

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072321\
 Data File : PP037610.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Jul 2021 10:07
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 07:20:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 2021
 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...	4.961	3.946	2391503	1417337	52.619	51.795
2)	SA Decachlor...	10.990	9.238	2287855	1291804	49.698	46.410
Target Compounds							
3)	L1 AR-1016-1	6.280	5.196	516445	283898	297.198	274.722
4)	L1 AR-1016-2	6.304	5.216	610858	281429	244.334	196.563
5)	L1 AR-1016-3	6.370	5.407	306894	189301	192.689	242.289 #
6)	L1 AR-1016-4	6.476	5.460	349537	379505	265.084	628.748 #
7)	L1 AR-1016-5	6.791	5.687	805240	462207	636.549	598.563
9)	L2 AR-1221-2	5.312	4.297	39623	21244	97.801	90.241
10)	L2 AR-1221-3	5.396	4.388	42167	25409	34.607	34.162
11)	L3 AR-1232-1	5.396	4.388	42167	25409	37.950	37.423
12)	L3 AR-1232-2	5.985	5.216	225900	281429	378.852	449.630
13)	L3 AR-1232-3	6.304	5.407	610858	189301	558.240	570.162
14)	L3 AR-1232-4	6.476	5.504	349537	394444	602.054	1430.649 #
15)	L3 AR-1232-5	6.574	5.687	663136	462207	1724.282	1554.835
16)	L4 AR-1242-1	6.280	5.196	516445	283898	405.154	376.673
17)	L4 AR-1242-2	6.304	5.216	610858	281429	336.910	273.505
18)	L4 AR-1242-3	6.370	5.407	306894	189301	266.826	332.447
19)	L4 AR-1242-4	6.476	5.504	349537	394444	365.127	765.352 #
20)	L4 AR-1242-5	7.259	6.067	989499	698289	951.477	1025.873
21)	L5 AR-1248-1	6.280	5.196	516445	283898	492.052	449.870
22)	L5 AR-1248-2	6.574	5.460	663136	379505	446.691	462.659
23)	L5 AR-1248-3	6.791	5.504	805240	394444	487.492	460.922
24)	L5 AR-1248-4	7.219	5.687	967544	462207	511.898	454.180
25)	L5 AR-1248-5	7.259	6.110	989499	650701	528.691	613.438
26)	L6 AR-1254-1	7.191	6.067	1025907	698289	571.060	470.364
27)	L6 AR-1254-2	7.423	6.228	987701	199579	355.074	153.640 #
28)	L6 AR-1254-3	7.800	6.647	617941	298091	200.434	139.685 #
29)	L6 AR-1254-4	8.096	6.887	381205	210233	167.825	154.956
30)	L6 AR-1254-5	8.524	7.317	93196	57140	37.243	30.480
31)	L7 AR-1260-1	7.965	6.793	45285	155906	20.571	112.827 #
32)	L7 AR-1260-2	8.228	6.984	116225	29718	41.781	17.690 #
33)	L7 AR-1260-3	8.588	7.134	18181	51251	8.995	29.912 #
34)	L7 AR-1260-4	8.821	7.656f	65552	17686	26.649	13.009 #
35)	L7 AR-1260-5	9.157	0.000	23503	0	5.094	N.D. #
36)	L8 AR-1262-1	8.588	7.317	18181	57140	6.242	55.027 #
37)	L8 AR-1262-2	9.157	0.000	23503	0	4.475	N.D. #
38)	L8 AR-1262-3	0.000	8.141f	0	199660	N.D.	141.809 #
39)	L8 AR-1262-4	0.000	8.215	0	13067	N.D.	4.907 #
41)	L9 AR-1268-1	0.000	8.141f	0	199660	N.D.	50.102 #
42)	L9 AR-1268-2	0.000	8.215	0	13067	N.D.	3.531 #
45)	L9 AR-1268-5	10.651	0.000	19021	0	1.201	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072321\
Data File : PP037610.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jul 2021 10:07
Operator : DD\AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

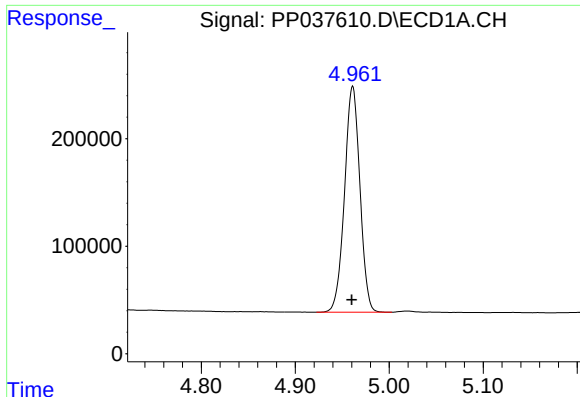
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 07:20:56 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 07 08:32:32 2021
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

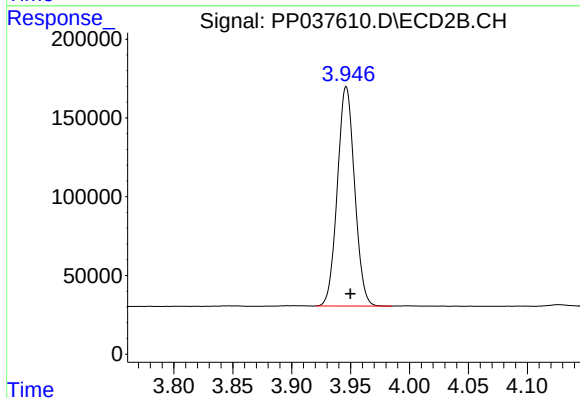
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

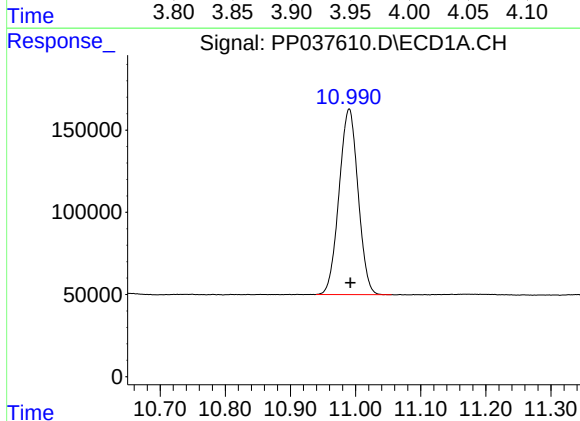
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 2391503
Conc: 52.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



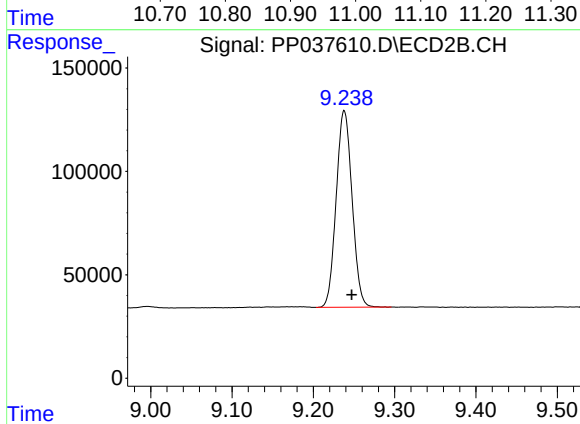
#1 Tetrachloro-m-xylene

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 1417337
Conc: 51.80 ng/ml



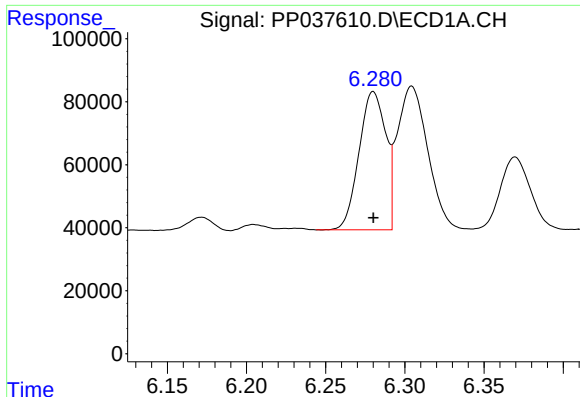
#2 Decachlorobiphenyl

R.T.: 10.990 min
Delta R.T.: -0.002 min
Response: 2287855
Conc: 49.70 ng/ml



#2 Decachlorobiphenyl

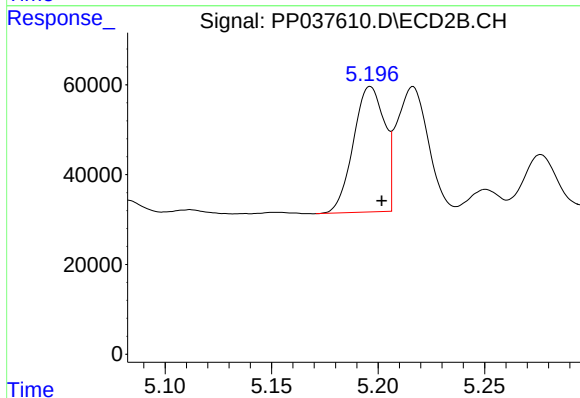
R.T.: 9.238 min
Delta R.T.: -0.009 min
Response: 1291804
Conc: 46.41 ng/ml



#3 AR-1016-1

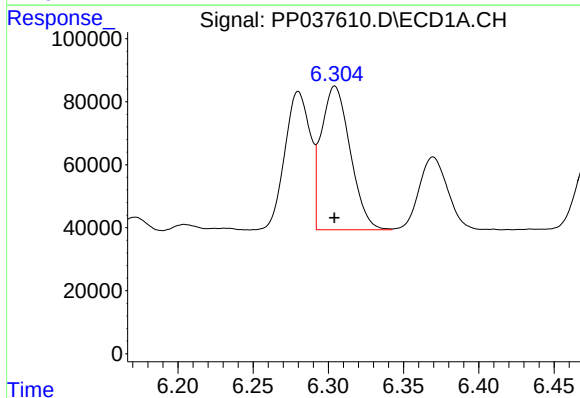
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 516445
Conc: 297.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



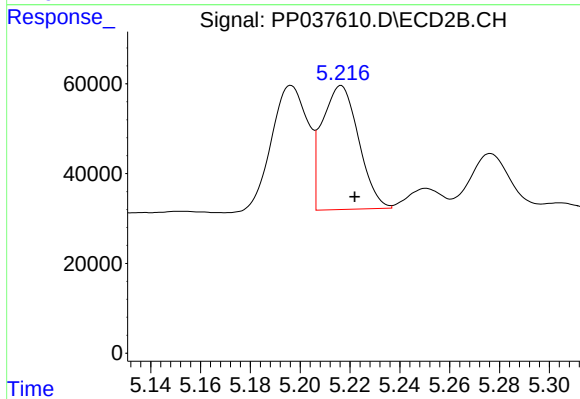
#3 AR-1016-1

R.T.: 5.196 min
Delta R.T.: -0.005 min
Response: 283898
Conc: 274.72 ng/ml



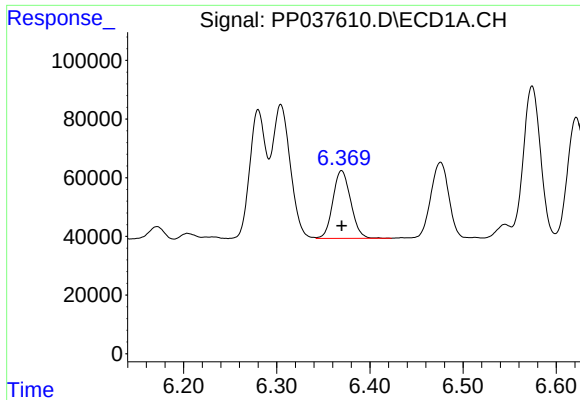
#4 AR-1016-2

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 610858
Conc: 244.33 ng/ml



#4 AR-1016-2

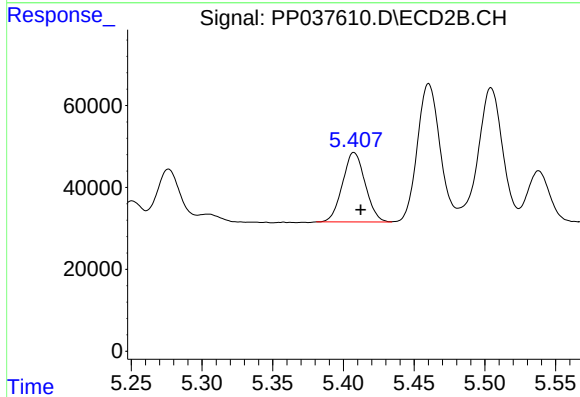
R.T.: 5.216 min
Delta R.T.: -0.006 min
Response: 281429
Conc: 196.56 ng/ml



#5 AR-1016-3

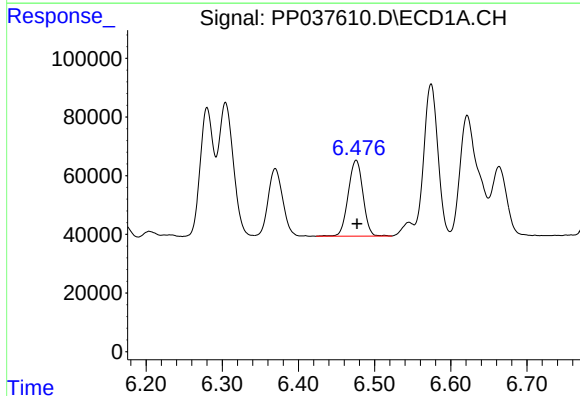
R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 306894
Conc: 192.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



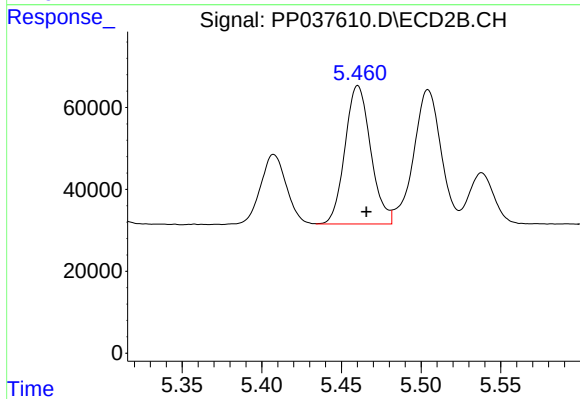
#5 AR-1016-3

R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 189301
Conc: 242.29 ng/ml



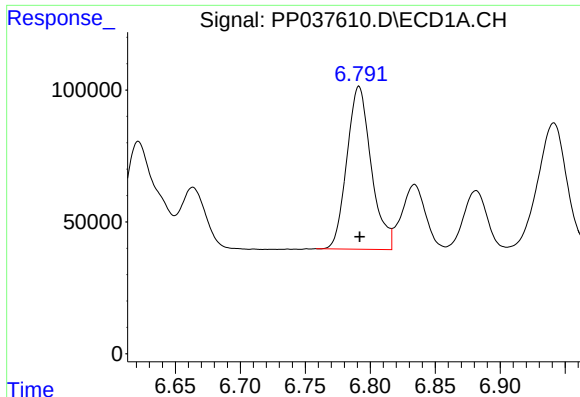
#6 AR-1016-4

R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 349537
Conc: 265.08 ng/ml



#6 AR-1016-4

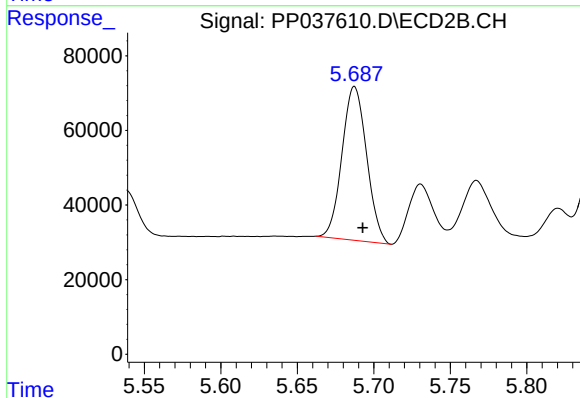
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 379505
Conc: 628.75 ng/ml



#7 AR-1016-5

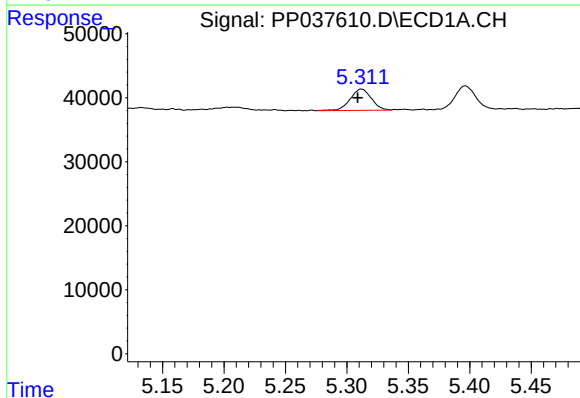
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 805240
Conc: 636.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



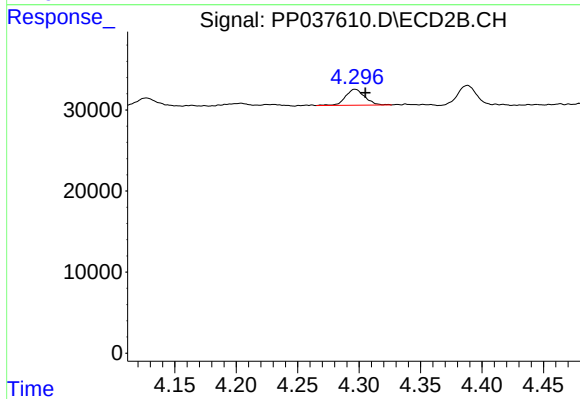
#7 AR-1016-5

R.T.: 5.687 min
Delta R.T.: -0.005 min
Response: 462207
Conc: 598.56 ng/ml



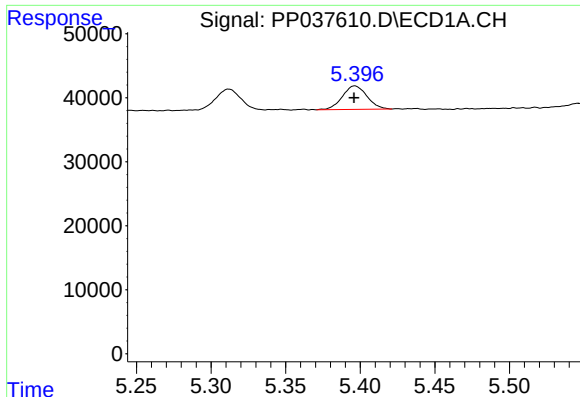
#9 AR-1221-2

R.T.: 5.312 min
Delta R.T.: 0.003 min
Response: 39623
Conc: 97.80 ng/ml



#9 AR-1221-2

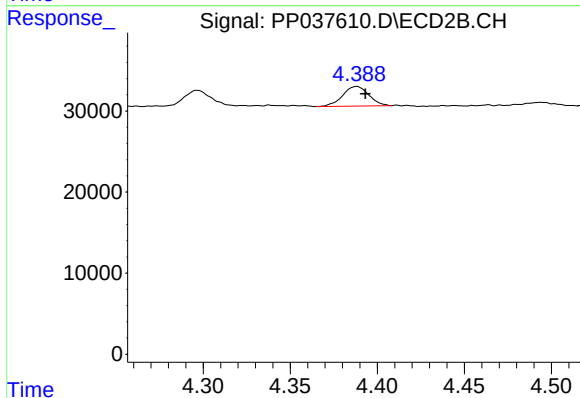
R.T.: 4.297 min
Delta R.T.: -0.009 min
Response: 21244
Conc: 90.24 ng/ml



#10 AR-1221-3

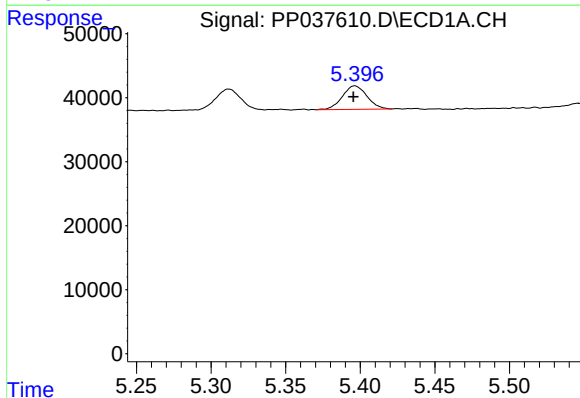
R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 42167
Conc: 34.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



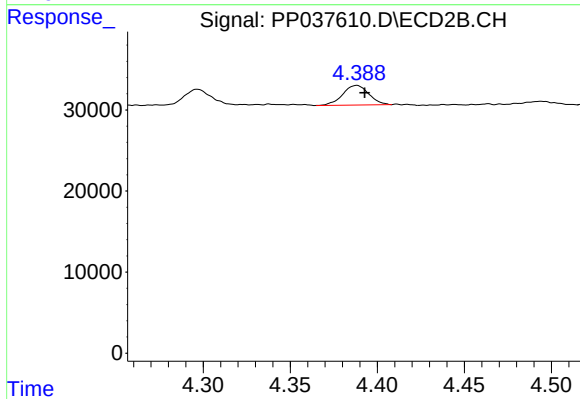
#10 AR-1221-3

R.T.: 4.388 min
Delta R.T.: -0.005 min
Response: 25409
Conc: 34.16 ng/ml



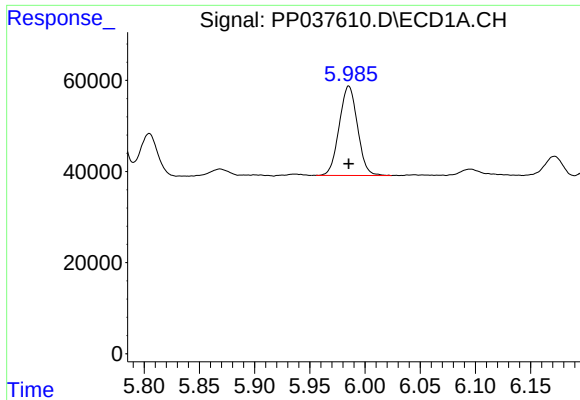
#11 AR-1232-1

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 42167
Conc: 37.95 ng/ml



#11 AR-1232-1

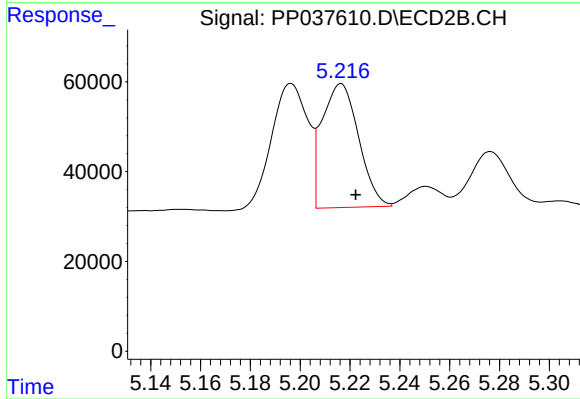
R.T.: 4.388 min
Delta R.T.: -0.004 min
Response: 25409
Conc: 37.42 ng/ml



#12 AR-1232-2

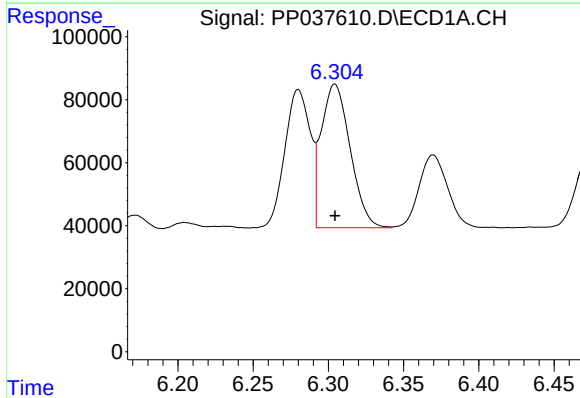
R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 225900
Conc: 378.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



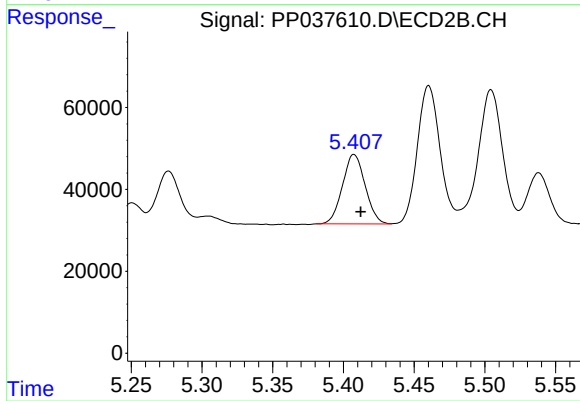
#12 AR-1232-2

R.T.: 5.216 min
Delta R.T.: -0.006 min
Response: 281429
Conc: 449.63 ng/ml



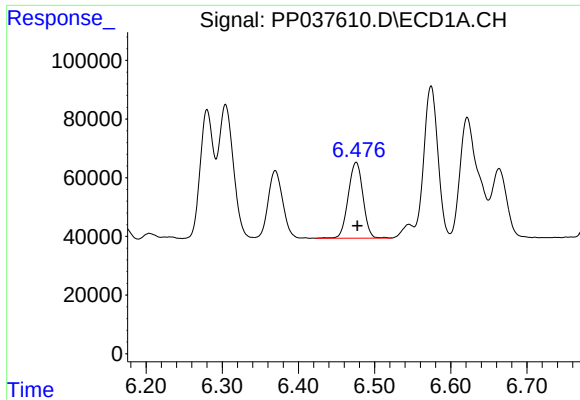
#13 AR-1232-3

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 610858
Conc: 558.24 ng/ml



#13 AR-1232-3

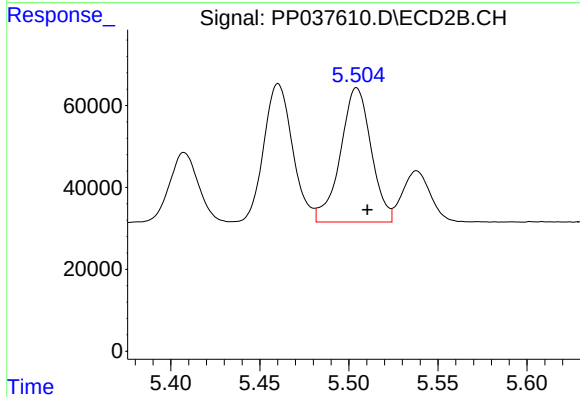
R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 189301
Conc: 570.16 ng/ml



#14 AR-1232-4

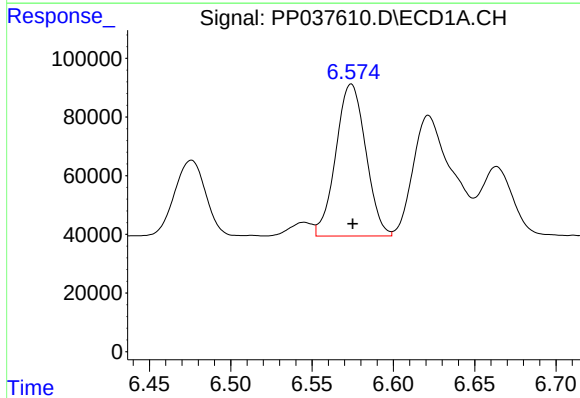
R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 349537
Conc: 602.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



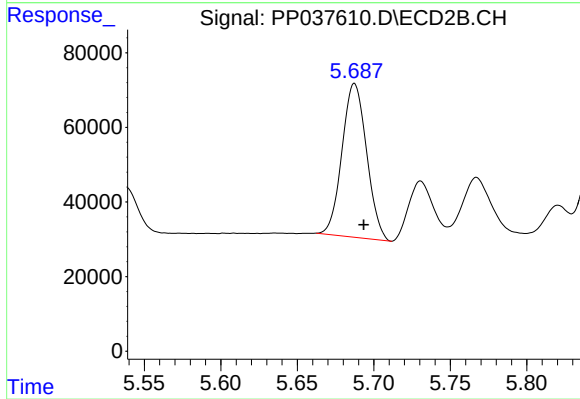
#14 AR-1232-4

R.T.: 5.504 min
Delta R.T.: -0.006 min
Response: 394444
Conc: 1430.65 ng/ml



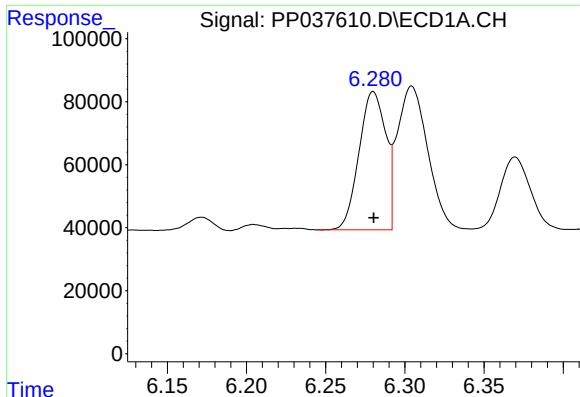
#15 AR-1232-5

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 663136
Conc: 1724.28 ng/ml



#15 AR-1232-5

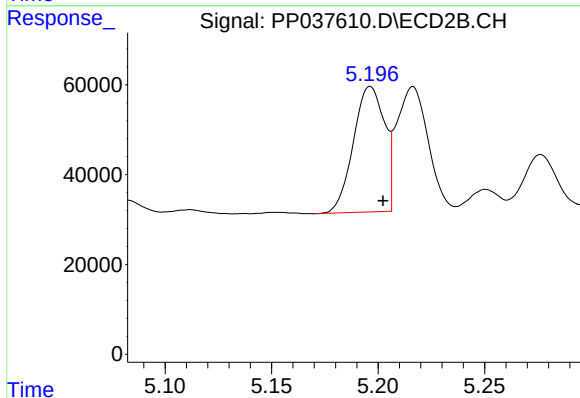
R.T.: 5.687 min
Delta R.T.: -0.006 min
Response: 462207
Conc: 1554.83 ng/ml



#16 AR-1242-1

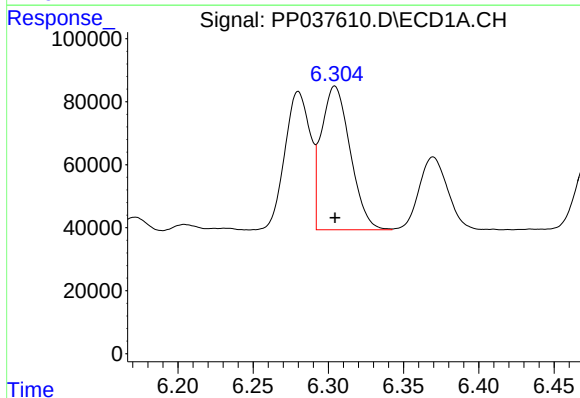
R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 516445
Conc: 405.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



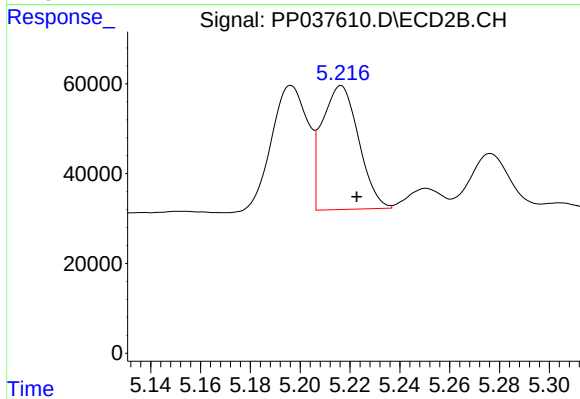
#16 AR-1242-1

R.T.: 5.196 min
Delta R.T.: -0.006 min
Response: 283898
Conc: 376.67 ng/ml



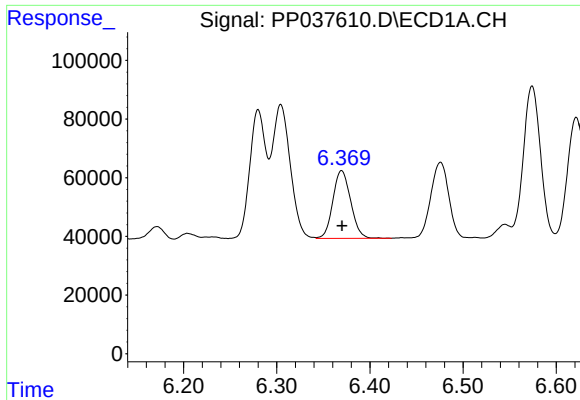
#17 AR-1242-2

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 610858
Conc: 336.91 ng/ml



#17 AR-1242-2

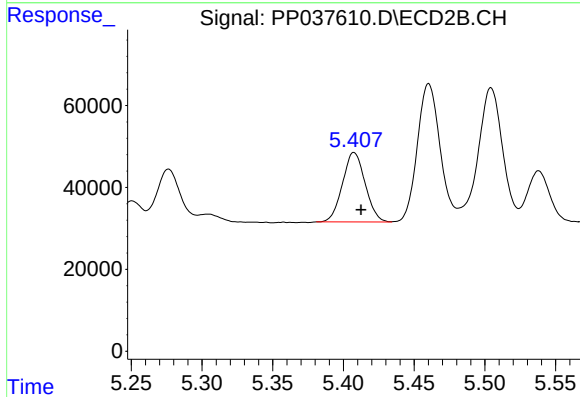
R.T.: 5.216 min
Delta R.T.: -0.006 min
Response: 281429
Conc: 273.51 ng/ml



#18 AR-1242-3

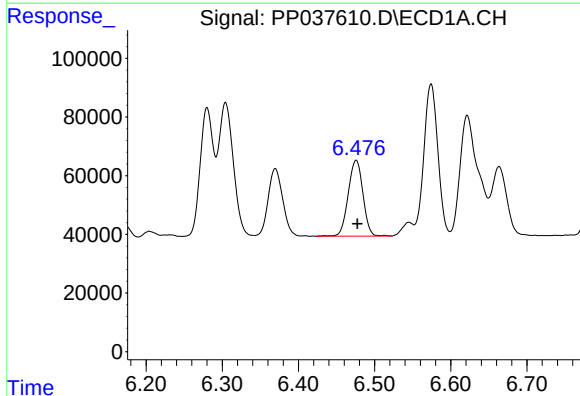
R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 306894
Conc: 266.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



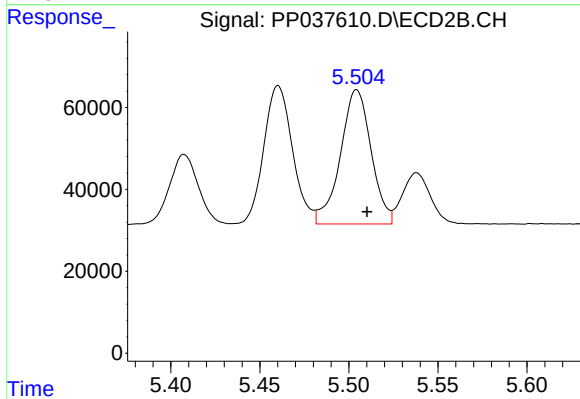
#18 AR-1242-3

R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 189301
Conc: 332.45 ng/ml



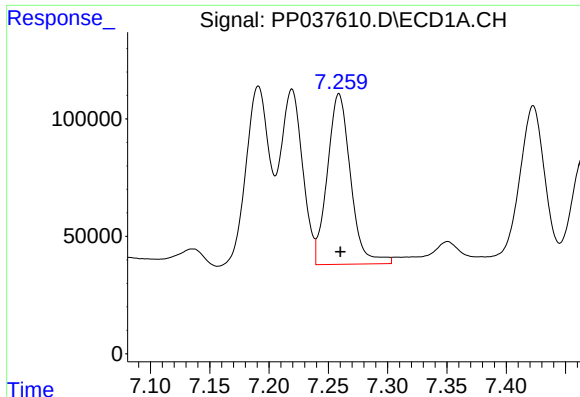
#19 AR-1242-4

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 349537
Conc: 365.13 ng/ml



#19 AR-1242-4

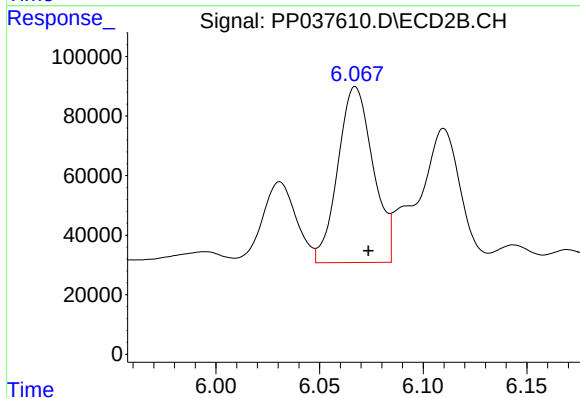
R.T.: 5.504 min
Delta R.T.: -0.006 min
Response: 394444
Conc: 765.35 ng/ml



#20 AR-1242-5

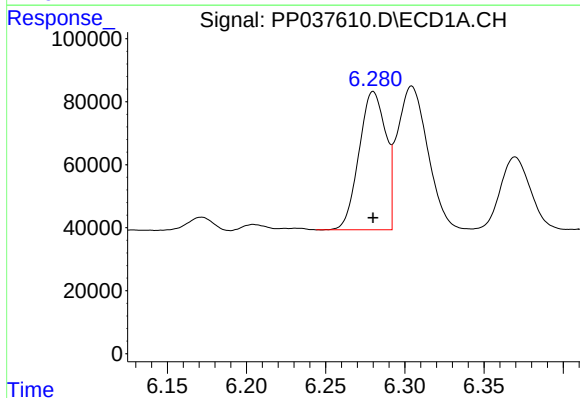
R.T.: 7.259 min
Delta R.T.: -0.001 min
Response: 989499
Conc: 951.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



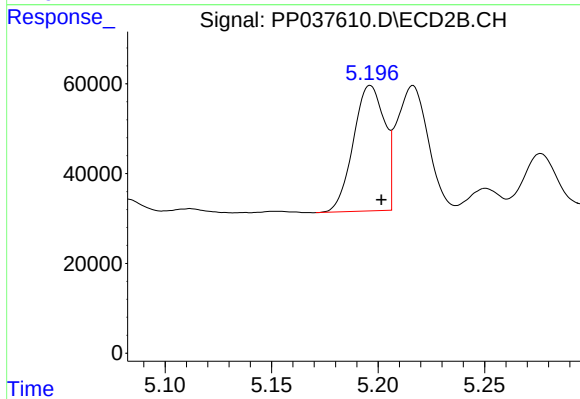
#20 AR-1242-5

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 698289
Conc: 1025.87 ng/ml



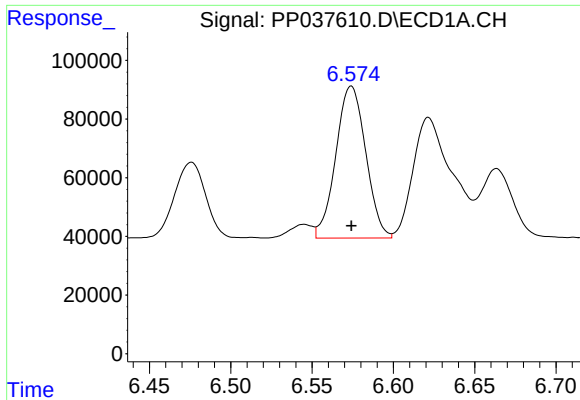
#21 AR-1248-1

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 516445
Conc: 492.05 ng/ml



#21 AR-1248-1

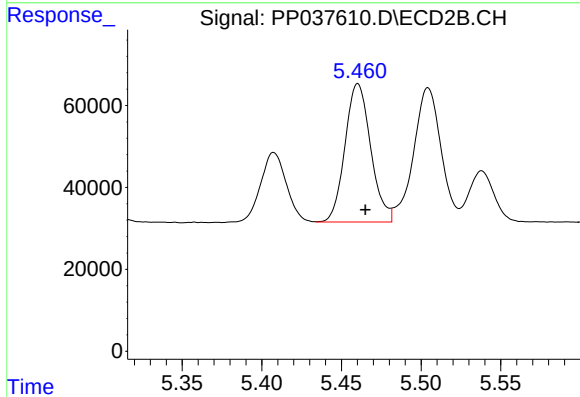
R.T.: 5.196 min
Delta R.T.: -0.005 min
Response: 283898
Conc: 449.87 ng/ml



#22 AR-1248-2

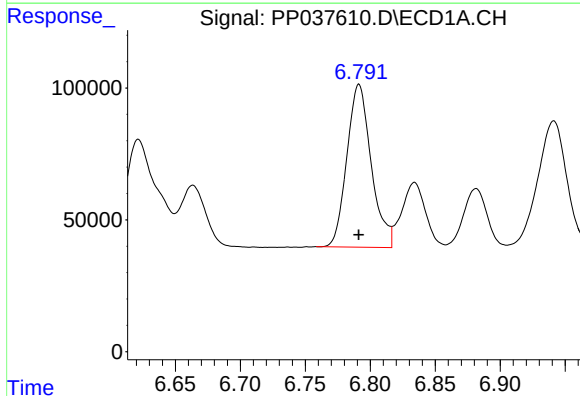
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 663136
Conc: 446.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



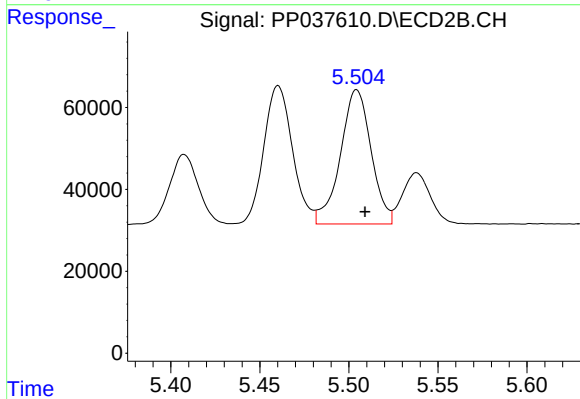
#22 AR-1248-2

R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 379505
Conc: 462.66 ng/ml



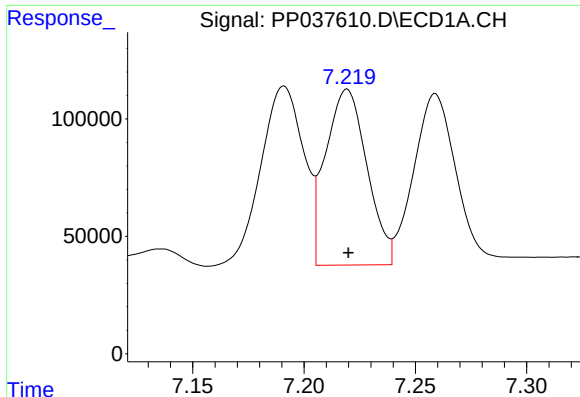
#23 AR-1248-3

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 805240
Conc: 487.49 ng/ml



#23 AR-1248-3

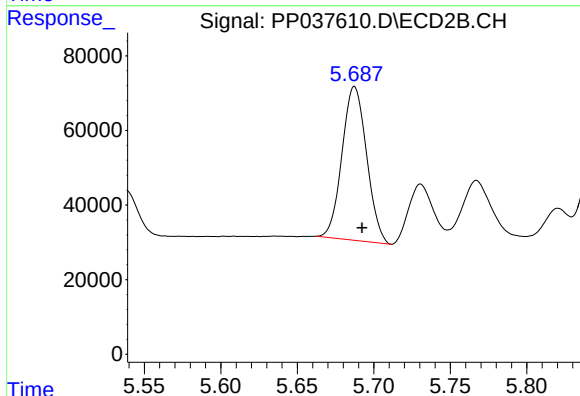
R.T.: 5.504 min
Delta R.T.: -0.005 min
Response: 394444
Conc: 460.92 ng/ml



#24 AR-1248-4

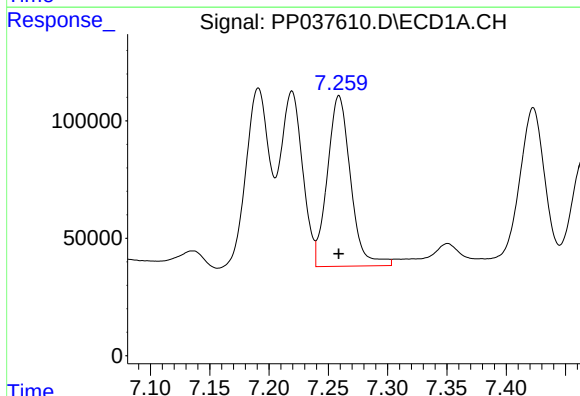
R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 967544
Conc: 511.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



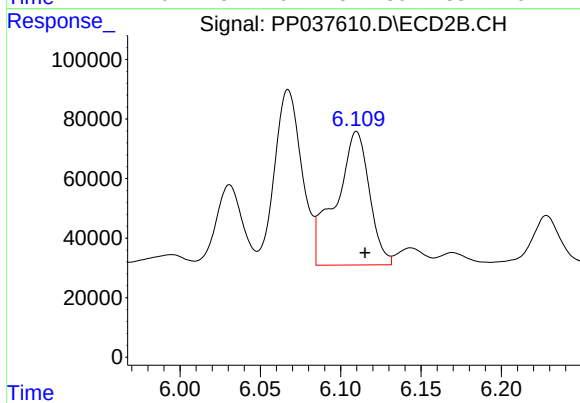
#24 AR-1248-4

R.T.: 5.687 min
Delta R.T.: -0.005 min
Response: 462207
Conc: 454.18 ng/ml



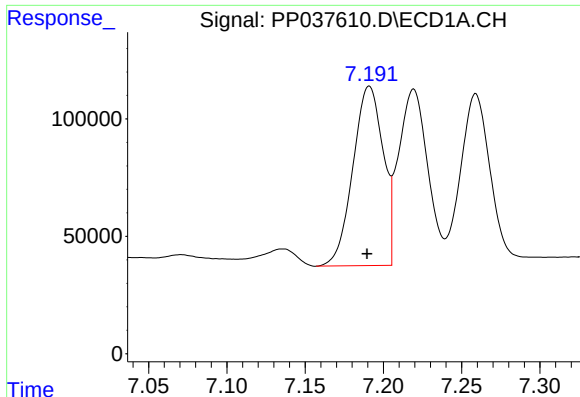
#25 AR-1248-5

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 989499
Conc: 528.69 ng/ml



#25 AR-1248-5

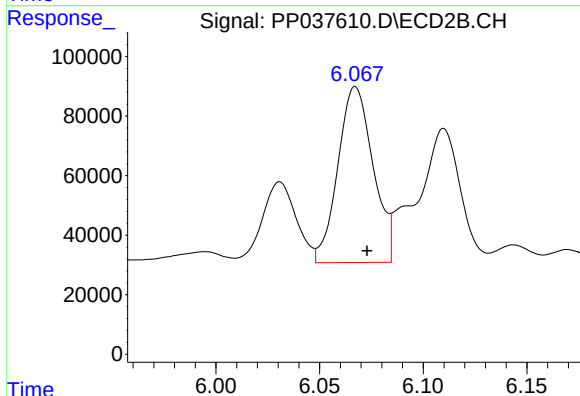
R.T.: 6.110 min
Delta R.T.: -0.005 min
Response: 650701
Conc: 613.44 ng/ml



#26 AR-1254-1

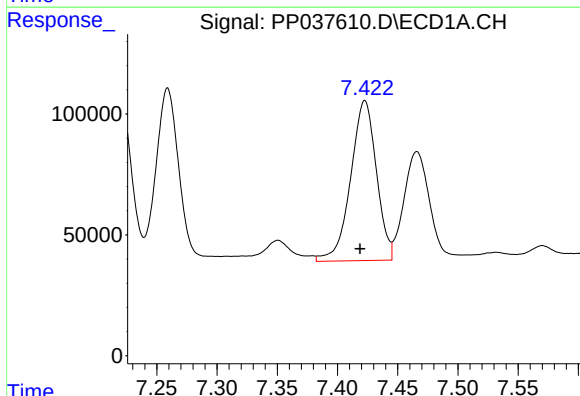
R.T.: 7.191 min
Delta R.T.: 0.001 min
Response: 1025907
Conc: 571.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



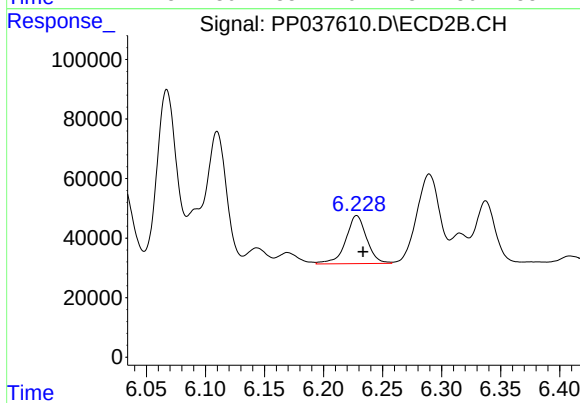
#26 AR-1254-1

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 698289
Conc: 470.36 ng/ml



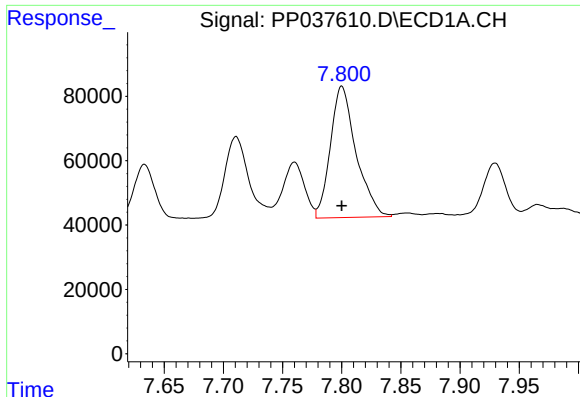
#27 AR-1254-2

R.T.: 7.423 min
Delta R.T.: 0.004 min
Response: 987701
Conc: 355.07 ng/ml



#27 AR-1254-2

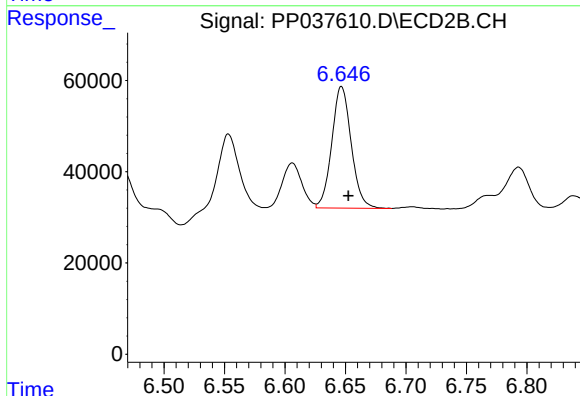
R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 199579
Conc: 153.64 ng/ml



#28 AR-1254-3

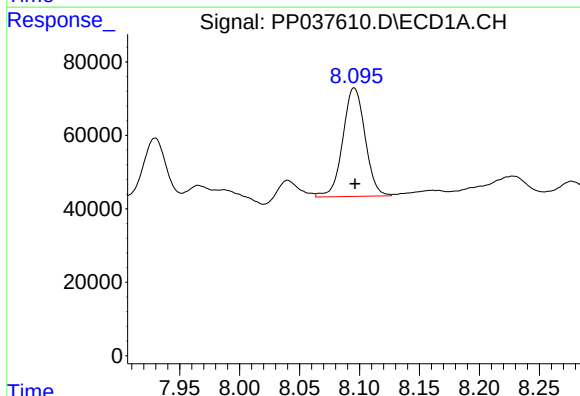
R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 617941
Conc: 200.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



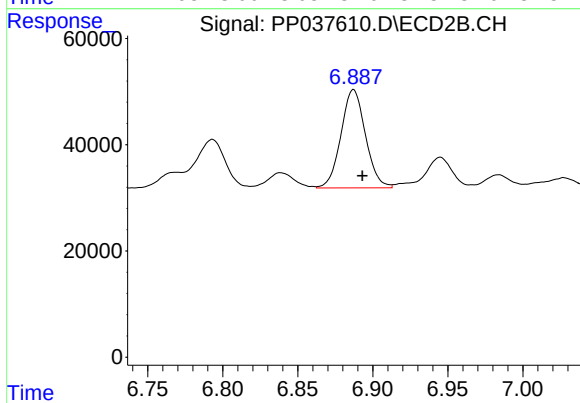
#28 AR-1254-3

R.T.: 6.647 min
Delta R.T.: -0.006 min
Response: 298091
Conc: 139.68 ng/ml



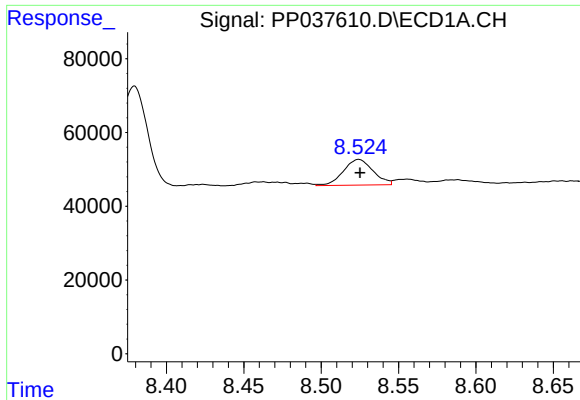
#29 AR-1254-4

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 381205
Conc: 167.83 ng/ml



#29 AR-1254-4

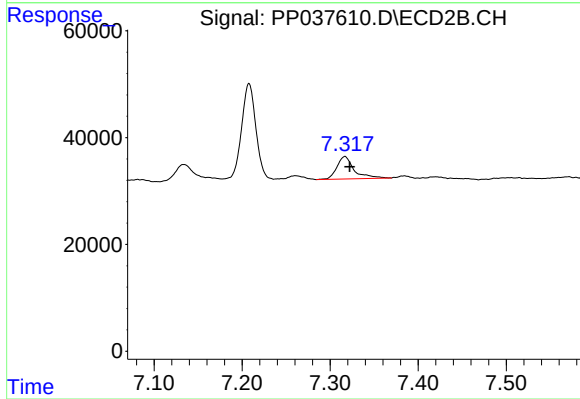
R.T.: 6.887 min
Delta R.T.: -0.006 min
Response: 210233
Conc: 154.96 ng/ml



#30 AR-1254-5

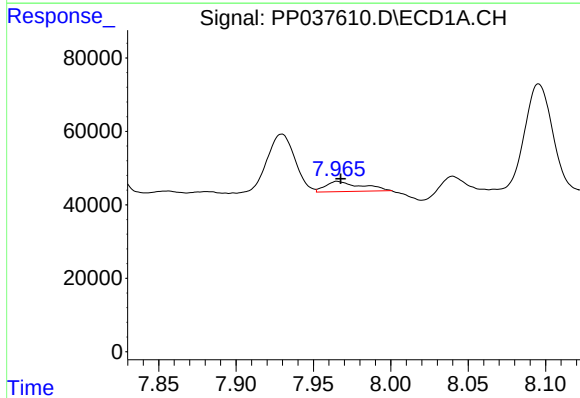
R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 93196
Conc: 37.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



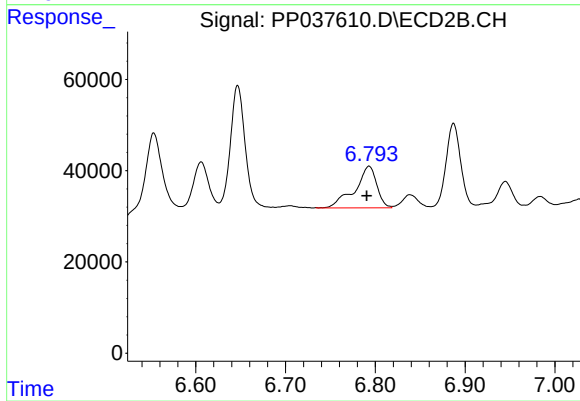
#30 AR-1254-5

R.T.: 7.317 min
Delta R.T.: -0.006 min
Response: 57140
Conc: 30.48 ng/ml



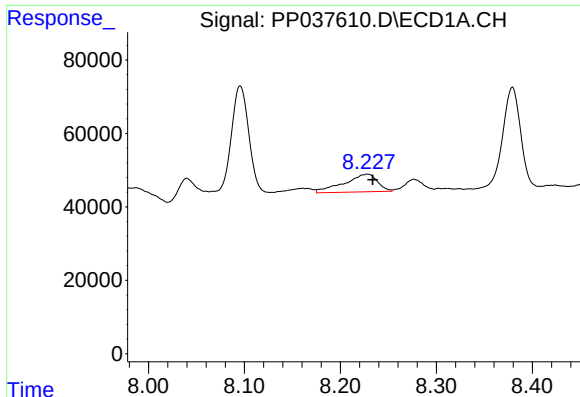
#31 AR-1260-1

R.T.: 7.965 min
Delta R.T.: -0.002 min
Response: 45285
Conc: 20.57 ng/ml



#31 AR-1260-1

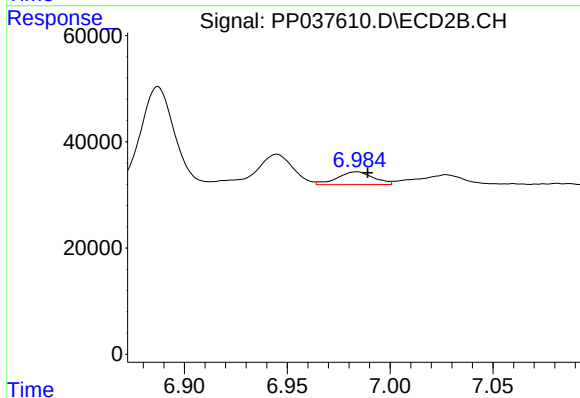
R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 155906
Conc: 112.83 ng/ml



#32 AR-1260-2

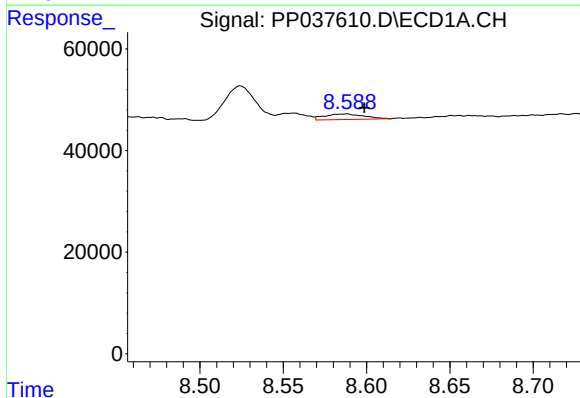
R.T.: 8.228 min
Delta R.T.: -0.006 min
Response: 116225
Conc: 41.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



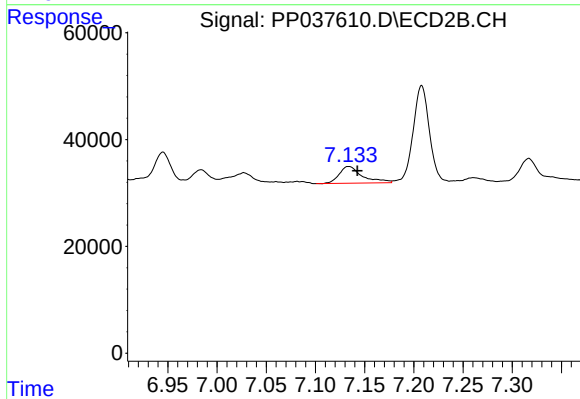
#32 AR-1260-2

R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 29718
Conc: 17.69 ng/ml



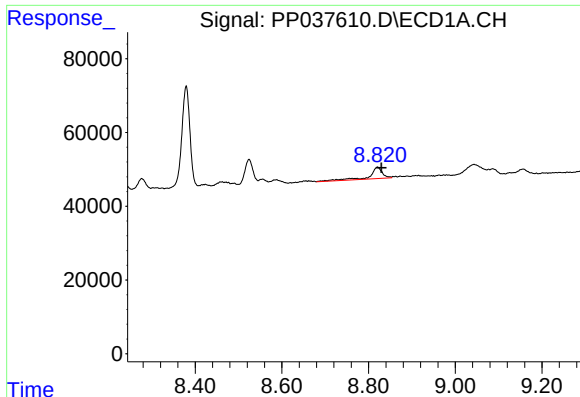
#33 AR-1260-3

R.T.: 8.588 min
Delta R.T.: -0.011 min
Response: 18181
Conc: 9.00 ng/ml



#33 AR-1260-3

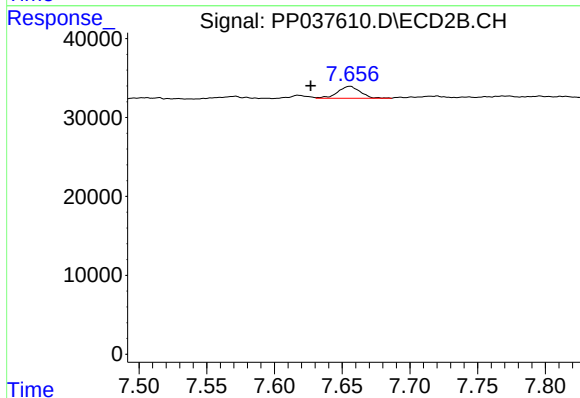
R.T.: 7.134 min
Delta R.T.: -0.009 min
Response: 51251
Conc: 29.91 ng/ml



#34 AR-1260-4

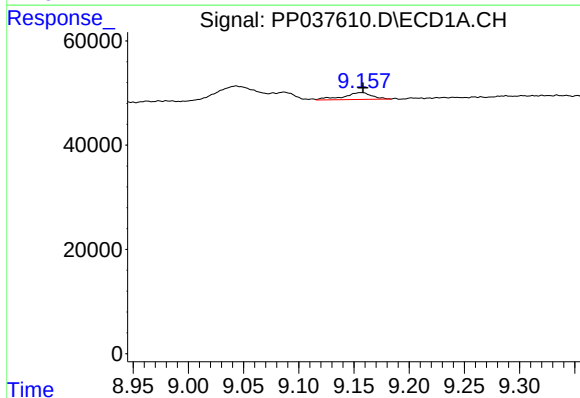
R.T.: 8.821 min
Delta R.T.: -0.009 min
Response: 65552
Conc: 26.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



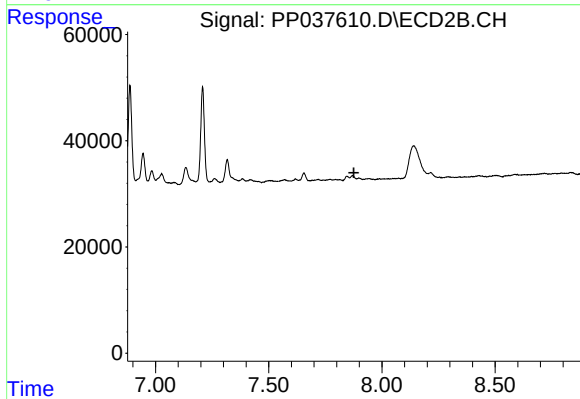
#34 AR-1260-4

R.T.: 7.656 min
Delta R.T.: 0.029 min
Response: 17686
Conc: 13.01 ng/ml



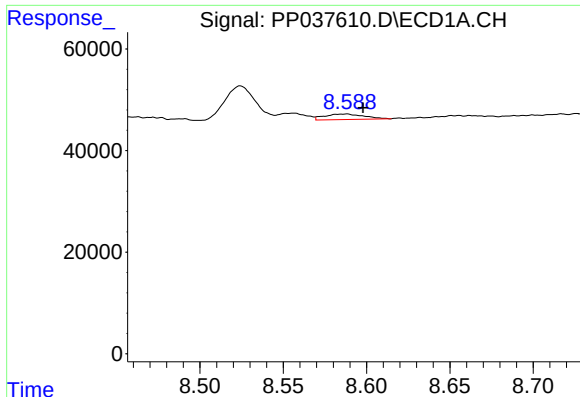
#35 AR-1260-5

R.T.: 9.157 min
Delta R.T.: -0.001 min
Response: 23503
Conc: 5.09 ng/ml



#35 AR-1260-5

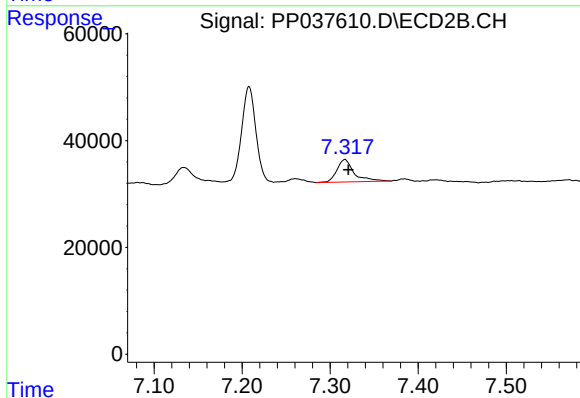
R.T.: 0.000 min
Exp R.T.: 7.876 min
Response: 0
Conc: N.D.



#36 AR-1262-1

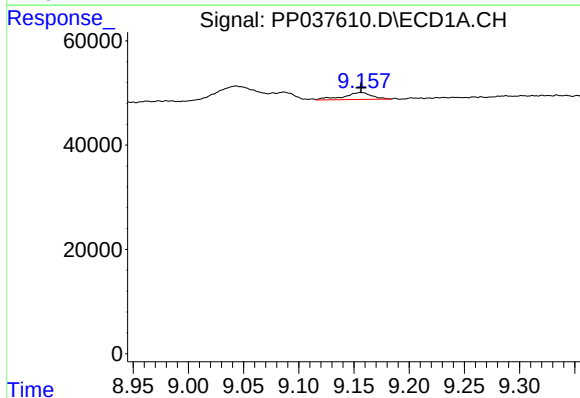
R.T.: 8.588 min
Delta R.T.: -0.010 min
Response: 18181
Conc: 6.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



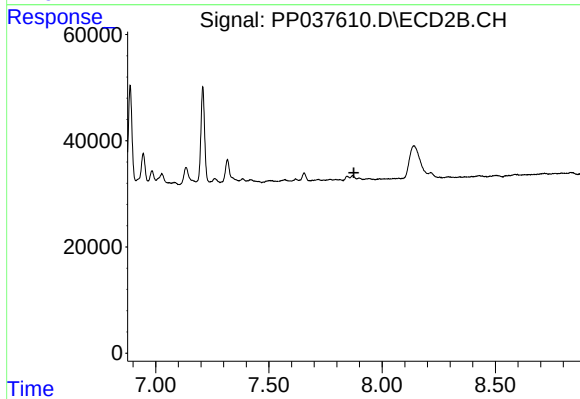
#36 AR-1262-1

R.T.: 7.317 min
Delta R.T.: -0.004 min
Response: 57140
Conc: 55.03 ng/ml



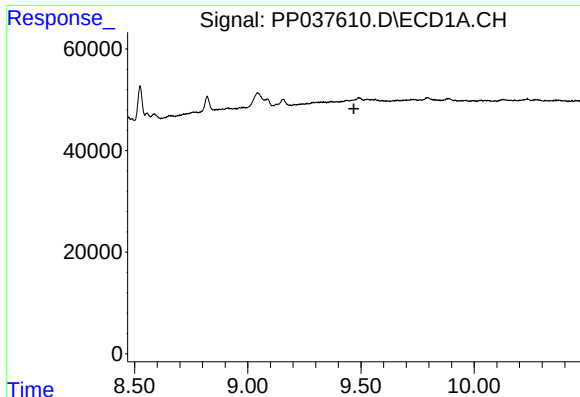
#37 AR-1262-2

R.T.: 9.157 min
Delta R.T.: 0.000 min
Response: 23503
Conc: 4.48 ng/ml



#37 AR-1262-2

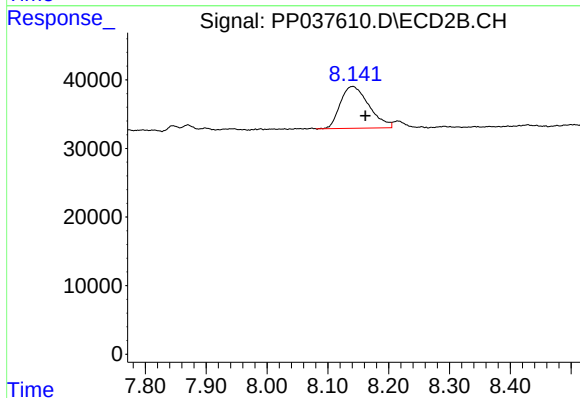
R.T.: 0.000 min
Exp R.T. : 7.875 min
Response: 0
Conc: N.D.



#38 AR-1262-3

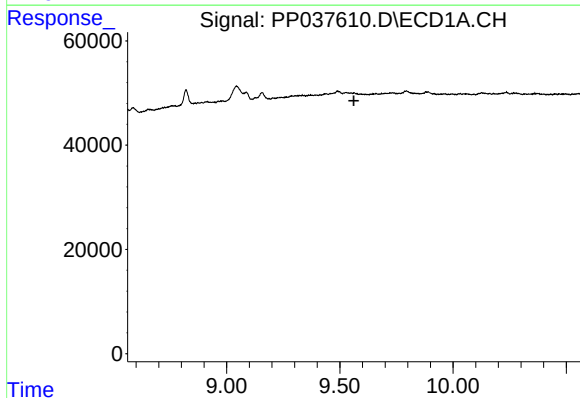
R.T.: 0.000 min
Exp R.T.: 9.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



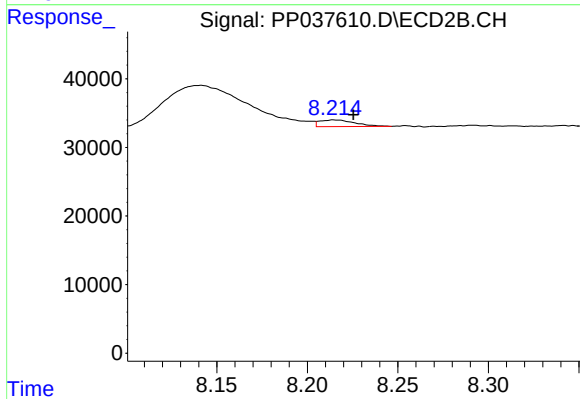
#38 AR-1262-3

R.T.: 8.141 min
Delta R.T.: -0.021 min
Response: 199660
Conc: 141.81 ng/ml



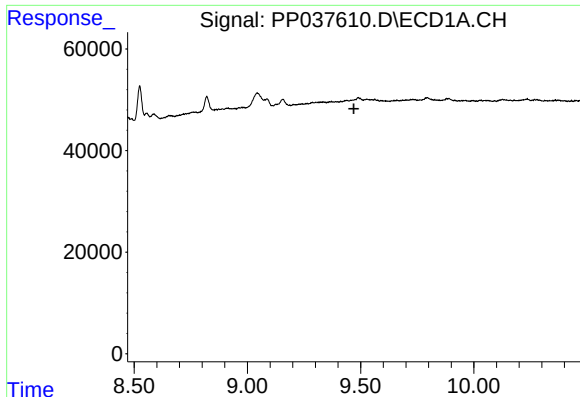
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 9.562 min
Response: 0
Conc: N.D.



#39 AR-1262-4

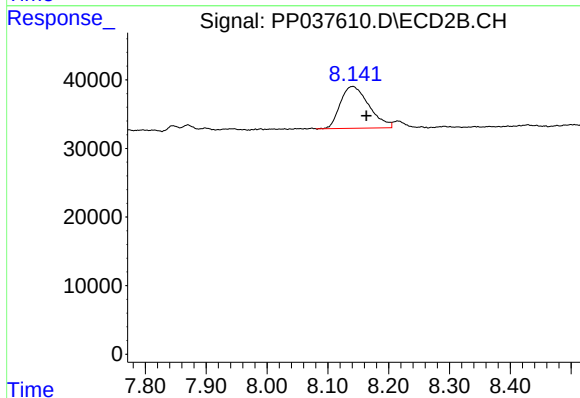
R.T.: 8.215 min
Delta R.T.: -0.011 min
Response: 13067
Conc: 4.91 ng/ml



#41 AR-1268-1

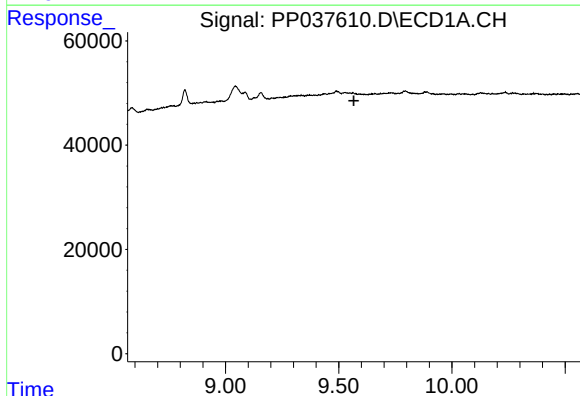
R.T.: 0.000 min
Exp R.T.: 9.470 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



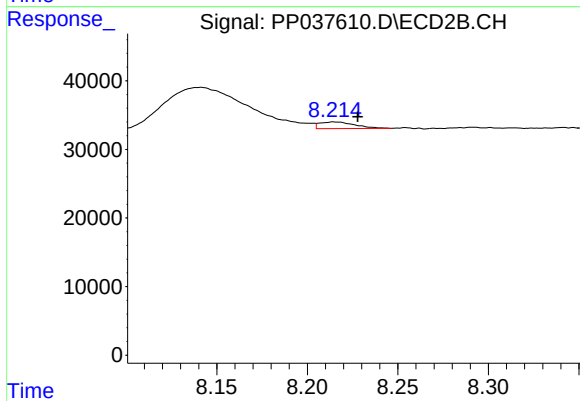
#41 AR-1268-1

R.T.: 8.141 min
Delta R.T.: -0.022 min
Response: 199660
Conc: 50.10 ng/ml



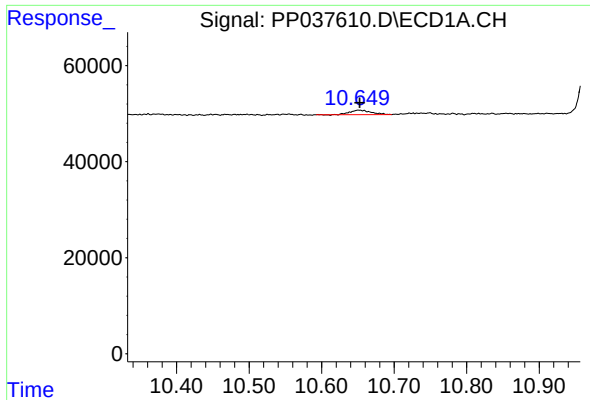
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.567 min
Response: 0
Conc: N.D.



#42 AR-1268-2

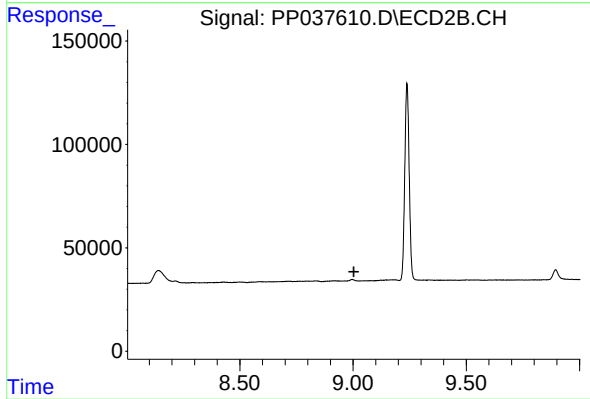
R.T.: 8.215 min
Delta R.T.: -0.013 min
Response: 13067
Conc: 3.53 ng/ml



#45 AR-1268-5

R.T.: 10.651 min
Delta R.T.: -0.002 min
Response: 19021
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.004 min
Response: 0
Conc: N.D.