

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020123\
 Data File : PP055194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 11:18
 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: Feb 01 12:47:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 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...	4.332	3.575	80847832	71098746	46.498	47.361
2)	SA Decachlor...	10.087	8.589	84560017	67557595	48.831	50.022
Target Compounds							
3)	L1 AR-1016-1	5.503	4.659	30710476	23142134	456.932	467.575
4)	L1 AR-1016-2	5.525	4.678	43707492	32532726	456.098	469.996
5)	L1 AR-1016-3	5.588	4.854	27605456	17675427	461.503	475.189
6)	L1 AR-1016-4	5.686	4.896	22236623	15119074	464.055	481.158
7)	L1 AR-1016-5	5.982	5.109	23354967	20400348	460.885	498.975
8)	L2 AR-1221-1	4.535	3.787	2908901	2655666	123.704	133.943
9)	L2 AR-1221-2	4.628	3.873	4370732	3745530	246.003	252.695
10)	L2 AR-1221-3	4.703	3.948	16884376	14219593	313.780	315.189
11)	L3 AR-1232-1	4.703	3.948	16884376	14219593	380.426	385.779
12)	L3 AR-1232-2	5.234	4.678	22405251	32532726	990.734	1018.477
13)	L3 AR-1232-3	5.525	4.854	43707492	17675427	995.223	1060.251
14)	L3 AR-1232-4	5.686	4.938	22236623	18599043	1004.627	1153.349
15)	L3 AR-1232-5	5.778	5.109	19123550	20400348	1092.335	1155.076
16)	L4 AR-1242-1	5.503	4.659	30710476	23142134	548.511	564.963
17)	L4 AR-1242-2	5.525	4.678	43707492	32532726	547.508	569.740
18)	L4 AR-1242-3	5.588	4.854	27605456	17675427	555.873	572.621
19)	L4 AR-1242-4	5.686	4.938	22236623	18599043	554.850	572.506
20)	L4 AR-1242-5	6.427	5.462	6746850	19247926	151.739	515.040 #
21)	L5 AR-1248-1	5.503	4.659	30710476	23142134	736.396	746.445
22)	L5 AR-1248-2	5.778	4.896	19123550	15119074	300.807	330.634
23)	L5 AR-1248-3	5.982	4.938	23354967	18599043	337.704	390.136
24)	L5 AR-1248-4	6.388	5.109	7966882	20400348	105.057	369.390 #
25)	L5 AR-1248-5	6.427	5.503	6746850	4549360	91.429	92.521
26)	L6 AR-1254-1	6.361	5.462	20201476	19247926	256.064	238.340
27)	L6 AR-1254-2	6.581	5.611	18519140	14153299	153.022	197.775 #
28)	L6 AR-1254-3	6.949	6.031	8458656	25607919	69.056	229.858 #
29)	L6 AR-1254-4	7.235	6.244	6175626	1593970	70.088	25.915 #
30)	L6 AR-1254-5	7.655	6.664	58034564	44841355	573.686	472.990
31)	L7 AR-1260-1	7.114	6.146	45076618	38463545	472.866	496.019
32)	L7 AR-1260-2	7.372	6.335	52498498	43593142	466.461	484.917
33)	L7 AR-1260-3	7.733	6.489	40310986	41728528	500.640	491.440
34)	L7 AR-1260-4	7.959	6.962	46163155	34985423	475.532	488.604
35)	L7 AR-1260-5	8.275	7.206	80926204	72035488	455.024	468.565
36)	L8 AR-1262-1	7.733	6.756	40310986	19540353	341.670	454.835 #
37)	L8 AR-1262-2	8.275	6.962	80926204	34985423	401.791	377.718
38)	L8 AR-1262-3	8.598	7.489	54462053	18177625	391.613	249.487 #
39)	L8 AR-1262-4	8.675	7.553	17334821	54917115	225.475	419.922 #
40)	L8 AR-1262-5	9.332	8.050	23377057	17231844	326.862	290.451
41)	L9 AR-1268-1	8.598	7.489	54462053	18177625	222.833	84.068 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
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 ALS Vial : 3 Sample Multiplier: 1

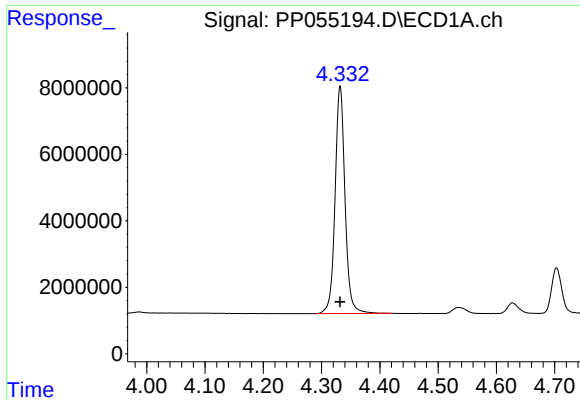
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 12:47:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.675	7.553	17334821	54917115	76.323	281.433 #
43) L9	AR-1268-3	8.907	7.760	1318103	966074	6.598	5.624
44) L9	AR-1268-4	9.332	8.050	23377057	17231844	297.621	270.166
45) L9	AR-1268-5	9.748	8.338	7180829	6125712	11.289	11.632

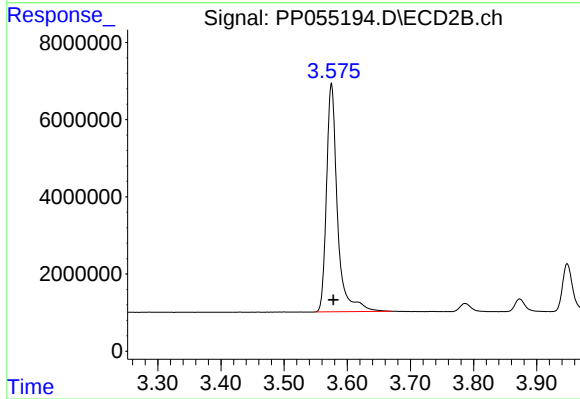
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

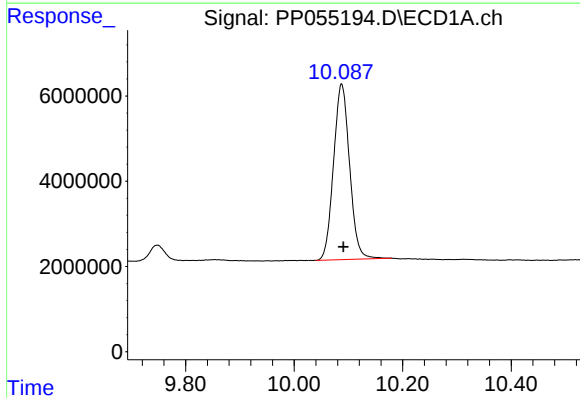
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 80847832
Conc: 46.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



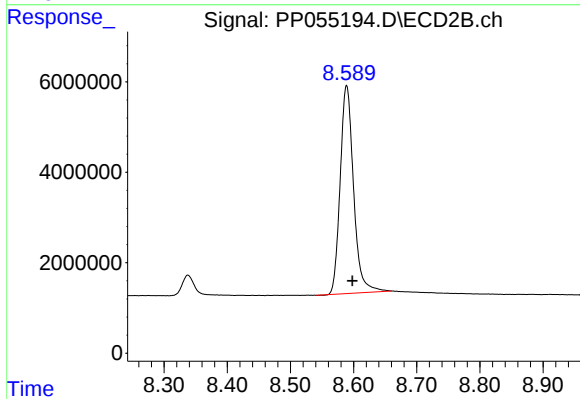
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: -0.003 min
Response: 71098746
Conc: 47.36 ng/ml



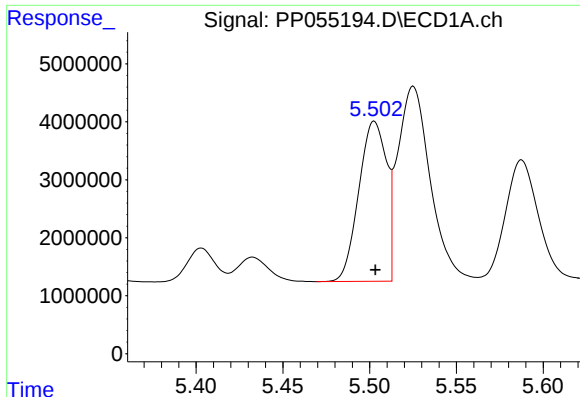
#2 Decachlorobiphenyl

R.T.: 10.087 min
Delta R.T.: -0.004 min
Response: 84560017
Conc: 48.83 ng/ml



#2 Decachlorobiphenyl

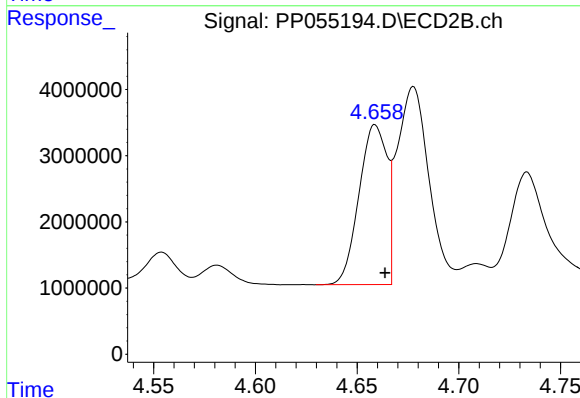
R.T.: 8.589 min
Delta R.T.: -0.009 min
Response: 67557595
Conc: 50.02 ng/ml



#3 AR-1016-1

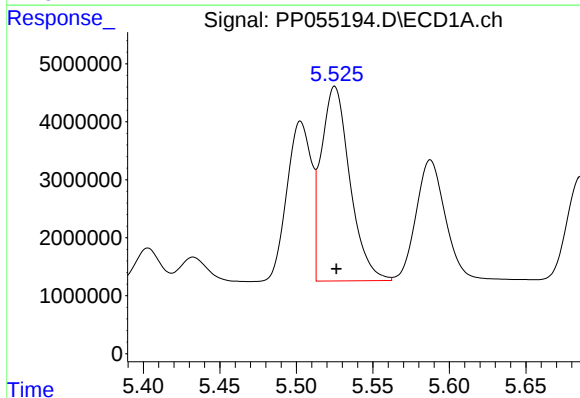
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 30710476
Conc: 456.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



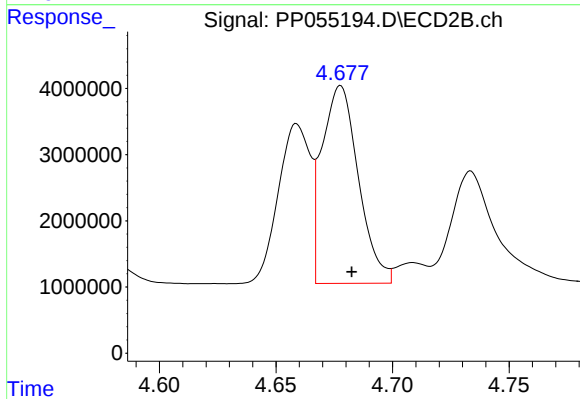
#3 AR-1016-1

R.T.: 4.659 min
Delta R.T.: -0.005 min
Response: 23142134
Conc: 467.58 ng/ml



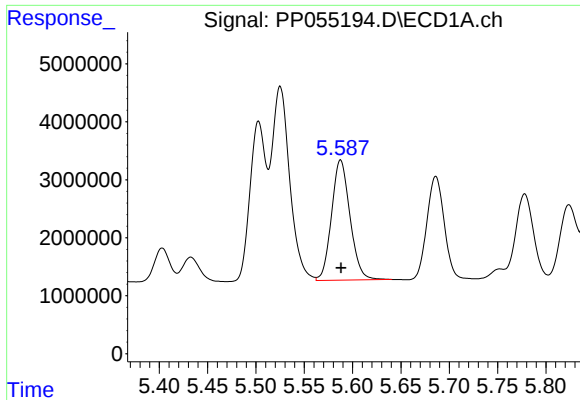
#4 AR-1016-2

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 43707492
Conc: 456.10 ng/ml



#4 AR-1016-2

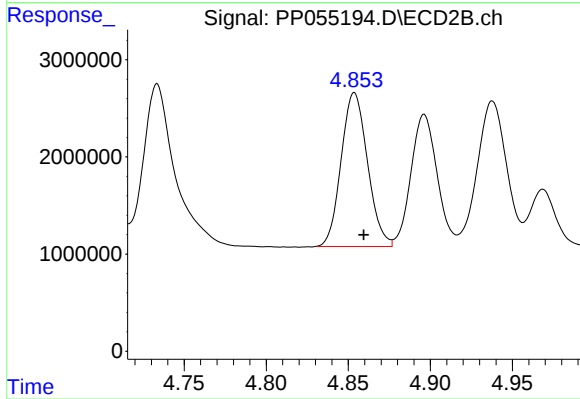
R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 32532726
Conc: 470.00 ng/ml



#5 AR-1016-3

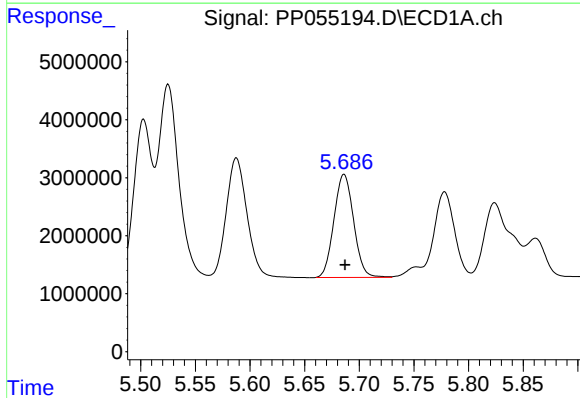
R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 27605456
Conc: 461.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



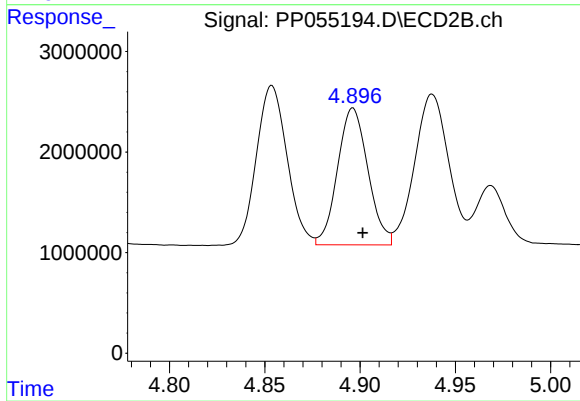
#5 AR-1016-3

R.T.: 4.854 min
Delta R.T.: -0.006 min
Response: 17675427
Conc: 475.19 ng/ml



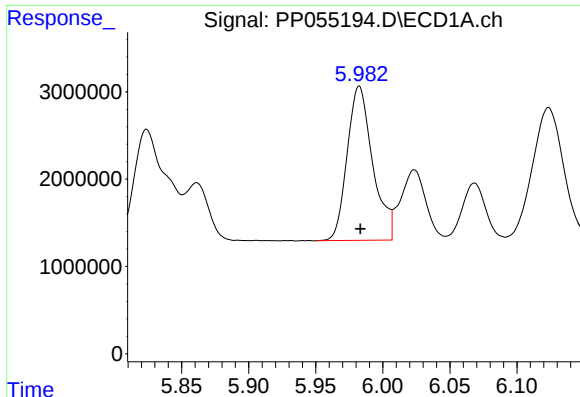
#6 AR-1016-4

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 22236623
Conc: 464.06 ng/ml



#6 AR-1016-4

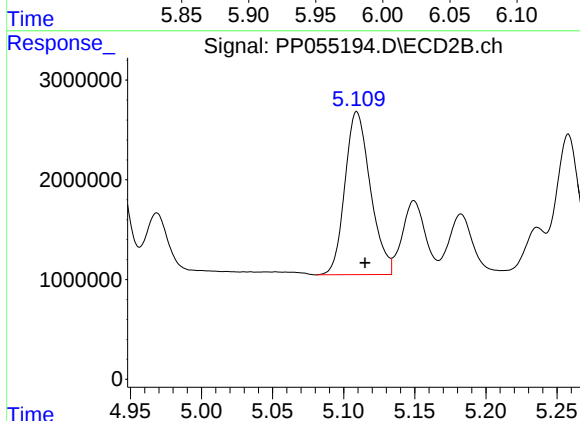
R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 15119074
Conc: 481.16 ng/ml



#7 AR-1016-5

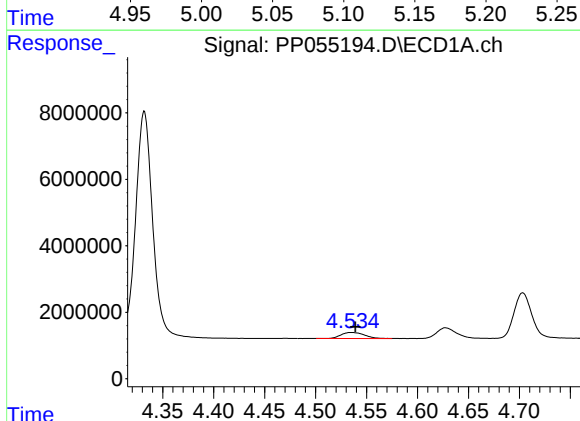
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 23354967
Conc: 460.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



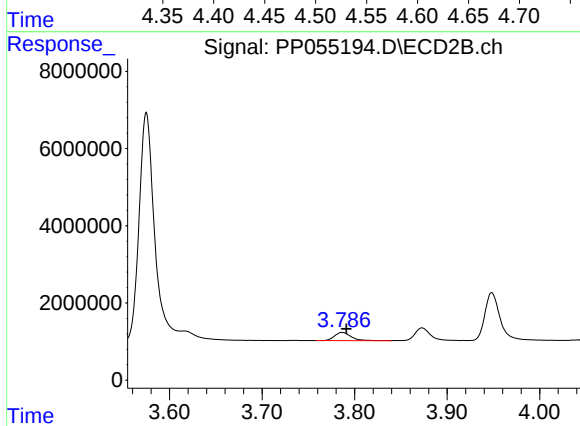
#7 AR-1016-5

R.T.: 5.109 min
Delta R.T.: -0.006 min
Response: 20400348
Conc: 498.98 ng/ml



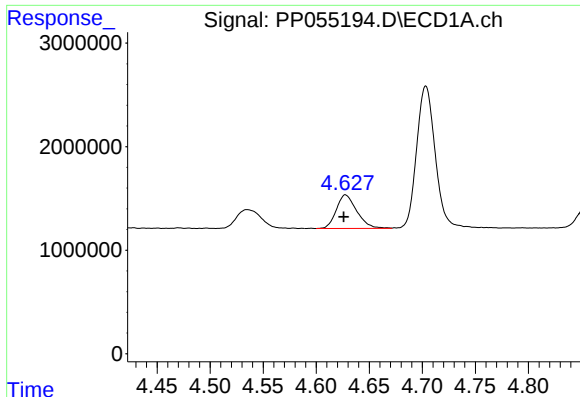
#8 AR-1221-1

R.T.: 4.535 min
Delta R.T.: -0.004 min
Response: 2908901
Conc: 123.70 ng/ml



#8 AR-1221-1

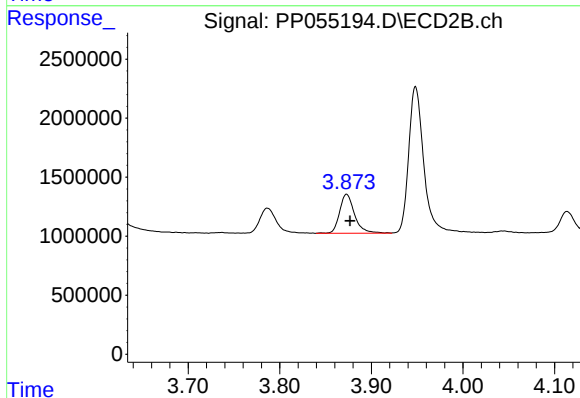
R.T.: 3.787 min
Delta R.T.: -0.005 min
Response: 2655666
Conc: 133.94 ng/ml



#9 AR-1221-2

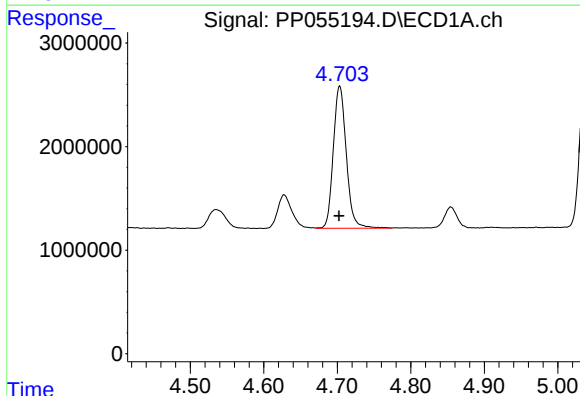
R.T.: 4.628 min
Delta R.T.: 0.002 min
Response: 4370732
Conc: 246.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



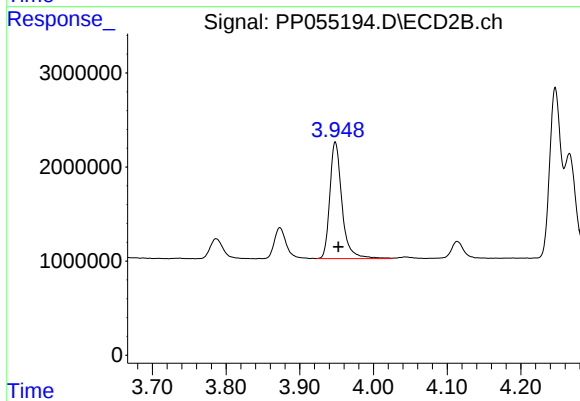
#9 AR-1221-2

R.T.: 3.873 min
Delta R.T.: -0.004 min
Response: 3745530
Conc: 252.69 ng/ml



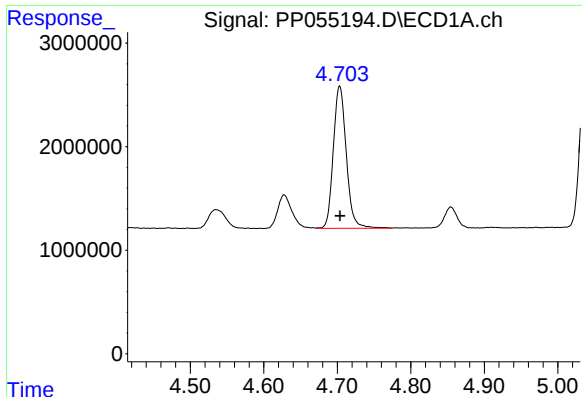
#10 AR-1221-3

R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 16884376
Conc: 313.78 ng/ml



#10 AR-1221-3

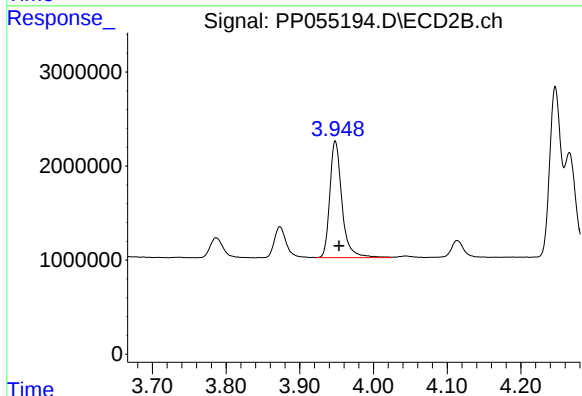
R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 14219593
Conc: 315.19 ng/ml



#11 AR-1232-1

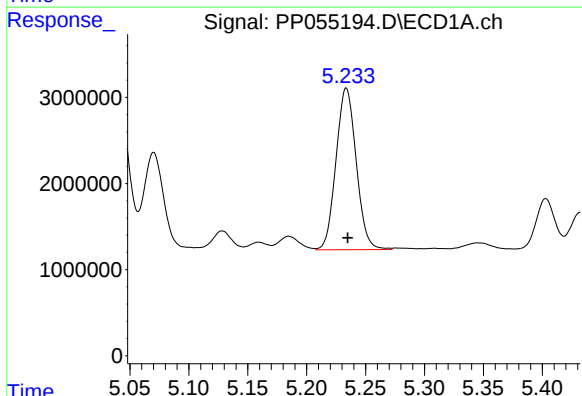
R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 16884376
Conc: 380.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



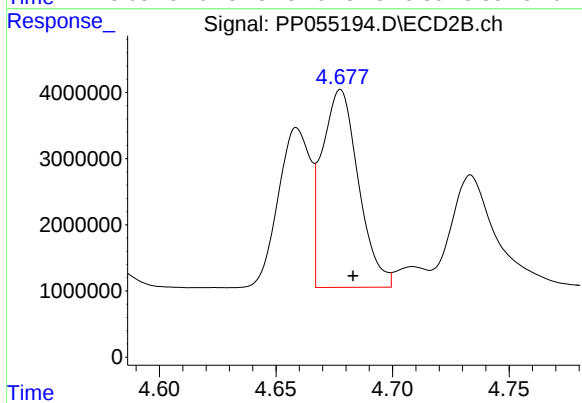
#11 AR-1232-1

R.T.: 3.948 min
Delta R.T.: -0.005 min
Response: 14219593
Conc: 385.78 ng/ml



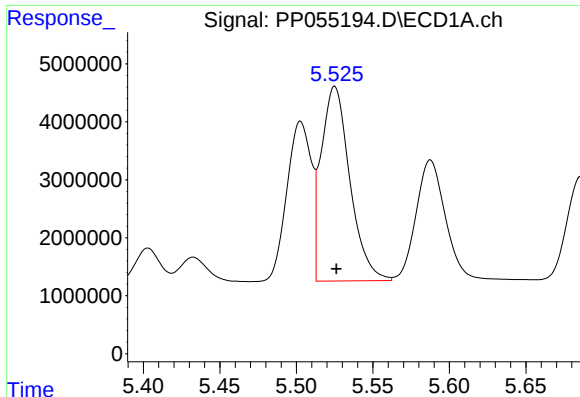
#12 AR-1232-2

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 22405251
Conc: 990.73 ng/ml



#12 AR-1232-2

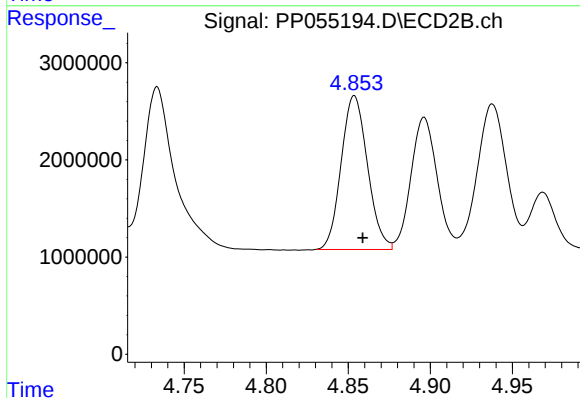
R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 32532726
Conc: 1018.48 ng/ml



#13 AR-1232-3

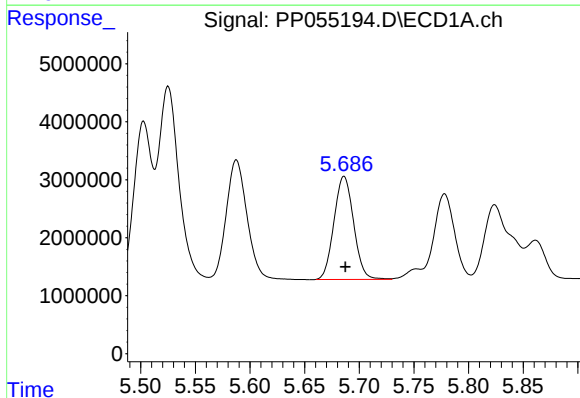
R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 43707492
Conc: 995.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



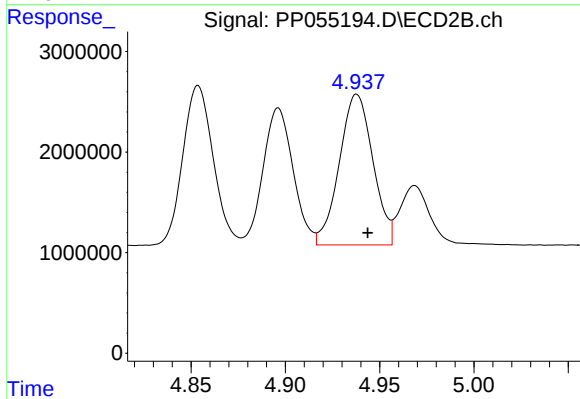
#13 AR-1232-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 17675427
Conc: 1060.25 ng/ml



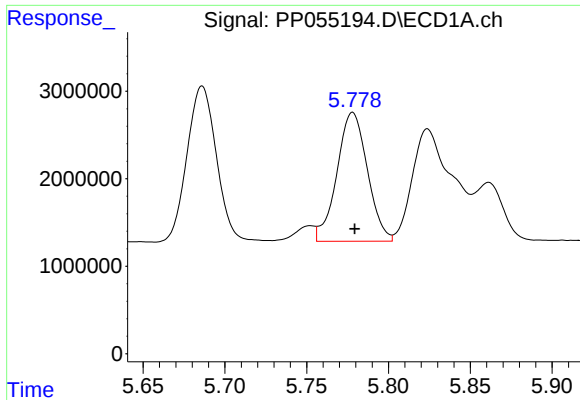
#14 AR-1232-4

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 22236623
Conc: 1004.63 ng/ml



#14 AR-1232-4

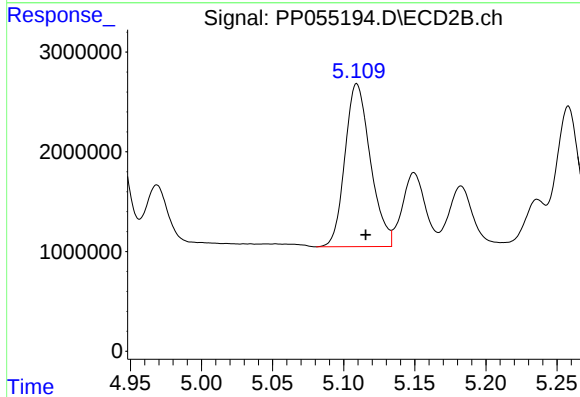
R.T.: 4.938 min
Delta R.T.: -0.006 min
Response: 18599043
Conc: 1153.35 ng/ml



#15 AR-1232-5

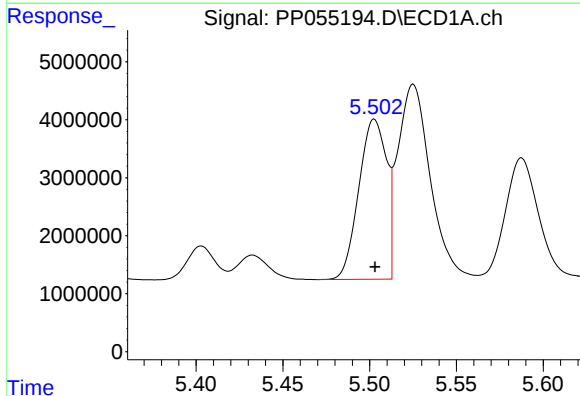
R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 19123550
Conc: 1092.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



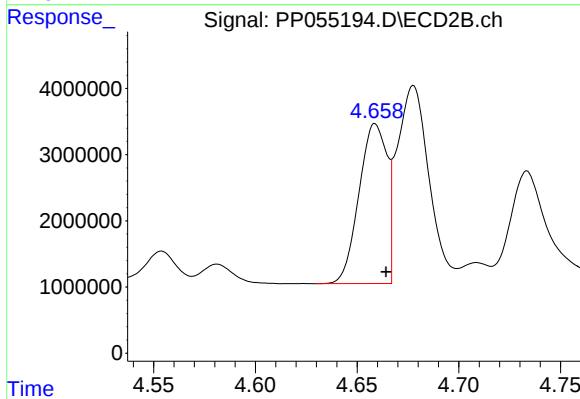
#15 AR-1232-5

R.T.: 5.109 min
Delta R.T.: -0.006 min
Response: 20400348
Conc: 1155.08 ng/ml



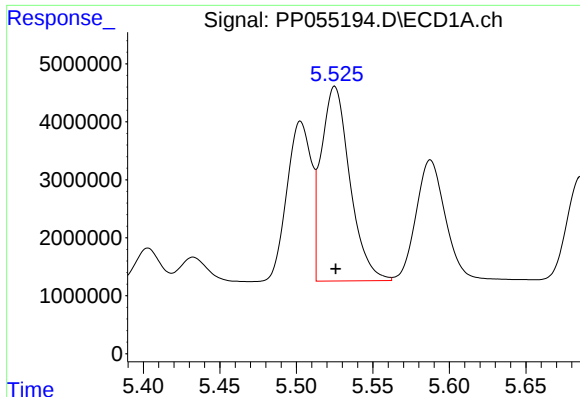
#16 AR-1242-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 30710476
Conc: 548.51 ng/ml



#16 AR-1242-1

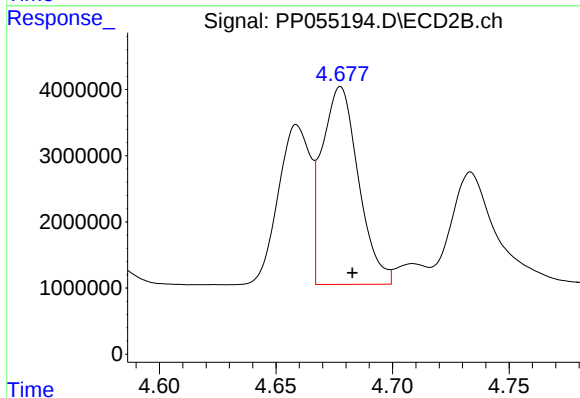
R.T.: 4.659 min
Delta R.T.: -0.005 min
Response: 23142134
Conc: 564.96 ng/ml



#17 AR-1242-2

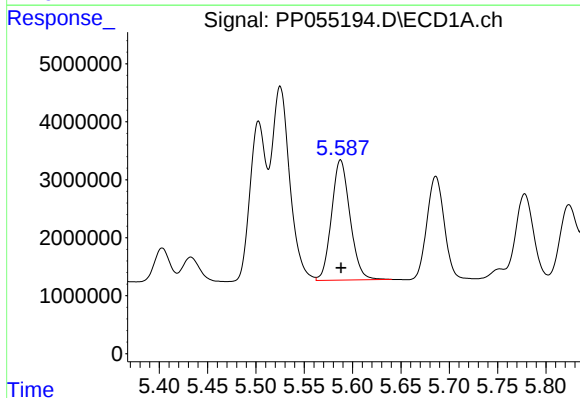
R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 43707492
Conc: 547.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



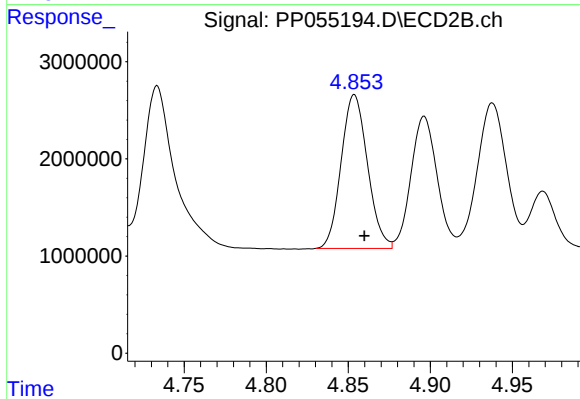
#17 AR-1242-2

R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 32532726
Conc: 569.74 ng/ml



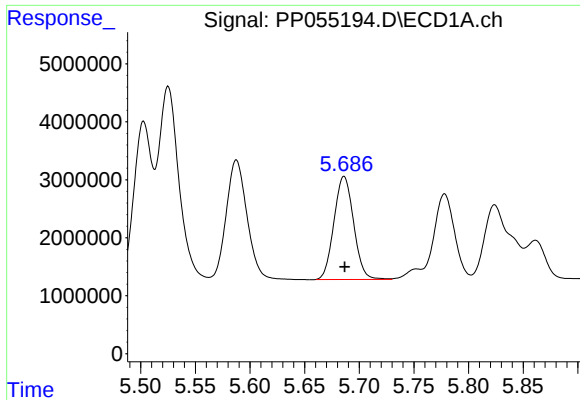
#18 AR-1242-3

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 27605456
Conc: 555.87 ng/ml



#18 AR-1242-3

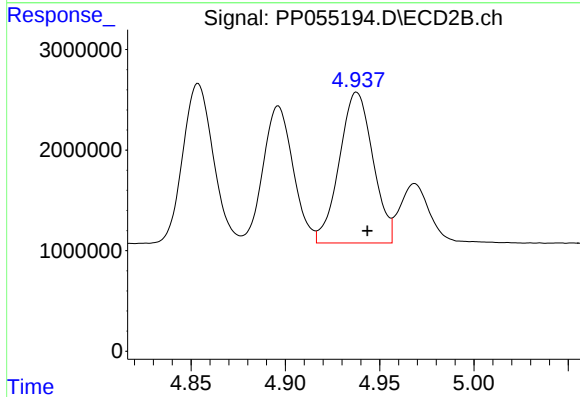
R.T.: 4.854 min
Delta R.T.: -0.006 min
Response: 17675427
Conc: 572.62 ng/ml



#19 AR-1242-4

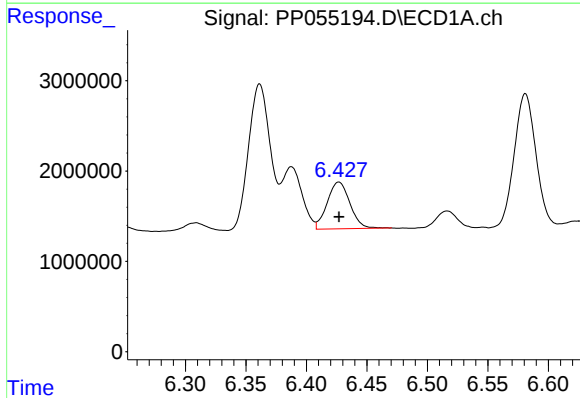
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 22236623
Conc: 554.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



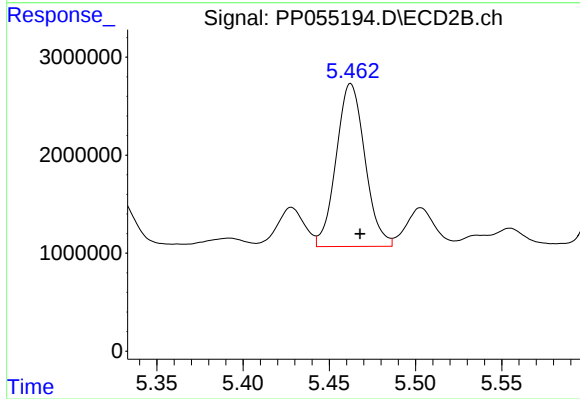
#19 AR-1242-4

R.T.: 4.938 min
Delta R.T.: -0.006 min
Response: 18599043
Conc: 572.51 ng/ml



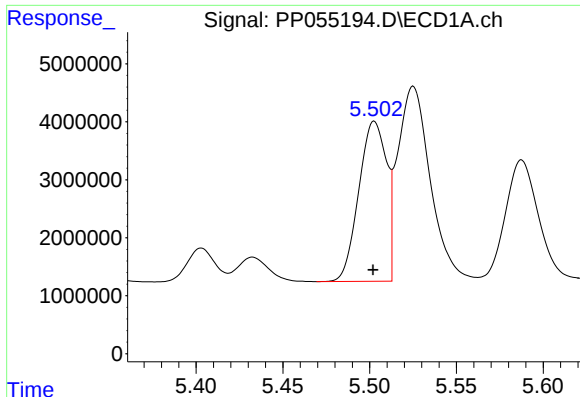
#20 AR-1242-5

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 6746850
Conc: 151.74 ng/ml



#20 AR-1242-5

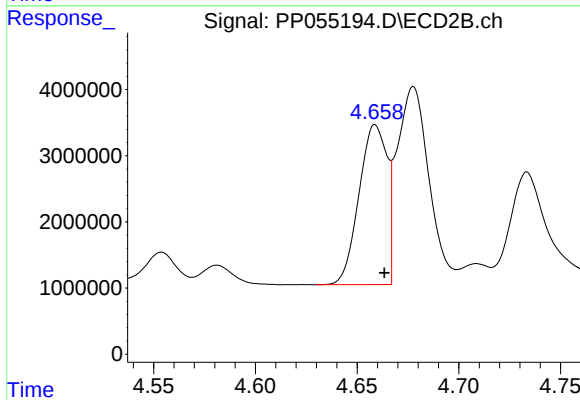
R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 19247926
Conc: 515.04 ng/ml



#21 AR-1248-1

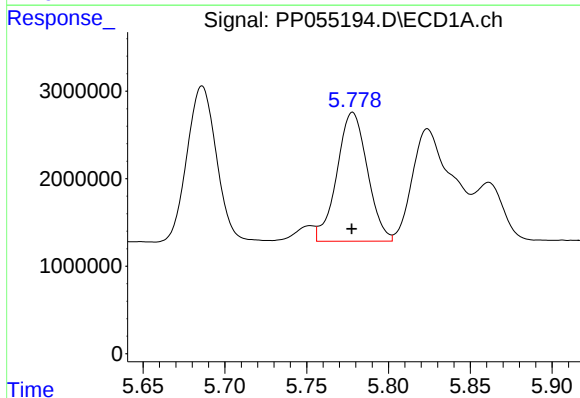
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 30710476
Conc: 736.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



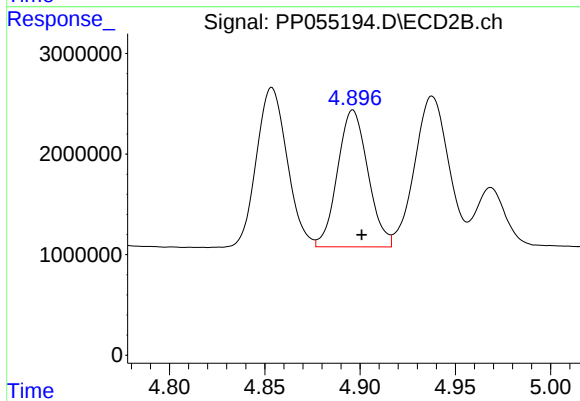
#21 AR-1248-1

R.T.: 4.659 min
Delta R.T.: -0.004 min
Response: 23142134
Conc: 746.44 ng/ml



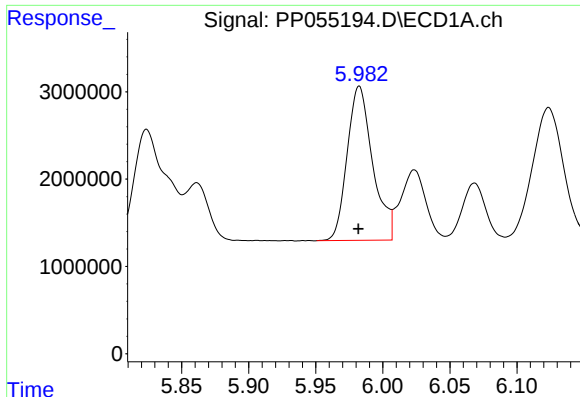
#22 AR-1248-2

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 19123550
Conc: 300.81 ng/ml



#22 AR-1248-2

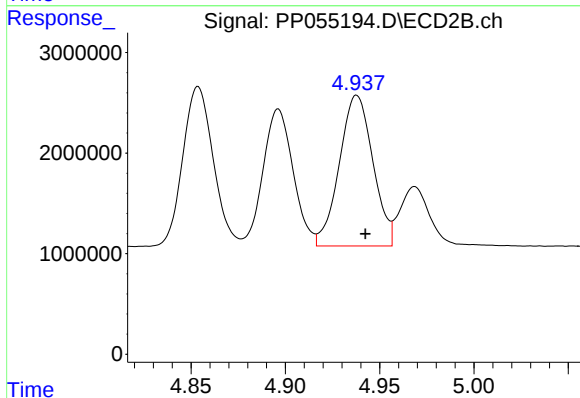
R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 15119074
Conc: 330.63 ng/ml



#23 AR-1248-3

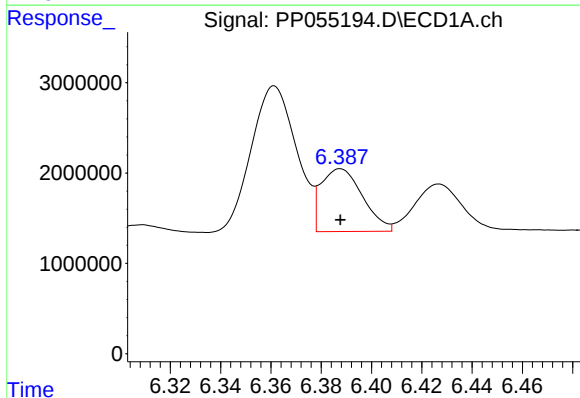
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 23354967
Conc: 337.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



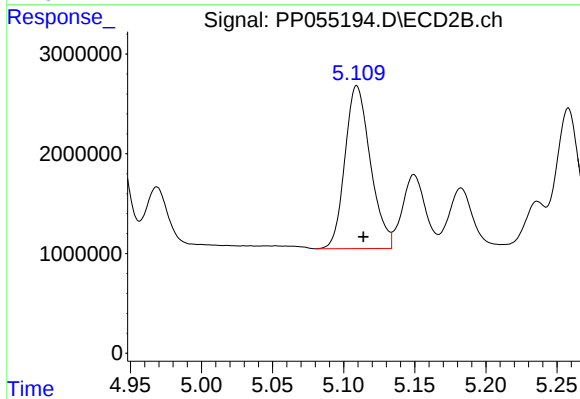
#23 AR-1248-3

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 18599043
Conc: 390.14 ng/ml



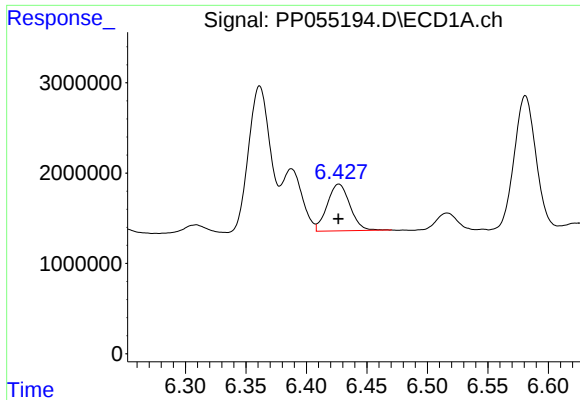
#24 AR-1248-4

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 7966882
Conc: 105.06 ng/ml



#24 AR-1248-4

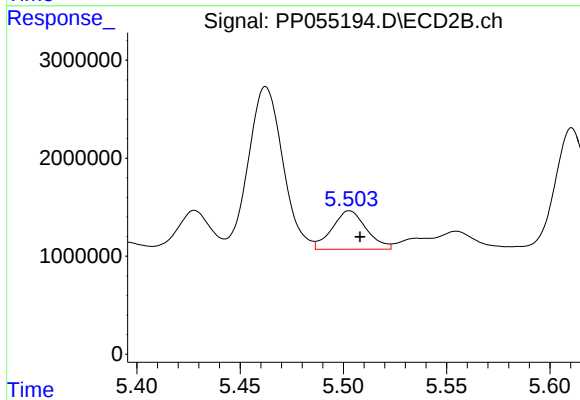
R.T.: 5.109 min
Delta R.T.: -0.005 min
Response: 20400348
Conc: 369.39 ng/ml



#25 AR-1248-5

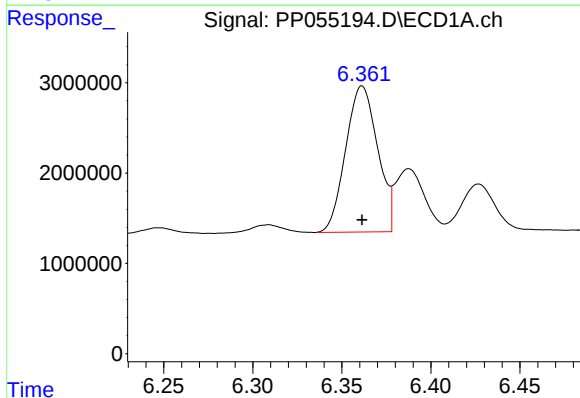
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 6746850
Conc: 91.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



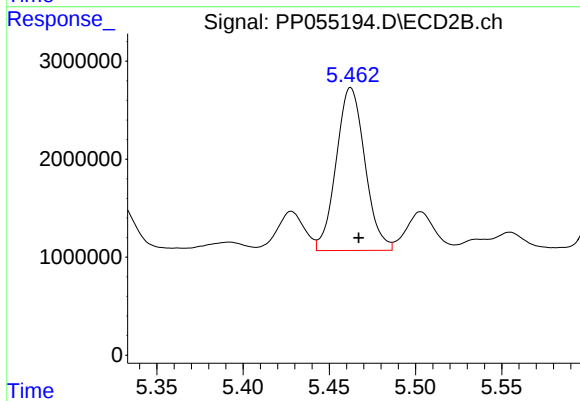
#25 AR-1248-5

R.T.: 5.503 min
Delta R.T.: -0.005 min
Response: 4549360
Conc: 92.52 ng/ml



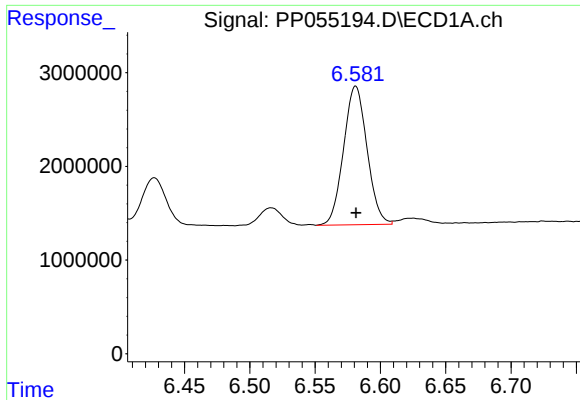
#26 AR-1254-1

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 20201476
Conc: 256.06 ng/ml



#26 AR-1254-1

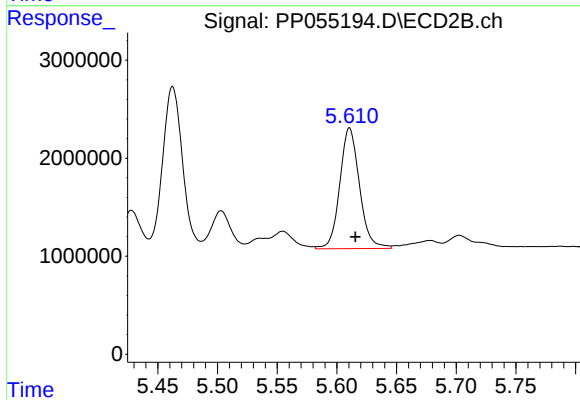
R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 19247926
Conc: 238.34 ng/ml



#27 AR-1254-2

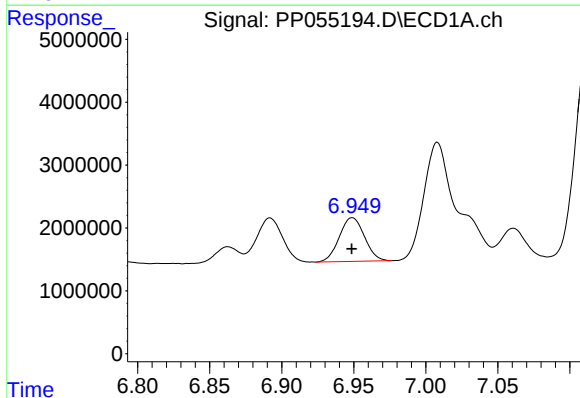
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 18519140
Conc: 153.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



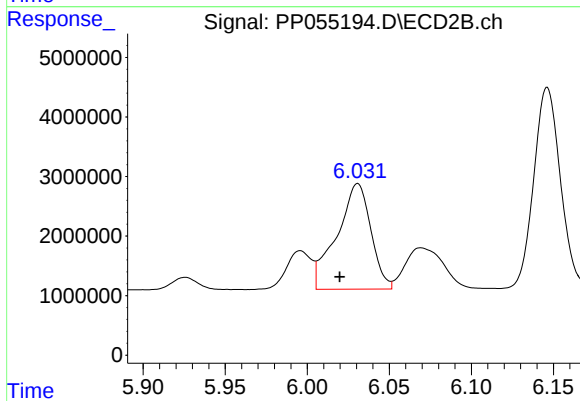
#27 AR-1254-2

R.T.: 5.611 min
Delta R.T.: -0.005 min
Response: 14153299
Conc: 197.78 ng/ml



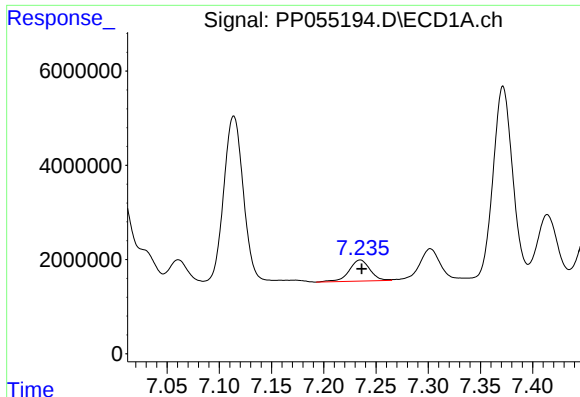
#28 AR-1254-3

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 8458656
Conc: 69.06 ng/ml



#28 AR-1254-3

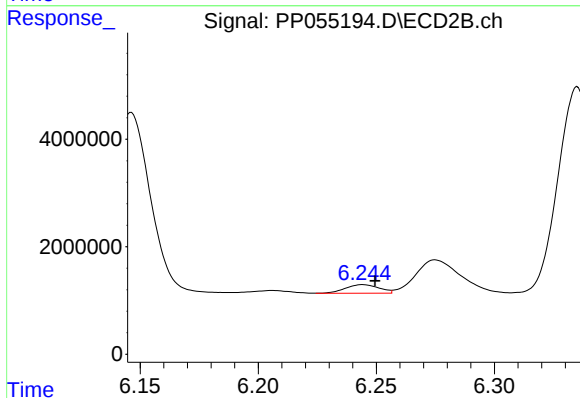
R.T.: 6.031 min
Delta R.T.: 0.011 min
Response: 25607919
Conc: 229.86 ng/ml



#29 AR-1254-4

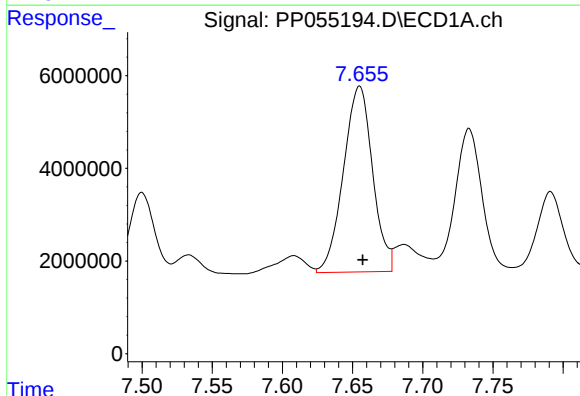
R.T.: 7.235 min
Delta R.T.: -0.001 min
Response: 6175626
Conc: 70.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



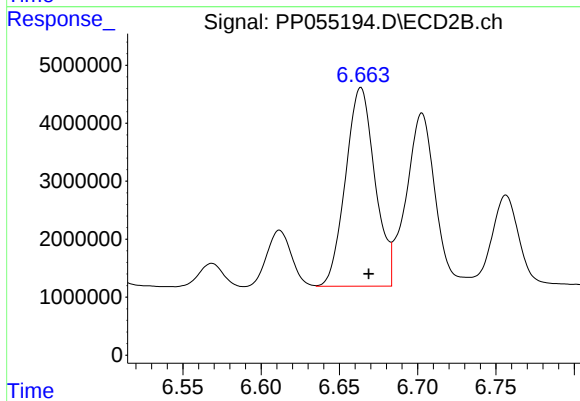
#29 AR-1254-4

R.T.: 6.244 min
Delta R.T.: -0.005 min
Response: 1593970
Conc: 25.92 ng/ml



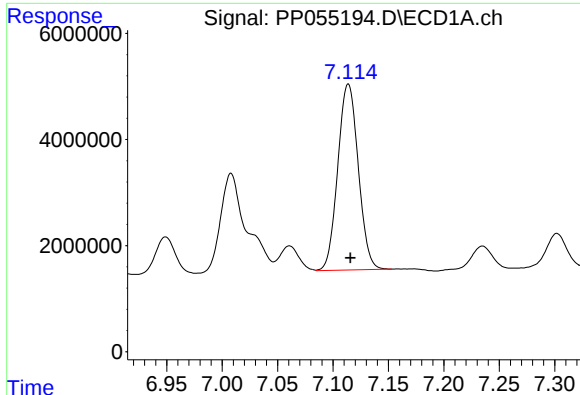
#30 AR-1254-5

R.T.: 7.655 min
Delta R.T.: -0.002 min
Response: 58034564
Conc: 573.69 ng/ml



#30 AR-1254-5

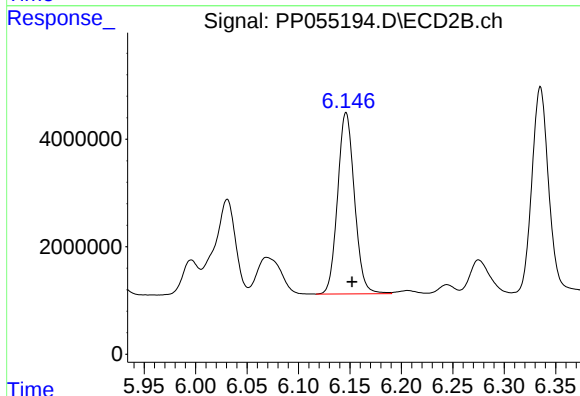
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 44841355
Conc: 472.99 ng/ml



#31 AR-1260-1

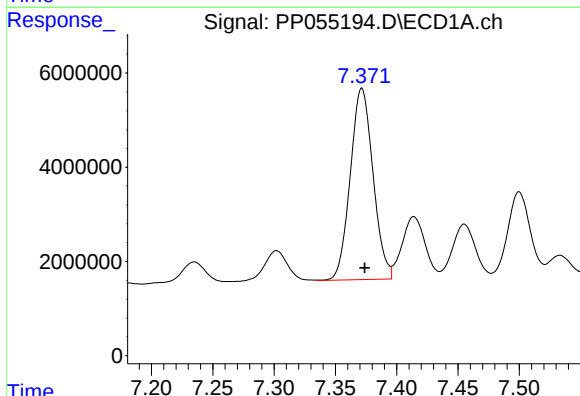
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 45076618
Conc: 472.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



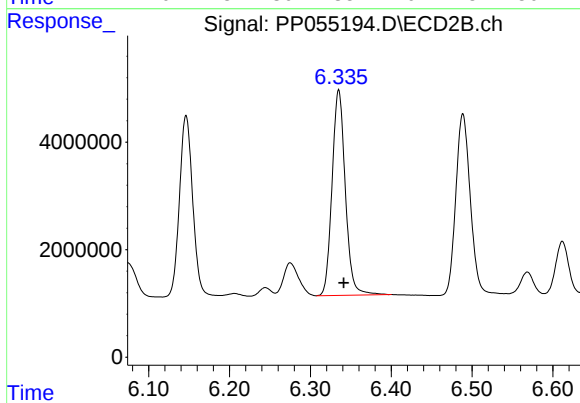
#31 AR-1260-1

R.T.: 6.146 min
Delta R.T.: -0.006 min
Response: 38463545
Conc: 496.02 ng/ml



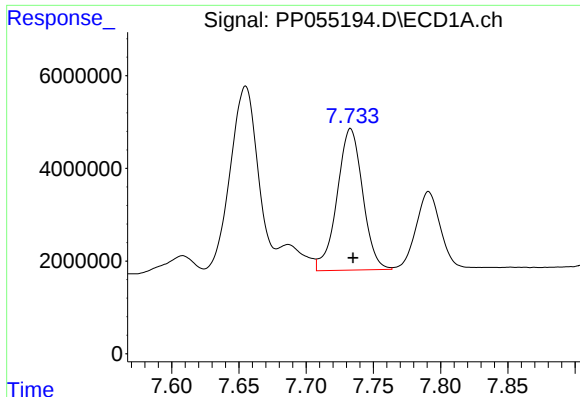
#32 AR-1260-2

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 52498498
Conc: 466.46 ng/ml



#32 AR-1260-2

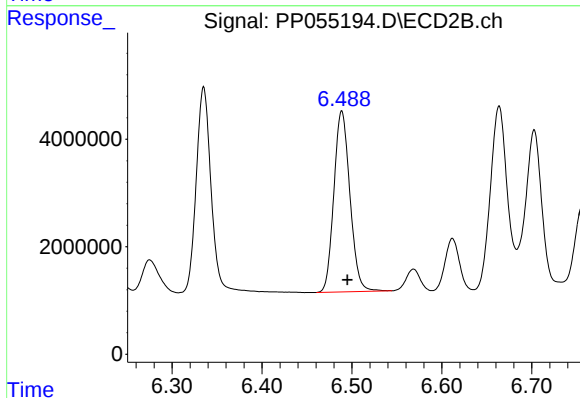
R.T.: 6.335 min
Delta R.T.: -0.006 min
Response: 43593142
Conc: 484.92 ng/ml



#33 AR-1260-3

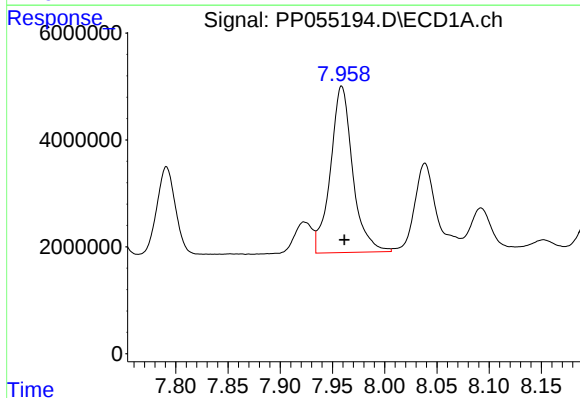
R.T.: 7.733 min
Delta R.T.: -0.002 min
Response: 40310986
Conc: 500.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



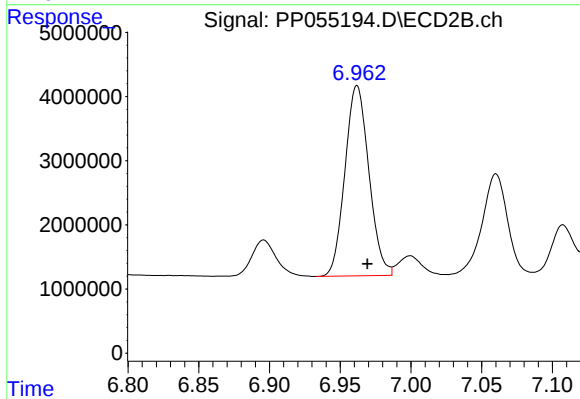
#33 AR-1260-3

R.T.: 6.489 min
Delta R.T.: -0.006 min
Response: 41728528
Conc: 491.44 ng/ml



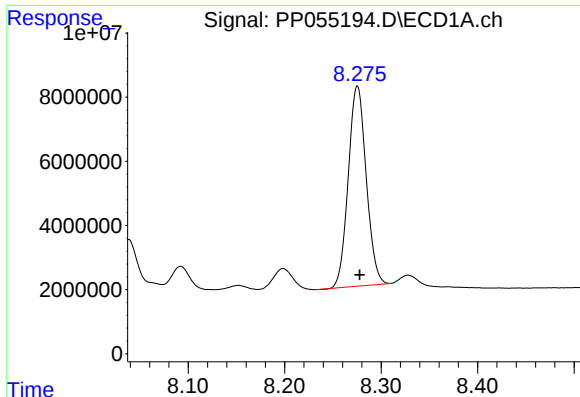
#34 AR-1260-4

R.T.: 7.959 min
Delta R.T.: -0.003 min
Response: 46163155
Conc: 475.53 ng/ml



#34 AR-1260-4

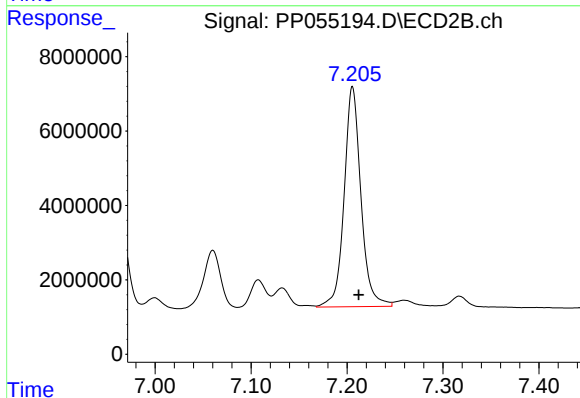
R.T.: 6.962 min
Delta R.T.: -0.007 min
Response: 34985423
Conc: 488.60 ng/ml



#35 AR-1260-5

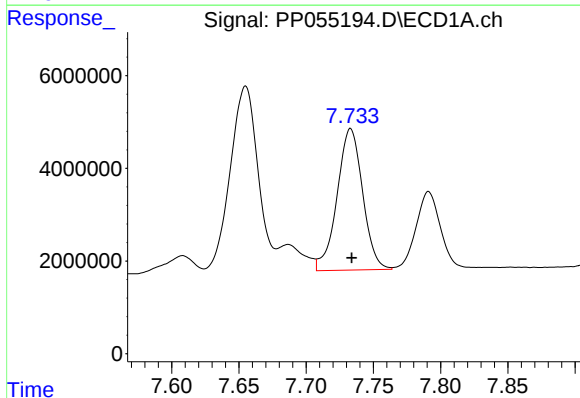
R.T.: 8.275 min
Delta R.T.: -0.002 min
Response: 80926204
Conc: 455.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



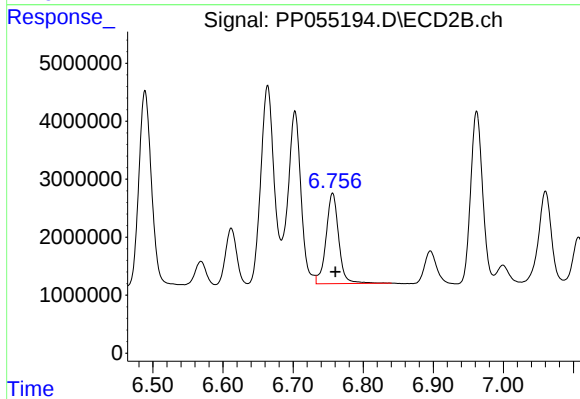
#35 AR-1260-5

R.T.: 7.206 min
Delta R.T.: -0.007 min
Response: 72035488
Conc: 468.57 ng/ml



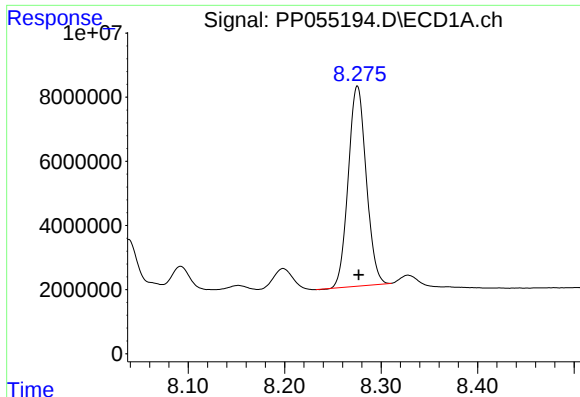
#36 AR-1262-1

R.T.: 7.733 min
Delta R.T.: 0.000 min
Response: 40310986
Conc: 341.67 ng/ml



#36 AR-1262-1

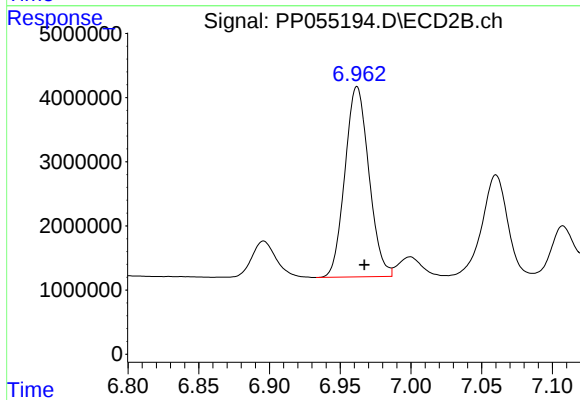
R.T.: 6.756 min
Delta R.T.: -0.004 min
Response: 19540353
Conc: 454.83 ng/ml



#37 AR-1262-2

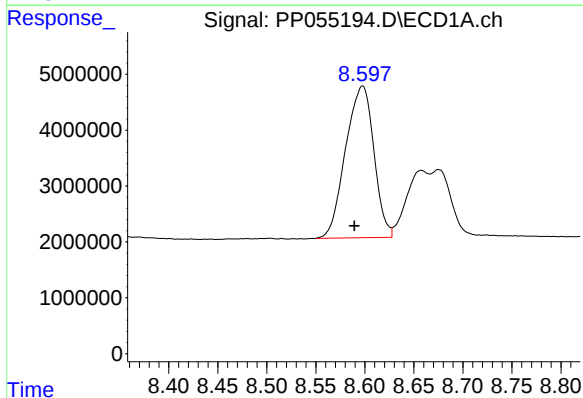
R.T.: 8.275 min
Delta R.T.: -0.001 min
Response: 80926204
Conc: 401.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



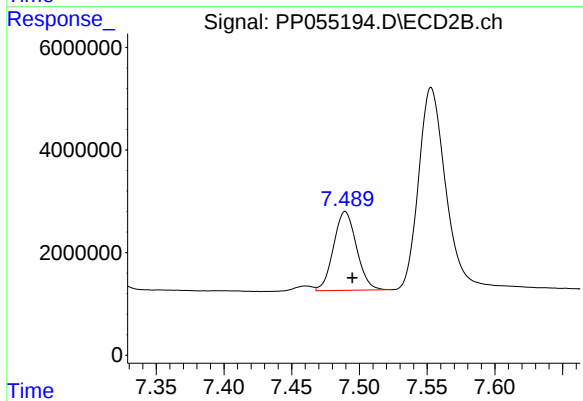
#37 AR-1262-2

R.T.: 6.962 min
Delta R.T.: -0.005 min
Response: 34985423
Conc: 377.72 ng/ml



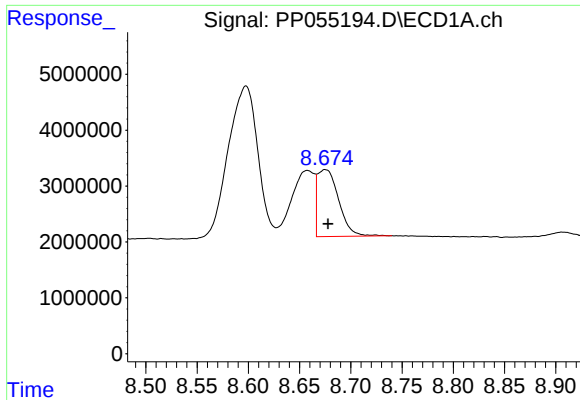
#38 AR-1262-3

R.T.: 8.598 min
Delta R.T.: 0.008 min
Response: 54462053
Conc: 391.61 ng/ml



#38 AR-1262-3

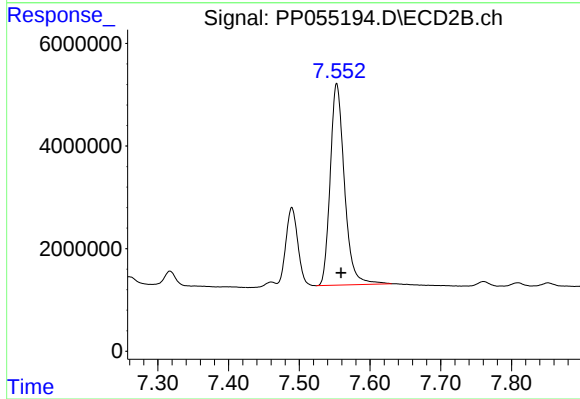
R.T.: 7.489 min
Delta R.T.: -0.005 min
Response: 18177625
Conc: 249.49 ng/ml



#39 AR-1262-4

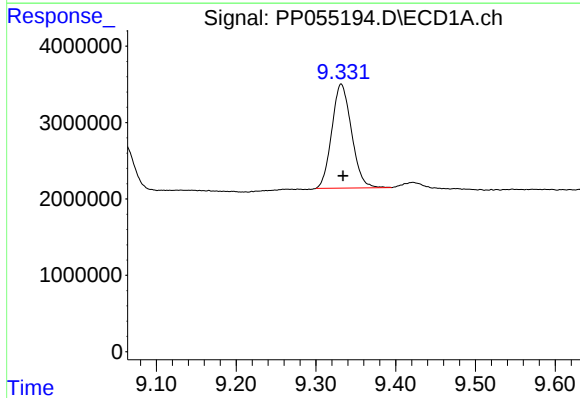
R.T.: 8.675 min
Delta R.T.: -0.003 min
Response: 17334821
Conc: 225.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



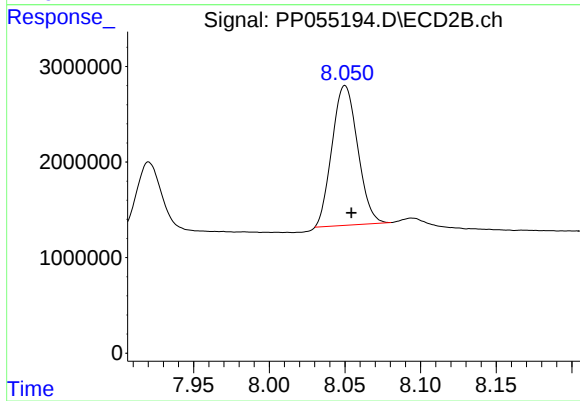
#39 AR-1262-4

R.T.: 7.553 min
Delta R.T.: -0.006 min
Response: 54917115
Conc: 419.92 ng/ml



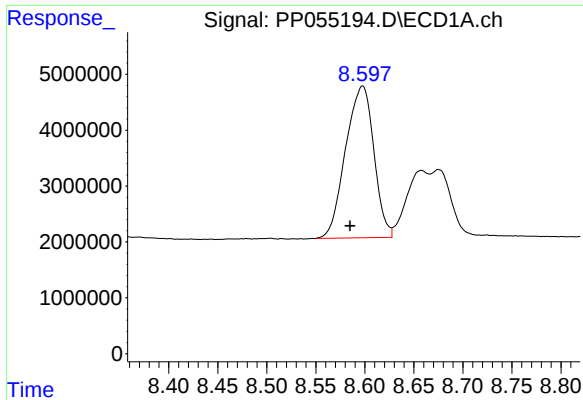
#40 AR-1262-5

R.T.: 9.332 min
Delta R.T.: -0.002 min
Response: 23377057
Conc: 326.86 ng/ml



#40 AR-1262-5

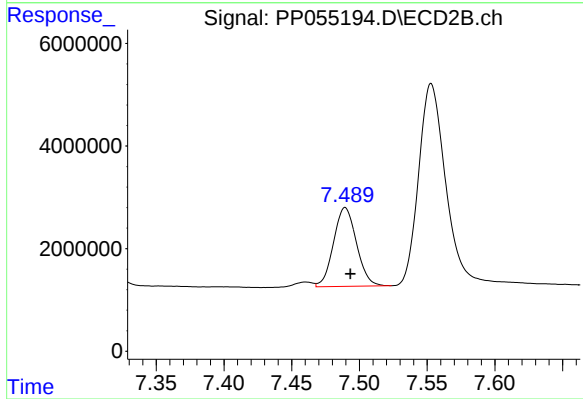
R.T.: 8.050 min
Delta R.T.: -0.004 min
Response: 17231844
Conc: 290.45 ng/ml



#41 AR-1268-1

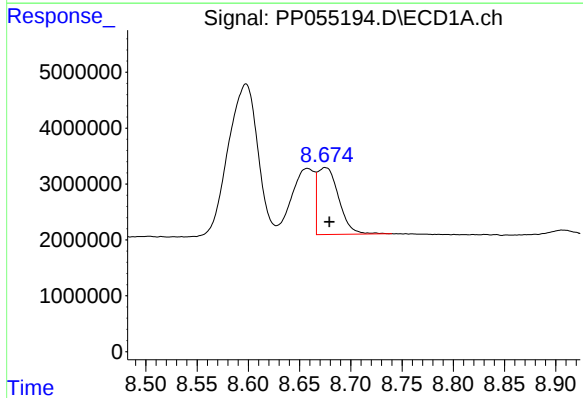
R.T.: 8.598 min
Delta R.T.: 0.013 min
Response: 54462053
Conc: 222.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



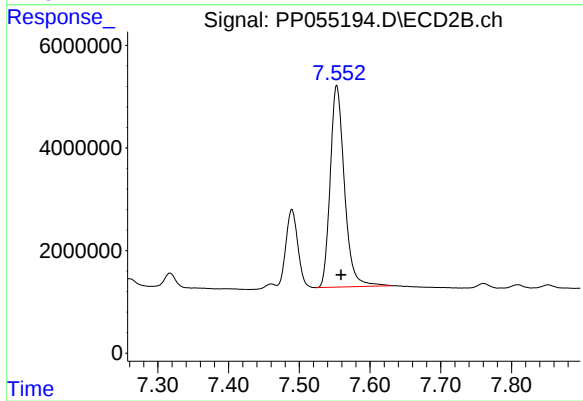
#41 AR-1268-1

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 18177625
Conc: 84.07 ng/ml



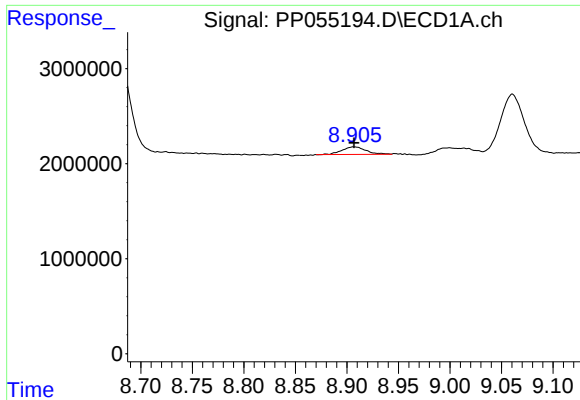
#42 AR-1268-2

R.T.: 8.675 min
Delta R.T.: -0.004 min
Response: 17334821
Conc: 76.32 ng/ml



#42 AR-1268-2

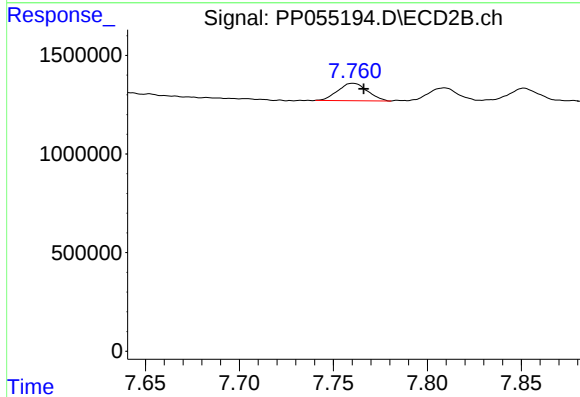
R.T.: 7.553 min
Delta R.T.: -0.006 min
Response: 54917115
Conc: 281.43 ng/ml



#43 AR-1268-3

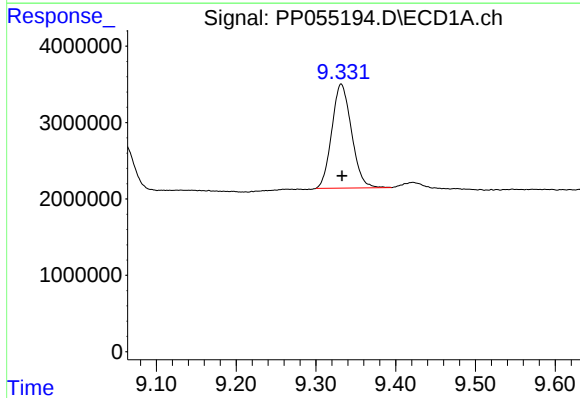
R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 1318103
Conc: 6.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



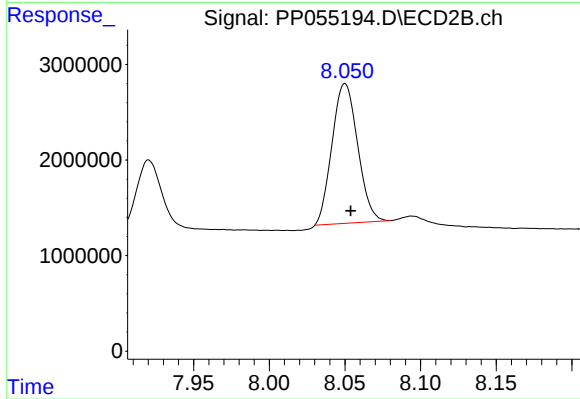
#43 AR-1268-3

R.T.: 7.760 min
Delta R.T.: -0.006 min
Response: 966074
Conc: 5.62 ng/ml



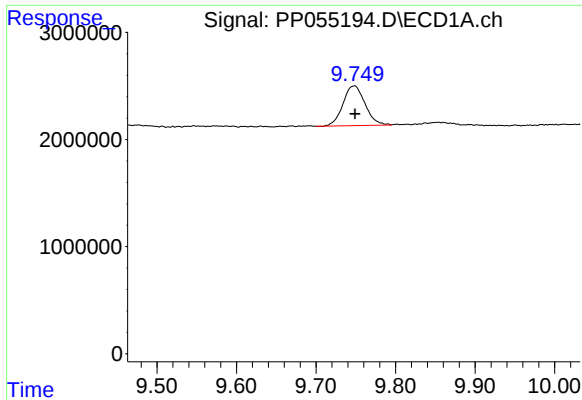
#44 AR-1268-4

R.T.: 9.332 min
Delta R.T.: -0.001 min
Response: 23377057
Conc: 297.62 ng/ml



#44 AR-1268-4

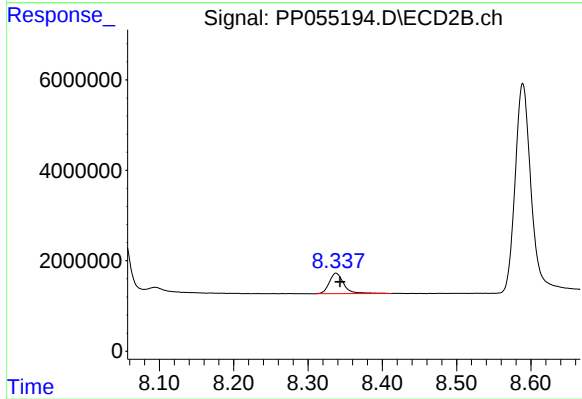
R.T.: 8.050 min
Delta R.T.: -0.004 min
Response: 17231844
Conc: 270.17 ng/ml



#45 AR-1268-5

R.T.: 9.748 min
Delta R.T.: 0.000 min
Response: 7180829
Conc: 11.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.338 min
Delta R.T.: -0.005 min
Response: 6125712
Conc: 11.63 ng/ml