

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011123\
 Data File : PP054432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2023 10:29
 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: Jan 11 20:49:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.336	3.586	104.7E6	77182834	51.697	47.851
2)	SA Decachlor...	10.096	8.605	59137730	67518880	41.177	47.863
Target Compounds							
3)	L1 AR-1016-1	5.507	4.671	36325053	25478844	491.564	489.673
4)	L1 AR-1016-2	5.529	4.690	51639667	36183635	483.886	505.199
5)	L1 AR-1016-3	5.591	4.866	31439821	19414624	459.557	494.918
6)	L1 AR-1016-4	5.690	4.908	23285632	16174268	447.246	469.993
7)	L1 AR-1016-5	5.986	5.122	20562065	21860230	454.142	497.192
8)	L2 AR-1221-1	4.540	3.798	3707332	2865389	154.188	149.955
9)	L2 AR-1221-2	4.631	3.885	5514384	4131902	311.249	280.228
10)	L2 AR-1221-3	4.707	3.961	20426761	15828712	378.987	356.379
11)	L3 AR-1232-1	4.707	3.961	20426761	15828712	454.114	425.294
12)	L3 AR-1232-2	5.238	4.690	29033635	36183635	1112.644	675.126 #
13)	L3 AR-1232-3	5.529	4.866	51639667	19414624	1122.617	1169.372
14)	L3 AR-1232-4	5.690	4.950	23285632	20035512	1039.888	1194.349
15)	L3 AR-1232-5	5.781	5.122	17815727	21860230	1001.107	1210.765
16)	L4 AR-1242-1	5.507	4.671	36325053	25478844	611.767	603.513
17)	L4 AR-1242-2	5.529	4.690	51639667	36183635	604.018	621.516
18)	L4 AR-1242-3	5.591	4.866	31439821	19414624	575.423	607.068
19)	L4 AR-1242-4	5.690	4.950	23285632	20035512	555.596	574.342
20)	L4 AR-1242-5	6.431	5.475	5229827	20629664	159.327	548.308 #
21)	L5 AR-1248-1	5.507	4.671	36325053	25478844	809.081	783.277
22)	L5 AR-1248-2	5.781	4.908	17815727	16174268	280.396	327.520
23)	L5 AR-1248-3	5.986	4.950	20562065	20035512	346.893	388.245
24)	L5 AR-1248-4	6.391	5.122	6430787	21860230	111.014	370.413 #
25)	L5 AR-1248-5	6.431	5.515	5229827	5054043	94.257	101.907
26)	L6 AR-1254-1	6.364	5.475	16790855	20629664	270.232	240.563
27)	L6 AR-1254-2	6.584	5.623	14579003	14982144	155.350	201.670 #
28)	L6 AR-1254-3	6.952	6.043	6399669	26758799	67.417	230.536 #
29)	L6 AR-1254-4	7.238	6.257	4381798	1870058	64.595	29.707 #
30)	L6 AR-1254-5	7.659	6.676	42960815	47866829	565.135	500.607
31)	L7 AR-1260-1	7.117	6.158	33846484	40171015	434.183	474.208
32)	L7 AR-1260-2	7.376	6.347	38591632	46725151	430.862	488.552
33)	L7 AR-1260-3	7.737	6.501	28697018	43815261	419.939	479.354
34)	L7 AR-1260-4	7.963	6.975	33595582	35839704	421.679	472.788
35)	L7 AR-1260-5	8.280	7.217	59846850	76477467	417.285	482.794
36)	L8 AR-1262-1	7.737	6.768	28697018	19891594	341.125	487.209 #
37)	L8 AR-1262-2	8.280	6.975	59846850	35839704	422.892	413.955
38)	L8 AR-1262-3	8.601	7.502	40022840	17007456	386.504	254.757 #
39)	L8 AR-1262-4	8.680	7.566	11814422	55895552	233.370	477.655 #
40)	L8 AR-1262-5	9.338	8.061	17715928	17919100	315.363	325.279
41)	L9 AR-1268-1	8.601	7.502	40022840	17007456	205.316	83.754 #

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 Acq On : 11 Jan 2023 10:29
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

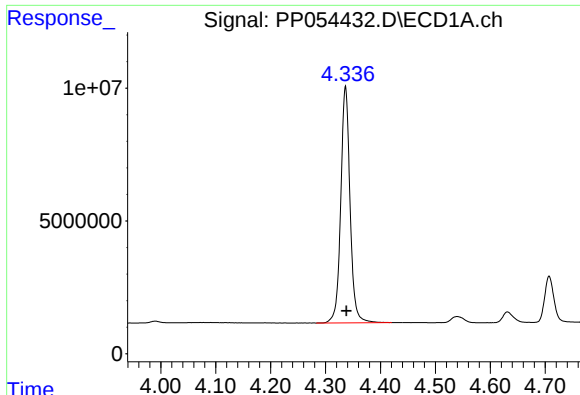
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 20:49:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 2023
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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	8.680	7.566	11814422	55895552	66.946	303.410 #
43) L9	AR-1268-3	8.910	7.775	1012133	1002764	6.525	5.866
44) L9	AR-1268-4	9.338	8.061	17715928	17919100	258.919	283.613
45) L9	AR-1268-5	9.756	8.352	5458785	6230364	10.708	12.731

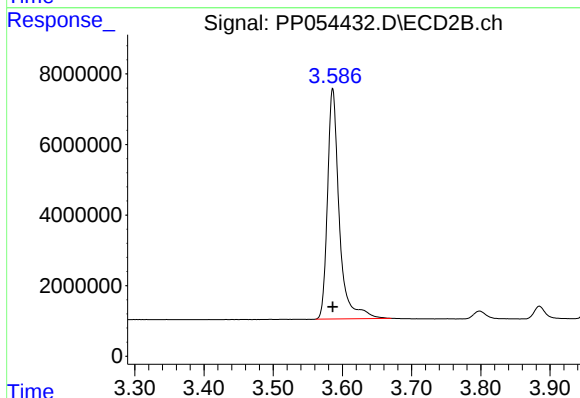
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

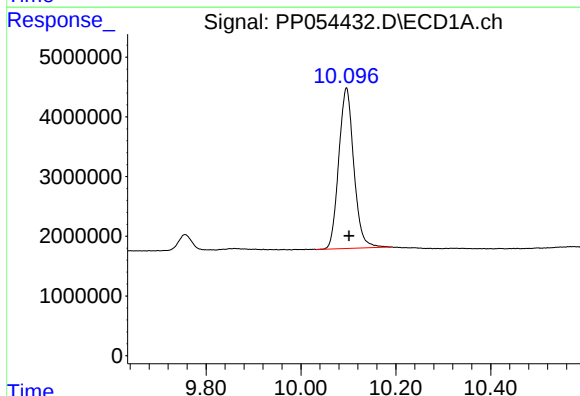
R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 104690167
Conc: 51.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



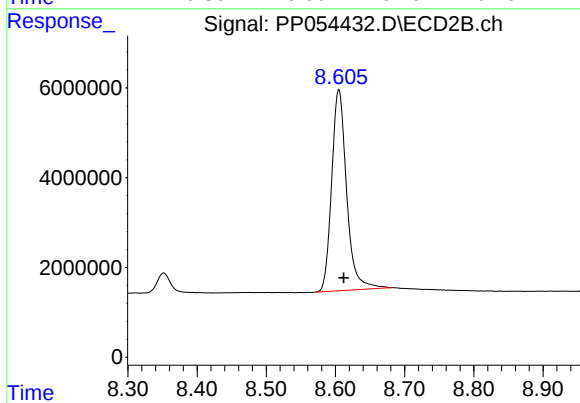
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 77182834
Conc: 47.85 ng/ml



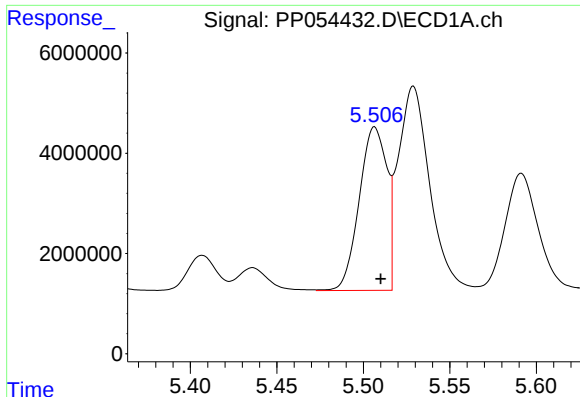
#2 Decachlorobiphenyl

R.T.: 10.096 min
Delta R.T.: -0.005 min
Response: 59137730
Conc: 41.18 ng/ml



#2 Decachlorobiphenyl

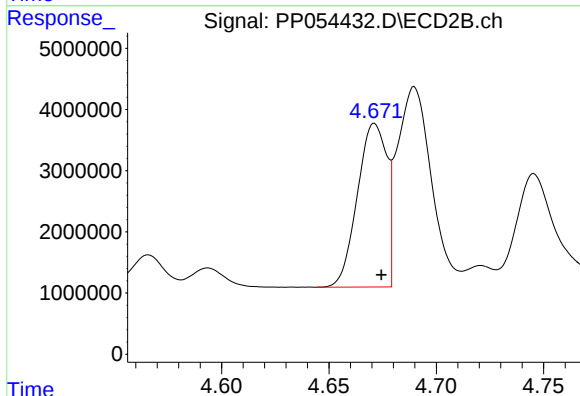
R.T.: 8.605 min
Delta R.T.: -0.007 min
Response: 67518880
Conc: 47.86 ng/ml



#3 AR-1016-1

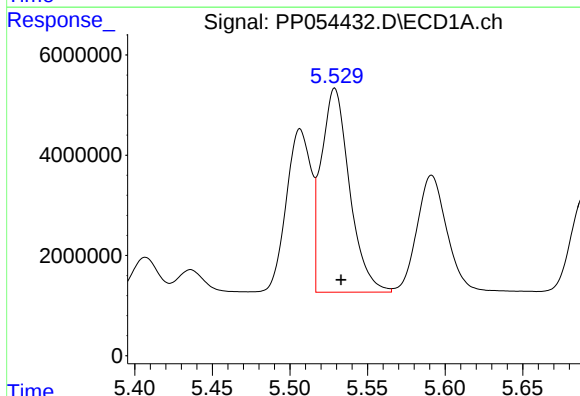
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 36325053
Conc: 491.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



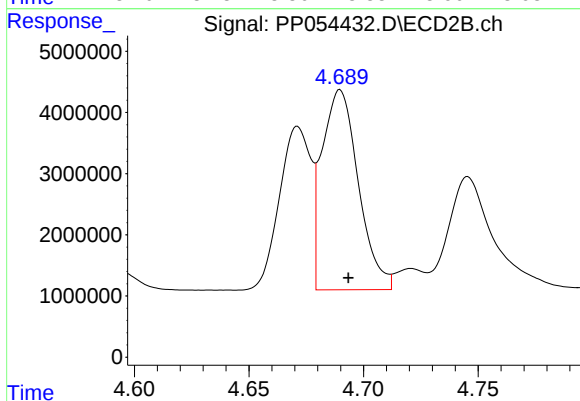
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 25478844
Conc: 489.67 ng/ml



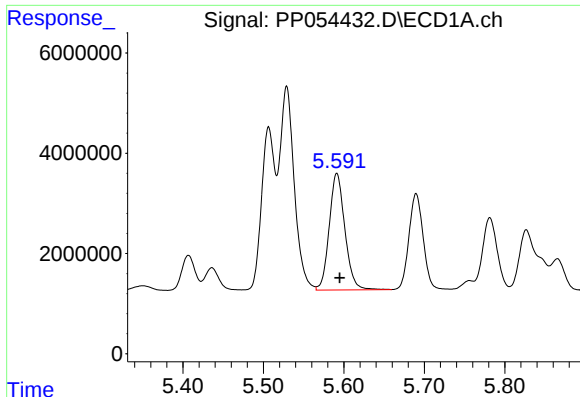
#4 AR-1016-2

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 51639667
Conc: 483.89 ng/ml



#4 AR-1016-2

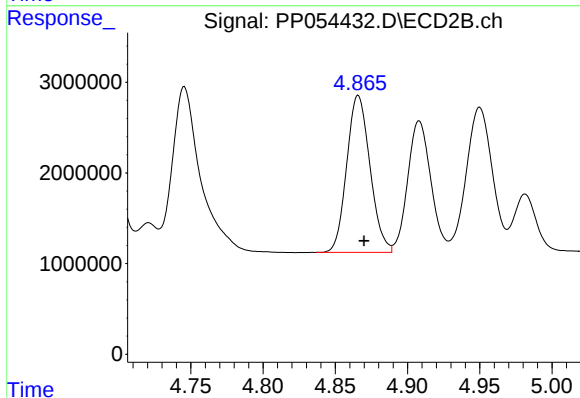
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 36183635
Conc: 505.20 ng/ml



#5 AR-1016-3

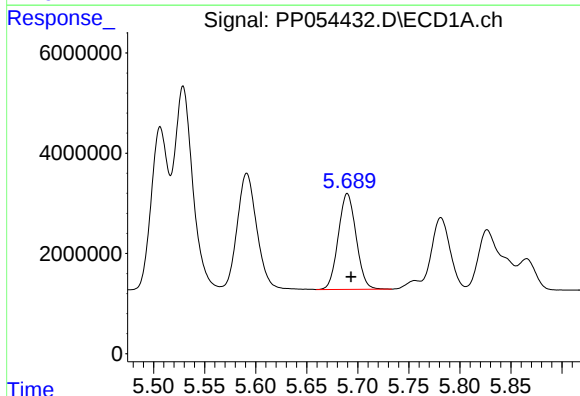
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 31439821
Conc: 459.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



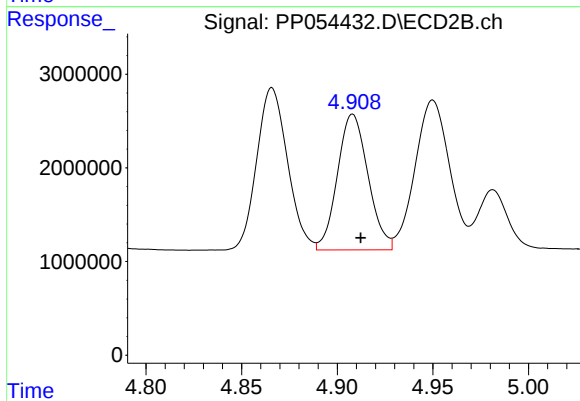
#5 AR-1016-3

R.T.: 4.866 min
Delta R.T.: -0.004 min
Response: 19414624
Conc: 494.92 ng/ml



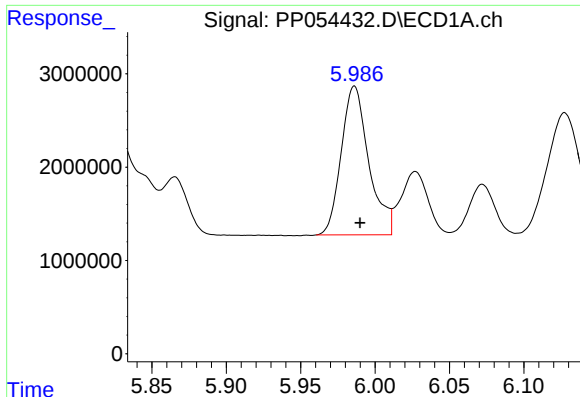
#6 AR-1016-4

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 23285632
Conc: 447.25 ng/ml



#6 AR-1016-4

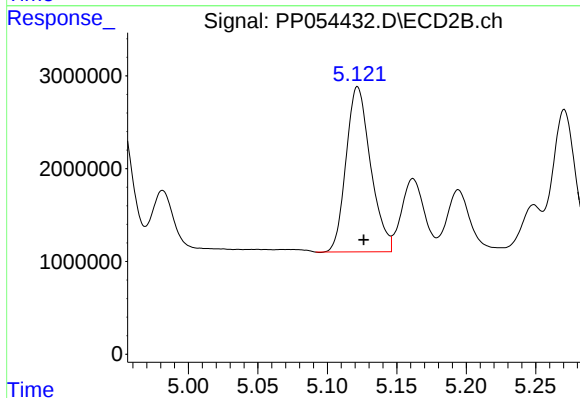
R.T.: 4.908 min
Delta R.T.: -0.004 min
Response: 16174268
Conc: 469.99 ng/ml



#7 AR-1016-5

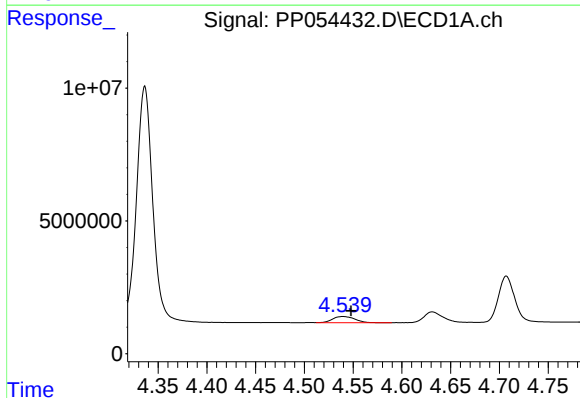
R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 20562065
Conc: 454.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



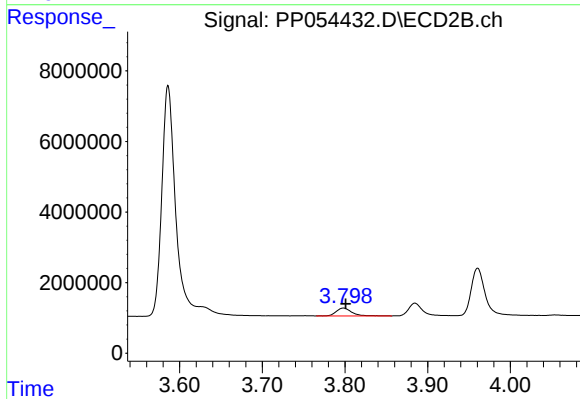
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 21860230
Conc: 497.19 ng/ml



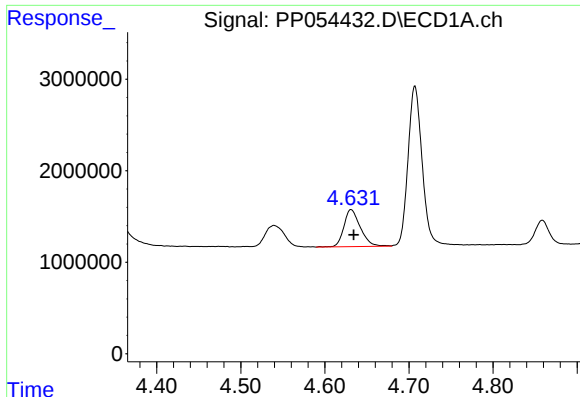
#8 AR-1221-1

R.T.: 4.540 min
Delta R.T.: -0.008 min
Response: 3707332
Conc: 154.19 ng/ml



#8 AR-1221-1

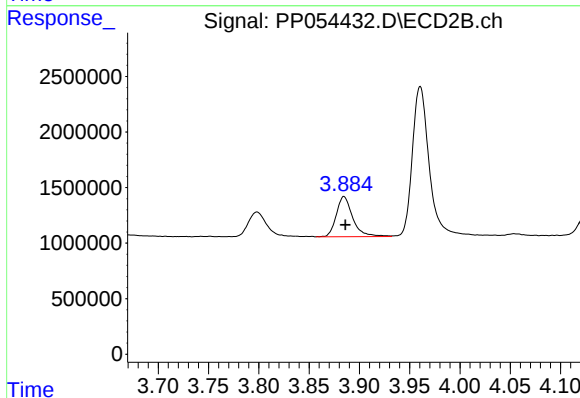
R.T.: 3.798 min
Delta R.T.: -0.003 min
Response: 2865389
Conc: 149.96 ng/ml



#9 AR-1221-2

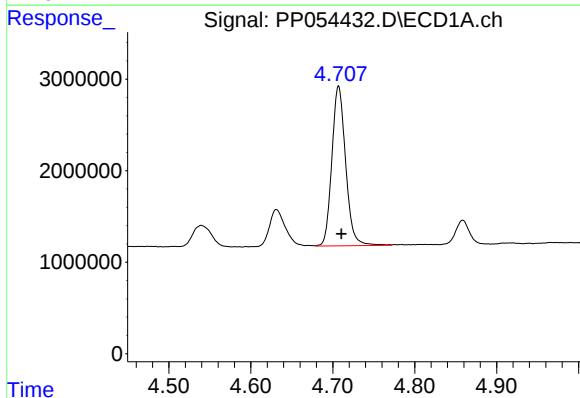
R.T.: 4.631 min
Delta R.T.: -0.003 min
Response: 5514384
Conc: 311.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



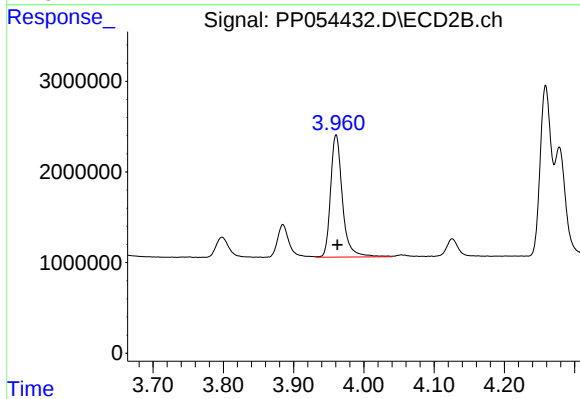
#9 AR-1221-2

R.T.: 3.885 min
Delta R.T.: -0.001 min
Response: 4131902
Conc: 280.23 ng/ml



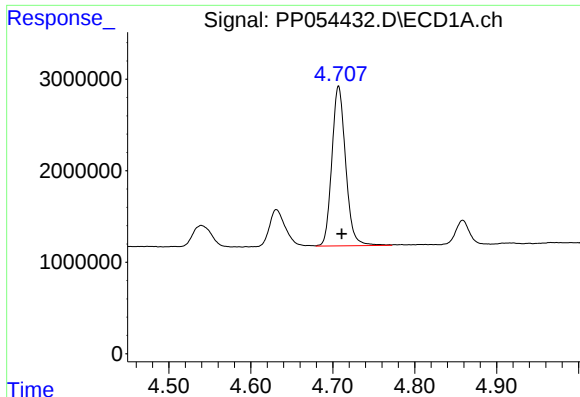
#10 AR-1221-3

R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 20426761
Conc: 378.99 ng/ml



#10 AR-1221-3

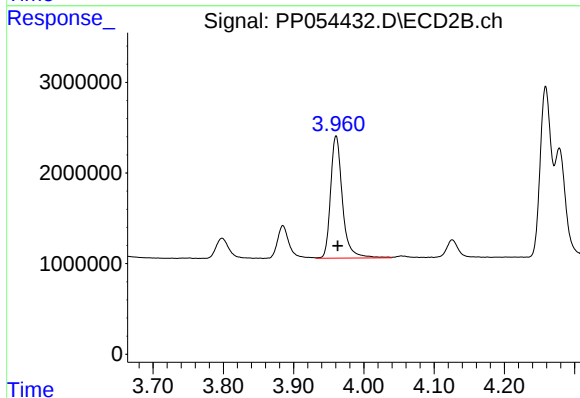
R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 15828712
Conc: 356.38 ng/ml



#11 AR-1232-1

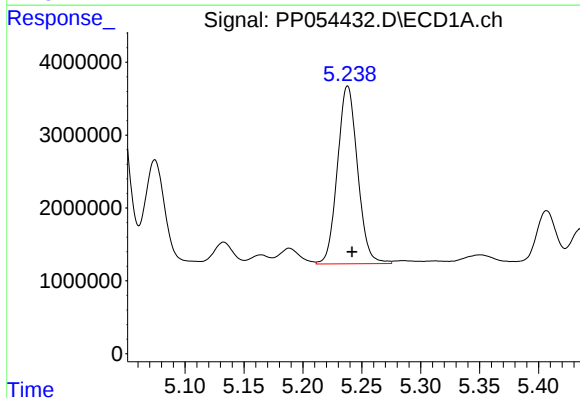
R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 20426761
Conc: 454.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



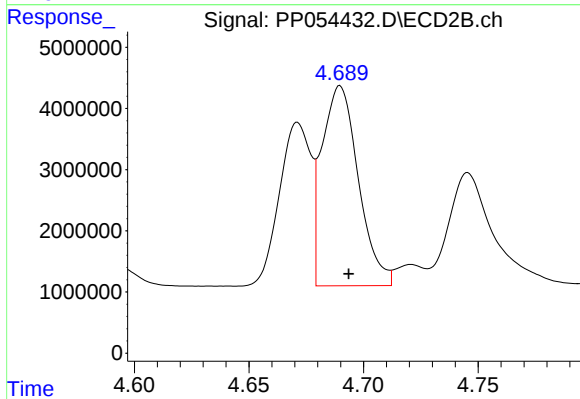
#11 AR-1232-1

R.T.: 3.961 min
Delta R.T.: -0.003 min
Response: 15828712
Conc: 425.29 ng/ml



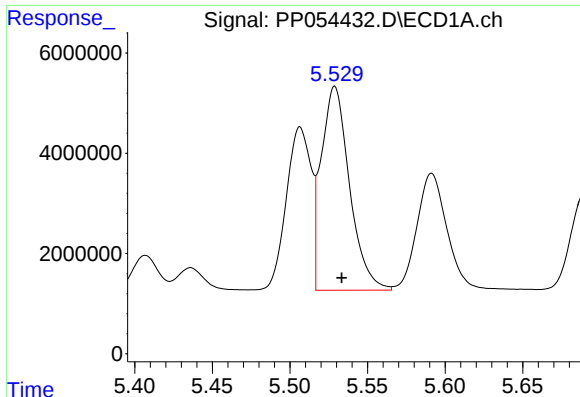
#12 AR-1232-2

R.T.: 5.238 min
Delta R.T.: -0.004 min
Response: 29033635
Conc: 1112.64 ng/ml



#12 AR-1232-2

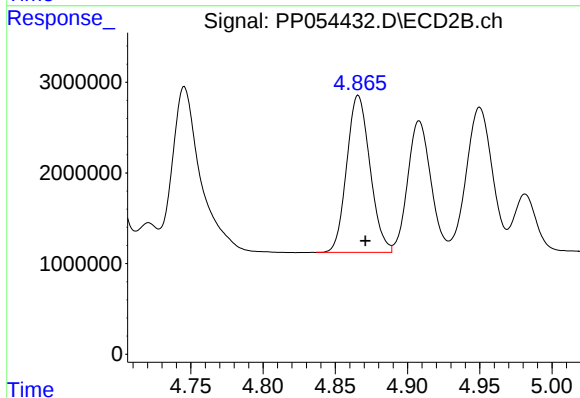
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 36183635
Conc: 675.13 ng/ml



#13 AR-1232-3

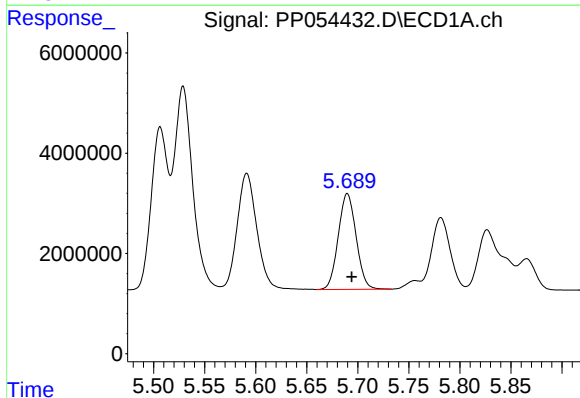
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 51639667
Conc: 1122.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



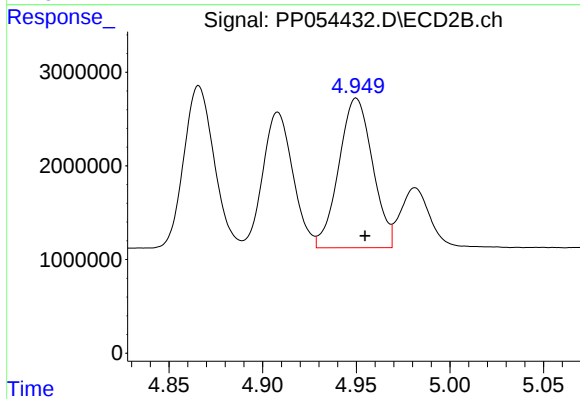
#13 AR-1232-3

R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 19414624
Conc: 1169.37 ng/ml



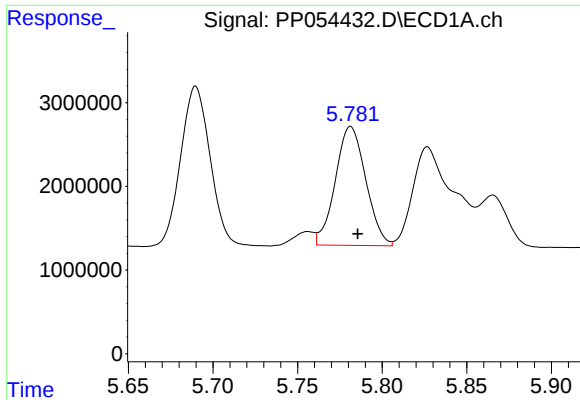
#14 AR-1232-4

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 23285632
Conc: 1039.89 ng/ml



#14 AR-1232-4

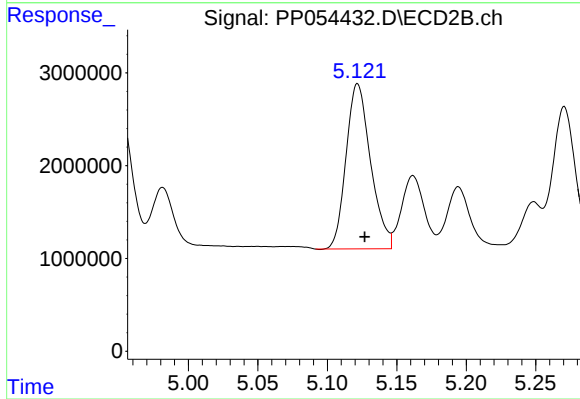
R.T.: 4.950 min
Delta R.T.: -0.005 min
Response: 20035512
Conc: 1194.35 ng/ml



#15 AR-1232-5

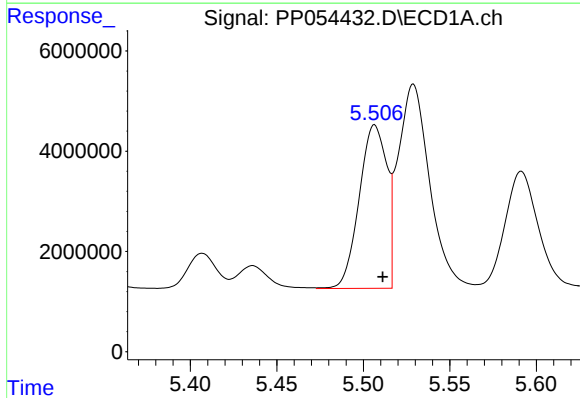
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 17815727
Conc: 1001.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



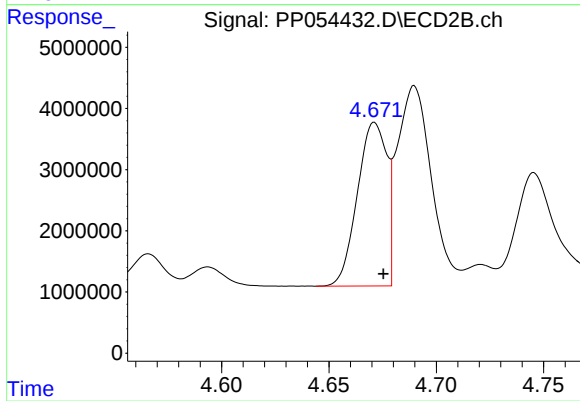
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 21860230
Conc: 1210.77 ng/ml



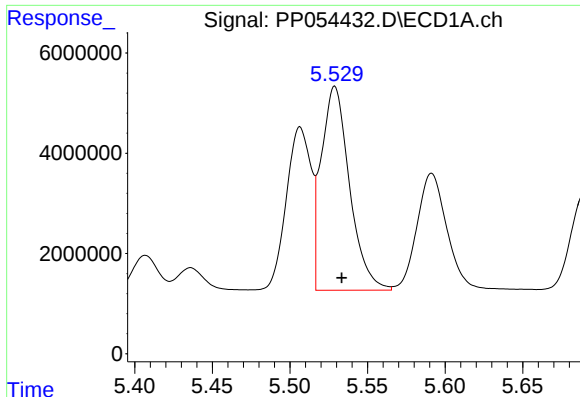
#16 AR-1242-1

R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 36325053
Conc: 611.77 ng/ml



#16 AR-1242-1

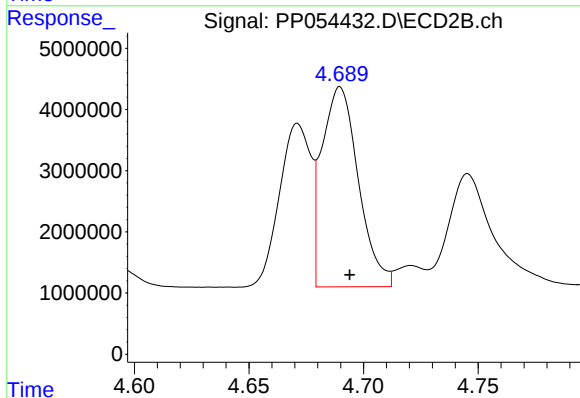
R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 25478844
Conc: 603.51 ng/ml



#17 AR-1242-2

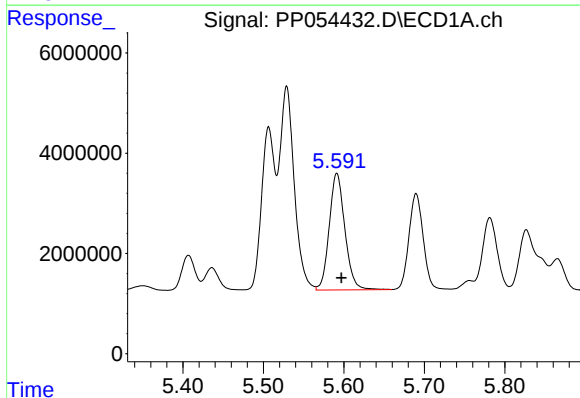
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 51639667
Conc: 604.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



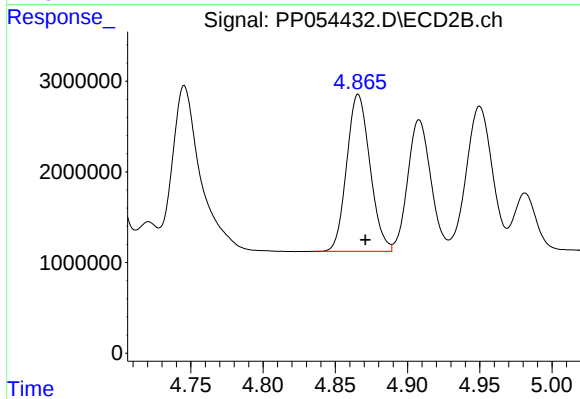
#17 AR-1242-2

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 36183635
Conc: 621.52 ng/ml



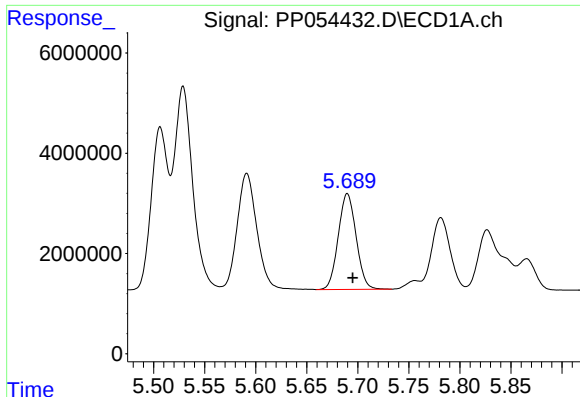
#18 AR-1242-3

R.T.: 5.591 min
Delta R.T.: -0.005 min
Response: 31439821
Conc: 575.42 ng/ml



#18 AR-1242-3

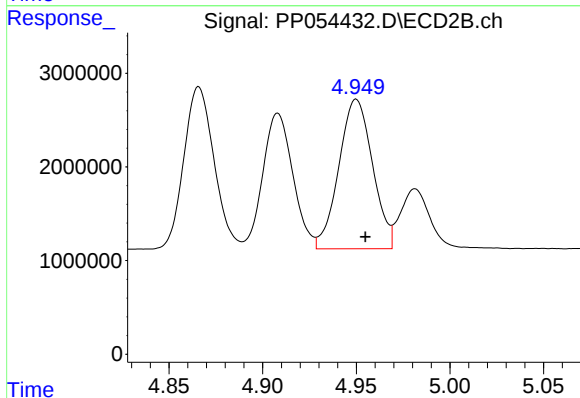
R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 19414624
Conc: 607.07 ng/ml



#19 AR-1242-4

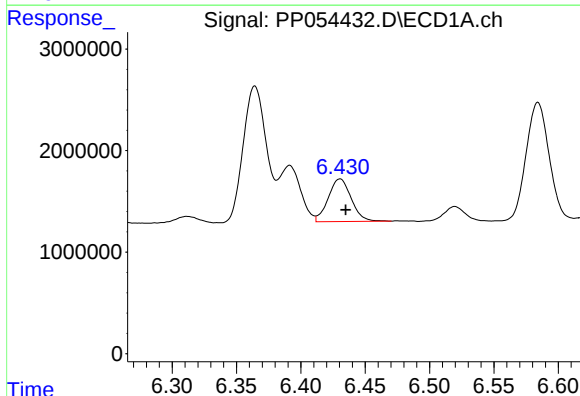
R.T.: 5.690 min
Delta R.T.: -0.005 min
Response: 23285632
Conc: 555.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



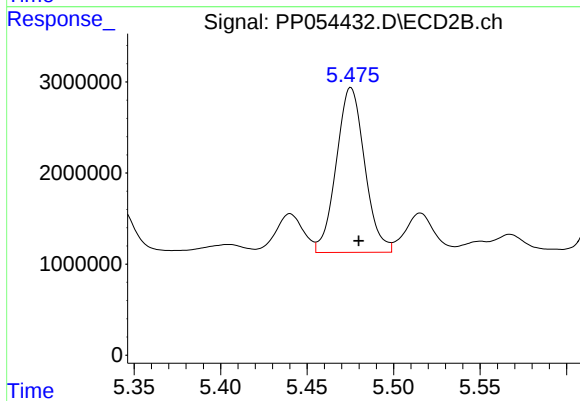
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.005 min
Response: 20035512
Conc: 574.34 ng/ml



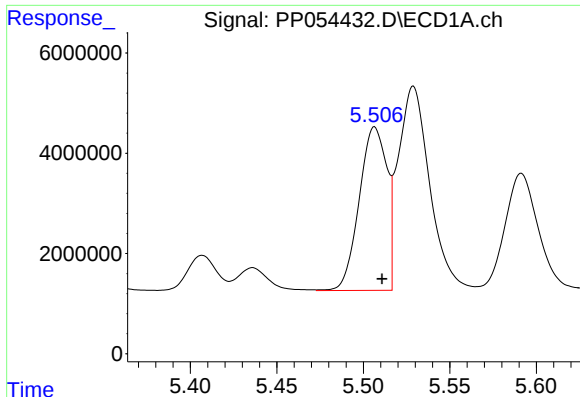
#20 AR-1242-5

R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 5229827
Conc: 159.33 ng/ml



#20 AR-1242-5

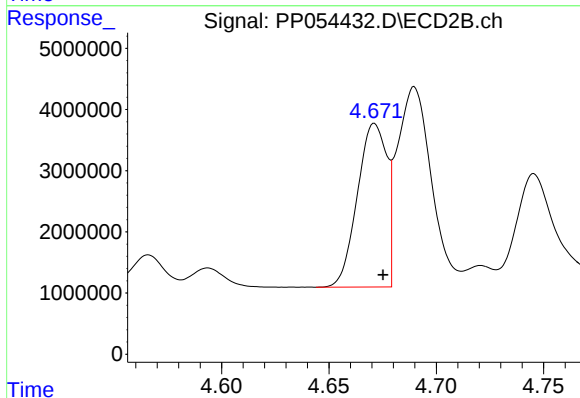
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 20629664
Conc: 548.31 ng/ml



#21 AR-1248-1

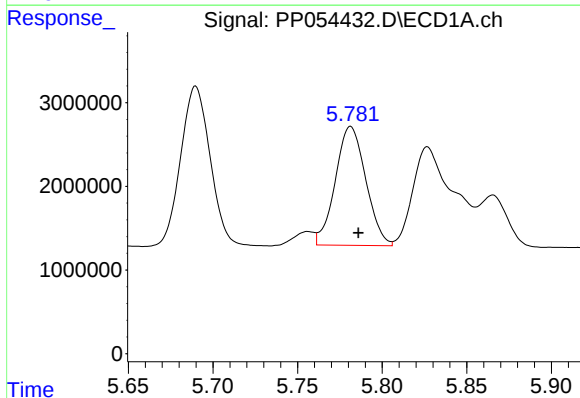
R.T.: 5.507 min
Delta R.T.: -0.004 min
Response: 36325053
Conc: 809.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



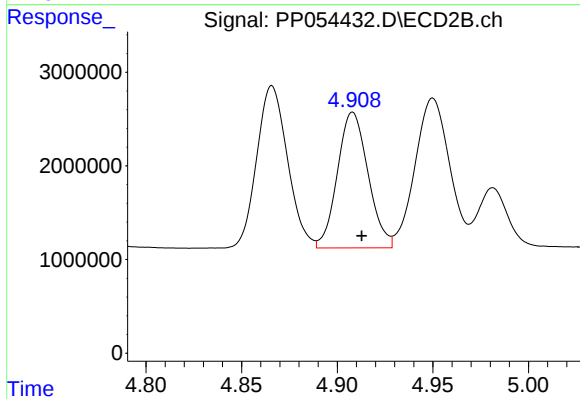
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 25478844
Conc: 783.28 ng/ml



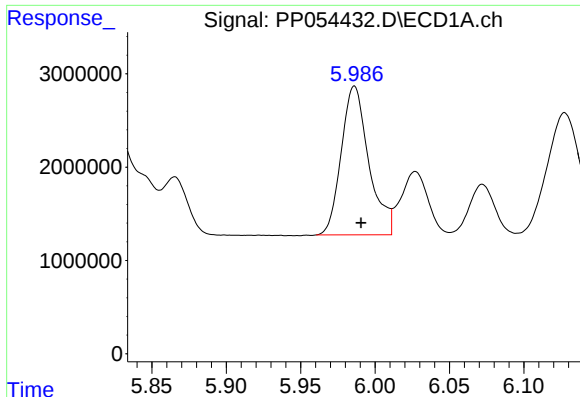
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 17815727
Conc: 280.40 ng/ml



#22 AR-1248-2

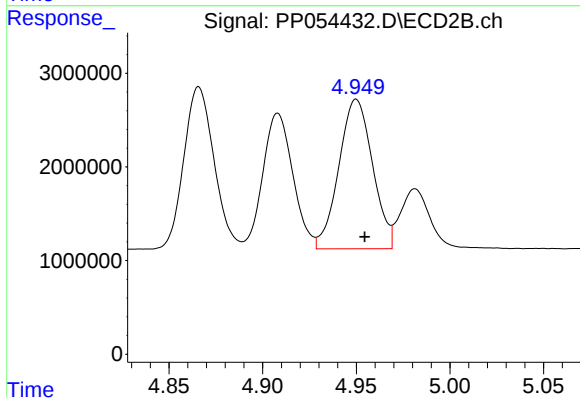
R.T.: 4.908 min
Delta R.T.: -0.005 min
Response: 16174268
Conc: 327.52 ng/ml



#23 AR-1248-3

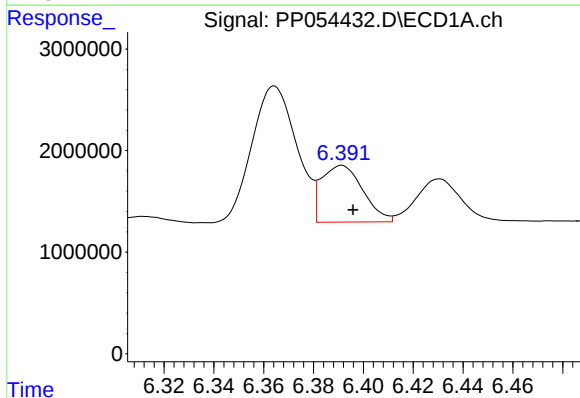
R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 20562065
Conc: 346.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



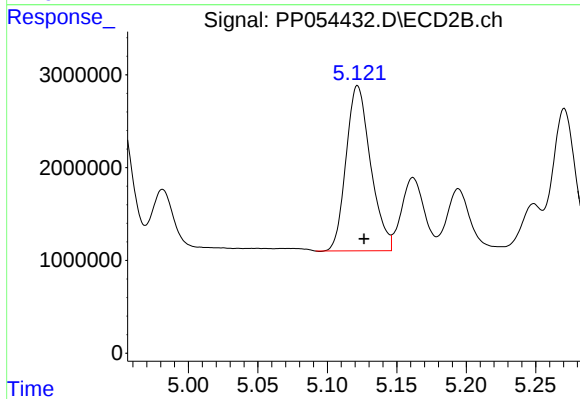
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.004 min
Response: 20035512
Conc: 388.25 ng/ml



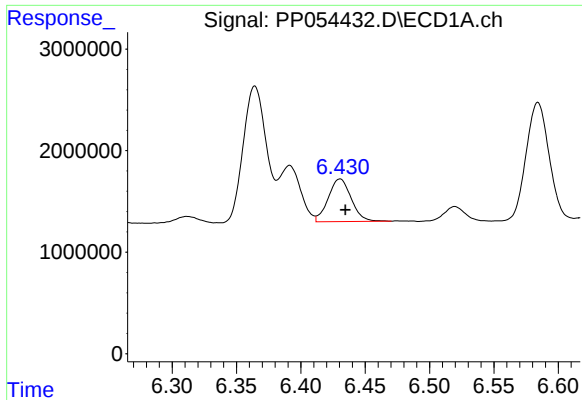
#24 AR-1248-4

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 6430787
Conc: 111.01 ng/ml



#24 AR-1248-4

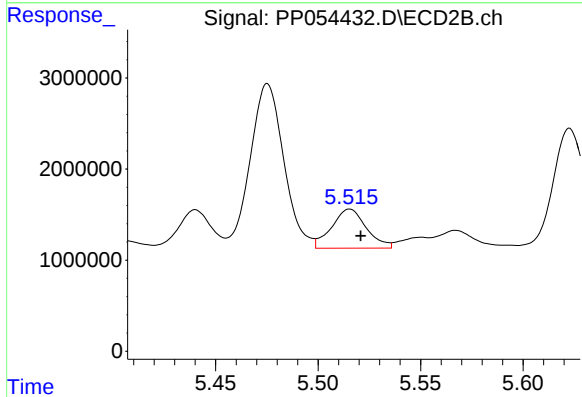
R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 21860230
Conc: 370.41 ng/ml



#25 AR-1248-5

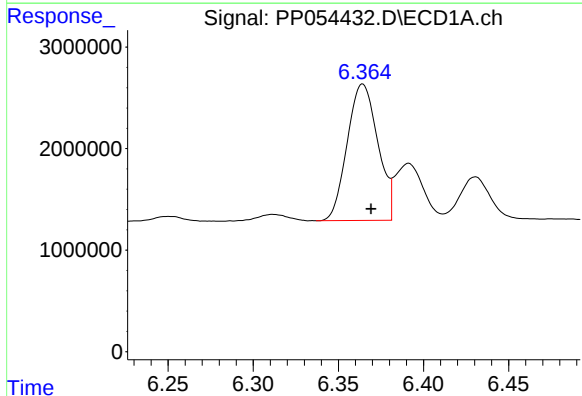
R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 5229827
Conc: 94.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



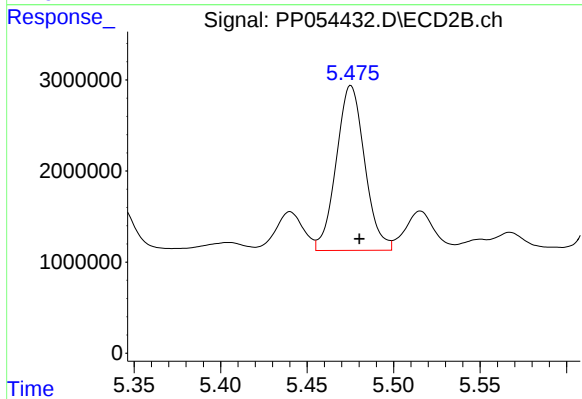
#25 AR-1248-5

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 5054043
Conc: 101.91 ng/ml



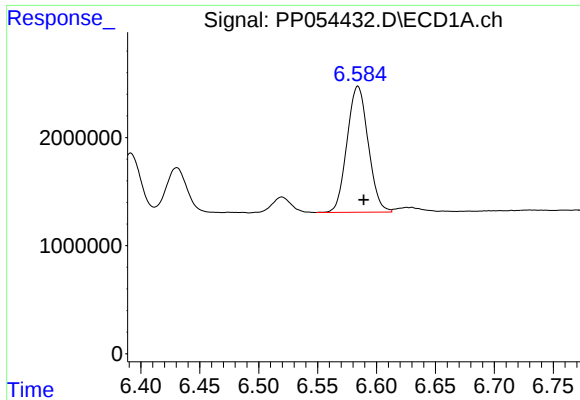
#26 AR-1254-1

R.T.: 6.364 min
Delta R.T.: -0.005 min
Response: 16790855
Conc: 270.23 ng/ml



#26 AR-1254-1

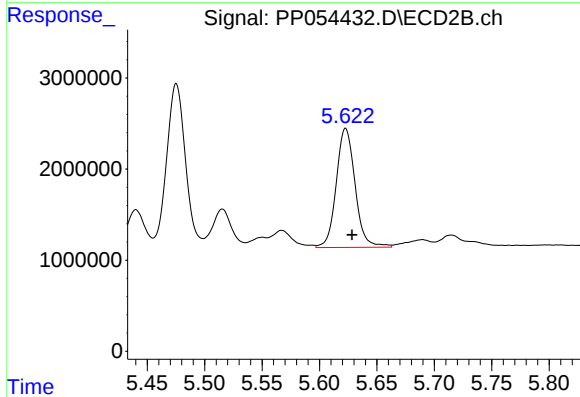
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 20629664
Conc: 240.56 ng/ml



#27 AR-1254-2

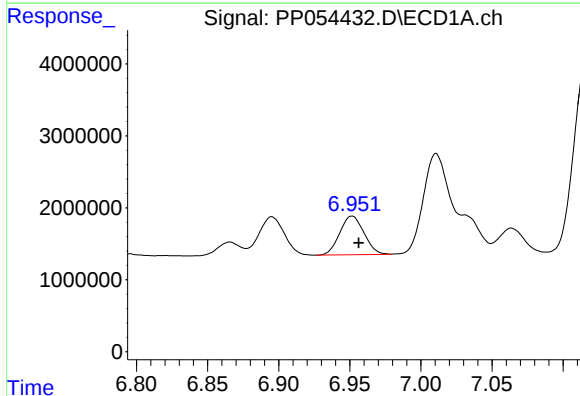
R.T.: 6.584 min
Delta R.T.: -0.005 min
Response: 14579003
Conc: 155.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



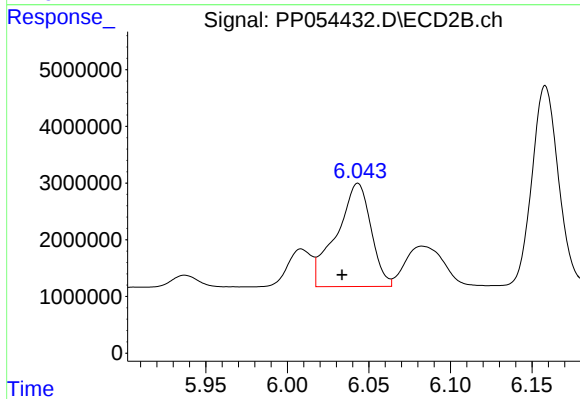
#27 AR-1254-2

R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 14982144
Conc: 201.67 ng/ml



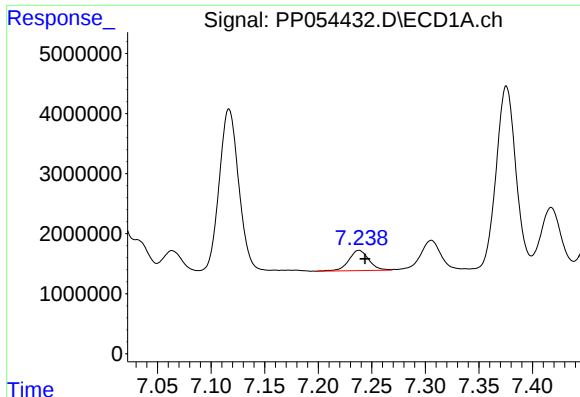
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.005 min
Response: 6399669
Conc: 67.42 ng/ml



#28 AR-1254-3

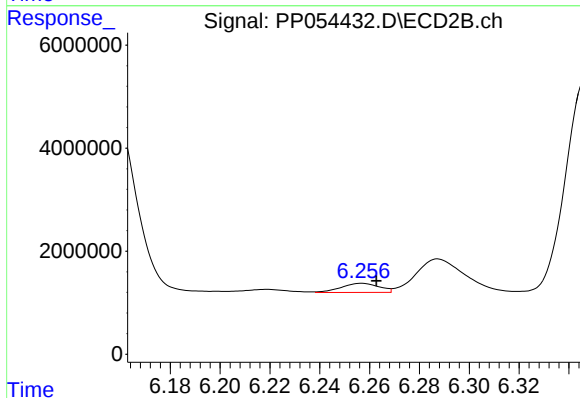
R.T.: 6.043 min
Delta R.T.: 0.010 min
Response: 26758799
Conc: 230.54 ng/ml



#29 AR-1254-4

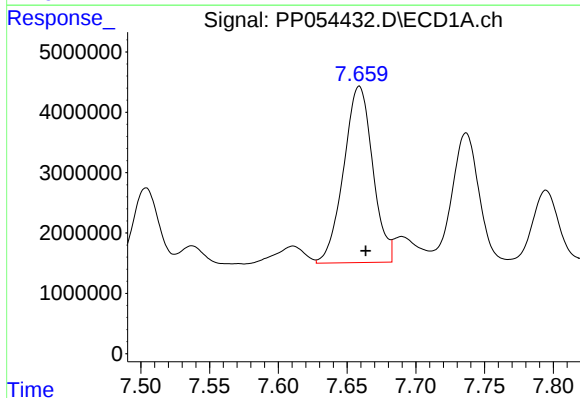
R.T.: 7.238 min
Delta R.T.: -0.006 min
Response: 4381798
Conc: 64.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



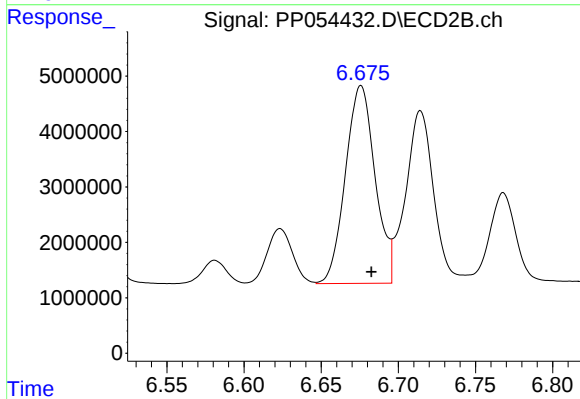
#29 AR-1254-4

R.T.: 6.257 min
Delta R.T.: -0.006 min
Response: 1870058
Conc: 29.71 ng/ml



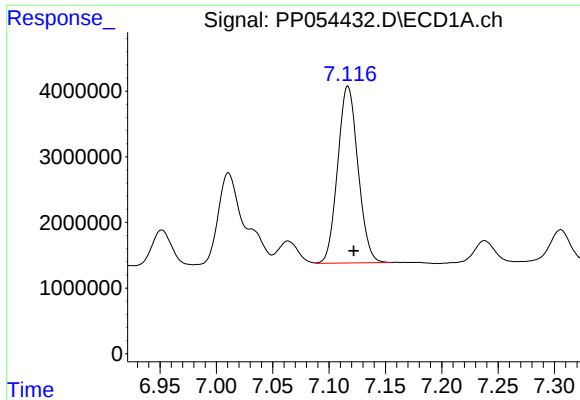
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.005 min
Response: 42960815
Conc: 565.14 ng/ml



#30 AR-1254-5

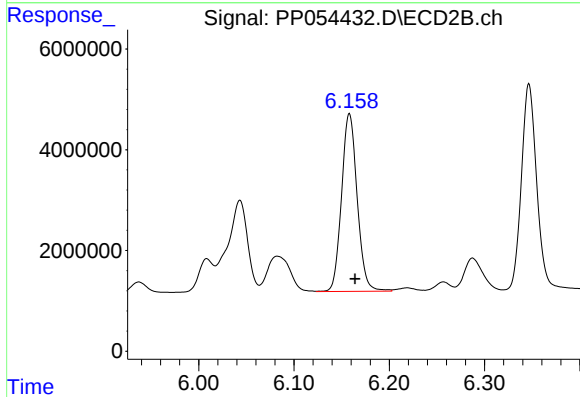
R.T.: 6.676 min
Delta R.T.: -0.007 min
Response: 47866829
Conc: 500.61 ng/ml



#31 AR-1260-1

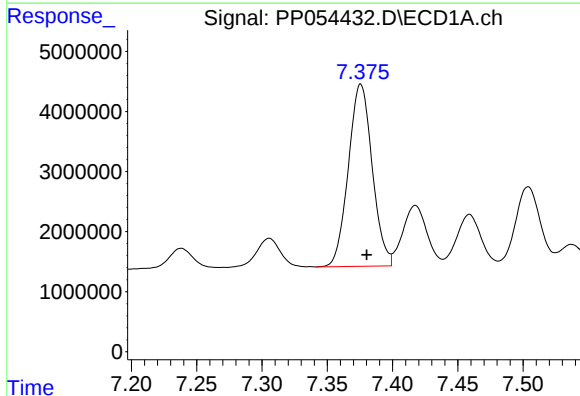
R.T.: 7.117 min
Delta R.T.: -0.005 min
Response: 33846484
Conc: 434.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



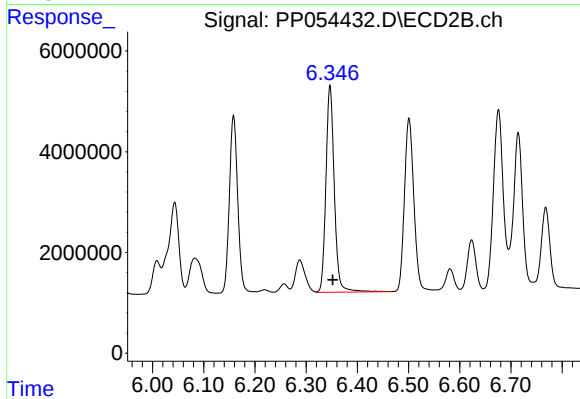
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: -0.006 min
Response: 40171015
Conc: 474.21 ng/ml



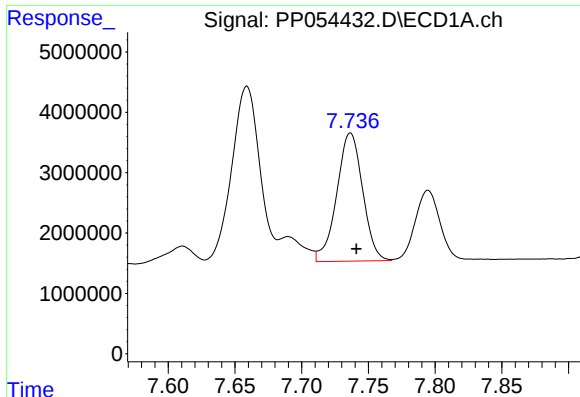
#32 AR-1260-2

R.T.: 7.376 min
Delta R.T.: -0.005 min
Response: 38591632
Conc: 430.86 ng/ml



#32 AR-1260-2

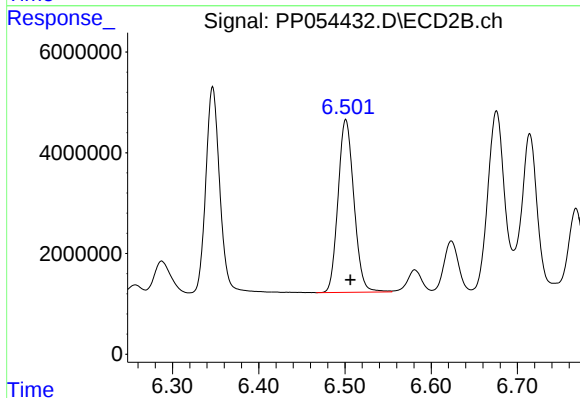
R.T.: 6.347 min
Delta R.T.: -0.006 min
Response: 46725151
Conc: 488.55 ng/ml



#33 AR-1260-3

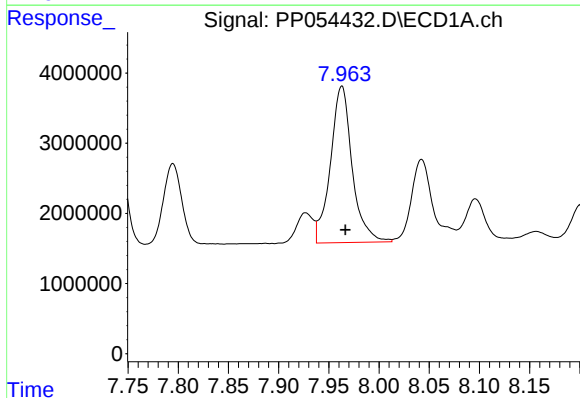
R.T.: 7.737 min
Delta R.T.: -0.004 min
Response: 28697018
Conc: 419.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



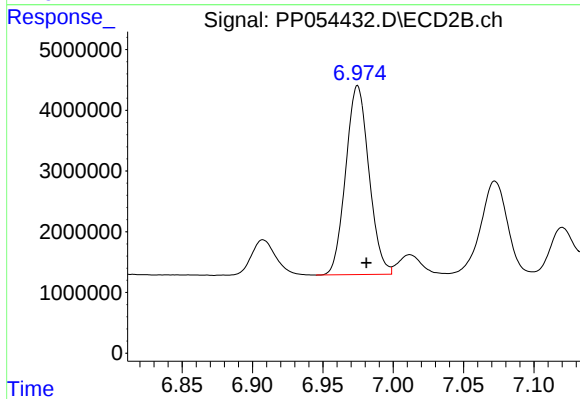
#33 AR-1260-3

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 43815261
Conc: 479.35 ng/ml



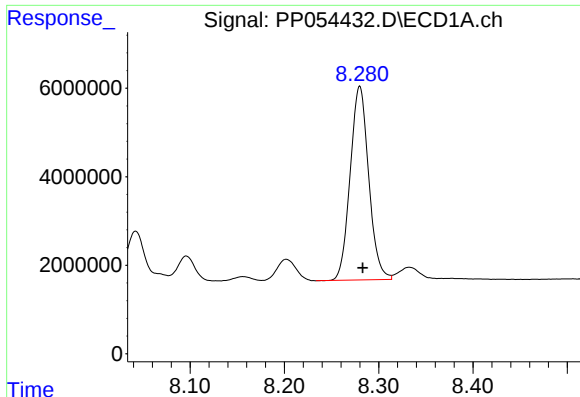
#34 AR-1260-4

R.T.: 7.963 min
Delta R.T.: -0.004 min
Response: 33595582
Conc: 421.68 ng/ml



#34 AR-1260-4

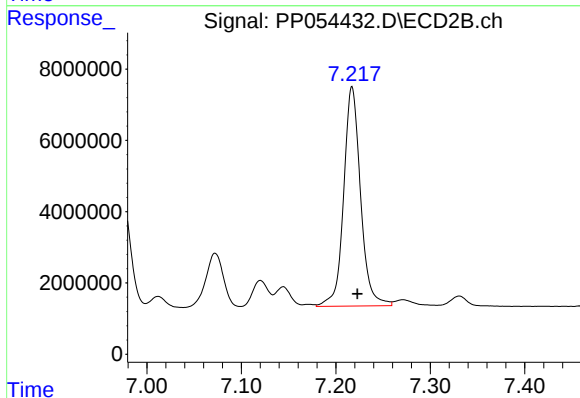
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 35839704
Conc: 472.79 ng/ml



#35 AR-1260-5

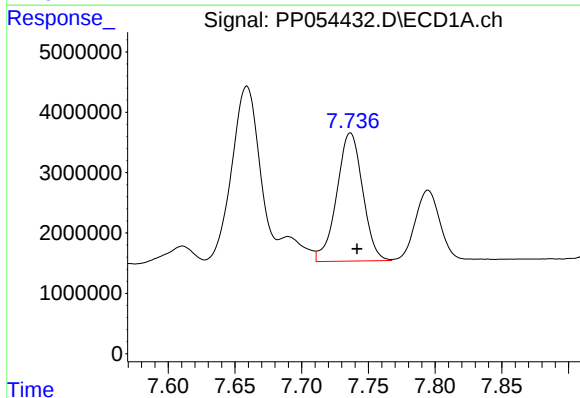
R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 59846850
Conc: 417.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



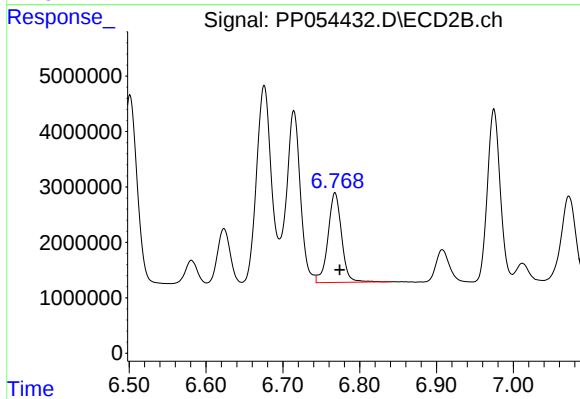
#35 AR-1260-5

R.T.: 7.217 min
Delta R.T.: -0.005 min
Response: 76477467
Conc: 482.79 ng/ml



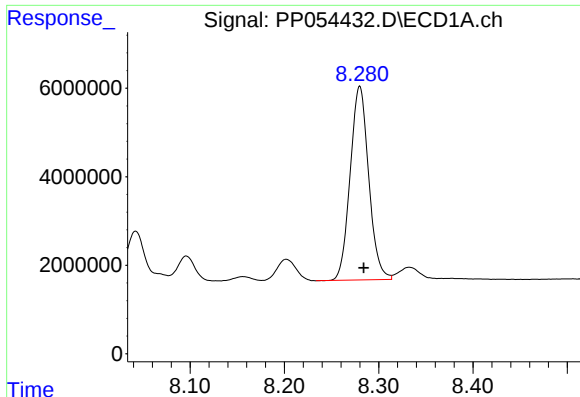
#36 AR-1262-1

R.T.: 7.737 min
Delta R.T.: -0.005 min
Response: 28697018
Conc: 341.13 ng/ml



#36 AR-1262-1

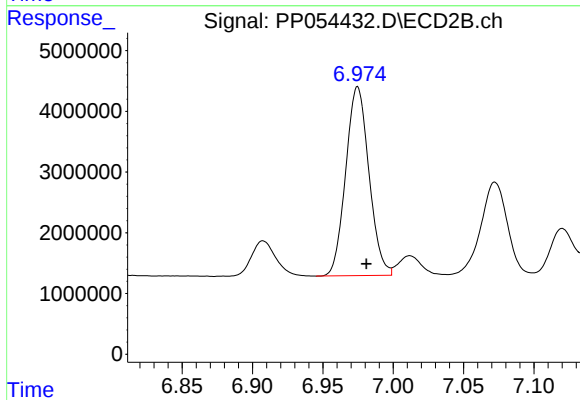
R.T.: 6.768 min
Delta R.T.: -0.006 min
Response: 19891594
Conc: 487.21 ng/ml



#37 AR-1262-2

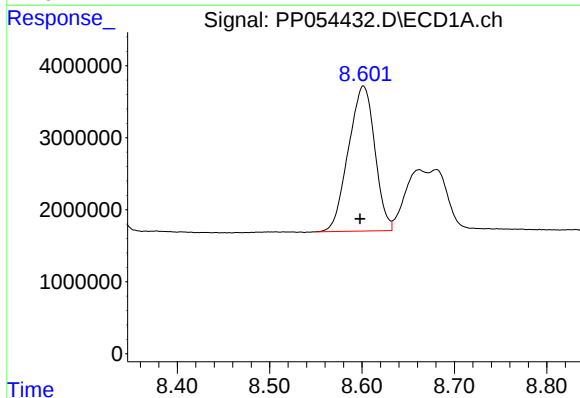
R.T.: 8.280 min
Delta R.T.: -0.004 min
Response: 59846850
Conc: 422.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



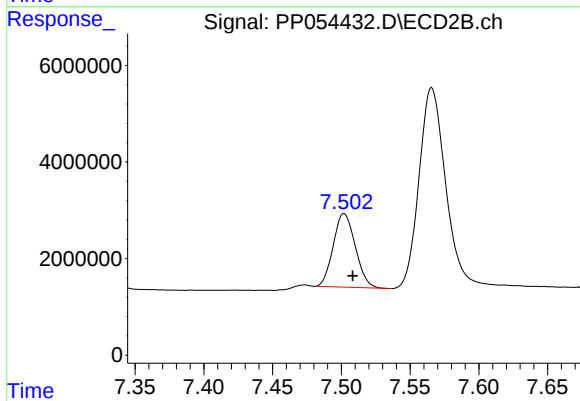
#37 AR-1262-2

R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 35839704
Conc: 413.95 ng/ml



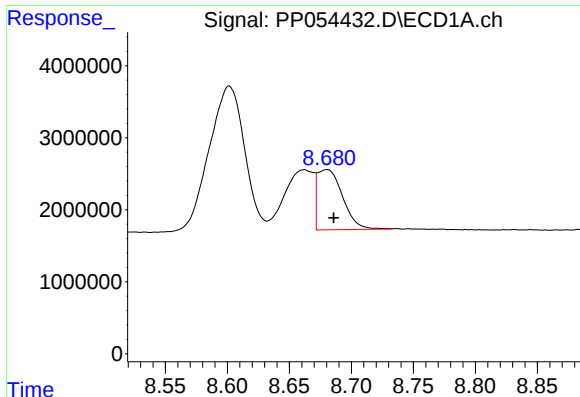
#38 AR-1262-3

R.T.: 8.601 min
Delta R.T.: 0.004 min
Response: 40022840
Conc: 386.50 ng/ml



#38 AR-1262-3

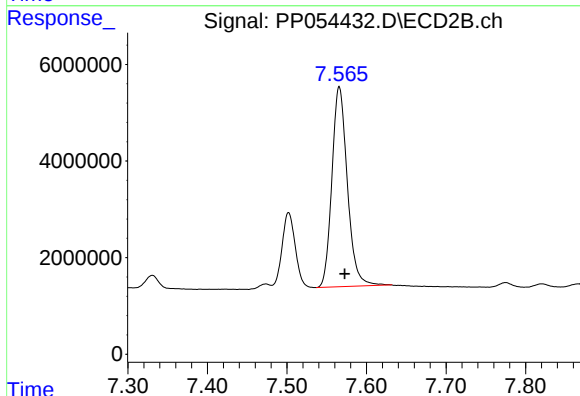
R.T.: 7.502 min
Delta R.T.: -0.006 min
Response: 17007456
Conc: 254.76 ng/ml



#39 AR-1262-4

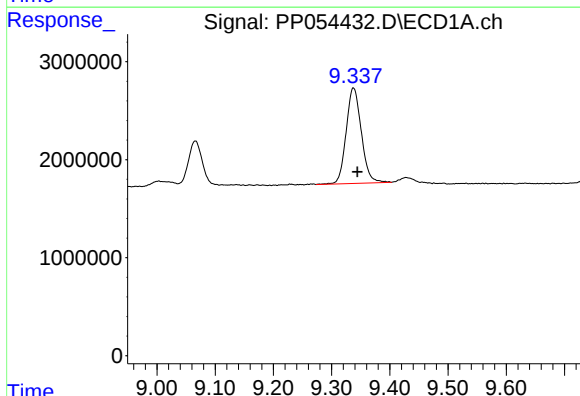
R.T.: 8.680 min
Delta R.T.: -0.006 min
Response: 11814422
Conc: 233.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



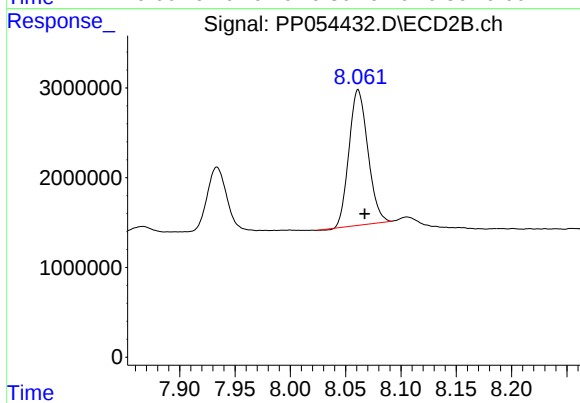
#39 AR-1262-4

R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 5589552
Conc: 477.65 ng/ml



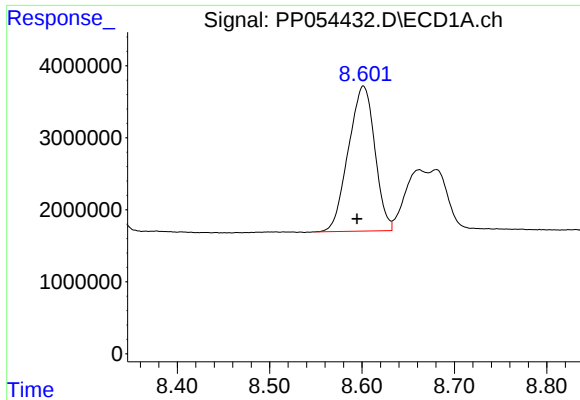
#40 AR-1262-5

R.T.: 9.338 min
Delta R.T.: -0.007 min
Response: 17715928
Conc: 315.36 ng/ml



#40 AR-1262-5

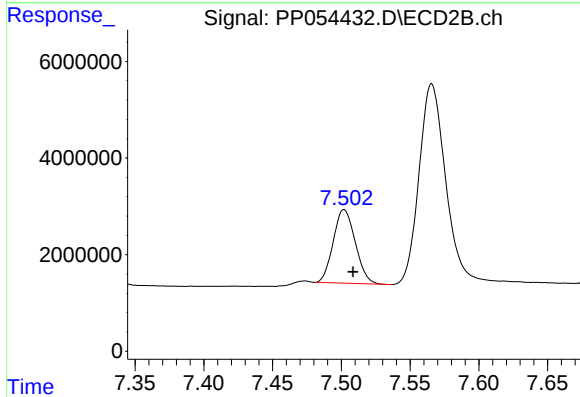
R.T.: 8.061 min
Delta R.T.: -0.006 min
Response: 17919100
Conc: 325.28 ng/ml



#41 AR-1268-1

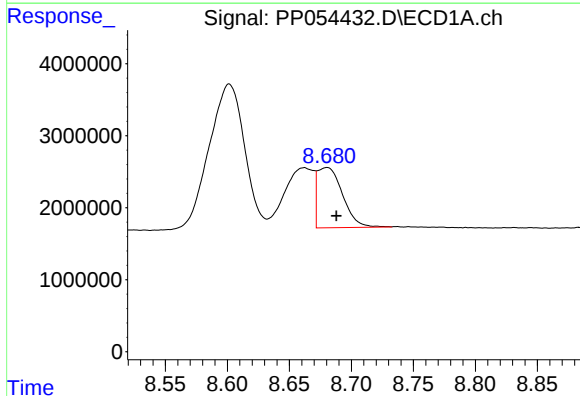
R.T.: 8.601 min
Delta R.T.: 0.007 min
Response: 40022840
Conc: 205.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



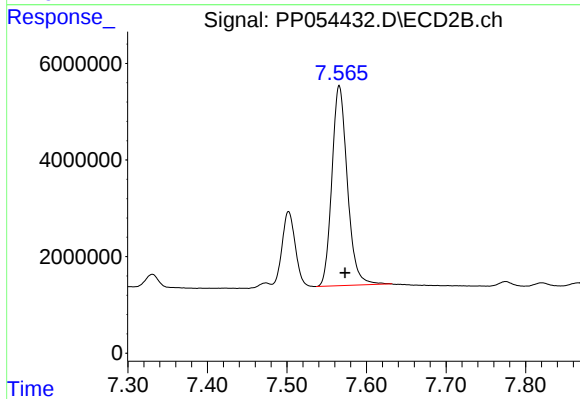
#41 AR-1268-1

R.T.: 7.502 min
Delta R.T.: -0.007 min
Response: 17007456
Conc: 83.75 ng/ml



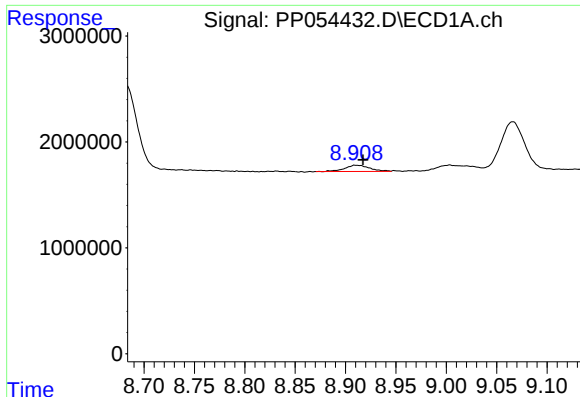
#42 AR-1268-2

R.T.: 8.680 min
Delta R.T.: -0.008 min
Response: 11814422
Conc: 66.95 ng/ml



#42 AR-1268-2

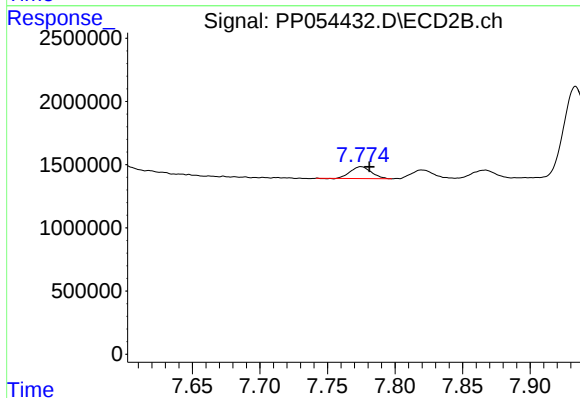
R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 55895552
Conc: 303.41 ng/ml



#43 AR-1268-3

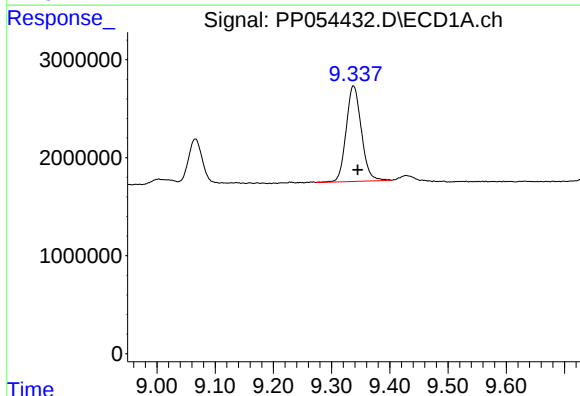
R.T.: 8.910 min
Delta R.T.: -0.008 min
Response: 1012133
Conc: 6.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



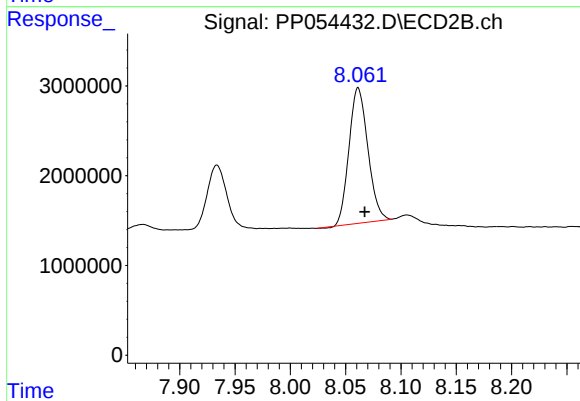
#43 AR-1268-3

R.T.: 7.775 min
Delta R.T.: -0.006 min
Response: 1002764
Conc: 5.87 ng/ml



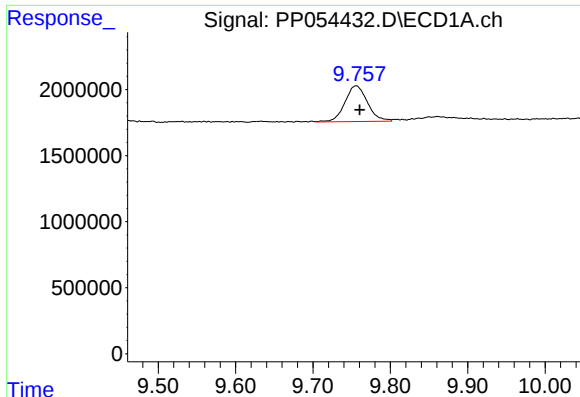
#44 AR-1268-4

R.T.: 9.338 min
Delta R.T.: -0.008 min
Response: 17715928
Conc: 258.92 ng/ml



#44 AR-1268-4

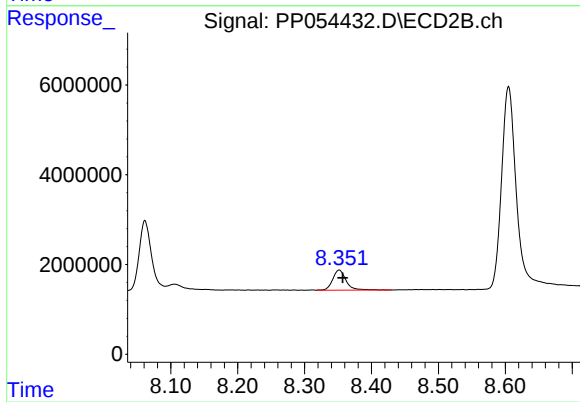
R.T.: 8.061 min
Delta R.T.: -0.006 min
Response: 17919100
Conc: 283.61 ng/ml



#45 AR-1268-5

R.T.: 9.756 min
Delta R.T.: -0.005 min
Response: 5458785
Conc: 10.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.005 min
Response: 6230364
Conc: 12.73 ng/ml