

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP082321\
 Data File : PP038772.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2021 12:47
 Operator : AJ\MA
 Sample : M3489-09DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 14:40:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 18 04:51:26 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...	4.884	3.869	137155	87674	3.398	3.659
2)	SA Decachlor...	10.875	9.127	106393	182445	4.324	7.491 #
Target Compounds							
3)	L1 AR-1016-1	6.204	5.113	169537	107756	130.650	123.622
4)	L1 AR-1016-2	6.227	5.133	242625	216678	131.290	174.228 #
5)	L1 AR-1016-3	6.292	5.322	140944	85981	123.358	126.268
6)	L1 AR-1016-4	6.401	5.376	115073	89311	123.386	170.543 #
7)	L1 AR-1016-5	6.715	5.602	129339	125063	152.578	188.559
8)	L2 AR-1221-1	5.135	0.000	24997	0	53.451	N.D. #
10)	L2 AR-1221-3	5.321	4.309	74132	40425	69.608	59.869
11)	L3 AR-1232-1	5.321	4.309	74132	40425	74.955	65.083
12)	L3 AR-1232-2	5.908	5.133	90774	216678	194.938	379.634 #
13)	L3 AR-1232-3	6.227	5.322	242625	85981	284.184	294.138
14)	L3 AR-1232-4	6.401	5.420	115073	101895	271.777	411.835 #
15)	L3 AR-1232-5	6.497	5.602	116374	125063	433.077	462.564
16)	L4 AR-1242-1	6.204	5.113	169537	107756	170.206	156.069
17)	L4 AR-1242-2	6.227	5.133	242625	216678	168.842	221.968 #
18)	L4 AR-1242-3	6.292	5.322	140944	85981	157.435	163.508
19)	L4 AR-1242-4	6.401	5.420	115073	101895	157.151	213.170 #
20)	L4 AR-1242-5	7.184	5.981	179145	381775	250.567	616.712 #
21)	L5 AR-1248-1	6.204	5.113	169537	107756	212.770	197.749
22)	L5 AR-1248-2	6.497	5.376	116374	89311	118.694	120.167
23)	L5 AR-1248-3	6.715	5.420	129339	101895	112.047	134.186
24)	L5 AR-1248-4	7.144	5.602	190996	125063	154.670	135.208
25)	L5 AR-1248-5	7.184	6.024	179145	162604	146.519	180.091
26)	L6 AR-1254-1	7.113	5.981	350730	381775	307.383	290.702
27)	L6 AR-1254-2	7.343	6.142	459312	319223	265.982	278.124
28)	L6 AR-1254-3	7.726	6.560	249314	167260	138.884	89.888 #
29)	L6 AR-1254-4	8.021	6.799	159264	89425	123.431	76.521 #
30)	L6 AR-1254-5	8.450	7.226	1255897	1256315	1015.432	777.272
31)	L7 AR-1260-1	7.892	6.696	839129	833764	701.145	712.504
32)	L7 AR-1260-2	8.159	6.895	1083603	1084292	738.557	761.726
33)	L7 AR-1260-3	8.523	7.047	776988	959785	809.786	667.371
34)	L7 AR-1260-4	8.755	7.529	928404	829153	816.437	738.300
35)	L7 AR-1260-5	9.079	7.779	2035490	2078476	907.084	767.339
36)	L8 AR-1262-1	8.523	7.226	776988	1256315	522.681	1389.916 #
37)	L8 AR-1262-2	9.079	7.779	2035490	2078476	764.529	672.738
38)	L8 AR-1262-3	9.387	8.064	399017	432003	334.891	343.845
39)	L8 AR-1262-4	9.460	8.126	802815	1545166	996.496	653.795 #
40)	L8 AR-1262-5	10.138	8.626	591410	551094	554.834	484.689
41)	L9 AR-1268-1	9.387	8.064	399017	432003	124.398	118.305
42)	L9 AR-1268-2	9.460f	8.126	802815	1545166	260.580	447.903 #

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 Acq On : 23 Aug 2021 12:47
 Operator : AJ\MA
 Sample : M3489-09DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

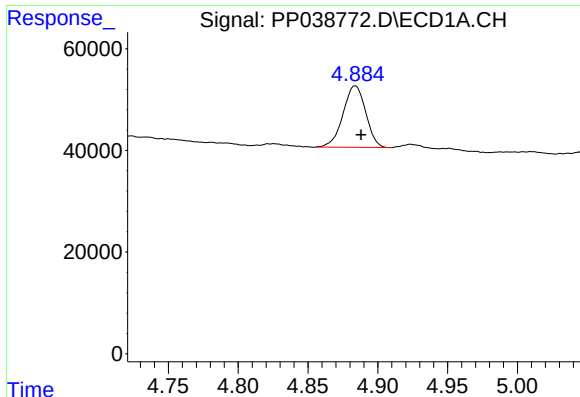
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 14:40:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081721.M
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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
44) L9	AR-1268-4	10.138	8.626	591410	551094	485.457	435.744
45) L9	AR-1268-5	10.546	8.898	180061	150224	18.899	15.457

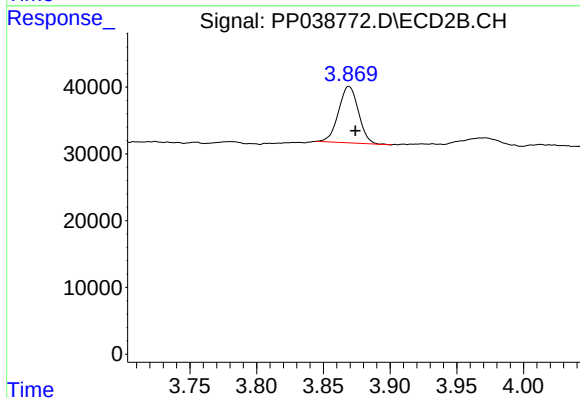
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

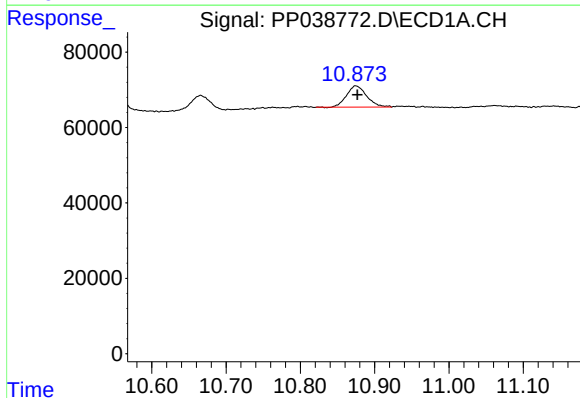
R.T.: 4.884 min
Delta R.T.: -0.004 min
Response: 137155
Conc: 3.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



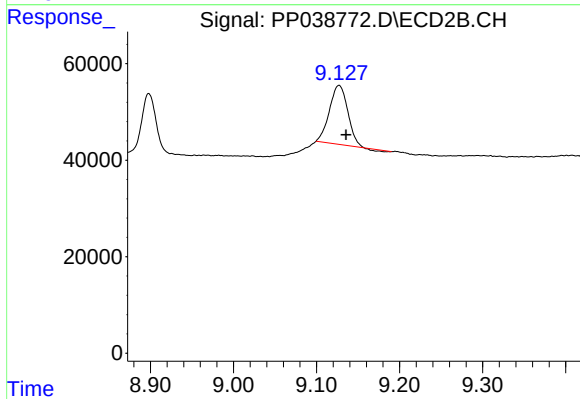
#1 Tetrachloro-m-xylene

R.T.: 3.869 min
Delta R.T.: -0.005 min
Response: 87674
Conc: 3.66 ng/ml



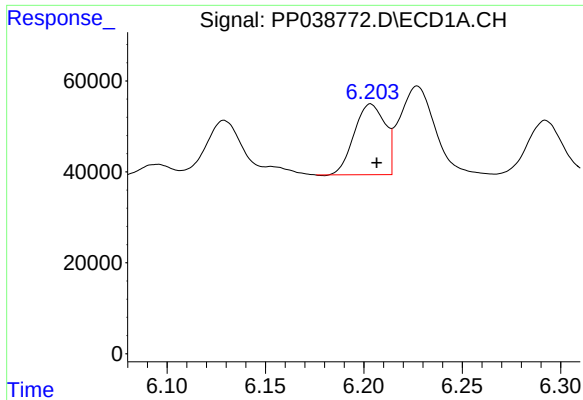
#2 Decachlorobiphenyl

R.T.: 10.875 min
Delta R.T.: -0.002 min
Response: 106393
Conc: 4.32 ng/ml



#2 Decachlorobiphenyl

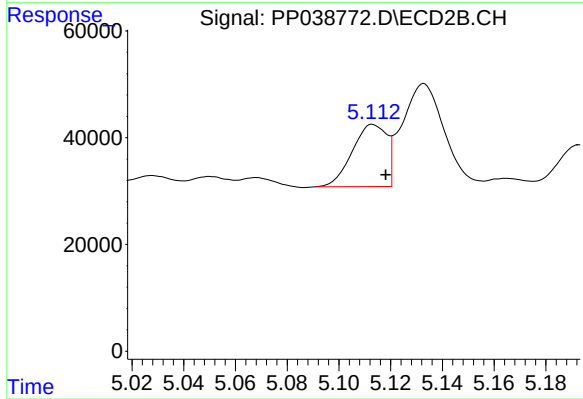
R.T.: 9.127 min
Delta R.T.: -0.009 min
Response: 182445
Conc: 7.49 ng/ml



#3 AR-1016-1

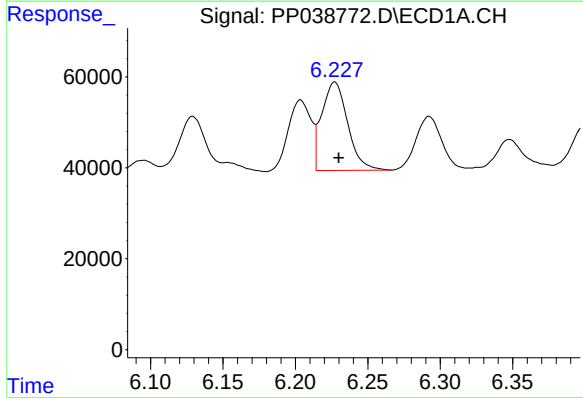
R.T.: 6.204 min
Delta R.T.: -0.003 min
Response: 169537
Conc: 130.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



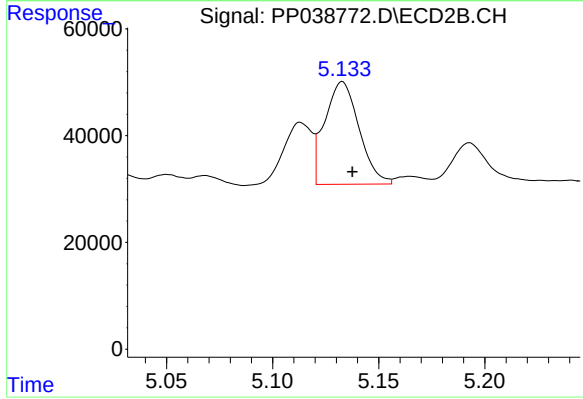
#3 AR-1016-1

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 107756
Conc: 123.62 ng/ml



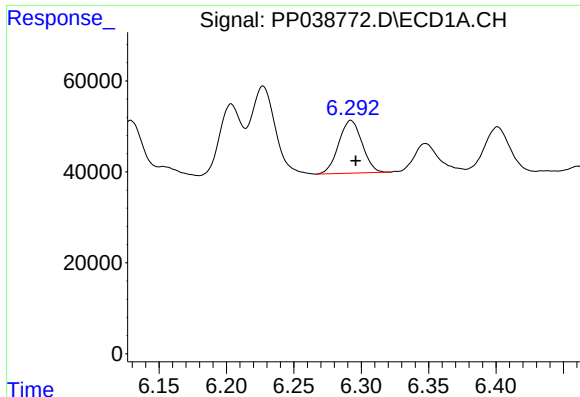
#4 AR-1016-2

R.T.: 6.227 min
Delta R.T.: -0.003 min
Response: 242625
Conc: 131.29 ng/ml



#4 AR-1016-2

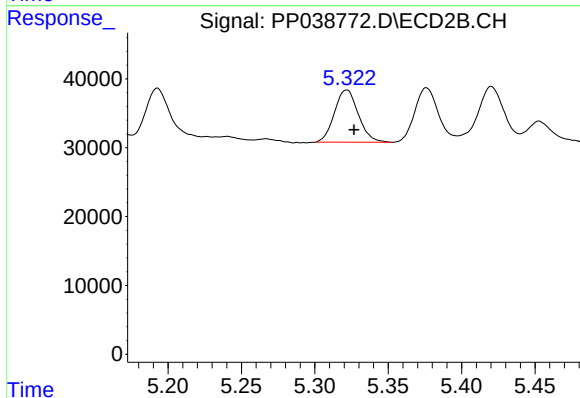
R.T.: 5.133 min
Delta R.T.: -0.005 min
Response: 216678
Conc: 174.23 ng/ml



#5 AR-1016-3

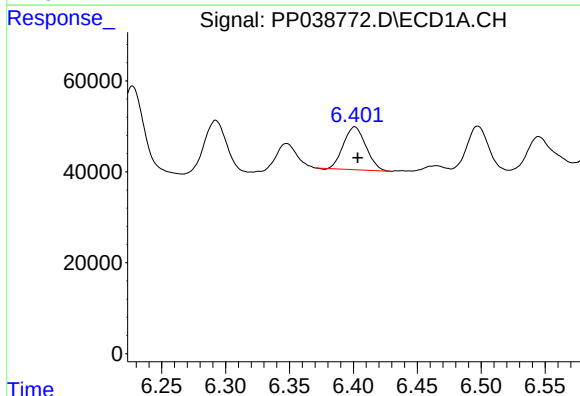
R.T.: 6.292 min
Delta R.T.: -0.004 min
Response: 140944
Conc: 123.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



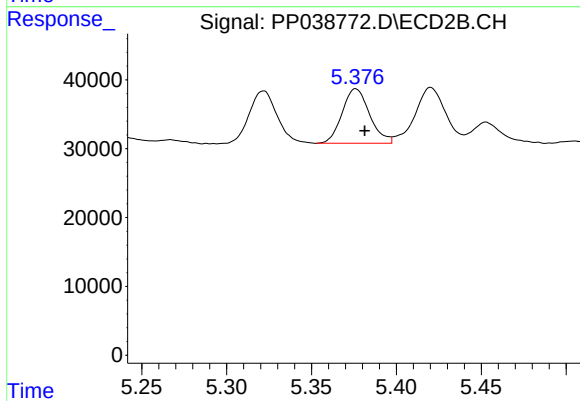
#5 AR-1016-3

R.T.: 5.322 min
Delta R.T.: -0.005 min
Response: 85981
Conc: 126.27 ng/ml



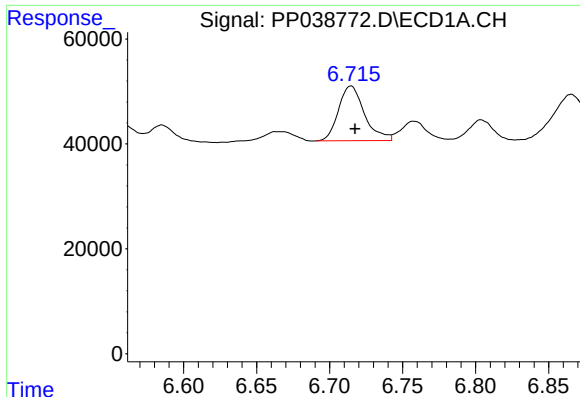
#6 AR-1016-4

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 115073
Conc: 123.39 ng/ml



#6 AR-1016-4

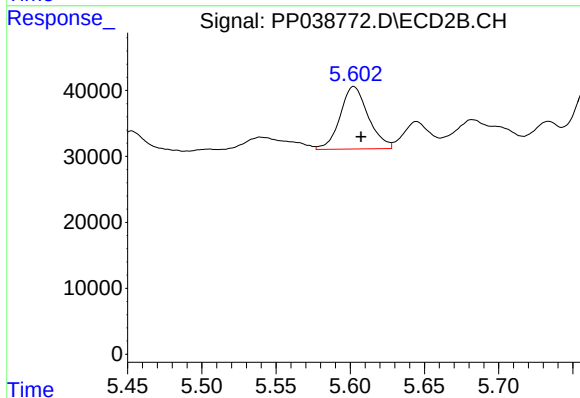
R.T.: 5.376 min
Delta R.T.: -0.005 min
Response: 89311
Conc: 170.54 ng/ml



#7 AR-1016-5

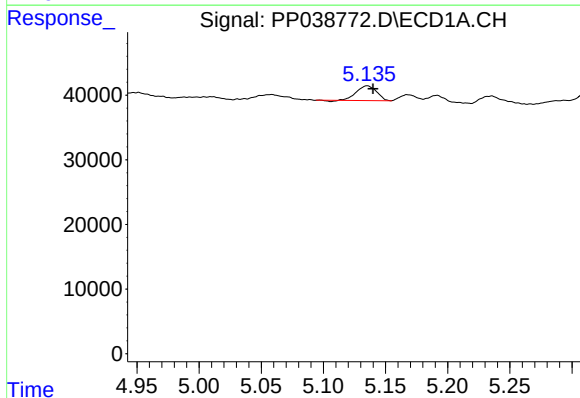
R.T.: 6.715 min
Delta R.T.: -0.003 min
Response: 129339
Conc: 152.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



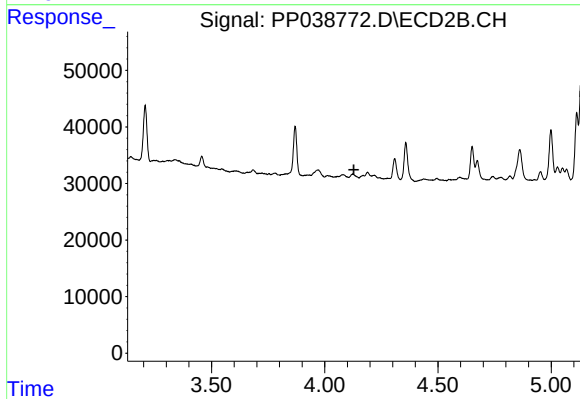
#7 AR-1016-5

R.T.: 5.602 min
Delta R.T.: -0.005 min
Response: 125063
Conc: 188.56 ng/ml



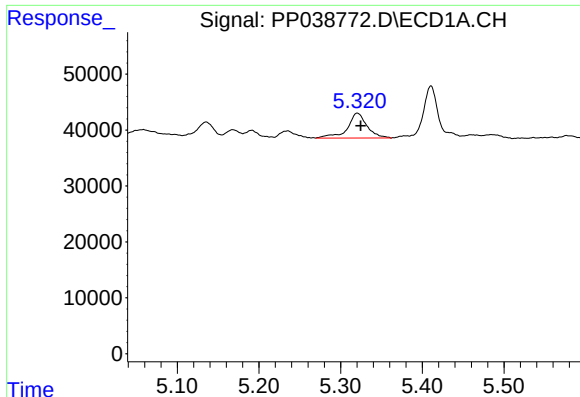
#8 AR-1221-1

R.T.: 5.135 min
Delta R.T.: -0.005 min
Response: 24997
Conc: 53.45 ng/ml



#8 AR-1221-1

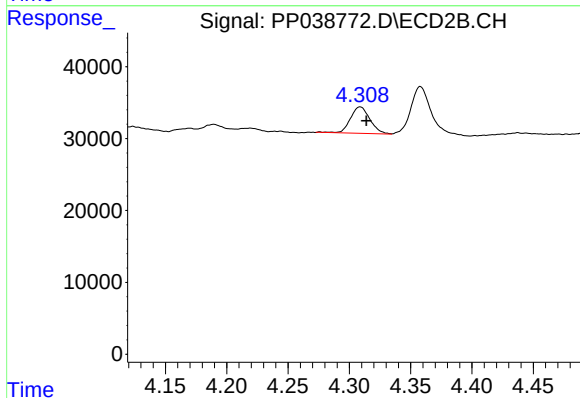
R.T.: 0.000 min
Exp R.T.: 4.129 min
Response: 0
Conc: N.D.



#10 AR-1221-3

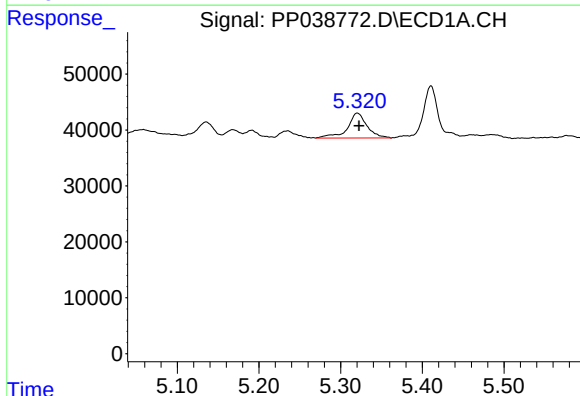
R.T.: 5.321 min
Delta R.T.: -0.004 min
Response: 74132
Conc: 69.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



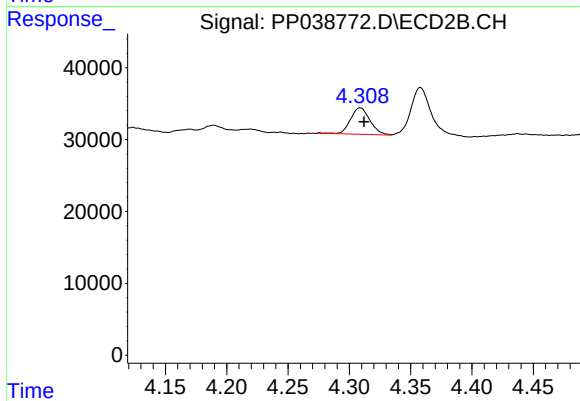
#10 AR-1221-3

R.T.: 4.309 min
Delta R.T.: -0.005 min
Response: 40425
Conc: 59.87 ng/ml



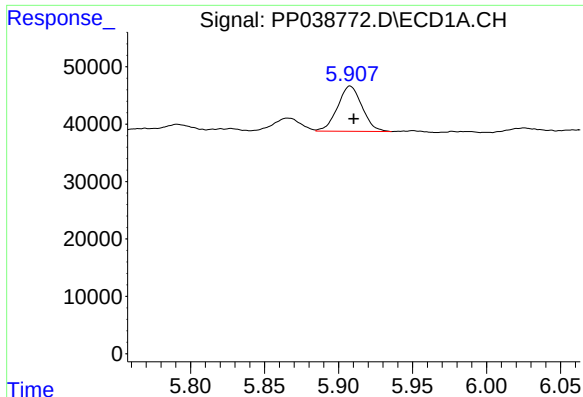
#11 AR-1232-1

R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 74132
Conc: 74.95 ng/ml



#11 AR-1232-1

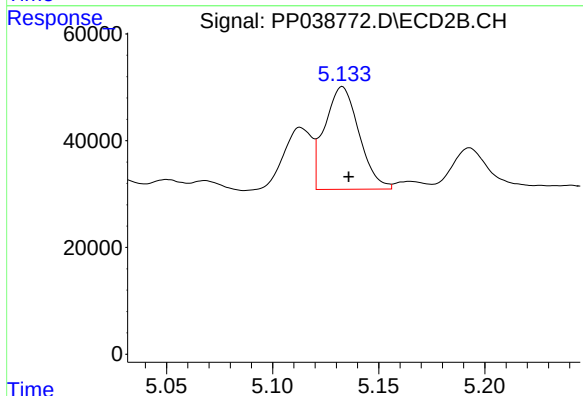
R.T.: 4.309 min
Delta R.T.: -0.003 min
Response: 40425
Conc: 65.08 ng/ml



#12 AR-1232-2

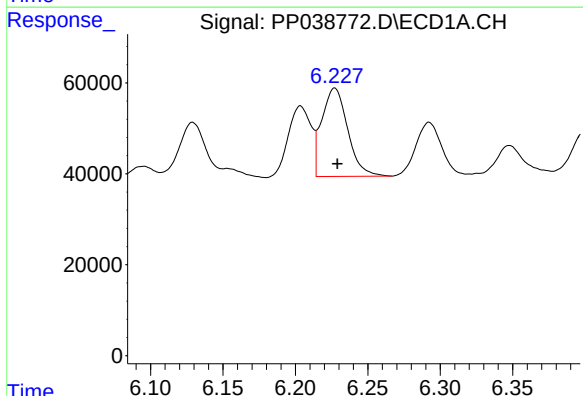
R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 90774
Conc: 194.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



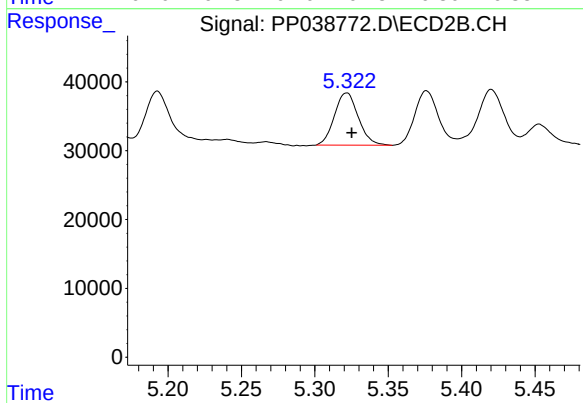
#12 AR-1232-2

R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 216678
Conc: 379.63 ng/ml



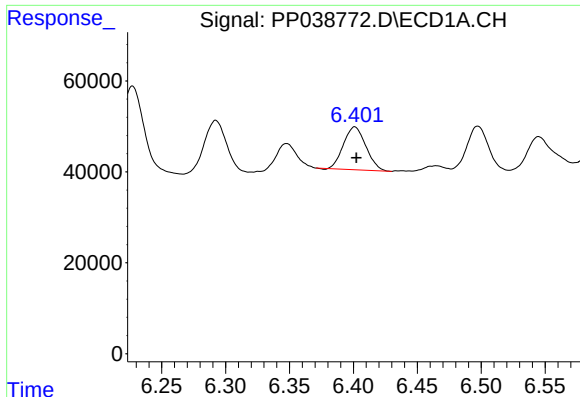
#13 AR-1232-3

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 242625
Conc: 284.18 ng/ml



#13 AR-1232-3

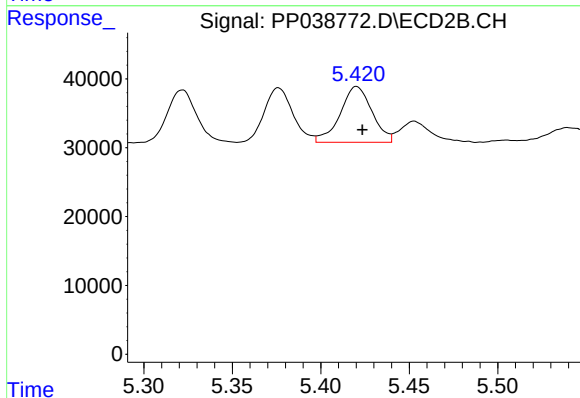
R.T.: 5.322 min
Delta R.T.: -0.003 min
Response: 85981
Conc: 294.14 ng/ml



#14 AR-1232-4

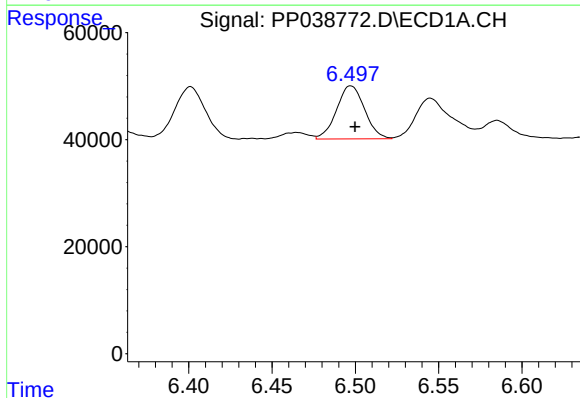
R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 115073
Conc: 271.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



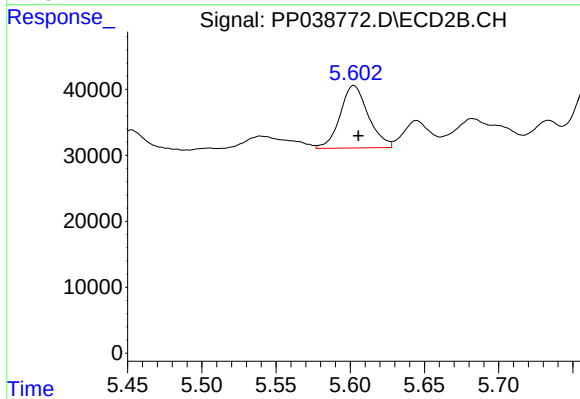
#14 AR-1232-4

R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 101895
Conc: 411.84 ng/ml



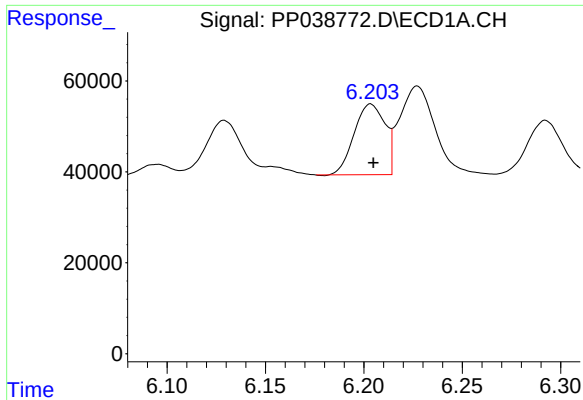
#15 AR-1232-5

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 116374
Conc: 433.08 ng/ml



#15 AR-1232-5

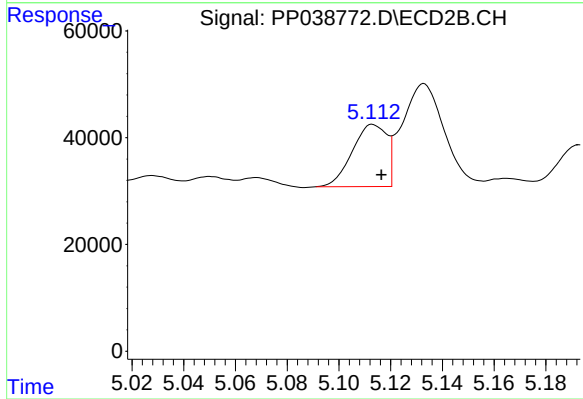
R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 125063
Conc: 462.56 ng/ml



#16 AR-1242-1

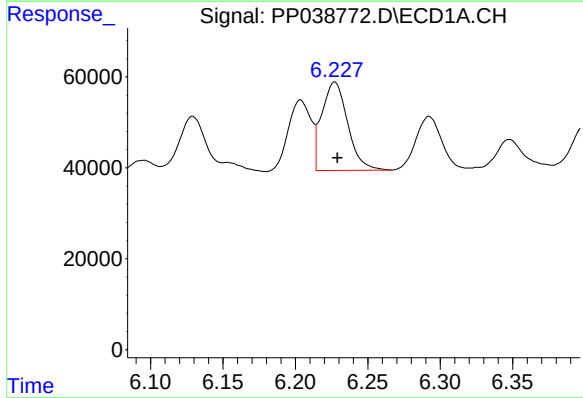
R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 169537
Conc: 170.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



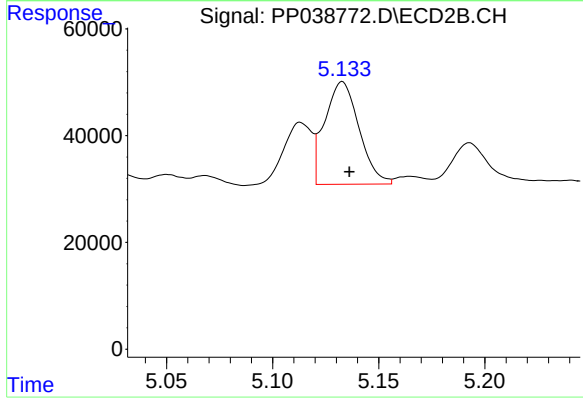
#16 AR-1242-1

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 107756
Conc: 156.07 ng/ml



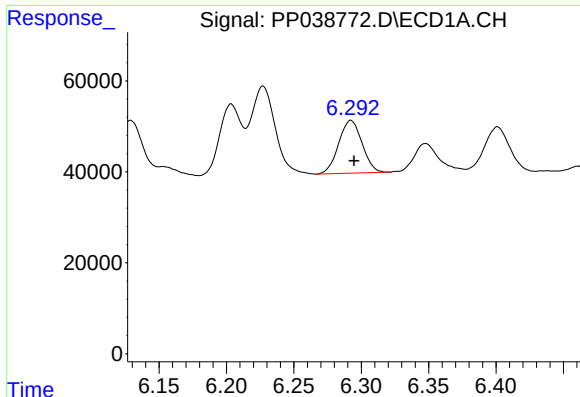
#17 AR-1242-2

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 242625
Conc: 168.84 ng/ml



#17 AR-1242-2

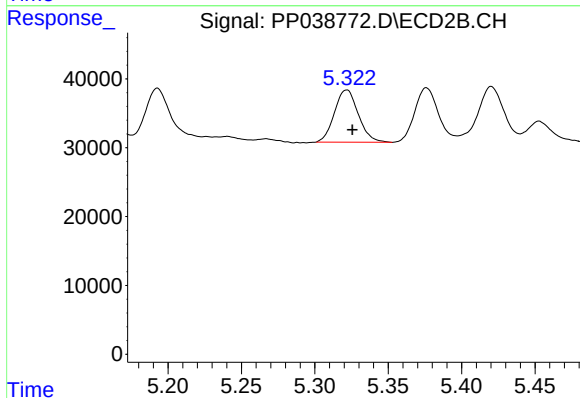
R.T.: 5.133 min
Delta R.T.: -0.003 min
Response: 216678
Conc: 221.97 ng/ml



#18 AR-1242-3

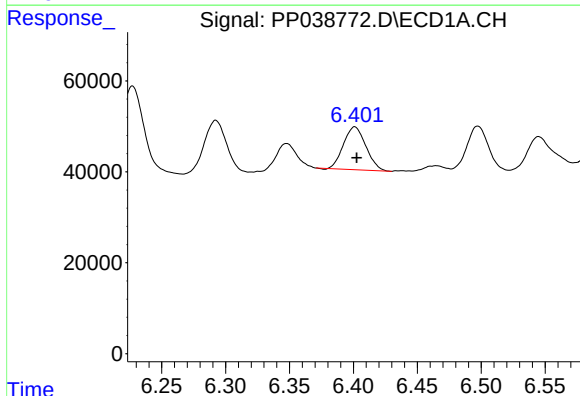
R.T.: 6.292 min
Delta R.T.: -0.002 min
Response: 140944
Conc: 157.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



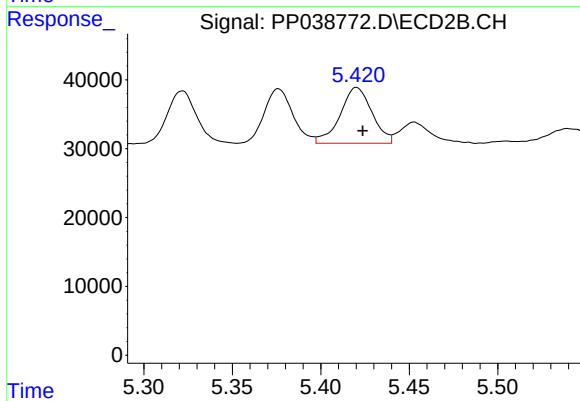
#18 AR-1242-3

R.T.: 5.322 min
Delta R.T.: -0.004 min
Response: 85981
Conc: 163.51 ng/ml



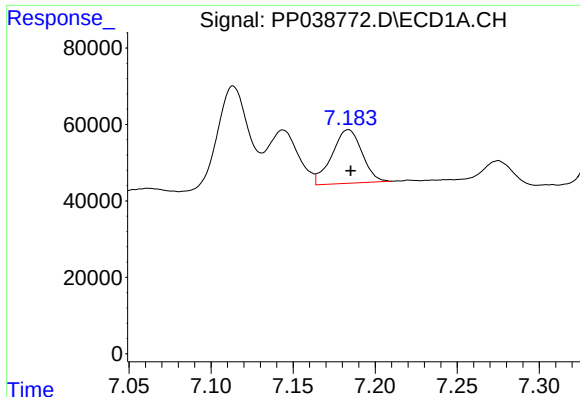
#19 AR-1242-4

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 115073
Conc: 157.15 ng/ml



#19 AR-1242-4

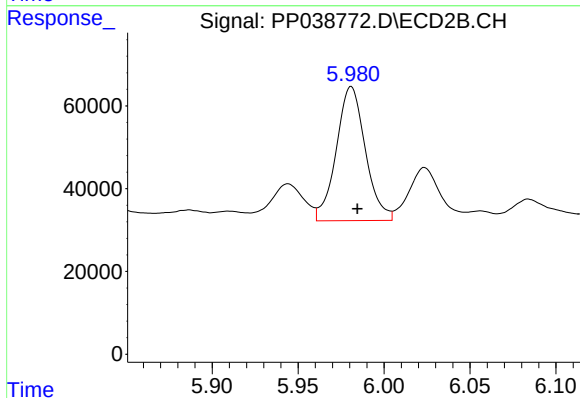
R.T.: 5.420 min
Delta R.T.: -0.003 min
Response: 101895
Conc: 213.17 ng/ml



#20 AR-1242-5

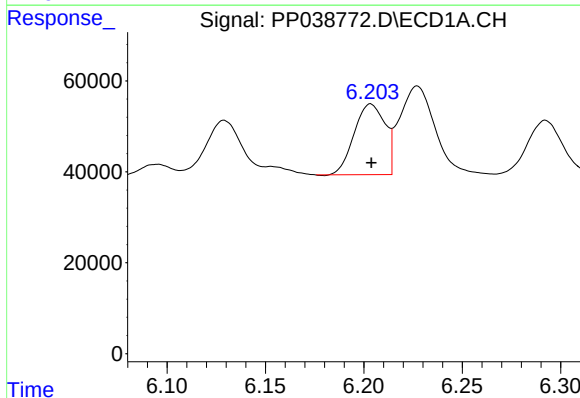
R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 179145
Conc: 250.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



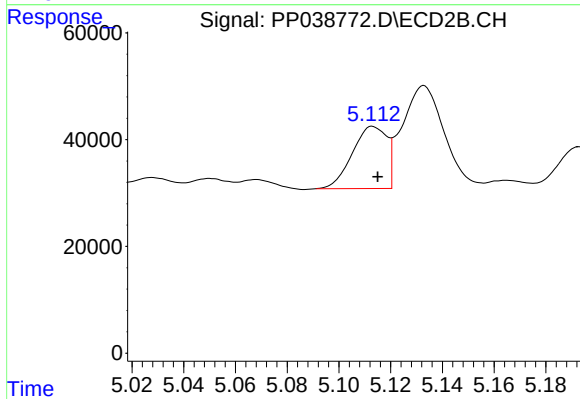
#20 AR-1242-5

R.T.: 5.981 min
Delta R.T.: -0.004 min
Response: 381775
Conc: 616.71 ng/ml



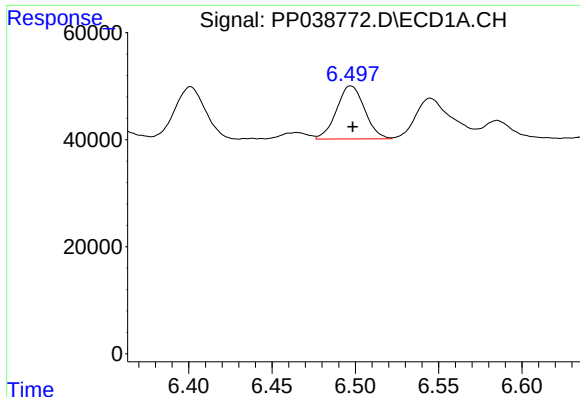
#21 AR-1248-1

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 169537
Conc: 212.77 ng/ml



#21 AR-1248-1

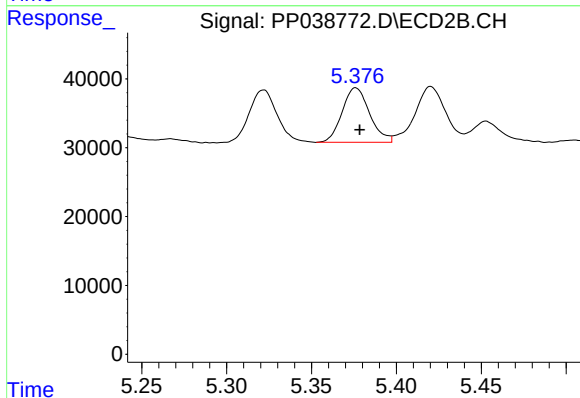
R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 107756
Conc: 197.75 ng/ml



#22 AR-1248-2

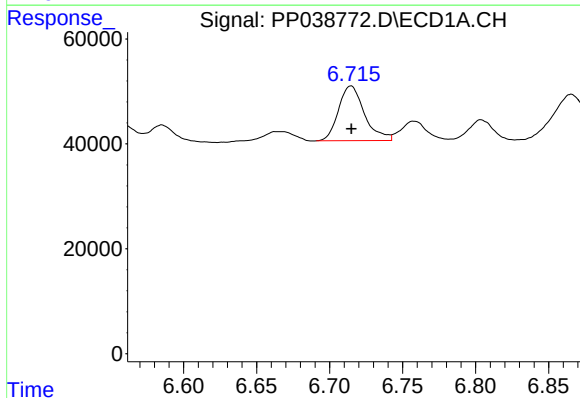
R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 116374
Conc: 118.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



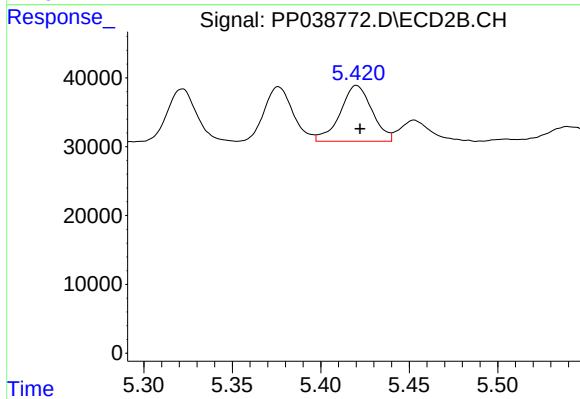
#22 AR-1248-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 89311
Conc: 120.17 ng/ml



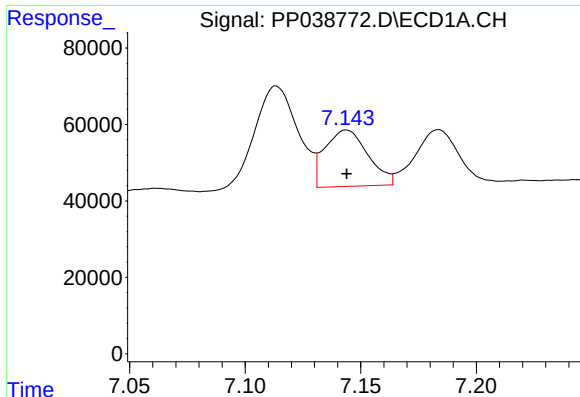
#23 AR-1248-3

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 129339
Conc: 112.05 ng/ml



#23 AR-1248-3

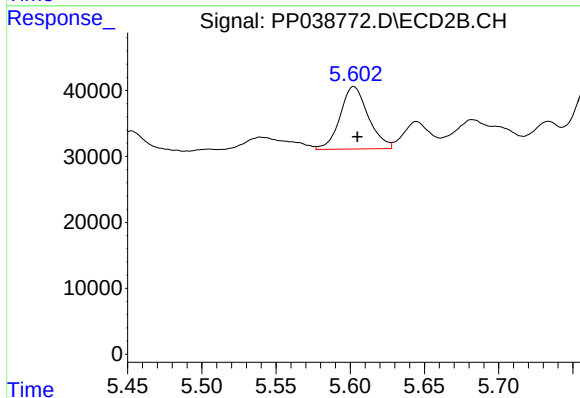
R.T.: 5.420 min
Delta R.T.: -0.002 min
Response: 101895
Conc: 134.19 ng/ml



#24 AR-1248-4

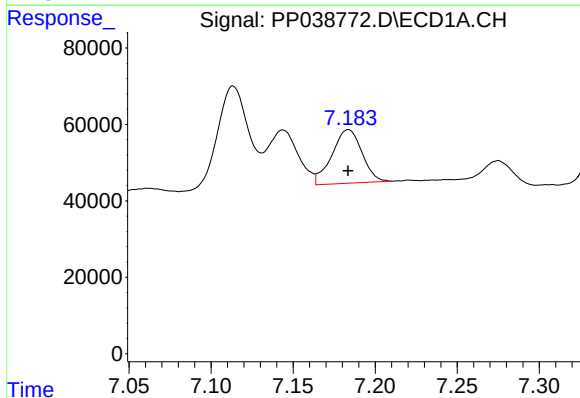
R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 190996
Conc: 154.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



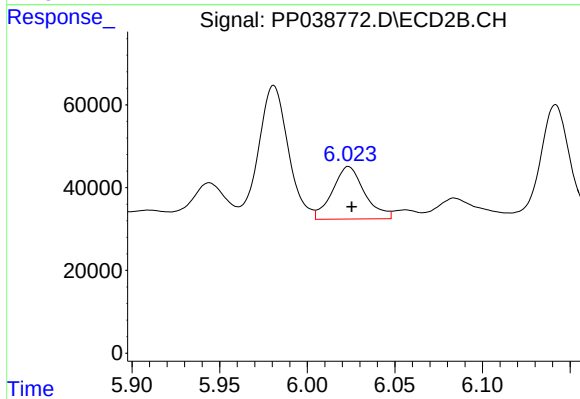
#24 AR-1248-4

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 125063
Conc: 135.21 ng/ml



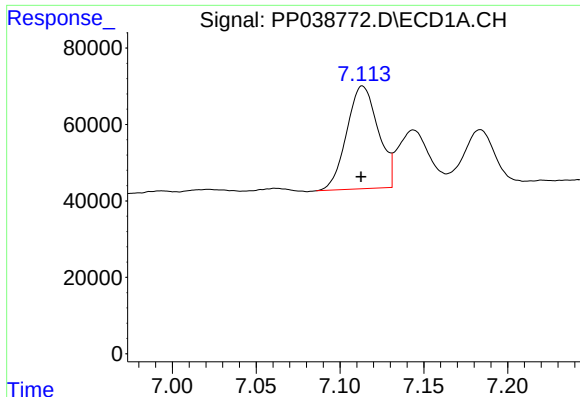
#25 AR-1248-5

R.T.: 7.184 min
Delta R.T.: 0.000 min
Response: 179145
Conc: 146.52 ng/ml



#25 AR-1248-5

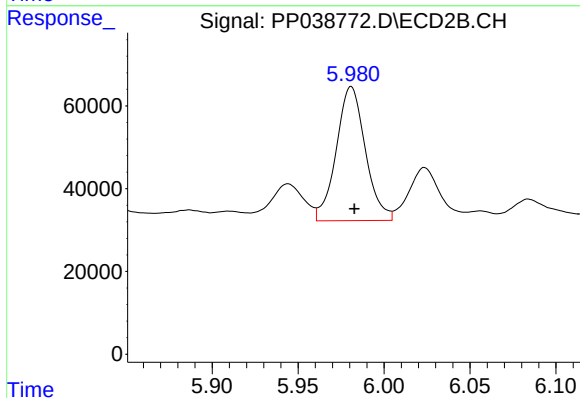
R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 162604
Conc: 180.09 ng/ml



#26 AR-1254-1

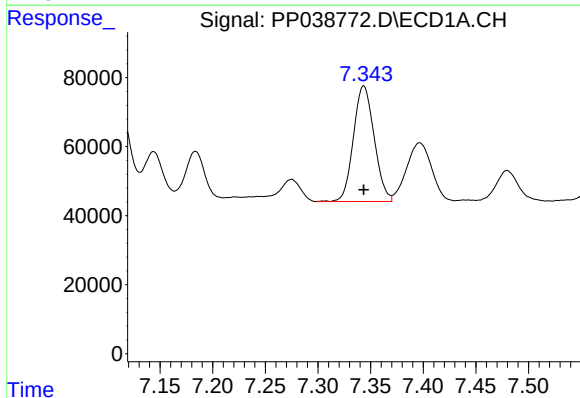
R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 350730
Conc: 307.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



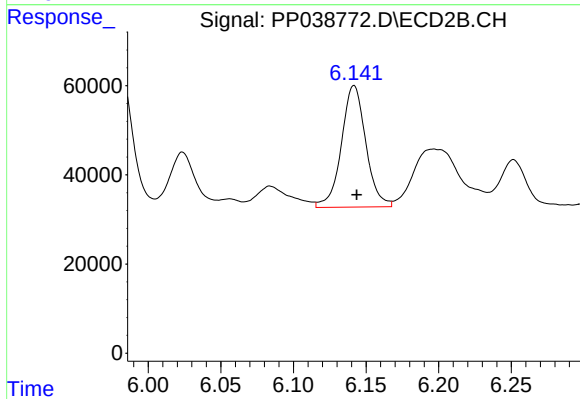
#26 AR-1254-1

R.T.: 5.981 min
Delta R.T.: -0.002 min
Response: 381775
Conc: 290.70 ng/ml



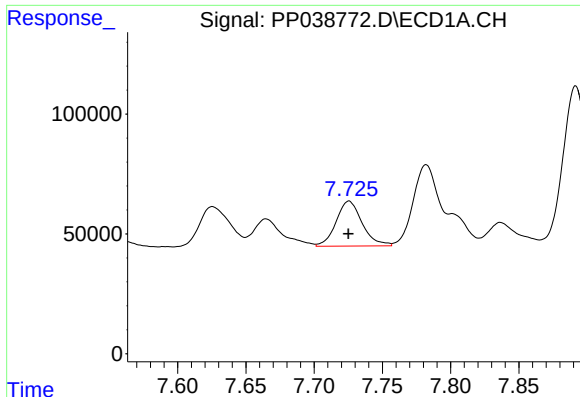
#27 AR-1254-2

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 459312
Conc: 265.98 ng/ml



#27 AR-1254-2

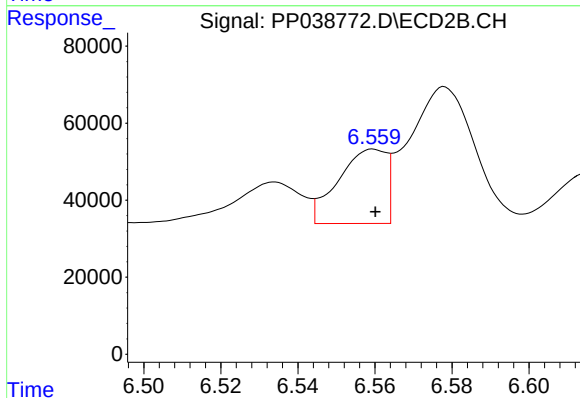
R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 319223
Conc: 278.12 ng/ml



#28 AR-1254-3

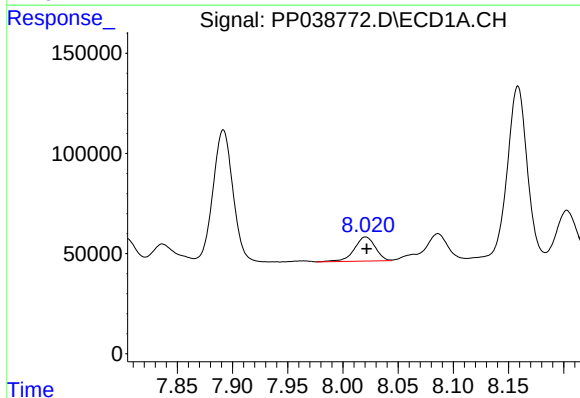
R.T.: 7.726 min
Delta R.T.: 0.000 min
Response: 249314
Conc: 138.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



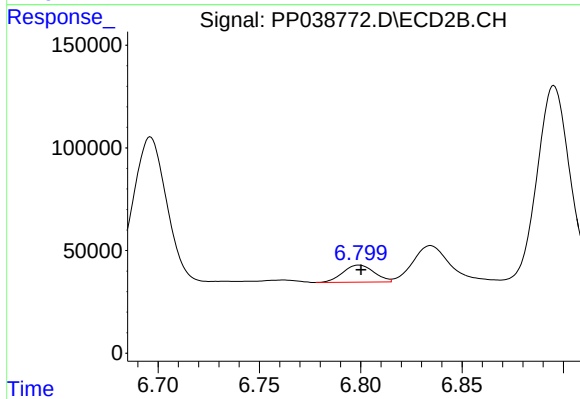
#28 AR-1254-3

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 167260
Conc: 89.89 ng/ml



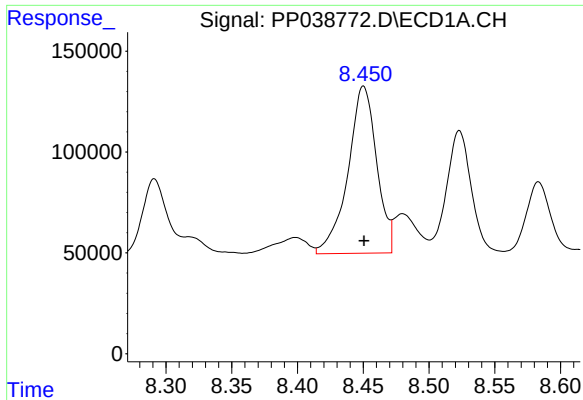
#29 AR-1254-4

R.T.: 8.021 min
Delta R.T.: -0.001 min
Response: 159264
Conc: 123.43 ng/ml



#29 AR-1254-4

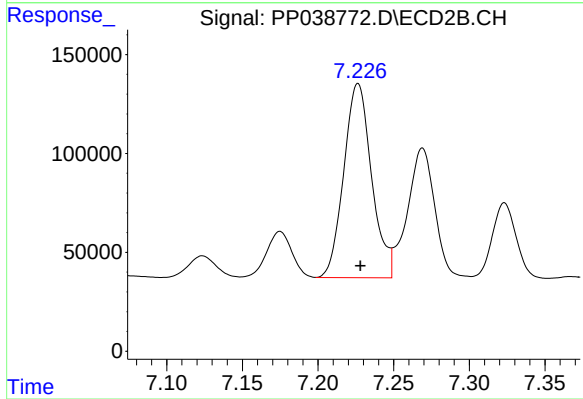
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 89425
Conc: 76.52 ng/ml



#30 AR-1254-5

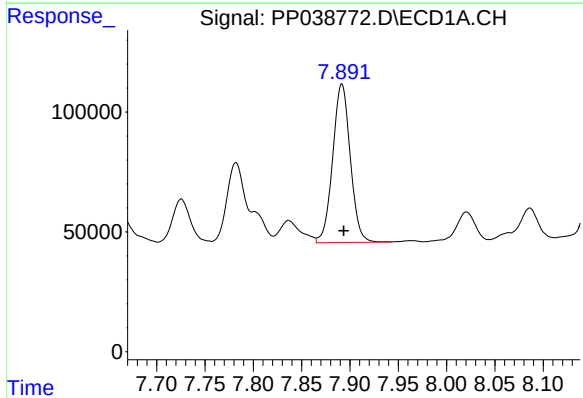
R.T.: 8.450 min
Delta R.T.: 0.000 min
Response: 1255897
Conc: 1015.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



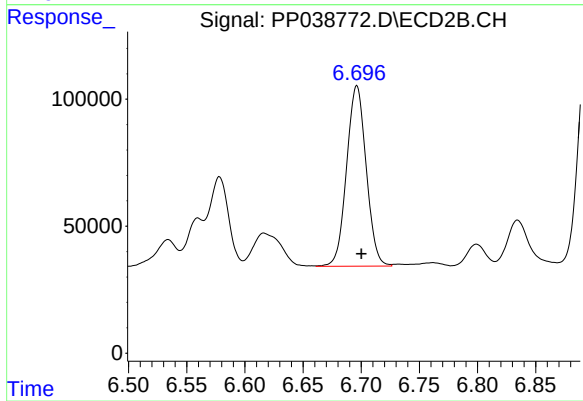
#30 AR-1254-5

R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 1256315
Conc: 777.27 ng/ml



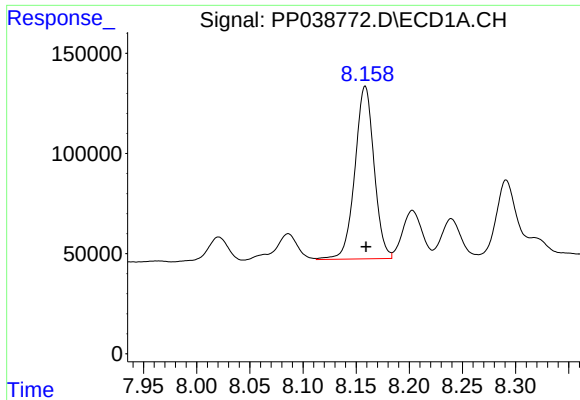
#31 AR-1260-1

R.T.: 7.892 min
Delta R.T.: -0.002 min
Response: 839129
Conc: 701.14 ng/ml



#31 AR-1260-1

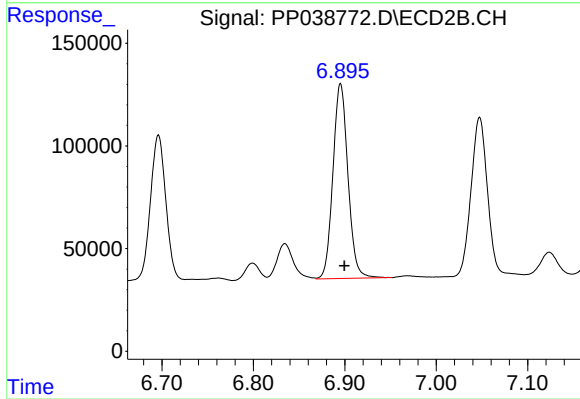
R.T.: 6.696 min
Delta R.T.: -0.004 min
Response: 833764
Conc: 712.50 ng/ml



#32 AR-1260-2

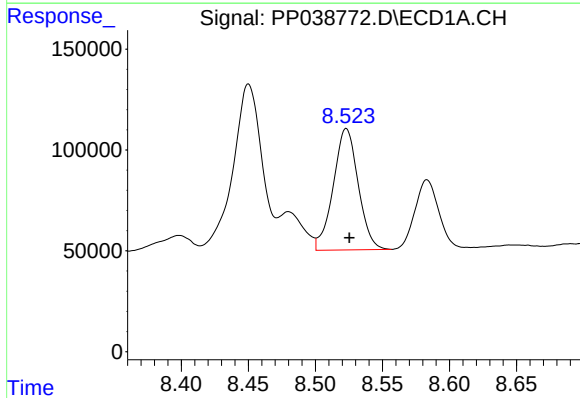
R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 1083603
Conc: 738.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



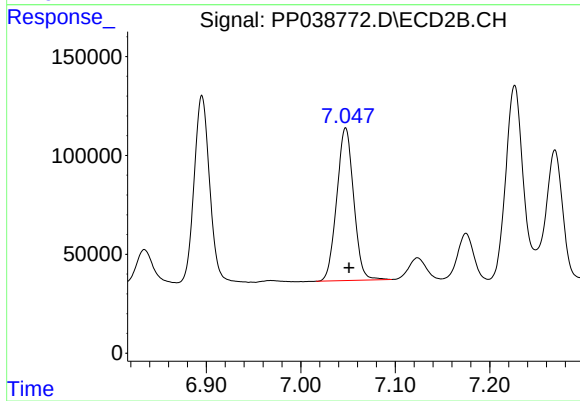
#32 AR-1260-2

R.T.: 6.895 min
Delta R.T.: -0.004 min
Response: 1084292
Conc: 761.73 ng/ml



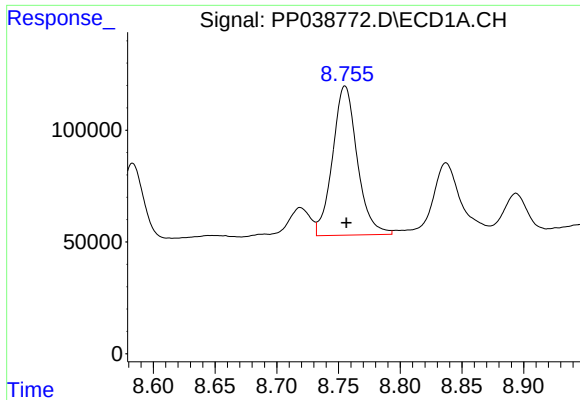
#33 AR-1260-3

R.T.: 8.523 min
Delta R.T.: -0.002 min
Response: 776988
Conc: 809.79 ng/ml



#33 AR-1260-3

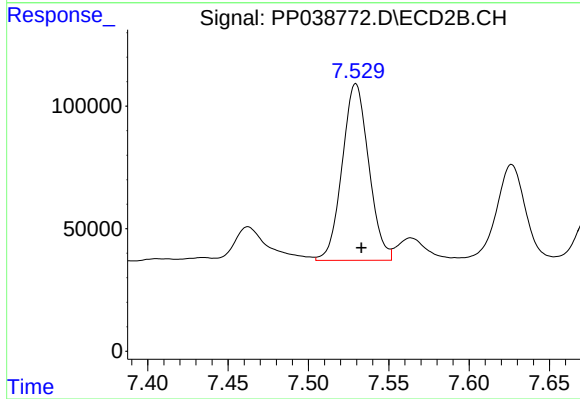
R.T.: 7.047 min
Delta R.T.: -0.004 min
Response: 959785
Conc: 667.37 ng/ml



#34 AR-1260-4

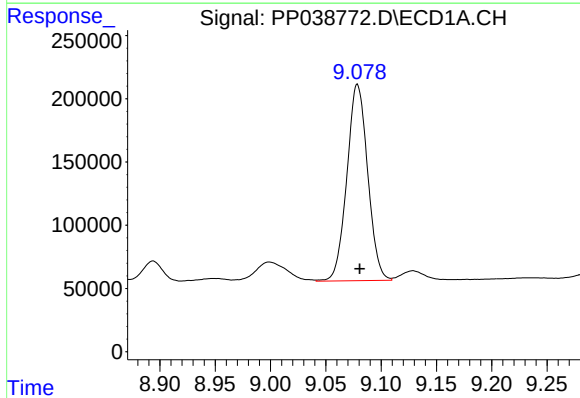
R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 928404
Conc: 816.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



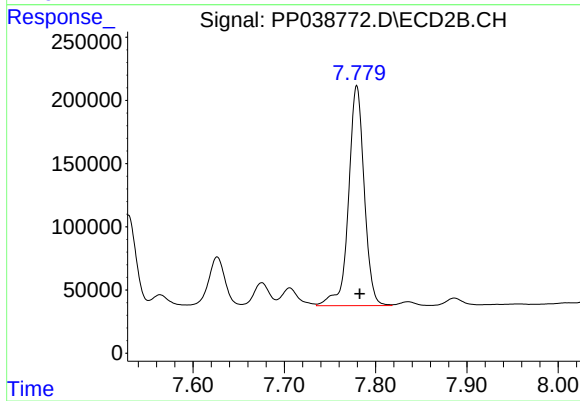
#34 AR-1260-4

R.T.: 7.529 min
Delta R.T.: -0.003 min
Response: 829153
Conc: 738.30 ng/ml



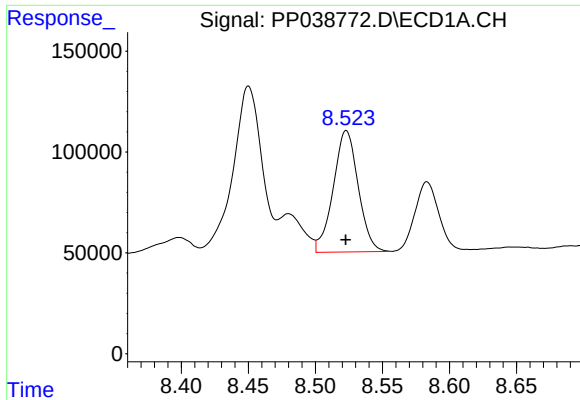
#35 AR-1260-5

R.T.: 9.079 min
Delta R.T.: -0.002 min
Response: 2035490
Conc: 907.08 ng/ml



#35 AR-1260-5

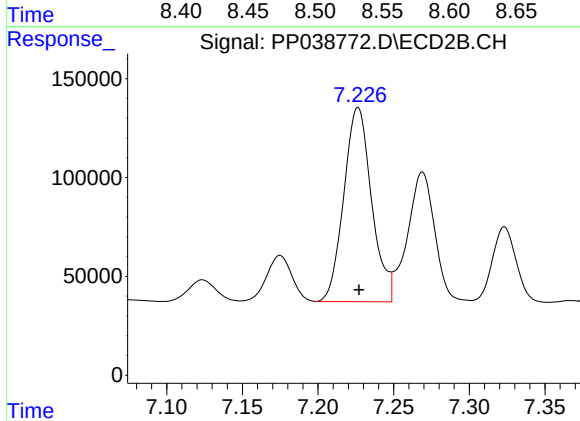
R.T.: 7.779 min
Delta R.T.: -0.003 min
Response: 2078476
Conc: 767.34 ng/ml



#36 AR-1262-1

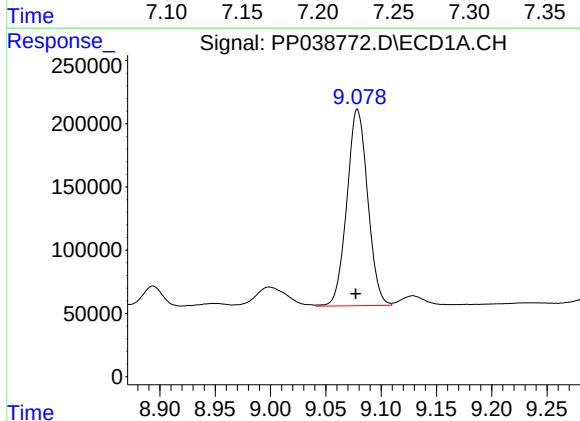
R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 776988
Conc: 522.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



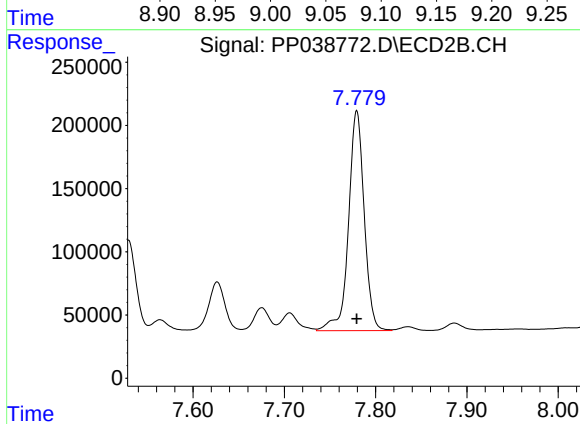
#36 AR-1262-1

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 1256315
Conc: 1389.92 ng/ml



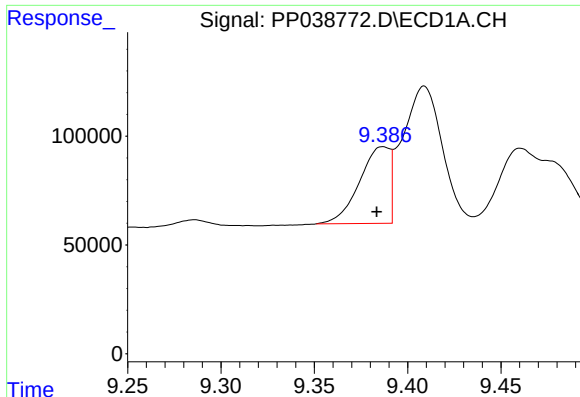
#37 AR-1262-2

R.T.: 9.079 min
Delta R.T.: 0.002 min
Response: 2035490
Conc: 764.53 ng/ml



#37 AR-1262-2

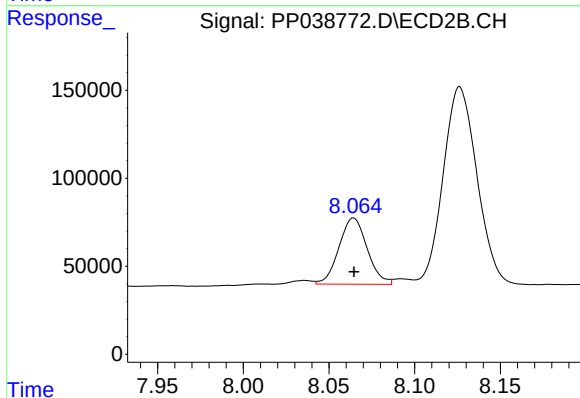
R.T.: 7.779 min
Delta R.T.: 0.000 min
Response: 2078476
Conc: 672.74 ng/ml



#38 AR-1262-3

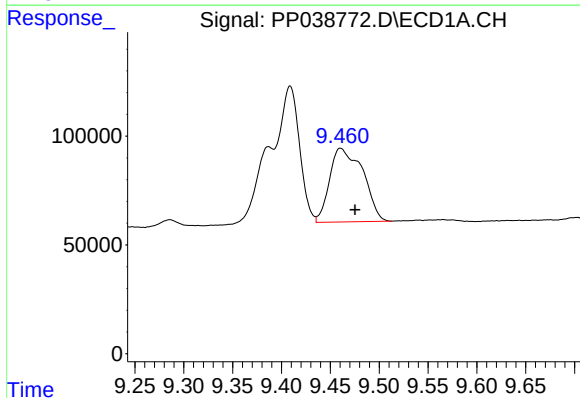
R.T.: 9.387 min
Delta R.T.: 0.003 min
Response: 399017
Conc: 334.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



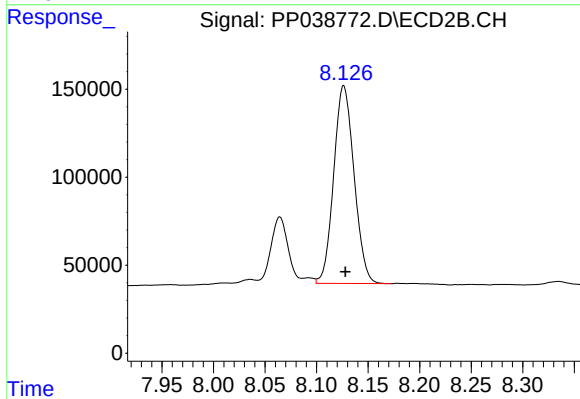
#38 AR-1262-3

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 432003
Conc: 343.85 ng/ml



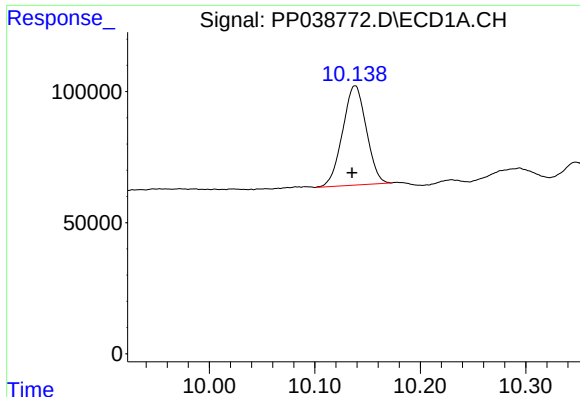
#39 AR-1262-4

R.T.: 9.460 min
Delta R.T.: -0.015 min
Response: 802815
Conc: 996.50 ng/ml



#39 AR-1262-4

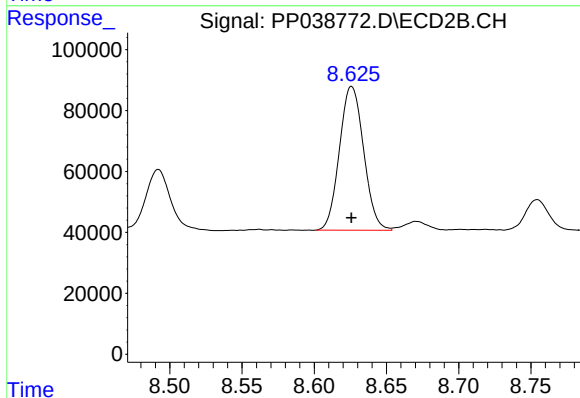
R.T.: 8.126 min
Delta R.T.: -0.002 min
Response: 1545166
Conc: 653.79 ng/ml



#40 AR-1262-5

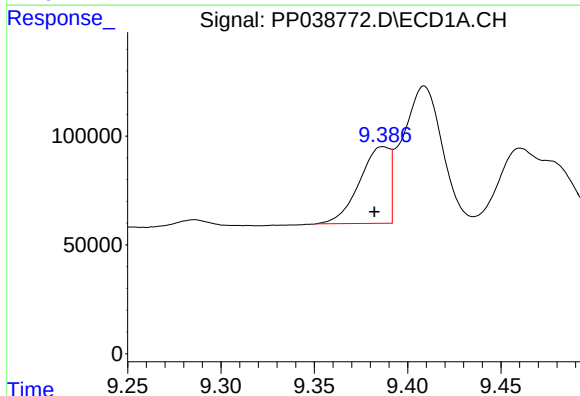
R.T.: 10.138 min
Delta R.T.: 0.003 min
Response: 591410
Conc: 554.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



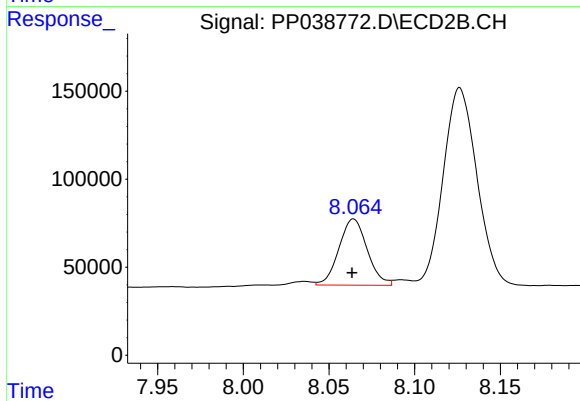
#40 AR-1262-5

R.T.: 8.626 min
Delta R.T.: 0.000 min
Response: 551094
Conc: 484.69 ng/ml



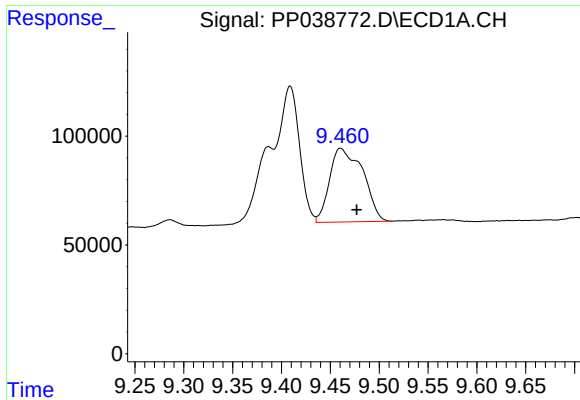
#41 AR-1268-1

R.T.: 9.387 min
Delta R.T.: 0.005 min
Response: 399017
Conc: 124.40 ng/ml



#41 AR-1268-1

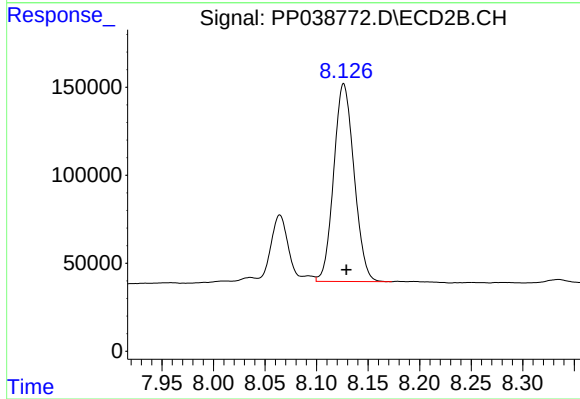
R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 432003
Conc: 118.31 ng/ml



#42 AR-1268-2

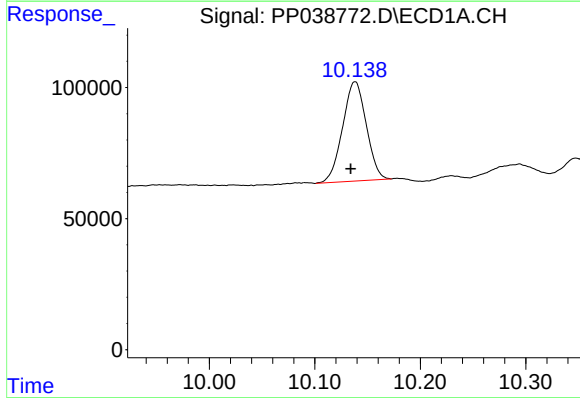
R.T.: 9.460 min
Delta R.T.: -0.017 min
Response: 802815
Conc: 260.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



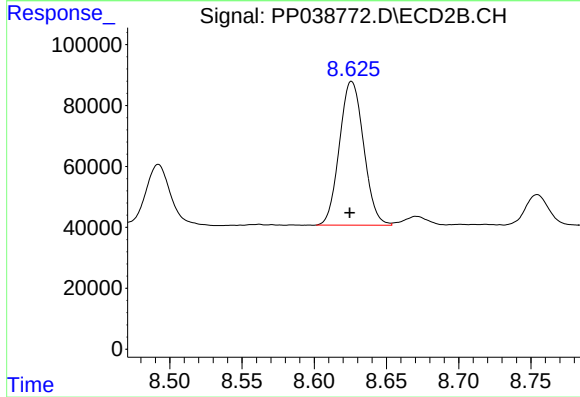
#42 AR-1268-2

R.T.: 8.126 min
Delta R.T.: -0.003 min
Response: 1545166
Conc: 447.90 ng/ml



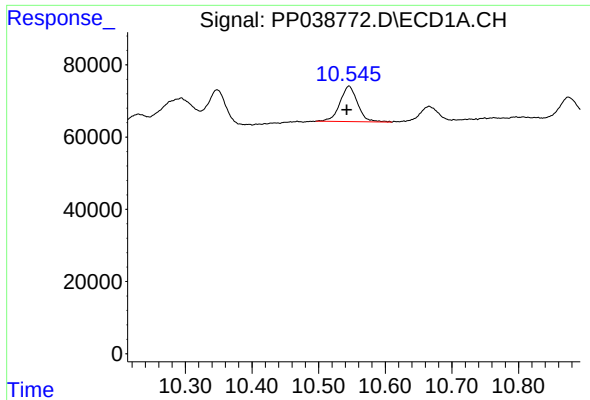
#44 AR-1268-4

R.T.: 10.138 min
Delta R.T.: 0.004 min
Response: 591410
Conc: 485.46 ng/ml



#44 AR-1268-4

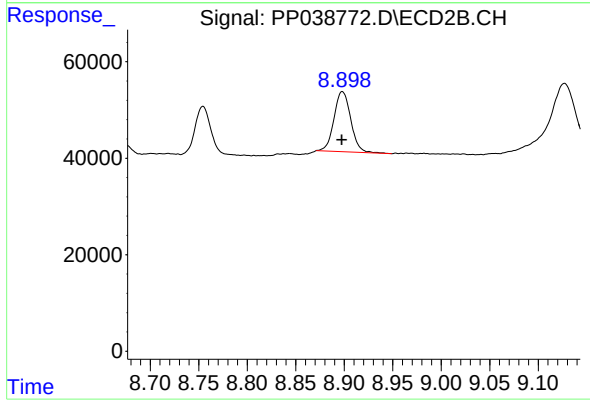
R.T.: 8.626 min
Delta R.T.: 0.001 min
Response: 551094
Conc: 435.74 ng/ml



#45 AR-1268-5

R.T.: 10.546 min
Delta R.T.: 0.003 min
Response: 180061
Conc: 18.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.898 min
Delta R.T.: 0.000 min
Response: 150224
Conc: 15.46 ng/ml