

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102021\
 Data File : PP040292.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Oct 2021 1:26
 Operator : AJ\MA
 Sample : PB140071BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 02:20:38 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	681799	357601	22.451	21.152
2)	SA Decachlor...	10.907	9.303	582003	488489	23.547	23.017
Target Compounds							
3)	L1 AR-1016-1	6.214	5.240	471654	288136	477.667	441.519
4)	L1 AR-1016-2	6.237	5.261	720019	408080	503.865	446.363
5)	L1 AR-1016-3	6.303	5.454	444976	221072	510.605	436.970
6)	L1 AR-1016-4	6.411	5.506	358291	178702	503.542	436.441
7)	L1 AR-1016-5	6.726	5.736	336924	233055	526.775	465.493
8)	L2 AR-1221-1	5.137	4.236	62802	26103	180.334	127.551 #
9)	L2 AR-1221-2	5.240	4.337	54457	36600	244.429	217.588
10)	L2 AR-1221-3	5.328	4.426	266852	173947	331.006	321.207
11)	L3 AR-1232-1	5.328	4.426	266852	173947	428.852	428.272
12)	L3 AR-1232-2	5.917	5.261	387649	408080	1129.453	1043.856
13)	L3 AR-1232-3	6.237	5.454	720019	221072	1139.110	1067.278
14)	L3 AR-1232-4	6.411	5.550	358291	224024	1142.392	1183.991
15)	L3 AR-1232-5	6.508	5.736	301791	233055	1287.004	1128.809
16)	L4 AR-1242-1	6.214	5.240	471654	288136	600.694	579.074
17)	L4 AR-1242-2	6.237	5.261	720019	408080	634.773	597.483
18)	L4 AR-1242-3	6.303	5.454	444976	221072	640.245	585.940
19)	L4 AR-1242-4	6.411	5.550	358291	224024	621.825	604.772
20)	L4 AR-1242-5	7.196	6.117	40273	186831	77.004	391.709 #
21)	L5 AR-1248-1	6.214	5.240	471654	288136	764.557	739.042
22)	L5 AR-1248-2	6.508	5.506	301791	178702	376.996	332.470
23)	L5 AR-1248-3	6.726	5.550	336924	224024	375.758	396.299
24)	L5 AR-1248-4	7.155	5.736	44223	233055	48.056	364.683 #
25)	L5 AR-1248-5	7.196	6.160	40273	28817	45.527	46.194
26)	L6 AR-1254-1	7.124	6.117	231508	186831	249.525	195.017
27)	L6 AR-1254-2	7.354	6.277	232508	182594	167.952	206.882
28)	L6 AR-1254-3	7.737	6.717	128480	322195	90.183	236.322 #
29)	L6 AR-1254-4	8.032	6.939	77491	37277	73.230	43.461 #
30)	L6 AR-1254-5	8.462	7.370	781916	656041	668.967	508.240
31)	L7 AR-1260-1	7.904	6.837	536944	469355	491.532	468.587
32)	L7 AR-1260-2	8.170	7.034	620411	556887	453.926	470.301
33)	L7 AR-1260-3	8.537	7.190	413766	517754	454.065	438.215
34)	L7 AR-1260-4	8.768	7.675	503895	398449	477.396	453.340
35)	L7 AR-1260-5	9.092	7.923	959417	919609	463.294	449.972
36)	L8 AR-1262-1	8.537	7.370	413766	656041	303.423	933.903 #
37)	L8 AR-1262-2	9.092	7.923	959417	919609	386.881	408.639
38)	L8 AR-1262-3	9.422f	8.211	658546	186129	572.601	191.120 #
39)	L8 AR-1262-4	9.475f	8.274	373692	689248	457.348	388.788
40)	L8 AR-1262-5	10.160	8.774	246649	213864	259.601	236.166
41)	L9 AR-1268-1	9.422f	8.211	658546	186129	223.005	68.980 #

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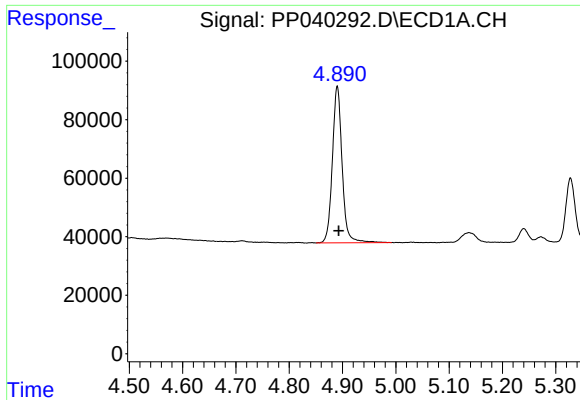
Instrument :
 ECD_P
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.475f	8.274	373692	689248	132.358	275.289 #
43) L9	AR-1268-3	0.000	8.483	0	13994	N.D.	6.391 #
44) L9	AR-1268-4	10.160	8.774	246649	213864	239.322	215.669
45) L9	AR-1268-5	10.572	9.057	99336	74600	11.549	10.464

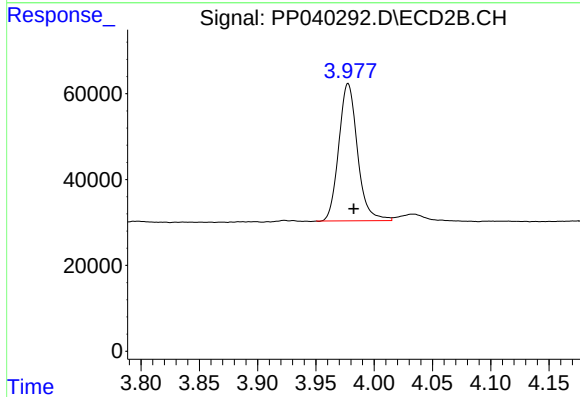
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

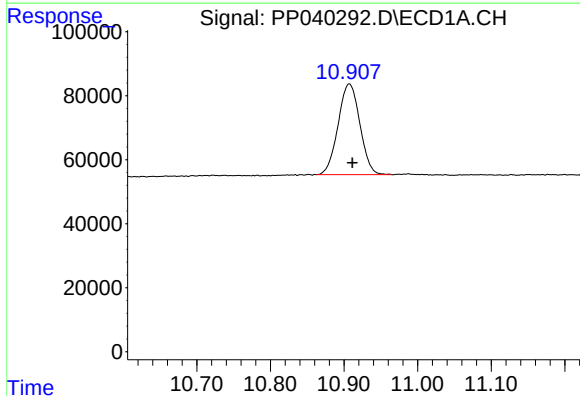
R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 681799
Conc: 22.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



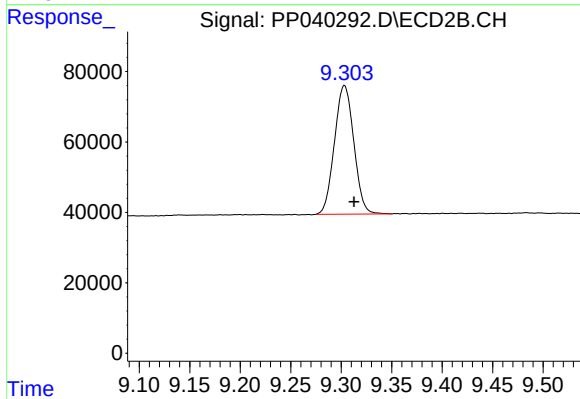
#1 Tetrachloro-m-xylene

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 357601
Conc: 21.15 ng/ml



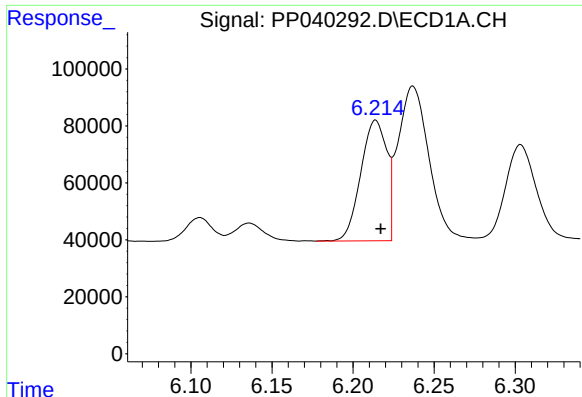
#2 Decachlorobiphenyl

R.T.: 10.907 min
Delta R.T.: -0.004 min
Response: 582003
Conc: 23.55 ng/ml



#2 Decachlorobiphenyl

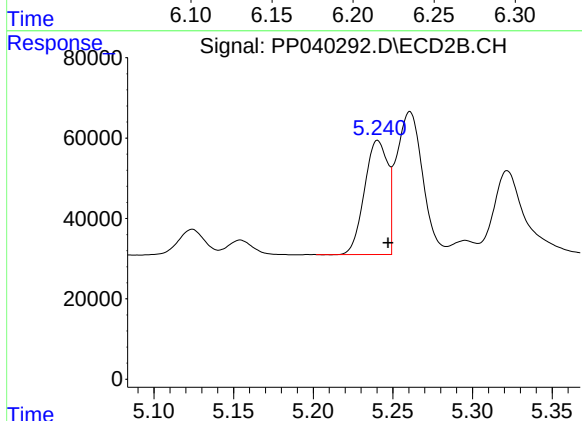
R.T.: 9.303 min
Delta R.T.: -0.009 min
Response: 488489
Conc: 23.02 ng/ml



#3 AR-1016-1

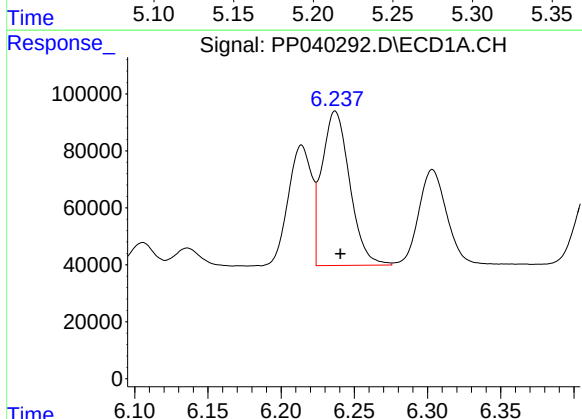
R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 471654
Conc: 477.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



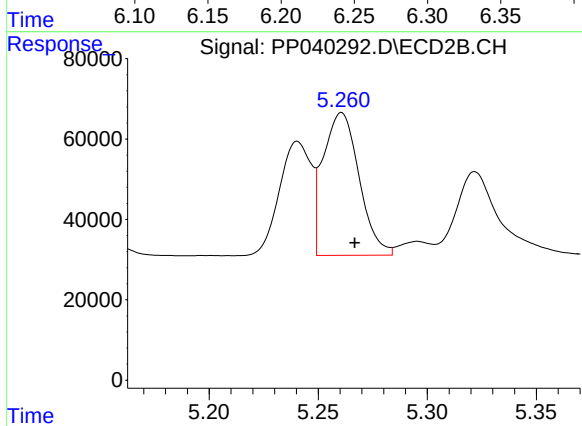
#3 AR-1016-1

R.T.: 5.240 min
Delta R.T.: -0.006 min
Response: 288136
Conc: 441.52 ng/ml



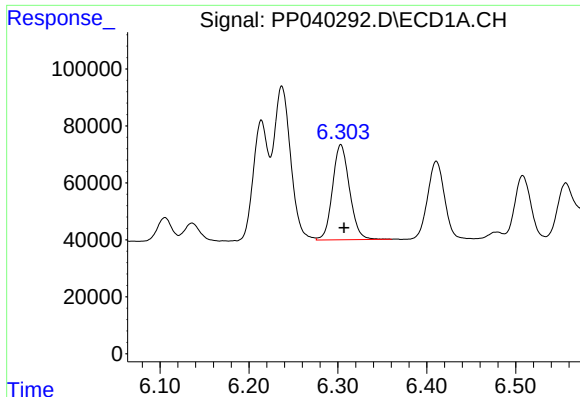
#4 AR-1016-2

R.T.: 6.237 min
Delta R.T.: -0.003 min
Response: 720019
Conc: 503.86 ng/ml



#4 AR-1016-2

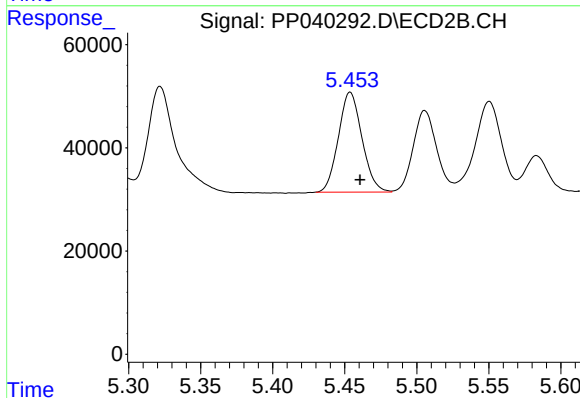
R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 408080
Conc: 446.36 ng/ml



#5 AR-1016-3

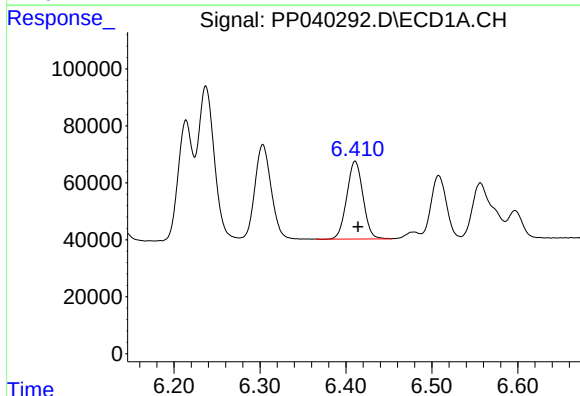
R.T.: 6.303 min
Delta R.T.: -0.004 min
Response: 444976
Conc: 510.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



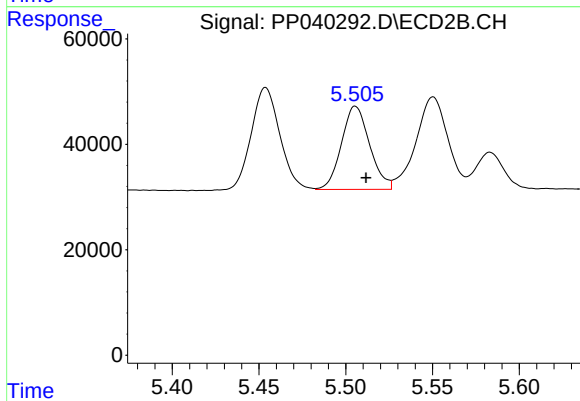
#5 AR-1016-3

R.T.: 5.454 min
Delta R.T.: -0.007 min
Response: 221072
Conc: 436.97 ng/ml



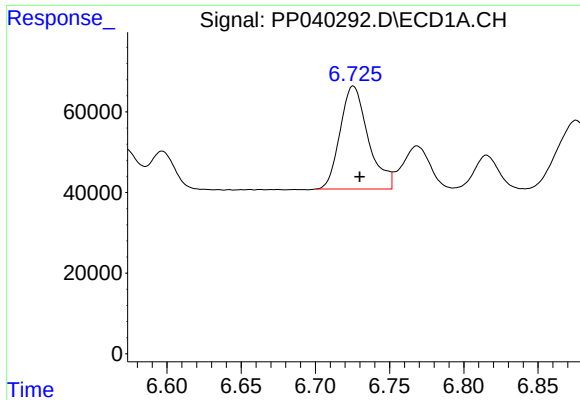
#6 AR-1016-4

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 358291
Conc: 503.54 ng/ml



#6 AR-1016-4

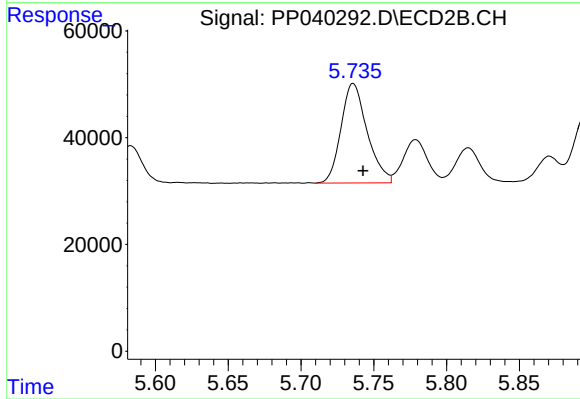
R.T.: 5.506 min
Delta R.T.: -0.006 min
Response: 178702
Conc: 436.44 ng/ml



#7 AR-1016-5

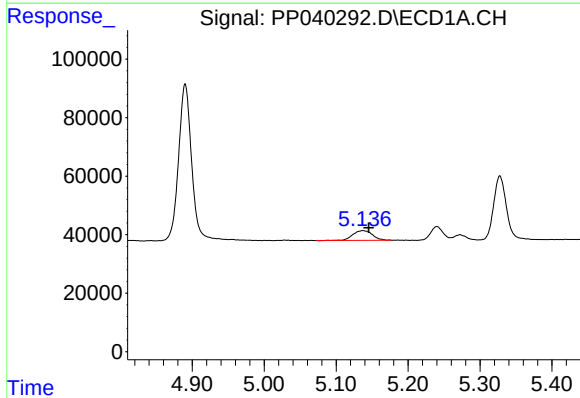
R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 336924
Conc: 526.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



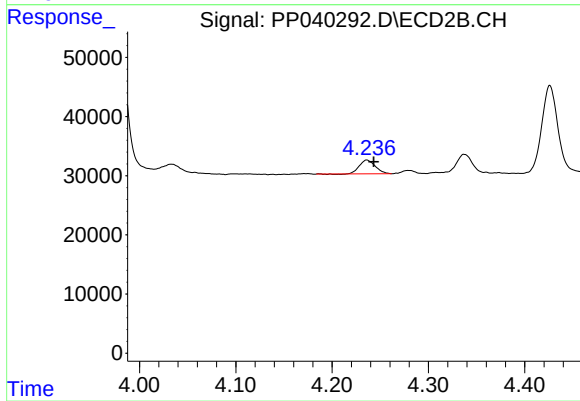
#7 AR-1016-5

R.T.: 5.736 min
Delta R.T.: -0.007 min
Response: 233055
Conc: 465.49 ng/ml



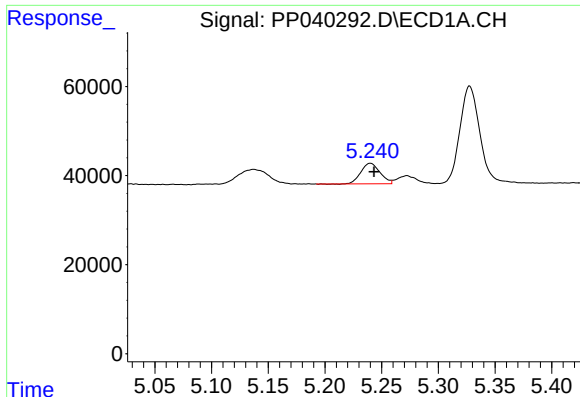
#8 AR-1221-1

R.T.: 5.137 min
Delta R.T.: -0.008 min
Response: 62802
Conc: 180.33 ng/ml



#8 AR-1221-1

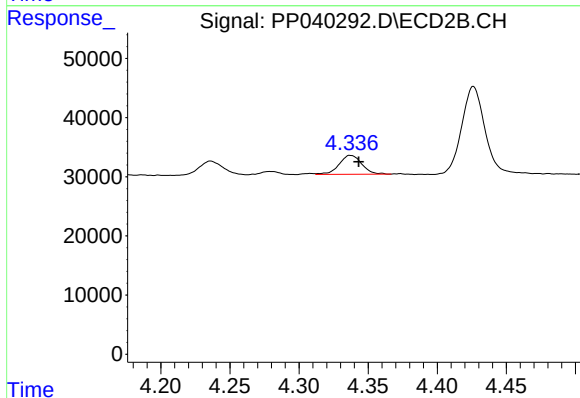
R.T.: 4.236 min
Delta R.T.: -0.007 min
Response: 26103
Conc: 127.55 ng/ml



#9 AR-1221-2

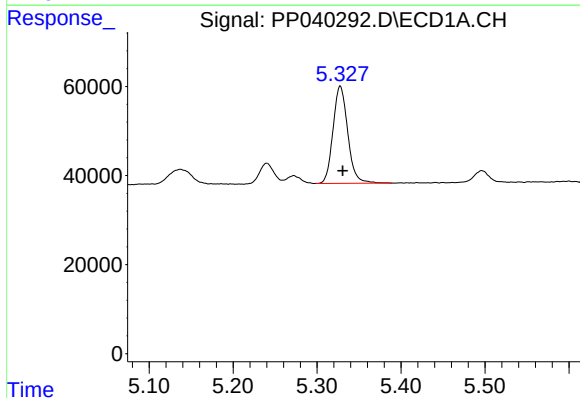
R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 54457
Conc: 244.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



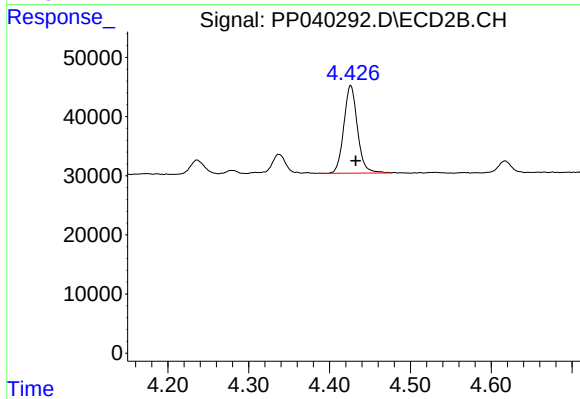
#9 AR-1221-2

R.T.: 4.337 min
Delta R.T.: -0.006 min
Response: 36600
Conc: 217.59 ng/ml



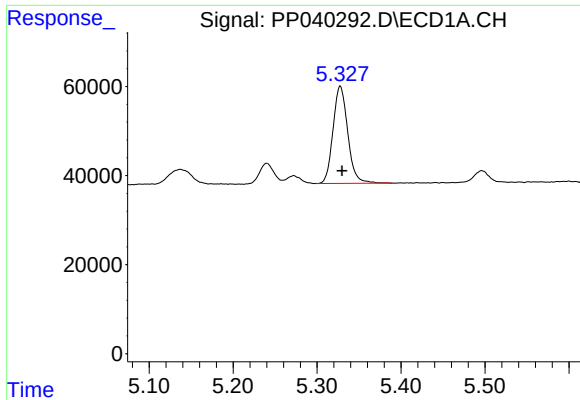
#10 AR-1221-3

R.T.: 5.328 min
Delta R.T.: -0.003 min
Response: 266852
Conc: 331.01 ng/ml



#10 AR-1221-3

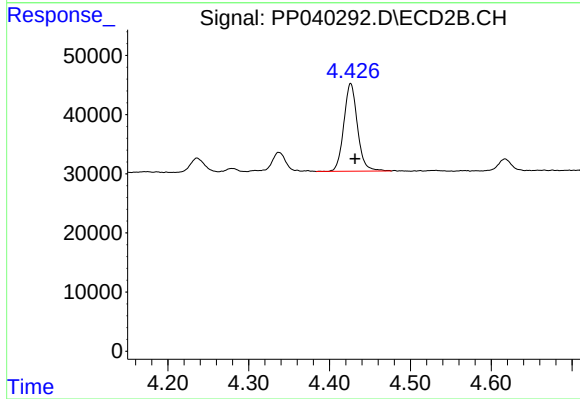
R.T.: 4.426 min
Delta R.T.: -0.006 min
Response: 173947
Conc: 321.21 ng/ml



#11 AR-1232-1

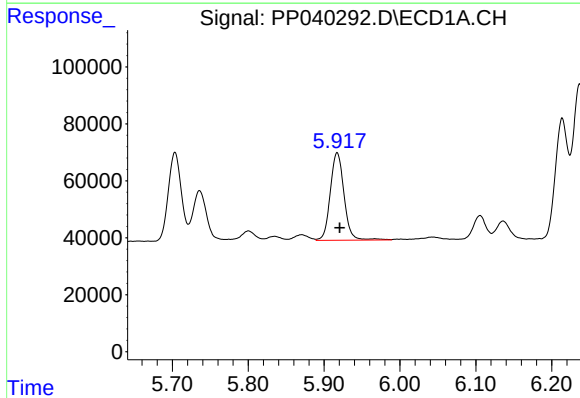
R.T.: 5.328 min
Delta R.T.: -0.002 min
Response: 266852
Conc: 428.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



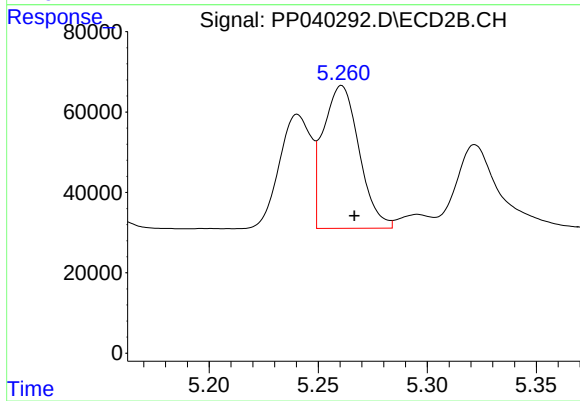
#11 AR-1232-1

R.T.: 4.426 min
Delta R.T.: -0.006 min
Response: 173947
Conc: 428.27 ng/ml



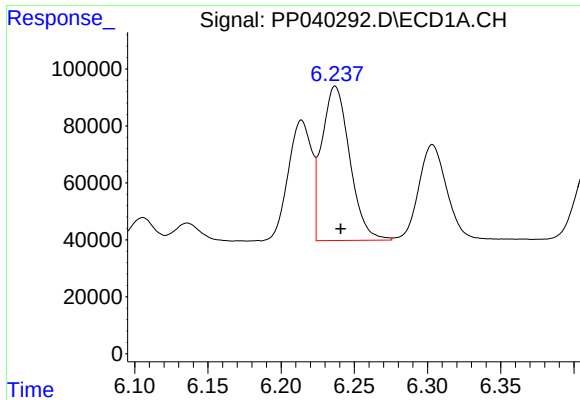
#12 AR-1232-2

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 387649
Conc: 1129.45 ng/ml



#12 AR-1232-2

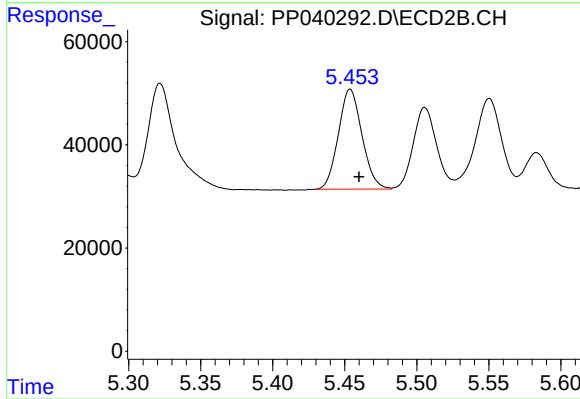
R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 408080
Conc: 1043.86 ng/ml



#13 AR-1232-3

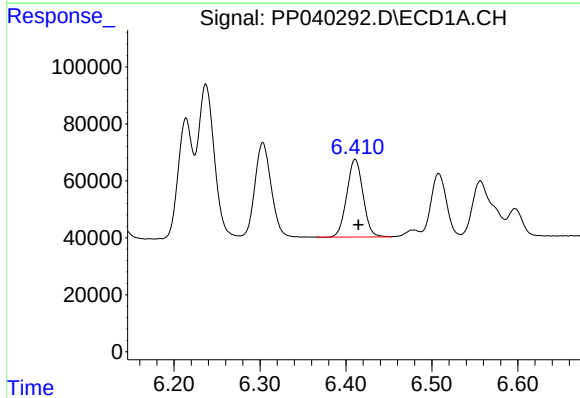
R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 720019
Conc: 1139.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



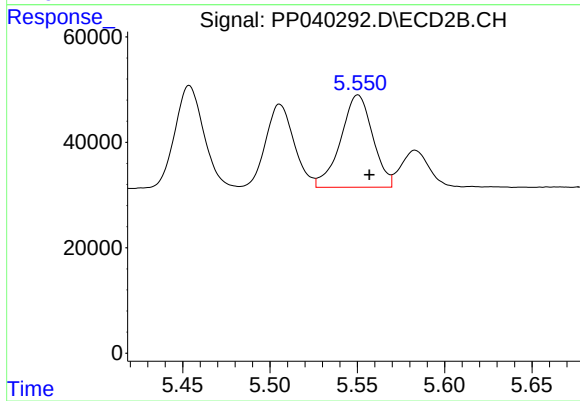
#13 AR-1232-3

R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 221072
Conc: 1067.28 ng/ml



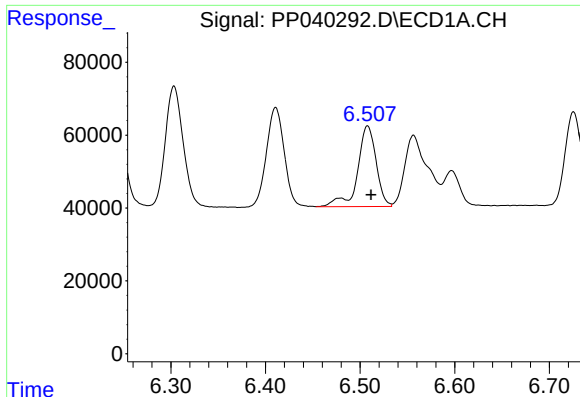
#14 AR-1232-4

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 358291
Conc: 1142.39 ng/ml



#14 AR-1232-4

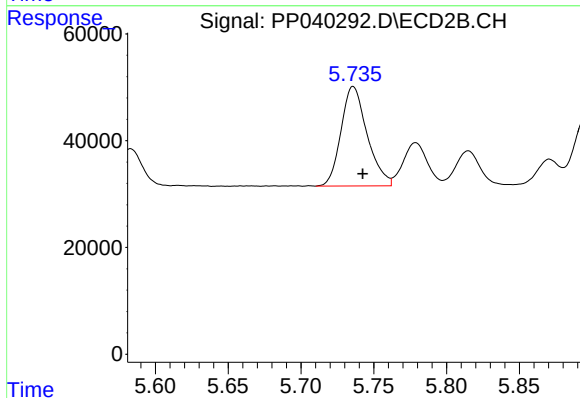
R.T.: 5.550 min
Delta R.T.: -0.007 min
Response: 224024
Conc: 1183.99 ng/ml



#15 AR-1232-5

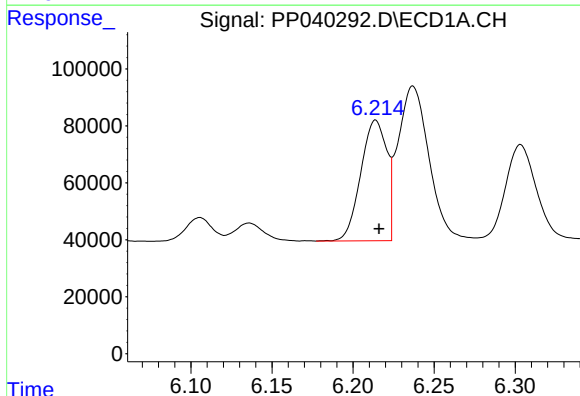
R.T.: 6.508 min
Delta R.T.: -0.003 min
Response: 301791
Conc: 1287.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



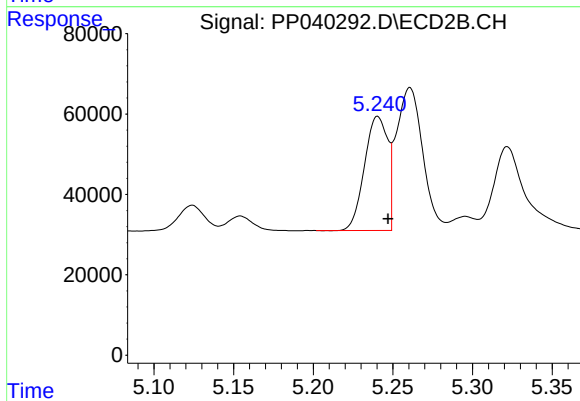
#15 AR-1232-5

R.T.: 5.736 min
Delta R.T.: -0.007 min
Response: 233055
Conc: 1128.81 ng/ml



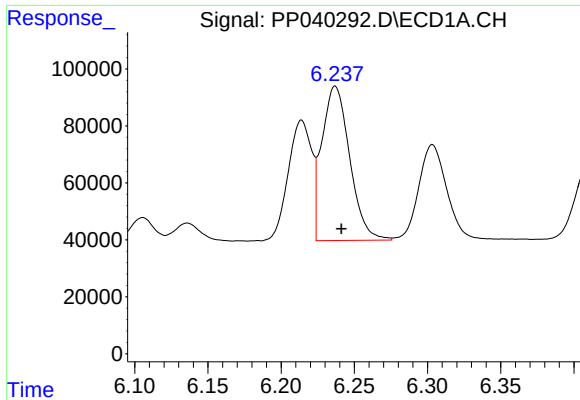
#16 AR-1242-1

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 471654
Conc: 600.69 ng/ml



#16 AR-1242-1

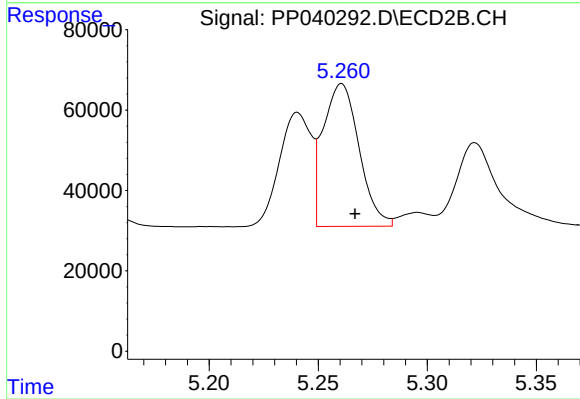
R.T.: 5.240 min
Delta R.T.: -0.006 min
Response: 288136
Conc: 579.07 ng/ml



#17 AR-1242-2

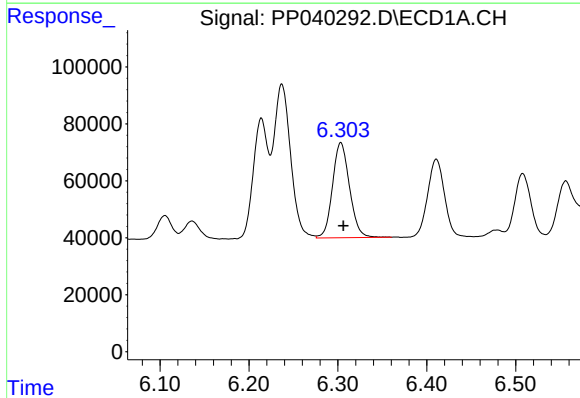
R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 720019
Conc: 634.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



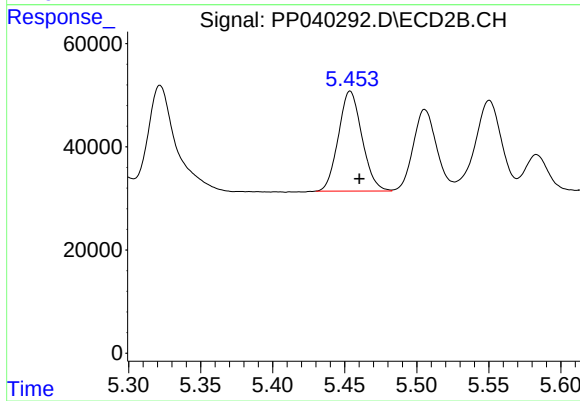
#17 AR-1242-2

R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 408080
Conc: 597.48 ng/ml



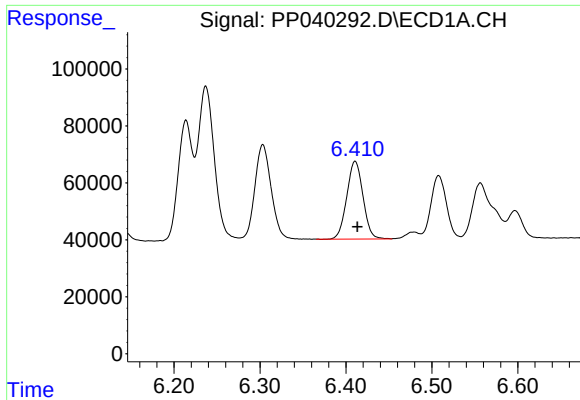
#18 AR-1242-3

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 444976
Conc: 640.24 ng/ml



#18 AR-1242-3

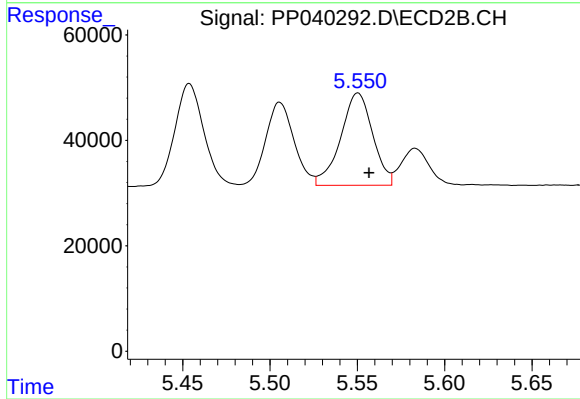
R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 221072
Conc: 585.94 ng/ml



#19 AR-1242-4

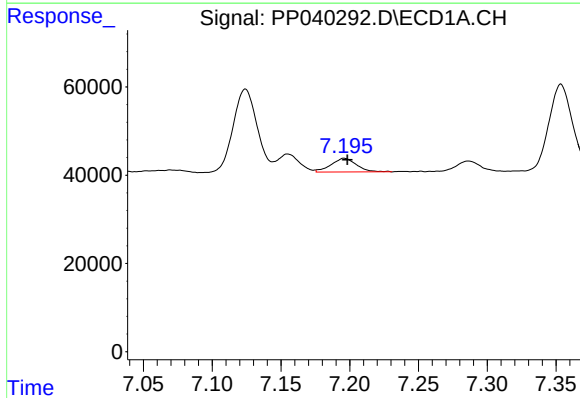
R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 358291
Conc: 621.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



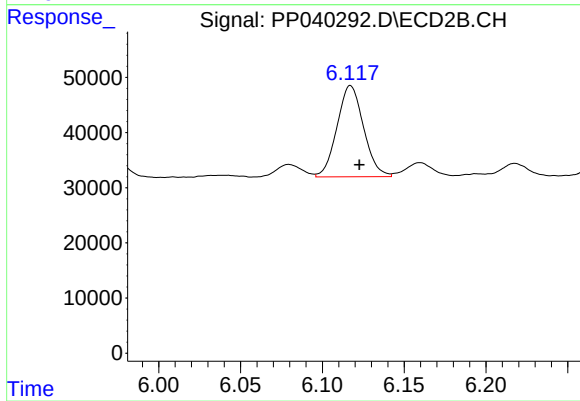
#19 AR-1242-4

R.T.: 5.550 min
Delta R.T.: -0.006 min
Response: 224024
Conc: 604.77 ng/ml



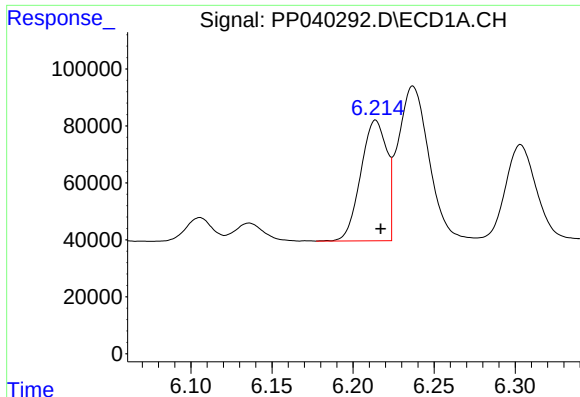
#20 AR-1242-5

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 40273
Conc: 77.00 ng/ml



#20 AR-1242-5

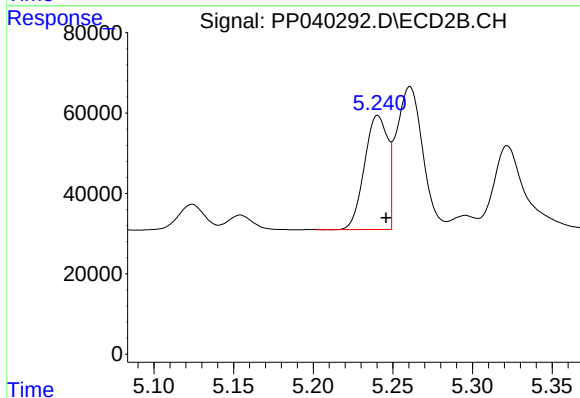
R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 186831
Conc: 391.71 ng/ml



#21 AR-1248-1

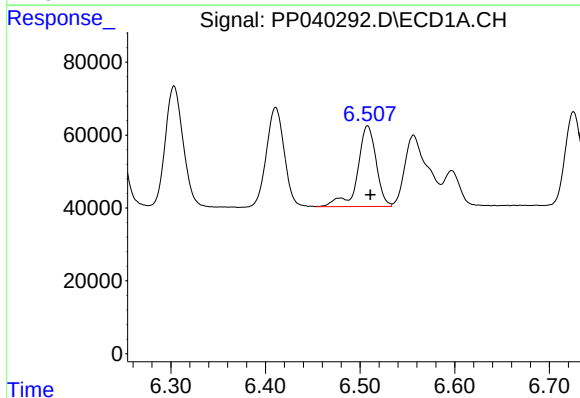
R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 471654
Conc: 764.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



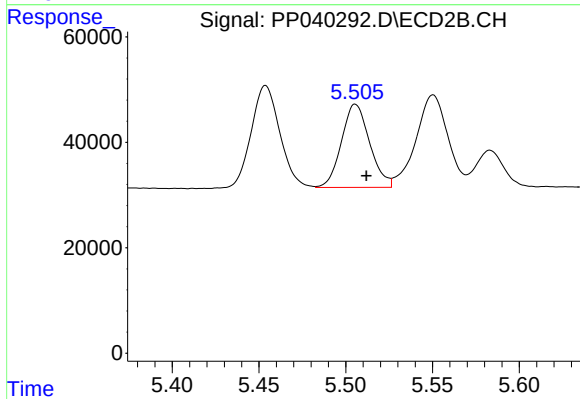
#21 AR-1248-1

R.T.: 5.240 min
Delta R.T.: -0.005 min
Response: 288136
Conc: 739.04 ng/ml



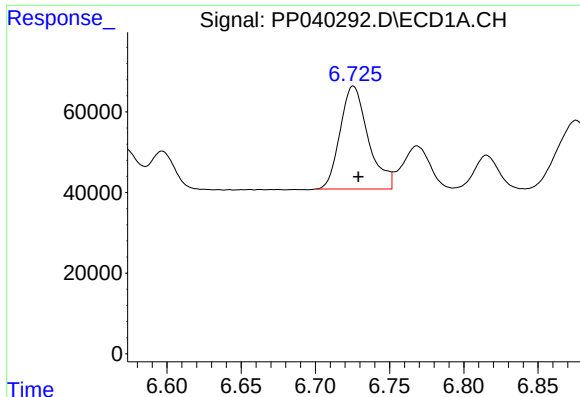
#22 AR-1248-2

R.T.: 6.508 min
Delta R.T.: -0.003 min
Response: 301791
Conc: 377.00 ng/ml



#22 AR-1248-2

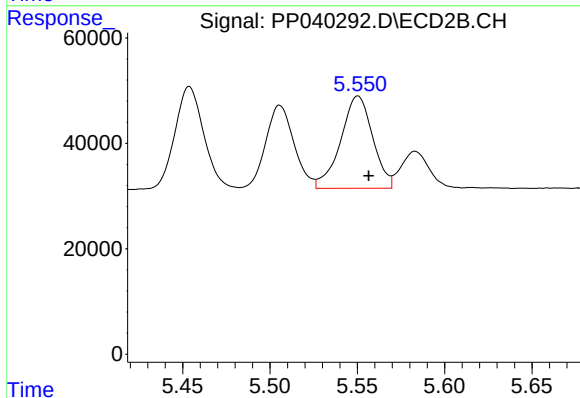
R.T.: 5.506 min
Delta R.T.: -0.006 min
Response: 178702
Conc: 332.47 ng/ml



#23 AR-1248-3

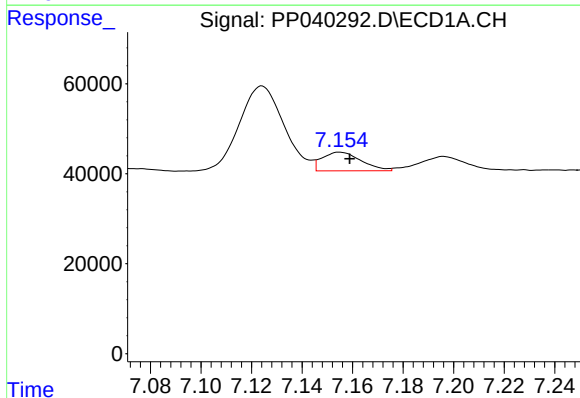
R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 336924
Conc: 375.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



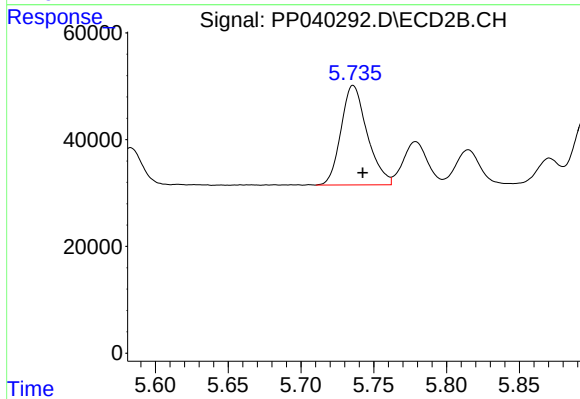
#23 AR-1248-3

R.T.: 5.550 min
Delta R.T.: -0.006 min
Response: 224024
Conc: 396.30 ng/ml



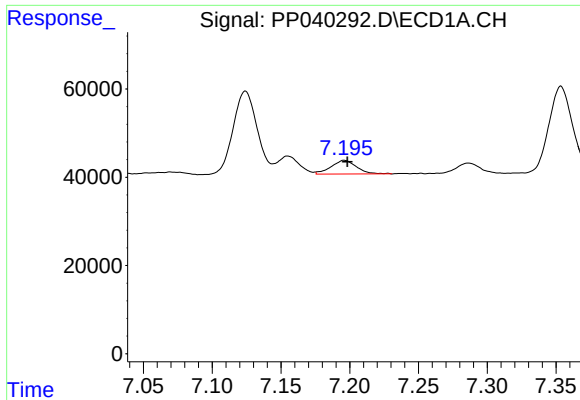
#24 AR-1248-4

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 44223
Conc: 48.06 ng/ml



#24 AR-1248-4

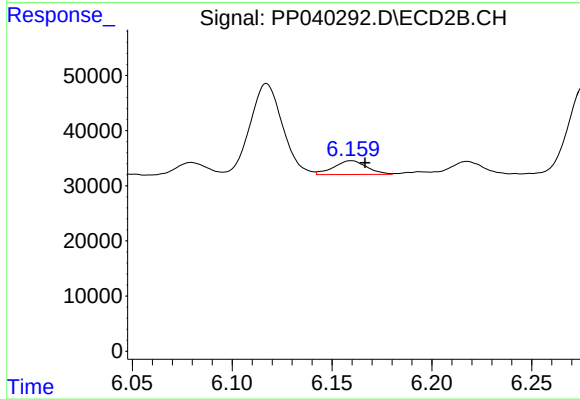
R.T.: 5.736 min
Delta R.T.: -0.006 min
Response: 233055
Conc: 364.68 ng/ml



#25 AR-1248-5

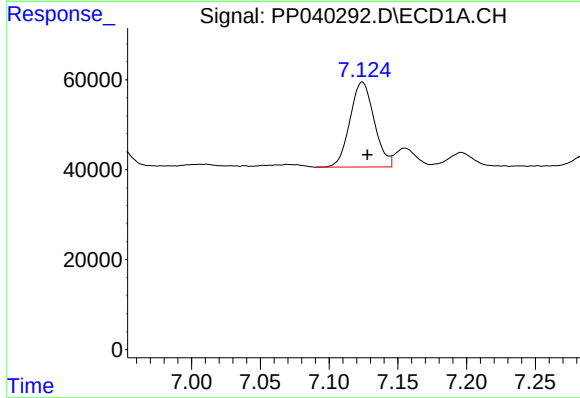
R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 40273
Conc: 45.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



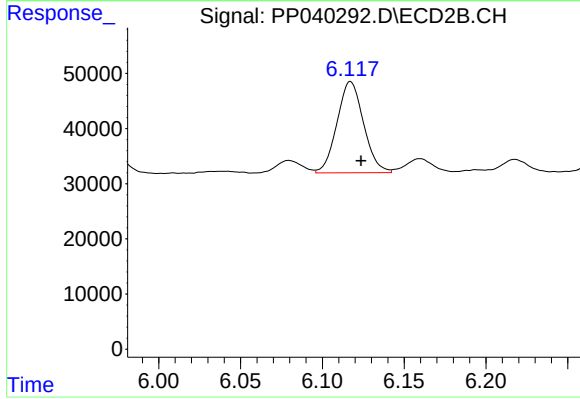
#25 AR-1248-5

R.T.: 6.160 min
Delta R.T.: -0.007 min
Response: 28817
Conc: 46.19 ng/ml



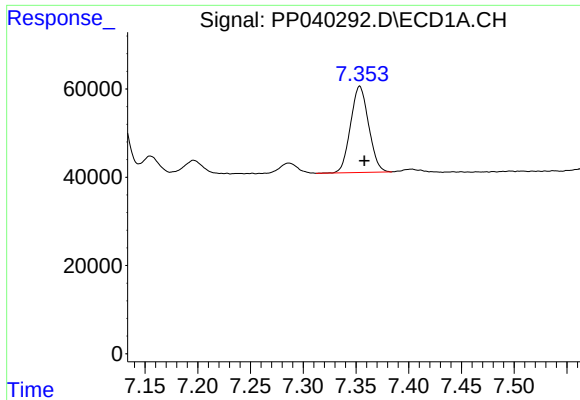
#26 AR-1254-1

R.T.: 7.124 min
Delta R.T.: -0.004 min
Response: 231508
Conc: 249.52 ng/ml



#26 AR-1254-1

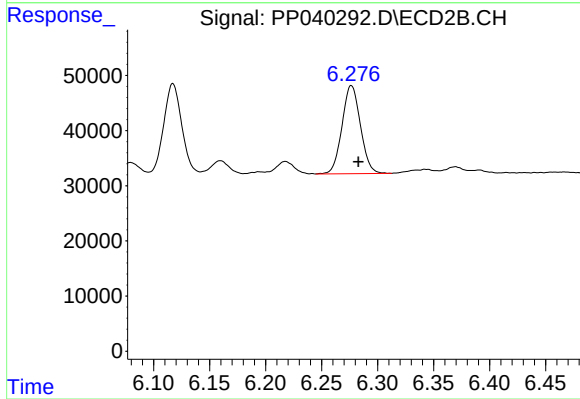
R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 186831
Conc: 195.02 ng/ml



#27 AR-1254-2

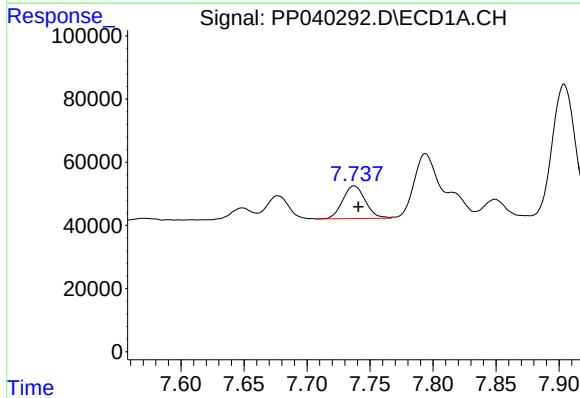
R.T.: 7.354 min
Delta R.T.: -0.004 min
Response: 232508
Conc: 167.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



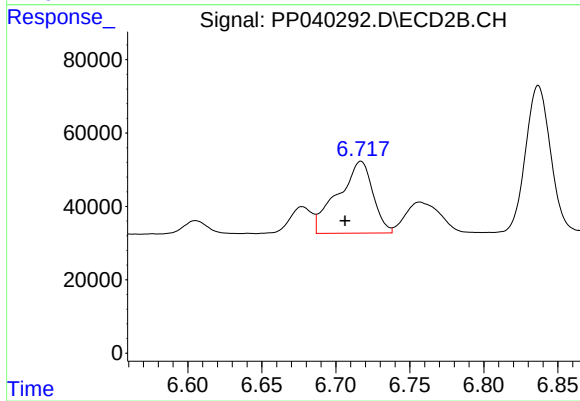
#27 AR-1254-2

R.T.: 6.277 min
Delta R.T.: -0.006 min
Response: 182594
Conc: 206.88 ng/ml



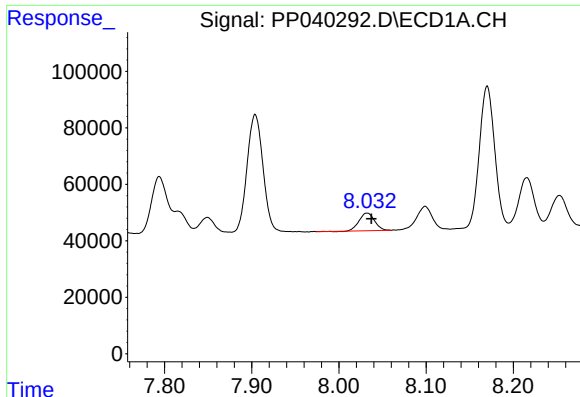
#28 AR-1254-3

R.T.: 7.737 min
Delta R.T.: -0.003 min
Response: 128480
Conc: 90.18 ng/ml



#28 AR-1254-3

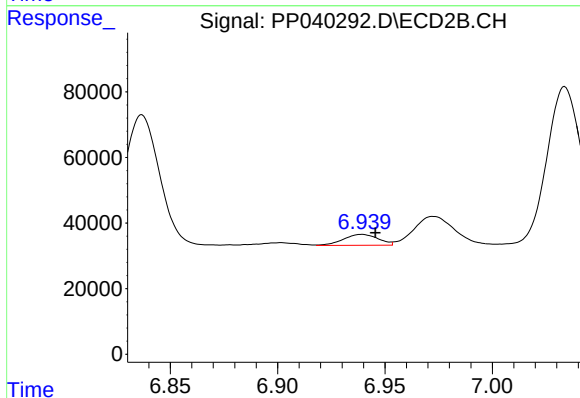
R.T.: 6.717 min
Delta R.T.: 0.011 min
Response: 322195
Conc: 236.32 ng/ml



#29 AR-1254-4

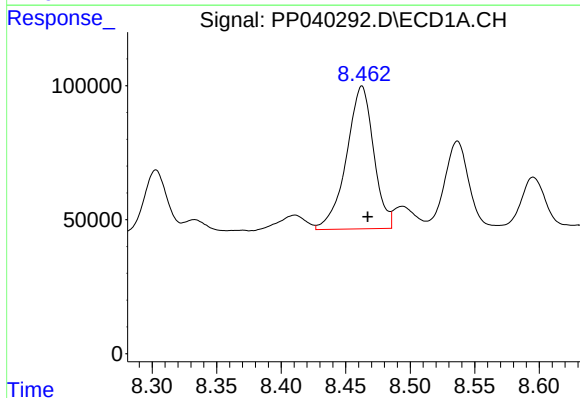
R.T.: 8.032 min
Delta R.T.: -0.005 min
Response: 77491
Conc: 73.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



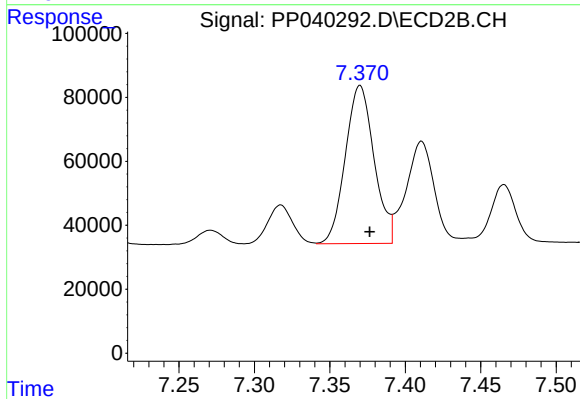
#29 AR-1254-4

R.T.: 6.939 min
Delta R.T.: -0.006 min
Response: 37277
Conc: 43.46 ng/ml



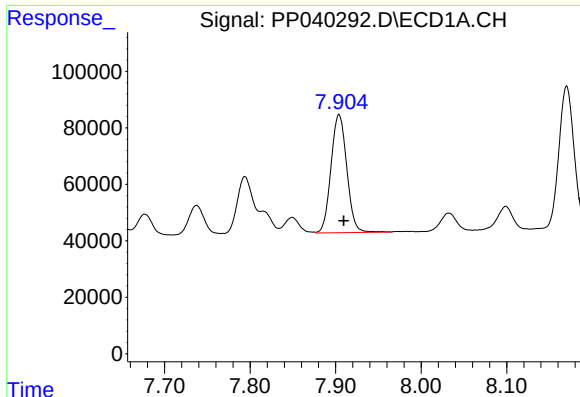
#30 AR-1254-5

R.T.: 8.462 min
Delta R.T.: -0.005 min
Response: 781916
Conc: 668.97 ng/ml



#30 AR-1254-5

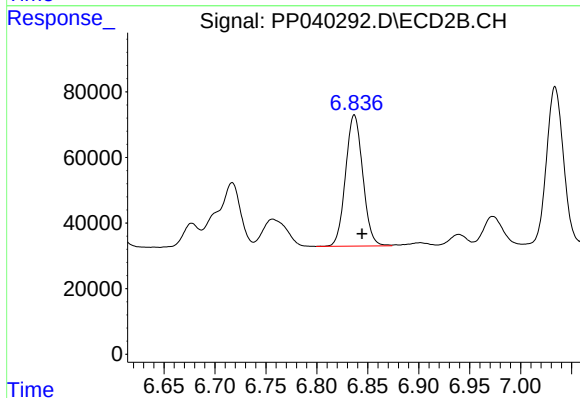
R.T.: 7.370 min
Delta R.T.: -0.006 min
Response: 656041
Conc: 508.24 ng/ml



#31 AR-1260-1

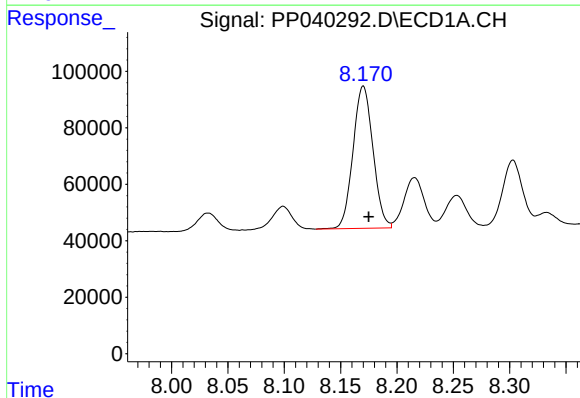
R.T.: 7.904 min
Delta R.T.: -0.005 min
Response: 536944
Conc: 491.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



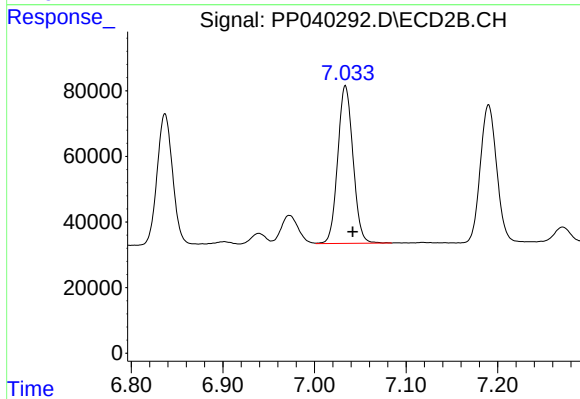
#31 AR-1260-1

R.T.: 6.837 min
Delta R.T.: -0.008 min
Response: 469355
Conc: 468.59 ng/ml



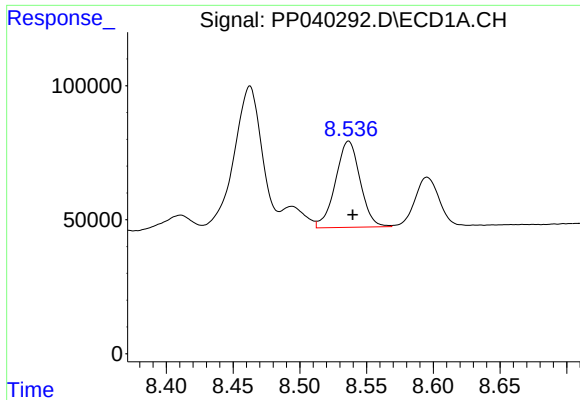
#32 AR-1260-2

R.T.: 8.170 min
Delta R.T.: -0.005 min
Response: 620411
Conc: 453.93 ng/ml



#32 AR-1260-2

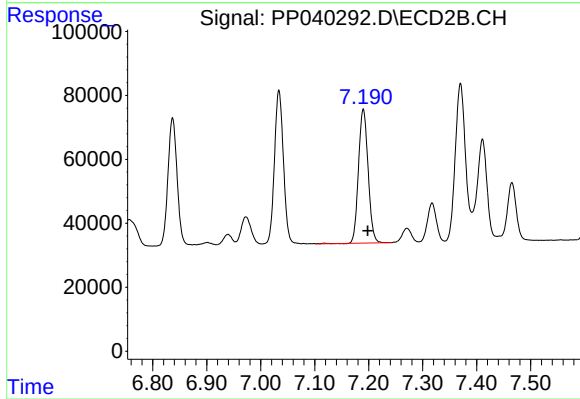
R.T.: 7.034 min
Delta R.T.: -0.008 min
Response: 556887
Conc: 470.30 ng/ml



#33 AR-1260-3

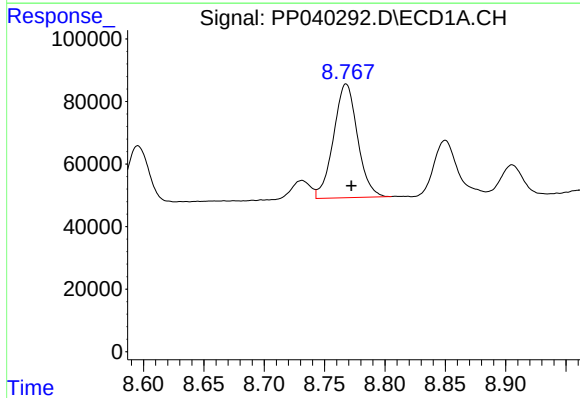
R.T.: 8.537 min
Delta R.T.: -0.003 min
Response: 413766
Conc: 454.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



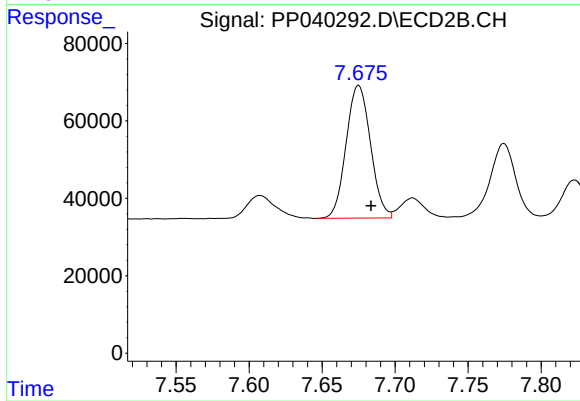
#33 AR-1260-3

R.T.: 7.190 min
Delta R.T.: -0.008 min
Response: 517754
Conc: 438.22 ng/ml



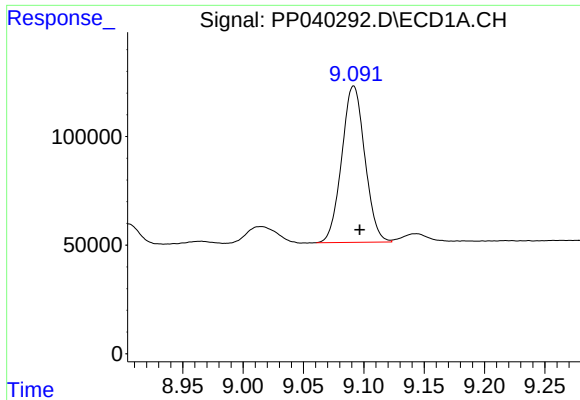
#34 AR-1260-4

R.T.: 8.768 min
Delta R.T.: -0.004 min
Response: 503895
Conc: 477.40 ng/ml



#34 AR-1260-4

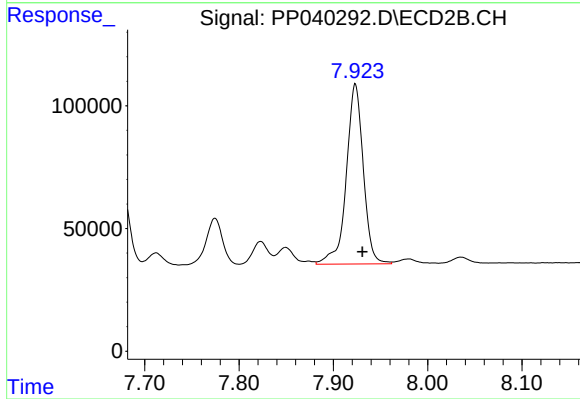
R.T.: 7.675 min
Delta R.T.: -0.008 min
Response: 398449
Conc: 453.34 ng/ml



#35 AR-1260-5

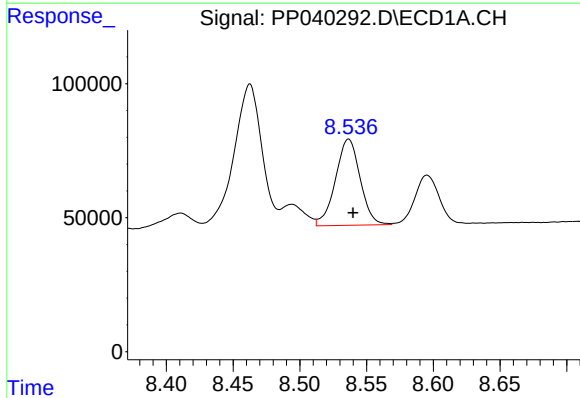
R.T.: 9.092 min
Delta R.T.: -0.005 min
Response: 959417
Conc: 463.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



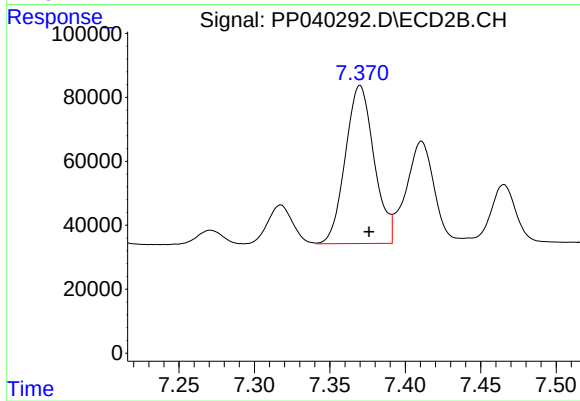
#35 AR-1260-5

R.T.: 7.923 min
Delta R.T.: -0.008 min
Response: 919609
Conc: 449.97 ng/ml



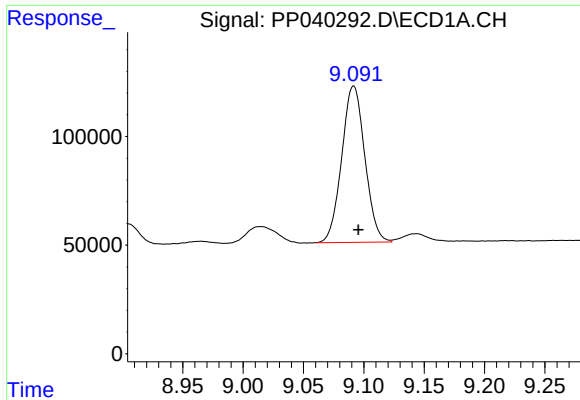
#36 AR-1262-1

R.T.: 8.537 min
Delta R.T.: -0.003 min
Response: 413766
Conc: 303.42 ng/ml



#36 AR-1262-1

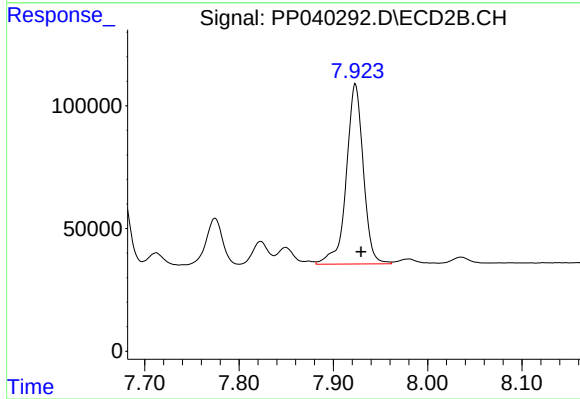
R.T.: 7.370 min
Delta R.T.: -0.006 min
Response: 656041
Conc: 933.90 ng/ml



#37 AR-1262-2

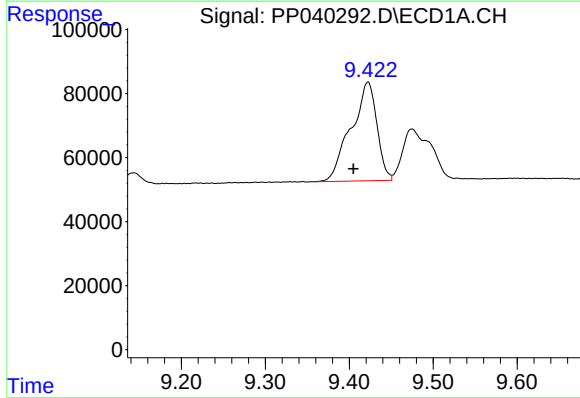
R.T.: 9.092 min
Delta R.T.: -0.004 min
Response: 959417
Conc: 386.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



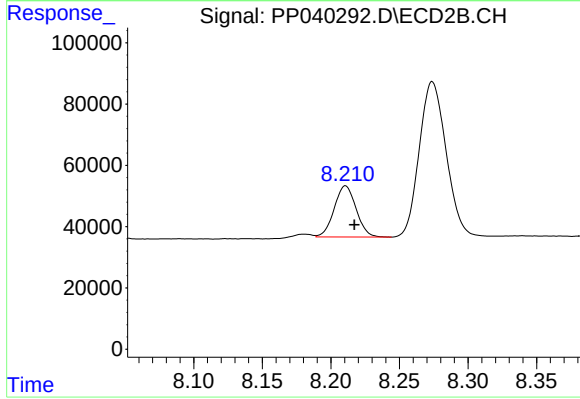
#37 AR-1262-2

R.T.: 7.923 min
Delta R.T.: -0.006 min
Response: 919609
Conc: 408.64 ng/ml



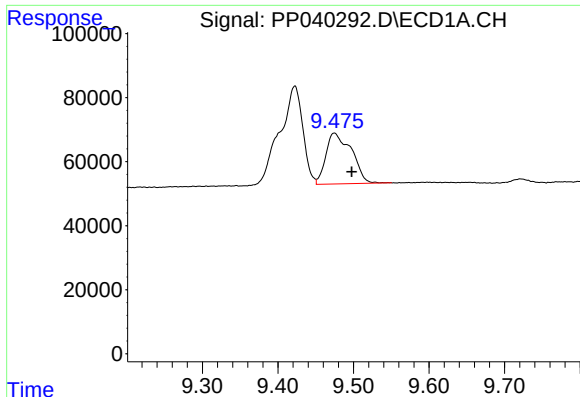
#38 AR-1262-3

R.T.: 9.422 min
Delta R.T.: 0.017 min
Response: 658546
Conc: 572.60 ng/ml



#38 AR-1262-3

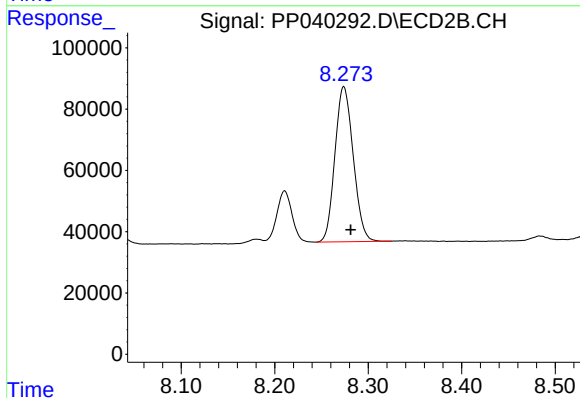
R.T.: 8.211 min
Delta R.T.: -0.006 min
Response: 186129
Conc: 191.12 ng/ml



#39 AR-1262-4

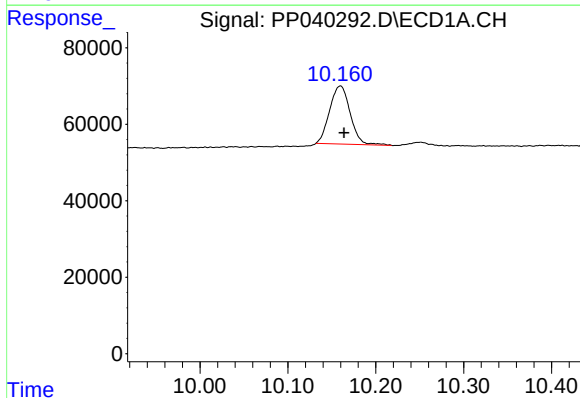
R.T.: 9.475 min
Delta R.T.: -0.023 min
Response: 373692
Conc: 457.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



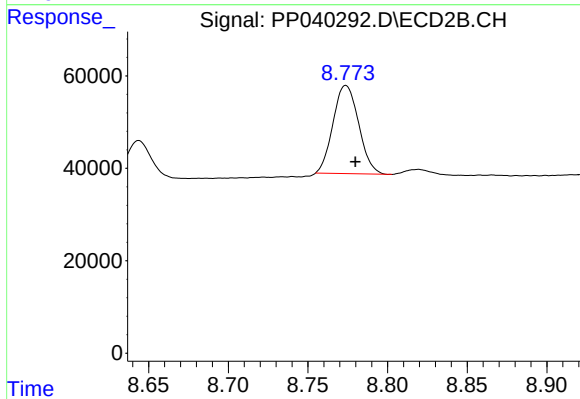
#39 AR-1262-4

R.T.: 8.274 min
Delta R.T.: -0.008 min
Response: 689248
Conc: 388.79 ng/ml



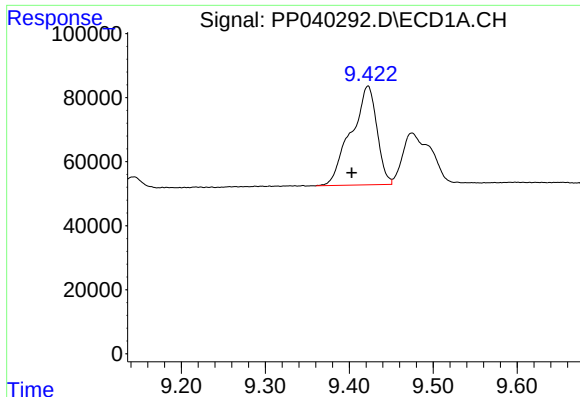
#40 AR-1262-5

R.T.: 10.160 min
Delta R.T.: -0.004 min
Response: 246649
Conc: 259.60 ng/ml



#40 AR-1262-5

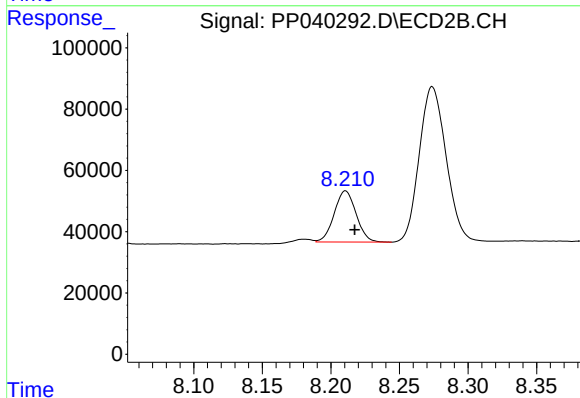
R.T.: 8.774 min
Delta R.T.: -0.006 min
Response: 213864
Conc: 236.17 ng/ml



#41 AR-1268-1

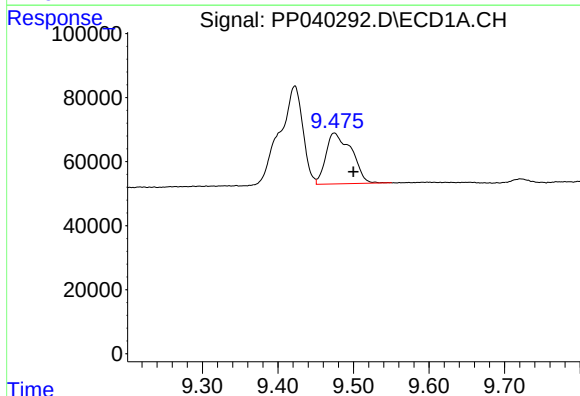
R.T.: 9.422 min
Delta R.T.: 0.019 min
Response: 658546
Conc: 223.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



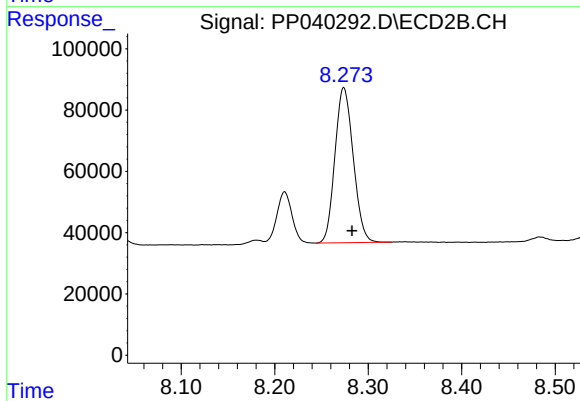
#41 AR-1268-1

R.T.: 8.211 min
Delta R.T.: -0.007 min
Response: 186129
Conc: 68.98 ng/ml



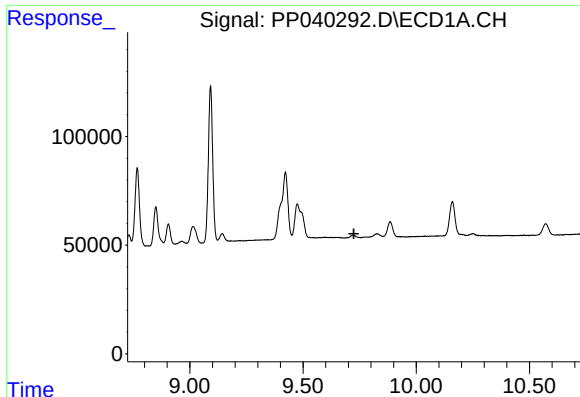
#42 AR-1268-2

R.T.: 9.475 min
Delta R.T.: -0.025 min
Response: 373692
Conc: 132.36 ng/ml



#42 AR-1268-2

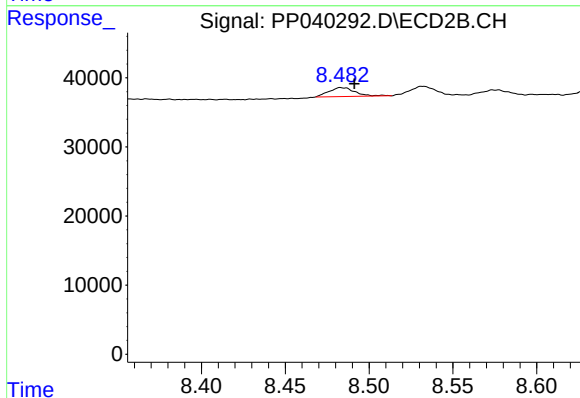
R.T.: 8.274 min
Delta R.T.: -0.009 min
Response: 689248
Conc: 275.29 ng/ml



#43 AR-1268-3

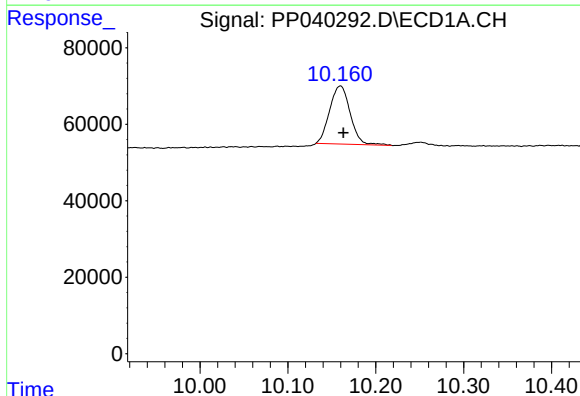
R.T.: 0.000 min
Exp R.T.: 9.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



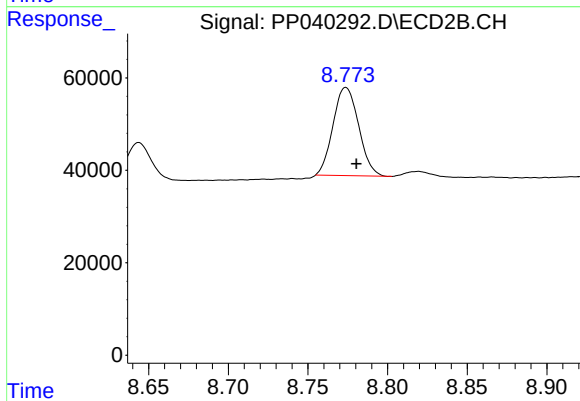
#43 AR-1268-3

R.T.: 8.483 min
Delta R.T.: -0.008 min
Response: 13994
Conc: 6.39 ng/ml



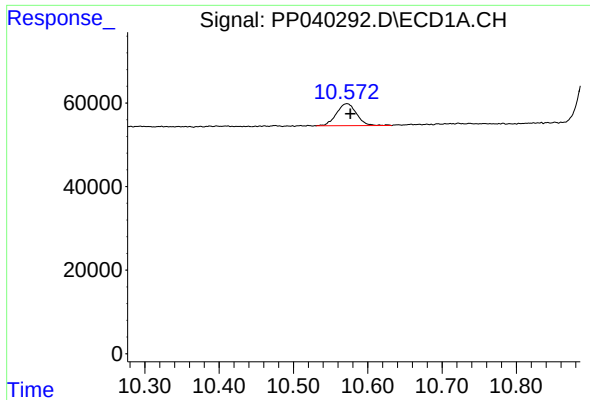
#44 AR-1268-4

R.T.: 10.160 min
Delta R.T.: -0.004 min
Response: 246649
Conc: 239.32 ng/ml



#44 AR-1268-4

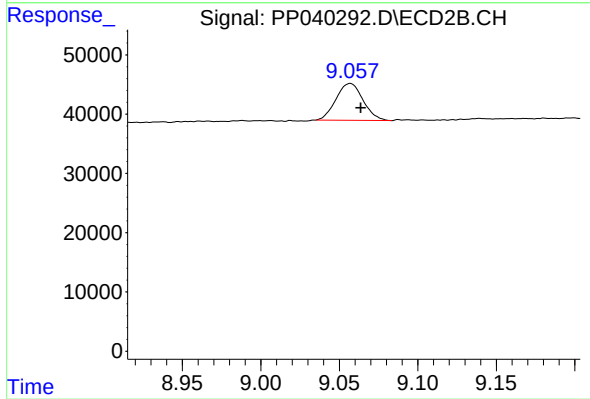
R.T.: 8.774 min
Delta R.T.: -0.007 min
Response: 213864
Conc: 215.67 ng/ml



#45 AR-1268-5

R.T.: 10.572 min
Delta R.T.: -0.005 min
Response: 99336
Conc: 11.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.057 min
Delta R.T.: -0.007 min
Response: 74600
Conc: 10.46 ng/ml