

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
 Data File : P0059227.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2019 5:13
 Operator : SM/SJ
 Sample : K4095-05
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SU-04-080919-A

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 06:36:51 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	3.514	1071224	916262	25.383	22.935
2)	SA Decachlor...	9.649	8.389	1051155	740674	19.410	18.764
Target Compounds							
3)	L1 AR-1016-1	5.327	4.572	14624	29468	7.804	20.212 #
4)	L1 AR-1016-2	5.374	4.626	20517	36110	7.456	16.822 #
5)	L1 AR-1016-3	5.417	4.798	7515	95212	4.426	83.833 #
6)	L1 AR-1016-4	5.512	4.798	19998	95212	14.292	100.935 #
7)	L1 AR-1016-5	5.839	5.026	67845	24195	47.363	19.647 #
8)	L2 AR-1221-1	4.452	0.000	30016	0	66.076	N.D. #
9)	L2 AR-1221-2	4.452	0.000	30016	0	87.059	N.D. #
10)	L2 AR-1221-3	4.532	0.000	35074	0	31.985	N.D. #
11)	L3 AR-1232-1	4.532	0.000	35074	0	38.850	N.D. #
12)	L3 AR-1232-2	5.040	4.626	82734	36110	168.195	42.709 #
13)	L3 AR-1232-3	5.374	4.798	20517	95212	19.161	216.497 #
14)	L3 AR-1232-4	5.512	4.853	19998	48055	37.511	121.576 #
15)	L3 AR-1232-5	5.608	5.026	6946	24195	17.022	54.957 #
16)	L4 AR-1242-1	5.327	4.572	14624	29468	11.420	29.028 #
17)	L4 AR-1242-2	5.374	4.626	20517	36110	10.846	23.919 #
18)	L4 AR-1242-3	5.417	4.798	7515	95212	6.406	116.913 #
19)	L4 AR-1242-4	5.512	4.853	19998	48055	20.809	59.399 #
20)	L4 AR-1242-5	6.238	5.323	38299	14538	32.607	13.553 #
21)	L5 AR-1248-1	5.327	4.572	14624	29468	14.465	36.852 #
22)	L5 AR-1248-2	5.608	4.798	6946	95212	4.805	85.932 #
23)	L5 AR-1248-3	5.839	4.853	67845	48055	41.303	42.222
24)	L5 AR-1248-4	6.213	5.026	13925	24195	6.876	17.319 #
25)	L5 AR-1248-5	6.238	0.000	38299	0	19.841	N.D. #
26)	L6 AR-1254-1	6.174	5.323	116228	14538	49.222	5.612 #
27)	L6 AR-1254-2	6.368	5.555	45904	101003	11.911	44.117 #
28)	L6 AR-1254-3	6.739	0.000	43755	0	10.805	N.D. #
29)	L6 AR-1254-4	7.047	0.000	32461	0	9.015	N.D. #
30)	L6 AR-1254-5	7.452	6.526	48225	41272	13.304	11.964
31)	L7 AR-1260-1	6.931	0.000	21115	0	7.334	N.D. #
32)	L7 AR-1260-2	7.146	6.279	162970	71223	39.175	23.511 #
33)	L7 AR-1260-3	7.504	6.395	2868	48313	0.770	17.895 #
34)	L7 AR-1260-4	7.764	0.000	31349	0	9.199	N.D. #
35)	L7 AR-1260-5	8.032	0.000	42446	0	5.771	N.D. #
36)	L8 AR-1262-1	7.504	6.526	2868	41272	0.569	11.555 #
37)	L8 AR-1262-2	8.032	0.000	42446	0	5.333	N.D. #
38)	L8 AR-1262-3	8.349	0.000	10569	0	2.079	N.D. #
39)	L8 AR-1262-4	8.394	0.000	2790	0	0.736	N.D. #
41)	L9 AR-1268-1	8.349	0.000	10569	0	0.946	N.D. #
42)	L9 AR-1268-2	8.394	0.000	2790	0	0.297	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
Data File : P0059227.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 5:13
Operator : SM/SJ
Sample : K4095-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 06:36:51 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
43)	L9 AR-1268-3	8.641	0.000	37561	0	4.548	N.D. #
45)	L9 AR-1268-5	9.356	8.128	24087	4579	1.122	0.267 #

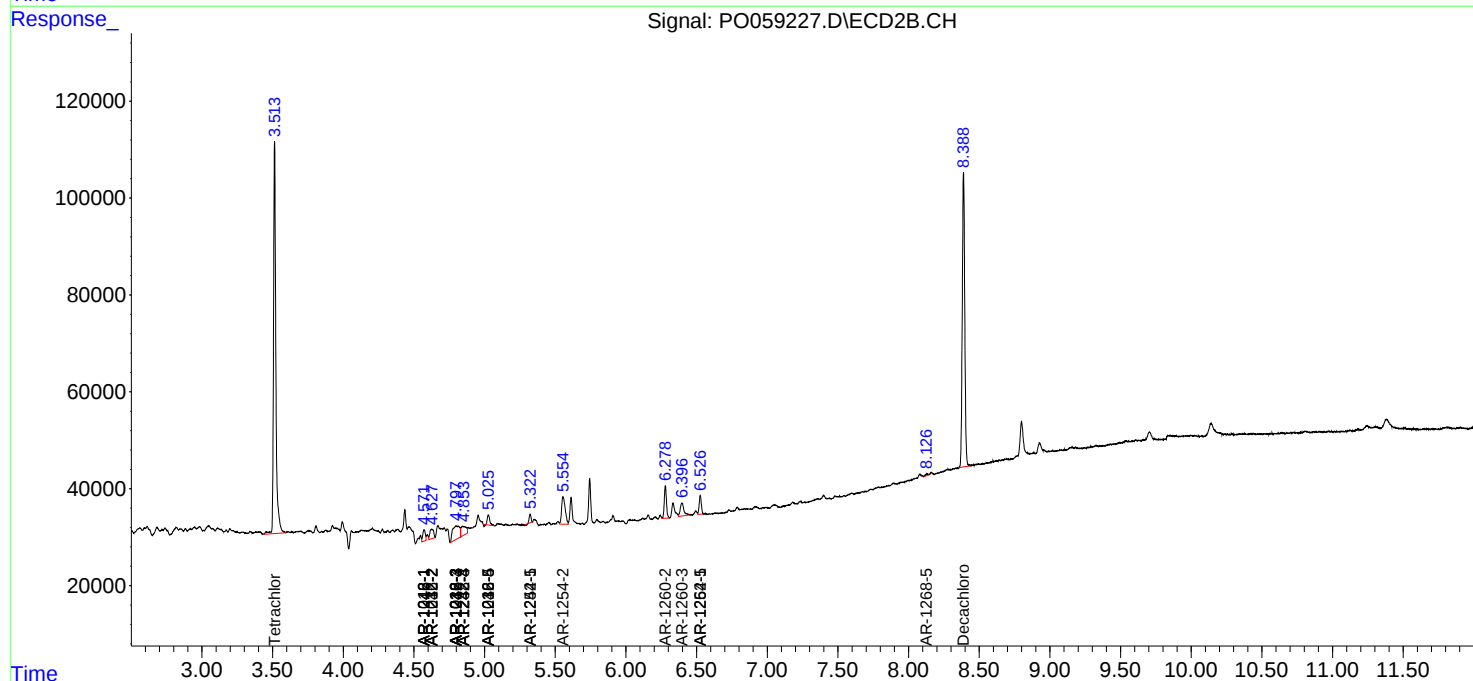
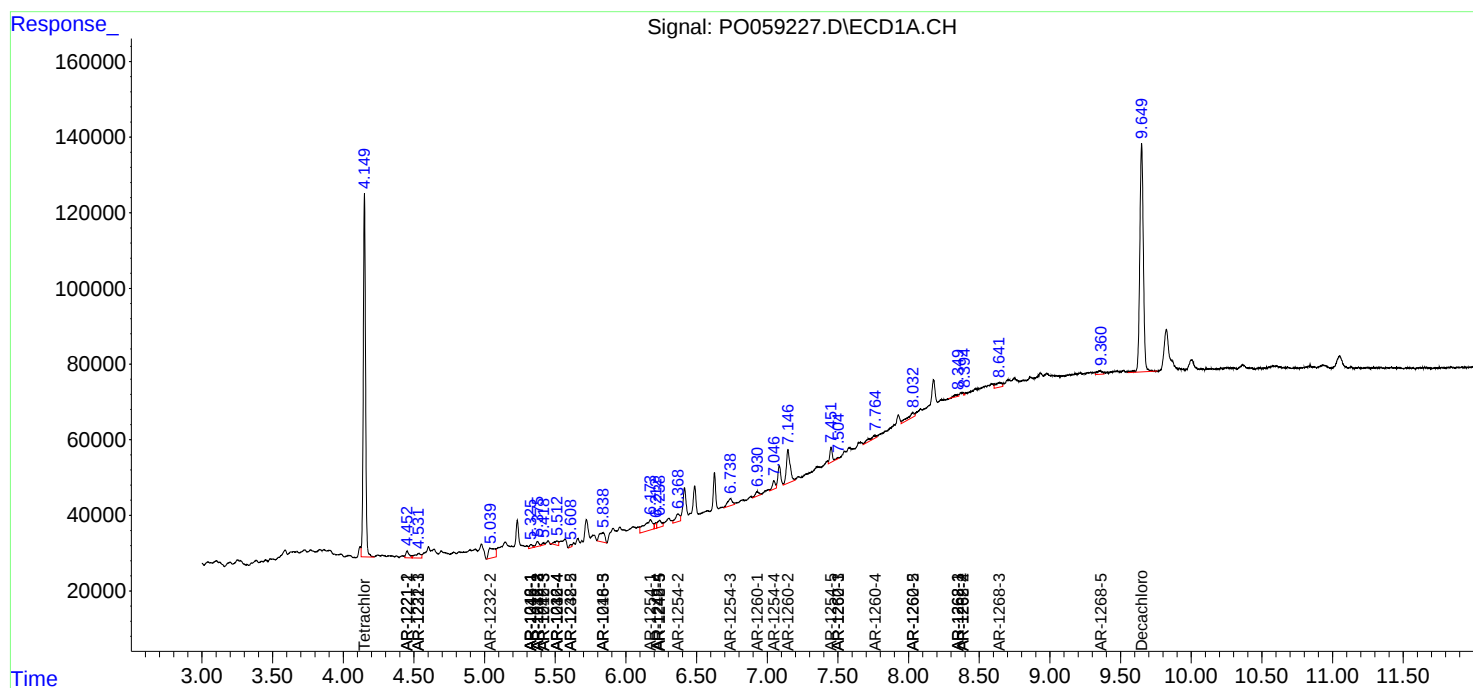
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

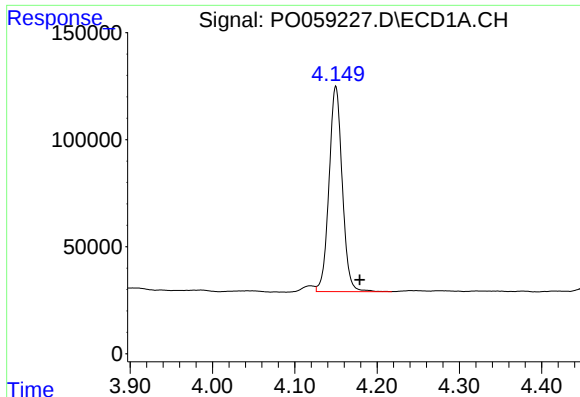
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081219\
Data File : PO059227.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 5:13
Operator : SM/SJ
Sample : K4095-05
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
SU-04-080919-A

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 06:36:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.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

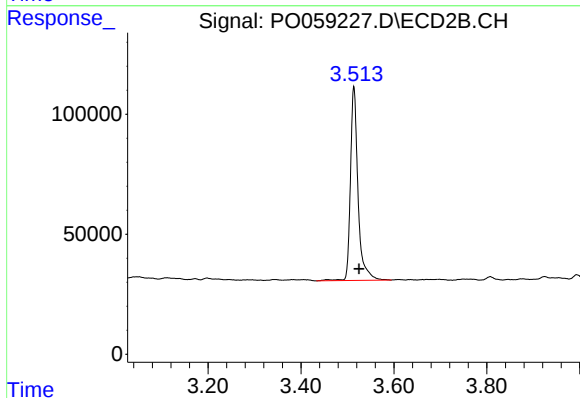




#1 Tetrachloro-m-xylene

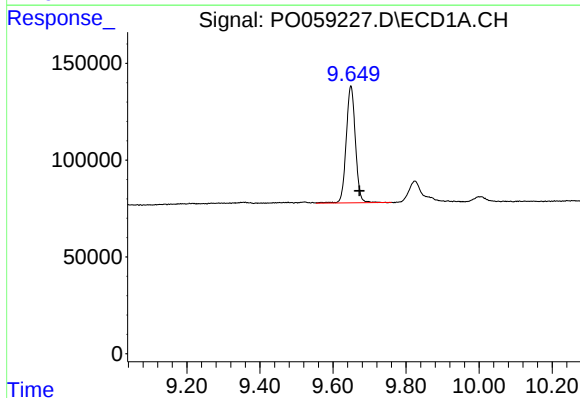
R.T.: 4.150 min
Delta R.T.: -0.029 min
Response: 1071224
Conc: 25.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



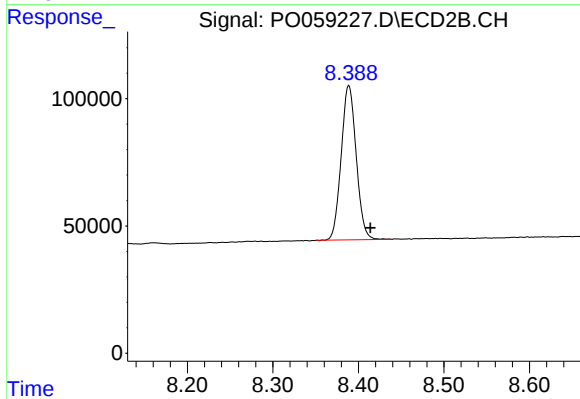
#1 Tetrachloro-m-xylene

R.T.: 3.514 min
Delta R.T.: -0.011 min
Response: 916262
Conc: 22.94 ng/ml



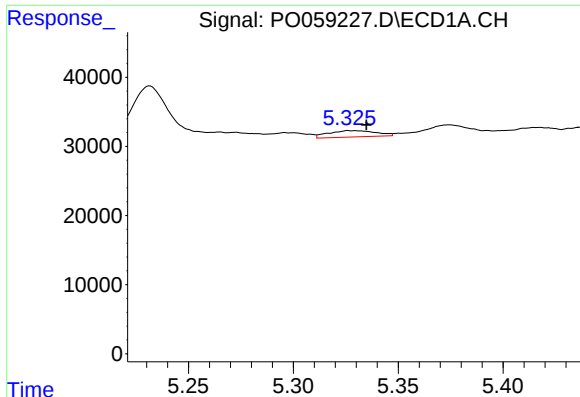
#2 Decachlorobiphenyl

R.T.: 9.649 min
Delta R.T.: -0.024 min
Response: 1051155
Conc: 19.41 ng/ml



#2 Decachlorobiphenyl

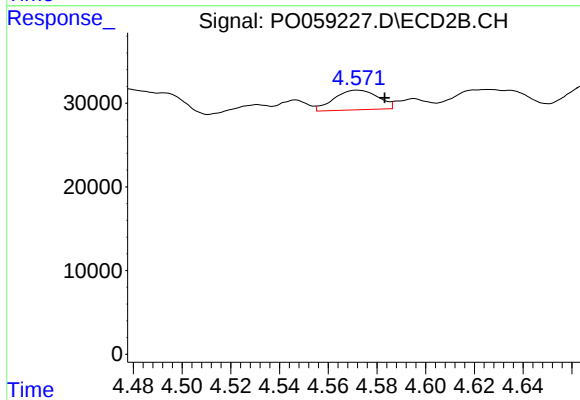
R.T.: 8.389 min
Delta R.T.: -0.025 min
Response: 740674
Conc: 18.76 ng/ml



#3 AR-1016-1

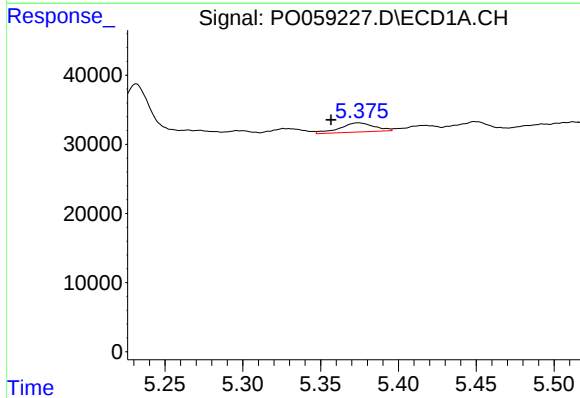
R.T.: 5.327 min
Delta R.T.: -0.007 min
Response: 14624
Conc: 7.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



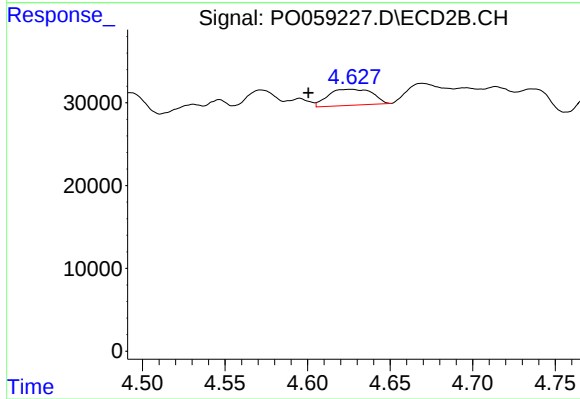
#3 AR-1016-1

R.T.: 4.572 min
Delta R.T.: -0.011 min
Response: 29468
Conc: 20.21 ng/ml



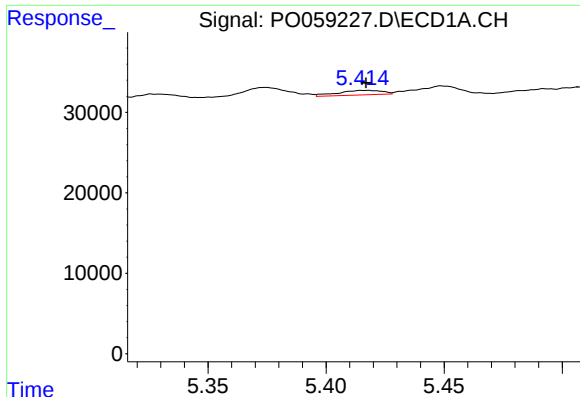
#4 AR-1016-2

R.T.: 5.374 min
Delta R.T.: 0.018 min
Response: 20517
Conc: 7.46 ng/ml



#4 AR-1016-2

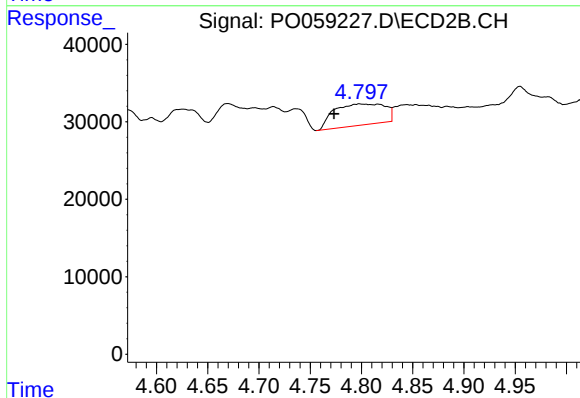
R.T.: 4.626 min
Delta R.T.: 0.025 min
Response: 36110
Conc: 16.82 ng/ml



#5 AR-1016-3

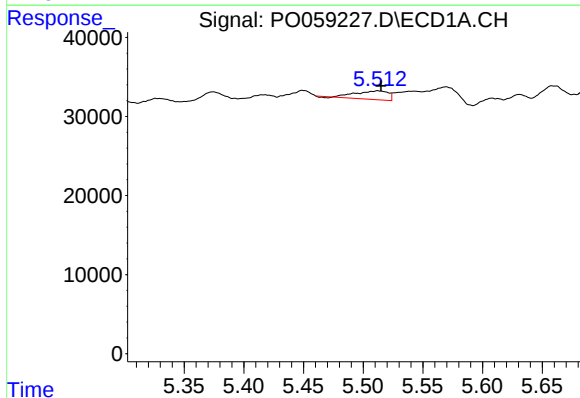
R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 7515
Conc: 4.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



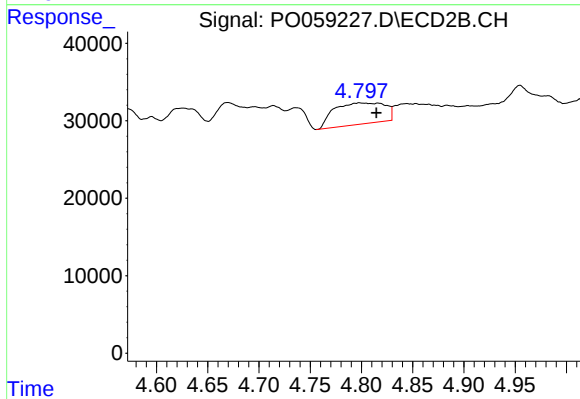
#5 AR-1016-3

R.T.: 4.798 min
Delta R.T.: 0.025 min
Response: 95212
Conc: 83.83 ng/ml



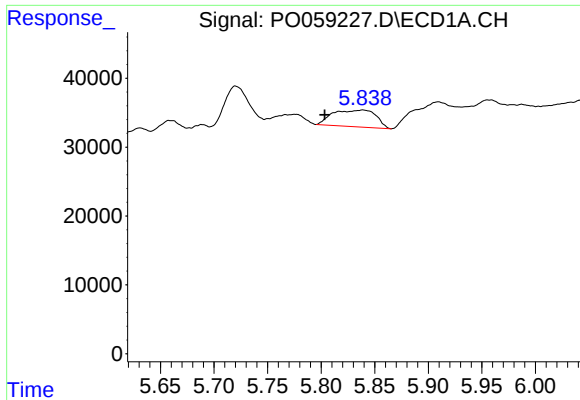
#6 AR-1016-4

R.T.: 5.512 min
Delta R.T.: -0.003 min
Response: 19998
Conc: 14.29 ng/ml



#6 AR-1016-4

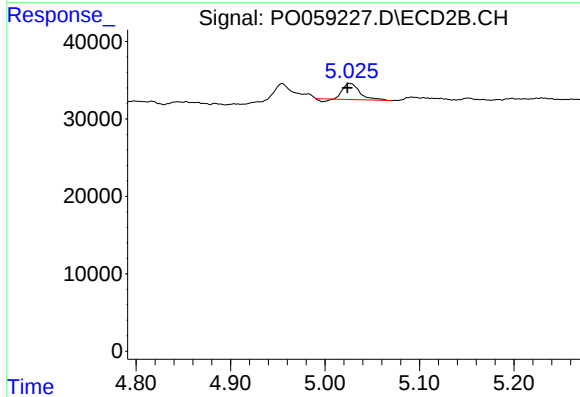
R.T.: 4.798 min
Delta R.T.: -0.016 min
Response: 95212
Conc: 100.93 ng/ml



#7 AR-1016-5

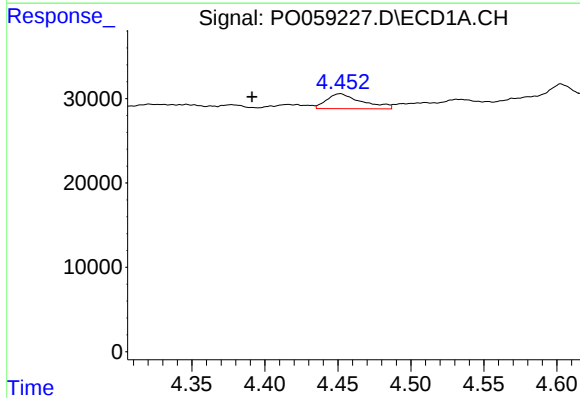
R.T.: 5.839 min
Delta R.T.: 0.036 min
Response: 67845
Conc: 47.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



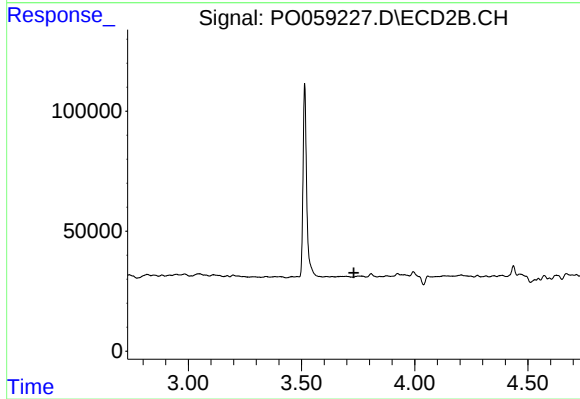
#7 AR-1016-5

R.T.: 5.026 min
Delta R.T.: 0.003 min
Response: 24195
Conc: 19.65 ng/ml



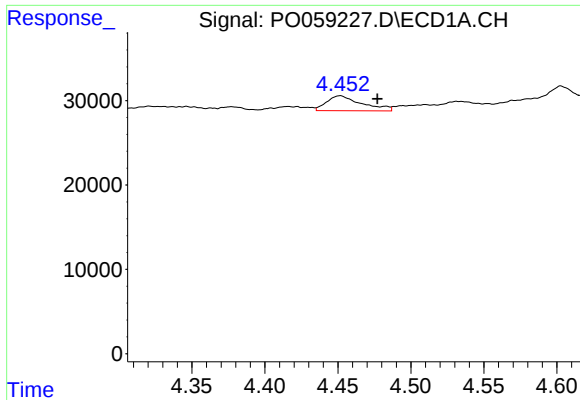
#8 AR-1221-1

R.T.: 4.452 min
Delta R.T.: 0.060 min
Response: 30016
Conc: 66.08 ng/ml



#8 AR-1221-1

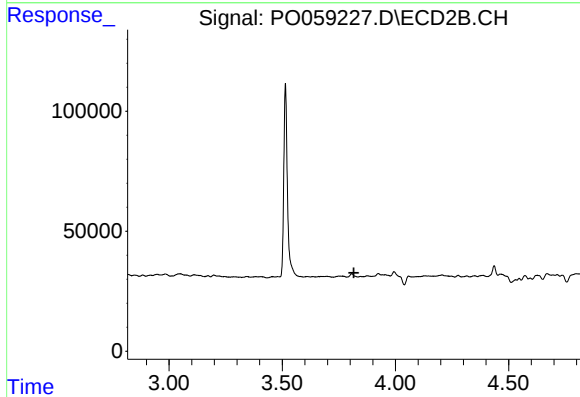
R.T.: 0.000 min
Exp R.T.: 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

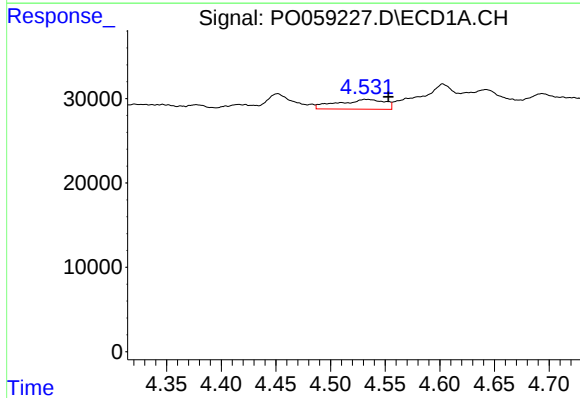
R.T.: 4.452 min
Delta R.T.: -0.026 min
Response: 30016
Conc: 87.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



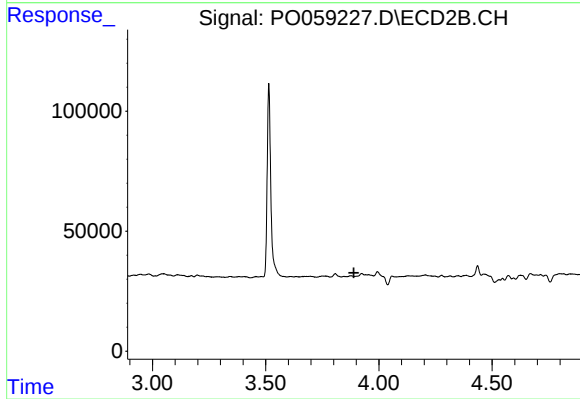
#9 AR-1221-2

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



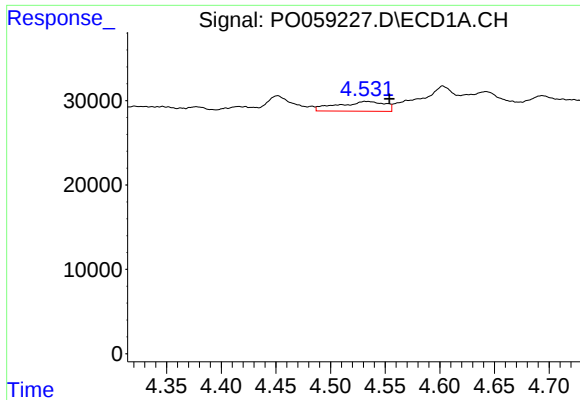
#10 AR-1221-3

R.T.: 4.532 min
Delta R.T.: -0.021 min
Response: 35074
Conc: 31.98 ng/ml



#10 AR-1221-3

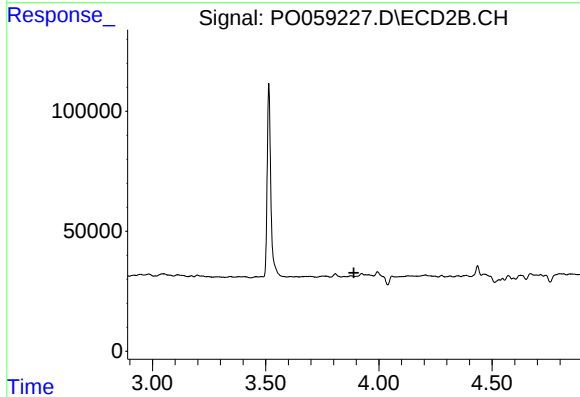
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

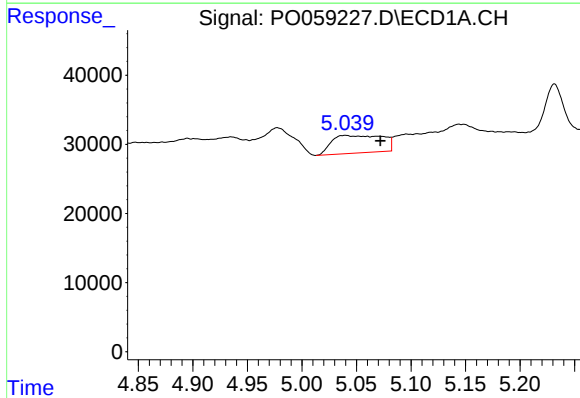
R.T.: 4.532 min
Delta R.T.: -0.022 min
Response: 35074
Conc: 38.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



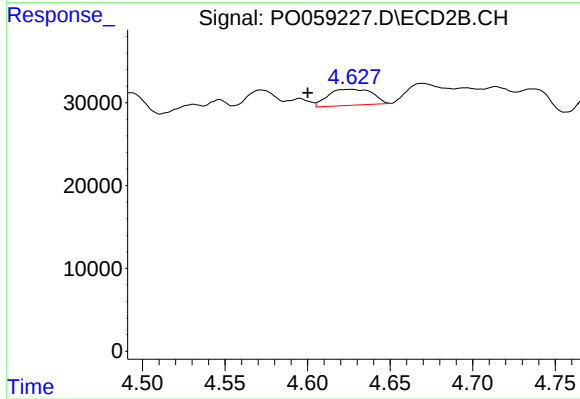
#11 AR-1232-1

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



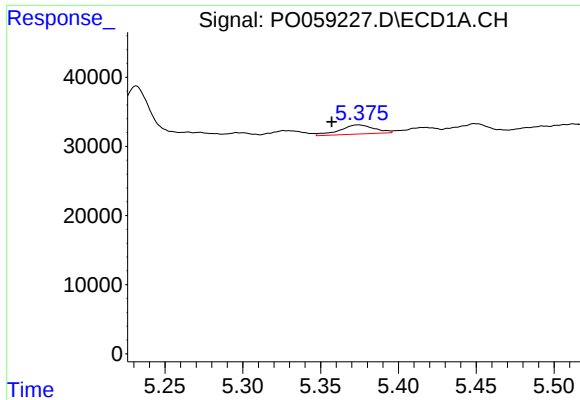
#12 AR-1232-2

R.T.: 5.040 min
Delta R.T.: -0.032 min
Response: 82734
Conc: 168.19 ng/ml



#12 AR-1232-2

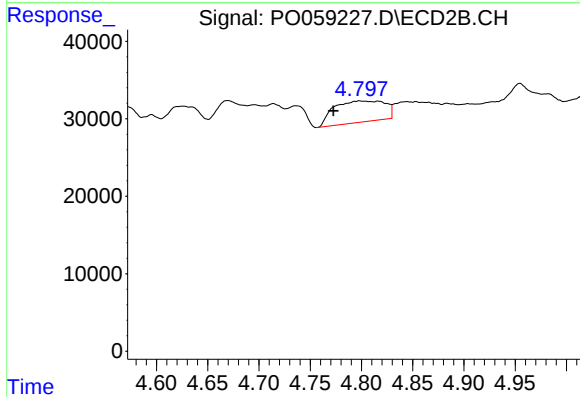
R.T.: 4.626 min
Delta R.T.: 0.026 min
Response: 36110
Conc: 42.71 ng/ml



#13 AR-1232-3

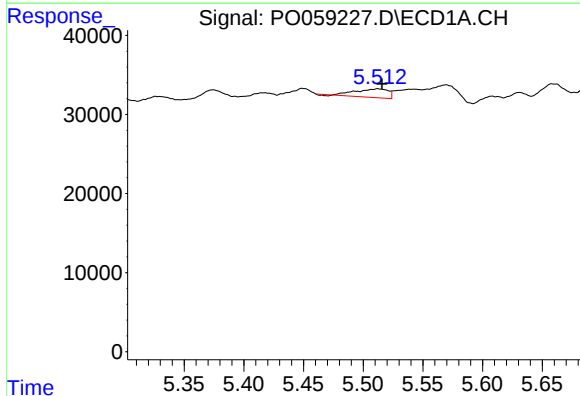
R.T.: 5.374 min
Delta R.T.: 0.017 min
Response: 20517
Conc: 19.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



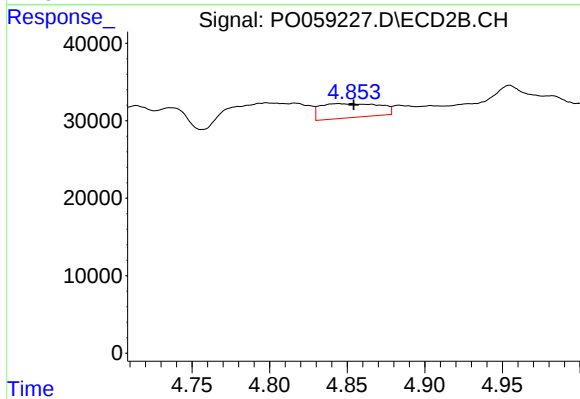
#13 AR-1232-3

R.T.: 4.798 min
Delta R.T.: 0.026 min
Response: 95212
Conc: 216.50 ng/ml



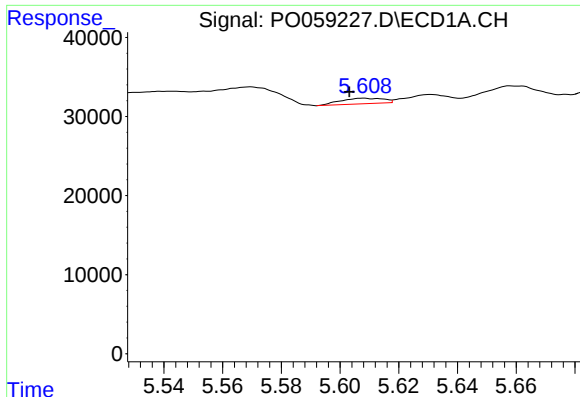
#14 AR-1232-4

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 19998
Conc: 37.51 ng/ml



#14 AR-1232-4

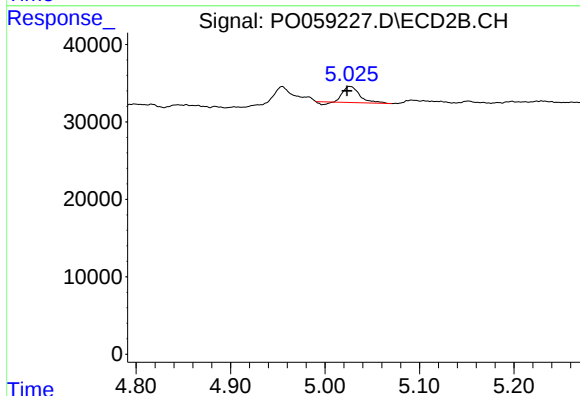
R.T.: 4.853 min
Delta R.T.: -0.001 min
Response: 48055
Conc: 121.58 ng/ml



#15 AR-1232-5

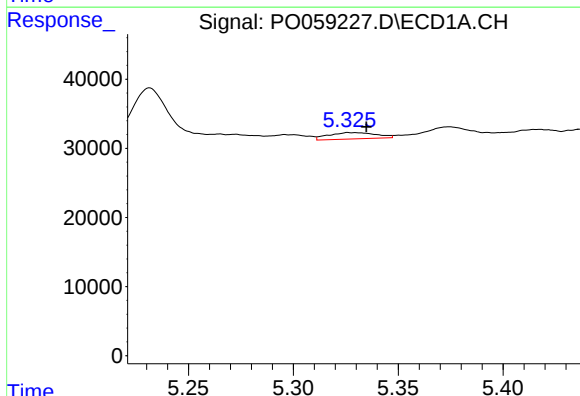
R.T.: 5.608 min
Delta R.T.: 0.005 min
Response: 6946
Conc: 17.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



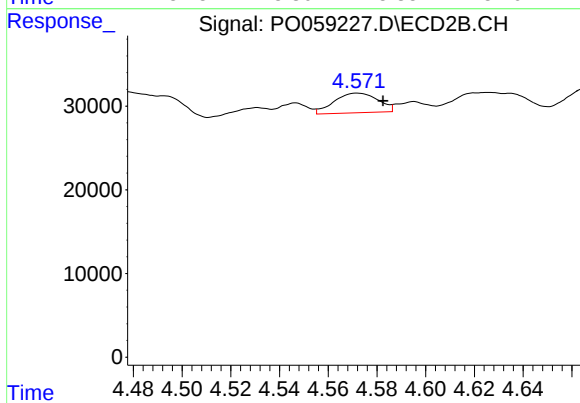
#15 AR-1232-5

R.T.: 5.026 min
Delta R.T.: 0.003 min
Response: 24195
Conc: 54.96 ng/ml



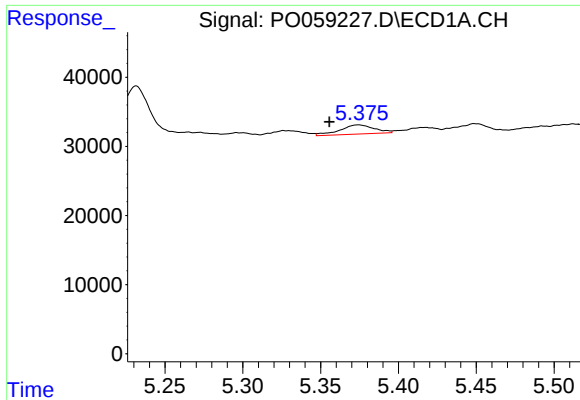
#16 AR-1242-1

R.T.: 5.327 min
Delta R.T.: -0.007 min
Response: 14624
Conc: 11.42 ng/ml



#16 AR-1242-1

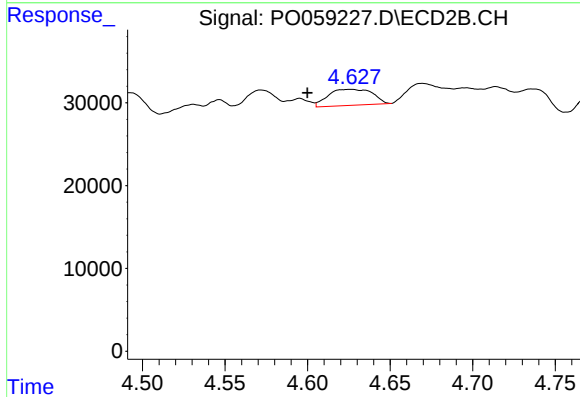
R.T.: 4.572 min
Delta R.T.: -0.011 min
Response: 29468
Conc: 29.03 ng/ml



#17 AR-1242-2

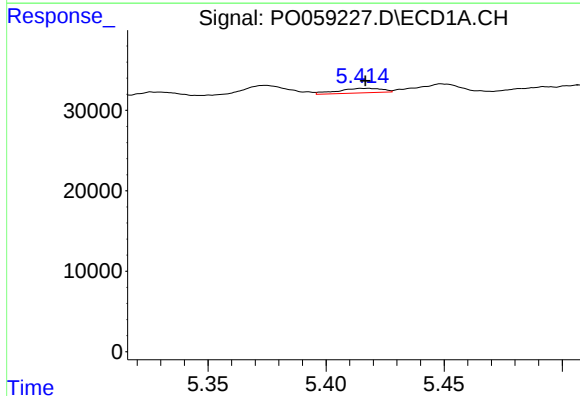
R.T.: 5.374 min
Delta R.T.: 0.019 min
Response: 20517
Conc: 10.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



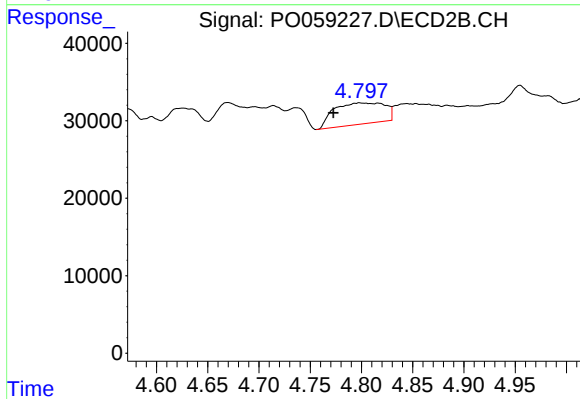
#17 AR-1242-2

R.T.: 4.626 min
Delta R.T.: 0.026 min
Response: 36110
Conc: 23.92 ng/ml



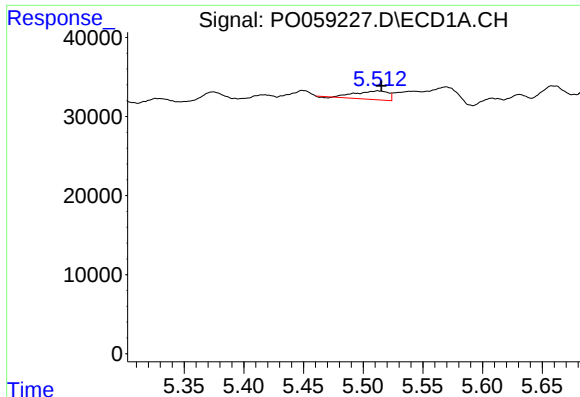
#18 AR-1242-3

R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 7515
Conc: 6.41 ng/ml



#18 AR-1242-3

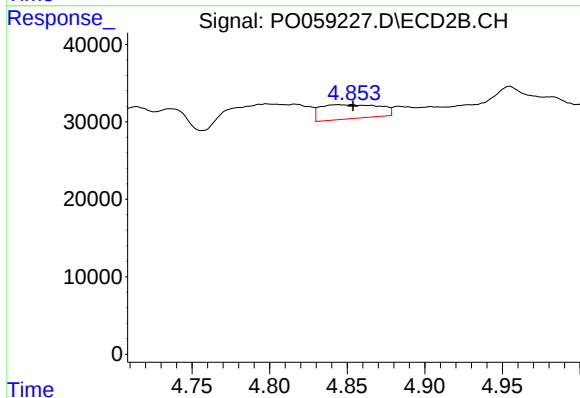
R.T.: 4.798 min
Delta R.T.: 0.025 min
Response: 95212
Conc: 116.91 ng/ml



#19 AR-1242-4

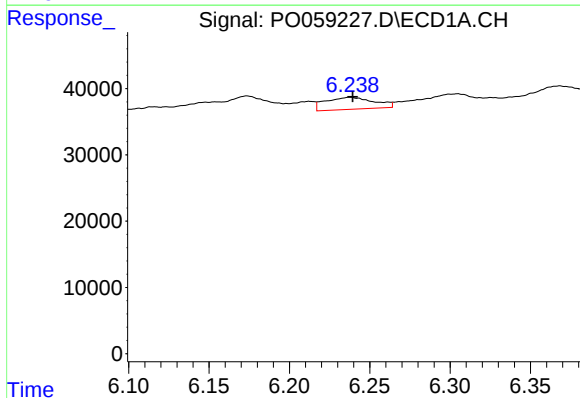
R.T.: 5.512 min
Delta R.T.: -0.003 min
Response: 19998
Conc: 20.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



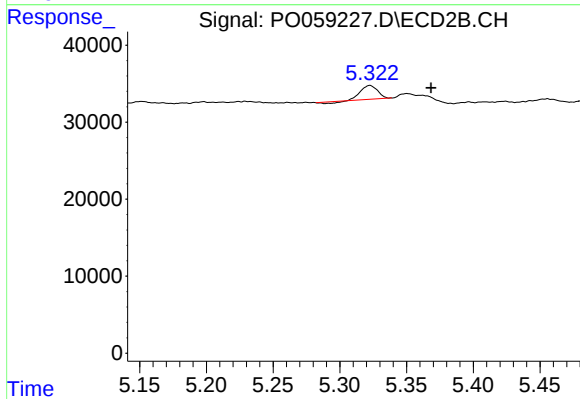
#19 AR-1242-4

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 48055
Conc: 59.40 ng/ml



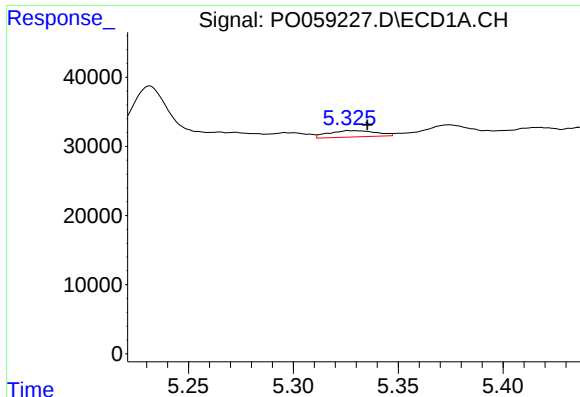
#20 AR-1242-5

R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 38299
Conc: 32.61 ng/ml



#20 AR-1242-5

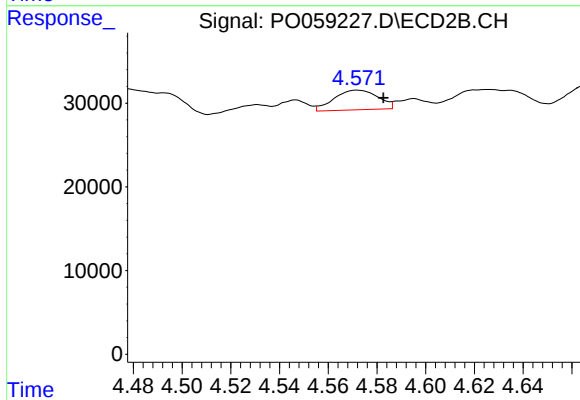
R.T.: 5.323 min
Delta R.T.: -0.046 min
Response: 14538
Conc: 13.55 ng/ml



#21 AR-1248-1

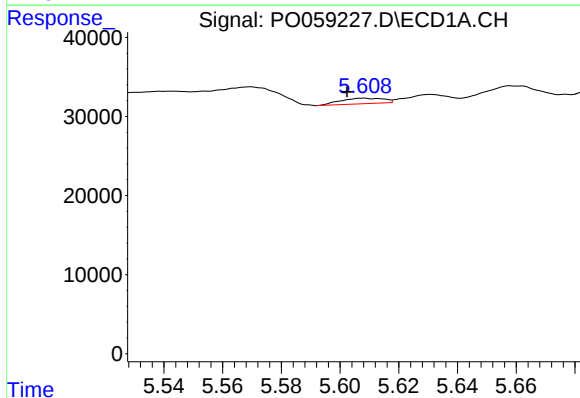
R.T.: 5.327 min
Delta R.T.: -0.008 min
Response: 14624
Conc: 14.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



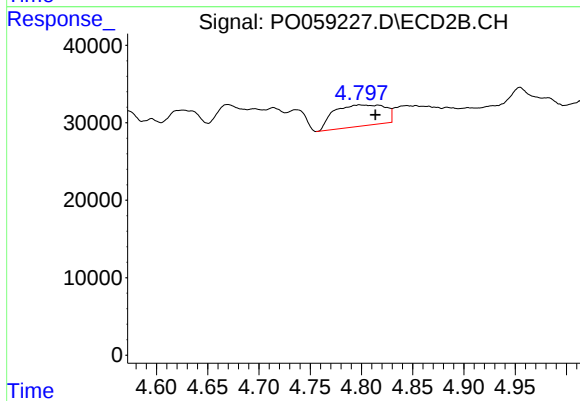
#21 AR-1248-1

R.T.: 4.572 min
Delta R.T.: -0.011 min
Response: 29468
Conc: 36.85 ng/ml



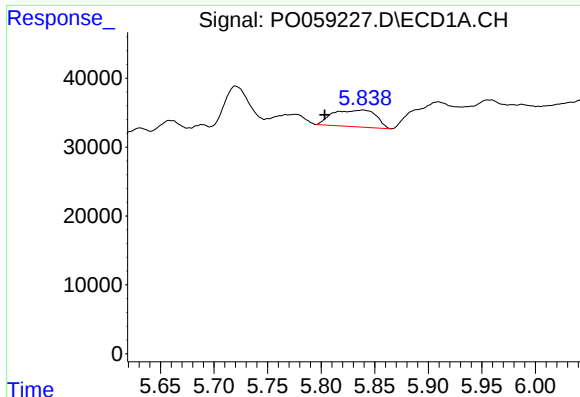
#22 AR-1248-2

R.T.: 5.608 min
Delta R.T.: 0.005 min
Response: 6946
Conc: 4.80 ng/ml



#22 AR-1248-2

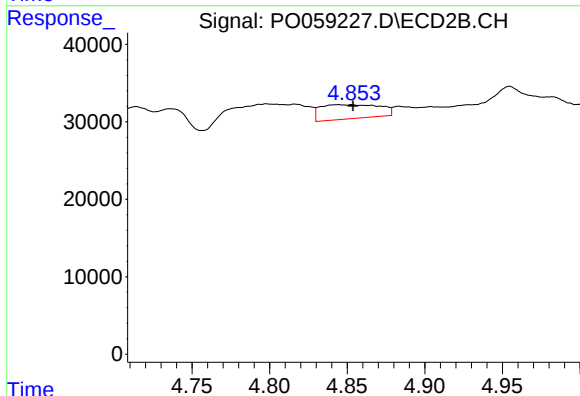
R.T.: 4.798 min
Delta R.T.: -0.015 min
Response: 95212
Conc: 85.93 ng/ml



#23 AR-1248-3

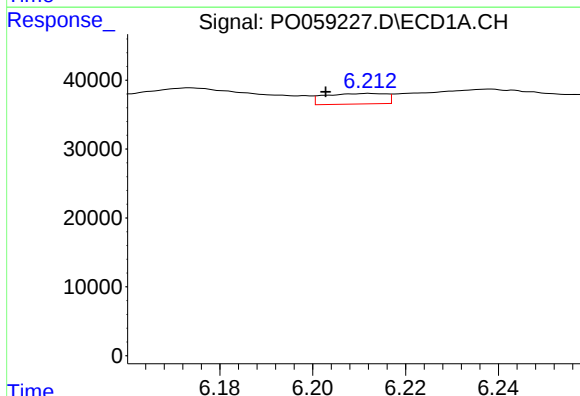
R.T.: 5.839 min
Delta R.T.: 0.036 min
Response: 67845
Conc: 41.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



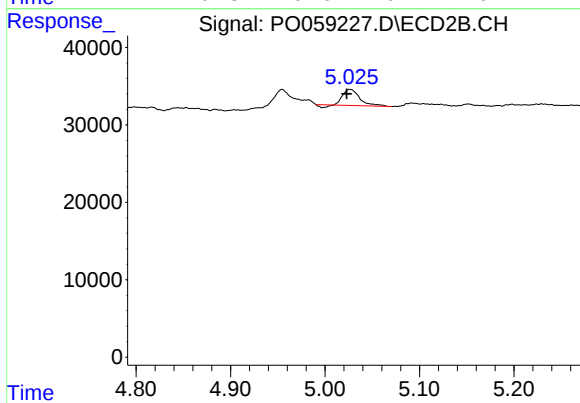
#23 AR-1248-3

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 48055
Conc: 42.22 ng/ml



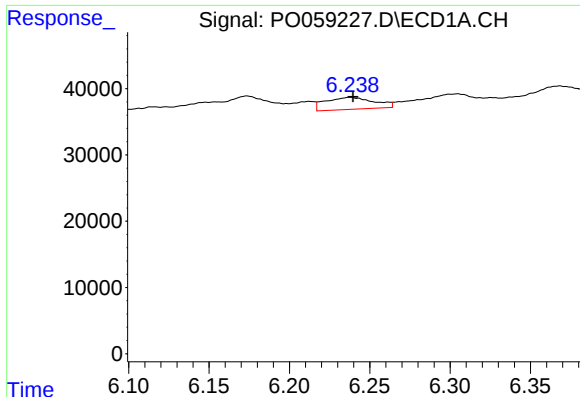
#24 AR-1248-4

R.T.: 6.213 min
Delta R.T.: 0.010 min
Response: 13925
Conc: 6.88 ng/ml



#24 AR-1248-4

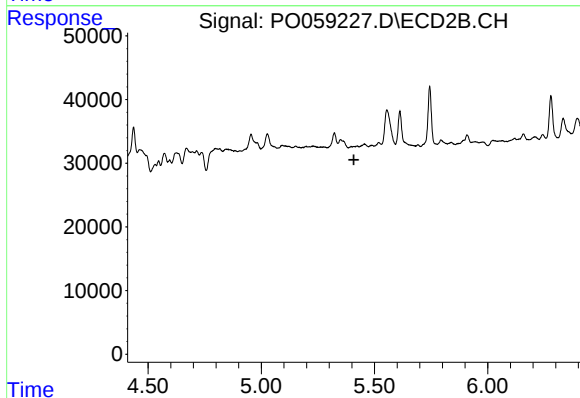
R.T.: 5.026 min
Delta R.T.: 0.003 min
Response: 24195
Conc: 17.32 ng/ml



#25 AR-1248-5

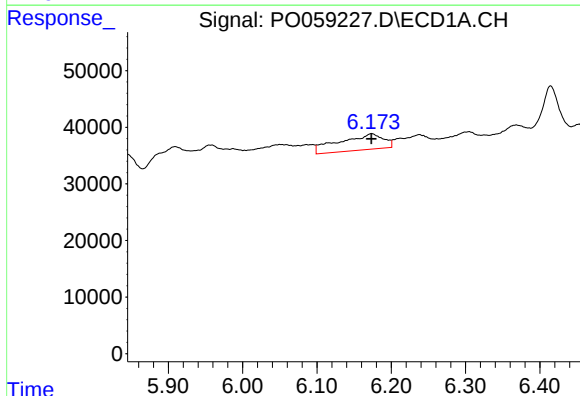
R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 38299
Conc: 19.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



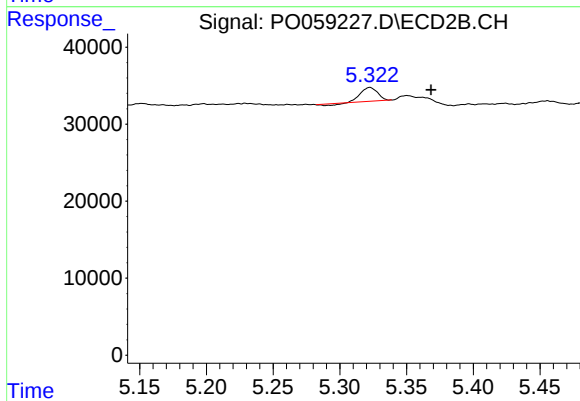
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



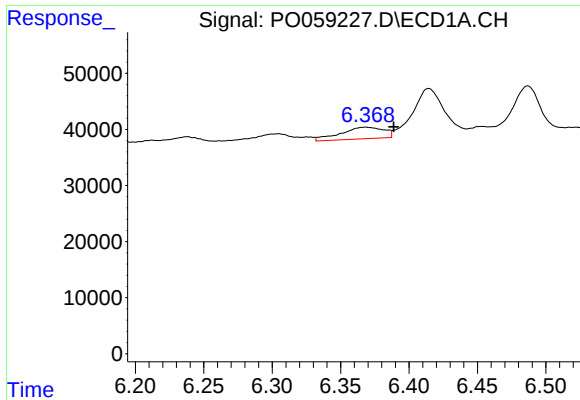
#26 AR-1254-1

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 116228
Conc: 49.22 ng/ml



#26 AR-1254-1

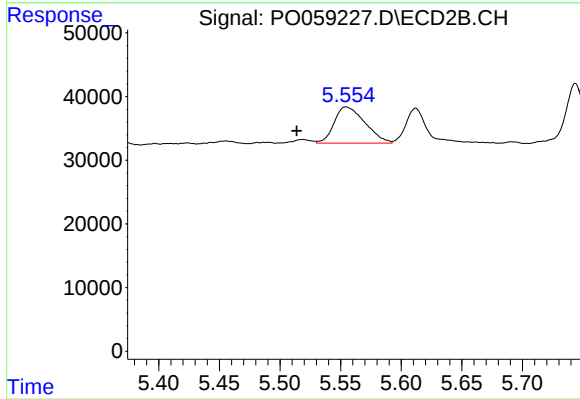
R.T.: 5.323 min
Delta R.T.: -0.046 min
Response: 14538
Conc: 5.61 ng/ml



#27 AR-1254-2

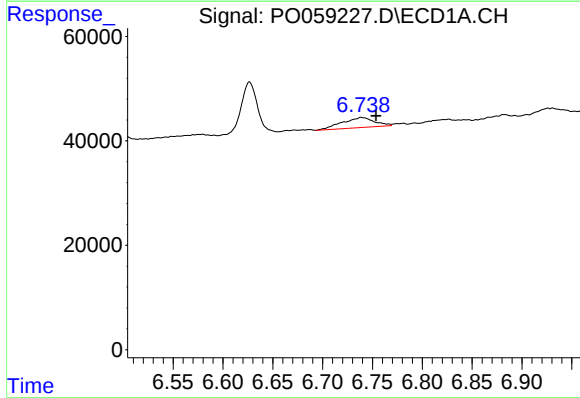
R.T.: 6.368 min
Delta R.T.: -0.021 min
Response: 45904
Conc: 11.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



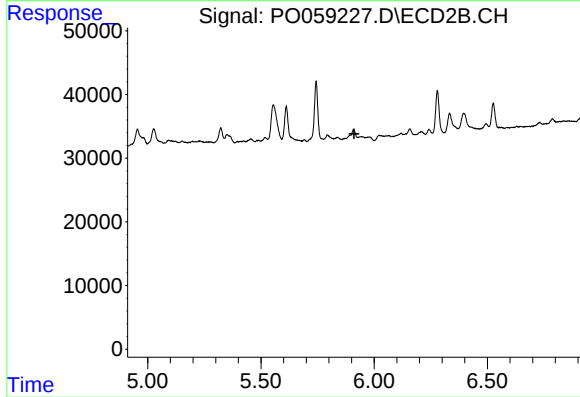
#27 AR-1254-2

R.T.: 5.555 min
Delta R.T.: 0.041 min
Response: 101003
Conc: 44.12 ng/ml



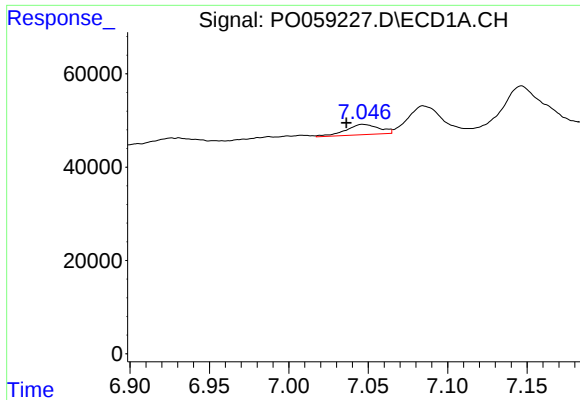
#28 AR-1254-3

R.T.: 6.739 min
Delta R.T.: -0.015 min
Response: 43755
Conc: 10.80 ng/ml



#28 AR-1254-3

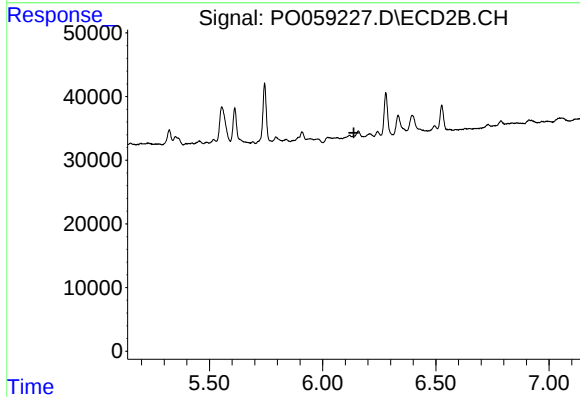
R.T.: 0.000 min
Exp R.T.: 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

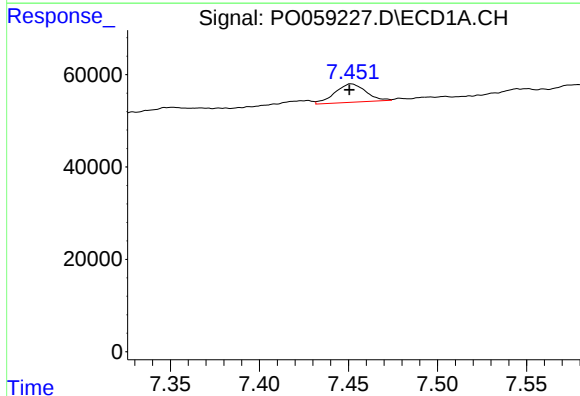
R.T.: 7.047 min
Delta R.T.: 0.011 min
Response: 32461
Conc: 9.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



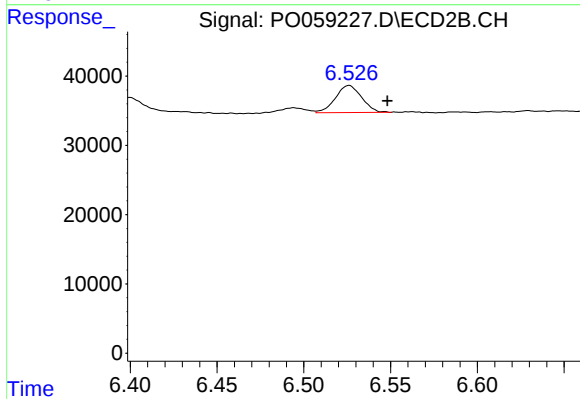
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



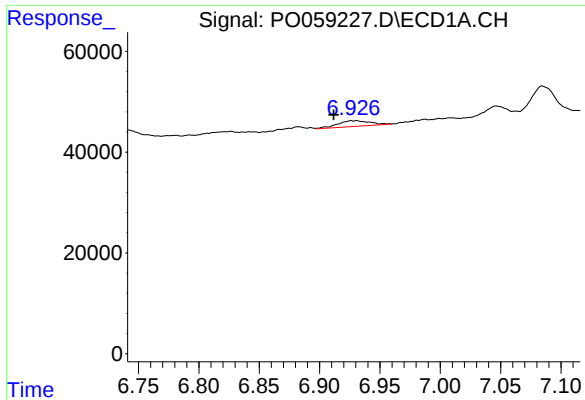
#30 AR-1254-5

R.T.: 7.452 min
Delta R.T.: 0.001 min
Response: 48225
Conc: 13.30 ng/ml



#30 AR-1254-5

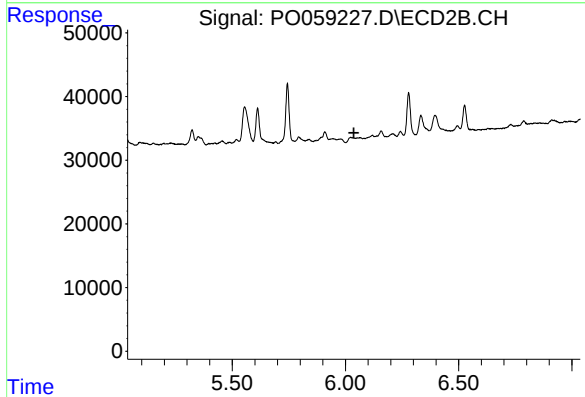
R.T.: 6.526 min
Delta R.T.: -0.022 min
Response: 41272
Conc: 11.96 ng/ml



#31 AR-1260-1

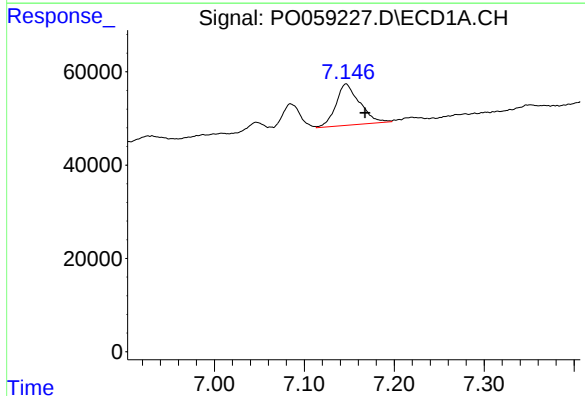
R.T.: 6.931 min
Delta R.T.: 0.019 min
Response: 21115
Conc: 7.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



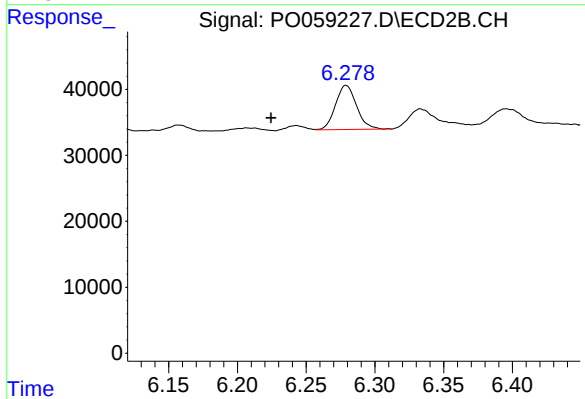
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



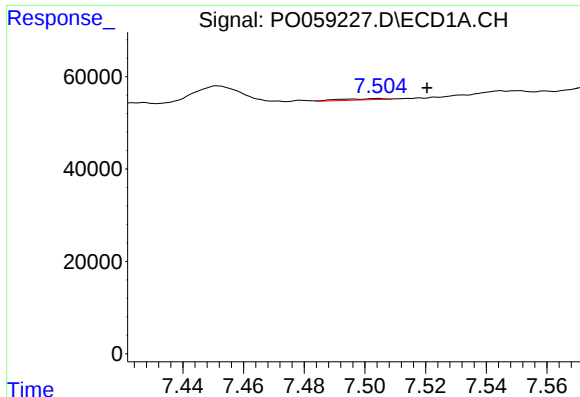
#32 AR-1260-2

R.T.: 7.146 min
Delta R.T.: -0.021 min
Response: 162970
Conc: 39.17 ng/ml



#32 AR-1260-2

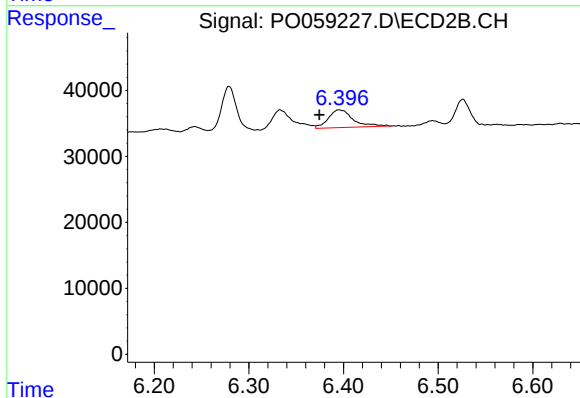
R.T.: 6.279 min
Delta R.T.: 0.055 min
Response: 71223
Conc: 23.51 ng/ml



#33 AR-1260-3

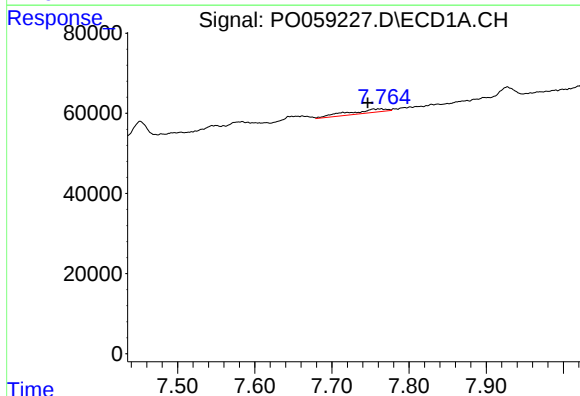
R.T.: 7.504 min
Delta R.T.: -0.016 min
Response: 2868
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



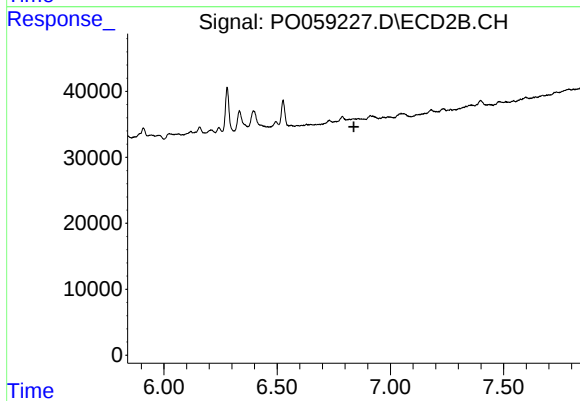
#33 AR-1260-3

R.T.: 6.395 min
Delta R.T.: 0.021 min
Response: 48313
Conc: 17.89 ng/ml



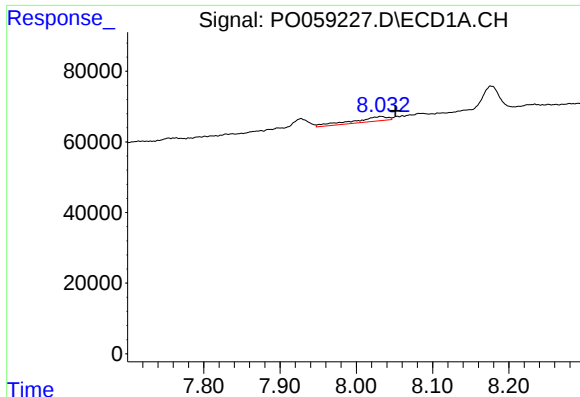
#34 AR-1260-4

R.T.: 7.764 min
Delta R.T.: 0.017 min
Response: 31349
Conc: 9.20 ng/ml



#34 AR-1260-4

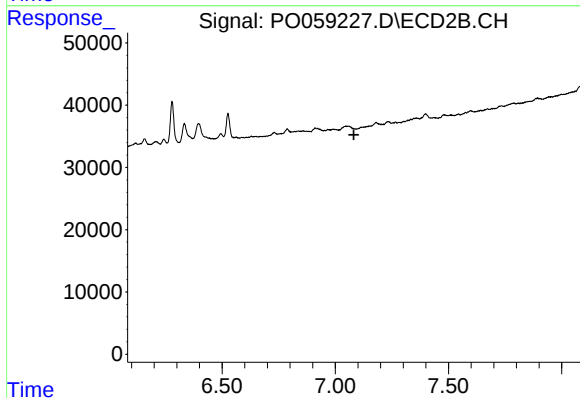
R.T.: 0.000 min
Exp R.T.: 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

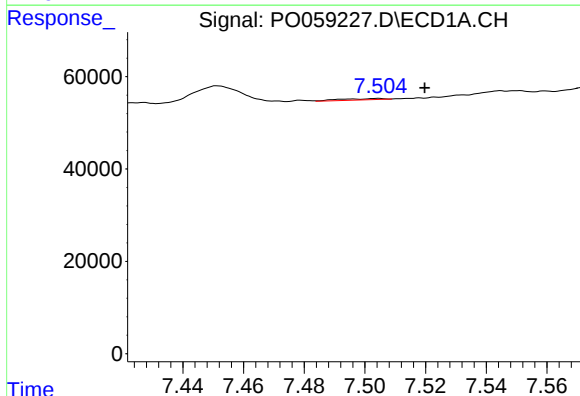
R.T.: 8.032 min
Delta R.T.: -0.019 min
Response: 42446
Conc: 5.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



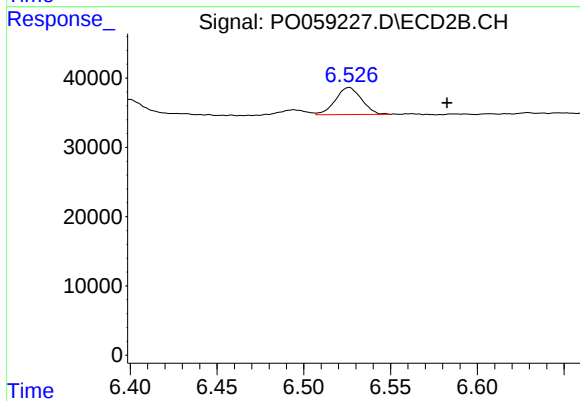
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



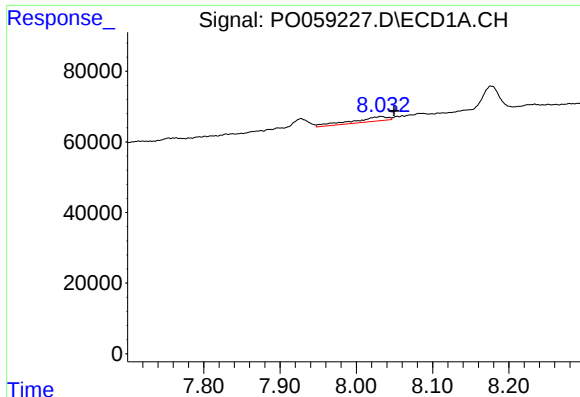
#36 AR-1262-1

R.T.: 7.504 min
Delta R.T.: -0.015 min
Response: 2868
Conc: 0.57 ng/ml



#36 AR-1262-1

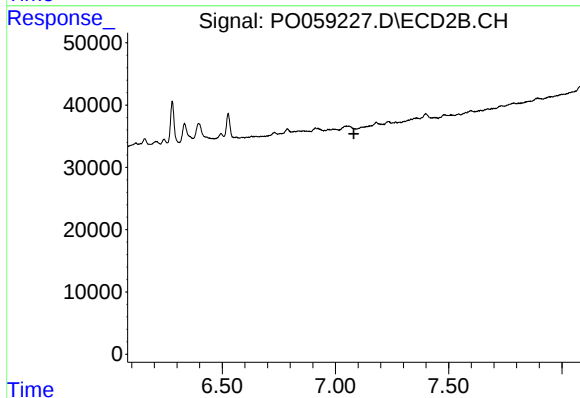
R.T.: 6.526 min
Delta R.T.: -0.057 min
Response: 41272
Conc: 11.56 ng/ml



#37 AR-1262-2

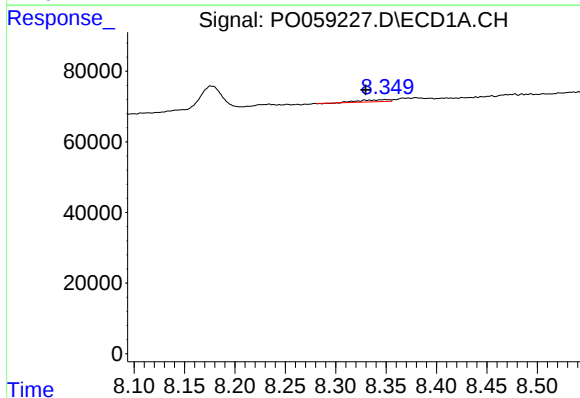
R.T.: 8.032 min
Delta R.T.: -0.017 min
Response: 42446
Conc: 5.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



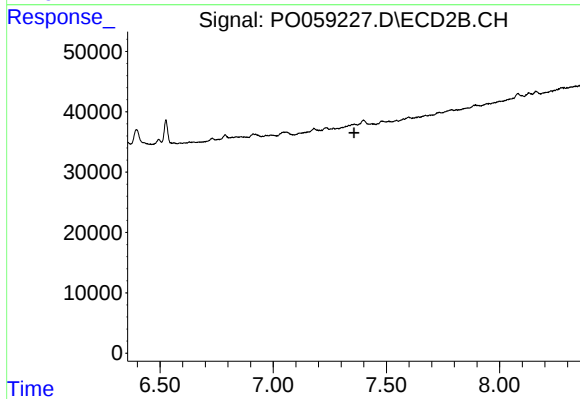
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



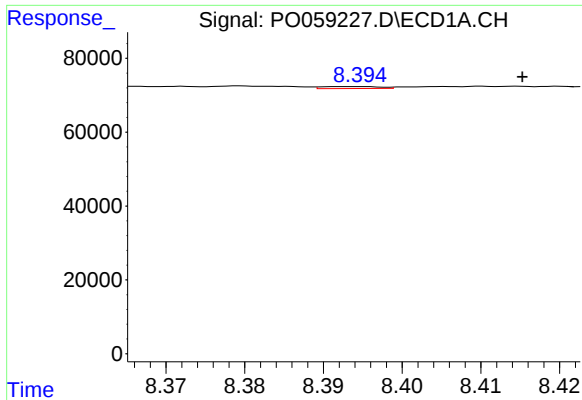
#38 AR-1262-3

R.T.: 8.349 min
Delta R.T.: 0.020 min
Response: 10569
Conc: 2.08 ng/ml



#38 AR-1262-3

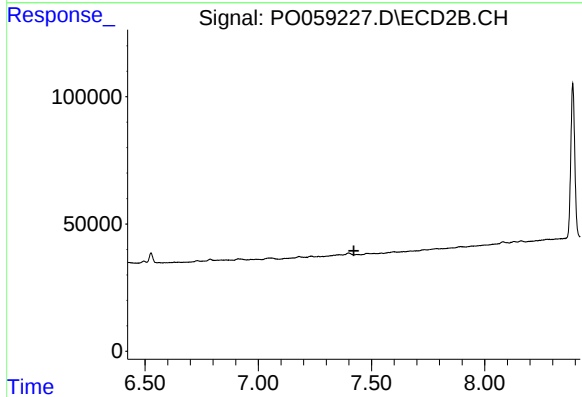
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#39 AR-1262-4

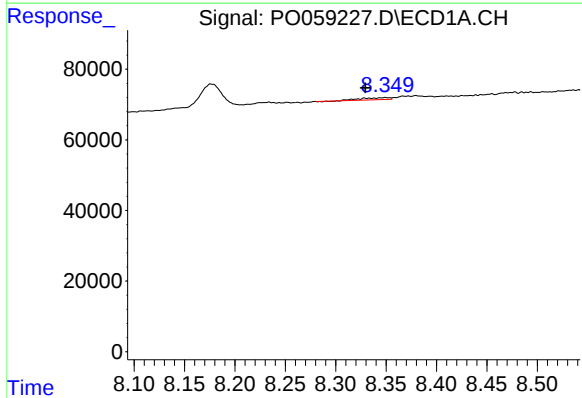
R.T.: 8.394 min
Delta R.T.: -0.022 min
Response: 2790
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



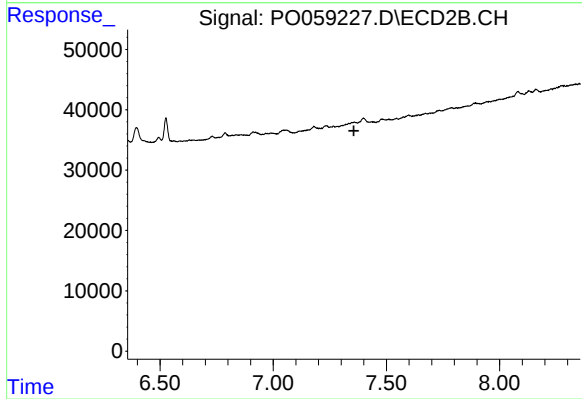
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



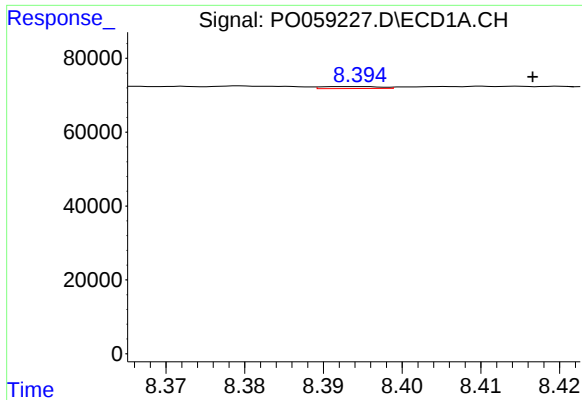
#41 AR-1268-1

R.T.: 8.349 min
Delta R.T.: 0.020 min
Response: 10569
Conc: 0.95 ng/ml



#41 AR-1268-1

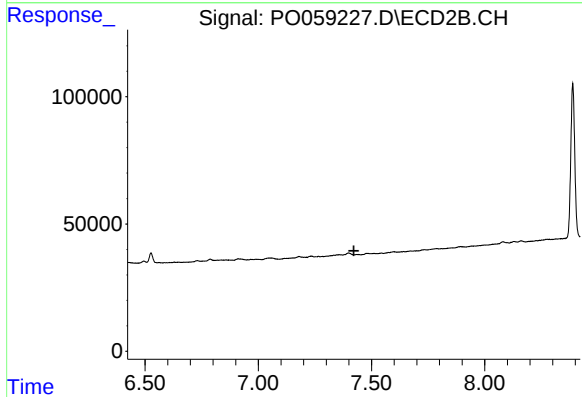
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#42 AR-1268-2

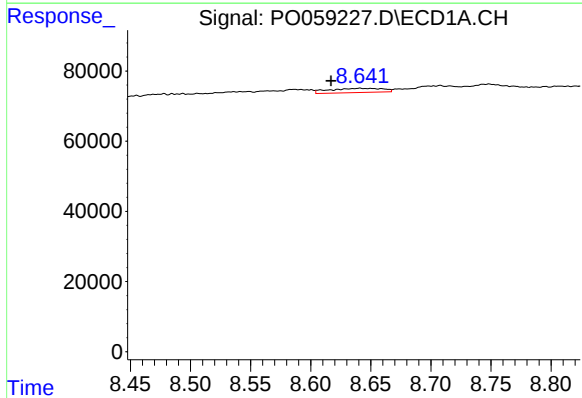
R.T.: 8.394 min
Delta R.T.: -0.023 min
Response: 2790
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



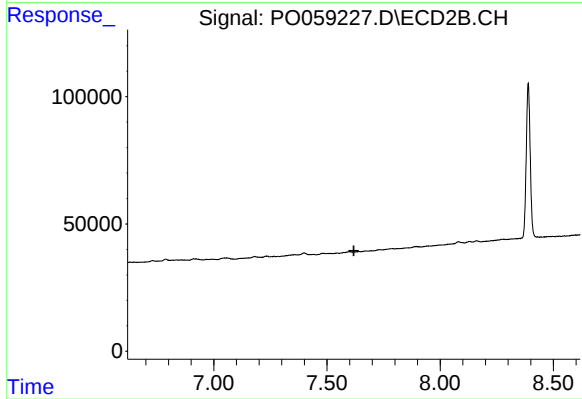
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



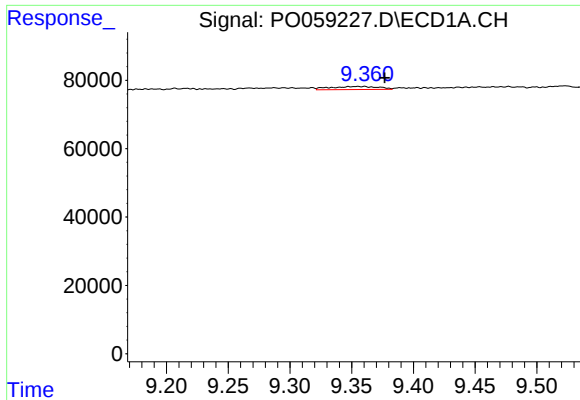
#43 AR-1268-3

R.T.: 8.641 min
Delta R.T.: 0.024 min
Response: 37561
Conc: 4.55 ng/ml



#43 AR-1268-3

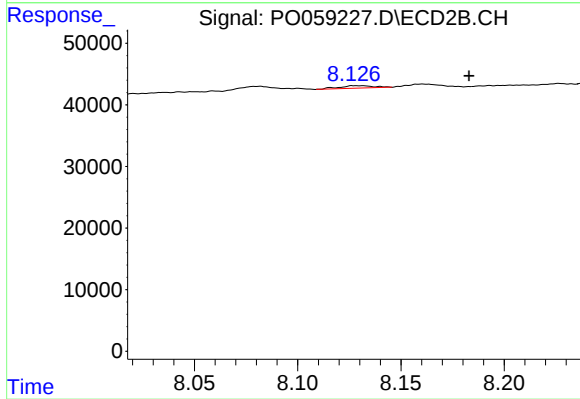
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.356 min
Delta R.T.: -0.021 min
Response: 24087
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
SU-04-080919-A



#45 AR-1268-5

R.T.: 8.128 min
Delta R.T.: -0.055 min
Response: 4579
Conc: 0.27 ng/ml