

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061421\
 Data File : PP036449.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Jun 2021 14:10
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 05:42:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jun 12 04:04:46 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...	4.964	3.958	2140445	1536707	50.692	51.160
2)	SA Decachlor...	10.999	9.264	2059153	1586877	57.025	49.672
Target Compounds							
3)	L1 AR-1016-1	6.285	5.214	770561	547095	520.491	513.078
4)	L1 AR-1016-2	6.309	5.234	1081709	759299	507.390	509.094
5)	L1 AR-1016-3	6.375	5.424	694503	418290	523.820	525.562
6)	L1 AR-1016-4	6.482	5.477	585440	327883	514.315	543.804
7)	L1 AR-1016-5	6.797	5.705	576466	422700	565.584	531.732
8)	L2 AR-1221-1	5.208	4.214	76986	54170	154.797	166.450
9)	L2 AR-1221-2	5.313	4.314	113529	78562	294.357	318.030
10)	L2 AR-1221-3	5.400	4.403	420810	292081	368.473	364.165
11)	L3 AR-1232-1	5.400	4.403	420810	292081	454.753	452.733
12)	L3 AR-1232-2	5.990	5.234	568677	759299	1189.562	1235.447
13)	L3 AR-1232-3	6.309	5.424	1081709	418290	1218.424	1329.081
14)	L3 AR-1232-4	6.482	5.522	585440	397757	1219.441	1535.533 #
15)	L3 AR-1232-5	6.579	5.705	460687	422700	1423.498	1445.190
16)	L4 AR-1242-1	6.285	5.214	770561	547095	660.248	658.058
17)	L4 AR-1242-2	6.309	5.234	1081709	759299	652.895	668.382
18)	L4 AR-1242-3	6.375	5.424	694503	418290	666.610	672.279
19)	L4 AR-1242-4	6.482	5.522	585440	397757	669.838	691.357
20)	L4 AR-1242-5	7.265	6.085	86901	307656	92.902	386.437 #
21)	L5 AR-1248-1	6.285	5.214	770561	547095	835.467	844.810
22)	L5 AR-1248-2	6.579	5.477	460687	327883	381.887	383.269
23)	L5 AR-1248-3	6.797	5.522	576466	397757	403.769	457.389
24)	L5 AR-1248-4	7.225	5.705	105666	422700	64.541	394.019 #
25)	L5 AR-1248-5	7.265	6.128	86901	51936	54.540	47.442
26)	L6 AR-1254-1	7.195	6.085	387198	307656	235.196	188.887
27)	L6 AR-1254-2	7.423	6.245	436164	286257	171.716	194.569
28)	L6 AR-1254-3	7.805	6.666	269796	167365	97.205	69.620 #
29)	L6 AR-1254-4	8.100	6.906	178802	88795	86.684	56.407 #
30)	L6 AR-1254-5	8.529	7.336	1382256	1064546	593.580	481.490
31)	L7 AR-1260-1	7.972	6.804	954606	776513	531.916	517.249
32)	L7 AR-1260-2	8.238	7.002	1135313	931257	487.454	499.256
33)	L7 AR-1260-3	8.603	7.157	880837	858944	503.765	462.267
34)	L7 AR-1260-4	8.834	7.641	1044131	734446	558.965	485.709
35)	L7 AR-1260-5	9.163	7.889	1974367	1741895	526.053	471.375
36)	L8 AR-1262-1	8.603	7.336	880837	1064546	327.654	892.990 #
37)	L8 AR-1262-2	9.163	7.889	1974367	1741895	413.389	420.763
38)	L8 AR-1262-3	9.498f	8.178	1394693	409358	407.033	238.934 #
39)	L8 AR-1262-4	9.550f	8.239	911739	1314472	340.218	418.991
40)	L8 AR-1262-5	10.242	8.738	690564	496397	356.694	335.616
41)	L9 AR-1268-1	9.498	8.178	1394693	409358	267.803	88.659 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

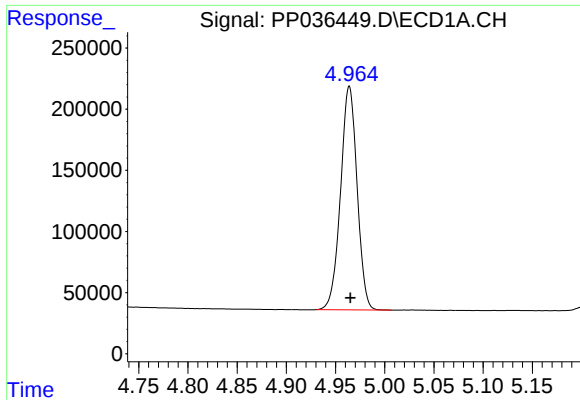
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 15 05:42:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061121.M
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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	0.000	8.239	0	1314472	N.D.	305.584 #
43) L9	AR-1268-3	9.798	8.451	32134	21558	7.665	5.806
44) L9	AR-1268-4	10.242	8.738	690564	496397	352.767	319.473
45) L9	AR-1268-5	10.659f	9.019	207201	140158	15.146	11.395

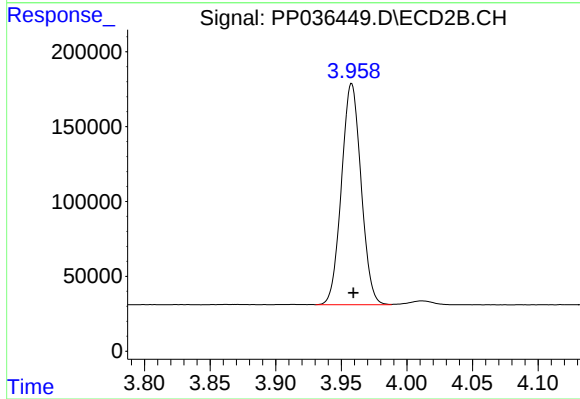
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

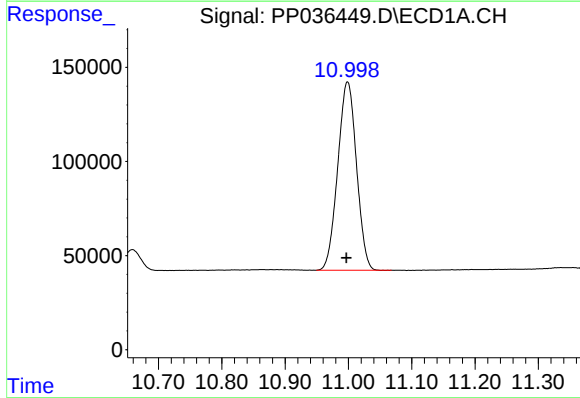
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 2140445
Conc: 50.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



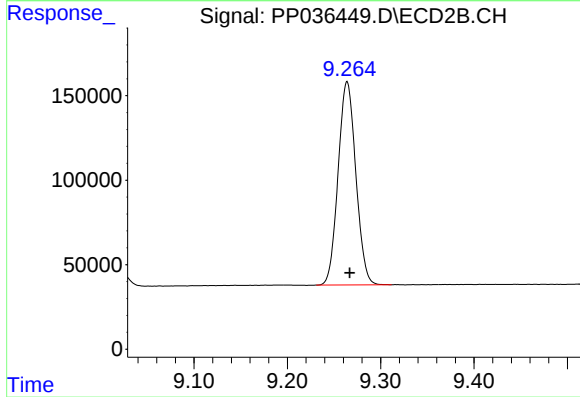
#1 Tetrachloro-m-xylene

R.T.: 3.958 min
Delta R.T.: -0.001 min
Response: 1536707
Conc: 51.16 ng/ml



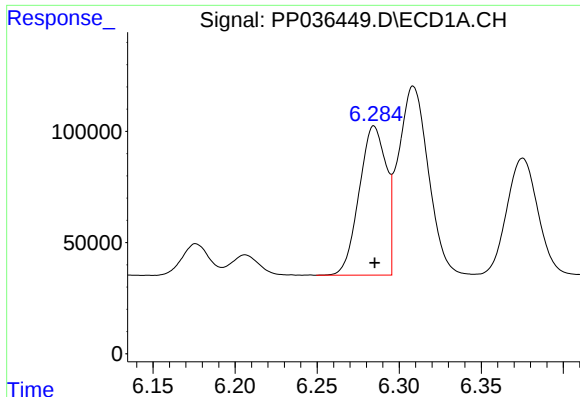
#2 Decachlorobiphenyl

R.T.: 10.999 min
Delta R.T.: 0.002 min
Response: 2059153
Conc: 57.02 ng/ml



#2 Decachlorobiphenyl

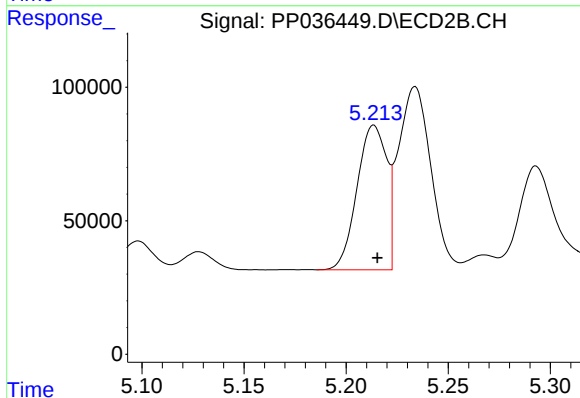
R.T.: 9.264 min
Delta R.T.: -0.003 min
Response: 1586877
Conc: 49.67 ng/ml



#3 AR-1016-1

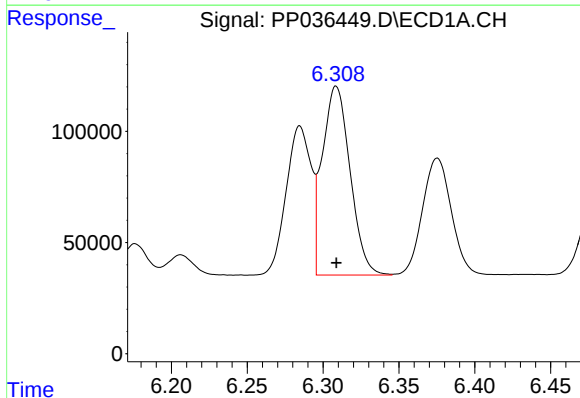
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 770561
Conc: 520.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



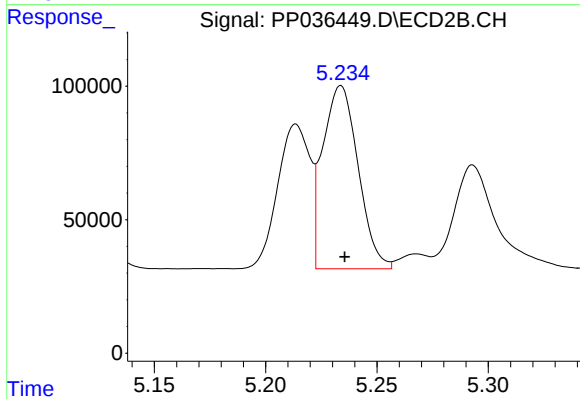
#3 AR-1016-1

R.T.: 5.214 min
Delta R.T.: -0.002 min
Response: 547095
Conc: 513.08 ng/ml



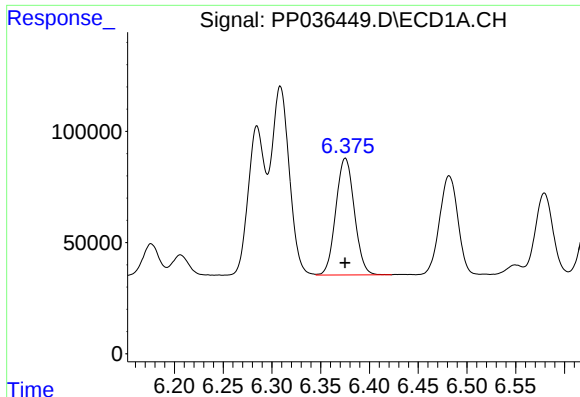
#4 AR-1016-2

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1081709
Conc: 507.39 ng/ml



#4 AR-1016-2

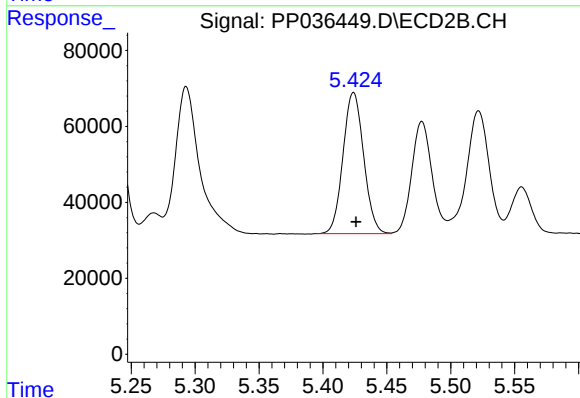
R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 759299
Conc: 509.09 ng/ml



#5 AR-1016-3

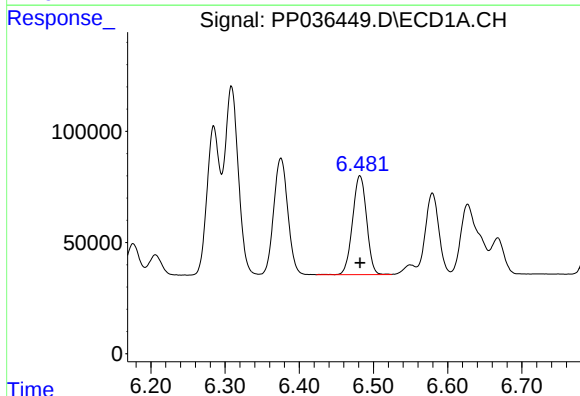
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 694503
Conc: 523.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



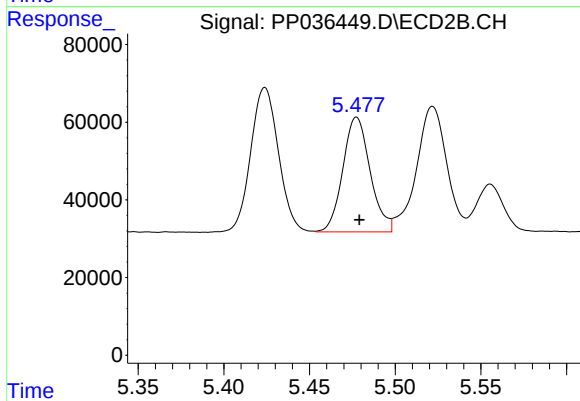
#5 AR-1016-3

R.T.: 5.424 min
Delta R.T.: -0.002 min
Response: 418290
Conc: 525.56 ng/ml



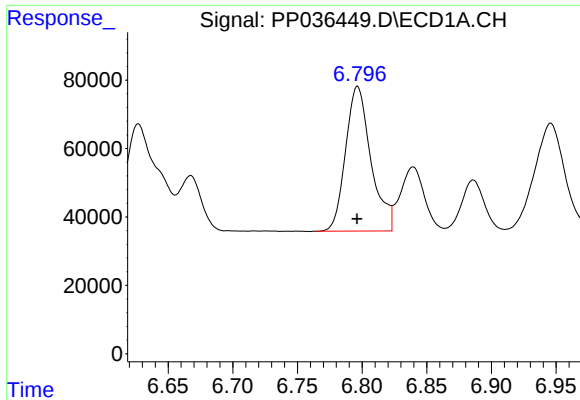
#6 AR-1016-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 585440
Conc: 514.31 ng/ml



#6 AR-1016-4

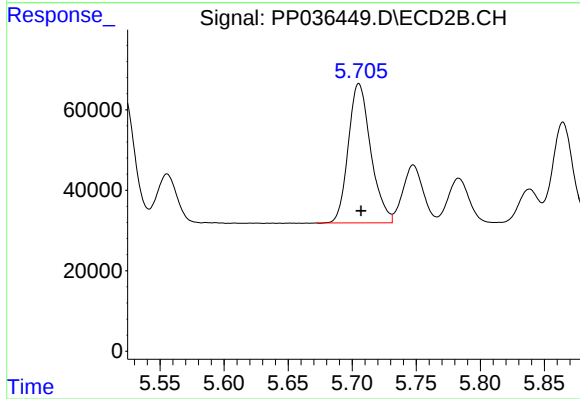
R.T.: 5.477 min
Delta R.T.: -0.002 min
Response: 327883
Conc: 543.80 ng/ml



#7 AR-1016-5

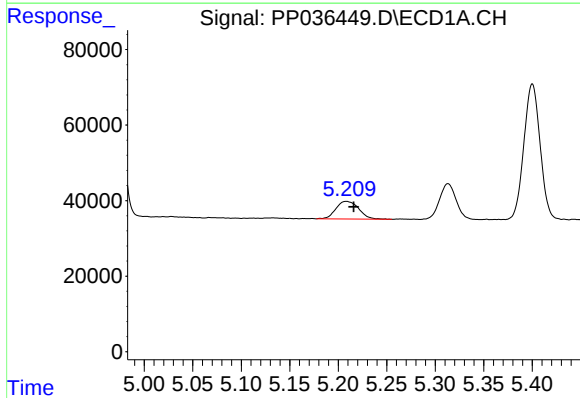
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 576466
Conc: 565.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



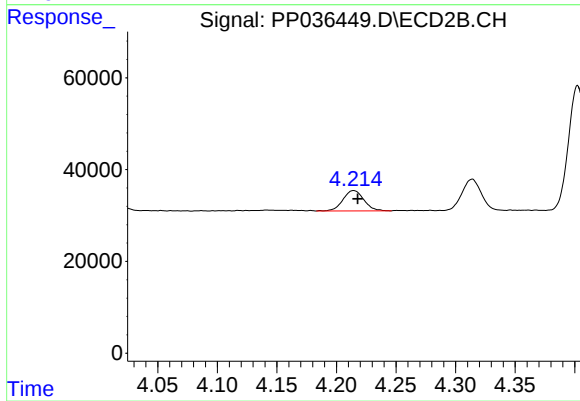
#7 AR-1016-5

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 422700
Conc: 531.73 ng/ml



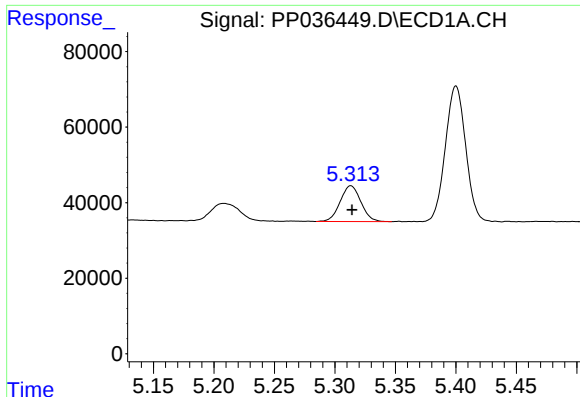
#8 AR-1221-1

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 76986
Conc: 154.80 ng/ml



#8 AR-1221-1

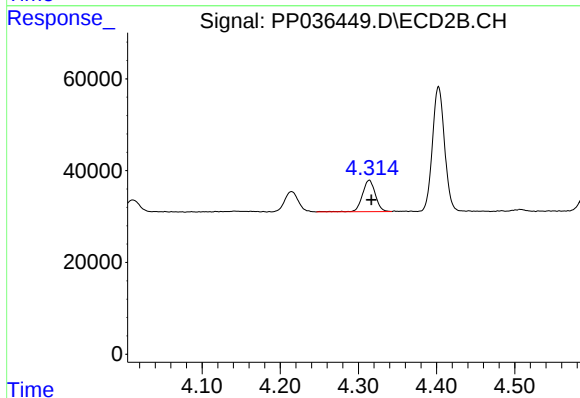
R.T.: 4.214 min
Delta R.T.: -0.004 min
Response: 54170
Conc: 166.45 ng/ml



#9 AR-1221-2

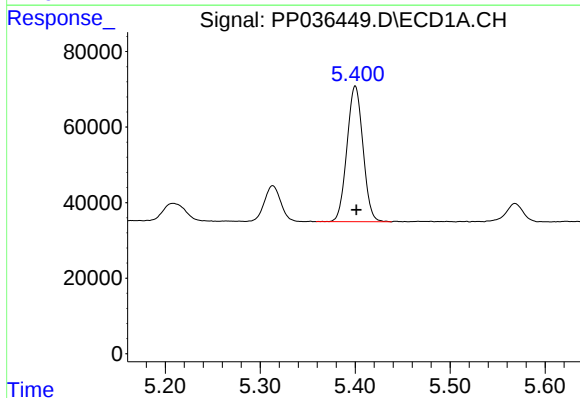
R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 113529
Conc: 294.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



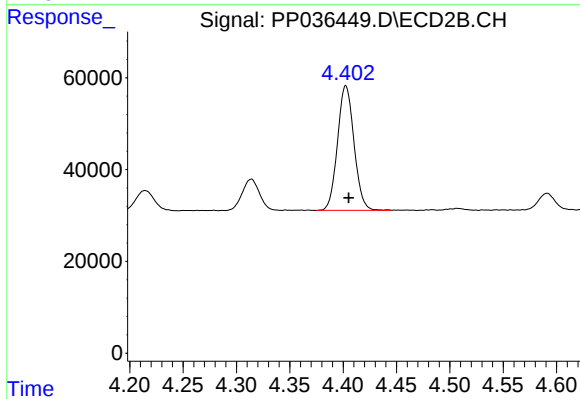
#9 AR-1221-2

R.T.: 4.314 min
Delta R.T.: -0.003 min
Response: 78562
Conc: 318.03 ng/ml



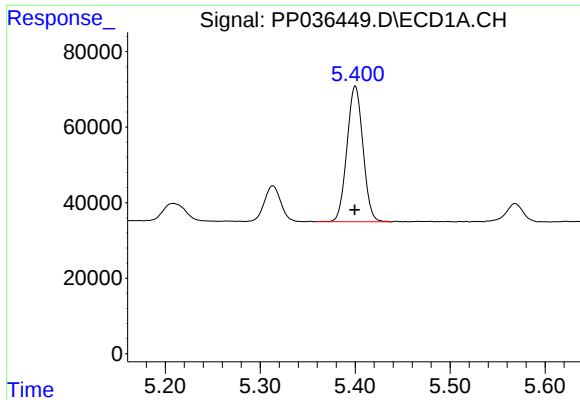
#10 AR-1221-3

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 420810
Conc: 368.47 ng/ml



#10 AR-1221-3

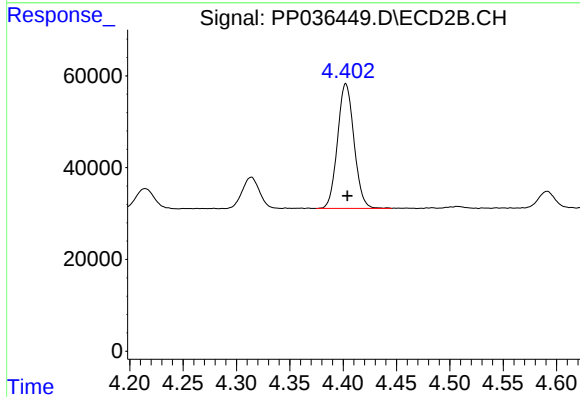
R.T.: 4.403 min
Delta R.T.: -0.003 min
Response: 292081
Conc: 364.17 ng/ml



#11 AR-1232-1

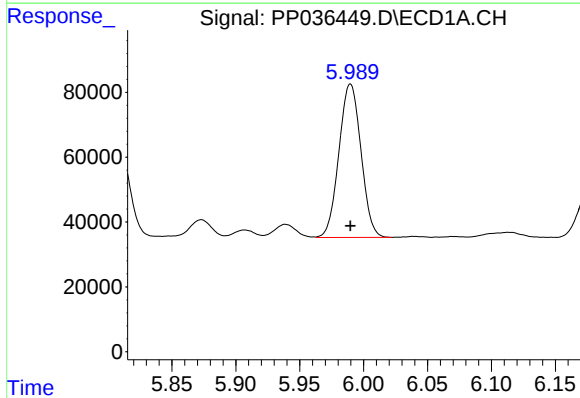
R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 420810
Conc: 454.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



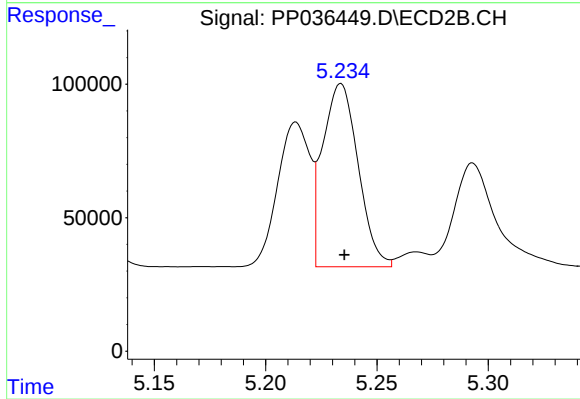
#11 AR-1232-1

R.T.: 4.403 min
Delta R.T.: -0.002 min
Response: 292081
Conc: 452.73 ng/ml



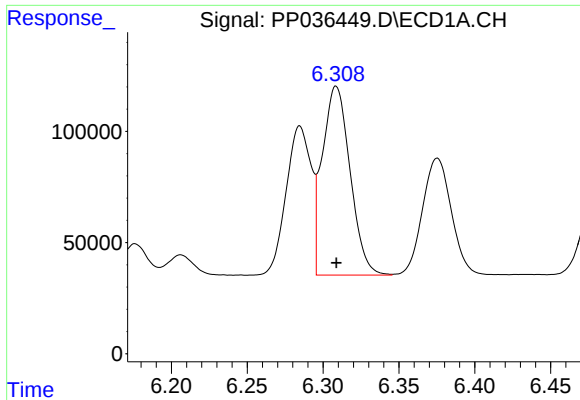
#12 AR-1232-2

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 568677
Conc: 1189.56 ng/ml



#12 AR-1232-2

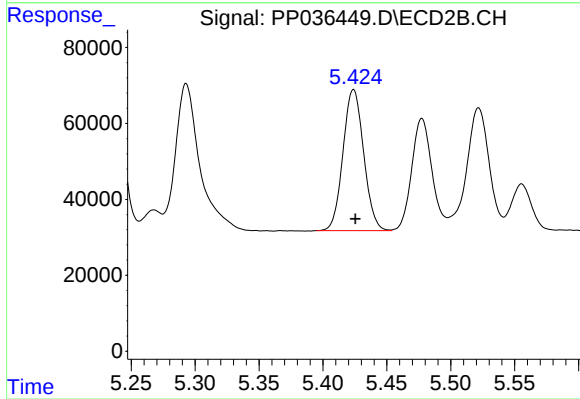
R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 759299
Conc: 1235.45 ng/ml



#13 AR-1232-3

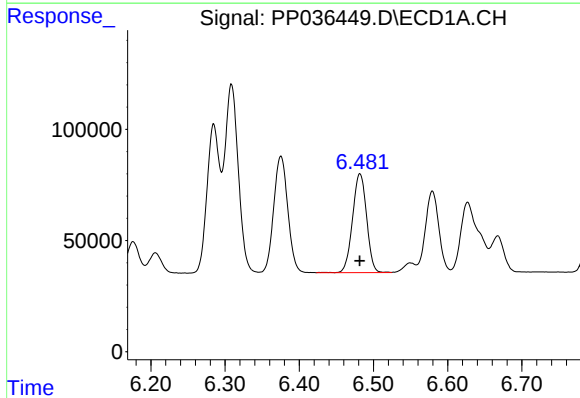
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1081709
Conc: 1218.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



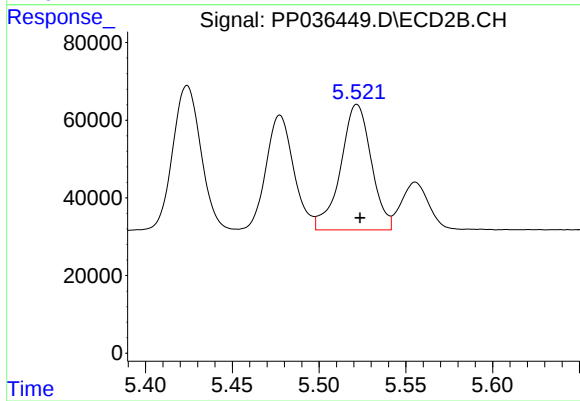
#13 AR-1232-3

R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 418290
Conc: 1329.08 ng/ml



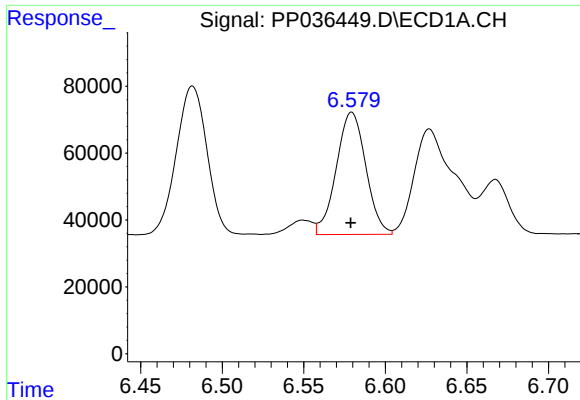
#14 AR-1232-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 585440
Conc: 1219.44 ng/ml



#14 AR-1232-4

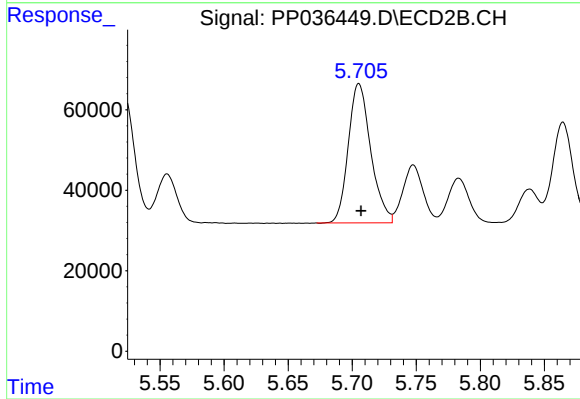
R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 397757
Conc: 1535.53 ng/ml



#15 AR-1232-5

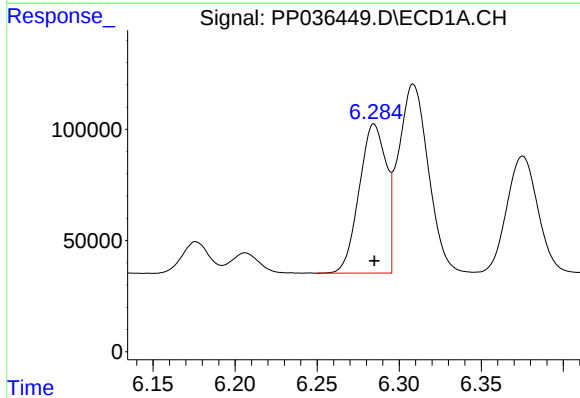
R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 460687
Conc: 1423.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



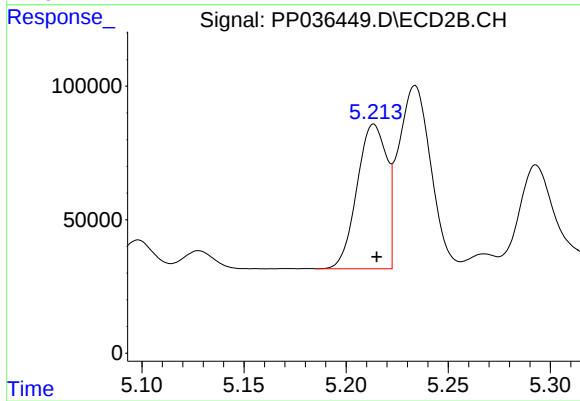
#15 AR-1232-5

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 422700
Conc: 1445.19 ng/ml



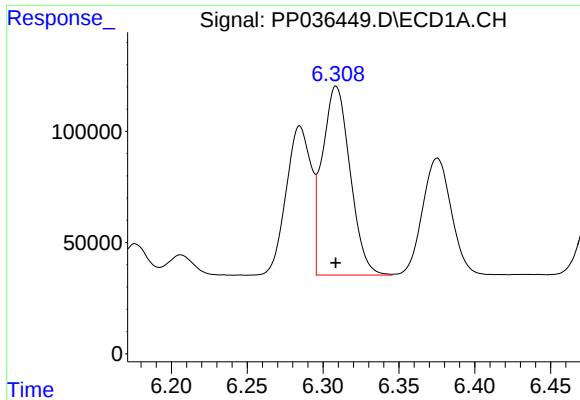
#16 AR-1242-1

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 770561
Conc: 660.25 ng/ml



#16 AR-1242-1

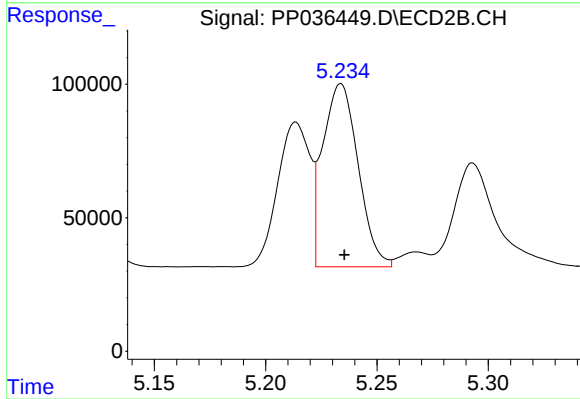
R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 547095
Conc: 658.06 ng/ml



#17 AR-1242-2

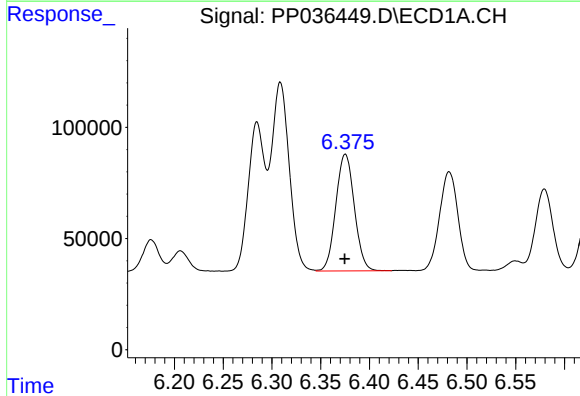
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1081709
Conc: 652.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



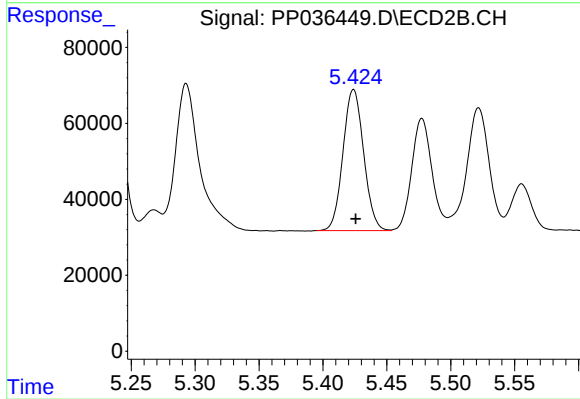
#17 AR-1242-2

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 759299
Conc: 668.38 ng/ml



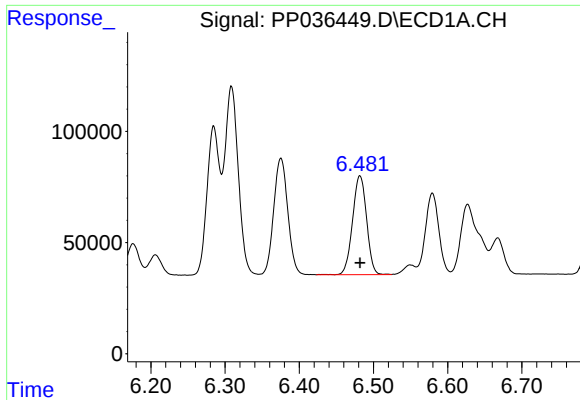
#18 AR-1242-3

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 694503
Conc: 666.61 ng/ml



#18 AR-1242-3

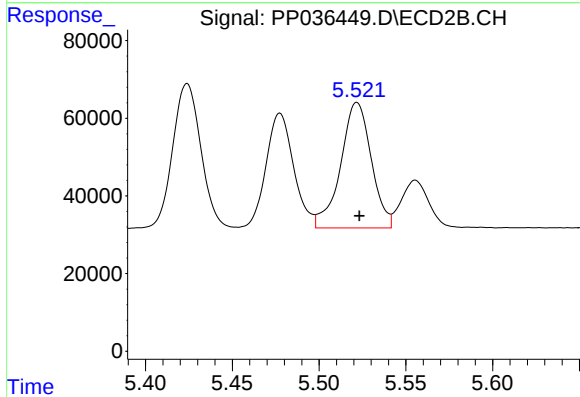
R.T.: 5.424 min
Delta R.T.: -0.002 min
Response: 418290
Conc: 672.28 ng/ml



#19 AR-1242-4

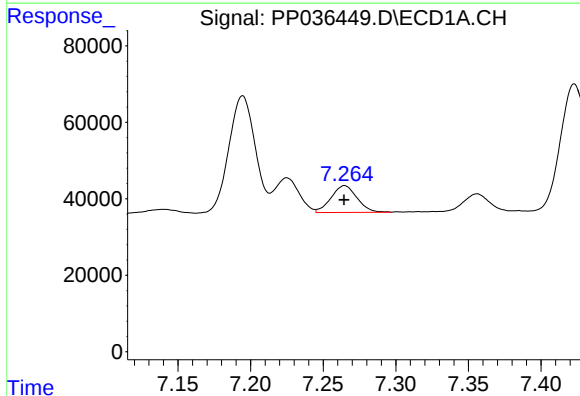
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 585440
Conc: 669.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



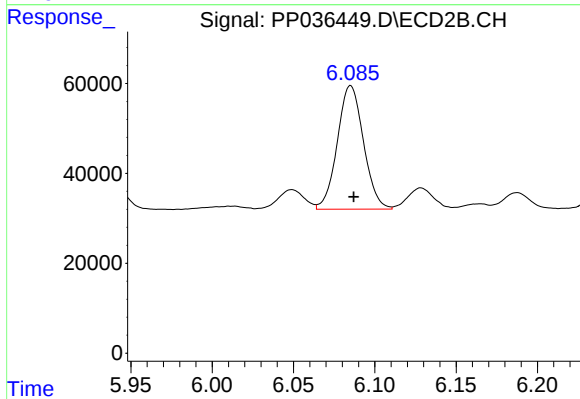
#19 AR-1242-4

R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 397757
Conc: 691.36 ng/ml



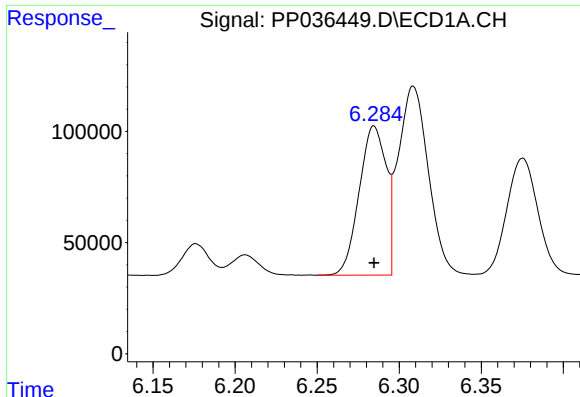
#20 AR-1242-5

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 86901
Conc: 92.90 ng/ml



#20 AR-1242-5

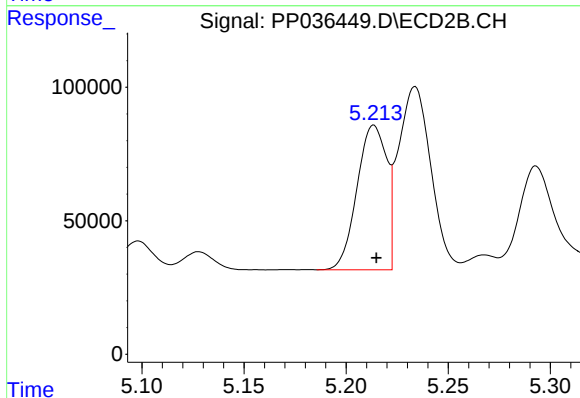
R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 307656
Conc: 386.44 ng/ml



#21 AR-1248-1

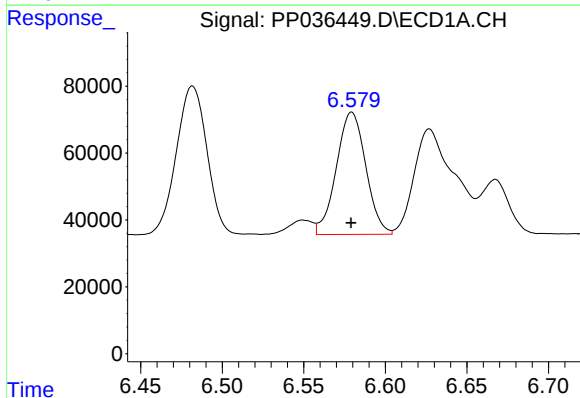
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 770561
Conc: 835.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



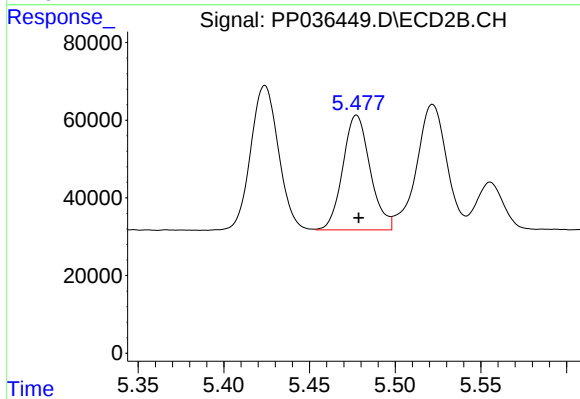
#21 AR-1248-1

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 547095
Conc: 844.81 ng/ml



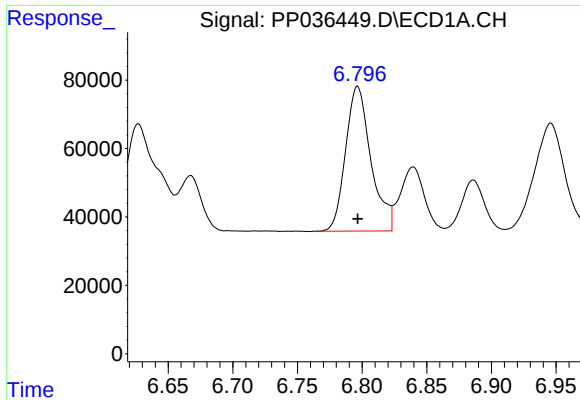
#22 AR-1248-2

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 460687
Conc: 381.89 ng/ml



#22 AR-1248-2

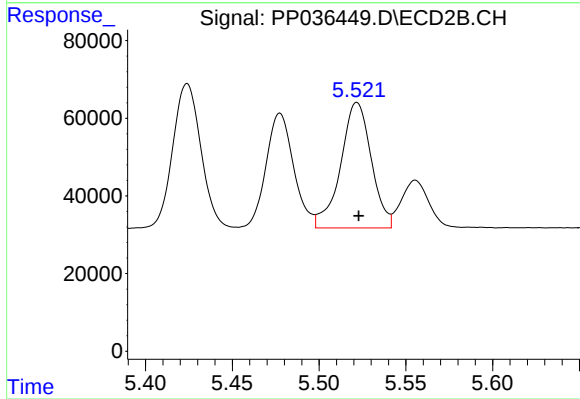
R.T.: 5.477 min
Delta R.T.: -0.001 min
Response: 327883
Conc: 383.27 ng/ml



#23 AR-1248-3

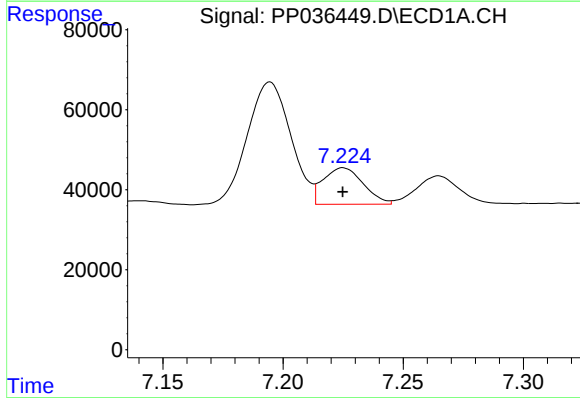
R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 576466
Conc: 403.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



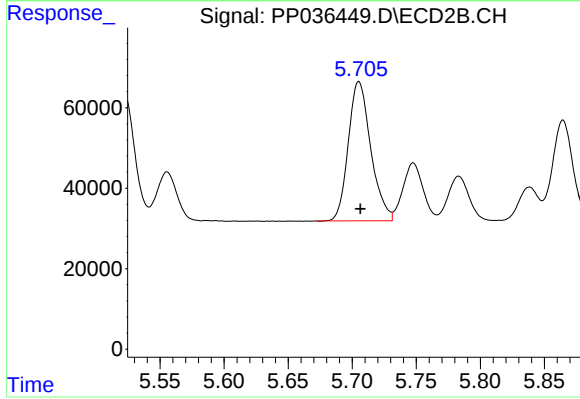
#23 AR-1248-3

R.T.: 5.522 min
Delta R.T.: -0.001 min
Response: 397757
Conc: 457.39 ng/ml



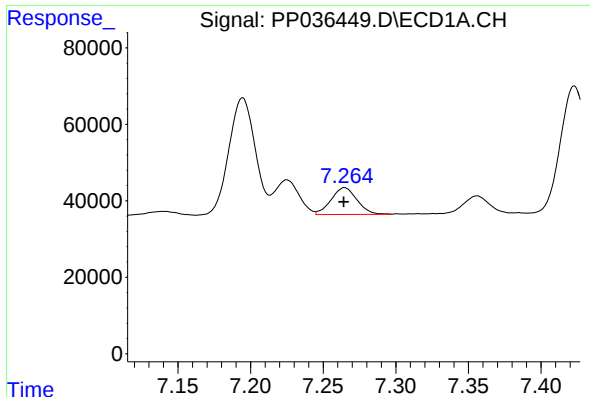
#24 AR-1248-4

R.T.: 7.225 min
Delta R.T.: 0.000 min
Response: 105666
Conc: 64.54 ng/ml



#24 AR-1248-4

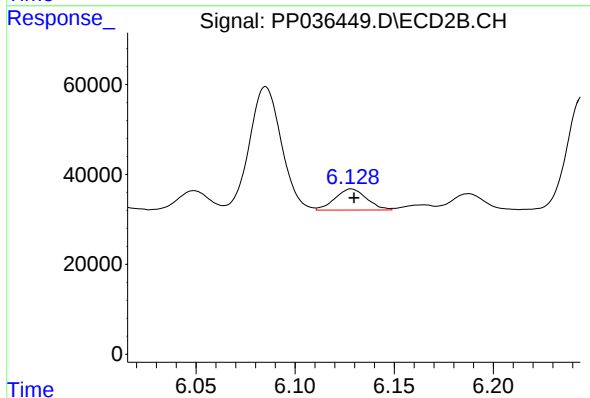
R.T.: 5.705 min
Delta R.T.: -0.001 min
Response: 422700
Conc: 394.02 ng/ml



#25 AR-1248-5

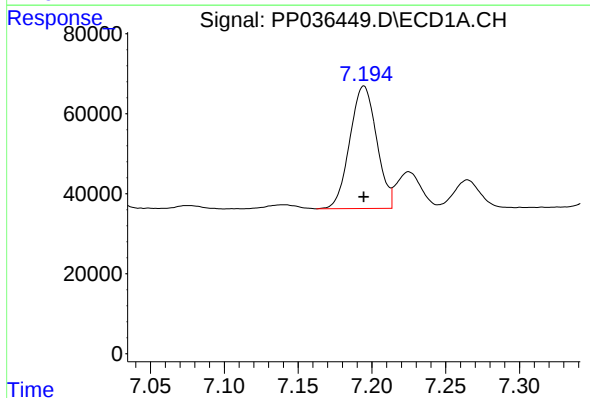
R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 86901
Conc: 54.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



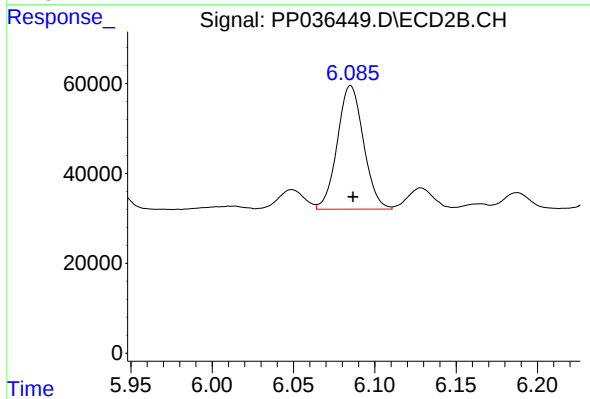
#25 AR-1248-5

R.T.: 6.128 min
Delta R.T.: -0.001 min
Response: 51936
Conc: 47.44 ng/ml



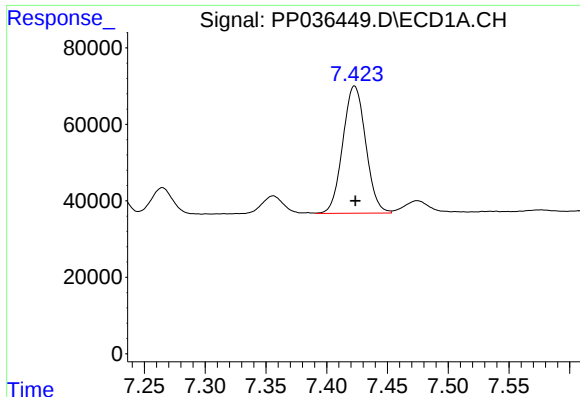
#26 AR-1254-1

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 387198
Conc: 235.20 ng/ml



#26 AR-1254-1

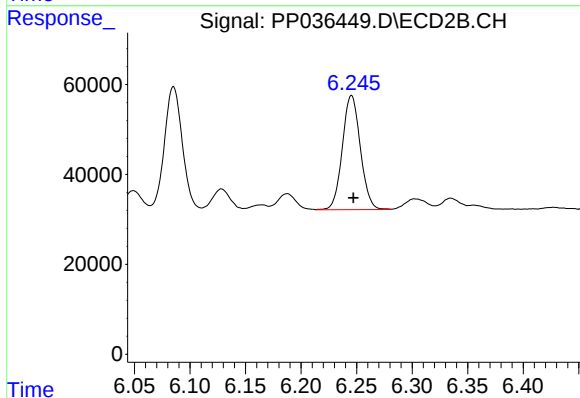
R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 307656
Conc: 188.89 ng/ml



#27 AR-1254-2

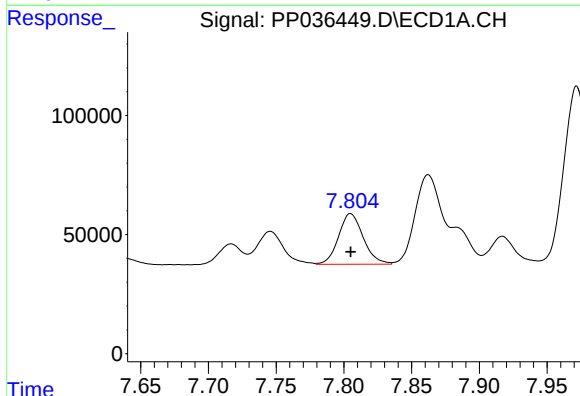
R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 436164
Conc: 171.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



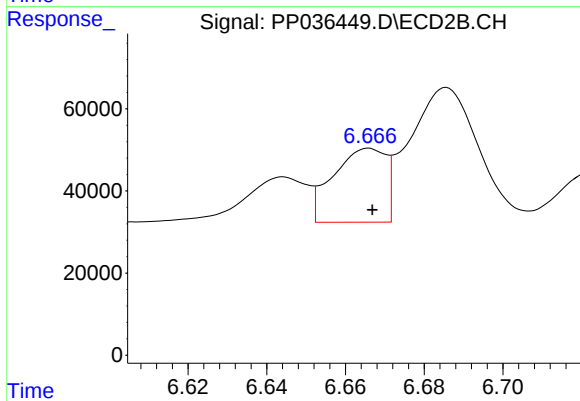
#27 AR-1254-2

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 286257
Conc: 194.57 ng/ml



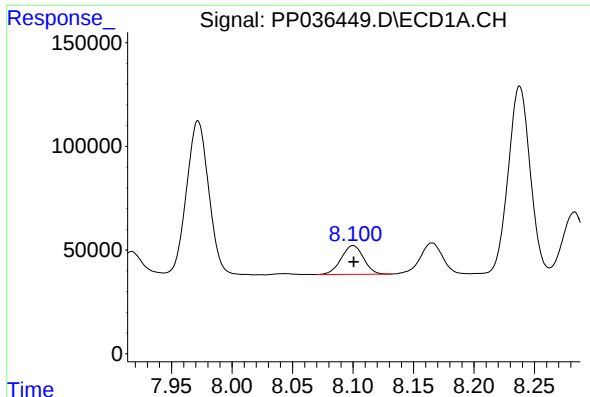
#28 AR-1254-3

R.T.: 7.805 min
Delta R.T.: 0.000 min
Response: 269796
Conc: 97.21 ng/ml



#28 AR-1254-3

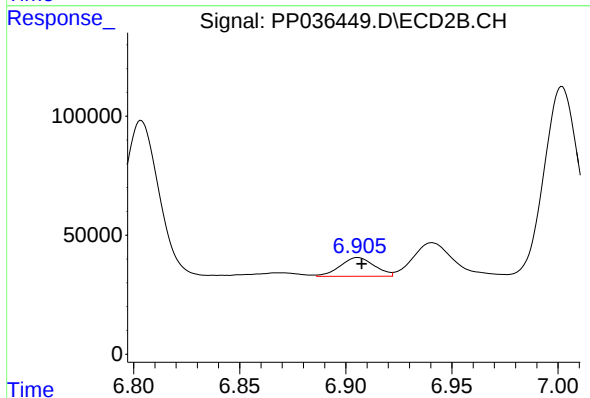
R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 167365
Conc: 69.62 ng/ml



#29 AR-1254-4

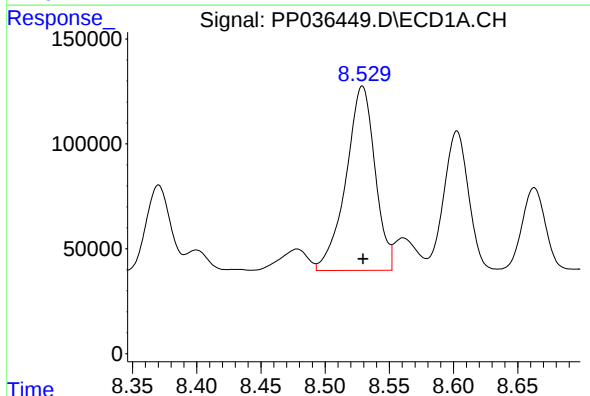
R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 178802
Conc: 86.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



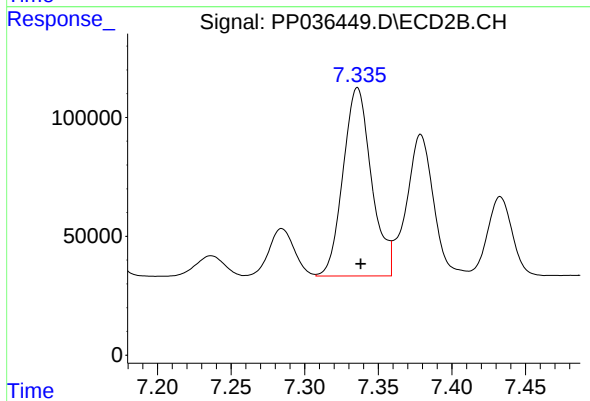
#29 AR-1254-4

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 88795
Conc: 56.41 ng/ml



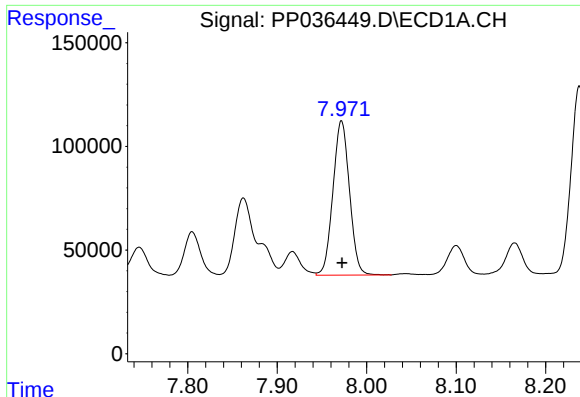
#30 AR-1254-5

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 1382256
Conc: 593.58 ng/ml



#30 AR-1254-5

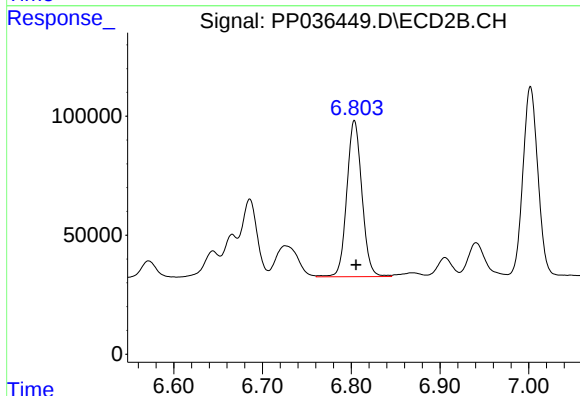
R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 1064546
Conc: 481.49 ng/ml



#31 AR-1260-1

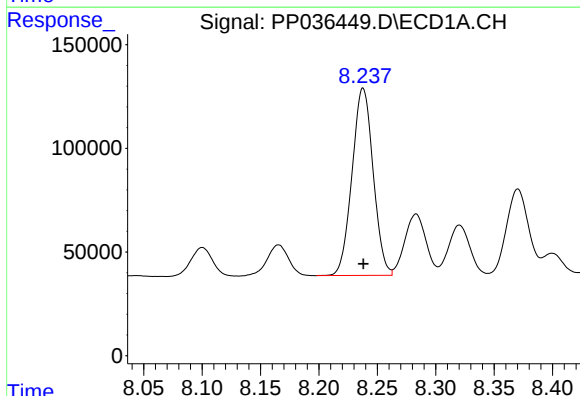
R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 954606
Conc: 531.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



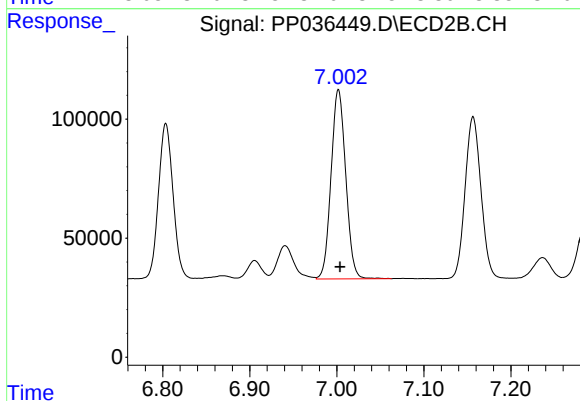
#31 AR-1260-1

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 776513
Conc: 517.25 ng/ml



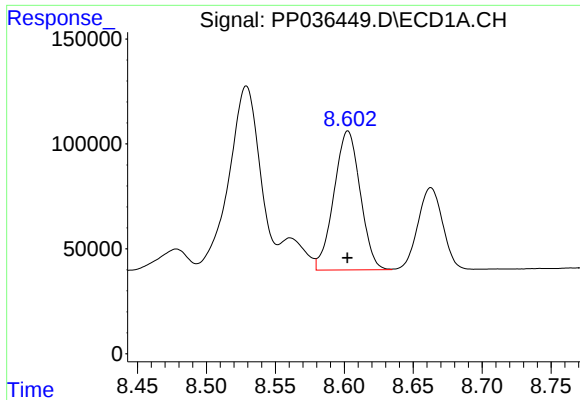
#32 AR-1260-2

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 1135313
Conc: 487.45 ng/ml



#32 AR-1260-2

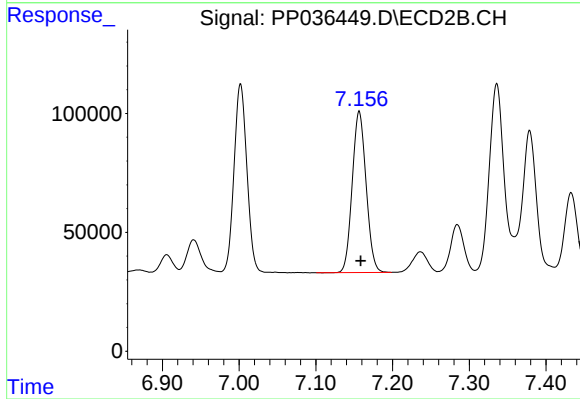
R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 931257
Conc: 499.26 ng/ml



#33 AR-1260-3

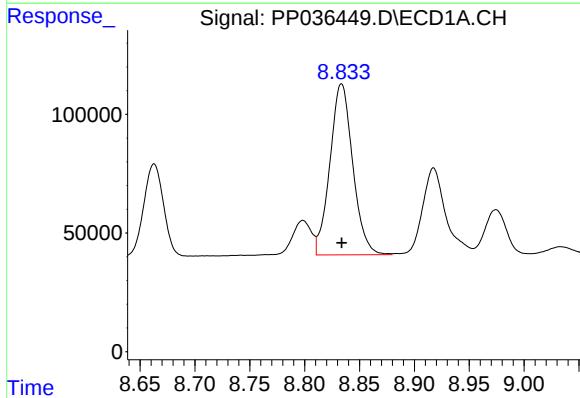
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 880837
Conc: 503.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



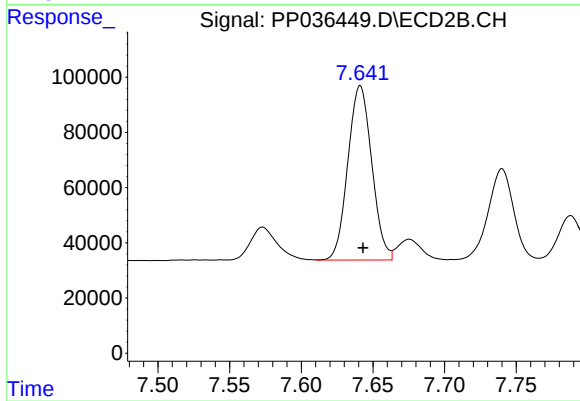
#33 AR-1260-3

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 858944
Conc: 462.27 ng/ml



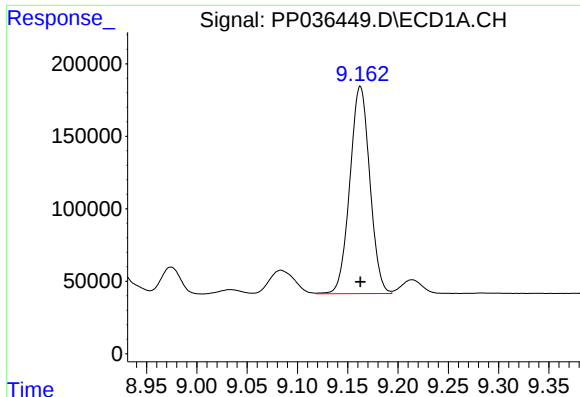
#34 AR-1260-4

R.T.: 8.834 min
Delta R.T.: 0.000 min
Response: 1044131
Conc: 558.96 ng/ml



#34 AR-1260-4

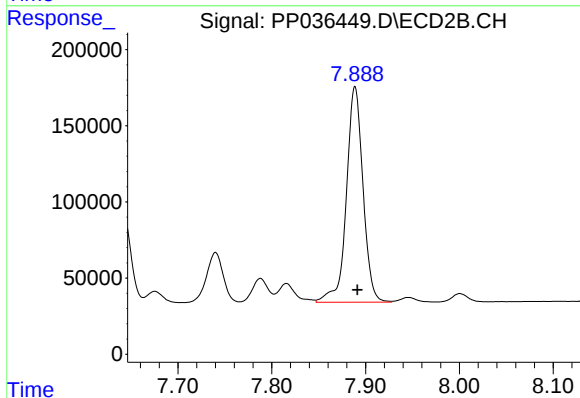
R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 734446
Conc: 485.71 ng/ml



#35 AR-1260-5

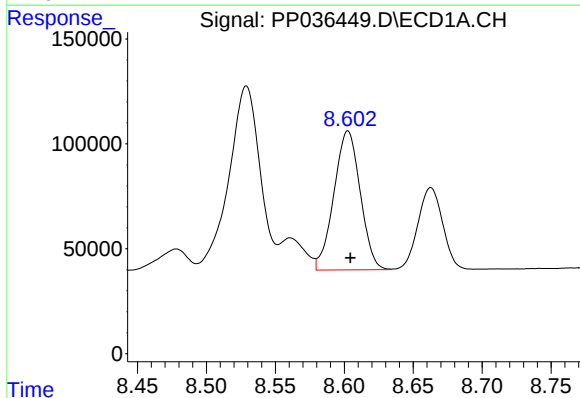
R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 1974367
Conc: 526.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



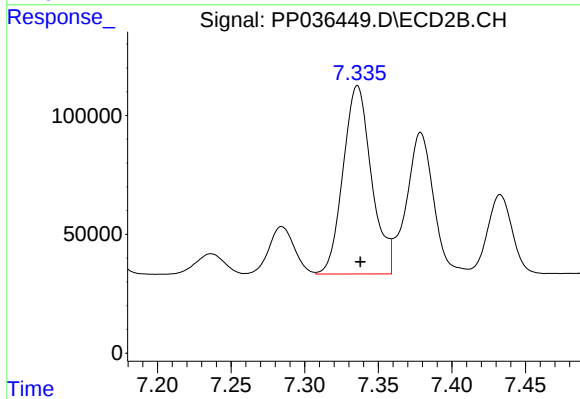
#35 AR-1260-5

R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 1741895
Conc: 471.38 ng/ml



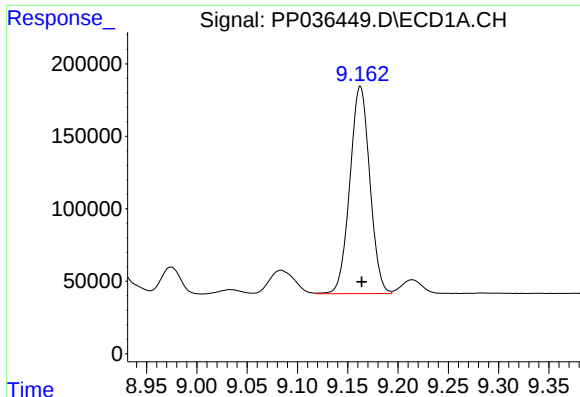
#36 AR-1262-1

R.T.: 8.603 min
Delta R.T.: -0.002 min
Response: 880837
Conc: 327.65 ng/ml



#36 AR-1262-1

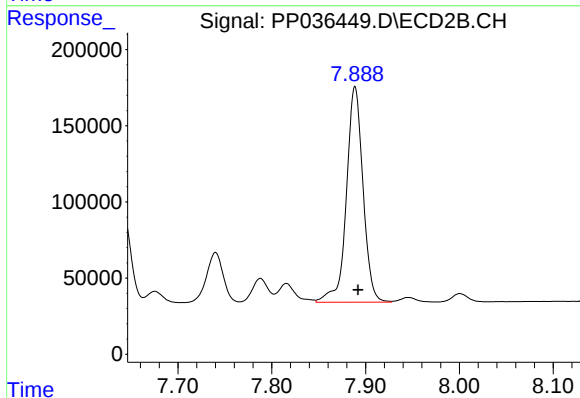
R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 1064546
Conc: 892.99 ng/ml



#37 AR-1262-2

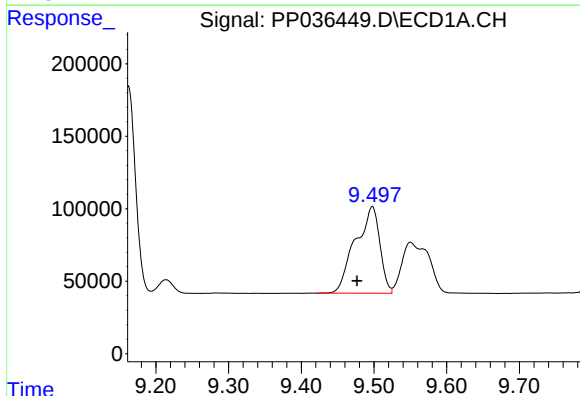
R.T.: 9.163 min
Delta R.T.: -0.002 min
Response: 1974367
Conc: 413.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



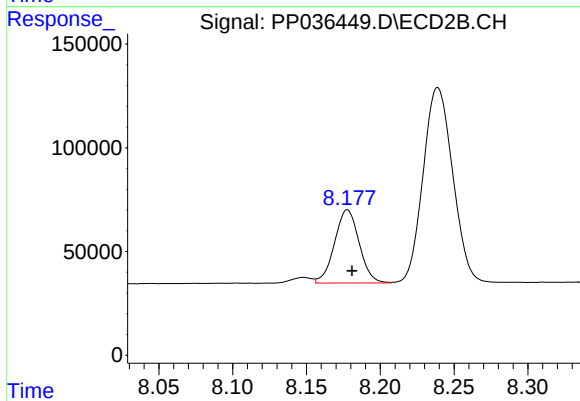
#37 AR-1262-2

R.T.: 7.889 min
Delta R.T.: -0.003 min
Response: 1741895
Conc: 420.76 ng/ml



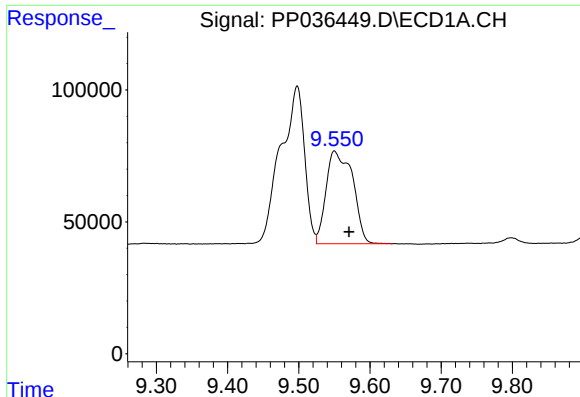
#38 AR-1262-3

R.T.: 9.498 min
Delta R.T.: 0.021 min
Response: 1394693
Conc: 407.03 ng/ml



#38 AR-1262-3

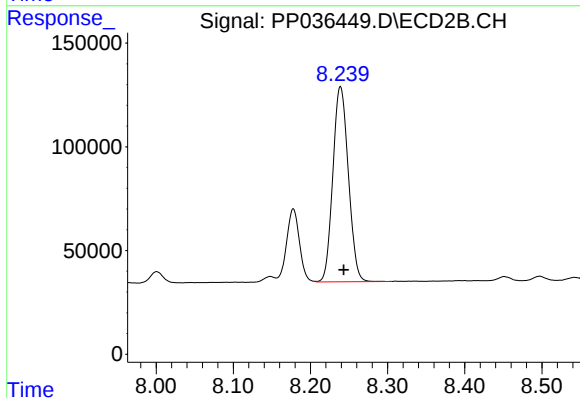
R.T.: 8.178 min
Delta R.T.: -0.003 min
Response: 409358
Conc: 238.93 ng/ml



#39 AR-1262-4

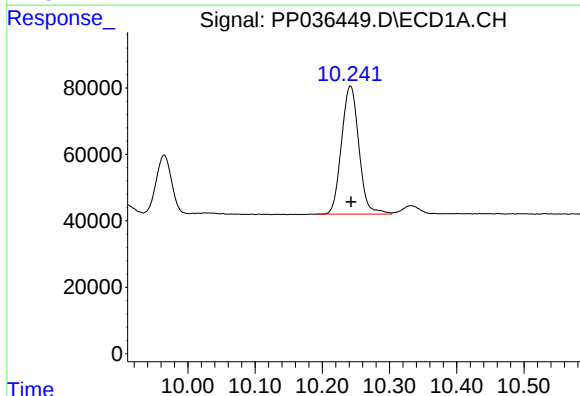
R.T.: 9.550 min
Delta R.T.: -0.021 min
Response: 911739
Conc: 340.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



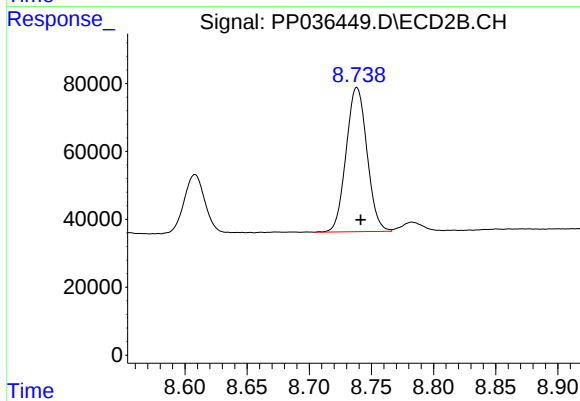
#39 AR-1262-4

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 1314472
Conc: 418.99 ng/ml



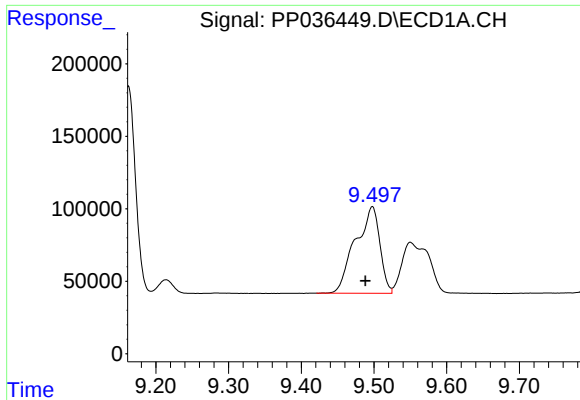
#40 AR-1262-5

R.T.: 10.242 min
Delta R.T.: -0.001 min
Response: 690564
Conc: 356.69 ng/ml



#40 AR-1262-5

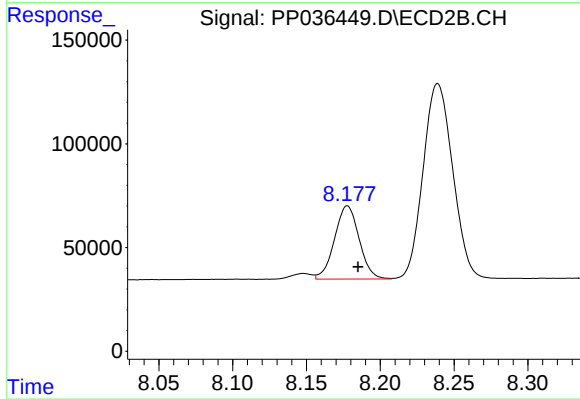
R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 496397
Conc: 335.62 ng/ml



#41 AR-1268-1

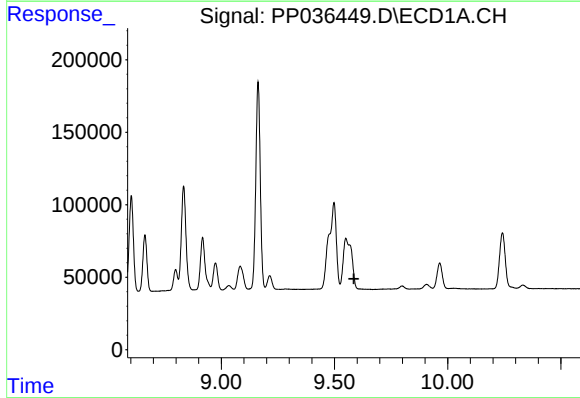
R.T.: 9.498 min
Delta R.T.: 0.010 min
Response: 1394693
Conc: 267.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



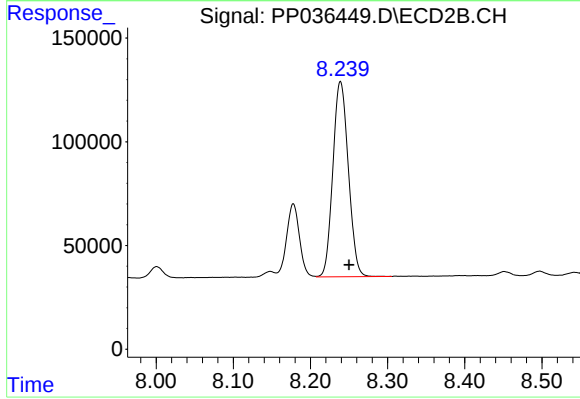
#41 AR-1268-1

R.T.: 8.178 min
Delta R.T.: -0.007 min
Response: 409358
Conc: 88.66 ng/ml



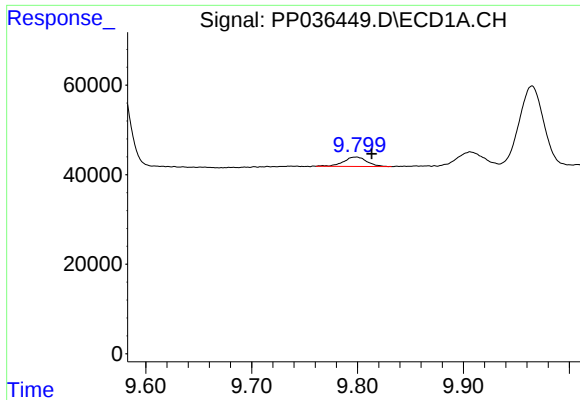
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.586 min
Response: 0
Conc: N.D.



#42 AR-1268-2

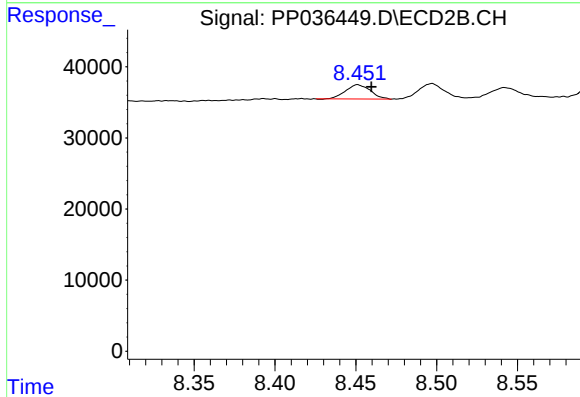
R.T.: 8.239 min
Delta R.T.: -0.011 min
Response: 1314472
Conc: 305.58 ng/ml



#43 AR-1268-3

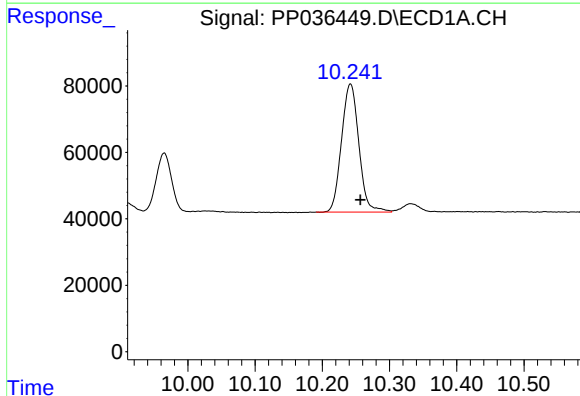
R.T.: 9.798 min
Delta R.T.: -0.015 min
Response: 32134
Conc: 7.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



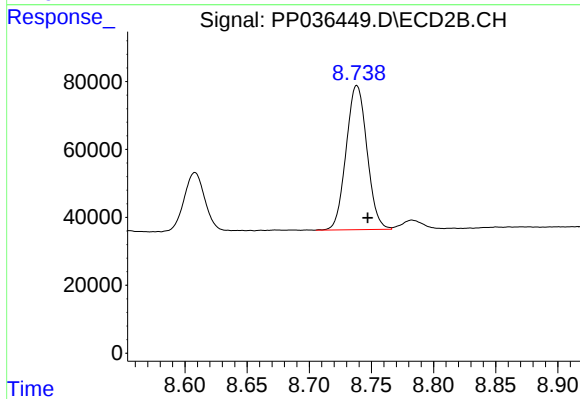
#43 AR-1268-3

R.T.: 8.451 min
Delta R.T.: -0.009 min
Response: 21558
Conc: 5.81 ng/ml



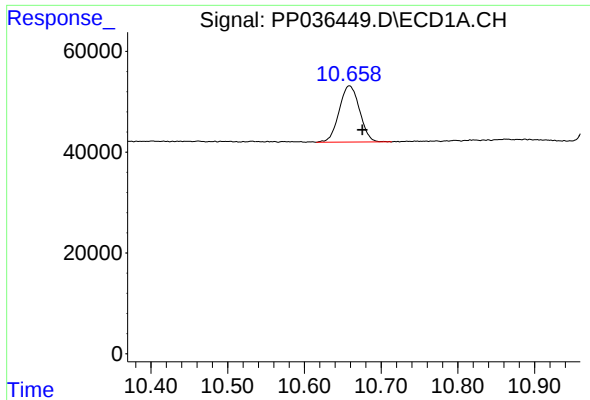
#44 AR-1268-4

R.T.: 10.242 min
Delta R.T.: -0.015 min
Response: 690564
Conc: 352.77 ng/ml



#44 AR-1268-4

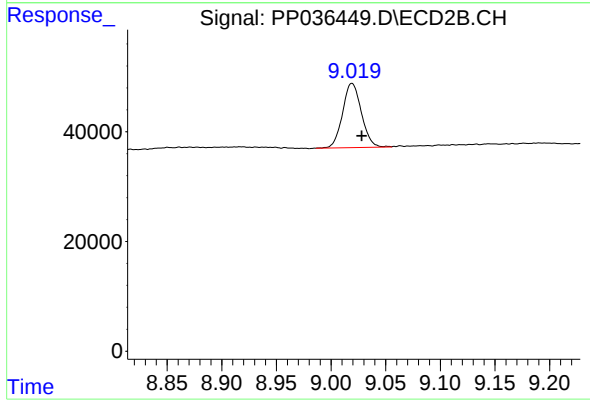
R.T.: 8.738 min
Delta R.T.: -0.009 min
Response: 496397
Conc: 319.47 ng/ml



#45 AR-1268-5

R.T.: 10.659 min
Delta R.T.: -0.017 min
Response: 207201
Conc: 15.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.019 min
Delta R.T.: -0.009 min
Response: 140158
Conc: 11.39 ng/ml