

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080322\
 Data File : PP050134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2022 21:34
 Operator : YP\AJ
 Sample : N4016-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 01:26:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 06:08:44 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...	4.350	3.599	34246174	63276112	23.600	25.887
2)	SA Decachlor...	10.098	8.560	28381149	24986439	20.066	21.455
Target Compounds							
3)	L1 AR-1016-1	5.525	4.669	33557736	53447822	593.973	599.596
4)	L1 AR-1016-2	5.548	4.687	48590863	77515505	604.310	616.179
5)	L1 AR-1016-3	5.609	4.862	29655399	39855804	605.544	606.502
6)	L1 AR-1016-4	5.710	4.903	24726869	31193881	611.040	586.806
7)	L1 AR-1016-5	6.004	5.115	23311324	38357760	569.545	557.877
8)	L2 AR-1221-1	4.560	3.807	3739521	6465035	218.428	214.185
9)	L2 AR-1221-2	4.649	3.892	3958348	8945021	302.227	391.606 #
10)	L2 AR-1221-3	4.726	3.967	16610584	31631308	415.103	464.851
11)	L3 AR-1232-1	4.726	3.967	16610584	31631308	542.134	616.593
12)	L3 AR-1232-2	5.255	4.687	23687789	77515505	1586.207	1616.298
13)	L3 AR-1232-3	5.548	4.862	48590863	39855804	1607.544	1596.616
14)	L3 AR-1232-4	5.710	4.944	24726869	37653935	1603.633	1646.204
15)	L3 AR-1232-5	5.798	5.115	20696141	38357760	1659.223	1490.988
16)	L4 AR-1242-1	5.525	4.669	33557736	53447822	750.580	762.033
17)	L4 AR-1242-2	5.548	4.687	48590863	77515505	770.670	785.557
18)	L4 AR-1242-3	5.609	4.862	29655399	39855804	762.731	763.721
19)	L4 AR-1242-4	5.710	4.944	24726869	37653935	766.478	718.425
20)	L4 AR-1242-5	6.449	5.464	3590993	29413525	104.416	462.732 #
21)	L5 AR-1248-1	5.525	4.669	33557736	53447822	952.654	950.521
22)	L5 AR-1248-2	5.798	4.903	20696141	31193881	417.612	419.113
23)	L5 AR-1248-3	6.004	4.944	23311324	37653935	420.911	493.127
24)	L5 AR-1248-4	6.409	5.115	4010885	38357760	64.705	422.440 #
25)	L5 AR-1248-5	6.449	5.504	3590993	4669986	61.000	56.032
26)	L6 AR-1254-1	6.381	5.464	18167524	29413525	288.459	231.911
27)	L6 AR-1254-2	6.599	5.610	19427521	26716074	199.415	241.707
28)	L6 AR-1254-3	6.970	6.026	10206693	42783415	98.784	262.839 #
29)	L6 AR-1254-4	7.256	6.239	7288827	4739026	91.049	48.979 #
30)	L6 AR-1254-5	7.676	6.654	66936648	68918668	753.095	520.080 #
31)	L7 AR-1260-1	7.131	6.141	40758772	54844484	539.053	523.322
32)	L7 AR-1260-2	7.389	6.328	49235681	63541106	520.106	528.076
33)	L7 AR-1260-3	7.748	6.480	31158203	58241863	497.573	514.714
34)	L7 AR-1260-4	7.976	6.951	38117502	37331216	492.635	488.041
35)	L7 AR-1260-5	8.296	7.192	71192148	85171158	463.038	498.080
36)	L8 AR-1262-1	7.748	6.691	31158203	43902896	323.697	370.385
37)	L8 AR-1262-2	8.296	6.951	71192148	37331216	399.784	369.400
38)	L8 AR-1262-3	8.626f	7.474	47688885	10932716	607.284	168.898 #
39)	L8 AR-1262-4	8.678f	7.537	26239604	54744778	580.659	427.927 #
40)	L8 AR-1262-5	9.355	8.031	18750361	15660371	269.124	285.184
41)	L9 AR-1268-1	8.626f	7.474	47688885	10932716	233.570	59.522 #

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 Sample : N4016-01MS
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 ALS Vial : 23 Sample Multiplier: 1

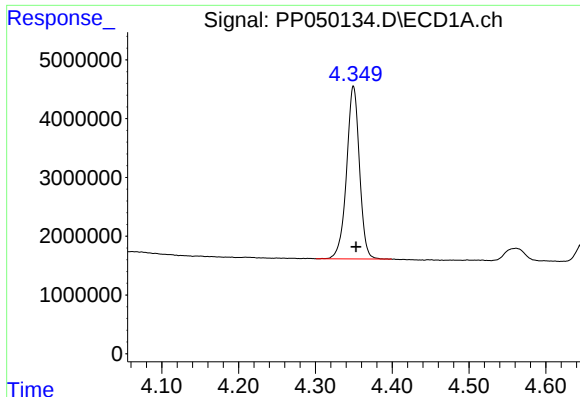
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 01:26:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.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	8.678f	7.537	26239604	54744778	141.461	316.427 #
43) L9	AR-1268-3	0.000	7.743	0	1103763	N.D.	7.845 #
44) L9	AR-1268-4	9.355	8.031	18750361	15660371	250.497	258.982
45) L9	AR-1268-5	9.767	8.314	8238608	5347320	16.000	13.069

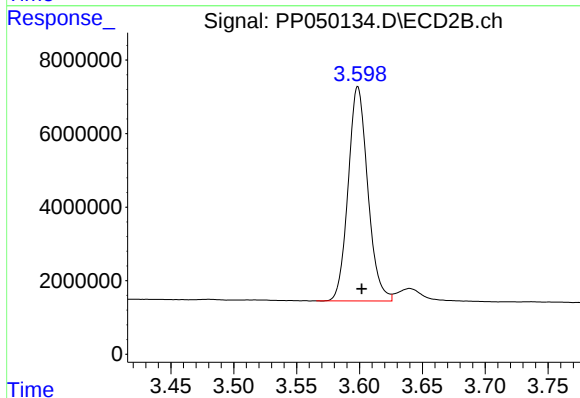
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

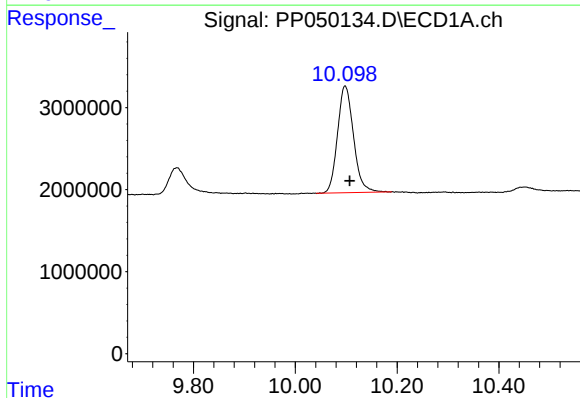
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 34246174
Conc: 23.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



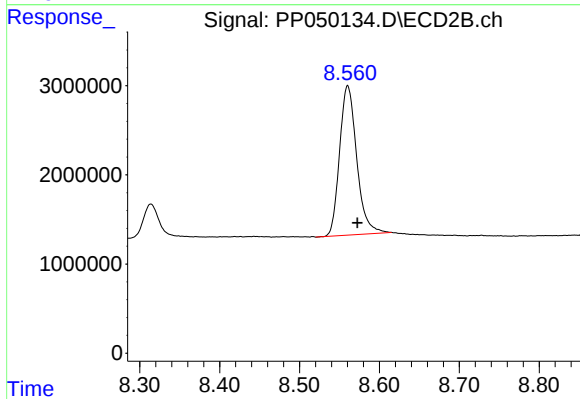
#1 Tetrachloro-m-xylene

R.T.: 3.599 min
Delta R.T.: -0.003 min
Response: 63276112
Conc: 25.89 ng/ml



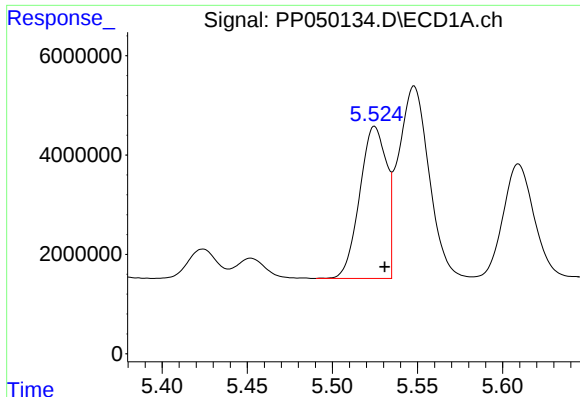
#2 Decachlorobiphenyl

R.T.: 10.098 min
Delta R.T.: -0.009 min
Response: 28381149
Conc: 20.07 ng/ml



#2 Decachlorobiphenyl

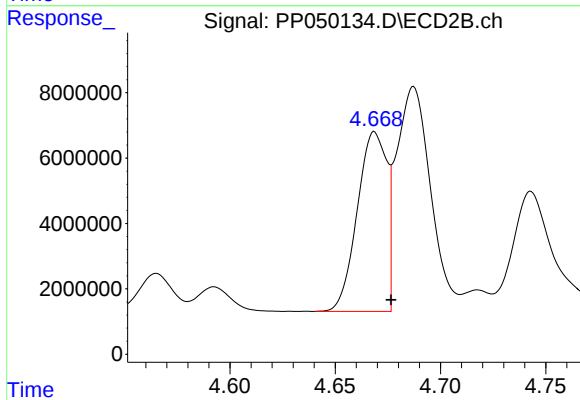
R.T.: 8.560 min
Delta R.T.: -0.012 min
Response: 24986439
Conc: 21.46 ng/ml



#3 AR-1016-1

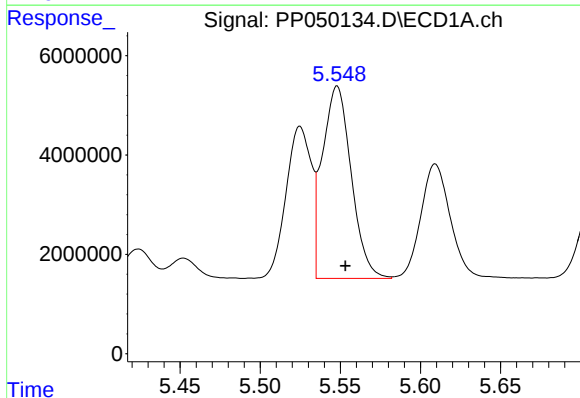
R.T.: 5.525 min
Delta R.T.: -0.006 min
Response: 33557736
Conc: 593.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



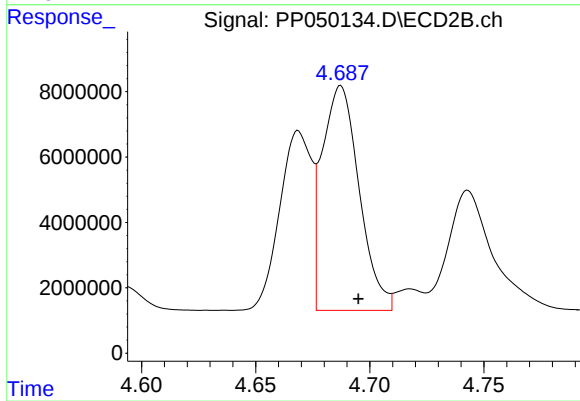
#3 AR-1016-1

R.T.: 4.669 min
Delta R.T.: -0.008 min
Response: 53447822
Conc: 599.60 ng/ml



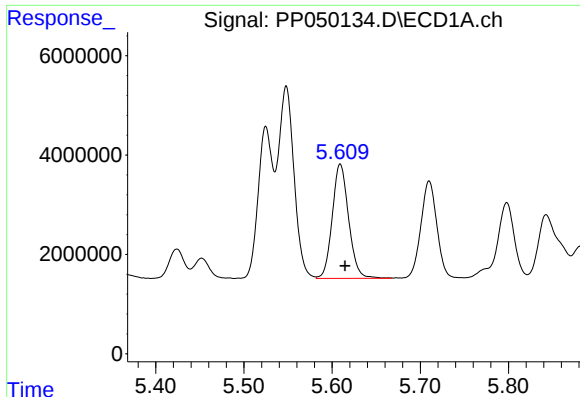
#4 AR-1016-2

R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 48590863
Conc: 604.31 ng/ml



#4 AR-1016-2

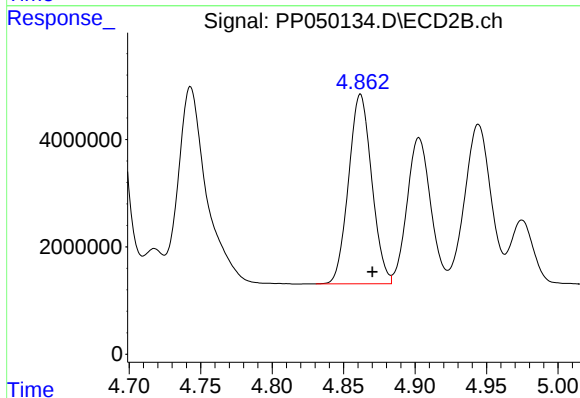
R.T.: 4.687 min
Delta R.T.: -0.008 min
Response: 77515505
Conc: 616.18 ng/ml



#5 AR-1016-3

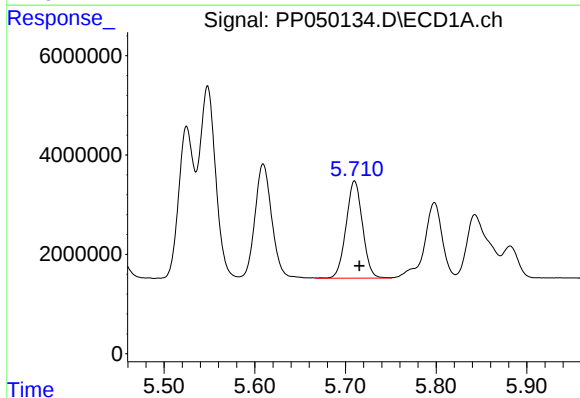
R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 29655399
Conc: 605.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



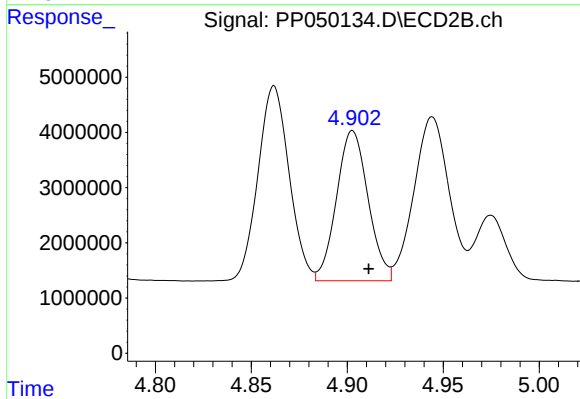
#5 AR-1016-3

R.T.: 4.862 min
Delta R.T.: -0.008 min
Response: 39855804
Conc: 606.50 ng/ml



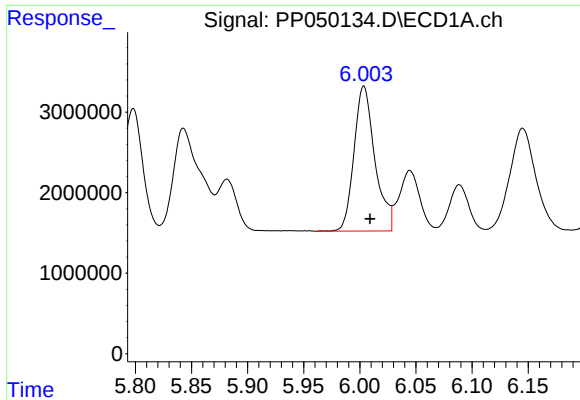
#6 AR-1016-4

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 24726869
Conc: 611.04 ng/ml



#6 AR-1016-4

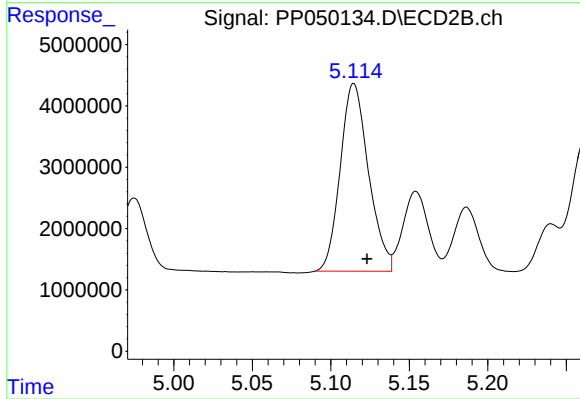
R.T.: 4.903 min
Delta R.T.: -0.008 min
Response: 31193881
Conc: 586.81 ng/ml



#7 AR-1016-5

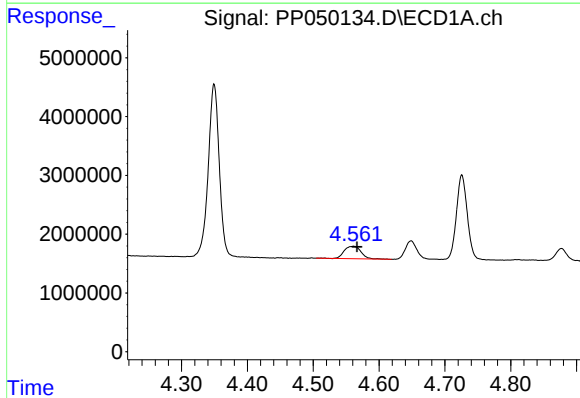
R.T.: 6.004 min
Delta R.T.: -0.006 min
Response: 23311324
Conc: 569.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



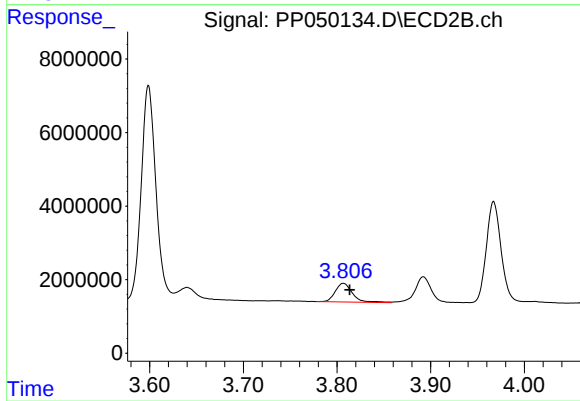
#7 AR-1016-5

R.T.: 5.115 min
Delta R.T.: -0.008 min
Response: 38357760
Conc: 557.88 ng/ml



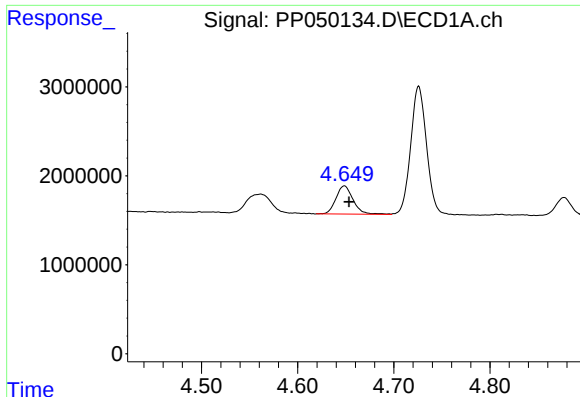
#8 AR-1221-1

R.T.: 4.560 min
Delta R.T.: -0.006 min
Response: 3739521
Conc: 218.43 ng/ml



#8 AR-1221-1

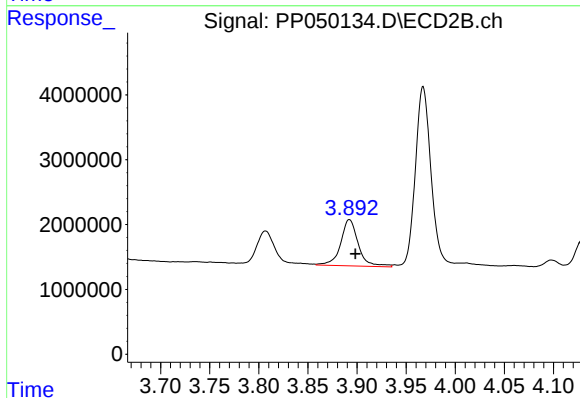
R.T.: 3.807 min
Delta R.T.: -0.007 min
Response: 6465035
Conc: 214.18 ng/ml



#9 AR-1221-2

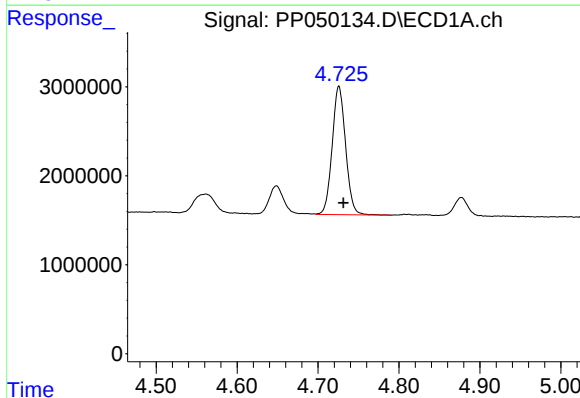
R.T.: 4.649 min
Delta R.T.: -0.005 min
Response: 3958348
Conc: 302.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



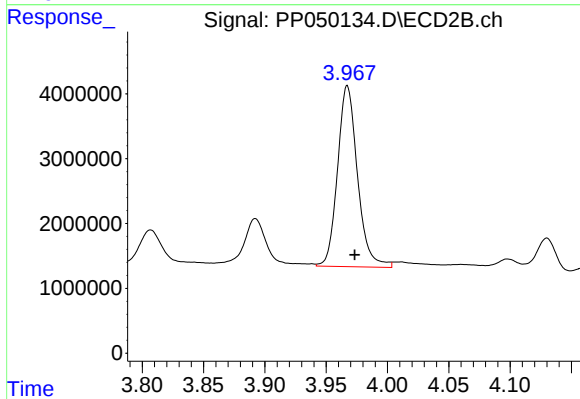
#9 AR-1221-2

R.T.: 3.892 min
Delta R.T.: -0.006 min
Response: 8945021
Conc: 391.61 ng/ml



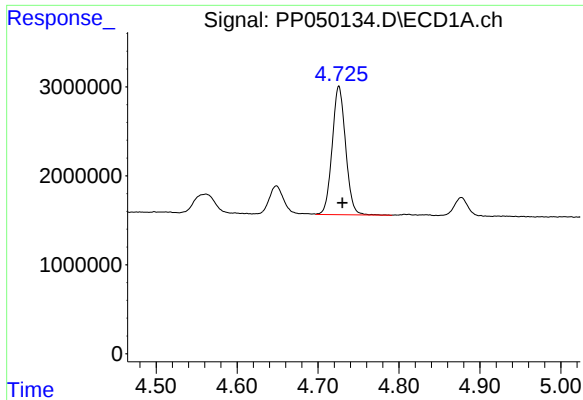
#10 AR-1221-3

R.T.: 4.726 min
Delta R.T.: -0.005 min
Response: 16610584
Conc: 415.10 ng/ml



#10 AR-1221-3

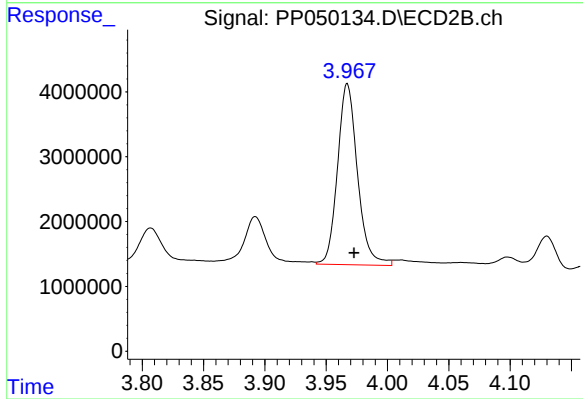
R.T.: 3.967 min
Delta R.T.: -0.006 min
Response: 31631308
Conc: 464.85 ng/ml



#11 AR-1232-1

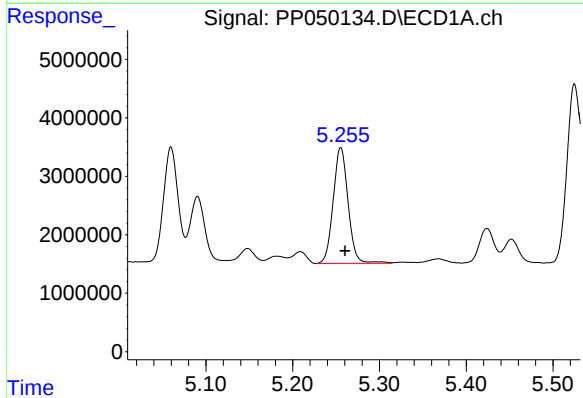
R.T.: 4.726 min
Delta R.T.: -0.004 min
Response: 16610584
Conc: 542.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



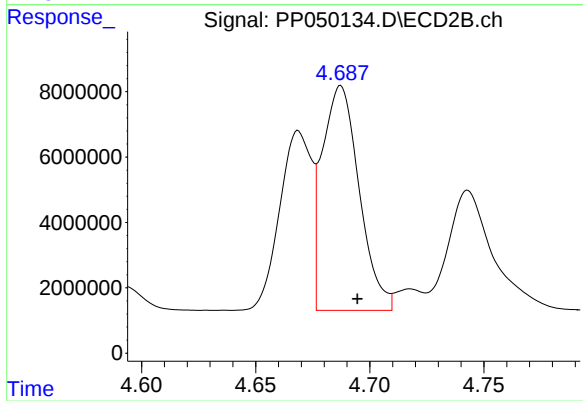
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: -0.006 min
Response: 31631308
Conc: 616.59 ng/ml



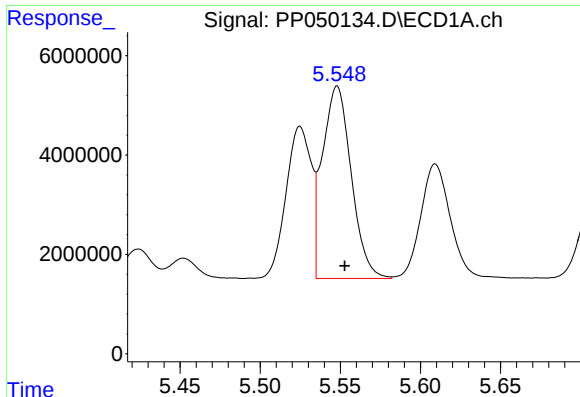
#12 AR-1232-2

R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 23687789
Conc: 1586.21 ng/ml



#12 AR-1232-2

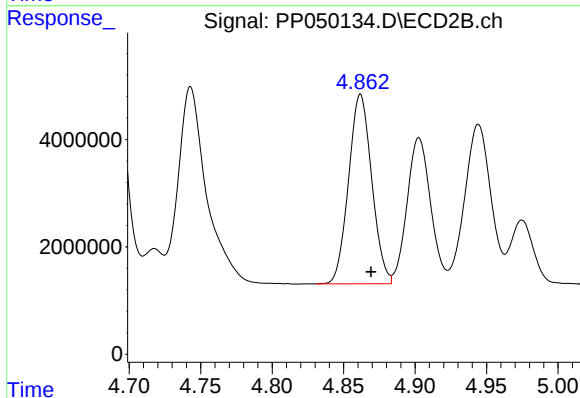
R.T.: 4.687 min
Delta R.T.: -0.007 min
Response: 77515505
Conc: 1616.30 ng/ml



#13 AR-1232-3

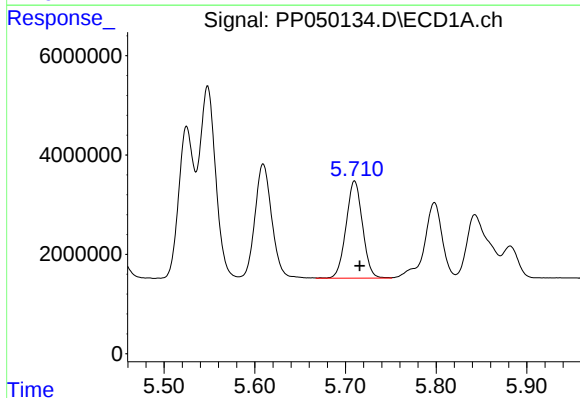
R.T.: 5.548 min
Delta R.T.: -0.005 min
Response: 48590863
Conc: 1607.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



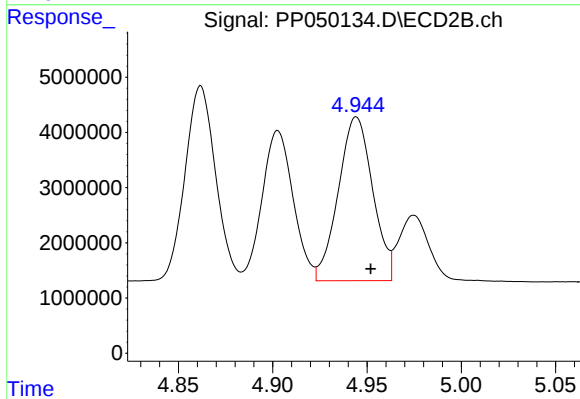
#13 AR-1232-3

R.T.: 4.862 min
Delta R.T.: -0.007 min
Response: 39855804
Conc: 1596.62 ng/ml



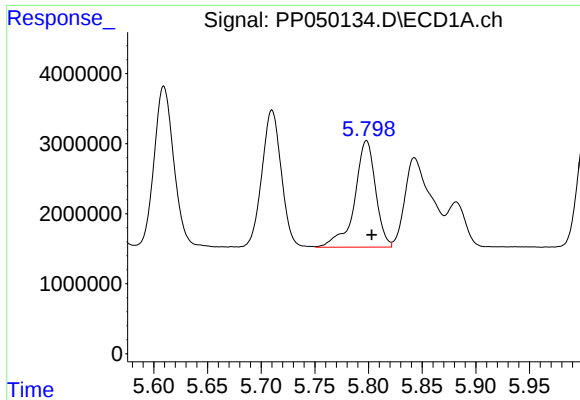
#14 AR-1232-4

R.T.: 5.710 min
Delta R.T.: -0.006 min
Response: 24726869
Conc: 1603.63 ng/ml



#14 AR-1232-4

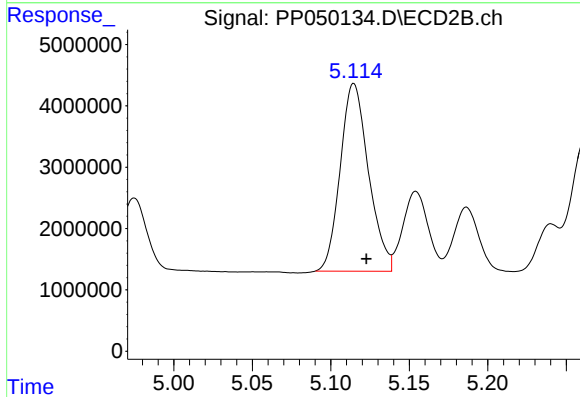
R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 37653935
Conc: 1646.20 ng/ml



#15 AR-1232-5

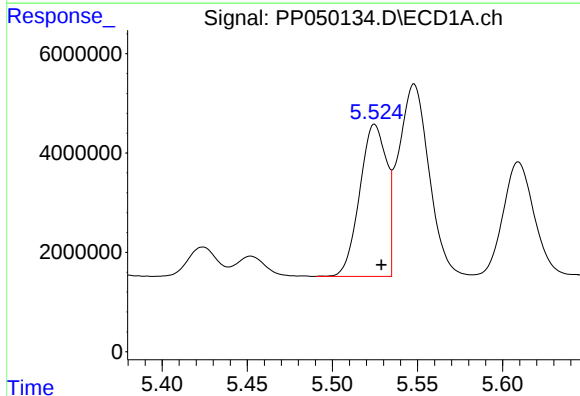
R.T.: 5.798 min
Delta R.T.: -0.005 min
Response: 20696141
Conc: 1659.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



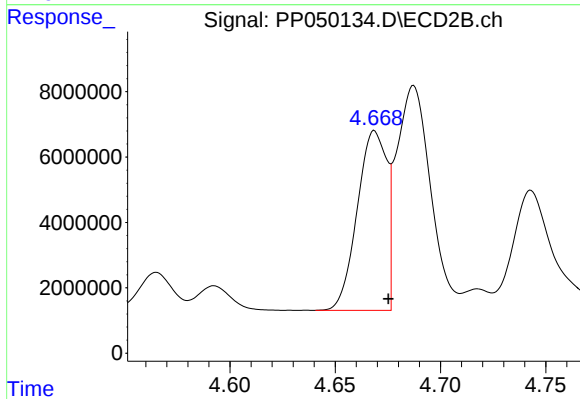
#15 AR-1232-5

R.T.: 5.115 min
Delta R.T.: -0.008 min
Response: 38357760
Conc: 1490.99 ng/ml



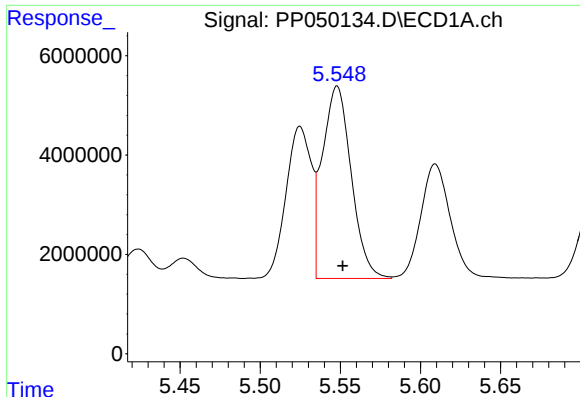
#16 AR-1242-1

R.T.: 5.525 min
Delta R.T.: -0.004 min
Response: 33557736
Conc: 750.58 ng/ml



#16 AR-1242-1

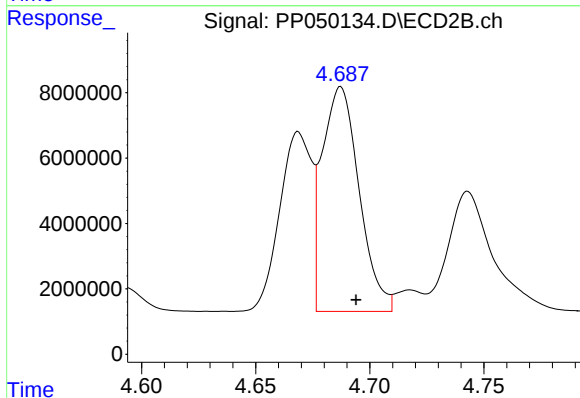
R.T.: 4.669 min
Delta R.T.: -0.007 min
Response: 53447822
Conc: 762.03 ng/ml



#17 AR-1242-2

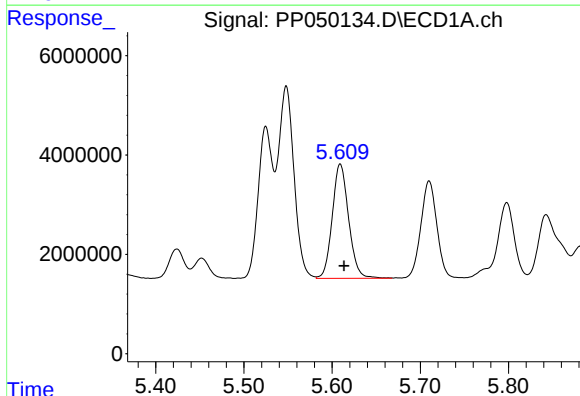
R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 48590863
Conc: 770.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



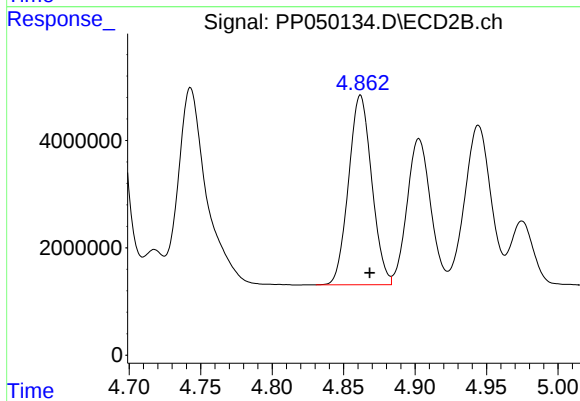
#17 AR-1242-2

R.T.: 4.687 min
Delta R.T.: -0.007 min
Response: 77515505
Conc: 785.56 ng/ml



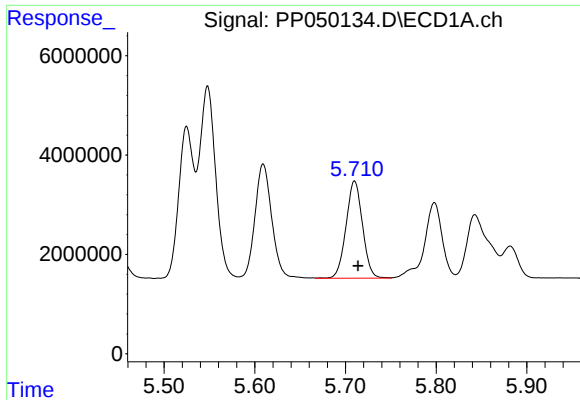
#18 AR-1242-3

R.T.: 5.609 min
Delta R.T.: -0.004 min
Response: 29655399
Conc: 762.73 ng/ml



#18 AR-1242-3

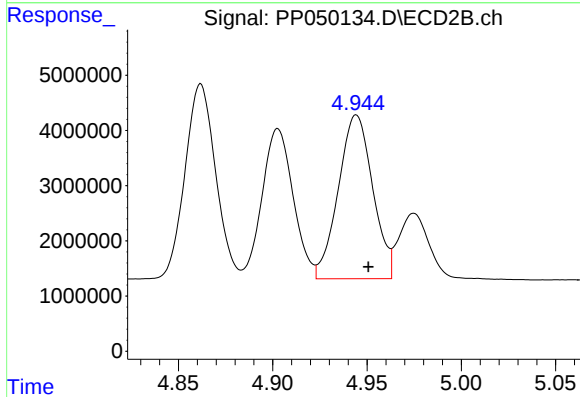
R.T.: 4.862 min
Delta R.T.: -0.007 min
Response: 39855804
Conc: 763.72 ng/ml



#19 AR-1242-4

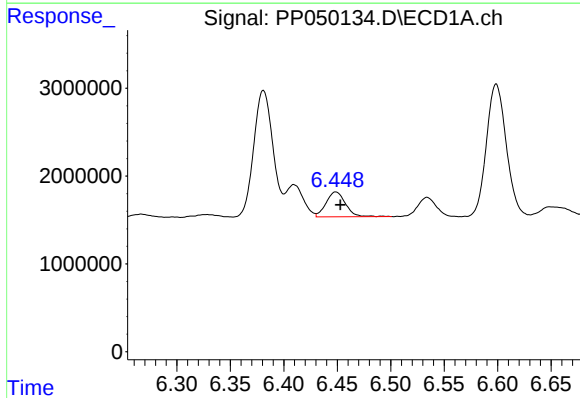
R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 24726869
Conc: 766.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



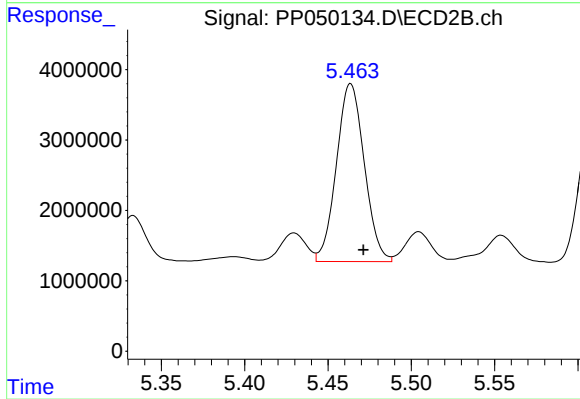
#19 AR-1242-4

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 37653935
Conc: 718.42 ng/ml



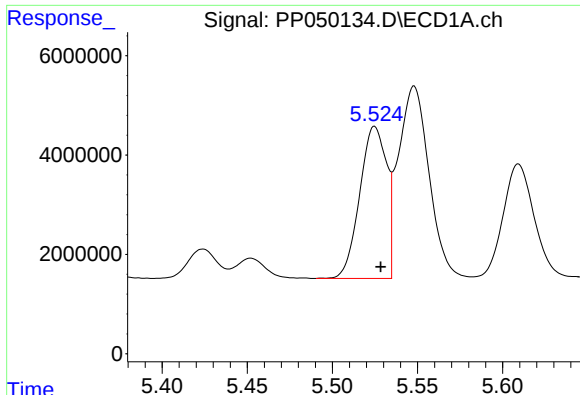
#20 AR-1242-5

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 3590993
Conc: 104.42 ng/ml



#20 AR-1242-5

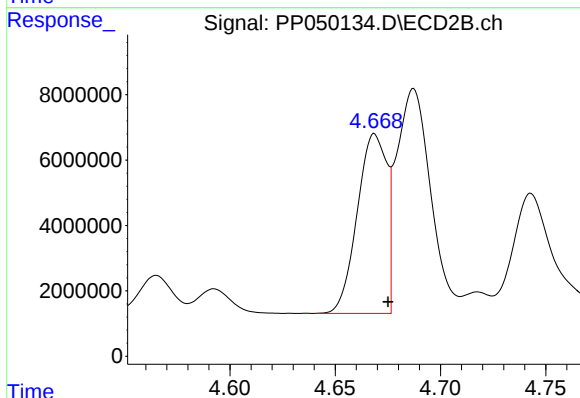
R.T.: 5.464 min
Delta R.T.: -0.008 min
Response: 29413525
Conc: 462.73 ng/ml



#21 AR-1248-1

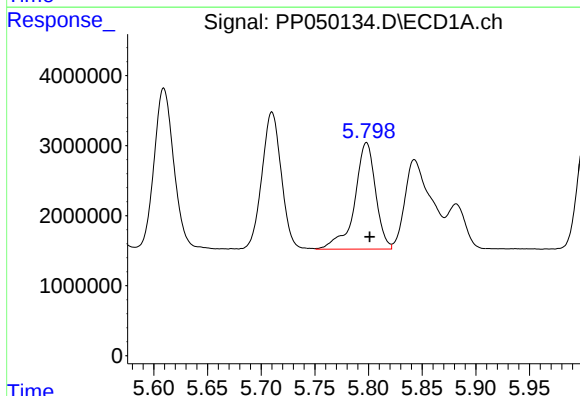
R.T.: 5.525 min
Delta R.T.: -0.003 min
Response: 33557736
Conc: 952.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



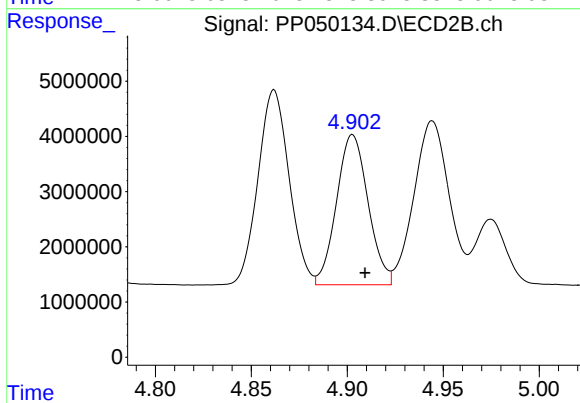
#21 AR-1248-1

R.T.: 4.669 min
Delta R.T.: -0.006 min
Response: 53447822
Conc: 950.52 ng/ml



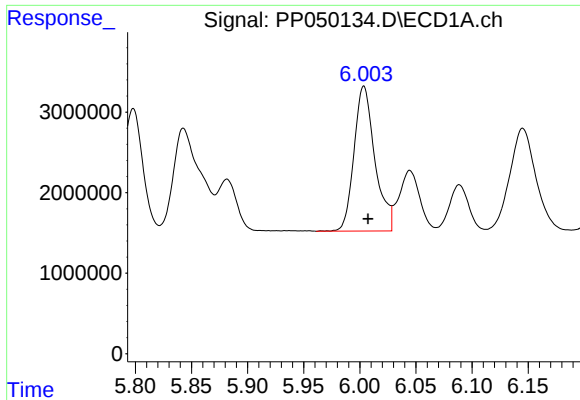
#22 AR-1248-2

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 20696141
Conc: 417.61 ng/ml



#22 AR-1248-2

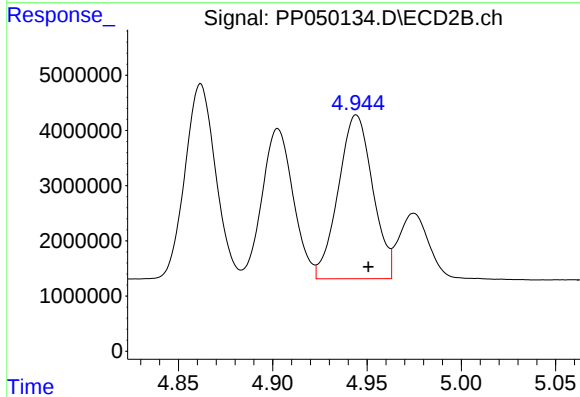
R.T.: 4.903 min
Delta R.T.: -0.007 min
Response: 31193881
Conc: 419.11 ng/ml



#23 AR-1248-3

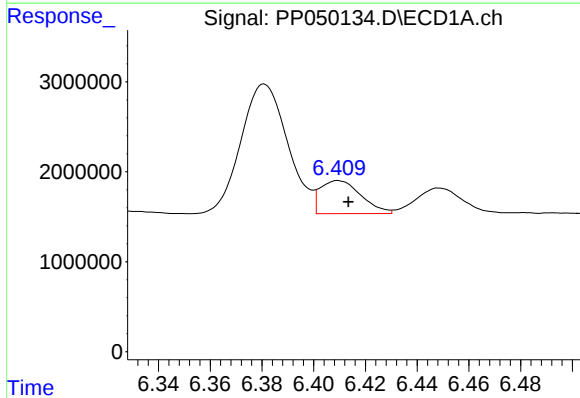
R.T.: 6.004 min
Delta R.T.: -0.004 min
Response: 23311324
Conc: 420.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



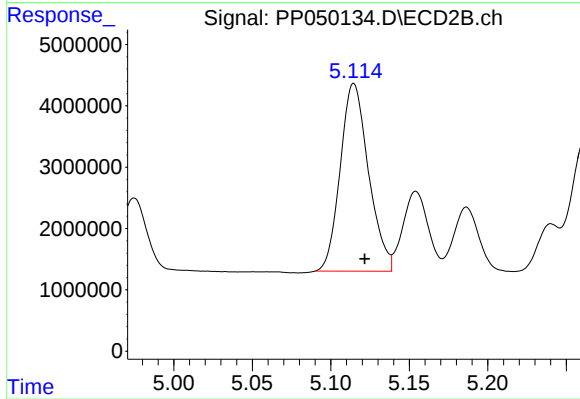
#23 AR-1248-3

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 37653935
Conc: 493.13 ng/ml



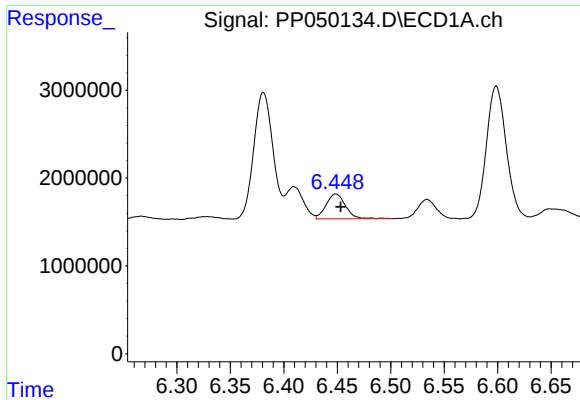
#24 AR-1248-4

R.T.: 6.409 min
Delta R.T.: -0.004 min
Response: 4010885
Conc: 64.70 ng/ml



#24 AR-1248-4

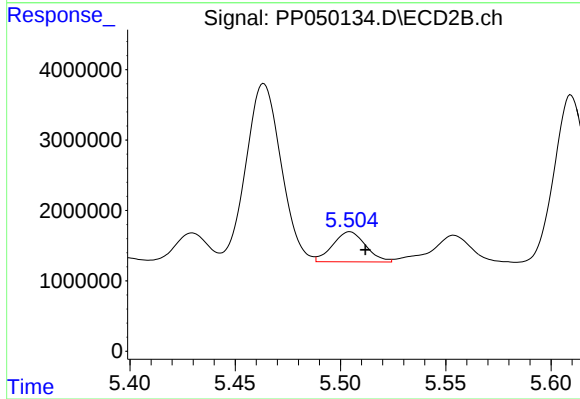
R.T.: 5.115 min
Delta R.T.: -0.007 min
Response: 38357760
Conc: 422.44 ng/ml



#25 AR-1248-5

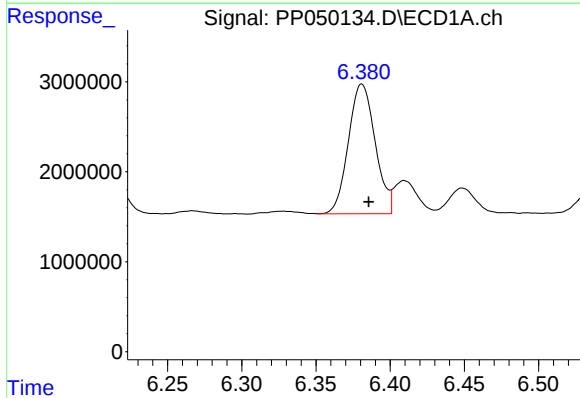
R.T.: 6.449 min
Delta R.T.: -0.005 min
Response: 3590993
Conc: 61.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



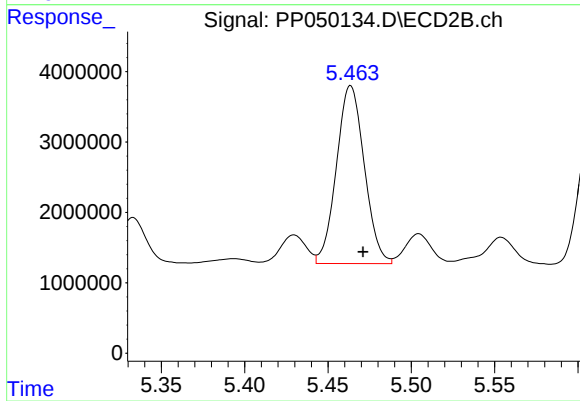
#25 AR-1248-5

R.T.: 5.504 min
Delta R.T.: -0.007 min
Response: 4669986
Conc: 56.03 ng/ml



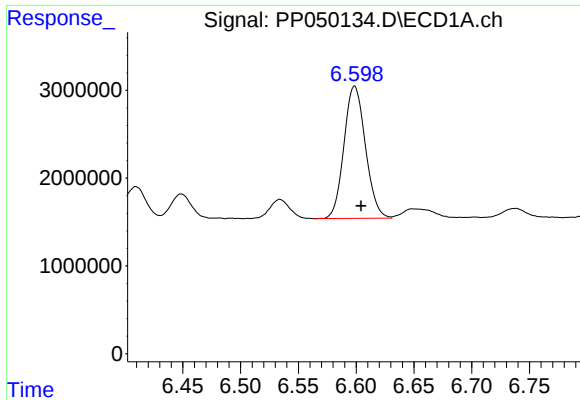
#26 AR-1254-1

R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 18167524
Conc: 288.46 ng/ml



#26 AR-1254-1

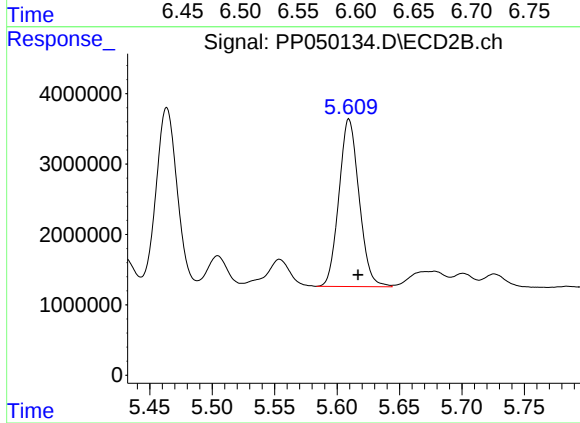
R.T.: 5.464 min
Delta R.T.: -0.008 min
Response: 29413525
Conc: 231.91 ng/ml



#27 AR-1254-2

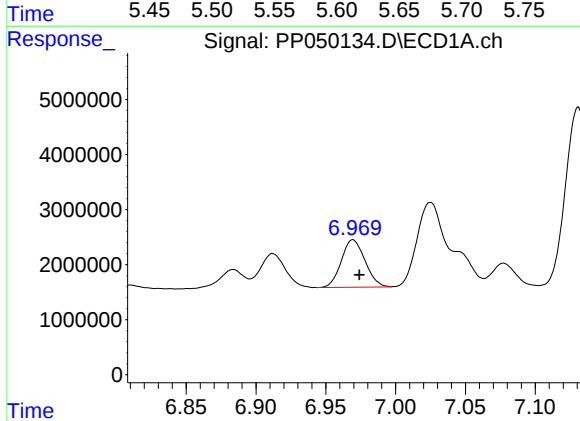
R.T.: 6.599 min
Delta R.T.: -0.006 min
Response: 19427521
Conc: 199.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



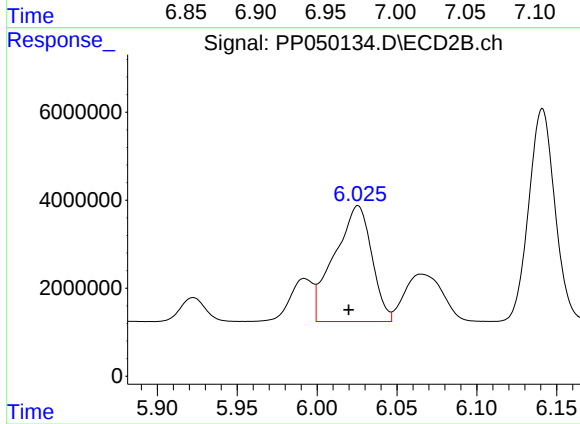
#27 AR-1254-2

R.T.: 5.610 min
Delta R.T.: -0.007 min
Response: 26716074
Conc: 241.71 ng/ml



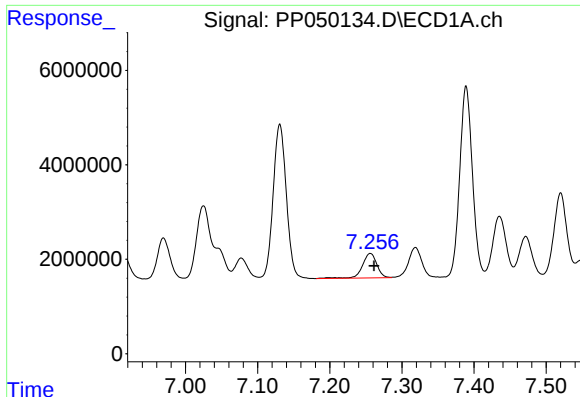
#28 AR-1254-3

R.T.: 6.970 min
Delta R.T.: -0.005 min
Response: 10206693
Conc: 98.78 ng/ml



#28 AR-1254-3

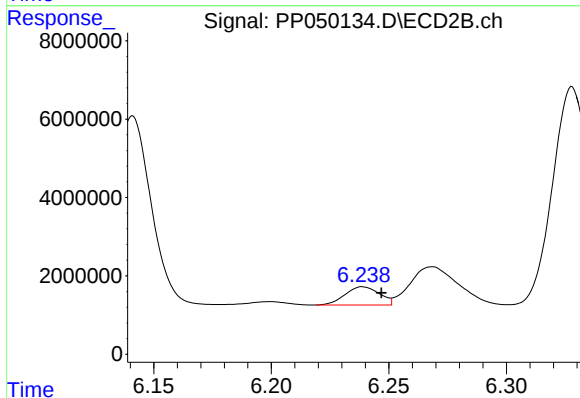
R.T.: 6.026 min
Delta R.T.: 0.006 min
Response: 42783415
Conc: 262.84 ng/ml



#29 AR-1254-4

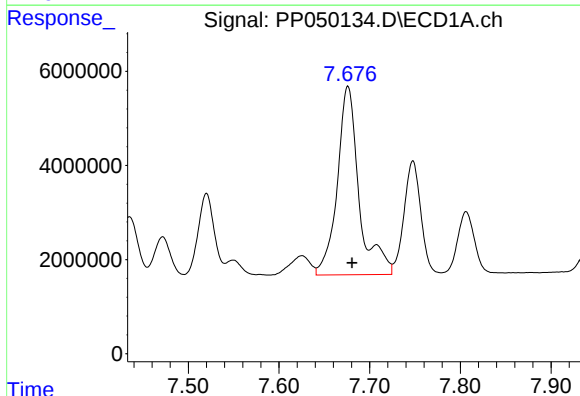
R.T.: 7.256 min
Delta R.T.: -0.005 min
Response: 7288827
Conc: 91.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



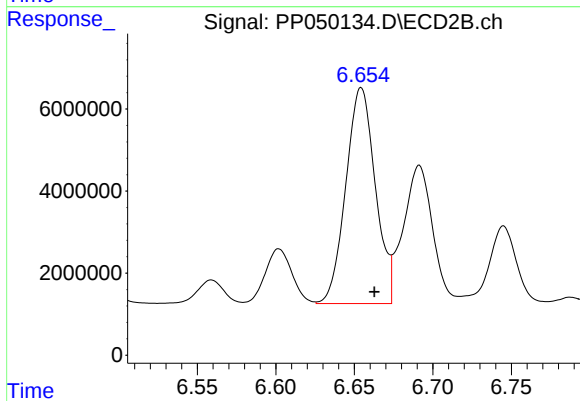
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: -0.008 min
Response: 4739026
Conc: 48.98 ng/ml



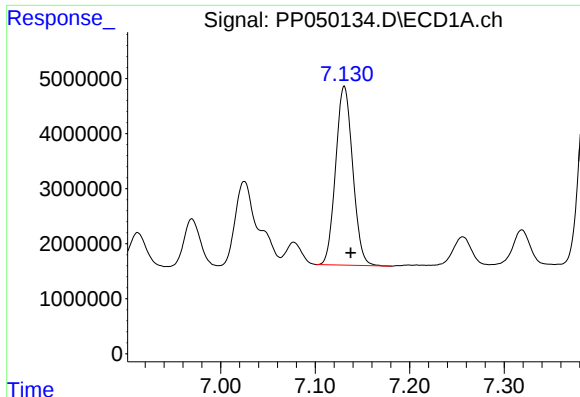
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: -0.005 min
Response: 66936648
Conc: 753.09 ng/ml



#30 AR-1254-5

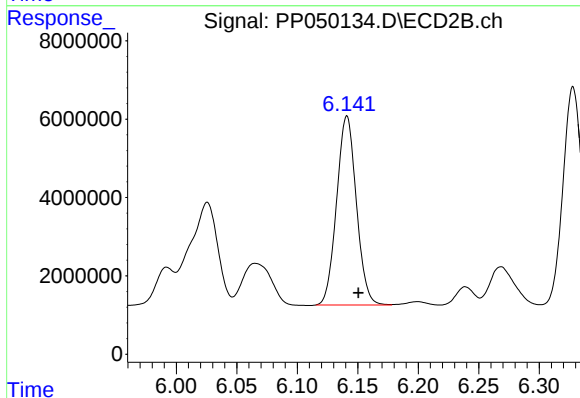
R.T.: 6.654 min
Delta R.T.: -0.009 min
Response: 68918668
Conc: 520.08 ng/ml



#31 AR-1260-1

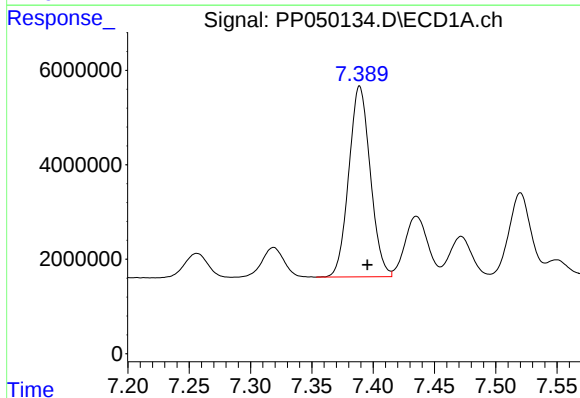
R.T.: 7.131 min
Delta R.T.: -0.007 min
Response: 40758772
Conc: 539.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



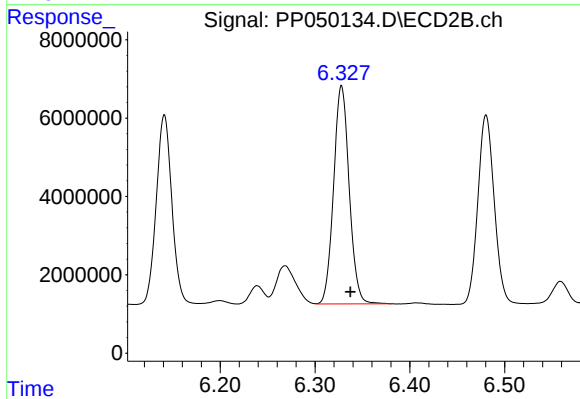
#31 AR-1260-1

R.T.: 6.141 min
Delta R.T.: -0.009 min
Response: 54844484
Conc: 523.32 ng/ml



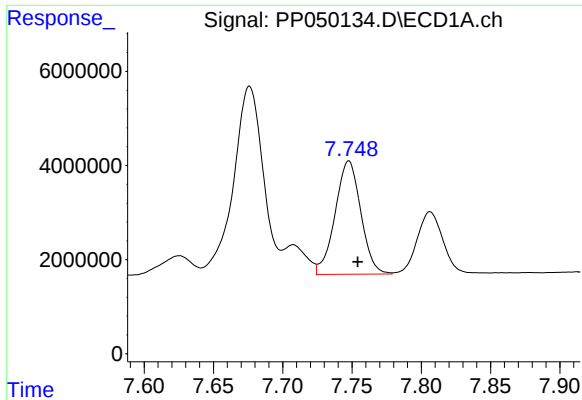
#32 AR-1260-2

R.T.: 7.389 min
Delta R.T.: -0.006 min
Response: 49235681
Conc: 520.11 ng/ml



#32 AR-1260-2

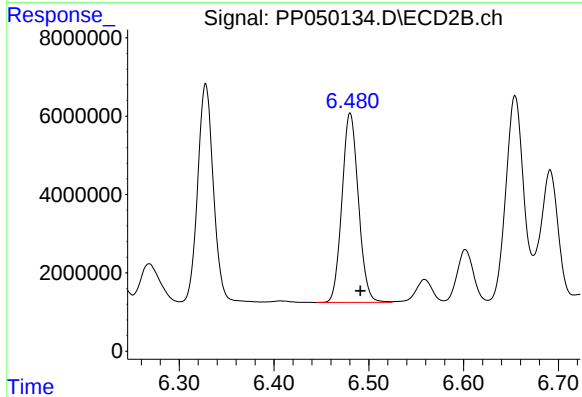
R.T.: 6.328 min
Delta R.T.: -0.009 min
Response: 63541106
Conc: 528.08 ng/ml



#33 AR-1260-3

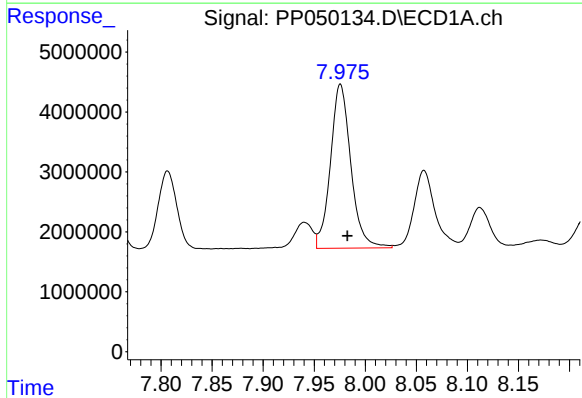
R.T.: 7.748 min
Delta R.T.: -0.007 min
Response: 31158203
Conc: 497.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



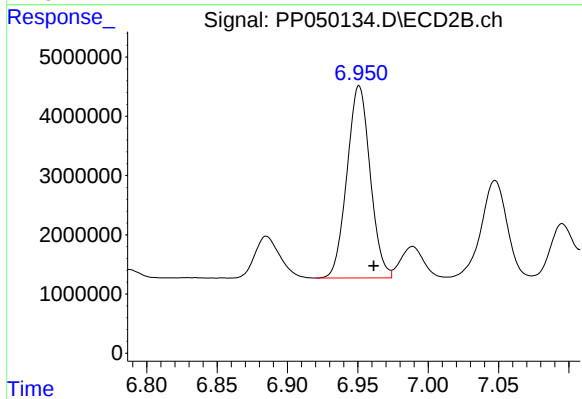
#33 AR-1260-3

R.T.: 6.480 min
Delta R.T.: -0.011 min
Response: 58241863
Conc: 514.71 ng/ml



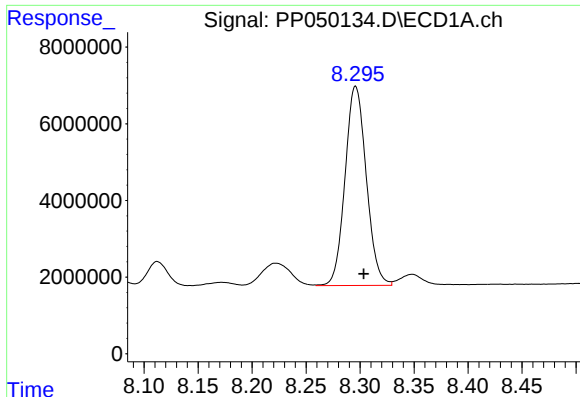
#34 AR-1260-4

R.T.: 7.976 min
Delta R.T.: -0.007 min
Response: 38117502
Conc: 492.63 ng/ml



#34 AR-1260-4

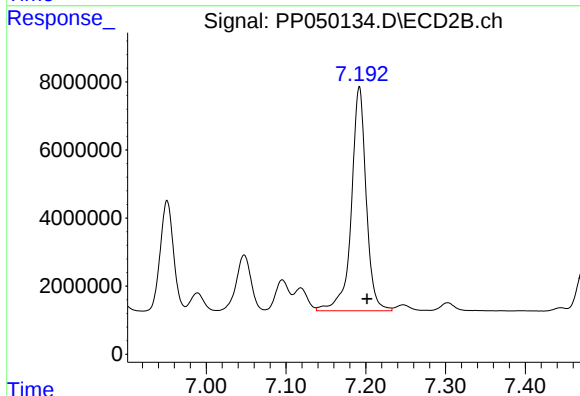
R.T.: 6.951 min
Delta R.T.: -0.011 min
Response: 37331216
Conc: 488.04 ng/ml



#35 AR-1260-5

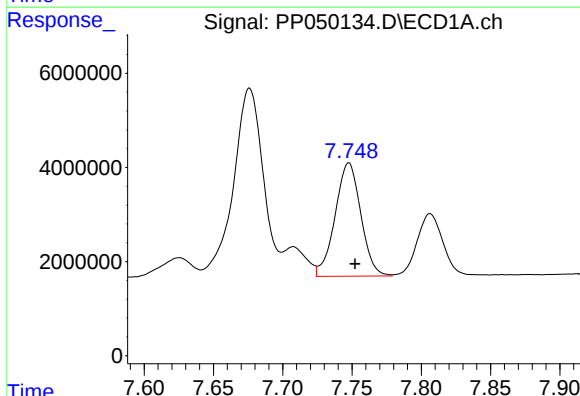
R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 71192148
Conc: 463.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



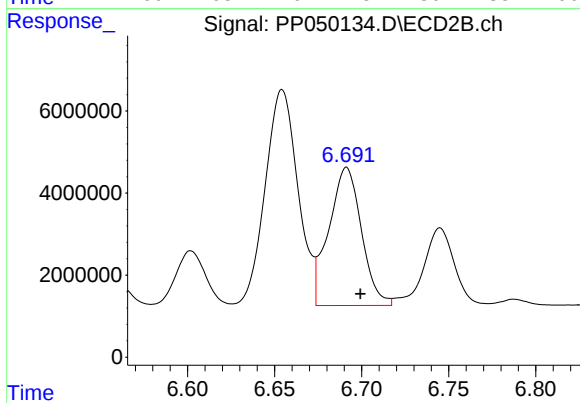
#35 AR-1260-5

R.T.: 7.192 min
Delta R.T.: -0.010 min
Response: 85171158
Conc: 498.08 ng/ml



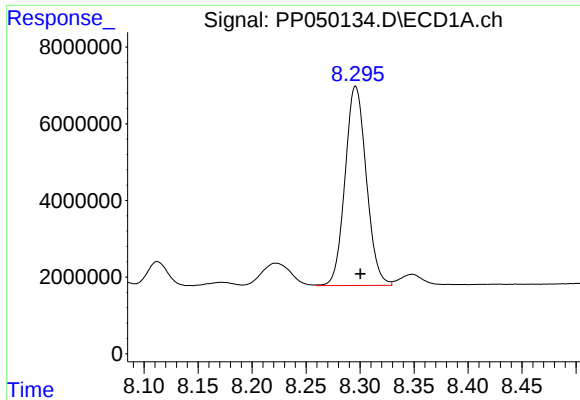
#36 AR-1262-1

R.T.: 7.748 min
Delta R.T.: -0.005 min
Response: 31158203
Conc: 323.70 ng/ml



#36 AR-1262-1

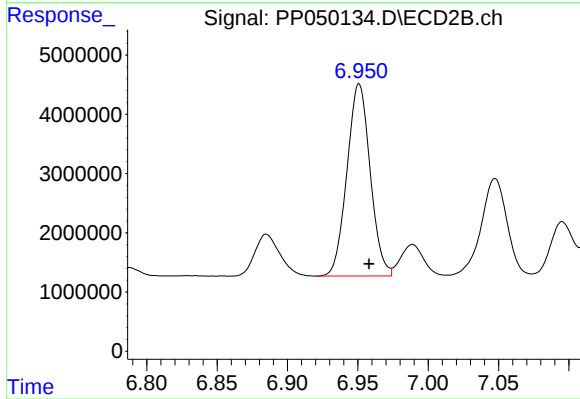
R.T.: 6.691 min
Delta R.T.: -0.008 min
Response: 43902896
Conc: 370.38 ng/ml



#37 AR-1262-2

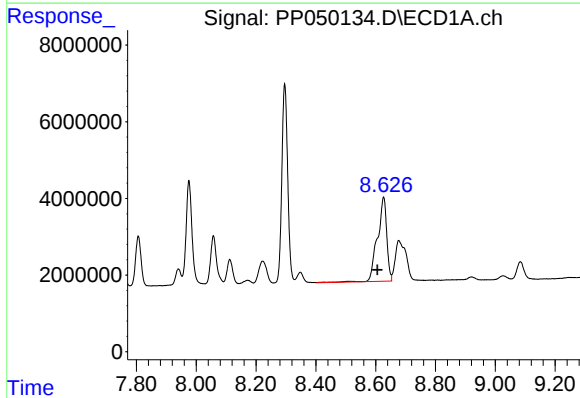
R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 71192148
Conc: 399.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



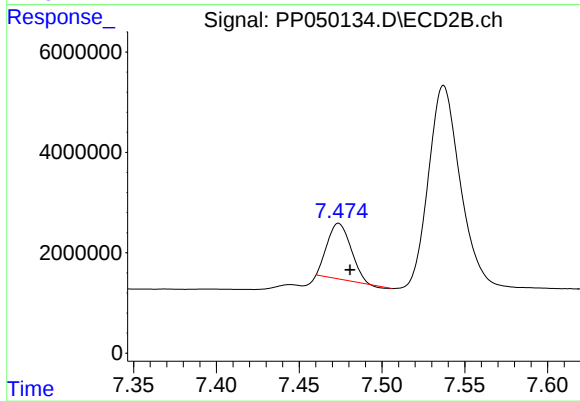
#37 AR-1262-2

R.T.: 6.951 min
Delta R.T.: -0.007 min
Response: 37331216
Conc: 369.40 ng/ml



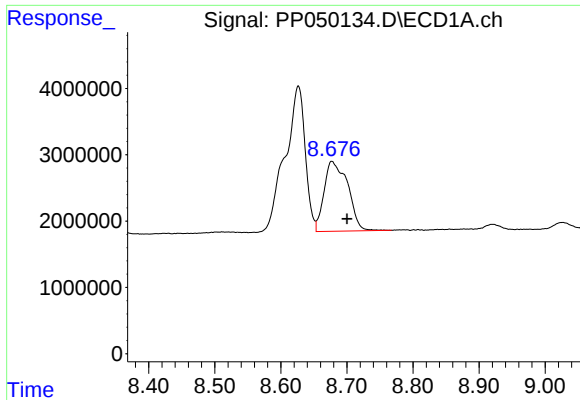
#38 AR-1262-3

R.T.: 8.626 min
Delta R.T.: 0.020 min
Response: 47688885
Conc: 607.28 ng/ml



#38 AR-1262-3

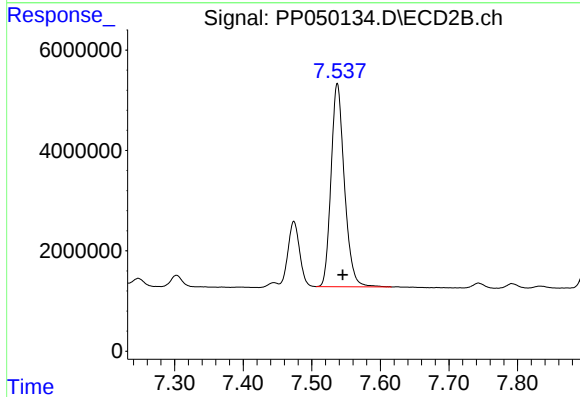
R.T.: 7.474 min
Delta R.T.: -0.007 min
Response: 10932716
Conc: 168.90 ng/ml



#39 AR-1262-4

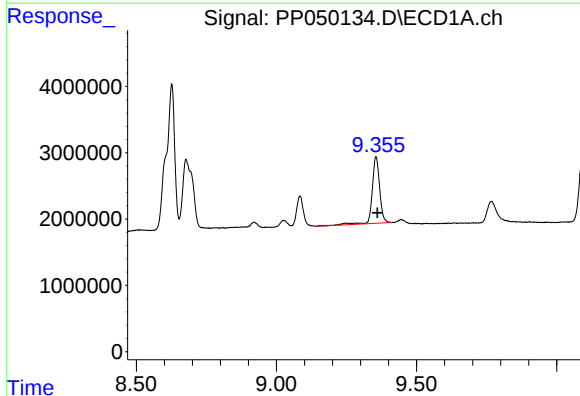
R.T.: 8.678 min
Delta R.T.: -0.022 min
Response: 26239604
Conc: 580.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



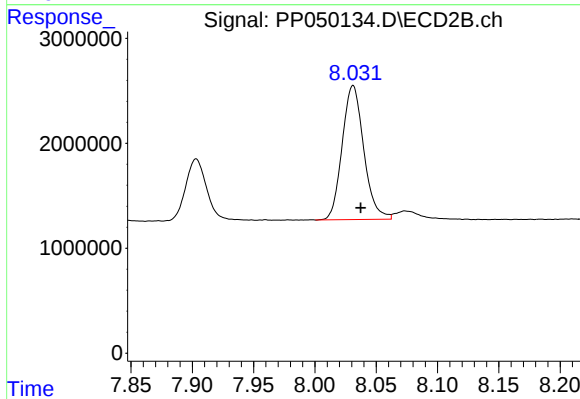
#39 AR-1262-4

R.T.: 7.537 min
Delta R.T.: -0.008 min
Response: 54744778
Conc: 427.93 ng/ml



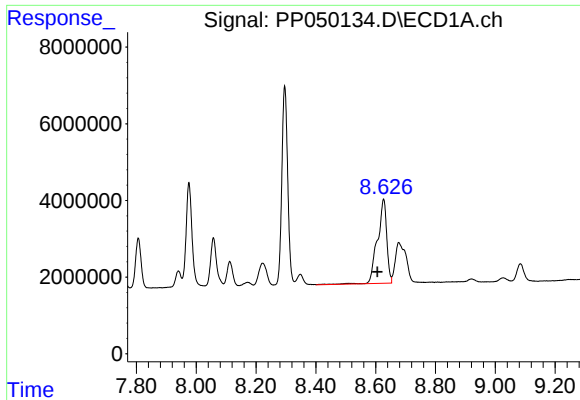
#40 AR-1262-5

R.T.: 9.355 min
Delta R.T.: -0.005 min
Response: 18750361
Conc: 269.12 ng/ml



#40 AR-1262-5

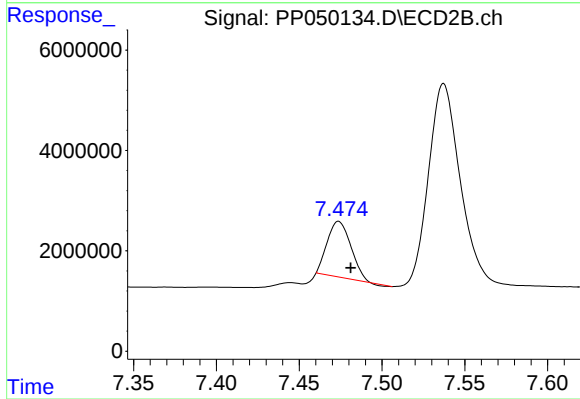
R.T.: 8.031 min
Delta R.T.: -0.006 min
Response: 15660371
Conc: 285.18 ng/ml



#41 AR-1268-1

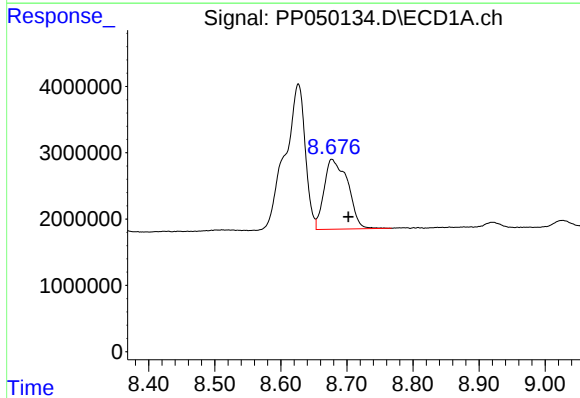
R.T.: 8.626 min
Delta R.T.: 0.021 min
Response: 47688885
Conc: 233.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



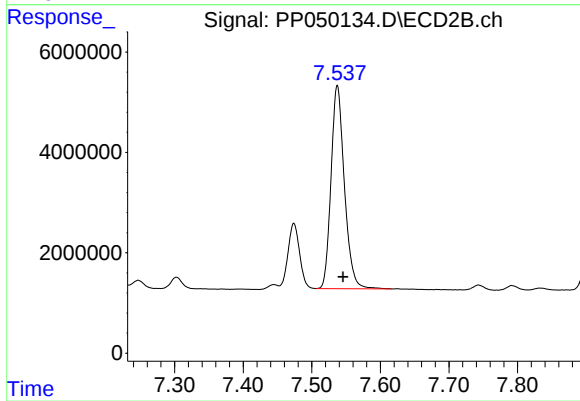
#41 AR-1268-1

R.T.: 7.474 min
Delta R.T.: -0.007 min
Response: 10932716
Conc: 59.52 ng/ml



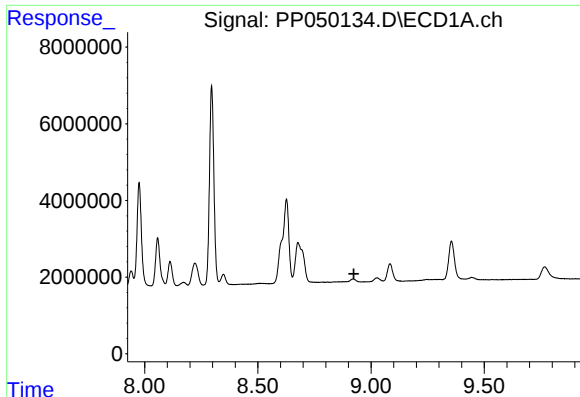
#42 AR-1268-2

R.T.: 8.678 min
Delta R.T.: -0.024 min
Response: 26239604
Conc: 141.46 ng/ml



#42 AR-1268-2

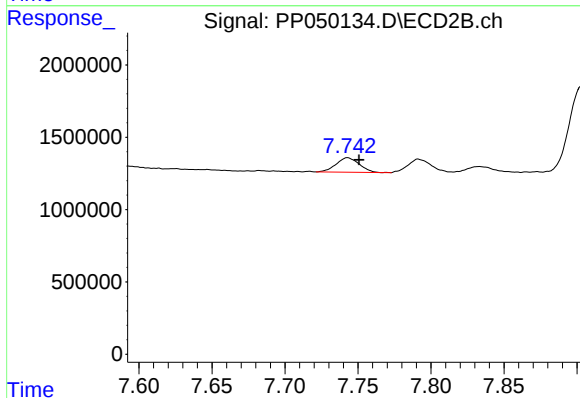
R.T.: 7.537 min
Delta R.T.: -0.009 min
Response: 54744778
Conc: 316.43 ng/ml



#43 AR-1268-3

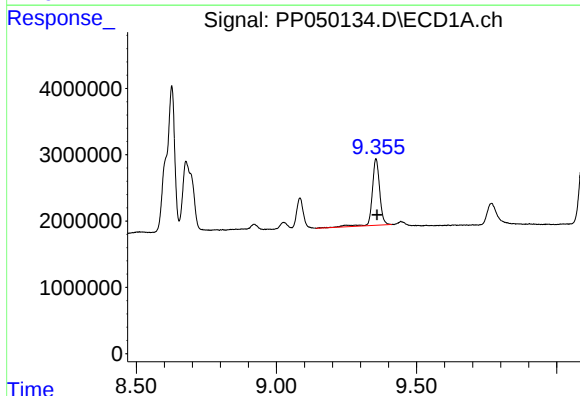
R.T.: 0.000 min
Exp R.T.: 8.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



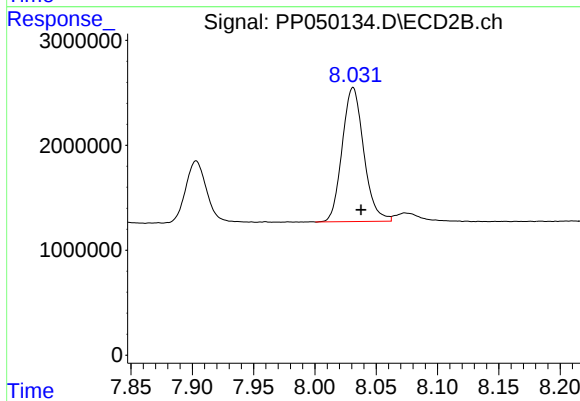
#43 AR-1268-3

R.T.: 7.743 min
Delta R.T.: -0.008 min
Response: 1103763
Conc: 7.85 ng/ml



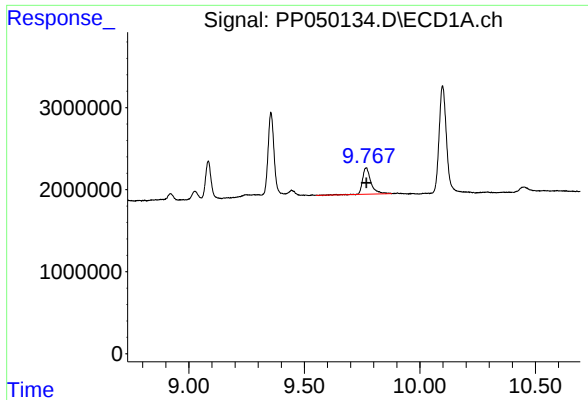
#44 AR-1268-4

R.T.: 9.355 min
Delta R.T.: -0.004 min
Response: 18750361
Conc: 250.50 ng/ml



#44 AR-1268-4

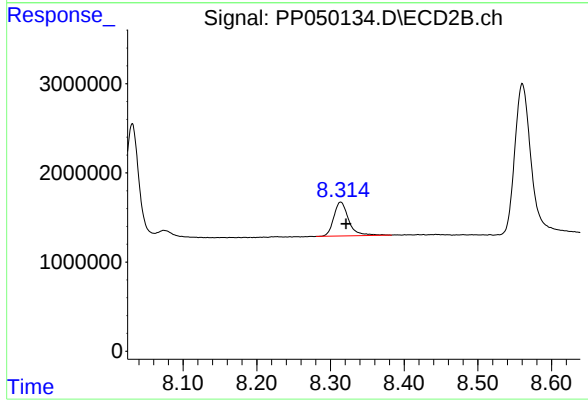
R.T.: 8.031 min
Delta R.T.: -0.006 min
Response: 15660371
Conc: 258.98 ng/ml



#45 AR-1268-5

R.T.: 9.767 min
Delta R.T.: -0.002 min
Response: 8238608
Conc: 16.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.314 min
Delta R.T.: -0.007 min
Response: 5347320
Conc: 13.07 ng/ml