

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102021\
 Data File : PP040277.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Oct 2021 20:47
 Operator : AJ\MA
 Sample : M4285-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 02:13:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 08:03:59 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...	4.890	3.978	644015	342214	21.207	20.242
2)	SA Decachlor...	10.906	9.302	440097	367632	17.806	17.322
Target Compounds							
3)	L1 AR-1016-1	6.214	5.241	554595	332928	561.665	510.156
4)	L1 AR-1016-2	6.237	5.261	852700	538577	596.714	589.103
5)	L1 AR-1016-3	6.303	5.454	532108	269679	610.587	533.047
6)	L1 AR-1016-4	6.411	5.506	454908	199002	639.329	486.019
7)	L1 AR-1016-5	6.726	5.737	267606	250208	418.397	499.754
8)	L2 AR-1221-1	5.139	4.237	63235	36226	181.576	177.020
9)	L2 AR-1221-2	5.240	4.338	69856	49190	313.543	292.437
10)	L2 AR-1221-3	5.328	4.427	321172	191896	398.385	354.352
11)	L3 AR-1232-1	5.328	4.427	321172	191896	516.148	472.464
12)	L3 AR-1232-2	5.918	5.261	463043	538577	1349.120	1377.664
13)	L3 AR-1232-3	6.237	5.454	852700	269679	1349.017	1301.941
14)	L3 AR-1232-4	6.411	5.551	454908	260664	1450.451	1377.639
15)	L3 AR-1232-5	6.508	5.737	322414	250208	1374.954	1211.892
16)	L4 AR-1242-1	6.214	5.241	554595	332928	706.325	669.095
17)	L4 AR-1242-2	6.237	5.261	852700	538577	751.745	788.549
18)	L4 AR-1242-3	6.303	5.454	532108	269679	765.611	714.771
19)	L4 AR-1242-4	6.411	5.551	454908	260664	789.508	703.686
20)	L4 AR-1242-5	0.000	6.120	0	453834	N.D.	951.505 #
21)	L5 AR-1248-1	6.214	5.241	554595	332928	899.004	853.931
22)	L5 AR-1248-2	6.508	5.506	322414	199002	402.758	370.237
23)	L5 AR-1248-3	6.726	5.551	267606	260664	298.450	461.116 #
24)	L5 AR-1248-4	7.157	5.737	446600	250208	485.308	391.524
25)	L5 AR-1248-5	0.000	6.162	0	59990	N.D.	96.163 #
26)	L6 AR-1254-1	7.131	6.120	526151	453834	567.098	473.717
27)	L6 AR-1254-2	7.358	6.276	496062	255089	358.330	289.021
28)	L6 AR-1254-3	7.739	6.717	237317	356636	166.577	261.584 #
29)	L6 AR-1254-4	8.031	6.942	164840	61329	155.777	71.502 #
30)	L6 AR-1254-5	8.462	7.370	958506	729164	820.049	564.889 #
31)	L7 AR-1260-1	7.903	6.837	590630	546796	540.677	545.901
32)	L7 AR-1260-2	8.170	7.034	813732	634820	595.369	536.118
33)	L7 AR-1260-3	8.536	7.190	454085	586393	498.311	496.310
34)	L7 AR-1260-4	8.767	7.675	557372	439598	528.061	500.158
35)	L7 AR-1260-5	9.091	7.923	1033599	978164	499.116	478.623
36)	L8 AR-1262-1	8.536	7.370	454085	729164	332.990	1037.997 #
37)	L8 AR-1262-2	9.091	7.923	1033599	978164	416.794	434.659
38)	L8 AR-1262-3	9.422f	8.210	707157	195202	614.868	200.436 #
39)	L8 AR-1262-4	9.474f	8.274	398466	734094	487.667	414.084
40)	L8 AR-1262-5	10.158	8.774	267795	224706	281.857	248.138
41)	L9 AR-1268-1	9.422f	8.210	707157	195202	239.466	72.343 #

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 ALS Vial : 23 Sample Multiplier: 1

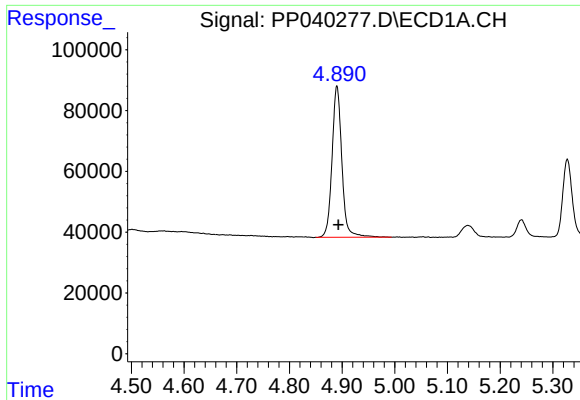
Instrument :
 ECD_P
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 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.474f	8.274	398466	734094	141.132	293.201 #
43) L9	AR-1268-3	0.000	8.484	0	14203	N.D.	6.486 #
44) L9	AR-1268-4	10.158	8.774	267795	224706	259.839	226.602
45) L9	AR-1268-5	10.571	9.056	105815	77278	12.302	10.840

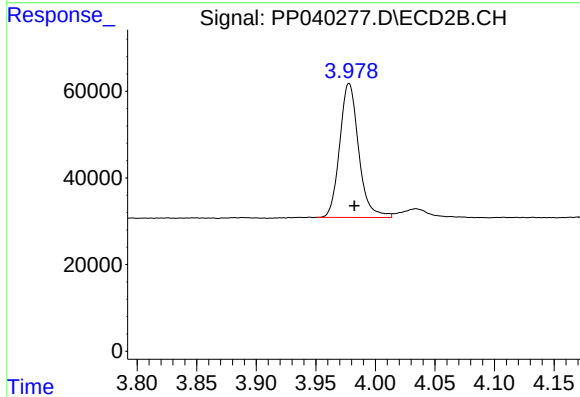
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

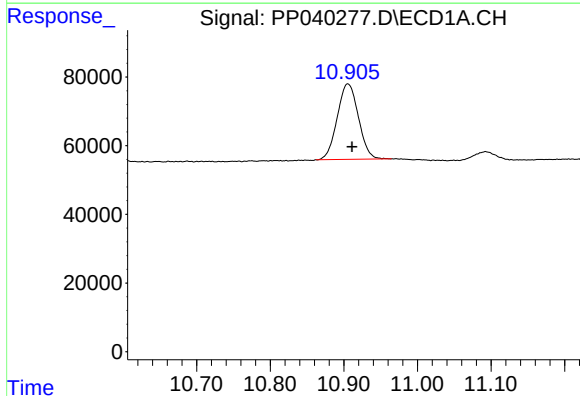
R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 644015
Conc: 21.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



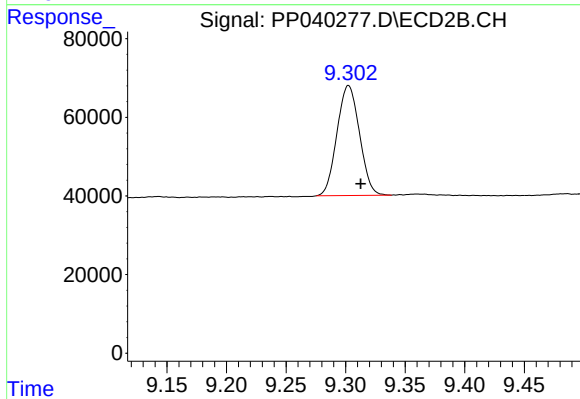
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 342214
Conc: 20.24 ng/ml



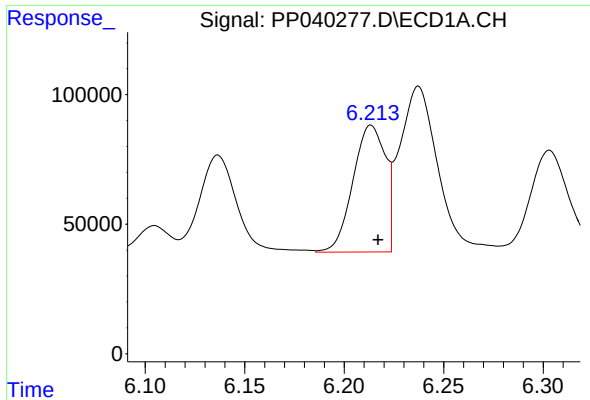
#2 Decachlorobiphenyl

R.T.: 10.906 min
Delta R.T.: -0.006 min
Response: 440097
Conc: 17.81 ng/ml



#2 Decachlorobiphenyl

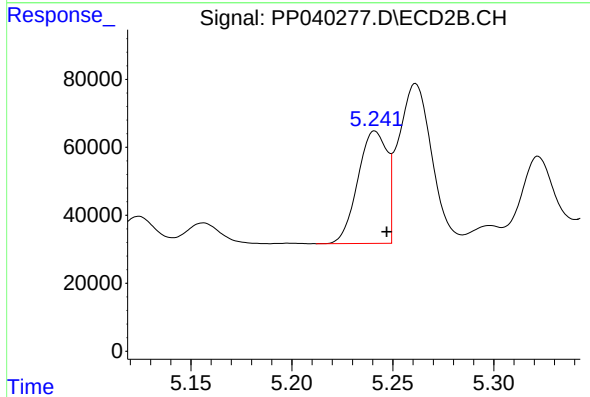
R.T.: 9.302 min
Delta R.T.: -0.010 min
Response: 367632
Conc: 17.32 ng/ml



#3 AR-1016-1

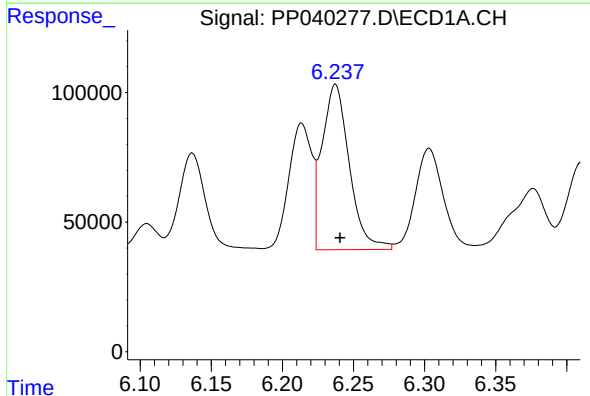
R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 554595
Conc: 561.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



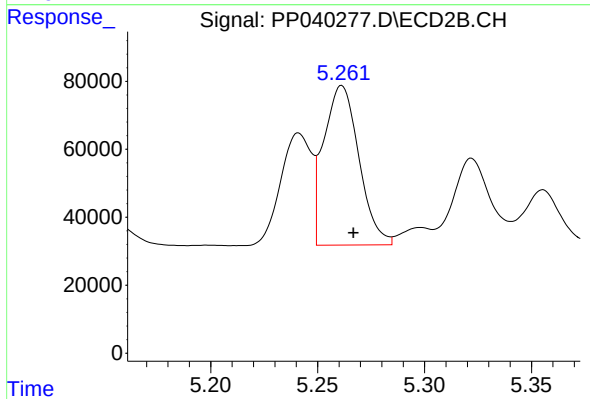
#3 AR-1016-1

R.T.: 5.241 min
Delta R.T.: -0.006 min
Response: 332928
Conc: 510.16 ng/ml



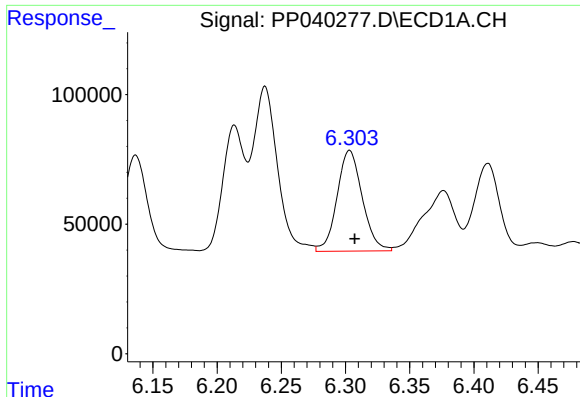
#4 AR-1016-2

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 852700
Conc: 596.71 ng/ml



#4 AR-1016-2

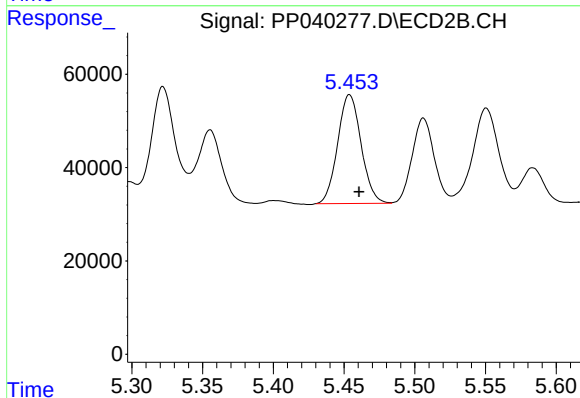
R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 538577
Conc: 589.10 ng/ml



#5 AR-1016-3

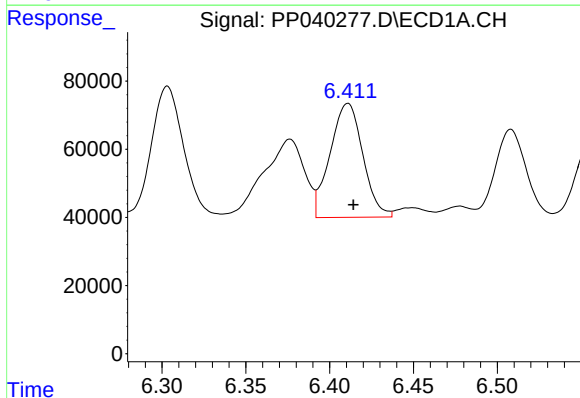
R.T.: 6.303 min
Delta R.T.: -0.004 min
Response: 532108
Conc: 610.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



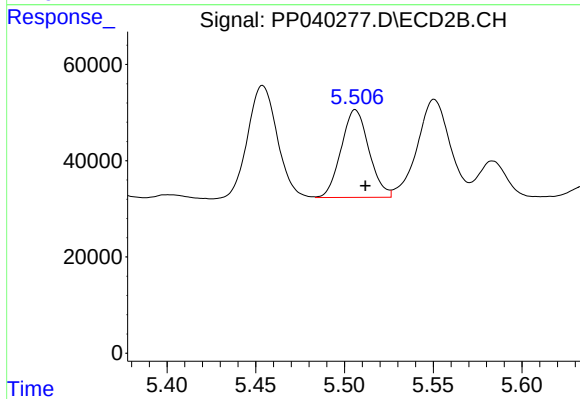
#5 AR-1016-3

R.T.: 5.454 min
Delta R.T.: -0.007 min
Response: 269679
Conc: 533.05 ng/ml



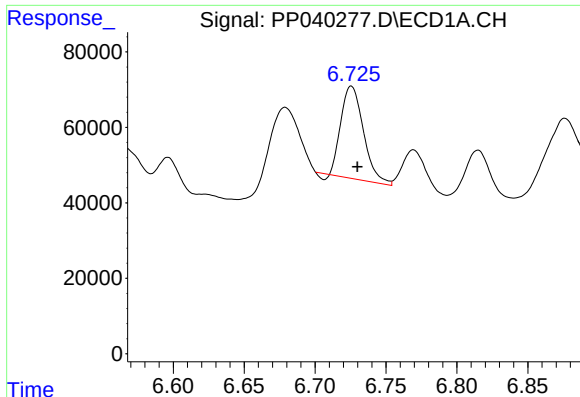
#6 AR-1016-4

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 454908
Conc: 639.33 ng/ml



#6 AR-1016-4

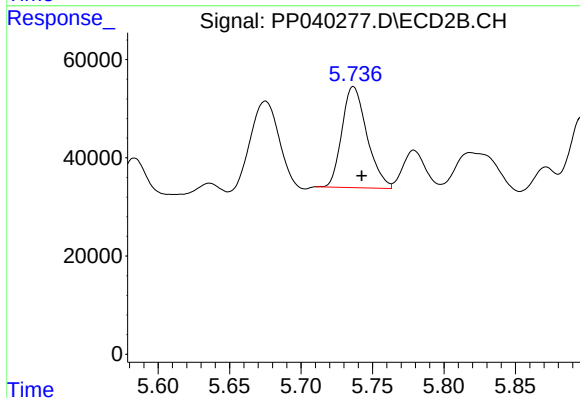
R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 199002
Conc: 486.02 ng/ml



#7 AR-1016-5

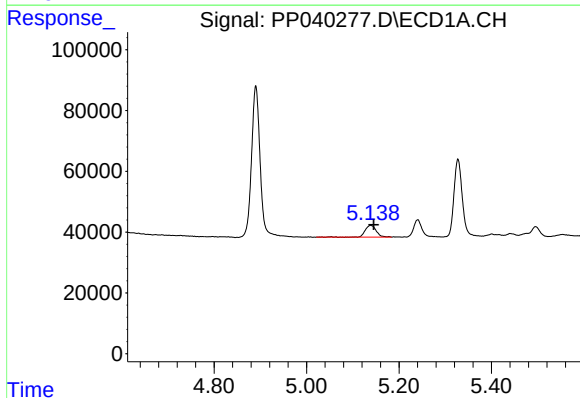
R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 267606
Conc: 418.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



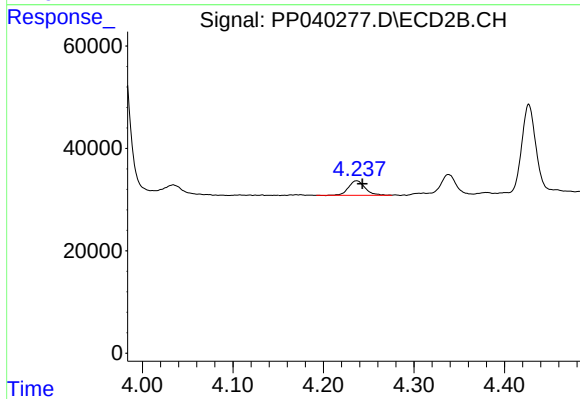
#7 AR-1016-5

R.T.: 5.737 min
Delta R.T.: -0.006 min
Response: 250208
Conc: 499.75 ng/ml



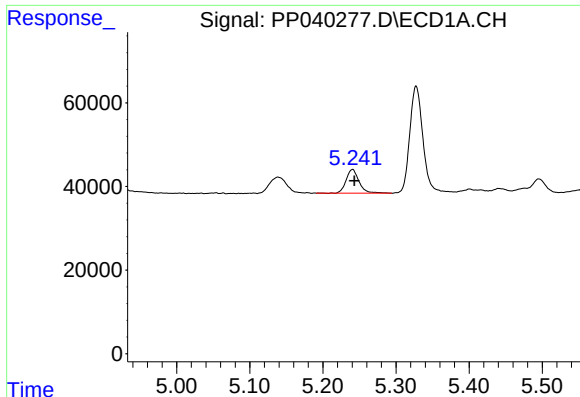
#8 AR-1221-1

R.T.: 5.139 min
Delta R.T.: -0.006 min
Response: 63235
Conc: 181.58 ng/ml



#8 AR-1221-1

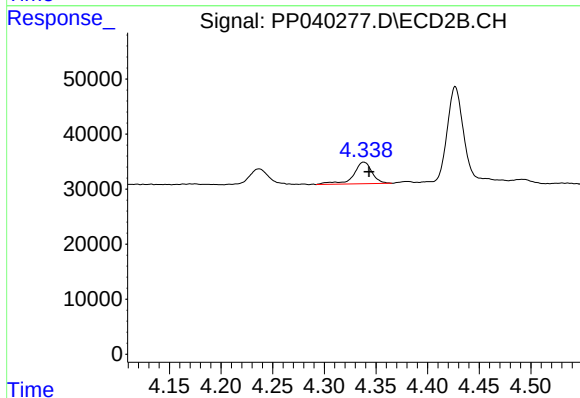
R.T.: 4.237 min
Delta R.T.: -0.006 min
Response: 36226
Conc: 177.02 ng/ml



#9 AR-1221-2

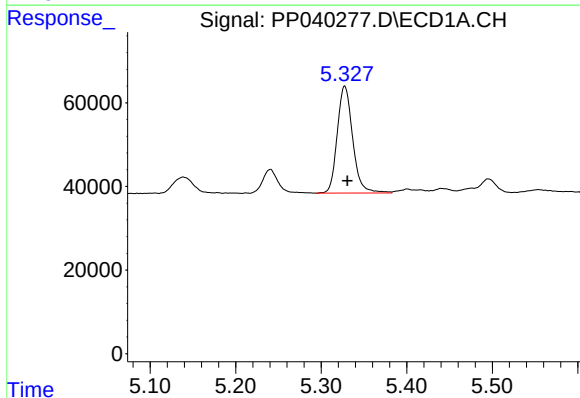
R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 69856
Conc: 313.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



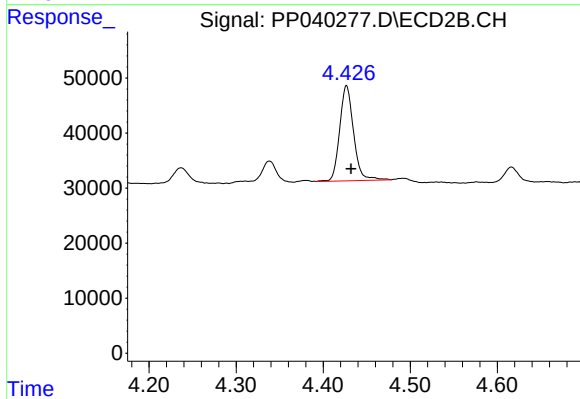
#9 AR-1221-2

R.T.: 4.338 min
Delta R.T.: -0.005 min
Response: 49190
Conc: 292.44 ng/ml



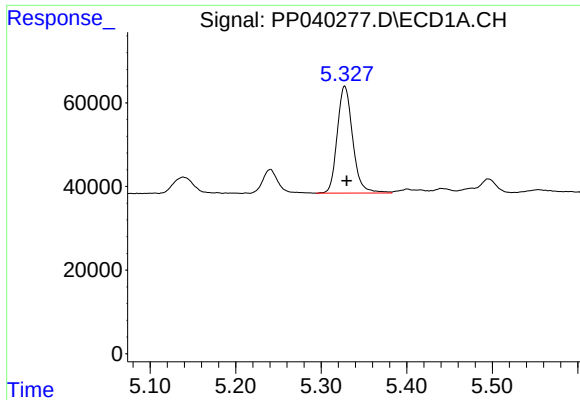
#10 AR-1221-3

R.T.: 5.328 min
Delta R.T.: -0.003 min
Response: 321172
Conc: 398.39 ng/ml



#10 AR-1221-3

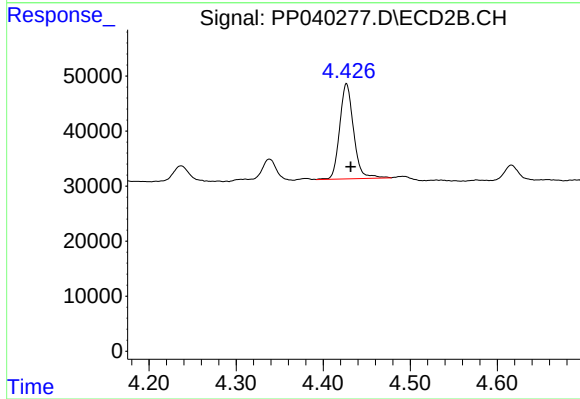
R.T.: 4.427 min
Delta R.T.: -0.005 min
Response: 191896
Conc: 354.35 ng/ml



#11 AR-1232-1

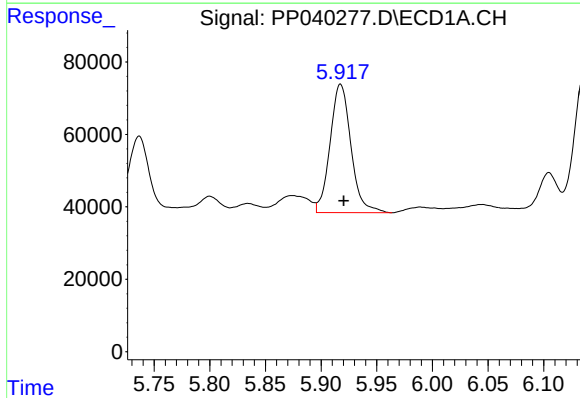
R.T.: 5.328 min
Delta R.T.: -0.002 min
Response: 321172
Conc: 516.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



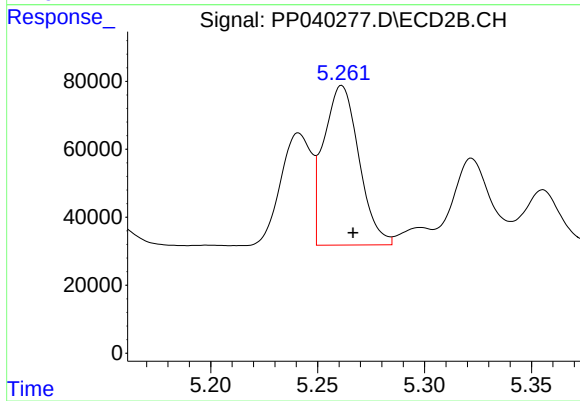
#11 AR-1232-1

R.T.: 4.427 min
Delta R.T.: -0.005 min
Response: 191896
Conc: 472.46 ng/ml



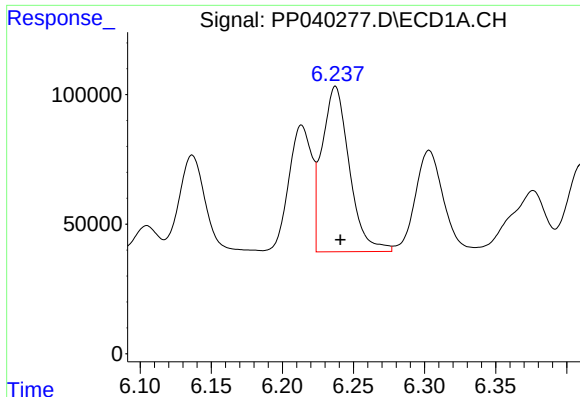
#12 AR-1232-2

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 463043
Conc: 1349.12 ng/ml



#12 AR-1232-2

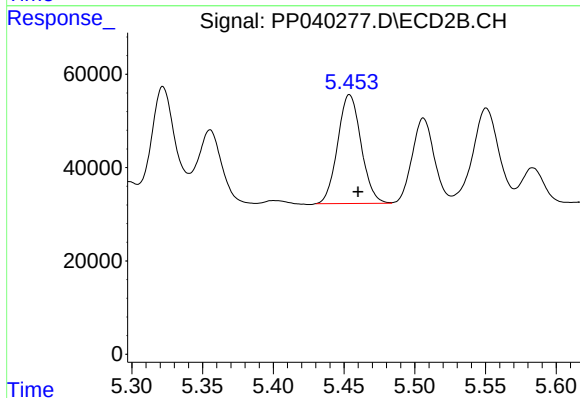
R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 538577
Conc: 1377.66 ng/ml



#13 AR-1232-3

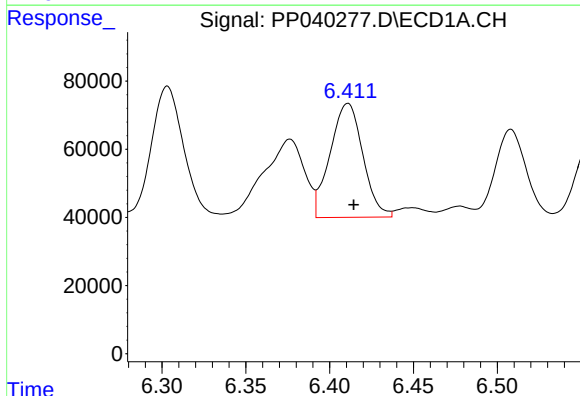
R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 852700
Conc: 1349.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



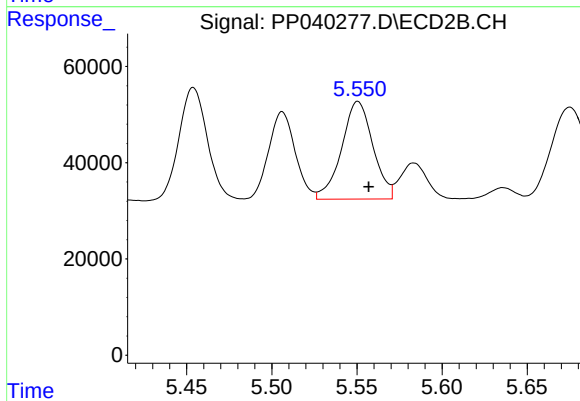
#13 AR-1232-3

R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 269679
Conc: 1301.94 ng/ml



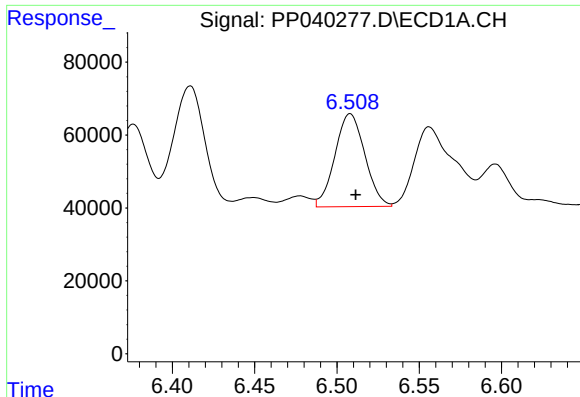
#14 AR-1232-4

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 454908
Conc: 1450.45 ng/ml



#14 AR-1232-4

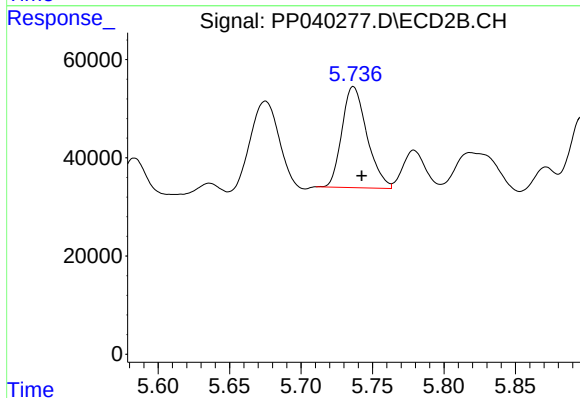
R.T.: 5.551 min
Delta R.T.: -0.006 min
Response: 260664
Conc: 1377.64 ng/ml



#15 AR-1232-5

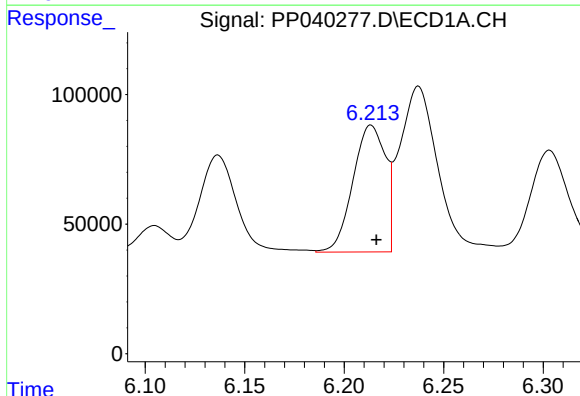
R.T.: 6.508 min
Delta R.T.: -0.003 min
Response: 322414
Conc: 1374.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



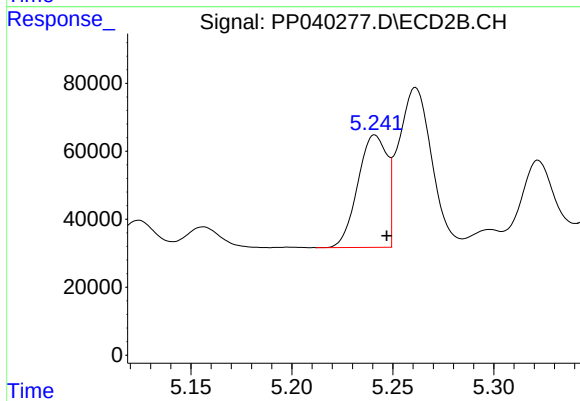
#15 AR-1232-5

R.T.: 5.737 min
Delta R.T.: -0.006 min
Response: 250208
Conc: 1211.89 ng/ml



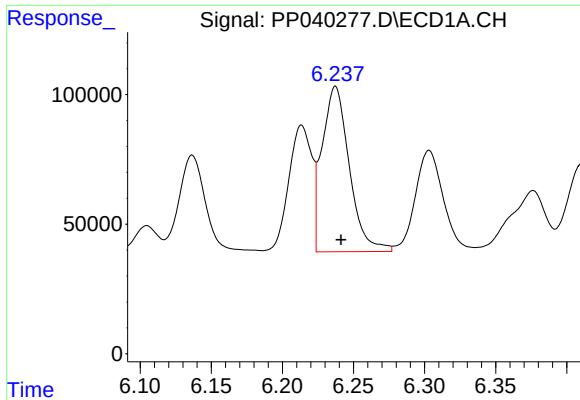
#16 AR-1242-1

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 554595
Conc: 706.33 ng/ml



#16 AR-1242-1

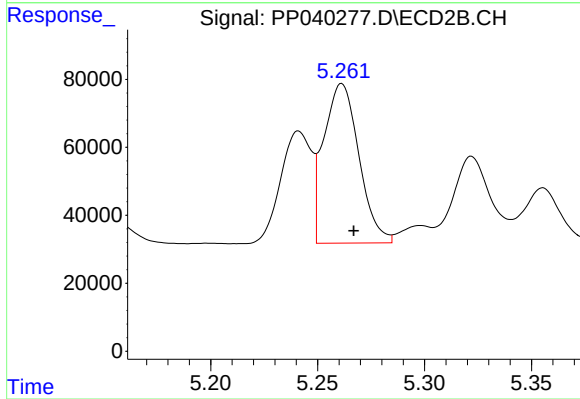
R.T.: 5.241 min
Delta R.T.: -0.006 min
Response: 332928
Conc: 669.09 ng/ml



#17 AR-1242-2

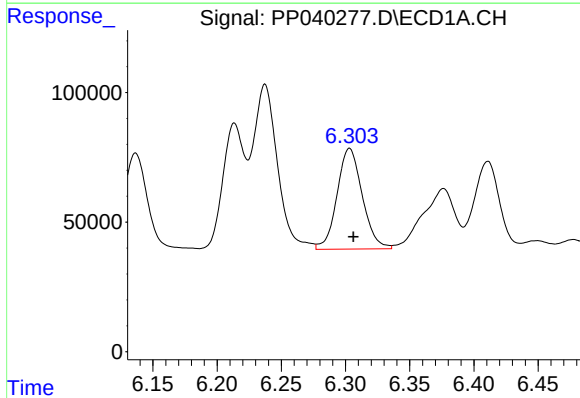
R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 852700
Conc: 751.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



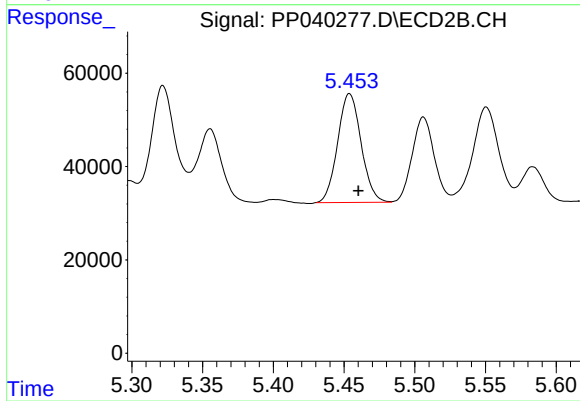
#17 AR-1242-2

R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 538577
Conc: 788.55 ng/ml



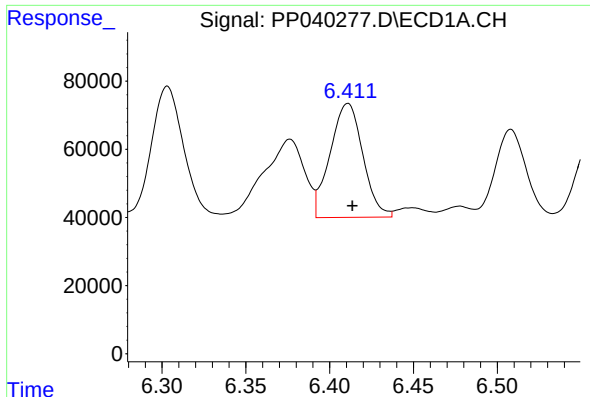
#18 AR-1242-3

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 532108
Conc: 765.61 ng/ml



#18 AR-1242-3

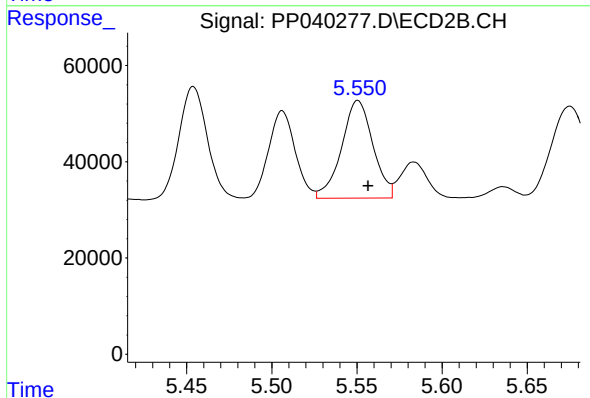
R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 269679
Conc: 714.77 ng/ml



#19 AR-1242-4

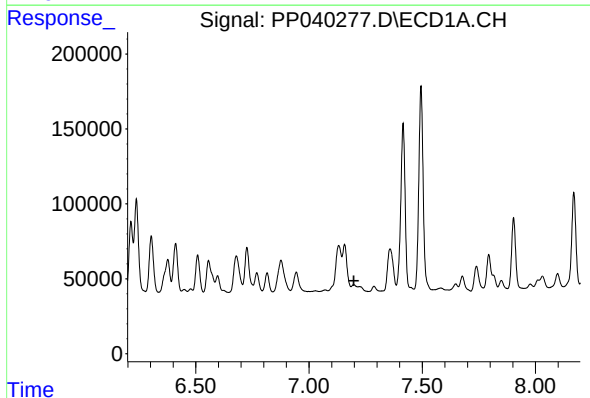
R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 454908
Conc: 789.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



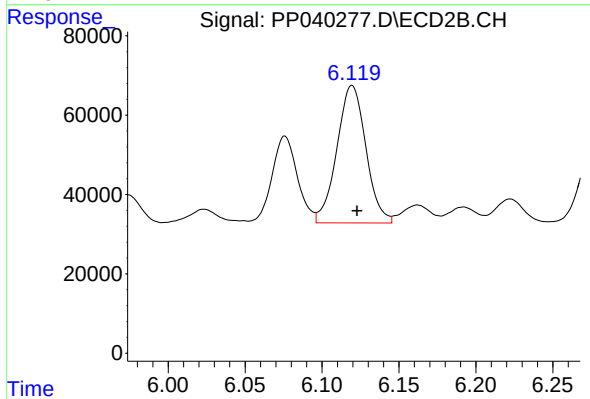
#19 AR-1242-4

R.T.: 5.551 min
Delta R.T.: -0.006 min
Response: 260664
Conc: 703.69 ng/ml



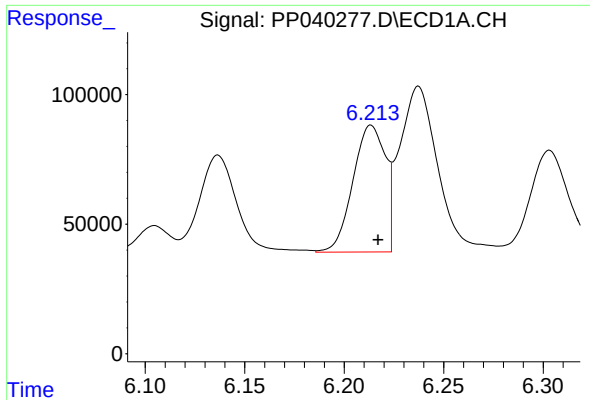
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.198 min
Response: 0
Conc: N.D.



#20 AR-1242-5

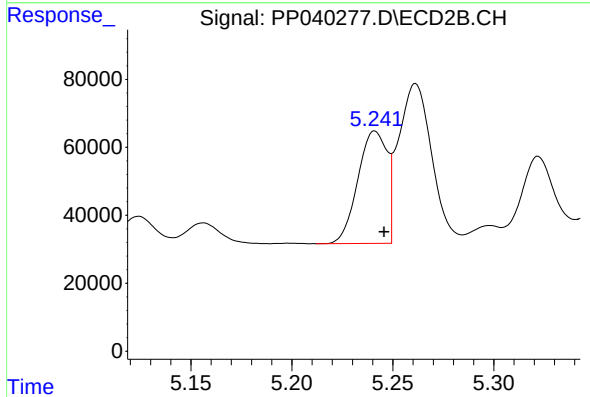
R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 453834
Conc: 951.51 ng/ml



#21 AR-1248-1

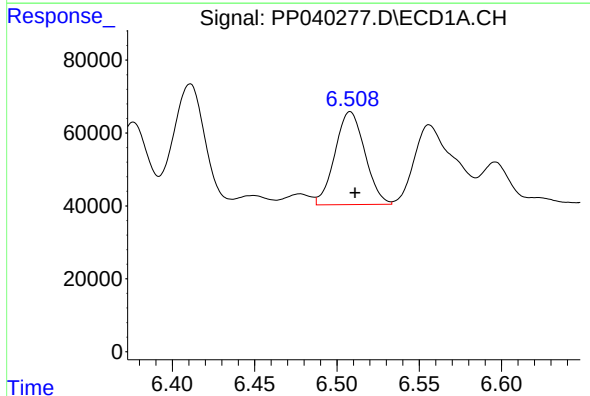
R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 554595
Conc: 899.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



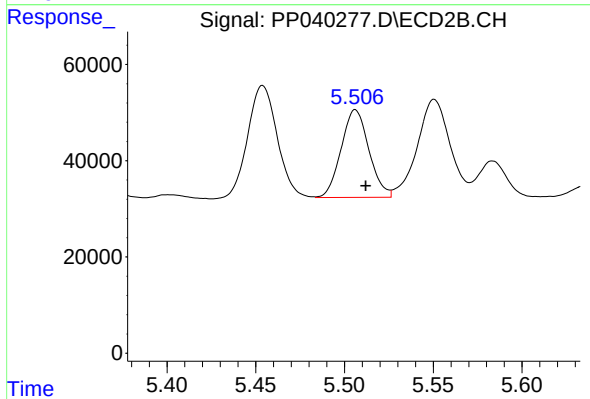
#21 AR-1248-1

R.T.: 5.241 min
Delta R.T.: -0.005 min
Response: 332928
Conc: 853.93 ng/ml



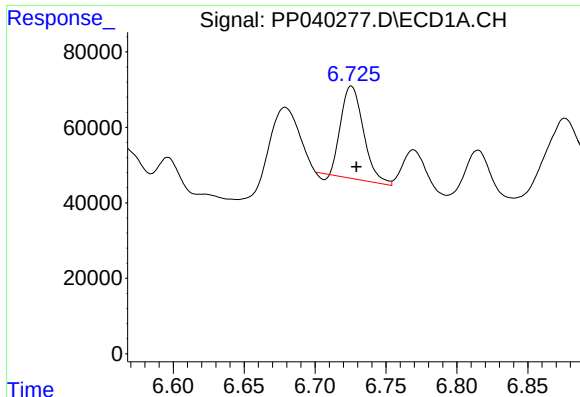
#22 AR-1248-2

R.T.: 6.508 min
Delta R.T.: -0.003 min
Response: 322414
Conc: 402.76 ng/ml



#22 AR-1248-2

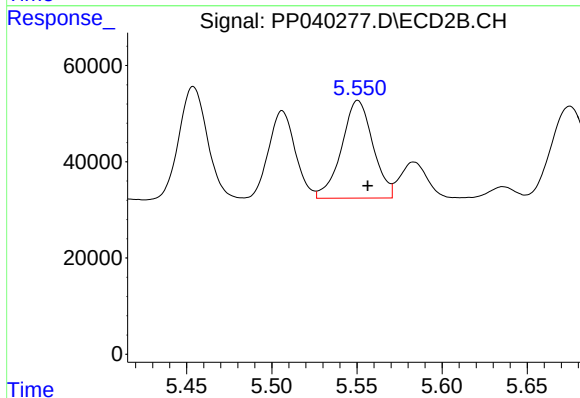
R.T.: 5.506 min
Delta R.T.: -0.006 min
Response: 199002
Conc: 370.24 ng/ml



#23 AR-1248-3

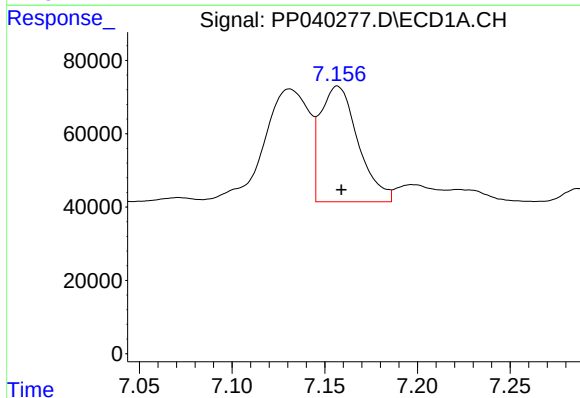
R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 267606
Conc: 298.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



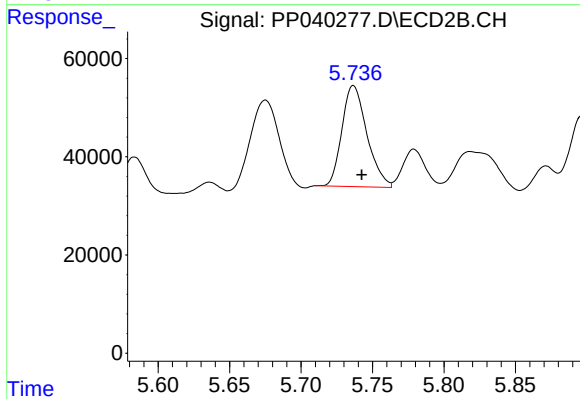
#23 AR-1248-3

R.T.: 5.551 min
Delta R.T.: -0.006 min
Response: 260664
Conc: 461.12 ng/ml



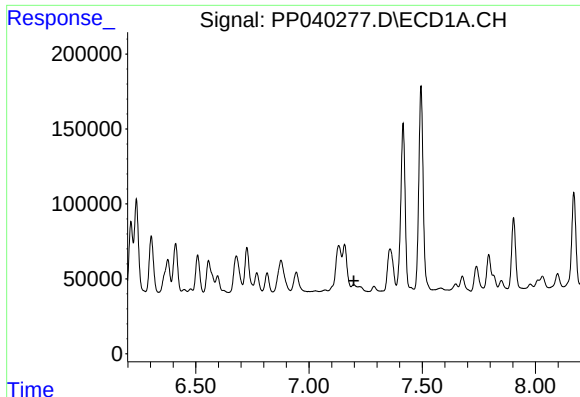
#24 AR-1248-4

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 446600
Conc: 485.31 ng/ml



#24 AR-1248-4

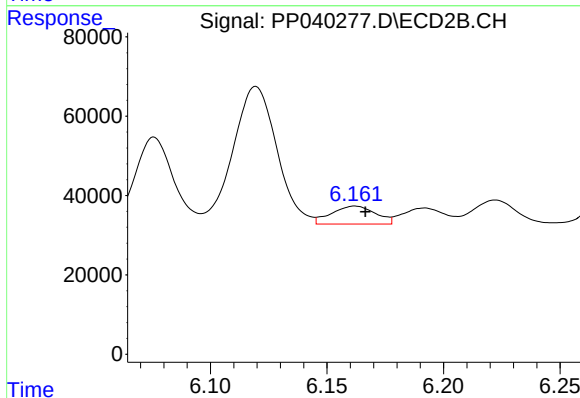
R.T.: 5.737 min
Delta R.T.: -0.006 min
Response: 250208
Conc: 391.52 ng/ml



#25 AR-1248-5

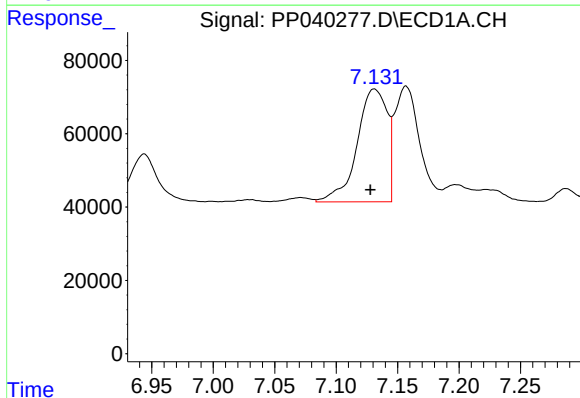
R.T.: 0.000 min
Exp R.T.: 7.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



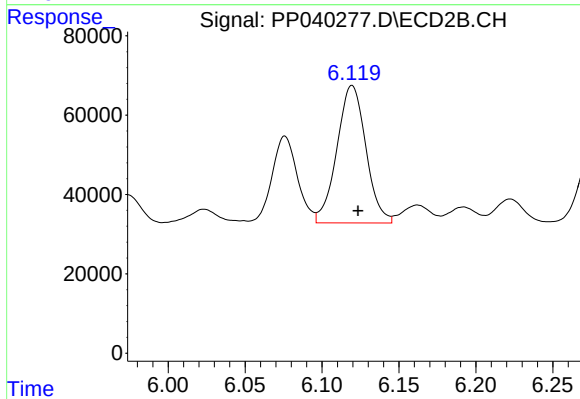
#25 AR-1248-5

R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 59990
Conc: 96.16 ng/ml



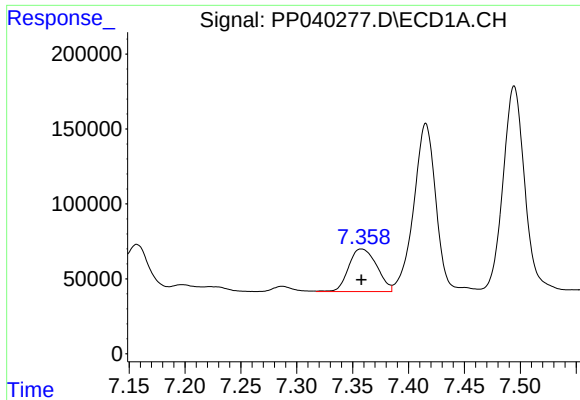
#26 AR-1254-1

R.T.: 7.131 min
Delta R.T.: 0.003 min
Response: 526151
Conc: 567.10 ng/ml



#26 AR-1254-1

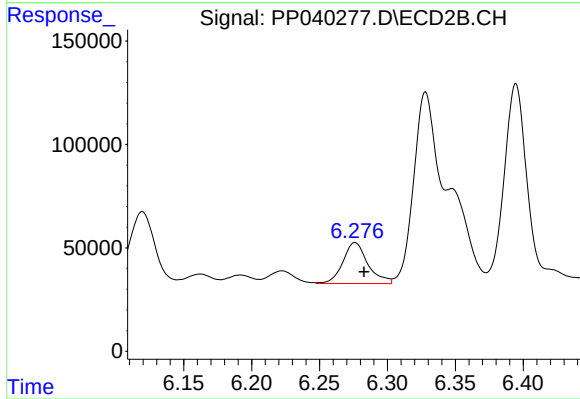
R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 453834
Conc: 473.72 ng/ml



#27 AR-1254-2

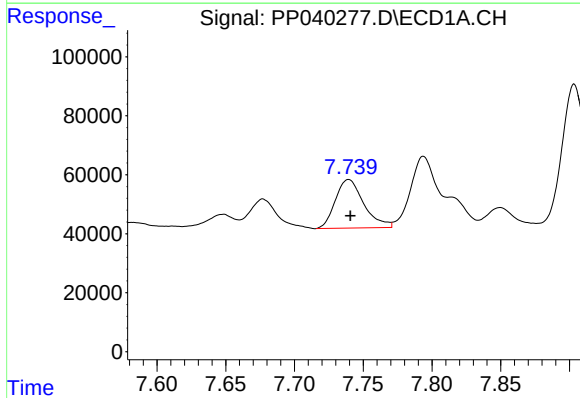
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 496062
Conc: 358.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



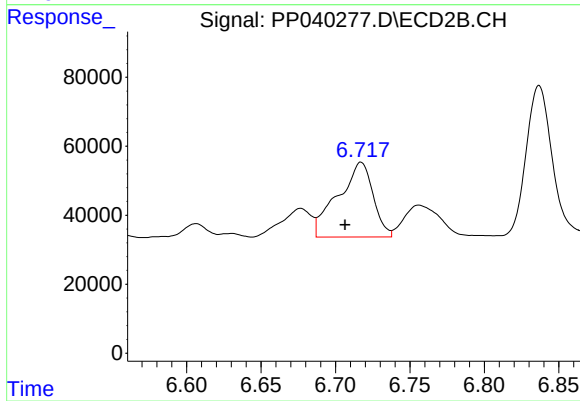
#27 AR-1254-2

R.T.: 6.276 min
Delta R.T.: -0.007 min
Response: 255089
Conc: 289.02 ng/ml



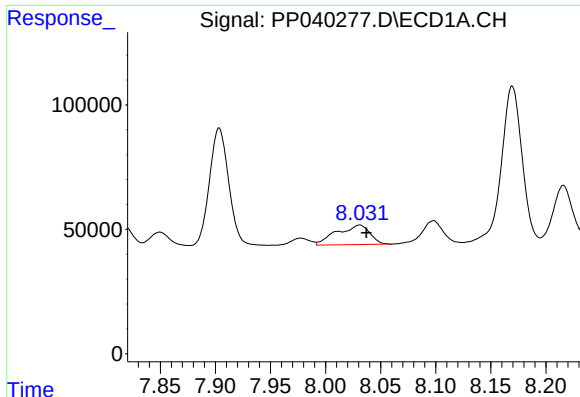
#28 AR-1254-3

R.T.: 7.739 min
Delta R.T.: -0.001 min
Response: 237317
Conc: 166.58 ng/ml



#28 AR-1254-3

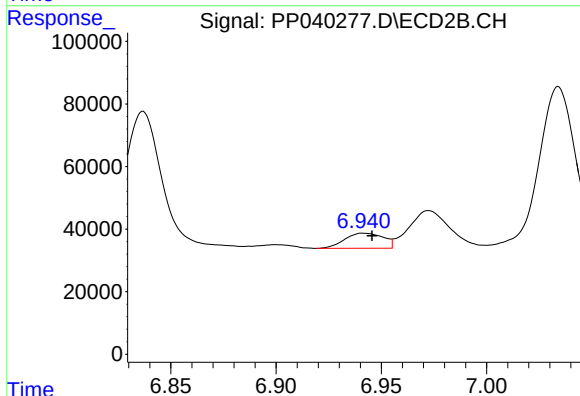
R.T.: 6.717 min
Delta R.T.: 0.011 min
Response: 356636
Conc: 261.58 ng/ml



#29 AR-1254-4

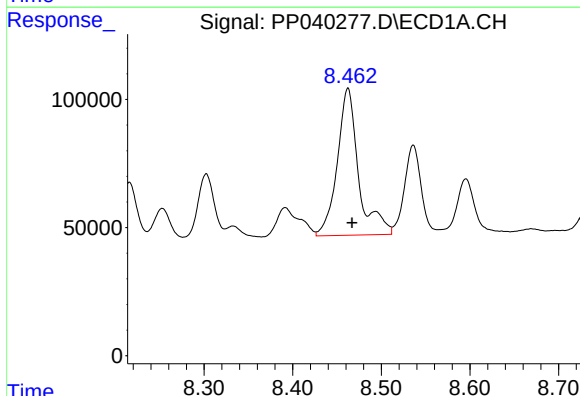
R.T.: 8.031 min
Delta R.T.: -0.006 min
Response: 164840
Conc: 155.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



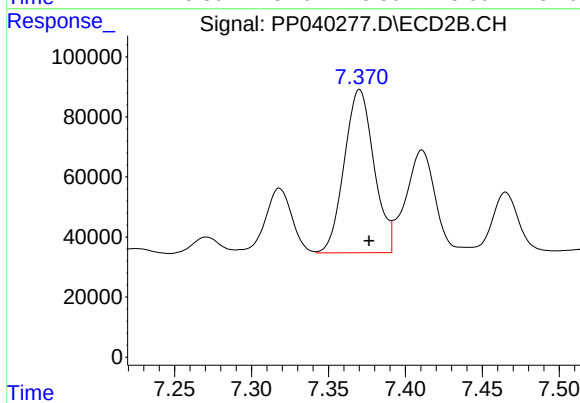
#29 AR-1254-4

R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 61329
Conc: 71.50 ng/ml



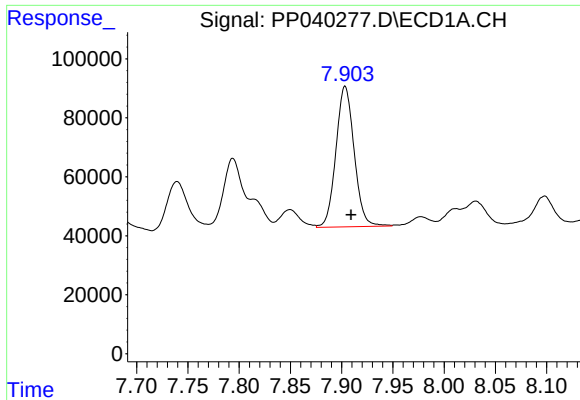
#30 AR-1254-5

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 958506
Conc: 820.05 ng/ml



#30 AR-1254-5

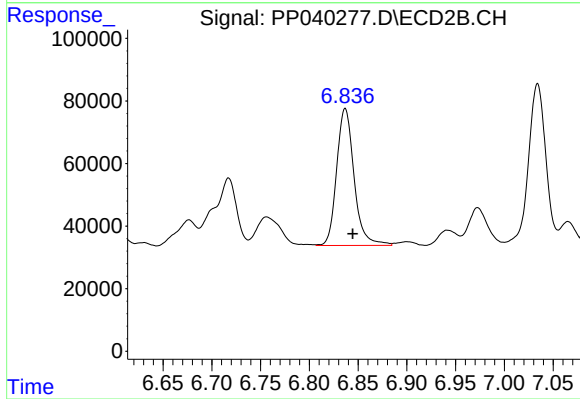
R.T.: 7.370 min
Delta R.T.: -0.006 min
Response: 729164
Conc: 564.89 ng/ml



#31 AR-1260-1

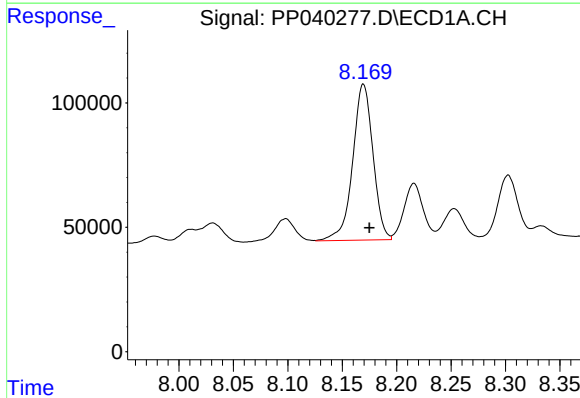
R.T.: 7.903 min
Delta R.T.: -0.006 min
Response: 590630
Conc: 540.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



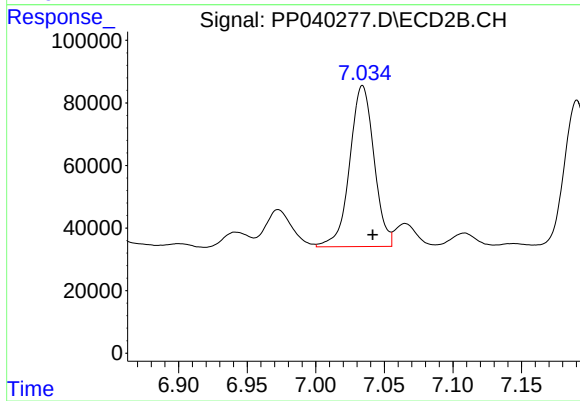
#31 AR-1260-1

R.T.: 6.837 min
Delta R.T.: -0.008 min
Response: 546796
Conc: 545.90 ng/ml



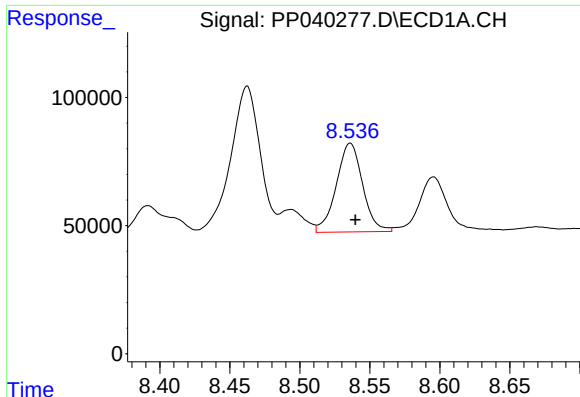
#32 AR-1260-2

R.T.: 8.170 min
Delta R.T.: -0.005 min
Response: 813732
Conc: 595.37 ng/ml



#32 AR-1260-2

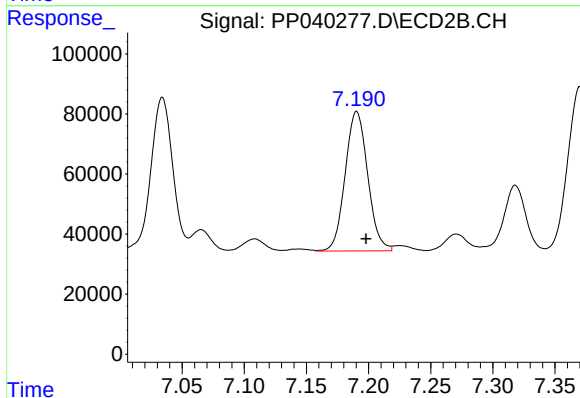
R.T.: 7.034 min
Delta R.T.: -0.008 min
Response: 634820
Conc: 536.12 ng/ml



#33 AR-1260-3

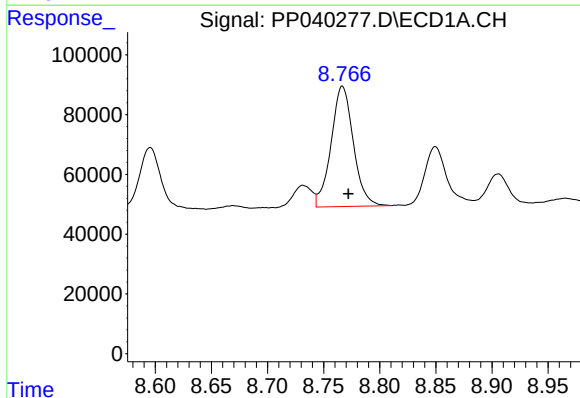
R.T.: 8.536 min
Delta R.T.: -0.004 min
Response: 454085
Conc: 498.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



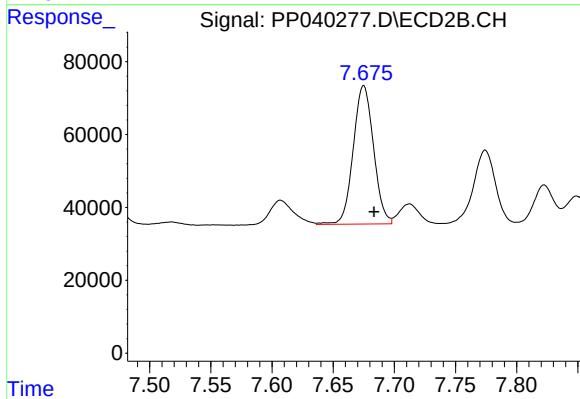
#33 AR-1260-3

R.T.: 7.190 min
Delta R.T.: -0.008 min
Response: 586393
Conc: 496.31 ng/ml



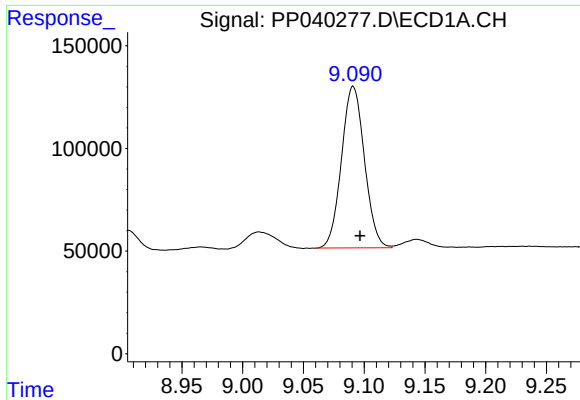
#34 AR-1260-4

R.T.: 8.767 min
Delta R.T.: -0.005 min
Response: 557372
Conc: 528.06 ng/ml



#34 AR-1260-4

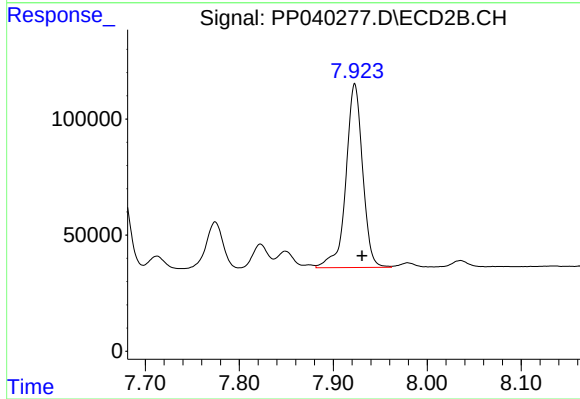
R.T.: 7.675 min
Delta R.T.: -0.008 min
Response: 439598
Conc: 500.16 ng/ml



#35 AR-1260-5

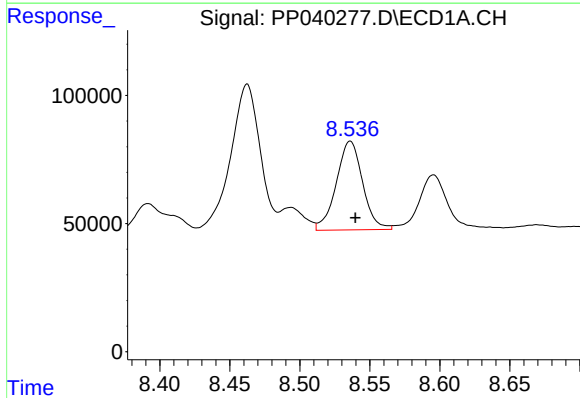
R.T.: 9.091 min
Delta R.T.: -0.006 min
Response: 1033599
Conc: 499.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



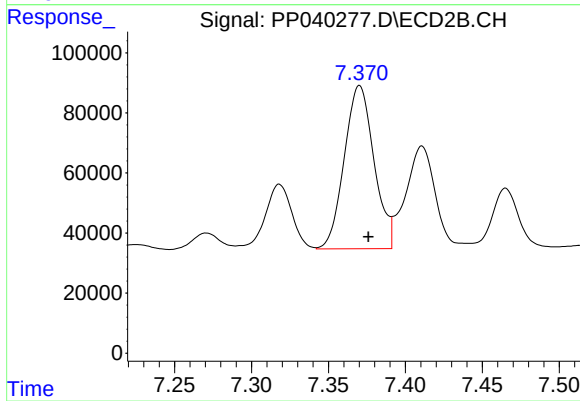
#35 AR-1260-5

R.T.: 7.923 min
Delta R.T.: -0.008 min
Response: 978164
Conc: 478.62 ng/ml



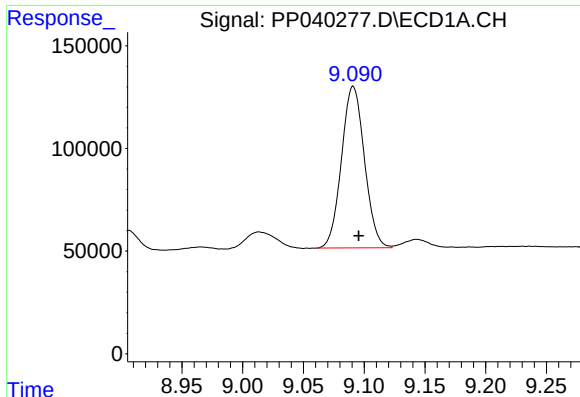
#36 AR-1262-1

R.T.: 8.536 min
Delta R.T.: -0.004 min
Response: 454085
Conc: 332.99 ng/ml



#36 AR-1262-1

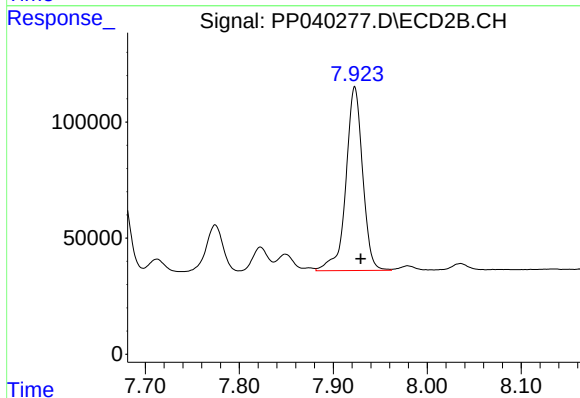
R.T.: 7.370 min
Delta R.T.: -0.006 min
Response: 729164
Conc: 1038.00 ng/ml



#37 AR-1262-2

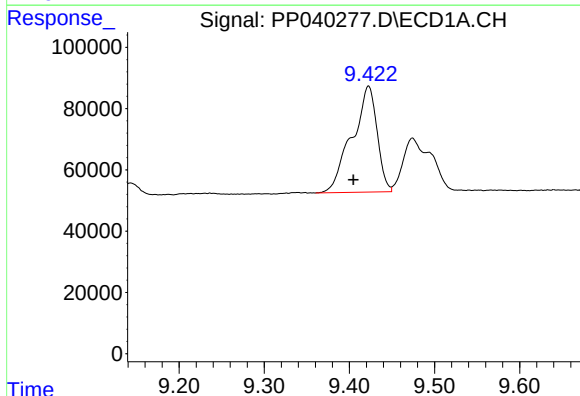
R.T.: 9.091 min
Delta R.T.: -0.005 min
Response: 1033599
Conc: 416.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



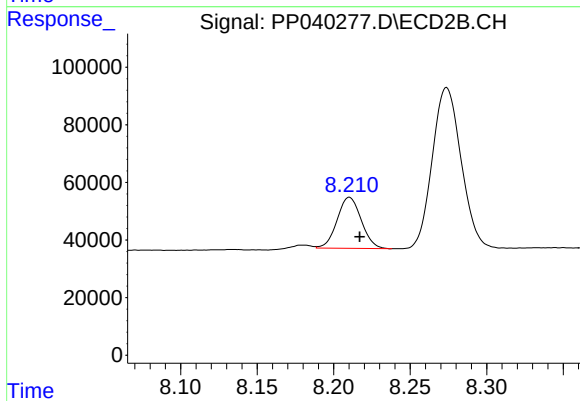
#37 AR-1262-2

R.T.: 7.923 min
Delta R.T.: -0.006 min
Response: 978164
Conc: 434.66 ng/ml



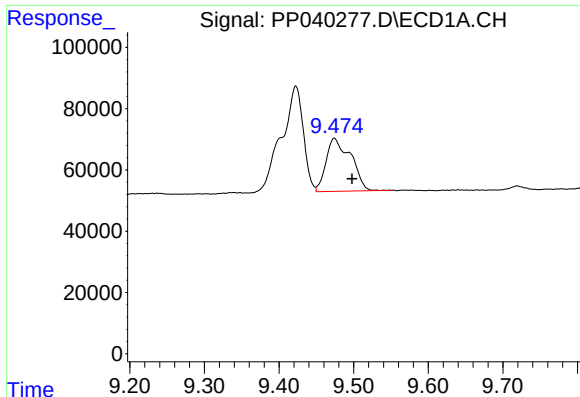
#38 AR-1262-3

R.T.: 9.422 min
Delta R.T.: 0.018 min
Response: 707157
Conc: 614.87 ng/ml



#38 AR-1262-3

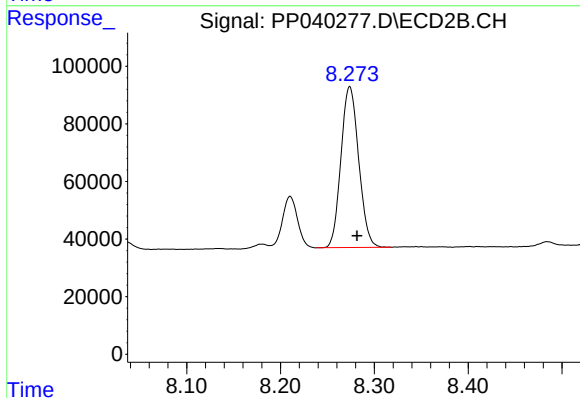
R.T.: 8.210 min
Delta R.T.: -0.007 min
Response: 195202
Conc: 200.44 ng/ml



#39 AR-1262-4

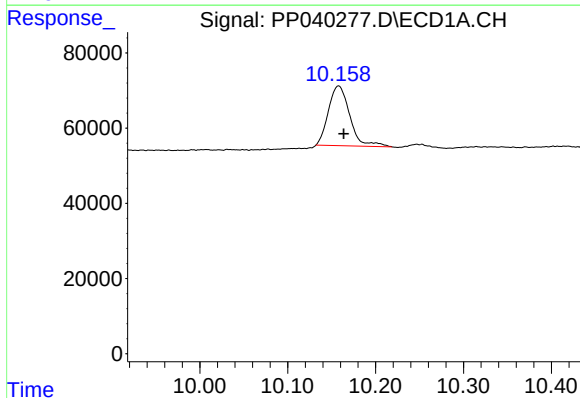
R.T.: 9.474 min
Delta R.T.: -0.024 min
Response: 398466
Conc: 487.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



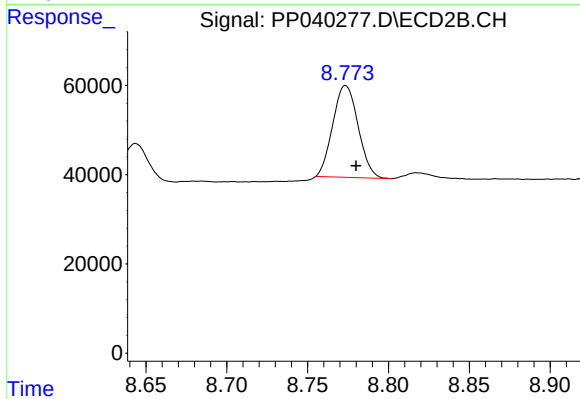
#39 AR-1262-4

R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 734094
Conc: 414.08 ng/ml



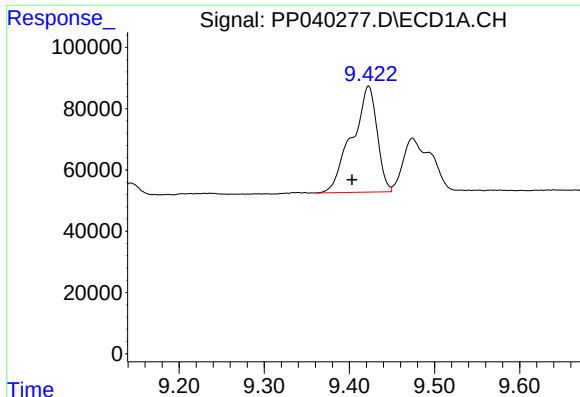
#40 AR-1262-5

R.T.: 10.158 min
Delta R.T.: -0.006 min
Response: 267795
Conc: 281.86 ng/ml



#40 AR-1262-5

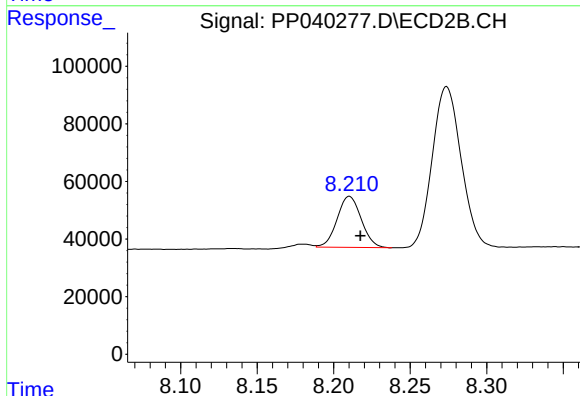
R.T.: 8.774 min
Delta R.T.: -0.006 min
Response: 224706
Conc: 248.14 ng/ml



#41 AR-1268-1

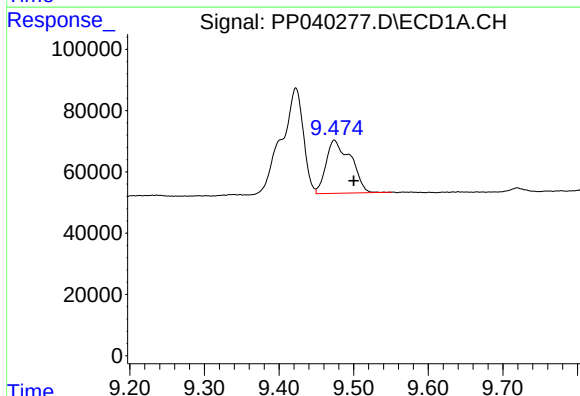
R.T.: 9.422 min
Delta R.T.: 0.019 min
Response: 707157
Conc: 239.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



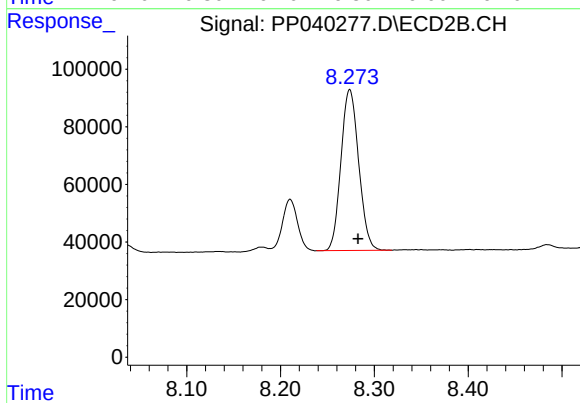
#41 AR-1268-1

R.T.: 8.210 min
Delta R.T.: -0.007 min
Response: 195202
Conc: 72.34 ng/ml



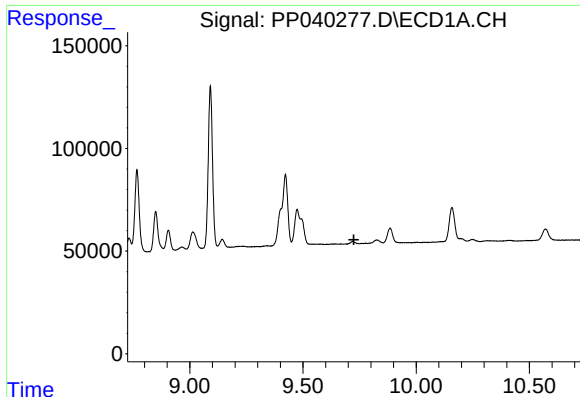
#42 AR-1268-2

R.T.: 9.474 min
Delta R.T.: -0.026 min
Response: 398466
Conc: 141.13 ng/ml



#42 AR-1268-2

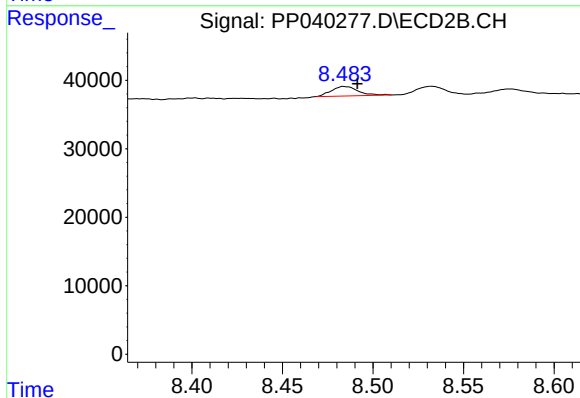
R.T.: 8.274 min
Delta R.T.: -0.009 min
Response: 734094
Conc: 293.20 ng/ml



#43 AR-1268-3

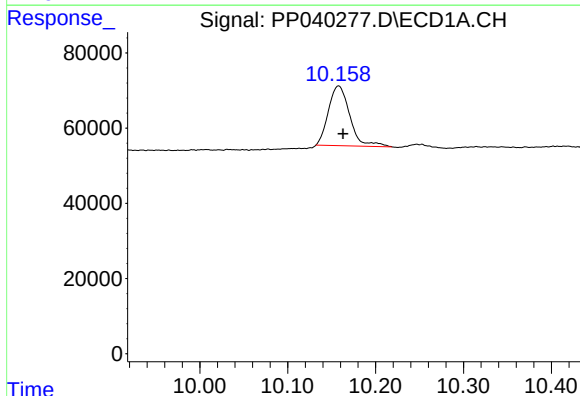
R.T.: 0.000 min
Exp R.T.: 9.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



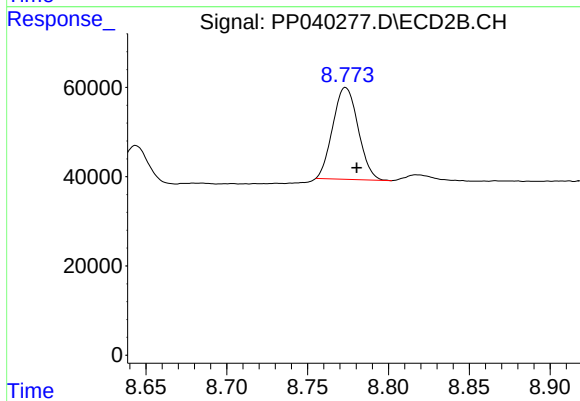
#43 AR-1268-3

R.T.: 8.484 min
Delta R.T.: -0.007 min
Response: 14203
Conc: 6.49 ng/ml



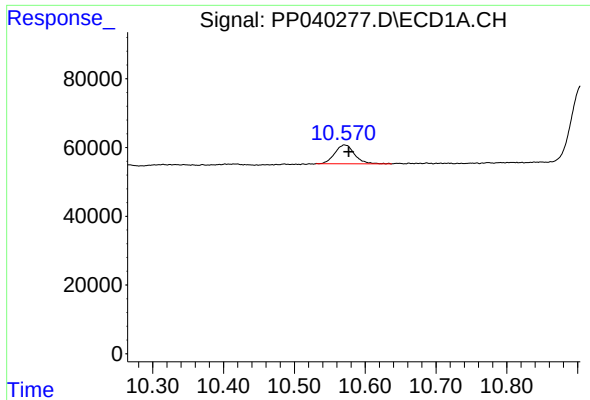
#44 AR-1268-4

R.T.: 10.158 min
Delta R.T.: -0.005 min
Response: 267795
Conc: 259.84 ng/ml



#44 AR-1268-4

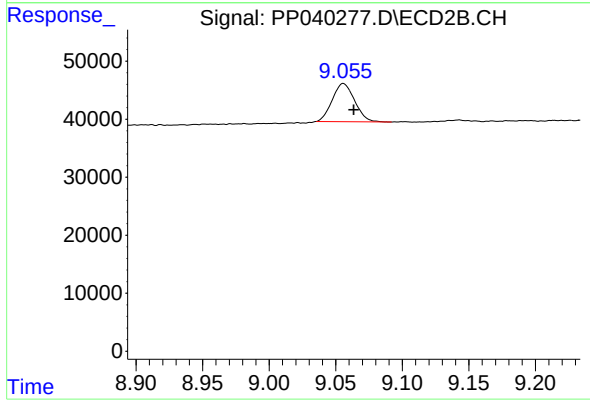
R.T.: 8.774 min
Delta R.T.: -0.007 min
Response: 224706
Conc: 226.60 ng/ml



#45 AR-1268-5

R.T.: 10.571 min
Delta R.T.: -0.006 min
Response: 105815
Conc: 12.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.056 min
Delta R.T.: -0.008 min
Response: 77278
Conc: 10.84 ng/ml