

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012621\
 Data File : PP032971.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Jan 2021 17:29
 Operator : DD\AJ
 Sample : M1190-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 00:42:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 14 08:12:55 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...	4.737	4.009	1227452	956213	21.134	20.328
2)	SA Decachlor...	10.579	9.296	934671	819271	23.691	21.869
Target Compounds							
3)	L1 AR-1016-1	6.038	5.259	624693	495034	384.525	364.448
4)	L1 AR-1016-2	6.062	5.279	941034	733890	380.832	361.825
5)	L1 AR-1016-3	6.127	5.470	576871	369360	388.322	338.049
6)	L1 AR-1016-4	6.233	5.521	395654	490392	317.886	605.777 #
7)	L1 AR-1016-5	6.547	5.748	435553	630555	383.793	585.231 #
8)	L2 AR-1221-1	4.979	4.261	87284	57425	142.740	119.488
9)	L2 AR-1221-2	5.080	4.362	104466	83914	230.364	229.664
10)	L2 AR-1221-3	5.165	4.449	372196	295195	269.515	256.668
11)	L3 AR-1232-1	5.165	4.449	372196	295195	333.809	320.180
12)	L3 AR-1232-2	5.746	5.279	470315	733890	839.368	854.306
13)	L3 AR-1232-3	6.062	5.470	941034	369360	884.973	817.134
14)	L3 AR-1232-4	6.233	5.566	395654	449973	735.580	1183.226 #
15)	L3 AR-1232-5	6.333	5.748	300759	630555	886.222	1475.687 #
16)	L4 AR-1242-1	6.038	5.259	624693	495034	507.062	491.435
17)	L4 AR-1242-2	6.062	5.279	941034	733890	495.776	487.319
18)	L4 AR-1242-3	6.127	5.470	576871	369360	502.978	447.741
19)	L4 AR-1242-4	6.233	5.566	395654	449973	408.626	577.964 #
20)	L4 AR-1242-5	7.013	6.128	1598216	2839795	1671.384	2963.381 #
21)	L5 AR-1248-1	6.038	5.259	624693	495034	675.183	640.507
22)	L5 AR-1248-2	6.333	5.521	300759	490392	246.757	459.049 #
23)	L5 AR-1248-3	6.547	5.566	435553	449973	290.983	393.827 #
24)	L5 AR-1248-4	6.984	5.748	2155833	630555	1329.146	459.181 #
25)	L5 AR-1248-5	7.013	0.000	1598216	0	999.501	N.D. #
26)	L6 AR-1254-1	6.951	6.128	1480966	2839795	891.688	1387.084 #
27)	L6 AR-1254-2	7.170	6.290	2101928	820307	835.768	467.082 #
28)	L6 AR-1254-3	7.552	6.729f	414618	542241	153.886	188.806
29)	L6 AR-1254-4	7.846	6.953	126054	105663	63.993	63.809
30)	L6 AR-1254-5	8.274	7.380	1279960	1068852	613.759	441.880 #
31)	L7 AR-1260-1	7.721	6.847	815851	834025	427.962	437.210
32)	L7 AR-1260-2	7.986	7.047	1093012	891333	452.559	391.131
33)	L7 AR-1260-3	8.352	7.199	772334	843069	383.177	385.540
34)	L7 AR-1260-4	8.579	7.682	829909	632144	402.781	345.942
35)	L7 AR-1260-5	8.893	7.932	1925131	1568033	424.980	364.517
36)	L8 AR-1262-1	8.352	7.475	772334	335413	260.411	298.474
37)	L8 AR-1262-2	8.893	7.932	1925131	1568033	380.027	339.918
38)	L8 AR-1262-3	0.000	8.215	0	282505	N.D.	147.540 #
39)	L8 AR-1262-4	0.000	8.278	0	1174114	N.D.	331.721 #
40)	L8 AR-1262-5	9.891	8.776	474134	375578	261.323	237.426
41)	L9 AR-1268-1	0.000	8.215	0	282505	N.D.	50.102 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012621\
 Data File : PP032971.D
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 Acq On : 26 Jan 2021 17:29
 Operator : DD\AJ
 Sample : M1190-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

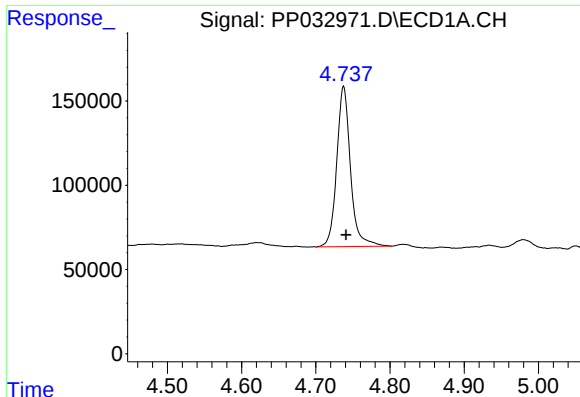
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 00:42:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011421.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
42) L9	AR-1268-2	0.000	8.278	0	1174114	N.D.	216.582 #
43) L9	AR-1268-3	9.487	0.000	52330	0	9.776	N.D. #
44) L9	AR-1268-4	9.891	8.776	474134	375578	231.190	207.654
45) L9	AR-1268-5	10.273	9.056	162658	133545	10.760	9.224

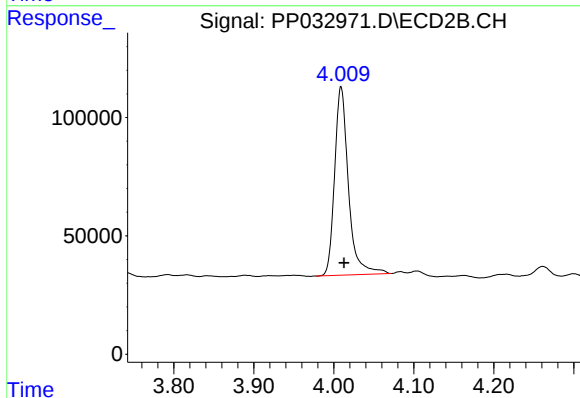
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

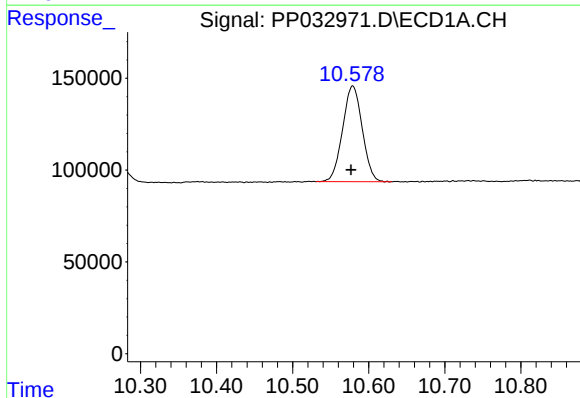
R.T.: 4.737 min
Delta R.T.: -0.004 min
Response: 1227452
Conc: 21.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



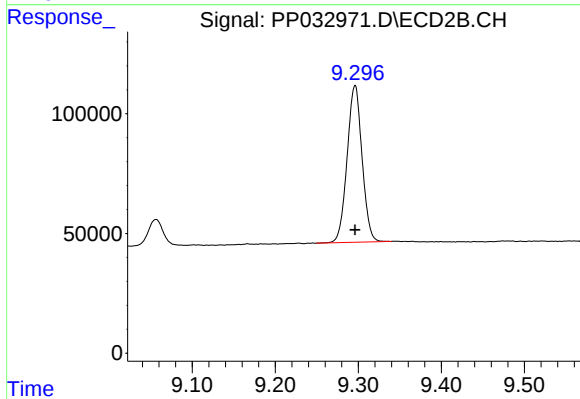
#1 Tetrachloro-m-xylene

R.T.: 4.009 min
Delta R.T.: -0.004 min
Response: 956213
Conc: 20.33 ng/ml



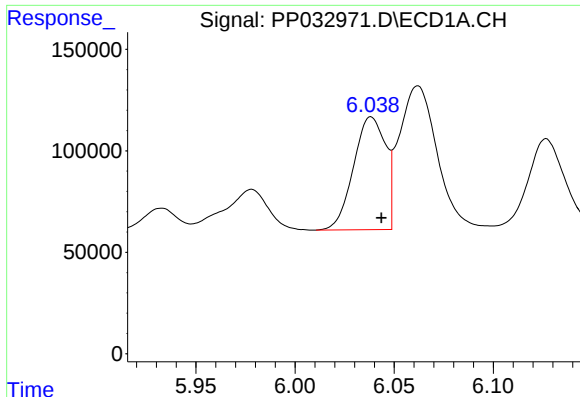
#2 Decachlorobiphenyl

R.T.: 10.579 min
Delta R.T.: 0.002 min
Response: 934671
Conc: 23.69 ng/ml



#2 Decachlorobiphenyl

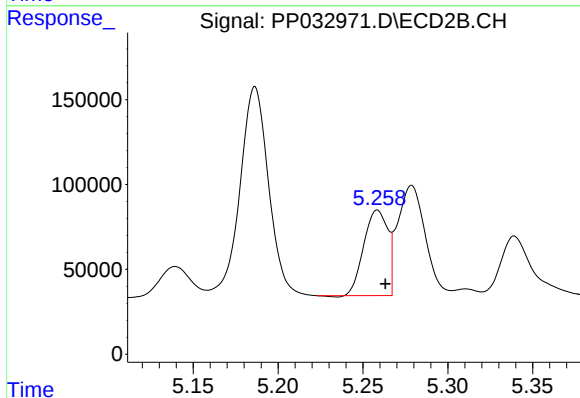
R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 819271
Conc: 21.87 ng/ml



#3 AR-1016-1

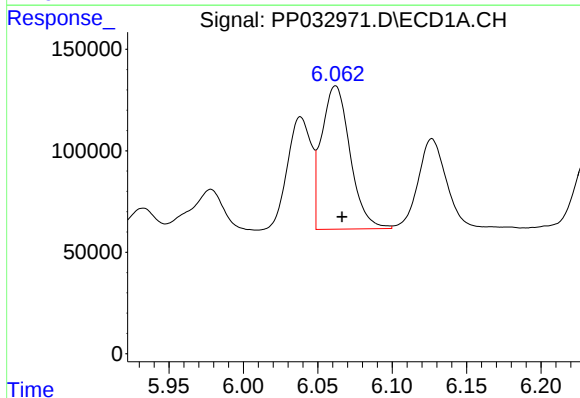
R.T.: 6.038 min
Delta R.T.: -0.005 min
Response: 624693
Conc: 384.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



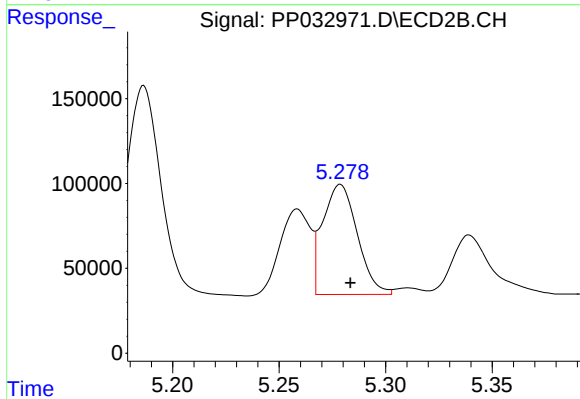
#3 AR-1016-1

R.T.: 5.259 min
Delta R.T.: -0.005 min
Response: 495034
Conc: 364.45 ng/ml



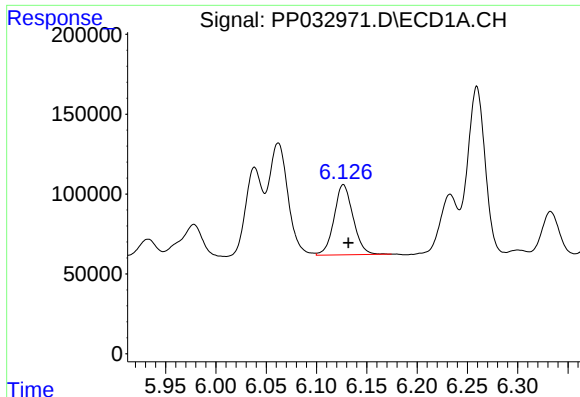
#4 AR-1016-2

R.T.: 6.062 min
Delta R.T.: -0.004 min
Response: 941034
Conc: 380.83 ng/ml



#4 AR-1016-2

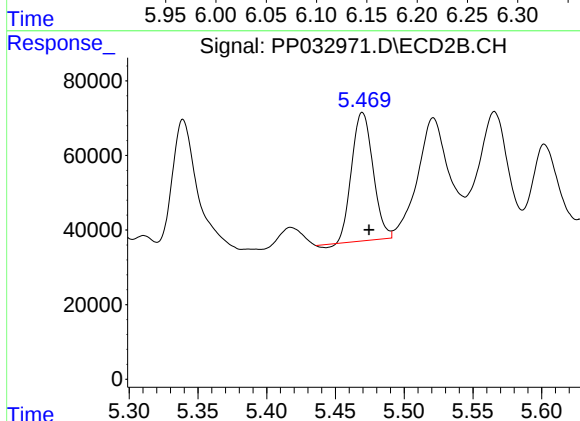
R.T.: 5.279 min
Delta R.T.: -0.005 min
Response: 733890
Conc: 361.82 ng/ml



#5 AR-1016-3

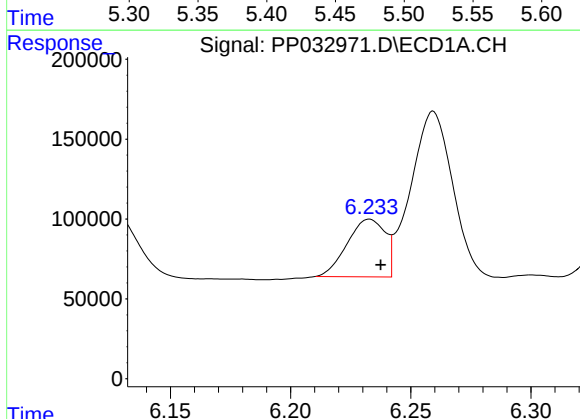
R.T.: 6.127 min
Delta R.T.: -0.005 min
Response: 576871
Conc: 388.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



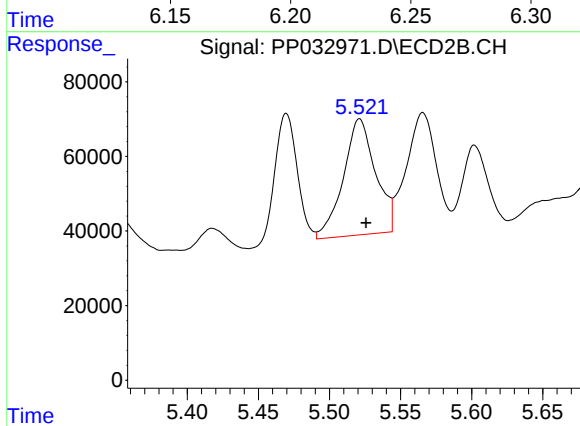
#5 AR-1016-3

R.T.: 5.470 min
Delta R.T.: -0.005 min
Response: 369360
Conc: 338.05 ng/ml



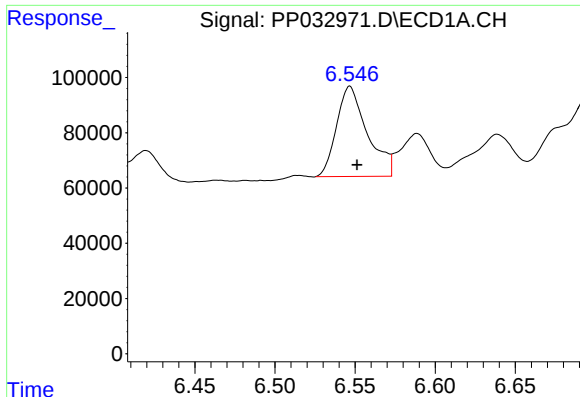
#6 AR-1016-4

R.T.: 6.233 min
Delta R.T.: -0.005 min
Response: 395654
Conc: 317.89 ng/ml



#6 AR-1016-4

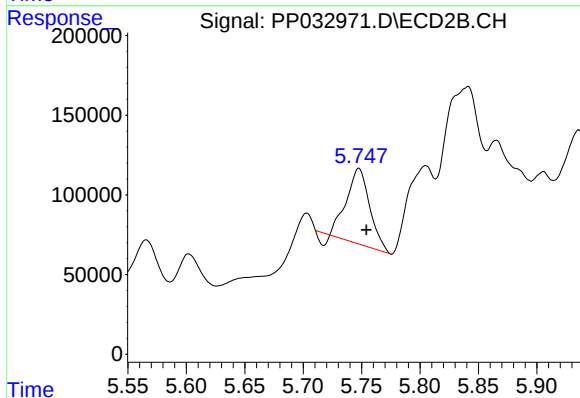
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 490392
Conc: 605.78 ng/ml



#7 AR-1016-5

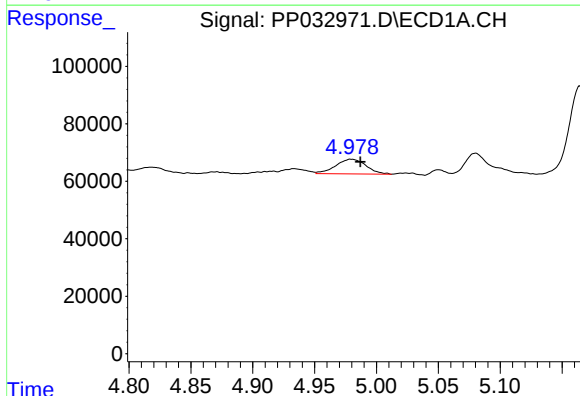
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 435553
Conc: 383.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



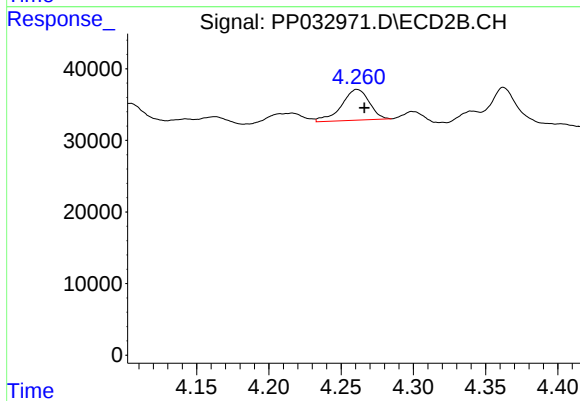
#7 AR-1016-5

R.T.: 5.748 min
Delta R.T.: -0.007 min
Response: 630555
Conc: 585.23 ng/ml



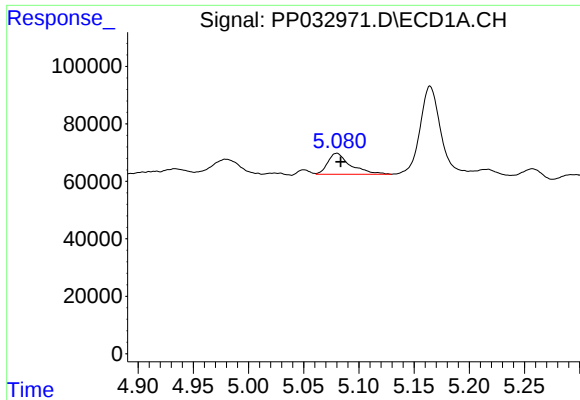
#8 AR-1221-1

R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 87284
Conc: 142.74 ng/ml



#8 AR-1221-1

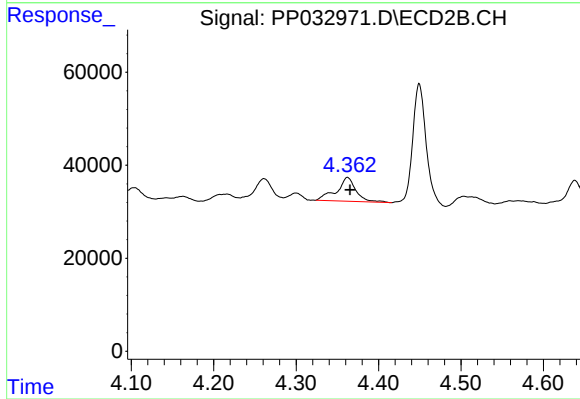
R.T.: 4.261 min
Delta R.T.: -0.005 min
Response: 57425
Conc: 119.49 ng/ml



#9 AR-1221-2

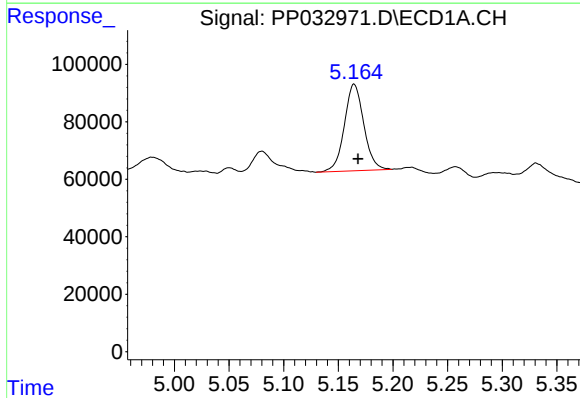
R.T.: 5.080 min
Delta R.T.: -0.003 min
Response: 104466
Conc: 230.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



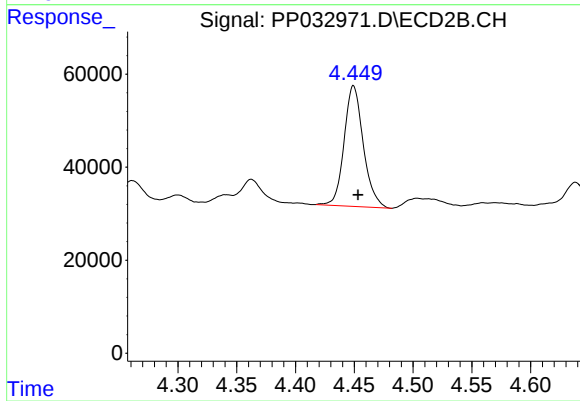
#9 AR-1221-2

R.T.: 4.362 min
Delta R.T.: -0.003 min
Response: 83914
Conc: 229.66 ng/ml



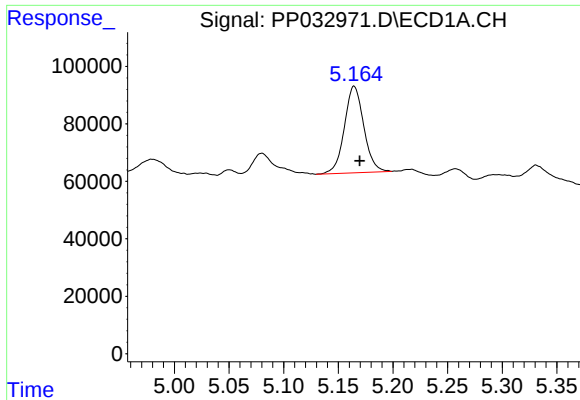
#10 AR-1221-3

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 372196
Conc: 269.52 ng/ml



#10 AR-1221-3

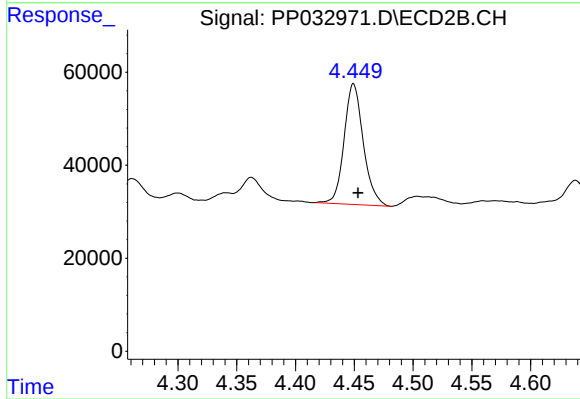
R.T.: 4.449 min
Delta R.T.: -0.004 min
Response: 295195
Conc: 256.67 ng/ml



#11 AR-1232-1

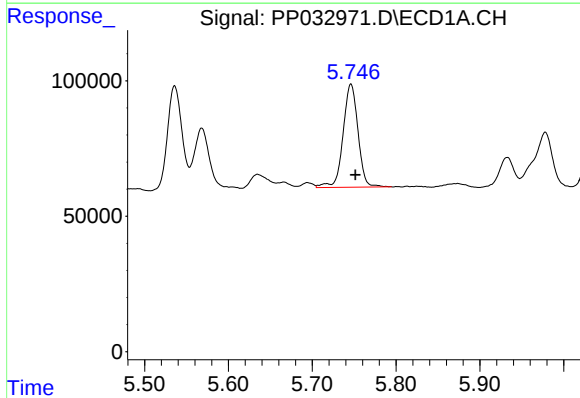
R.T.: 5.165 min
Delta R.T.: -0.005 min
Response: 372196
Conc: 333.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



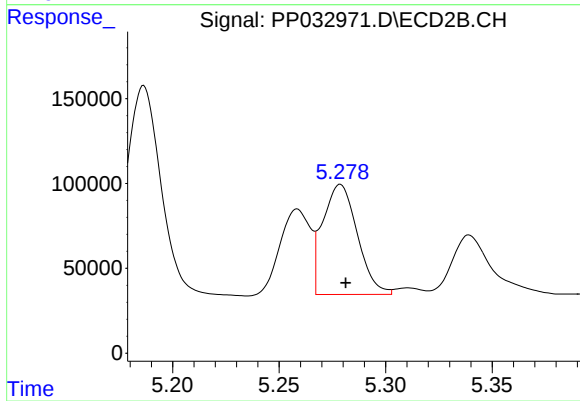
#11 AR-1232-1

R.T.: 4.449 min
Delta R.T.: -0.004 min
Response: 295195
Conc: 320.18 ng/ml



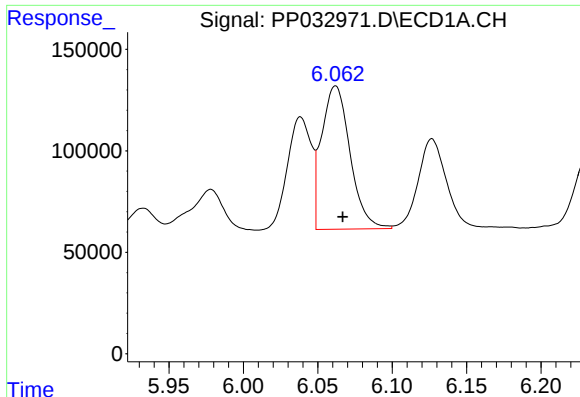
#12 AR-1232-2

R.T.: 5.746 min
Delta R.T.: -0.005 min
Response: 470315
Conc: 839.37 ng/ml



#12 AR-1232-2

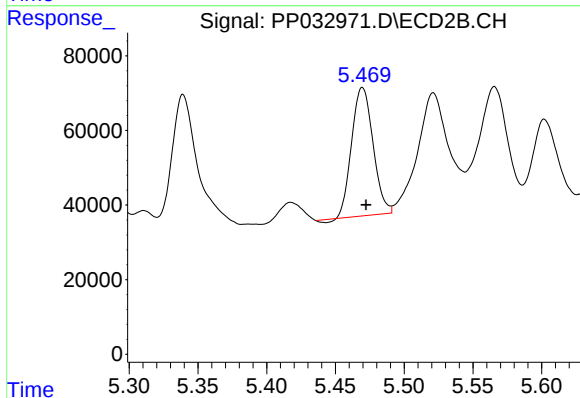
R.T.: 5.279 min
Delta R.T.: -0.002 min
Response: 733890
Conc: 854.31 ng/ml



#13 AR-1232-3

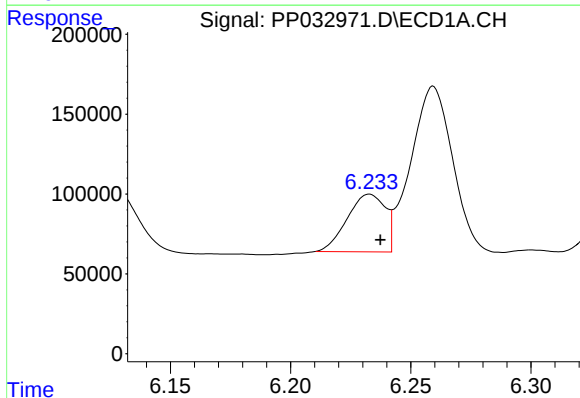
R.T.: 6.062 min
Delta R.T.: -0.005 min
Response: 941034
Conc: 884.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



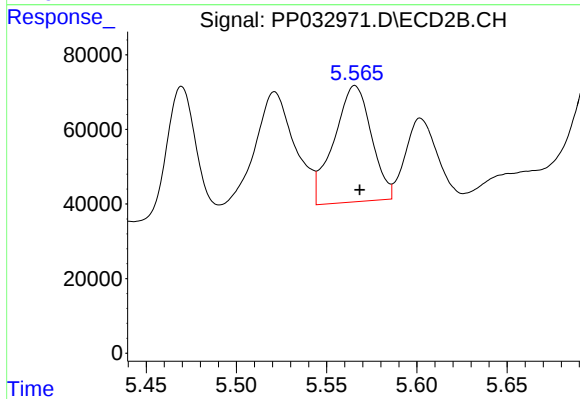
#13 AR-1232-3

R.T.: 5.470 min
Delta R.T.: -0.003 min
Response: 369360
Conc: 817.13 ng/ml



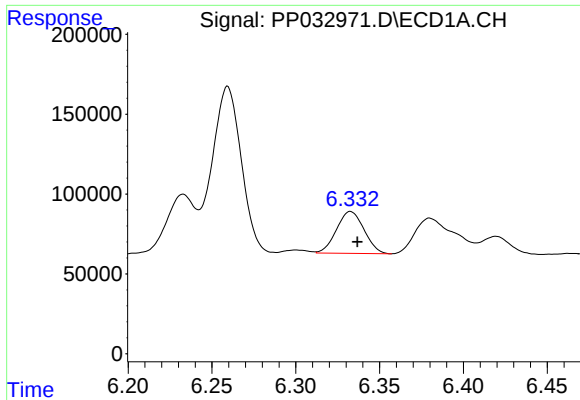
#14 AR-1232-4

R.T.: 6.233 min
Delta R.T.: -0.005 min
Response: 395654
Conc: 735.58 ng/ml



#14 AR-1232-4

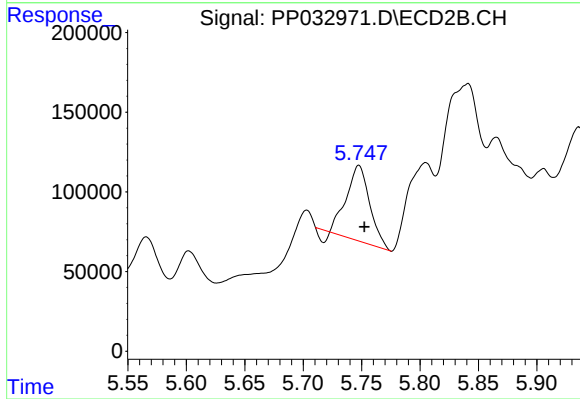
R.T.: 5.566 min
Delta R.T.: -0.003 min
Response: 449973
Conc: 1183.23 ng/ml



#15 AR-1232-5

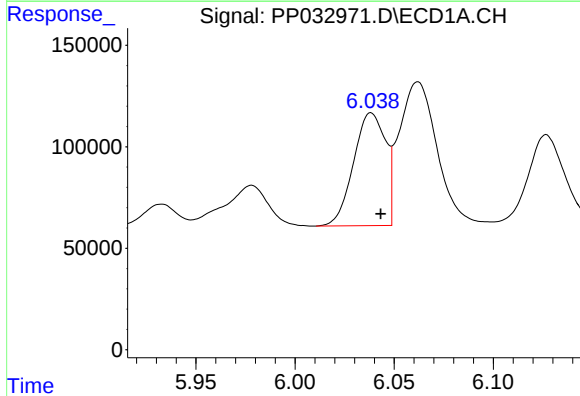
R.T.: 6.333 min
Delta R.T.: -0.004 min
Response: 300759
Conc: 886.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



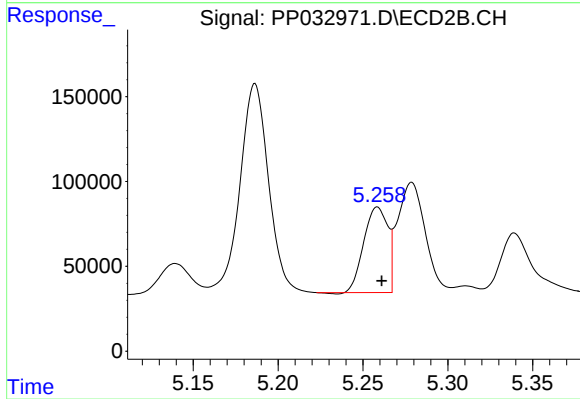
#15 AR-1232-5

R.T.: 5.748 min
Delta R.T.: -0.005 min
Response: 630555
Conc: 1475.69 ng/ml



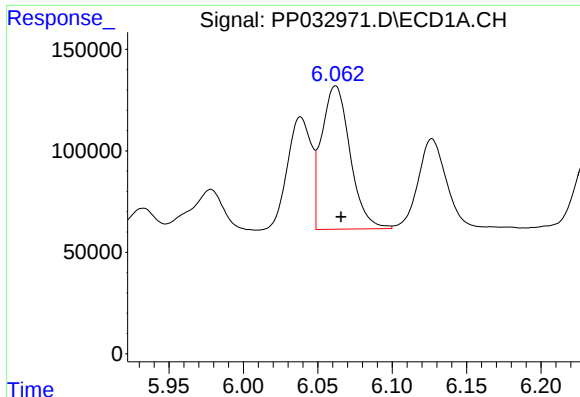
#16 AR-1242-1

R.T.: 6.038 min
Delta R.T.: -0.005 min
Response: 624693
Conc: 507.06 ng/ml



#16 AR-1242-1

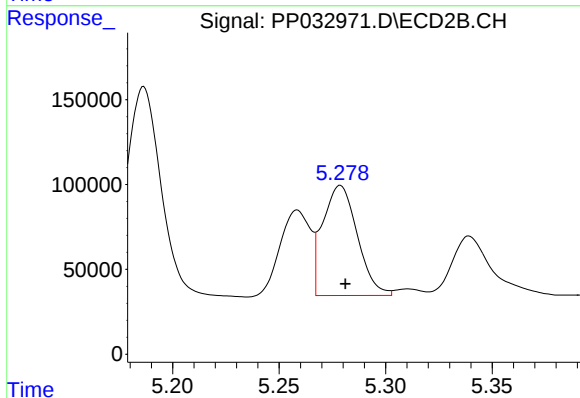
R.T.: 5.259 min
Delta R.T.: -0.003 min
Response: 495034
Conc: 491.43 ng/ml



#17 AR-1242-2

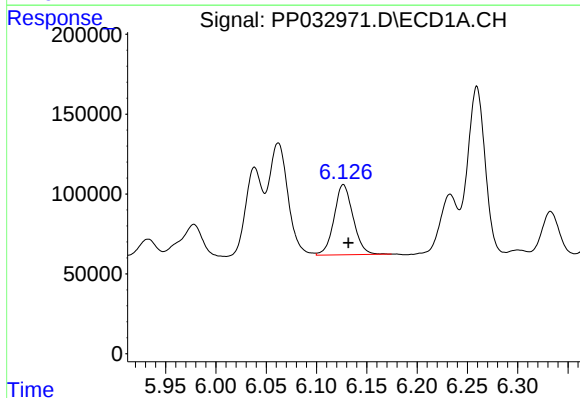
R.T.: 6.062 min
Delta R.T.: -0.004 min
Response: 941034
Conc: 495.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



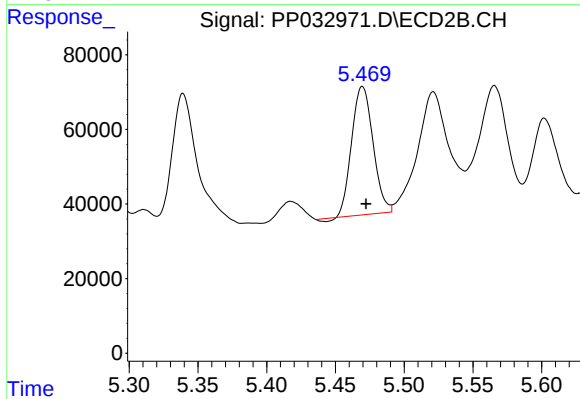
#17 AR-1242-2

R.T.: 5.279 min
Delta R.T.: -0.002 min
Response: 733890
Conc: 487.32 ng/ml



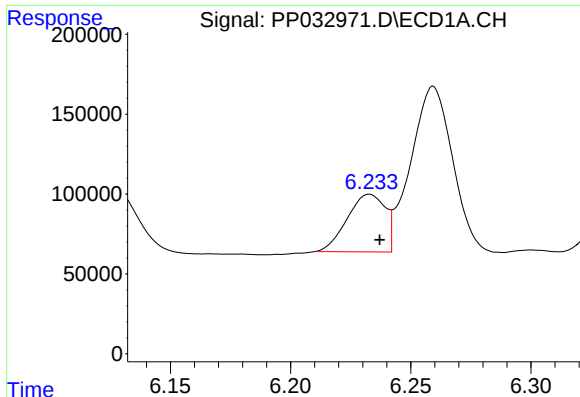
#18 AR-1242-3

R.T.: 6.127 min
Delta R.T.: -0.005 min
Response: 576871
Conc: 502.98 ng/ml



#18 AR-1242-3

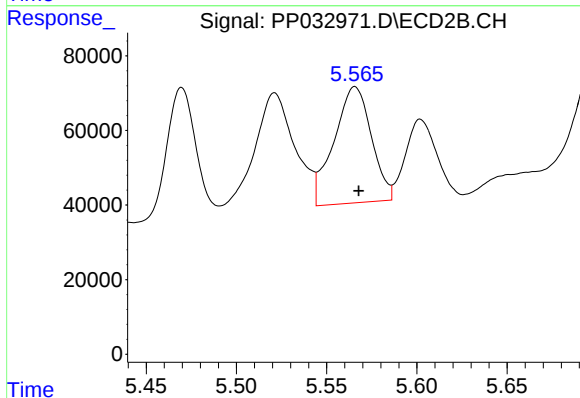
R.T.: 5.470 min
Delta R.T.: -0.003 min
Response: 369360
Conc: 447.74 ng/ml



#19 AR-1242-4

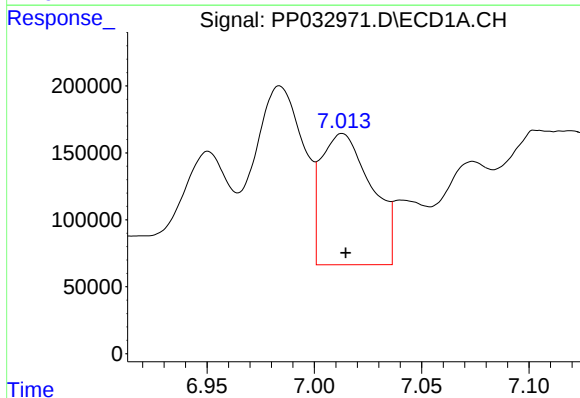
R.T.: 6.233 min
Delta R.T.: -0.004 min
Response: 395654
Conc: 408.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



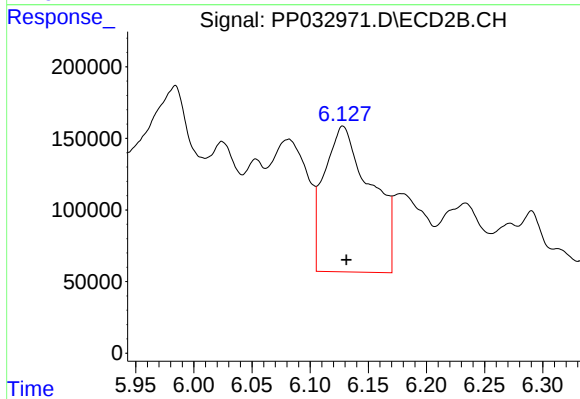
#19 AR-1242-4

R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 449973
Conc: 577.96 ng/ml



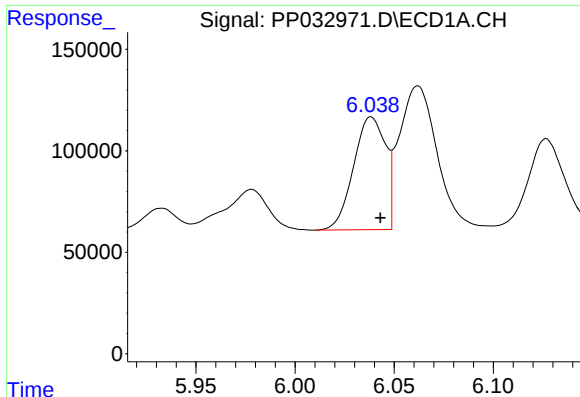
#20 AR-1242-5

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 1598216
Conc: 1671.38 ng/ml



#20 AR-1242-5

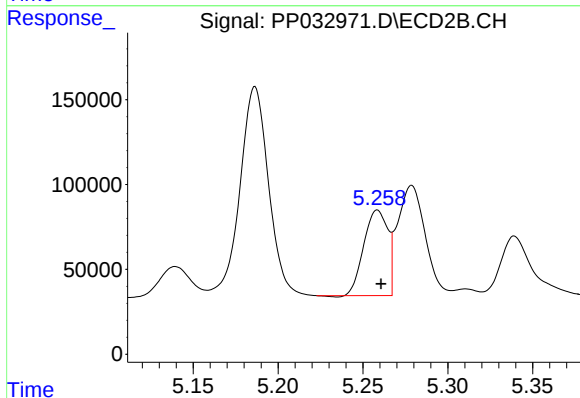
R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 2839795
Conc: 2963.38 ng/ml



#21 AR-1248-1

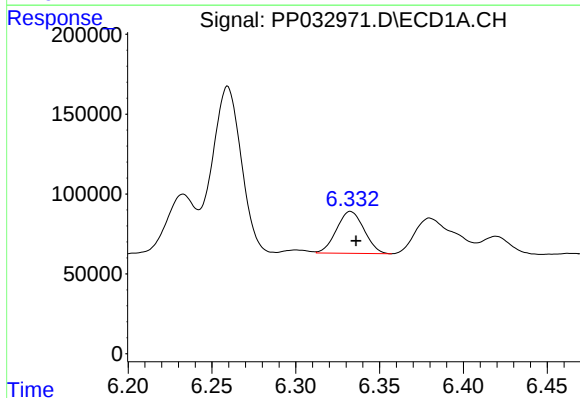
R.T.: 6.038 min
Delta R.T.: -0.005 min
Response: 624693
Conc: 675.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



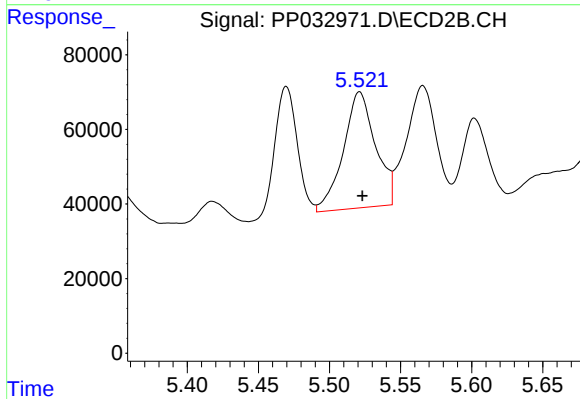
#21 AR-1248-1

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 495034
Conc: 640.51 ng/ml



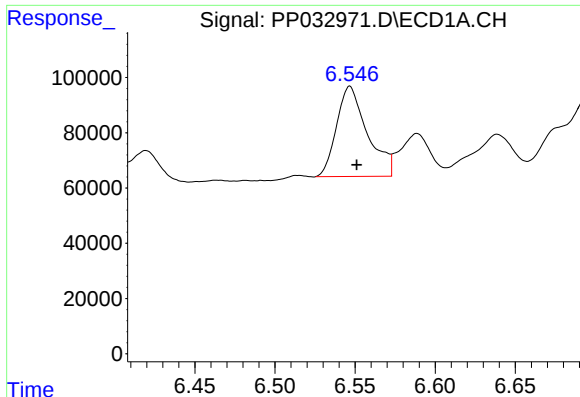
#22 AR-1248-2

R.T.: 6.333 min
Delta R.T.: -0.003 min
Response: 300759
Conc: 246.76 ng/ml



#22 AR-1248-2

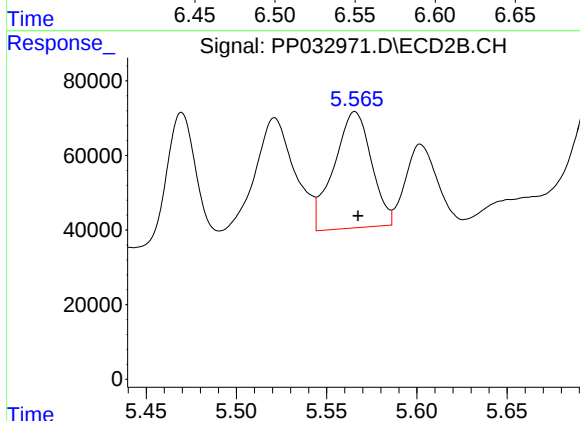
R.T.: 5.521 min
Delta R.T.: -0.002 min
Response: 490392
Conc: 459.05 ng/ml



#23 AR-1248-3

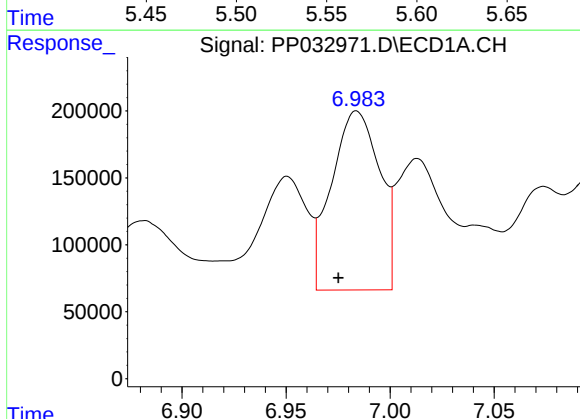
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 435553
Conc: 290.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



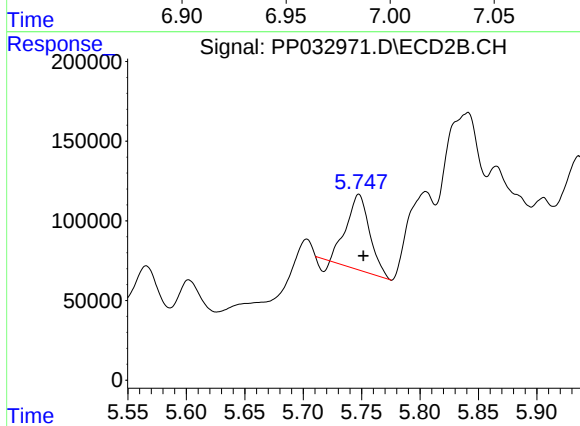
#23 AR-1248-3

R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 449973
Conc: 393.83 ng/ml



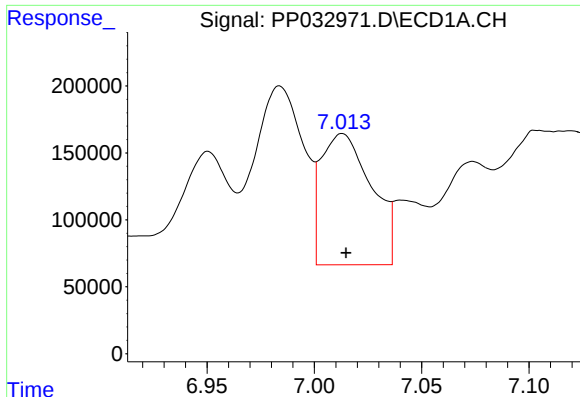
#24 AR-1248-4

R.T.: 6.984 min
Delta R.T.: 0.009 min
Response: 2155833
Conc: 1329.15 ng/ml



#24 AR-1248-4

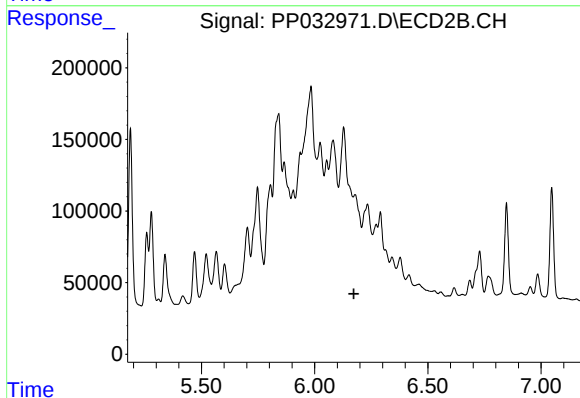
R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 630555
Conc: 459.18 ng/ml



#25 AR-1248-5

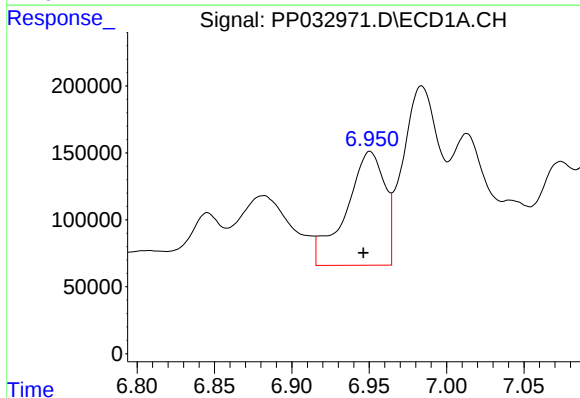
R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 1598216
Conc: 999.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



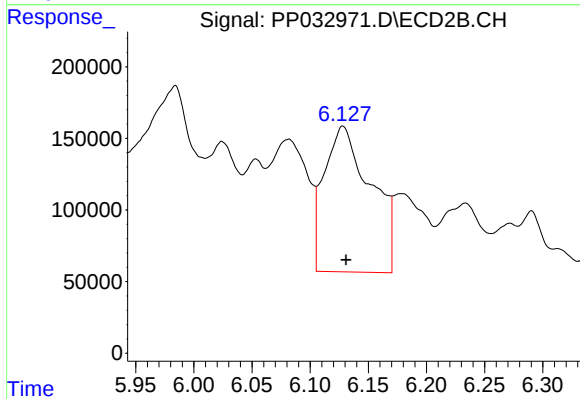
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.174 min
Response: 0
Conc: N.D.



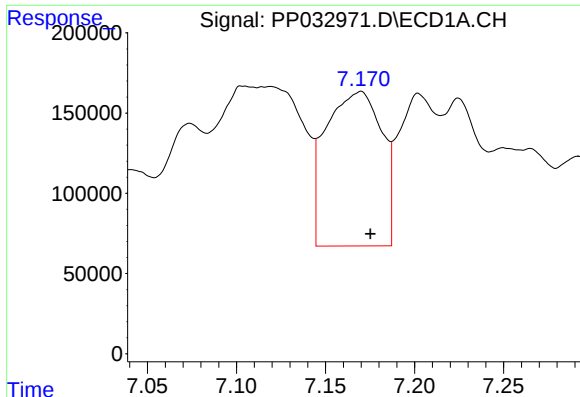
#26 AR-1254-1

R.T.: 6.951 min
Delta R.T.: 0.004 min
Response: 1480966
Conc: 891.69 ng/ml



#26 AR-1254-1

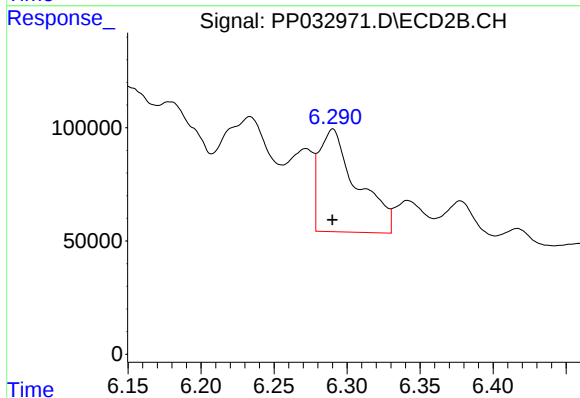
R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 2839795
Conc: 1387.08 ng/ml



#27 AR-1254-2

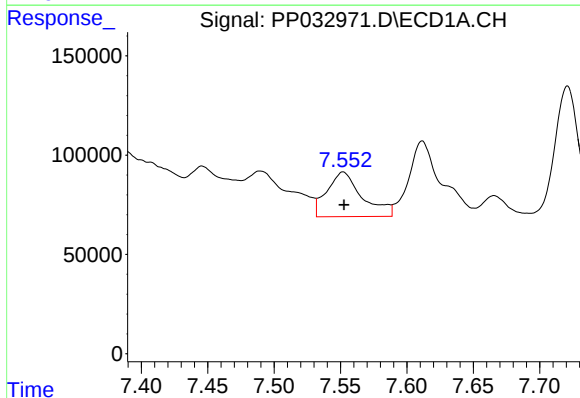
R.T.: 7.170 min
Delta R.T.: -0.005 min
Response: 2101928
Conc: 835.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



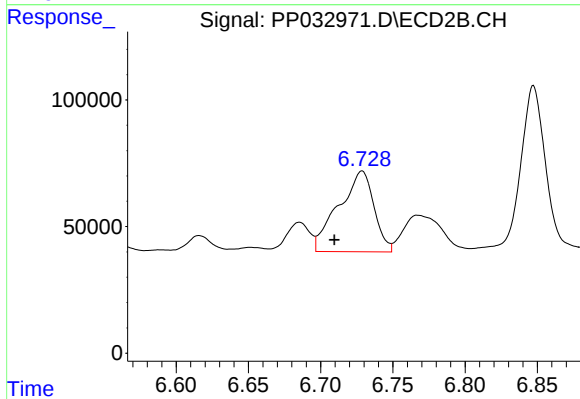
#27 AR-1254-2

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 820307
Conc: 467.08 ng/ml



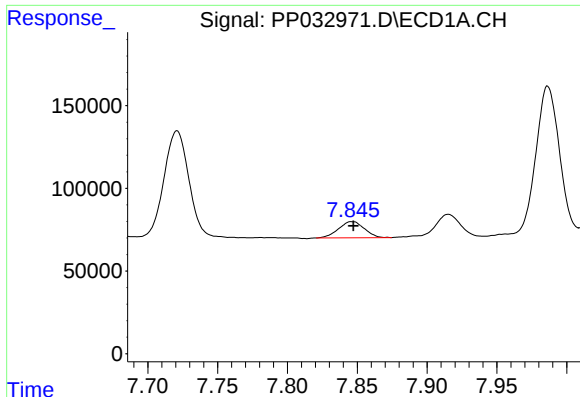
#28 AR-1254-3

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 414618
Conc: 153.89 ng/ml



#28 AR-1254-3

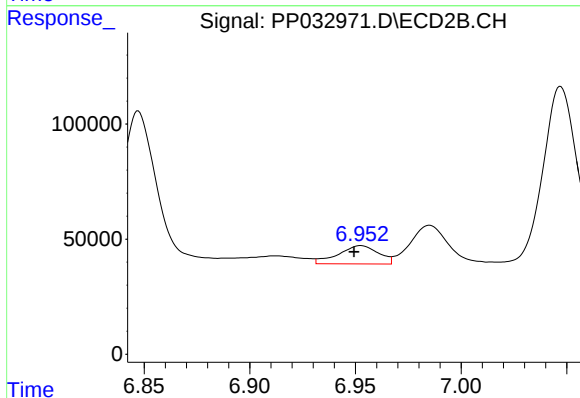
R.T.: 6.729 min
Delta R.T.: 0.019 min
Response: 542241
Conc: 188.81 ng/ml



#29 AR-1254-4

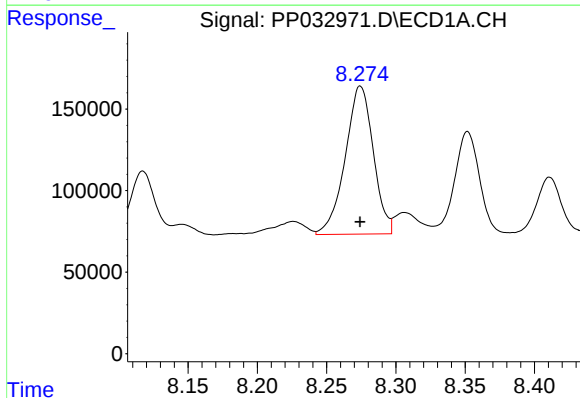
R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 126054
Conc: 63.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



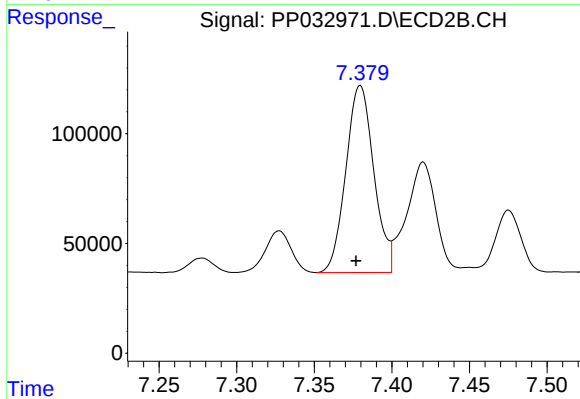
#29 AR-1254-4

R.T.: 6.953 min
Delta R.T.: 0.003 min
Response: 105663
Conc: 63.81 ng/ml



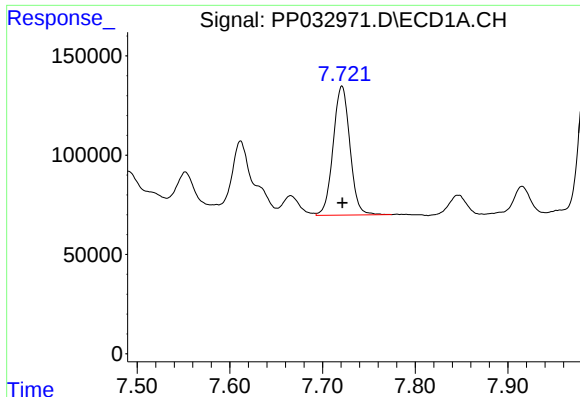
#30 AR-1254-5

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 1279960
Conc: 613.76 ng/ml



#30 AR-1254-5

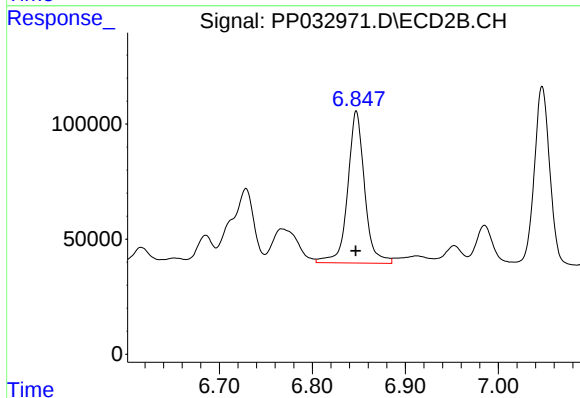
R.T.: 7.380 min
Delta R.T.: 0.003 min
Response: 1068852
Conc: 441.88 ng/ml



#31 AR-1260-1

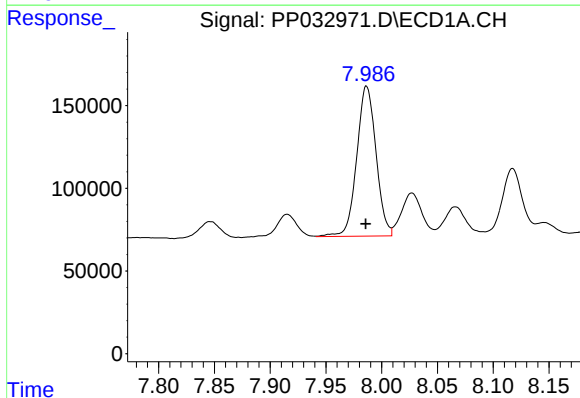
R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 815851
Conc: 427.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



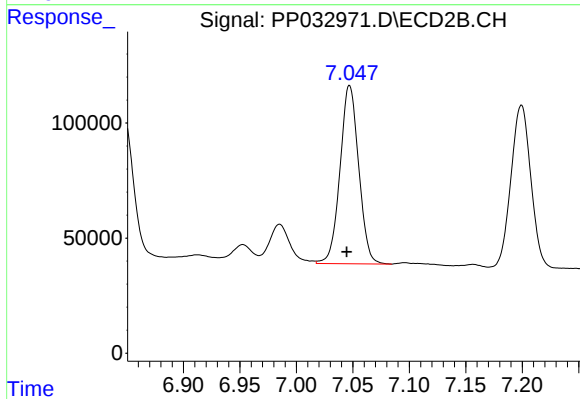
#31 AR-1260-1

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 834025
Conc: 437.21 ng/ml



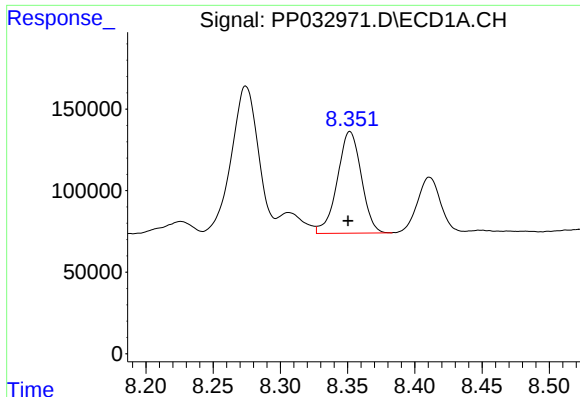
#32 AR-1260-2

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 1093012
Conc: 452.56 ng/ml



#32 AR-1260-2

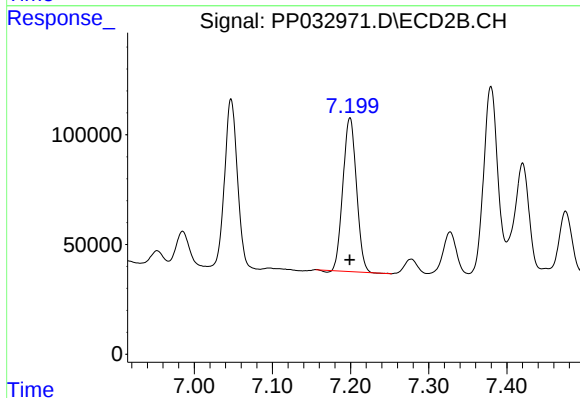
R.T.: 7.047 min
Delta R.T.: 0.003 min
Response: 891333
Conc: 391.13 ng/ml



#33 AR-1260-3

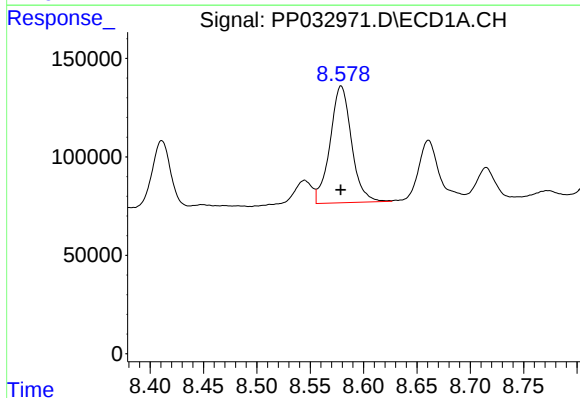
R.T.: 8.352 min
Delta R.T.: 0.001 min
Response: 772334
Conc: 383.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



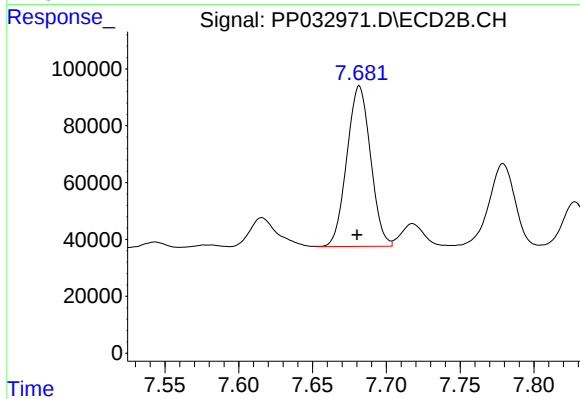
#33 AR-1260-3

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 843069
Conc: 385.54 ng/ml



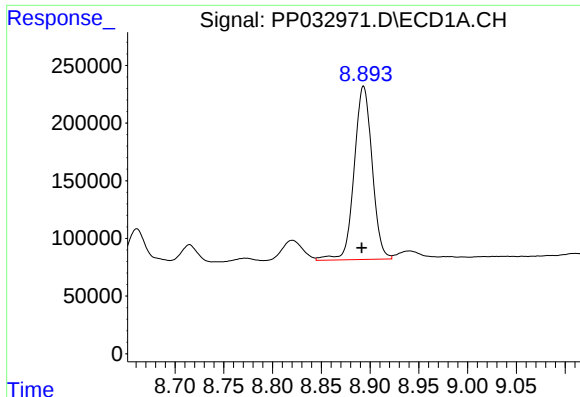
#34 AR-1260-4

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 829909
Conc: 402.78 ng/ml



#34 AR-1260-4

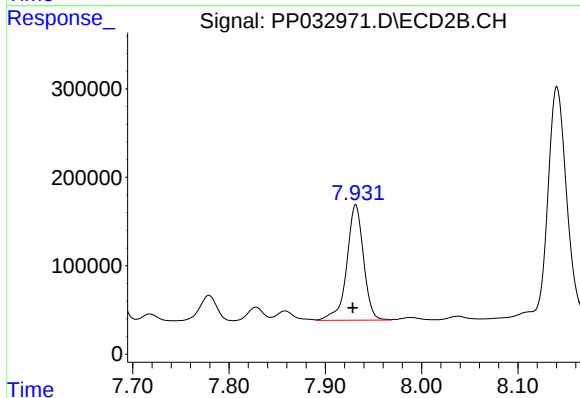
R.T.: 7.682 min
Delta R.T.: 0.002 min
Response: 632144
Conc: 345.94 ng/ml



#35 AR-1260-5

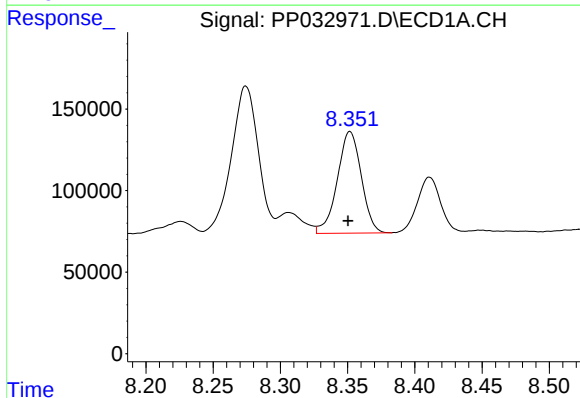
R.T.: 8.893 min
Delta R.T.: 0.002 min
Response: 1925131
Conc: 424.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



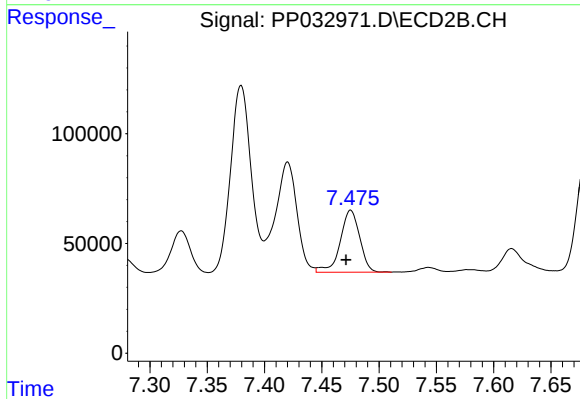
#35 AR-1260-5

R.T.: 7.932 min
Delta R.T.: 0.003 min
Response: 1568033
Conc: 364.52 ng/ml



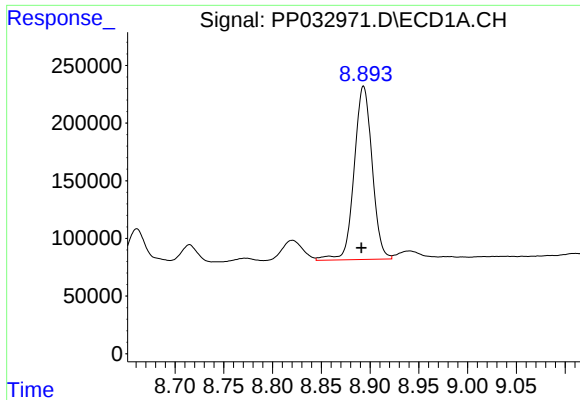
#36 AR-1262-1

R.T.: 8.352 min
Delta R.T.: 0.001 min
Response: 772334
Conc: 260.41 ng/ml



#36 AR-1262-1

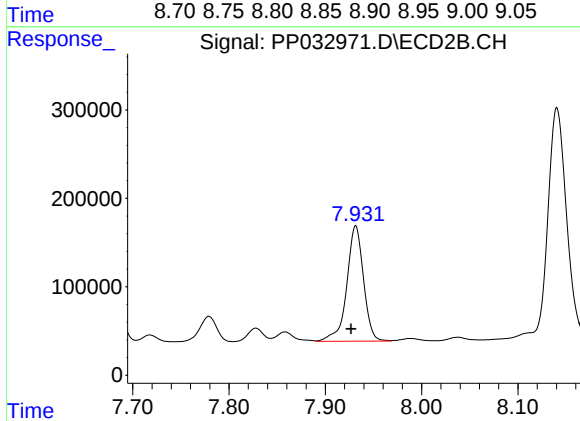
R.T.: 7.475 min
Delta R.T.: 0.004 min
Response: 335413
Conc: 298.47 ng/ml



#37 AR-1262-2

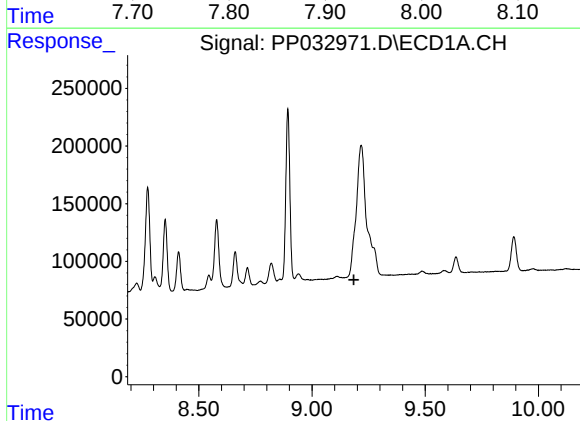
R.T.: 8.893 min
Delta R.T.: 0.002 min
Response: 1925131
Conc: 380.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



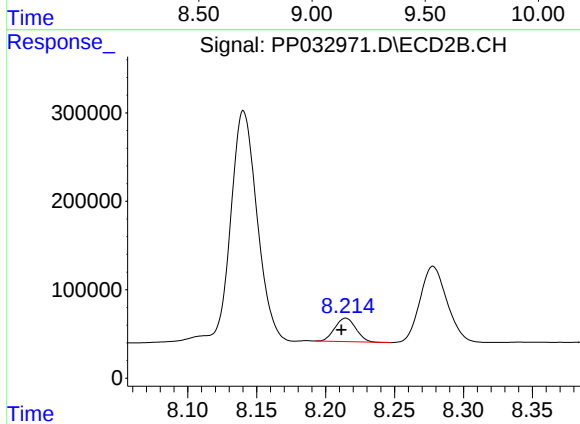
#37 AR-1262-2

R.T.: 7.932 min
Delta R.T.: 0.005 min
Response: 1568033
Conc: 339.92 ng/ml



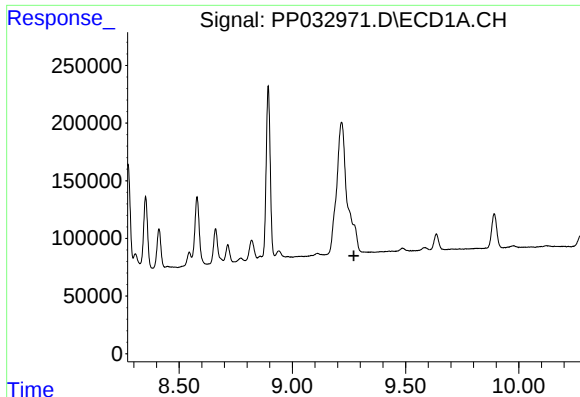
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.185 min
Response: 0
Conc: N.D.



#38 AR-1262-3

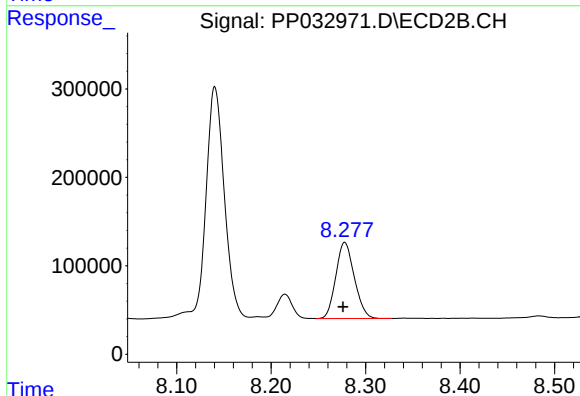
R.T.: 8.215 min
Delta R.T.: 0.003 min
Response: 282505
Conc: 147.54 ng/ml



#39 AR-1262-4

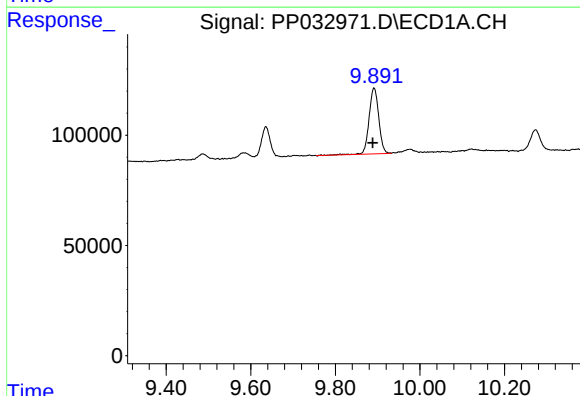
R.T.: 0.000 min
Exp R.T.: 9.272 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



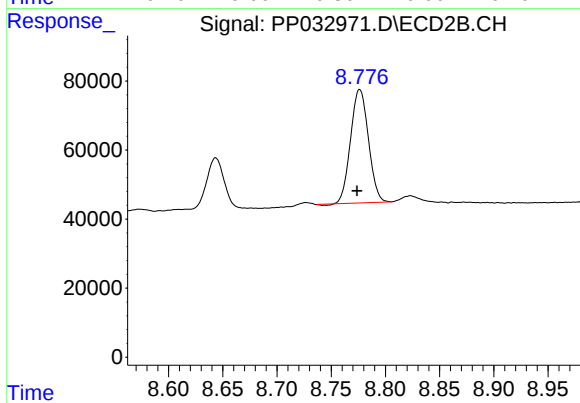
#39 AR-1262-4

R.T.: 8.278 min
Delta R.T.: 0.002 min
Response: 1174114
Conc: 331.72 ng/ml



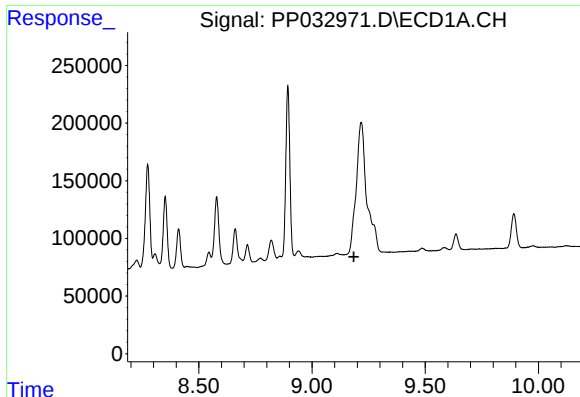
#40 AR-1262-5

R.T.: 9.891 min
Delta R.T.: 0.003 min
Response: 474134
Conc: 261.32 ng/ml



#40 AR-1262-5

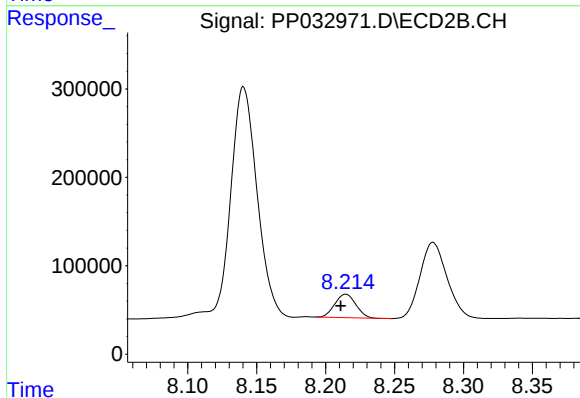
R.T.: 8.776 min
Delta R.T.: 0.003 min
Response: 375578
Conc: 237.43 ng/ml



#41 AR-1268-1

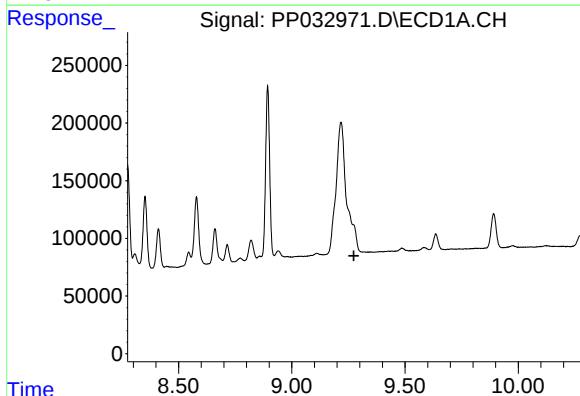
R.T.: 0.000 min
Exp R.T.: 9.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



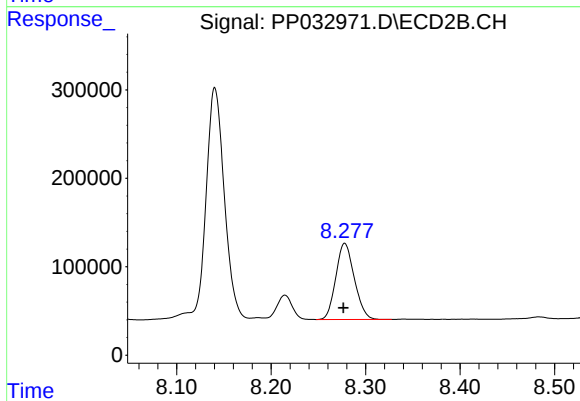
#41 AR-1268-1

R.T.: 8.215 min
Delta R.T.: 0.004 min
Response: 282505
Conc: 50.10 ng/ml



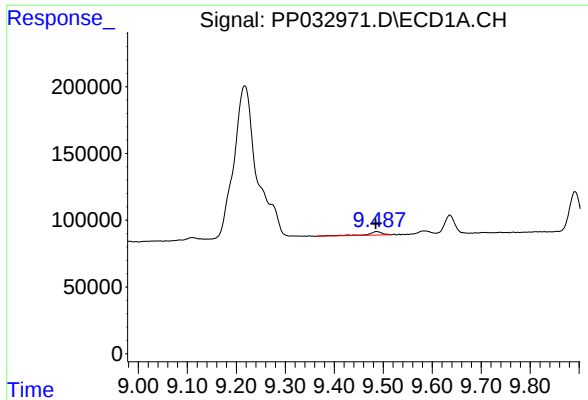
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.274 min
Response: 0
Conc: N.D.



#42 AR-1268-2

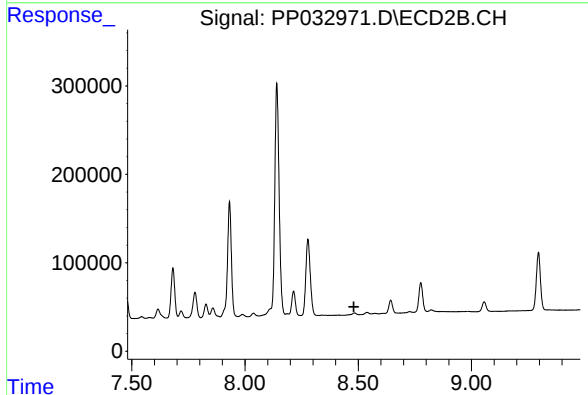
R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 1174114
Conc: 216.58 ng/ml



#43 AR-1268-3

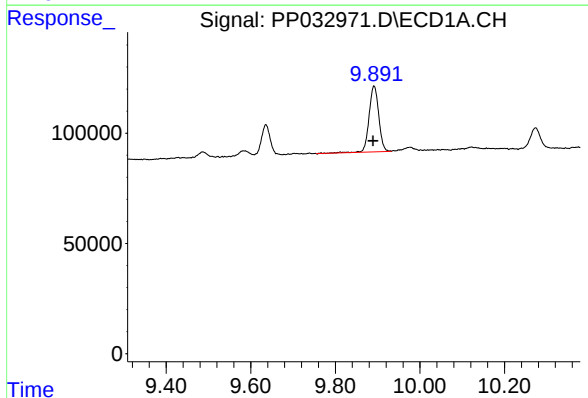
R.T.: 9.487 min
Delta R.T.: 0.002 min
Response: 52330
Conc: 9.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



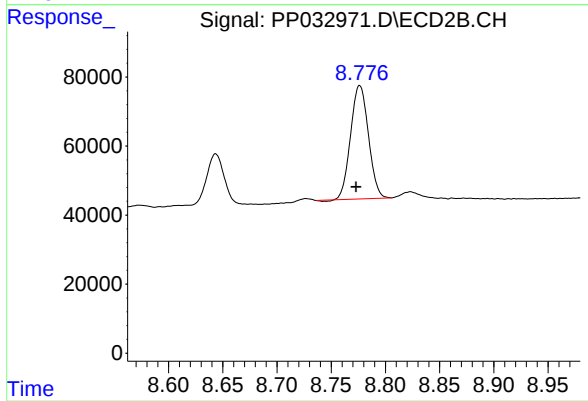
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.481 min
Response: 0
Conc: N.D.



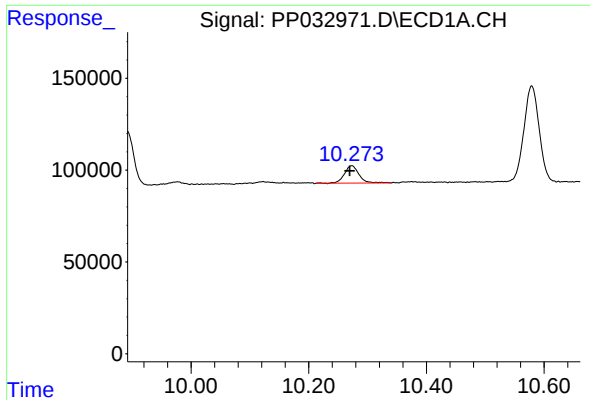
#44 AR-1268-4

R.T.: 9.891 min
Delta R.T.: 0.002 min
Response: 474134
Conc: 231.19 ng/ml



#44 AR-1268-4

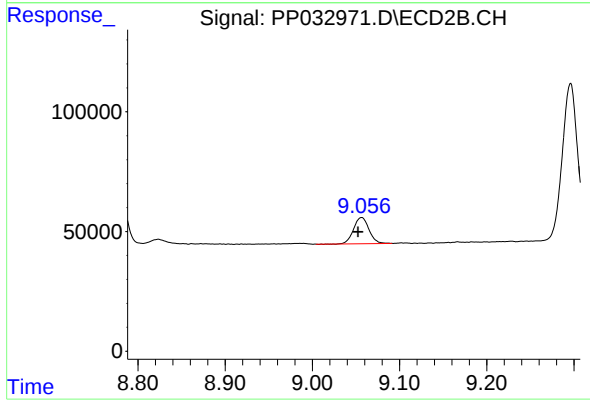
R.T.: 8.776 min
Delta R.T.: 0.003 min
Response: 375578
Conc: 207.65 ng/ml



#45 AR-1268-5

R.T.: 10.273 min
Delta R.T.: 0.004 min
Response: 162658
Conc: 10.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.056 min
Delta R.T.: 0.004 min
Response: 133545
Conc: 9.22 ng/ml