

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122122\
 Data File : PP053935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2022 20:11
 Operator : YP\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: Dec 21 21:58:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 14 05:38:40 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.337	3.588	106.7E6	72860824	50.798	46.654
2)	SA Decachlor...	10.094	8.619	81194271	68874026	47.824	49.310
Target Compounds							
3)	L1 AR-1016-1	5.508	4.678	36120277	23861256	532.675	519.553
4)	L1 AR-1016-2	5.531	4.697	51058213	33078062	512.578	527.915
5)	L1 AR-1016-3	5.593	4.874	32258368	17840371	510.409	525.624
6)	L1 AR-1016-4	5.691	4.916	26199134	15093372	528.715	506.513
7)	L1 AR-1016-5	5.988	5.130	26751791	18998272	508.243	523.923
8)	L2 AR-1221-1	4.541	3.802	3823716	2775828	148.425	143.362
9)	L2 AR-1221-2	4.632	3.889	5393555	3921572	277.035	268.281
10)	L2 AR-1221-3	4.709	3.965	19628847	14521712	337.754	326.470
11)	L3 AR-1232-1	4.709	3.965	19628847	14521712	438.252	422.003
12)	L3 AR-1232-2	5.240	4.697	26927713	33078062	1046.813	1108.282
13)	L3 AR-1232-3	5.531	4.874	51058213	17840371	1087.805	1126.033
14)	L3 AR-1232-4	5.691	4.958	26199134	18561557	1105.725	1201.191
15)	L3 AR-1232-5	5.784	5.130	21453494	18998272	1163.257	1153.718
16)	L4 AR-1242-1	5.508	4.678	36120277	23861256	689.571	673.790
17)	L4 AR-1242-2	5.531	4.697	51058213	33078062	670.130	688.521
18)	L4 AR-1242-3	5.593	4.874	32258368	17840371	658.403	684.304
19)	L4 AR-1242-4	5.691	4.958	26199134	18561557	682.468	650.629
20)	L4 AR-1242-5	6.432	5.484	4020189	15228016	98.567	498.899 #
21)	L5 AR-1248-1	5.508	4.678	36120277	23861256	857.032	838.784
22)	L5 AR-1248-2	5.784	4.916	21453494	15093372	339.453	364.850
23)	L5 AR-1248-3	5.988	4.958	26751791	18561557	381.924	441.968
24)	L5 AR-1248-4	6.393	5.130	4186332	18998272	59.358	394.857 #
25)	L5 AR-1248-5	6.432	5.524	4020189	2375479	57.051	63.264
26)	L6 AR-1254-1	6.366	5.484	20434022	15228016	263.690	232.548
27)	L6 AR-1254-2	6.586	5.632	22025234	14501654	189.307	248.658 #
28)	L6 AR-1254-3	6.953	6.054	12008009	24790238	102.521	281.797 #
29)	L6 AR-1254-4	7.240	6.267	7964199	2432066	100.459	53.084 #
30)	L6 AR-1254-5	7.659	6.686	65817480	47179485	674.878	605.379
31)	L7 AR-1260-1	7.119	6.169	47709573	35059047	494.026	537.476
32)	L7 AR-1260-2	7.377	6.357	55143017	41488773	499.161	550.943
33)	L7 AR-1260-3	7.737	6.511	36688372	39324332	485.235	542.522
34)	L7 AR-1260-4	7.963	6.986	44768672	29624528	476.999	545.989
35)	L7 AR-1260-5	8.280	7.228	78376601	67133521	494.271	561.387
36)	L8 AR-1262-1	7.737	6.779	36688372	16638665	306.487	466.518 #
37)	L8 AR-1262-2	8.280	6.986	78376601	29624528	408.733	381.111
38)	L8 AR-1262-3	8.603	7.514	53324128	13776403	384.827	218.658 #
39)	L8 AR-1262-4	8.679	7.576	13386562	50568022	215.094	442.270 #
40)	L8 AR-1262-5	9.337	8.072	20788326	15916776	294.183	319.510
41)	L9 AR-1268-1	8.603	7.514	53324128	13776403	218.498	76.146 #

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 ALS Vial : 3 Sample Multiplier: 1

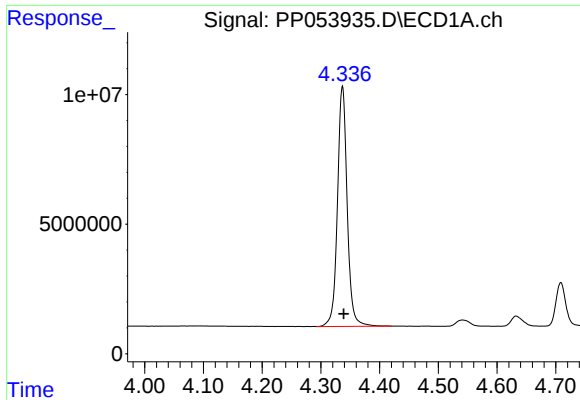
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 21:58:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
 Quant Title : GC EXTRACTABLES
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 Integrator: ChemStation

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	8.679	7.576	13386562	50568022	58.902	296.331 #
43) L9	AR-1268-3	8.911	7.787	1566348	1169454	8.173	7.918
44) L9	AR-1268-4	9.337	8.072	20788326	15916776	270.058	285.600
45) L9	AR-1268-5	9.754	8.363	7605937	5808528	12.934	12.287

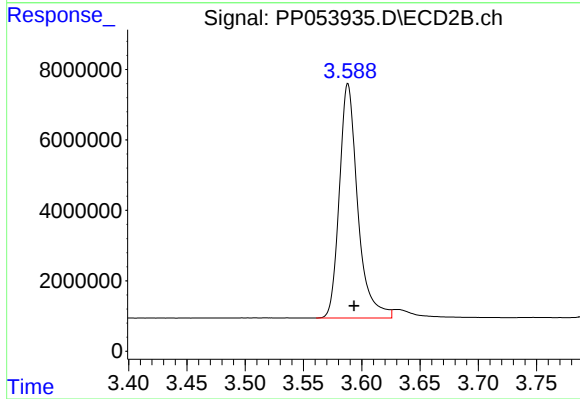
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

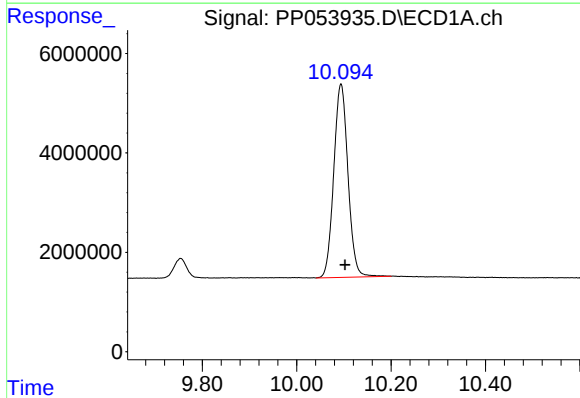
R.T.: 4.337 min
Delta R.T.: -0.002 min
Response: 106663971
Conc: 50.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



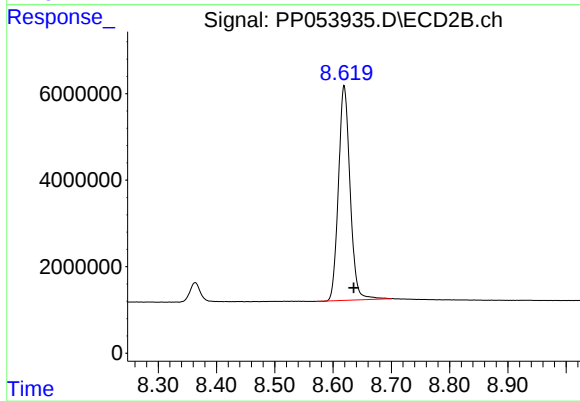
#1 Tetrachloro-m-xylene

R.T.: 3.588 min
Delta R.T.: -0.005 min
Response: 72860824
Conc: 46.65 ng/ml



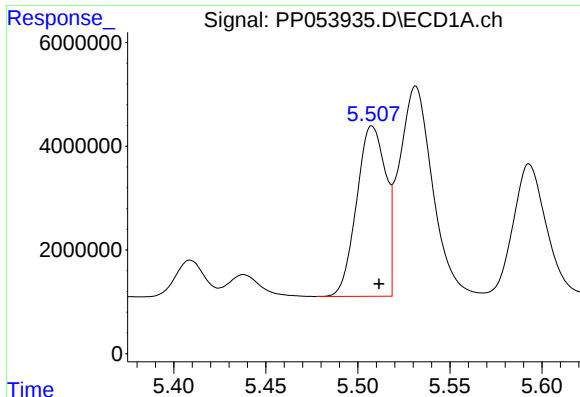
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: -0.008 min
Response: 81194271
Conc: 47.82 ng/ml



#2 Decachlorobiphenyl

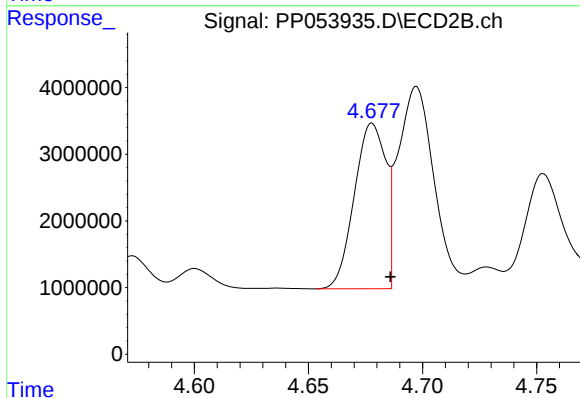
R.T.: 8.619 min
Delta R.T.: -0.017 min
Response: 68874026
Conc: 49.31 ng/ml



#3 AR-1016-1

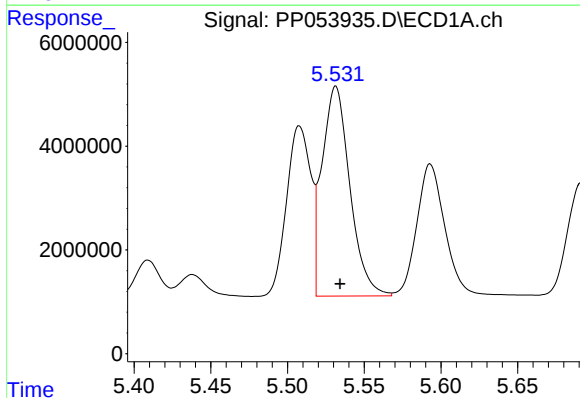
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 36120277
Conc: 532.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



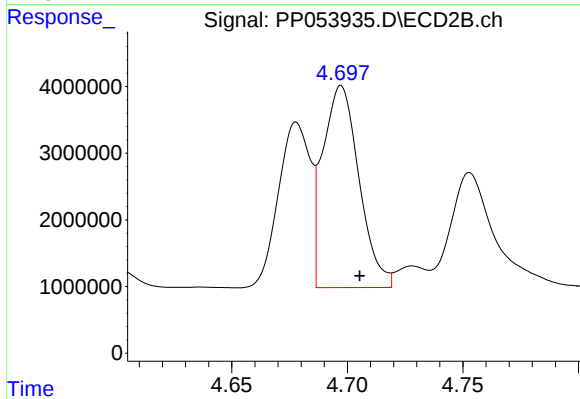
#3 AR-1016-1

R.T.: 4.678 min
Delta R.T.: -0.008 min
Response: 23861256
Conc: 519.55 ng/ml



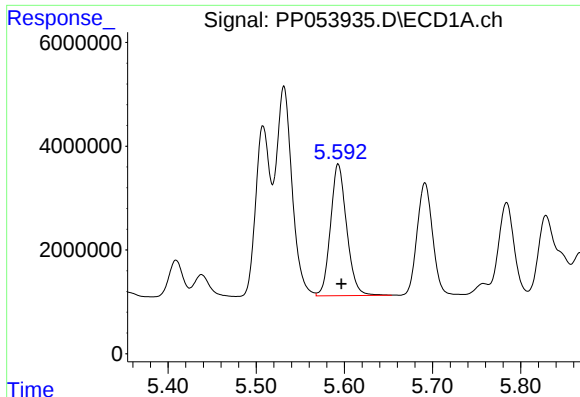
#4 AR-1016-2

R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 51058213
Conc: 512.58 ng/ml



#4 AR-1016-2

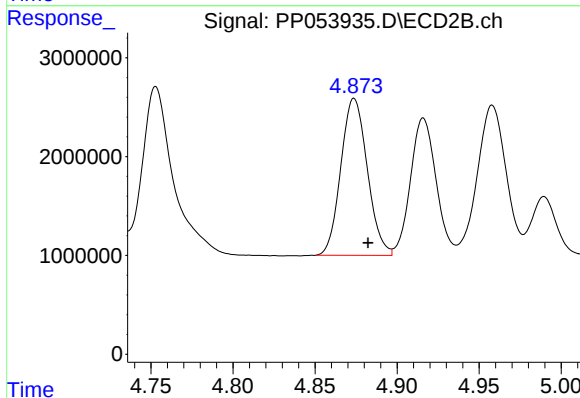
R.T.: 4.697 min
Delta R.T.: -0.008 min
Response: 33078062
Conc: 527.91 ng/ml



#5 AR-1016-3

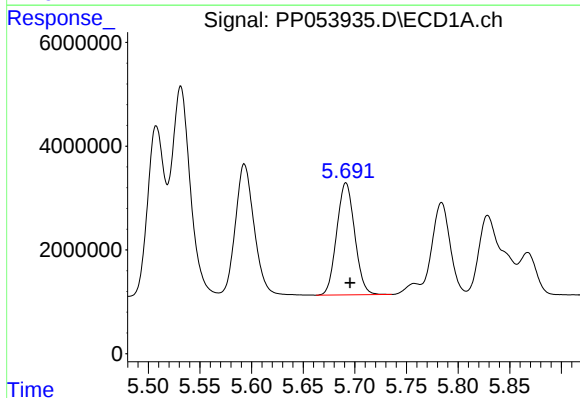
R.T.: 5.593 min
Delta R.T.: -0.003 min
Response: 32258368
Conc: 510.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



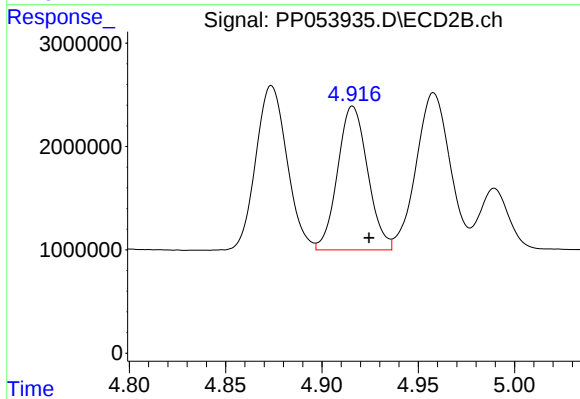
#5 AR-1016-3

R.T.: 4.874 min
Delta R.T.: -0.008 min
Response: 17840371
Conc: 525.62 ng/ml



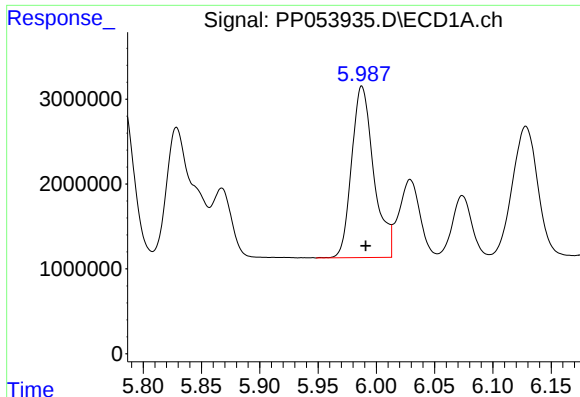
#6 AR-1016-4

R.T.: 5.691 min
Delta R.T.: -0.004 min
Response: 26199134
Conc: 528.71 ng/ml



#6 AR-1016-4

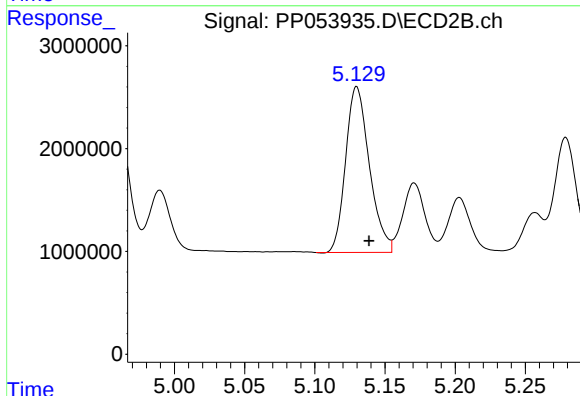
R.T.: 4.916 min
Delta R.T.: -0.008 min
Response: 15093372
Conc: 506.51 ng/ml



#7 AR-1016-5

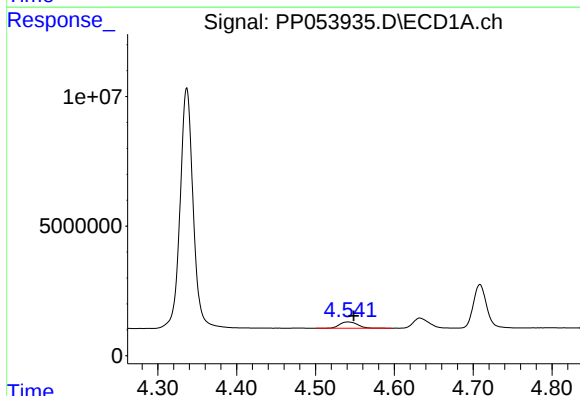
R.T.: 5.988 min
Delta R.T.: -0.003 min
Response: 26751791
Conc: 508.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



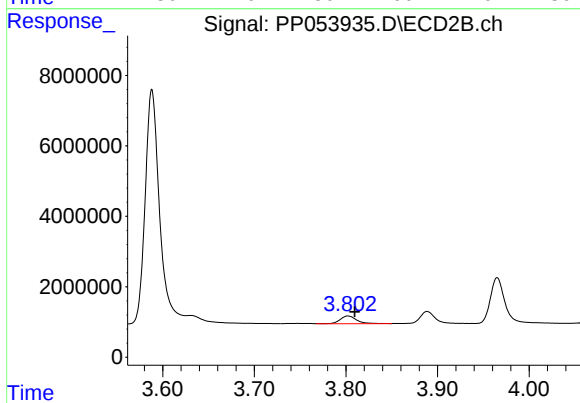
#7 AR-1016-5

R.T.: 5.130 min
Delta R.T.: -0.009 min
Response: 18998272
Conc: 523.92 ng/ml



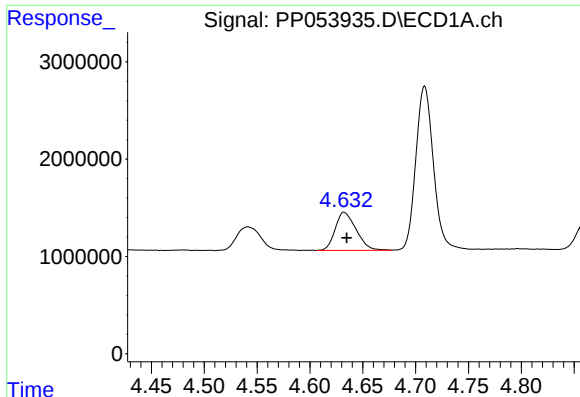
#8 AR-1221-1

R.T.: 4.541 min
Delta R.T.: -0.007 min
Response: 3823716
Conc: 148.42 ng/ml



#8 AR-1221-1

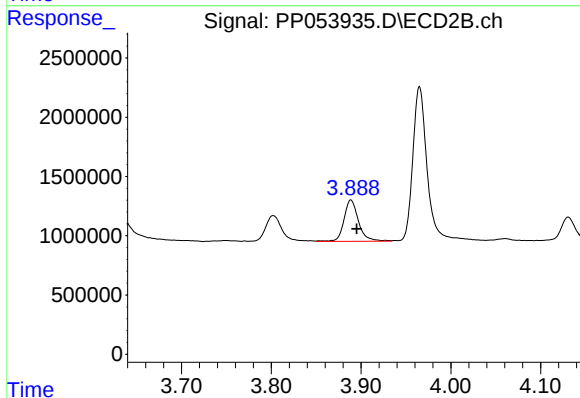
R.T.: 3.802 min
Delta R.T.: -0.008 min
Response: 2775828
Conc: 143.36 ng/ml



#9 AR-1221-2

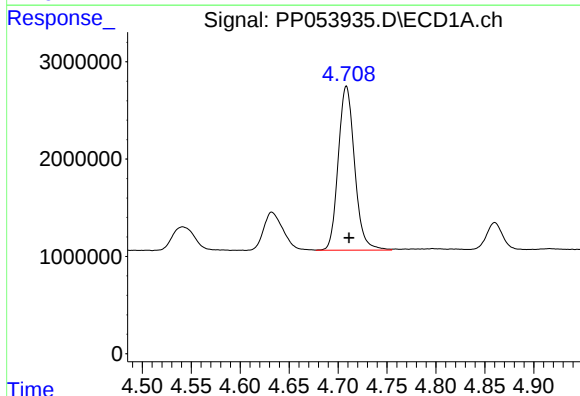
R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 5393555
Conc: 277.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



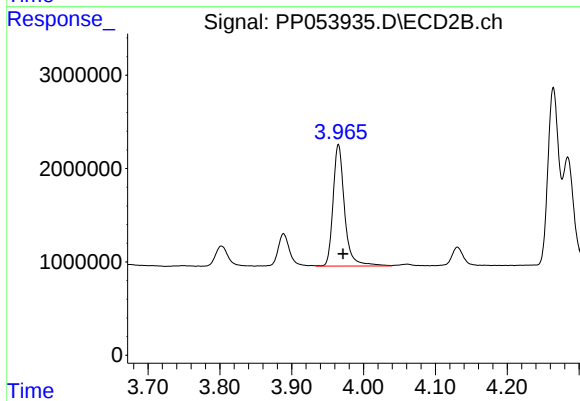
#9 AR-1221-2

R.T.: 3.889 min
Delta R.T.: -0.006 min
Response: 3921572
Conc: 268.28 ng/ml



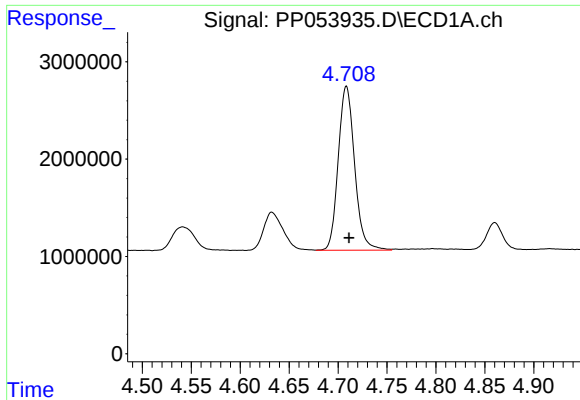
#10 AR-1221-3

R.T.: 4.709 min
Delta R.T.: -0.003 min
Response: 19628847
Conc: 337.75 ng/ml



#10 AR-1221-3

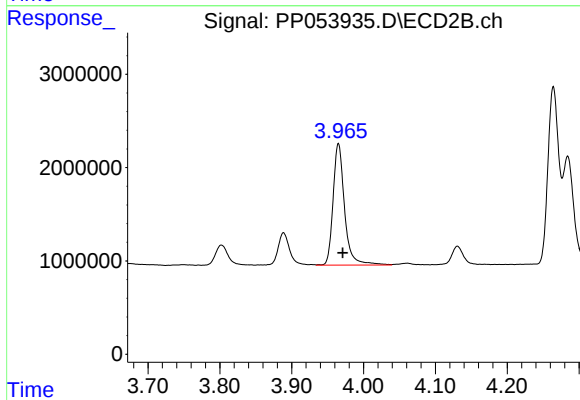
R.T.: 3.965 min
Delta R.T.: -0.007 min
Response: 14521712
Conc: 326.47 ng/ml



#11 AR-1232-1

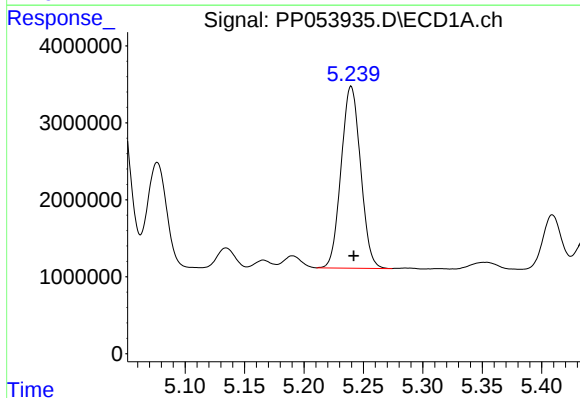
R.T.: 4.709 min
Delta R.T.: -0.003 min
Response: 19628847
Conc: 438.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



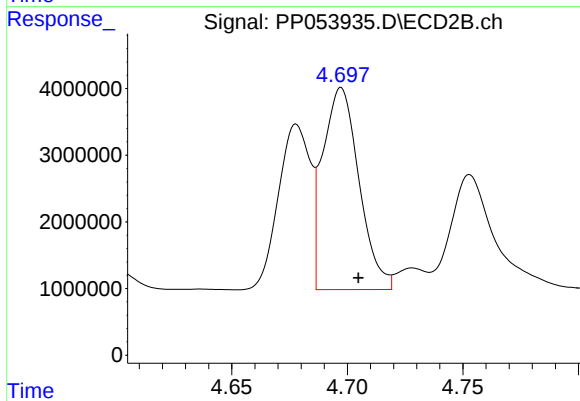
#11 AR-1232-1

R.T.: 3.965 min
Delta R.T.: -0.006 min
Response: 14521712
Conc: 422.00 ng/ml



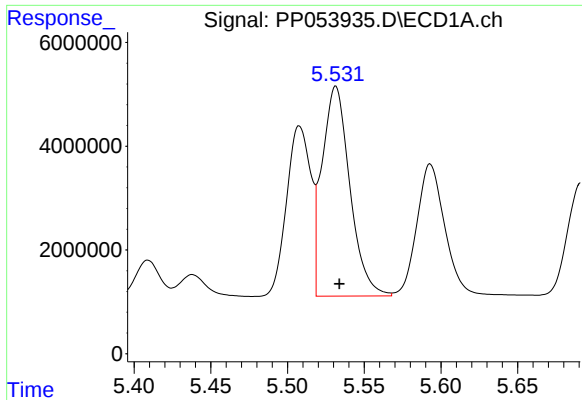
#12 AR-1232-2

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 26927713
Conc: 1046.81 ng/ml



#12 AR-1232-2

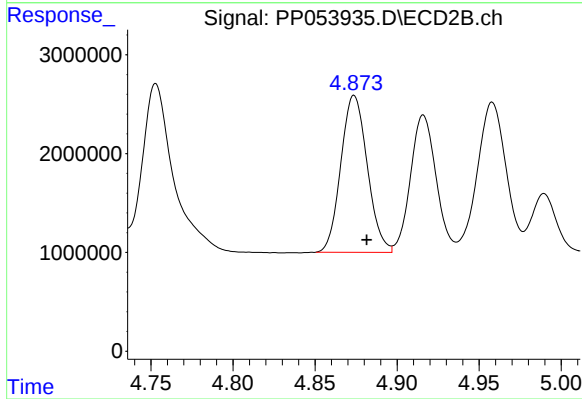
R.T.: 4.697 min
Delta R.T.: -0.007 min
Response: 33078062
Conc: 1108.28 ng/ml



#13 AR-1232-3

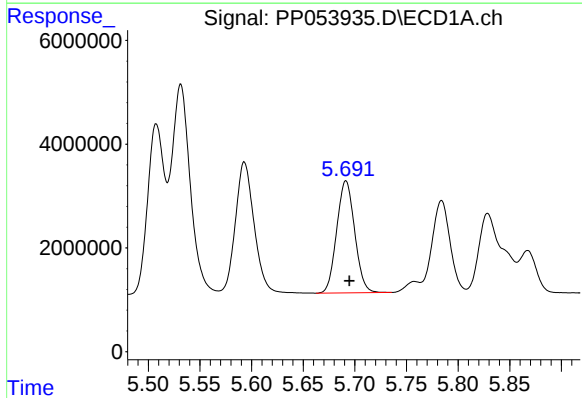
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 51058213
Conc: 1087.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



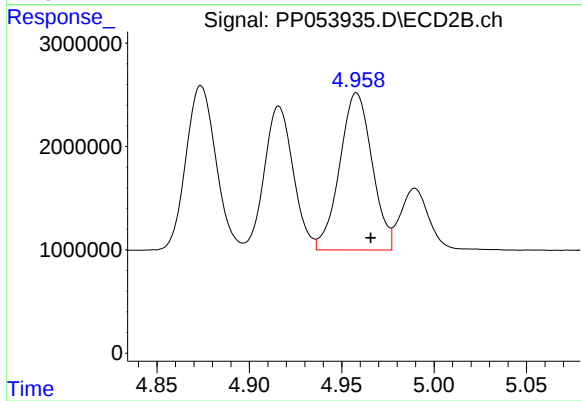
#13 AR-1232-3

R.T.: 4.874 min
Delta R.T.: -0.008 min
Response: 17840371
Conc: 1126.03 ng/ml



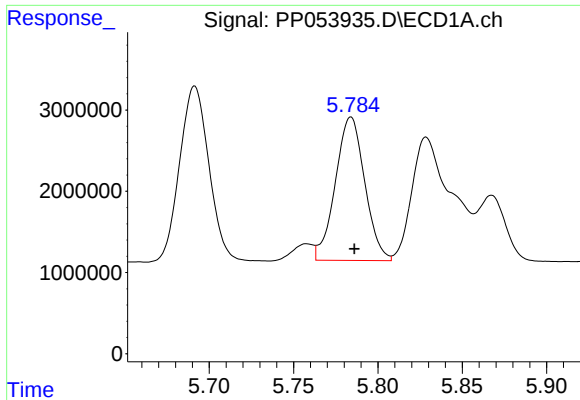
#14 AR-1232-4

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 26199134
Conc: 1105.73 ng/ml



#14 AR-1232-4

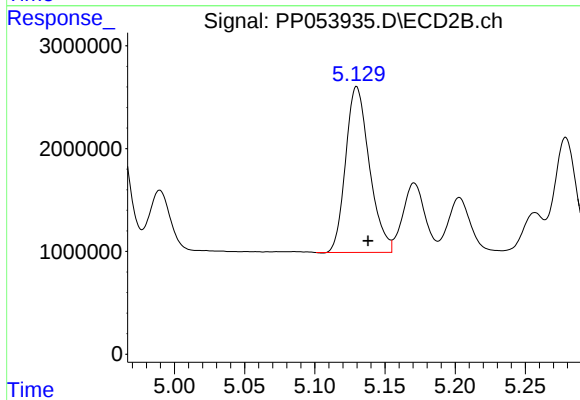
R.T.: 4.958 min
Delta R.T.: -0.008 min
Response: 18561557
Conc: 1201.19 ng/ml



#15 AR-1232-5

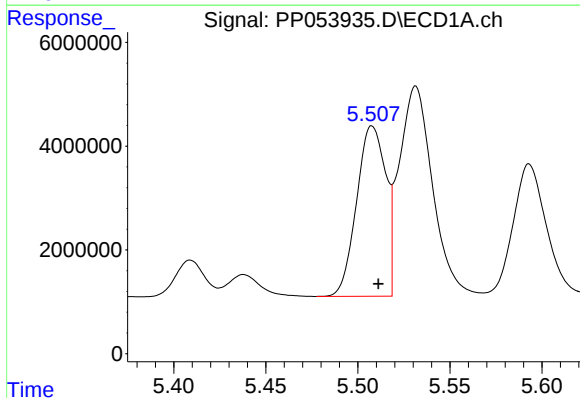
R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 21453494
Conc: 1163.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



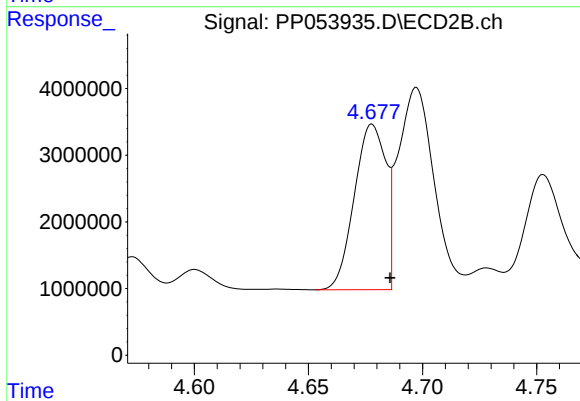
#15 AR-1232-5

R.T.: 5.130 min
Delta R.T.: -0.008 min
Response: 18998272
Conc: 1153.72 ng/ml



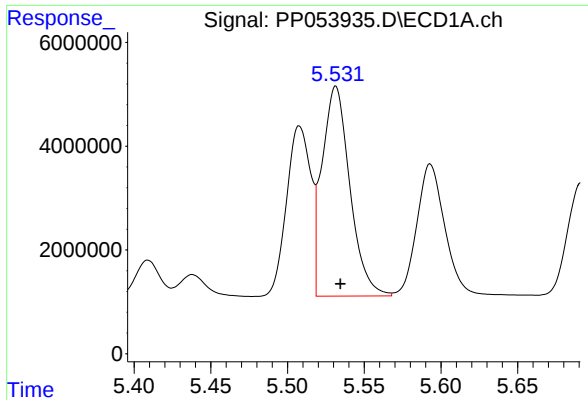
#16 AR-1242-1

R.T.: 5.508 min
Delta R.T.: -0.003 min
Response: 36120277
Conc: 689.57 ng/ml



#16 AR-1242-1

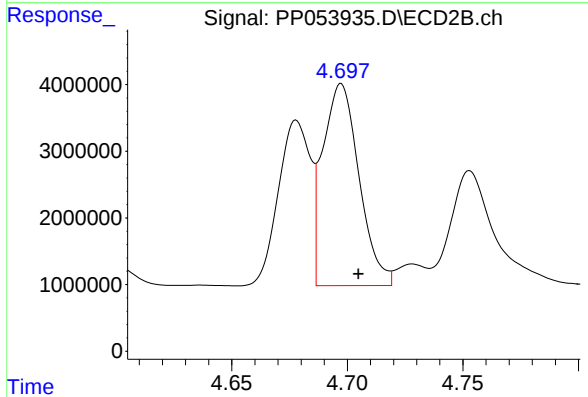
R.T.: 4.678 min
Delta R.T.: -0.008 min
Response: 23861256
Conc: 673.79 ng/ml



#17 AR-1242-2

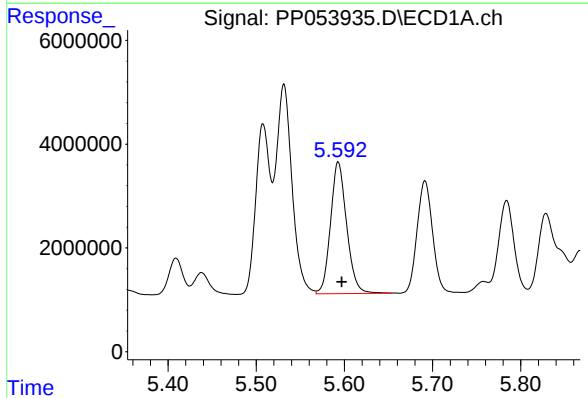
R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 51058213
Conc: 670.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



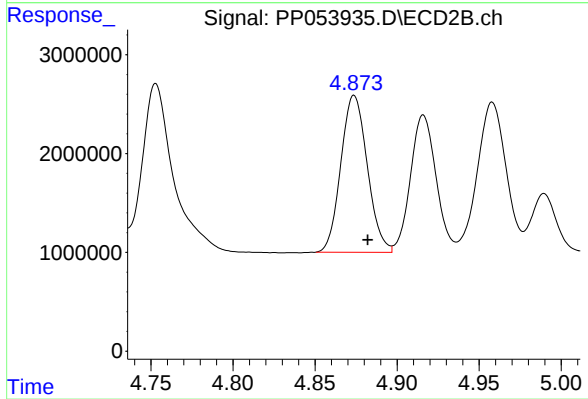
#17 AR-1242-2

R.T.: 4.697 min
Delta R.T.: -0.007 min
Response: 33078062
Conc: 688.52 ng/ml



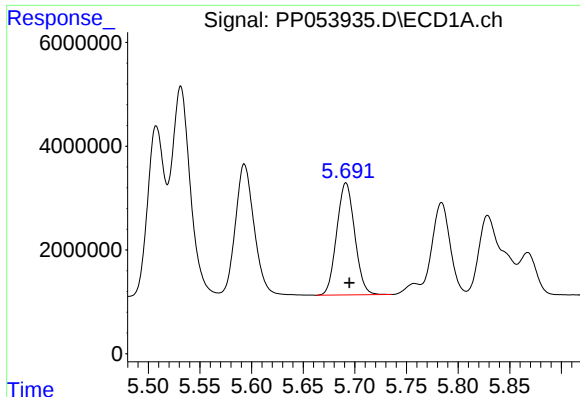
#18 AR-1242-3

R.T.: 5.593 min
Delta R.T.: -0.004 min
Response: 32258368
Conc: 658.40 ng/ml



#18 AR-1242-3

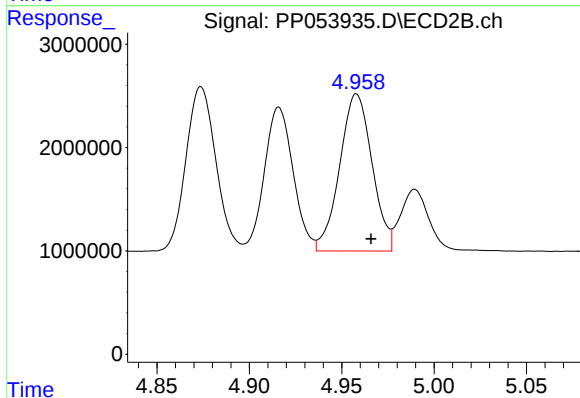
R.T.: 4.874 min
Delta R.T.: -0.008 min
Response: 17840371
Conc: 684.30 ng/ml



#19 AR-1242-4

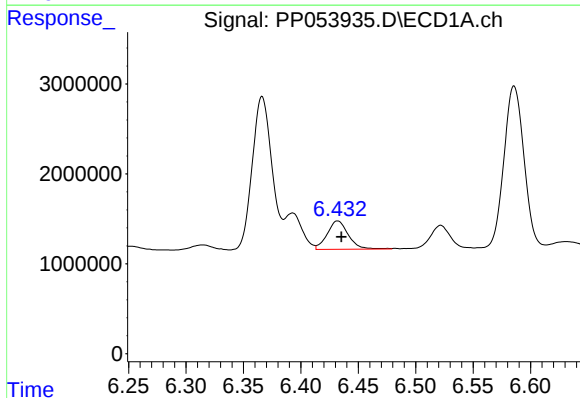
R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 26199134
Conc: 682.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



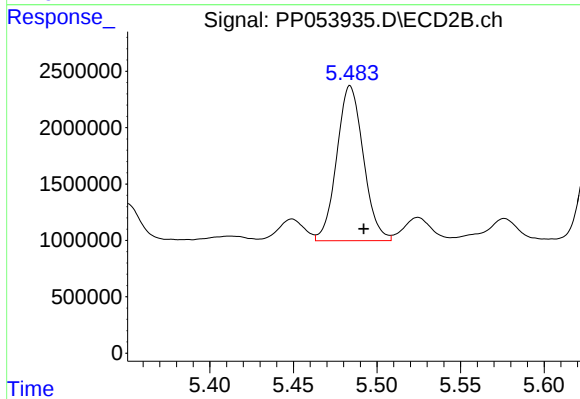
#19 AR-1242-4

R.T.: 4.958 min
Delta R.T.: -0.008 min
Response: 18561557
Conc: 650.63 ng/ml



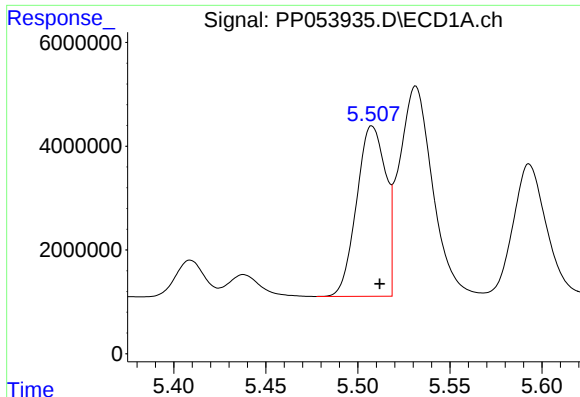
#20 AR-1242-5

R.T.: 6.432 min
Delta R.T.: -0.003 min
Response: 4020189
Conc: 98.57 ng/ml



#20 AR-1242-5

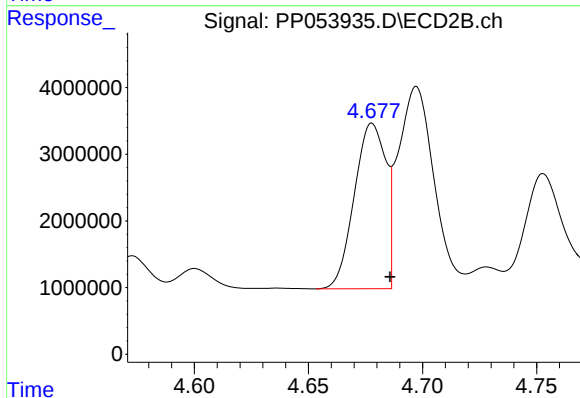
R.T.: 5.484 min
Delta R.T.: -0.008 min
Response: 15228016
Conc: 498.90 ng/ml



#21 AR-1248-1

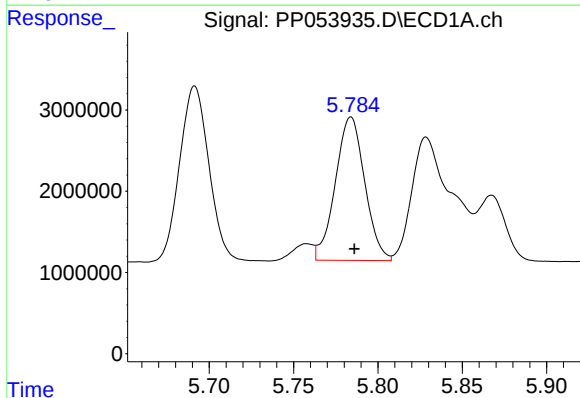
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 36120277
Conc: 857.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



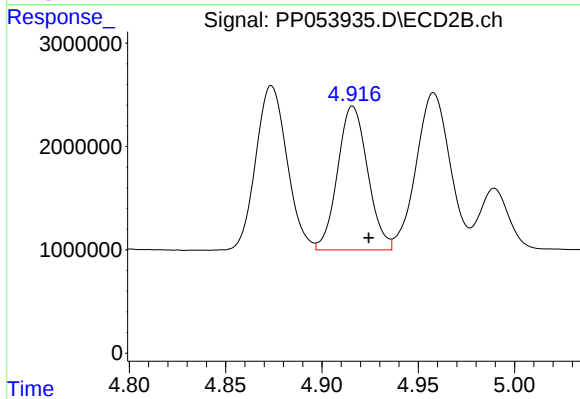
#21 AR-1248-1

R.T.: 4.678 min
Delta R.T.: -0.008 min
Response: 23861256
Conc: 838.78 ng/ml



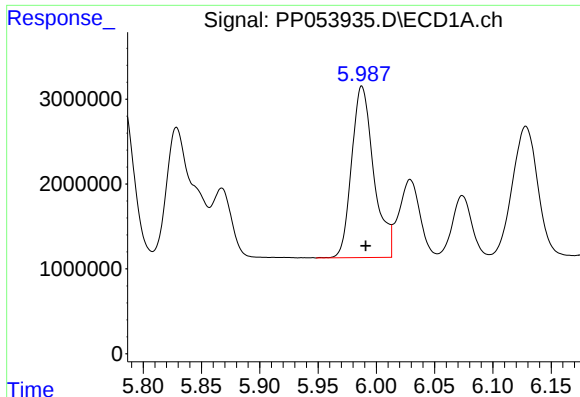
#22 AR-1248-2

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 21453494
Conc: 339.45 ng/ml



#22 AR-1248-2

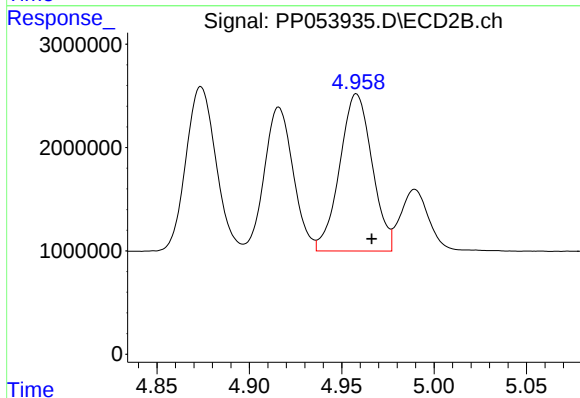
R.T.: 4.916 min
Delta R.T.: -0.008 min
Response: 15093372
Conc: 364.85 ng/ml



#23 AR-1248-3

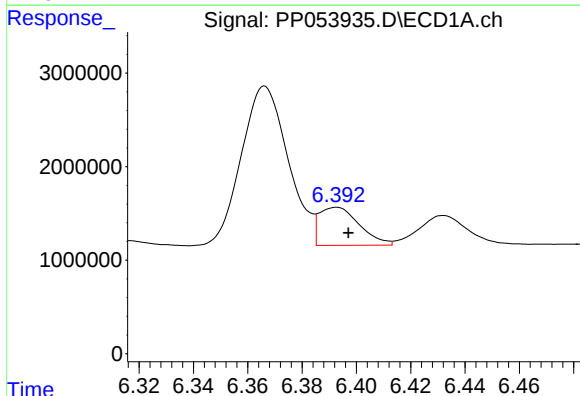
R.T.: 5.988 min
Delta R.T.: -0.003 min
Response: 26751791
Conc: 381.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



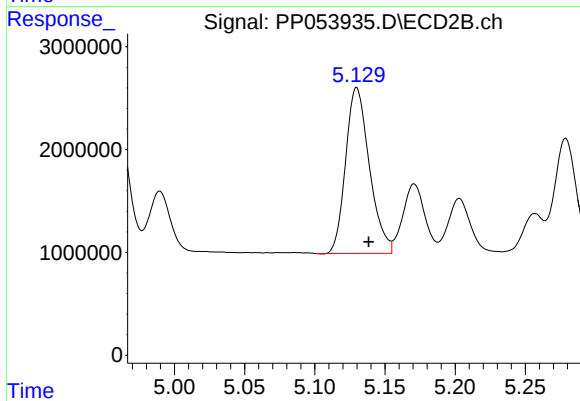
#23 AR-1248-3

R.T.: 4.958 min
Delta R.T.: -0.008 min
Response: 18561557
Conc: 441.97 ng/ml



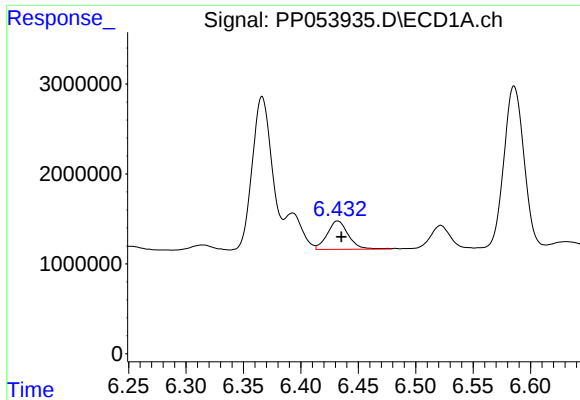
#24 AR-1248-4

R.T.: 6.393 min
Delta R.T.: -0.004 min
Response: 4186332
Conc: 59.36 ng/ml



#24 AR-1248-4

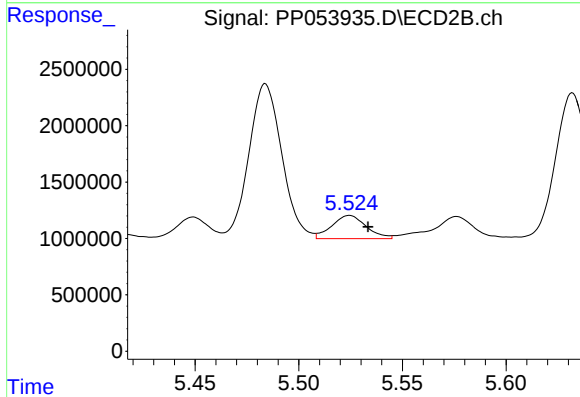
R.T.: 5.130 min
Delta R.T.: -0.009 min
Response: 18998272
Conc: 394.86 ng/ml



#25 AR-1248-5

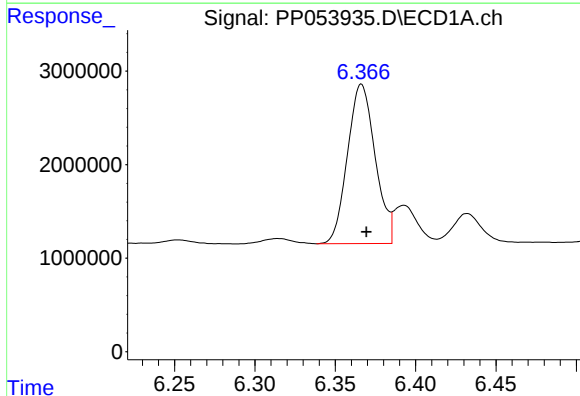
R.T.: 6.432 min
Delta R.T.: -0.003 min
Response: 4020189
Conc: 57.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



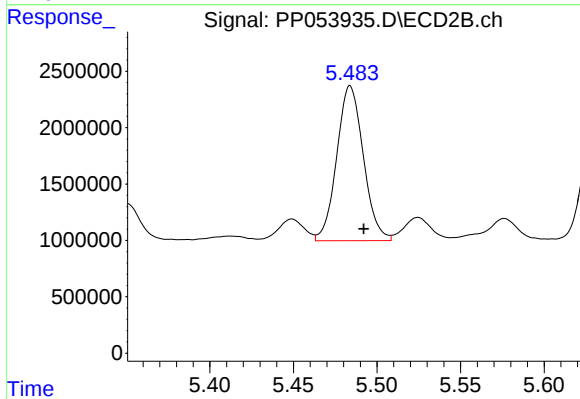
#25 AR-1248-5

R.T.: 5.524 min
Delta R.T.: -0.009 min
Response: 2375479
Conc: 63.26 ng/ml



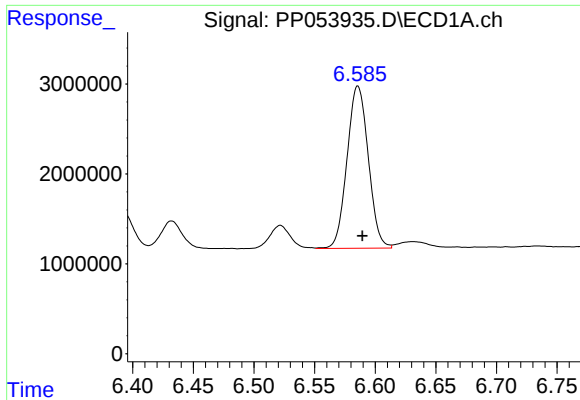
#26 AR-1254-1

R.T.: 6.366 min
Delta R.T.: -0.003 min
Response: 20434022
Conc: 263.69 ng/ml



#26 AR-1254-1

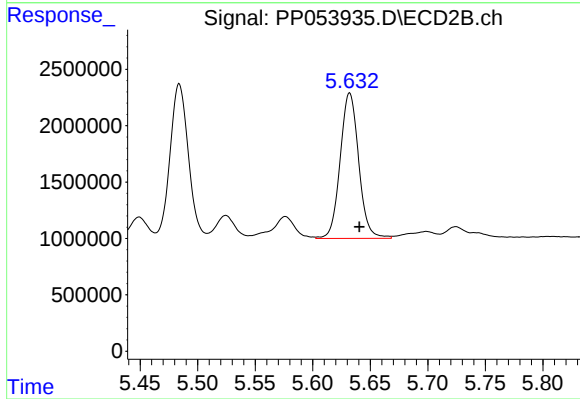
R.T.: 5.484 min
Delta R.T.: -0.008 min
Response: 15228016
Conc: 232.55 ng/ml



#27 AR-1254-2

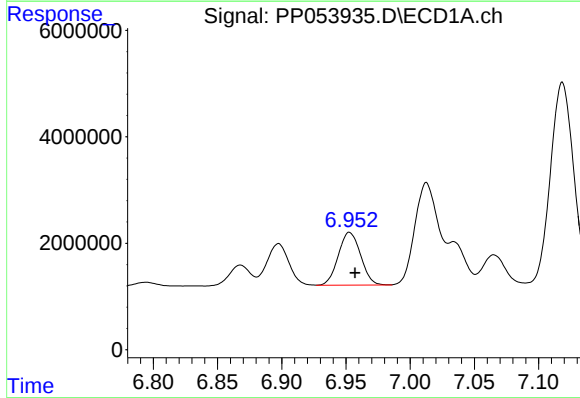
R.T.: 6.586 min
Delta R.T.: -0.004 min
Response: 22025234
Conc: 189.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



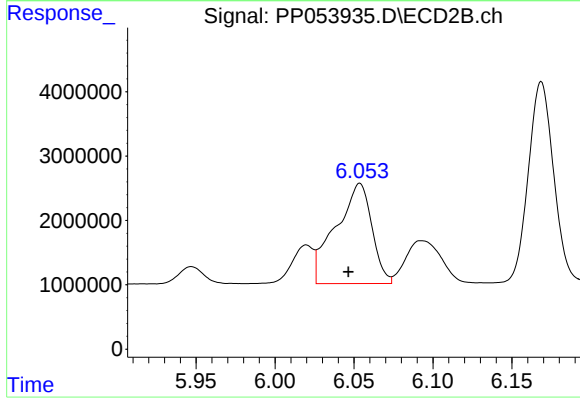
#27 AR-1254-2

R.T.: 5.632 min
Delta R.T.: -0.008 min
Response: 14501654
Conc: 248.66 ng/ml



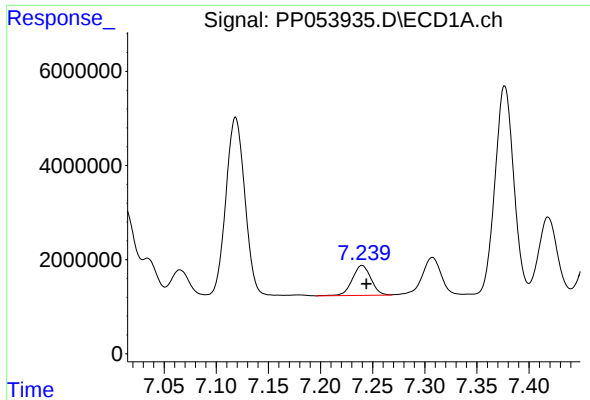
#28 AR-1254-3

R.T.: 6.953 min
Delta R.T.: -0.004 min
Response: 12008009
Conc: 102.52 ng/ml



#28 AR-1254-3

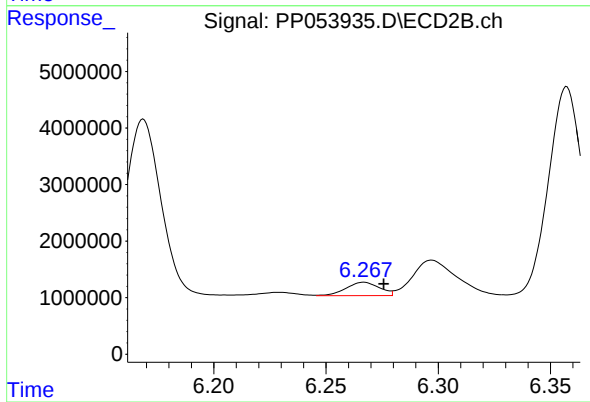
R.T.: 6.054 min
Delta R.T.: 0.007 min
Response: 24790238
Conc: 281.80 ng/ml



#29 AR-1254-4

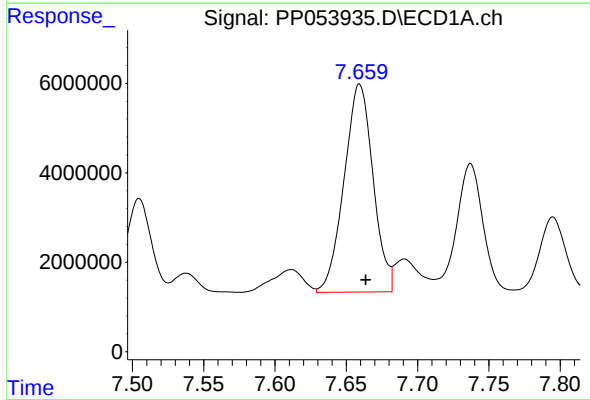
R.T.: 7.240 min
Delta R.T.: -0.004 min
Response: 7964199
Conc: 100.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



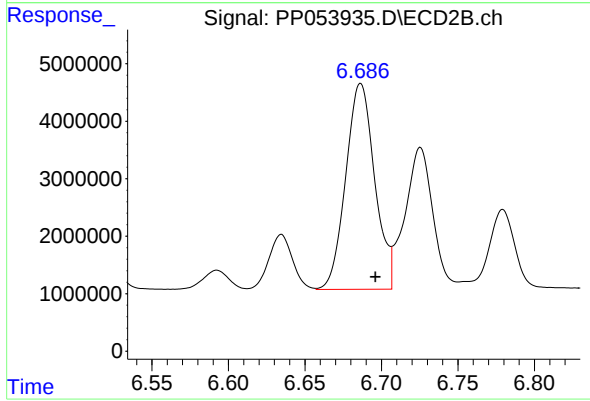
#29 AR-1254-4

R.T.: 6.267 min
Delta R.T.: -0.009 min
Response: 2432066
Conc: 53.08 ng/ml



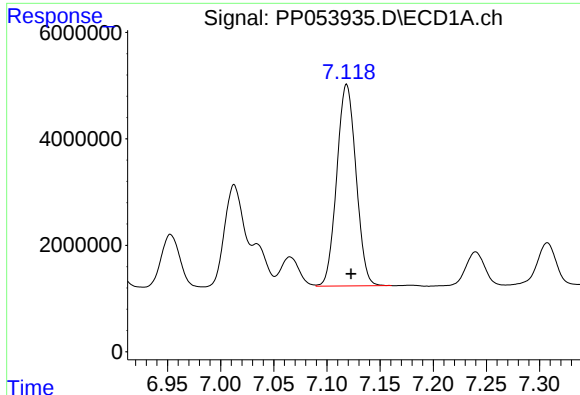
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 65817480
Conc: 674.88 ng/ml



#30 AR-1254-5

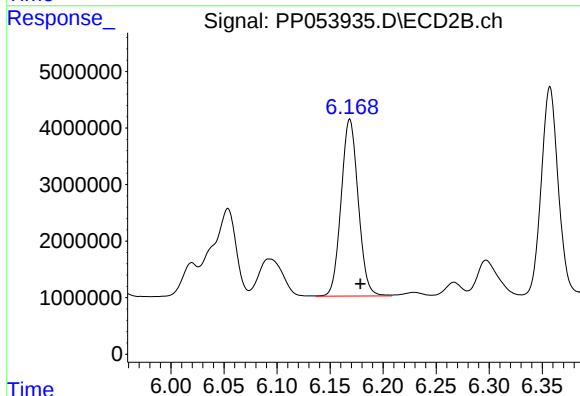
R.T.: 6.686 min
Delta R.T.: -0.010 min
Response: 47179485
Conc: 605.38 ng/ml



#31 AR-1260-1

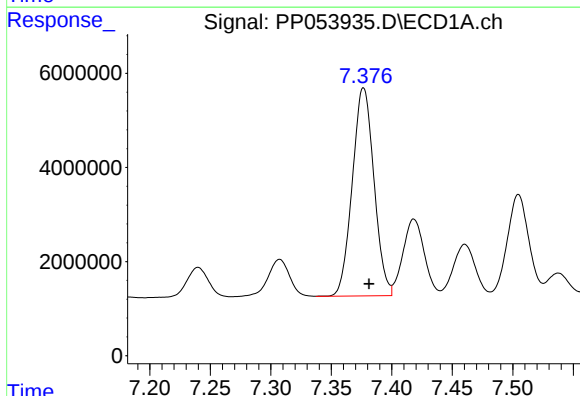
R.T.: 7.119 min
Delta R.T.: -0.004 min
Response: 47709573
Conc: 494.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



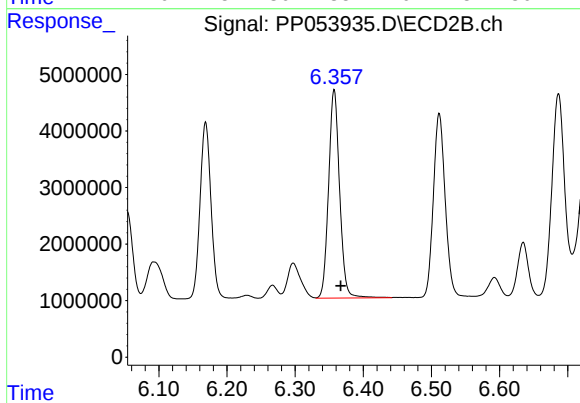
#31 AR-1260-1

R.T.: 6.169 min
Delta R.T.: -0.010 min
Response: 35059047
Conc: 537.48 ng/ml



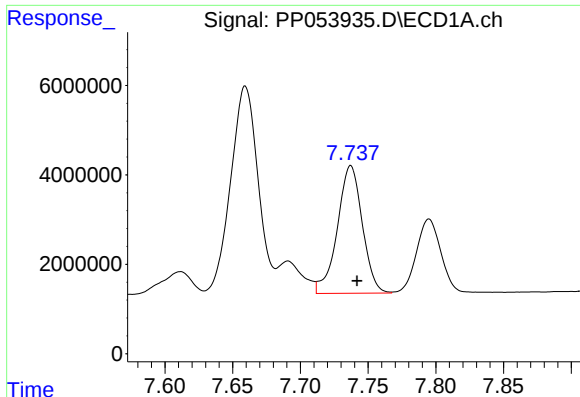
#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.004 min
Response: 55143017
Conc: 499.16 ng/ml



#32 AR-1260-2

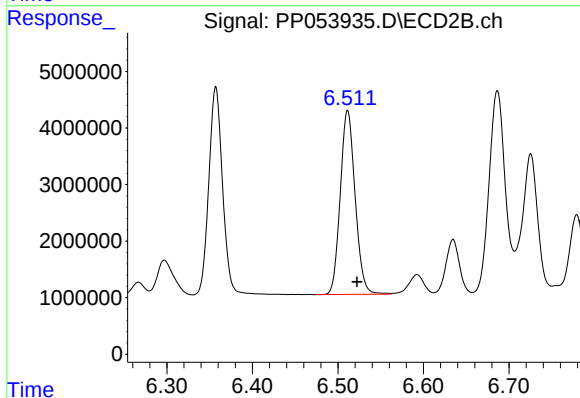
R.T.: 6.357 min
Delta R.T.: -0.010 min
Response: 41488773
Conc: 550.94 ng/ml



#33 AR-1260-3

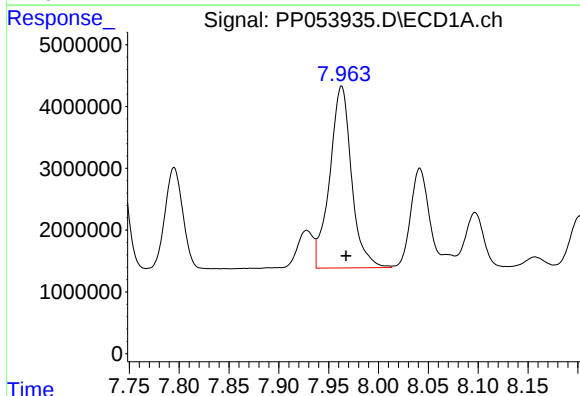
R.T.: 7.737 min
Delta R.T.: -0.005 min
Response: 36688372
Conc: 485.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



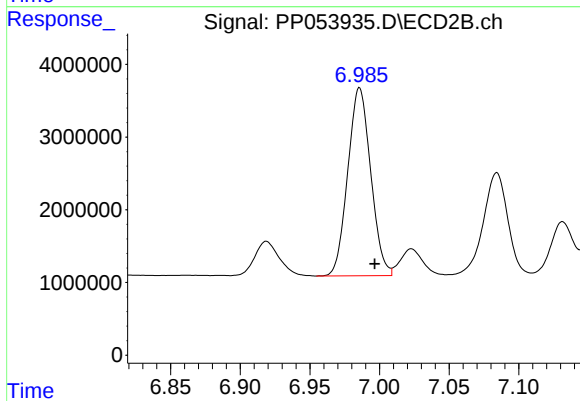
#33 AR-1260-3

R.T.: 6.511 min
Delta R.T.: -0.011 min
Response: 39324332
Conc: 542.52 ng/ml



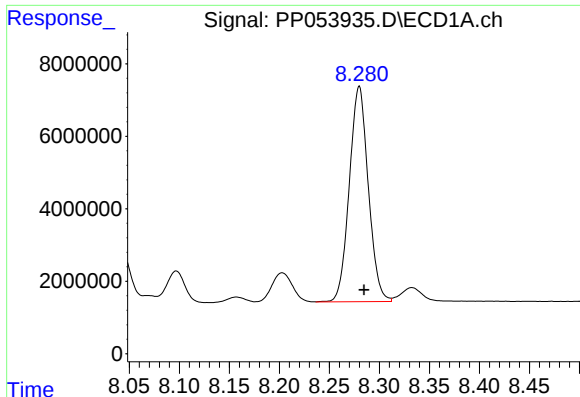
#34 AR-1260-4

R.T.: 7.963 min
Delta R.T.: -0.005 min
Response: 44768672
Conc: 477.00 ng/ml



#34 AR-1260-4

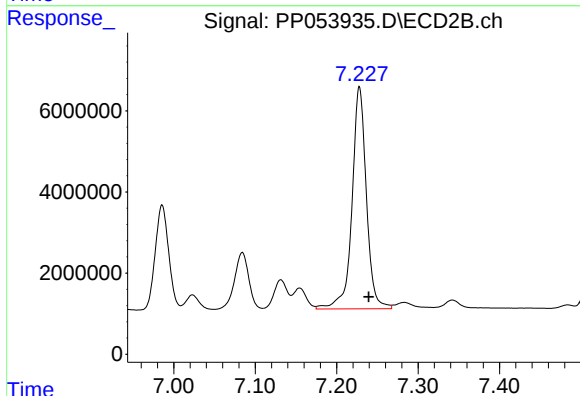
R.T.: 6.986 min
Delta R.T.: -0.011 min
Response: 29624528
Conc: 545.99 ng/ml



#35 AR-1260-5

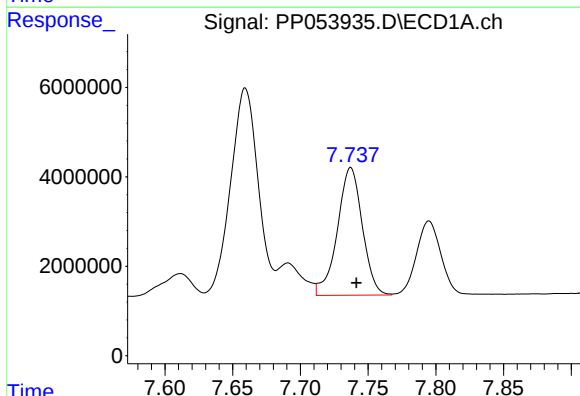
R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 78376601
Conc: 494.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



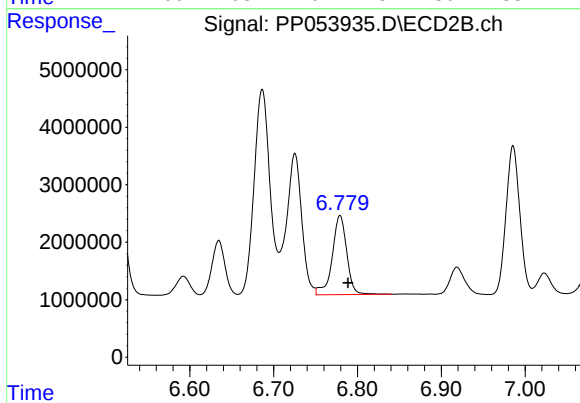
#35 AR-1260-5

R.T.: 7.228 min
Delta R.T.: -0.011 min
Response: 67133521
Conc: 561.39 ng/ml



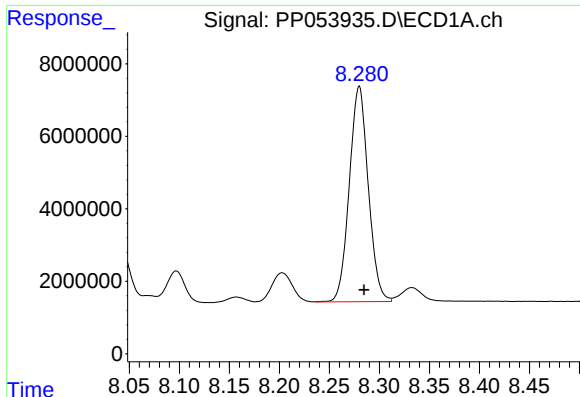
#36 AR-1262-1

R.T.: 7.737 min
Delta R.T.: -0.004 min
Response: 36688372
Conc: 306.49 ng/ml



#36 AR-1262-1

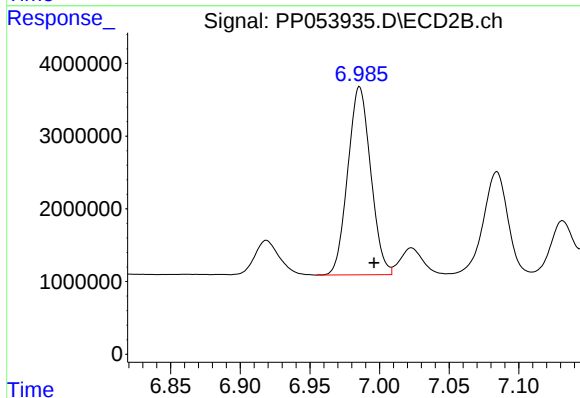
R.T.: 6.779 min
Delta R.T.: -0.009 min
Response: 16638665
Conc: 466.52 ng/ml



#37 AR-1262-2

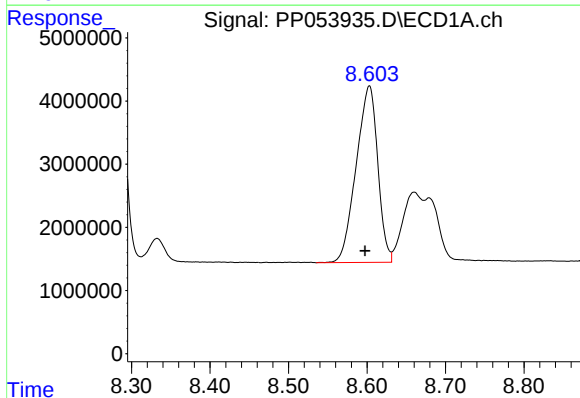
R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 78376601
Conc: 408.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



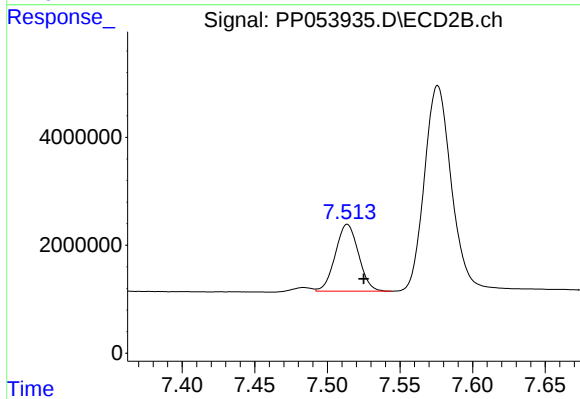
#37 AR-1262-2

R.T.: 6.986 min
Delta R.T.: -0.011 min
Response: 29624528
Conc: 381.11 ng/ml



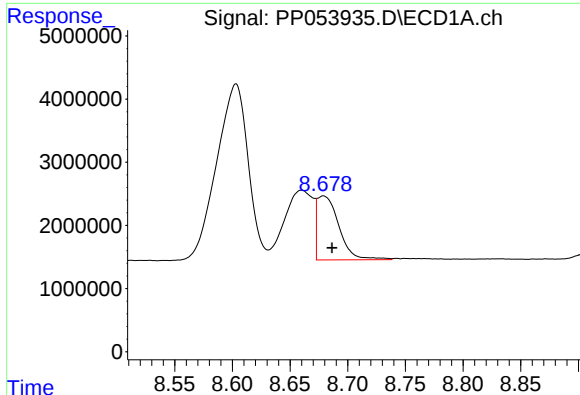
#38 AR-1262-3

R.T.: 8.603 min
Delta R.T.: 0.005 min
Response: 53324128
Conc: 384.83 ng/ml



#38 AR-1262-3

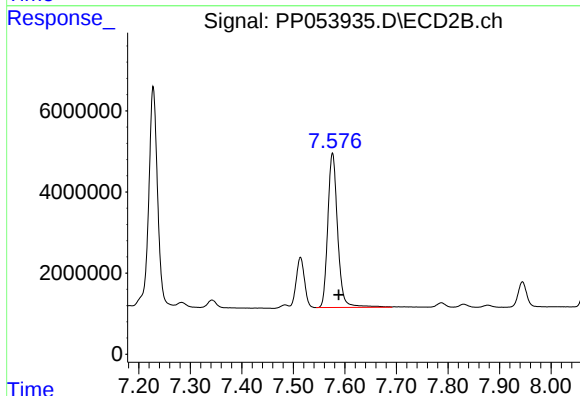
R.T.: 7.514 min
Delta R.T.: -0.011 min
Response: 13776403
Conc: 218.66 ng/ml



#39 AR-1262-4

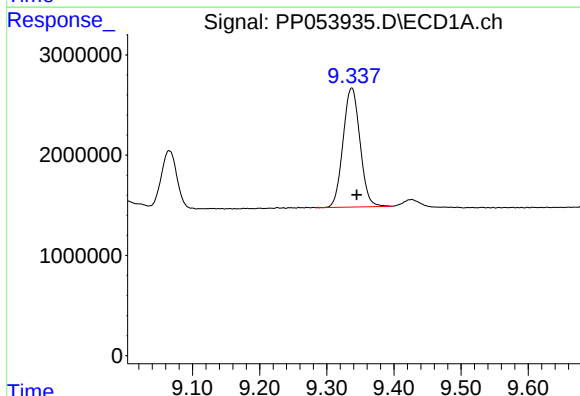
R.T.: 8.679 min
Delta R.T.: -0.007 min
Response: 13386562
Conc: 215.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



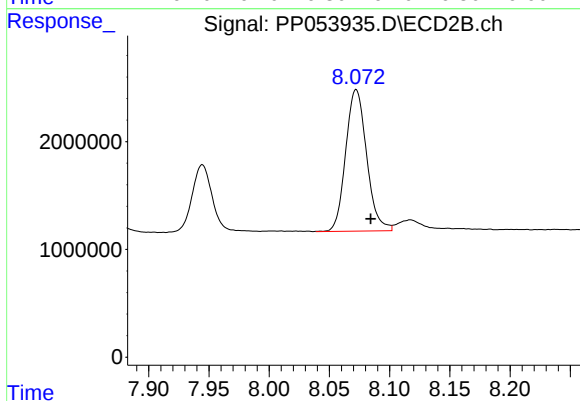
#39 AR-1262-4

R.T.: 7.576 min
Delta R.T.: -0.012 min
Response: 50568022
Conc: 442.27 ng/ml



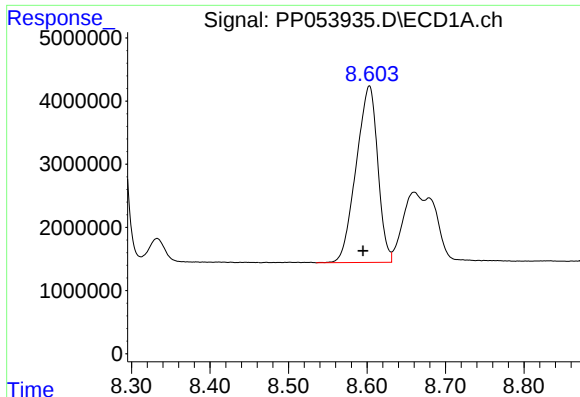
#40 AR-1262-5

R.T.: 9.337 min
Delta R.T.: -0.007 min
Response: 20788326
Conc: 294.18 ng/ml



#40 AR-1262-5

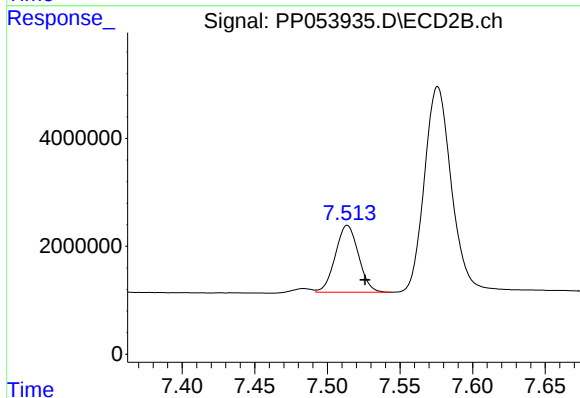
R.T.: 8.072 min
Delta R.T.: -0.012 min
Response: 15916776
Conc: 319.51 ng/ml



#41 AR-1268-1

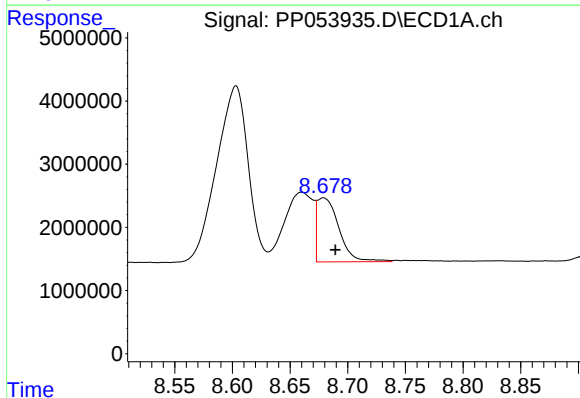
R.T.: 8.603 min
Delta R.T.: 0.008 min
Response: 53324128
Conc: 218.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



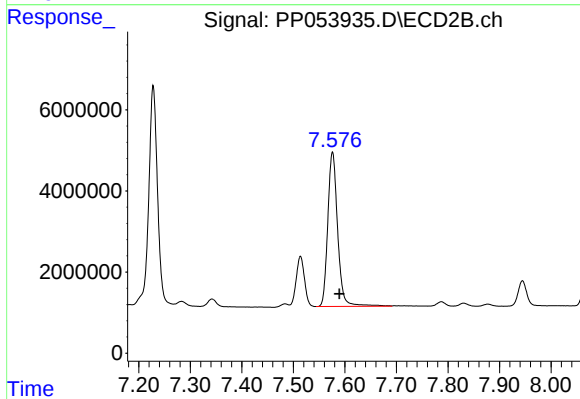
#41 AR-1268-1

R.T.: 7.514 min
Delta R.T.: -0.012 min
Response: 13776403
Conc: 76.15 ng/ml



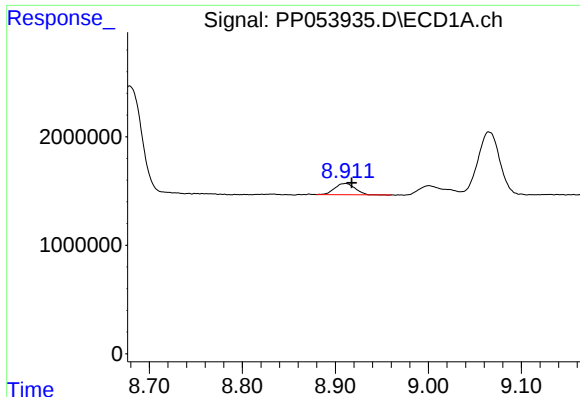
#42 AR-1268-2

R.T.: 8.679 min
Delta R.T.: -0.010 min
Response: 13386562
Conc: 58.90 ng/ml



#42 AR-1268-2

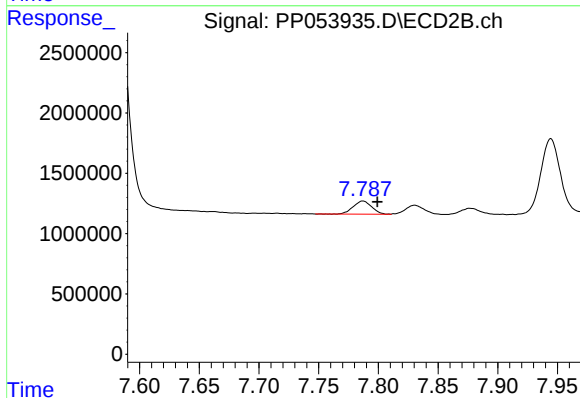
R.T.: 7.576 min
Delta R.T.: -0.013 min
Response: 50568022
Conc: 296.33 ng/ml



#43 AR-1268-3

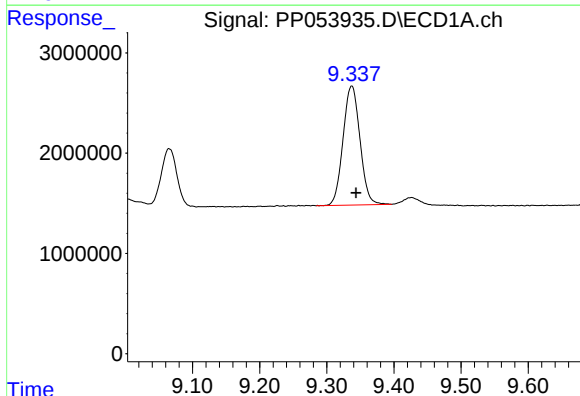
R.T.: 8.911 min
Delta R.T.: -0.007 min
Response: 1566348
Conc: 8.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



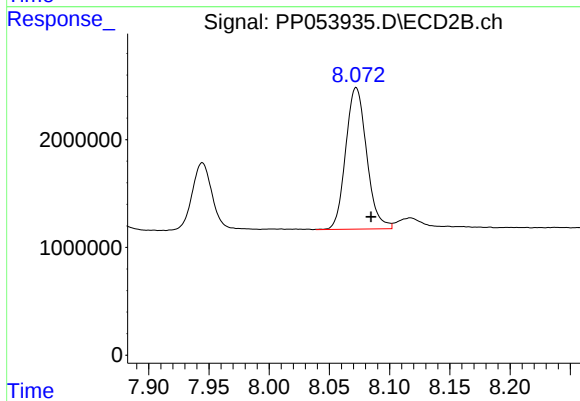
#43 AR-1268-3

R.T.: 7.787 min
Delta R.T.: -0.012 min
Response: 1169454
Conc: 7.92 ng/ml



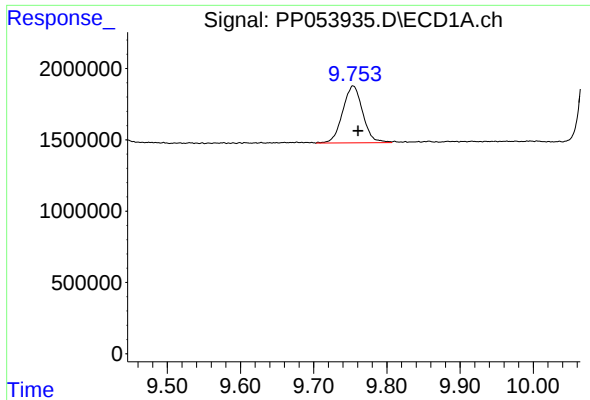
#44 AR-1268-4

R.T.: 9.337 min
Delta R.T.: -0.006 min
Response: 20788326
Conc: 270.06 ng/ml



#44 AR-1268-4

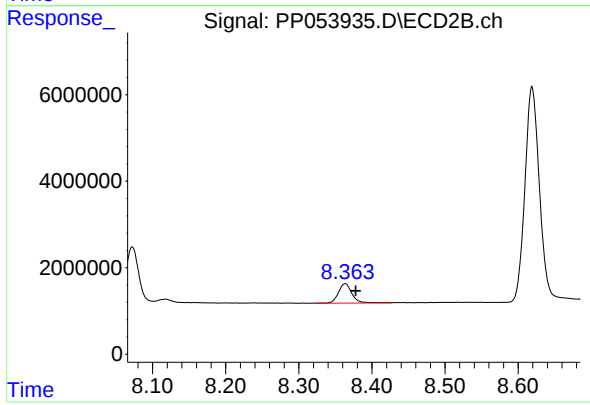
R.T.: 8.072 min
Delta R.T.: -0.012 min
Response: 15916776
Conc: 285.60 ng/ml



#45 AR-1268-5

R.T.: 9.754 min
Delta R.T.: -0.007 min
Response: 7605937
Conc: 12.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.363 min
Delta R.T.: -0.014 min
Response: 5808528
Conc: 12.29 ng/ml