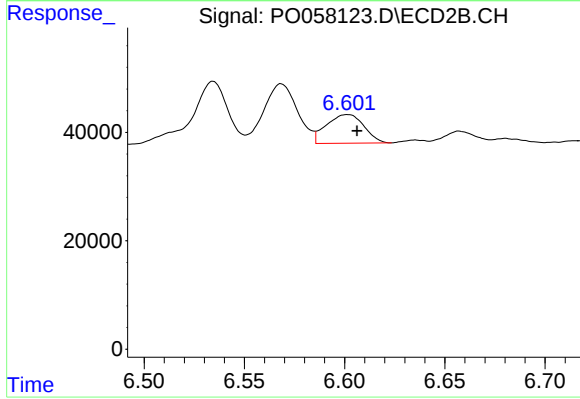
#35 AR-1260-5

R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 99425
Conc: 21.60 ng/ml



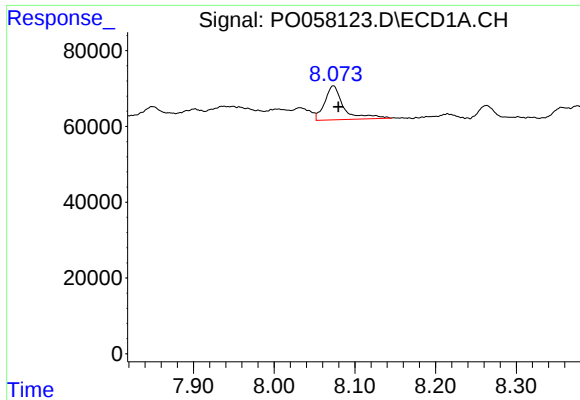
#36 AR-1262-1

R.T.: 7.543 min
Delta R.T.: -0.005 min
Response: 214674
Conc: 38.86 ng/ml



#36 AR-1262-1

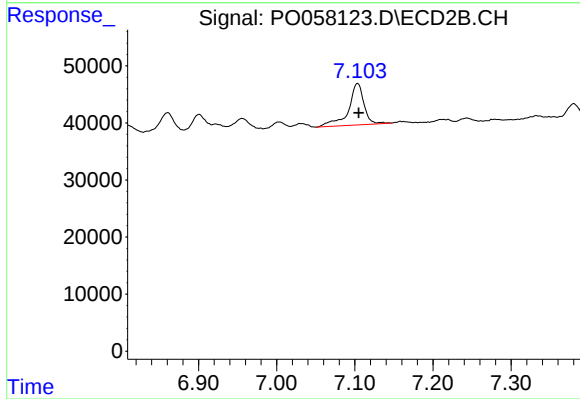
R.T.: 6.601 min
Delta R.T.: -0.005 min
Response: 69068
Conc: 17.39 ng/ml



#37 AR-1262-2

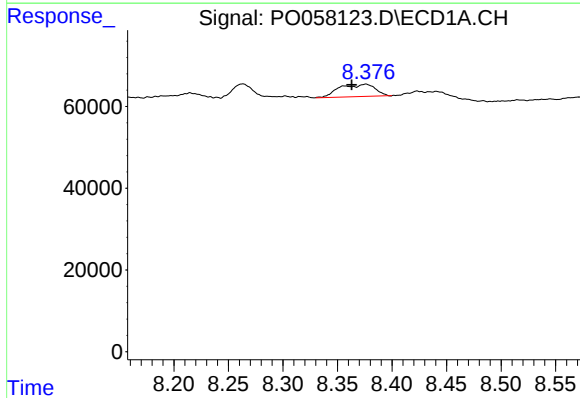
R.T.: 8.073 min
Delta R.T.: -0.006 min
Response: 146952
Conc: 17.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



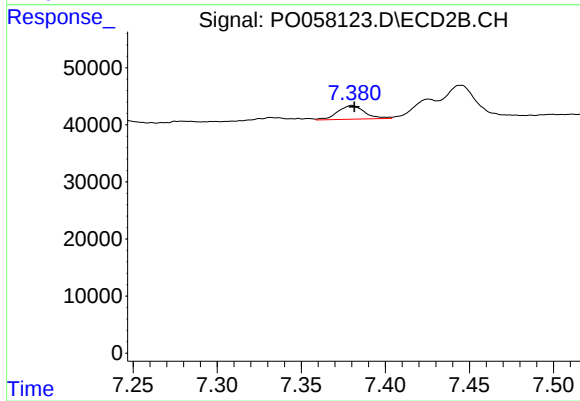
#37 AR-1262-2

R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 99425
Conc: 15.39 ng/ml



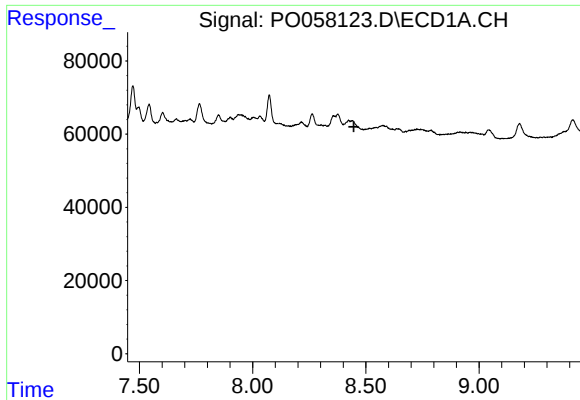
#38 AR-1262-3

R.T.: 8.376 min
Delta R.T.: 0.013 min
Response: 69126
Conc: 12.28 ng/ml



#38 AR-1262-3

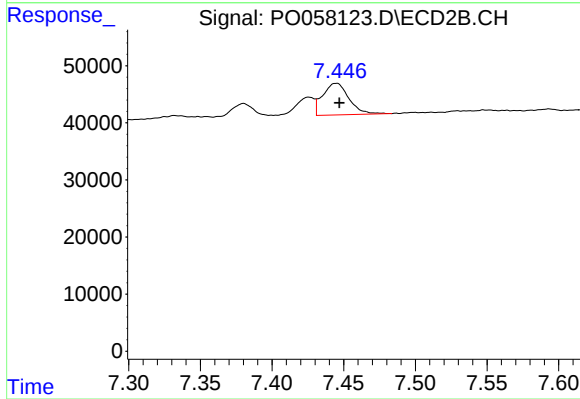
R.T.: 7.380 min
Delta R.T.: -0.001 min
Response: 26480
Conc: 9.61 ng/ml



#39 AR-1262-4

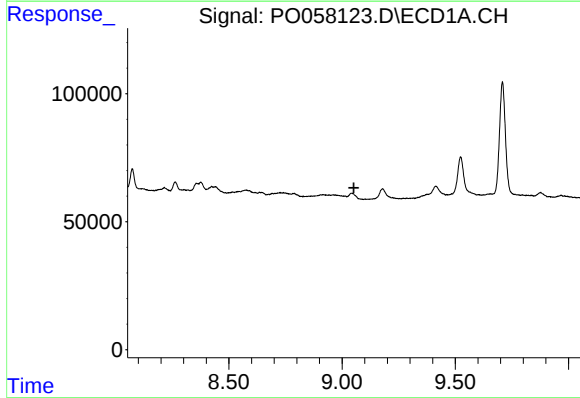
R.T.: 0.000 min
Exp R.T.: 8.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
K580-S6



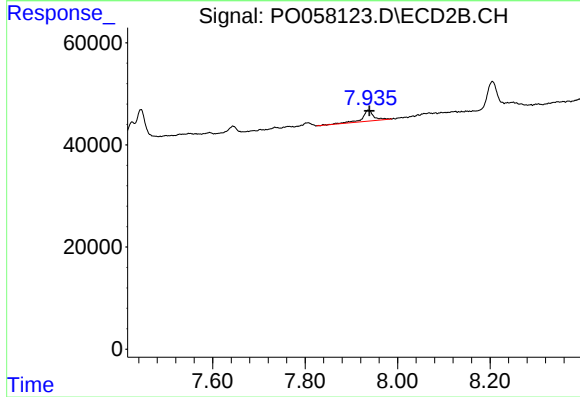
#39 AR-1262-4

R.T.: 7.445 min
Delta R.T.: -0.002 min
Response: 70551
Conc: 14.78 ng/ml



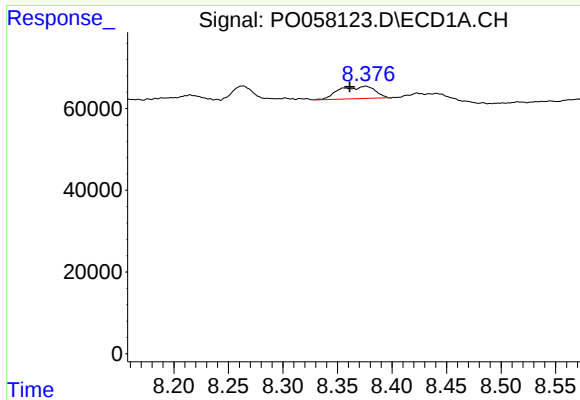
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.052 min
Response: 0
Conc: N.D.



#40 AR-1262-5

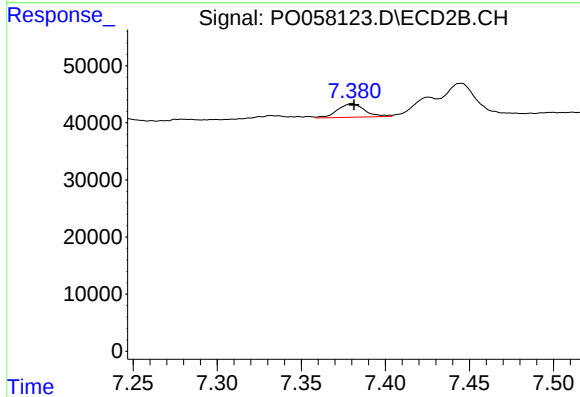
R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 37923
Conc: 19.07 ng/ml



#41 AR-1268-1

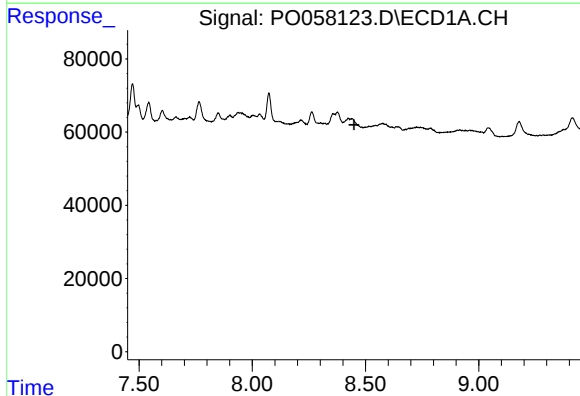
R.T.: 8.376 min
Delta R.T.: 0.015 min
Response: 69126
Conc: 6.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
K580-S6



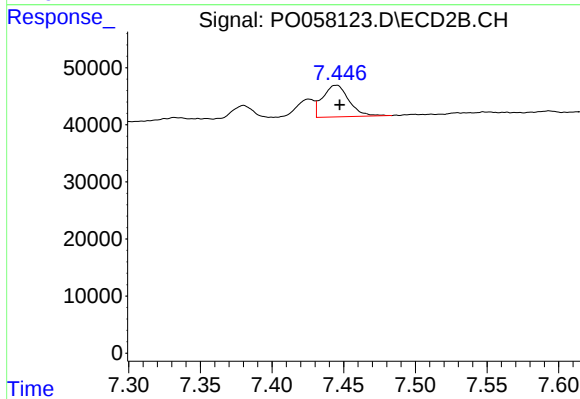
#41 AR-1268-1

R.T.: 7.380 min
Delta R.T.: -0.001 min
Response: 26480
Conc: 3.39 ng/ml



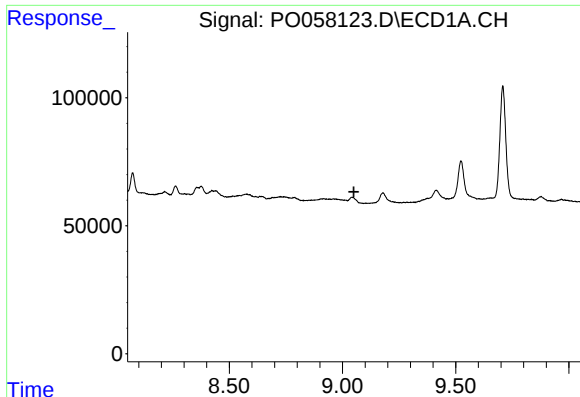
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.449 min
Response: 0
Conc: N.D.



#42 AR-1268-2

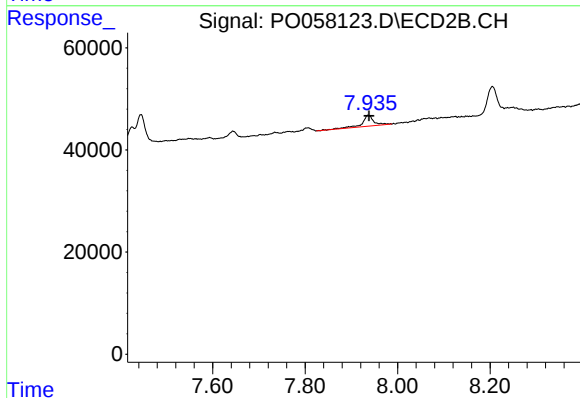
R.T.: 7.445 min
Delta R.T.: -0.003 min
Response: 70551
Conc: 9.90 ng/ml



#44 AR-1268-4

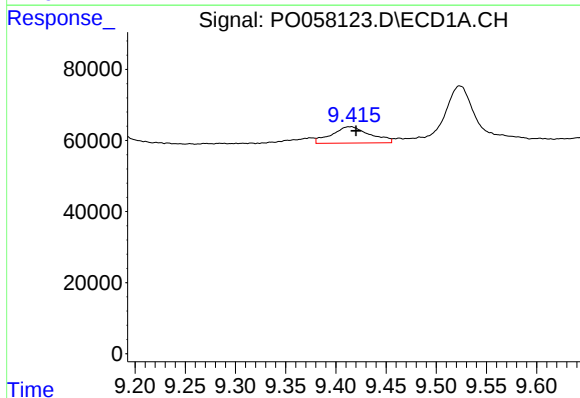
R.T.: 0.000 min
Exp R.T.: 9.050 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
K580-S6



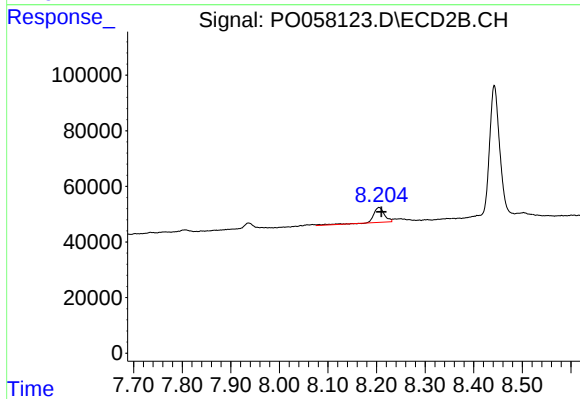
#44 AR-1268-4

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 37923
Conc: 18.13 ng/ml



#45 AR-1268-5

R.T.: 9.414 min
Delta R.T.: -0.006 min
Response: 121328
Conc: 5.57 ng/ml



#45 AR-1268-5

R.T.: 8.205 min
Delta R.T.: -0.005 min
Response: 86416
Conc: 5.18 ng/ml