

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041423\
 Data File : PP056934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2023 18:57
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 22:11:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.435	3.660	114.6E6	79746058	53.350	45.852
2)	SA Decachlor...	10.275	8.742	72349067	71086190	55.275	45.212
Target Compounds							
3)	L1 AR-1016-1	5.610	4.760	19800303	15419243	322.488	289.506
4)	L1 AR-1016-2	5.633	4.780	24799113	15808785	278.094	213.191
5)	L1 AR-1016-3	5.696	4.960	12598995	11162521	222.228	277.376
6)	L1 AR-1016-4	5.794	5.000	13921292	24556998	310.884	677.707 #
7)	L1 AR-1016-5	6.092	5.217	34261921	29739905	730.732	633.293
8)	L2 AR-1221-1	4.638	3.873	419420	167908	15.901	7.667 #
9)	L2 AR-1221-2	4.742	3.965	1820987	1291075	93.739	78.581
10)	L2 AR-1221-3	4.806	4.041	2085710	1461953	36.608	29.815
11)	L3 AR-1232-1	4.806	4.041	2085710	1461953	43.304	35.537
12)	L3 AR-1232-2	5.341	4.780	10772180	15808785	431.237	461.268
13)	L3 AR-1232-3	5.633	4.960	24799113	11162521	615.093	606.636
14)	L3 AR-1232-4	5.794	5.043	13921292	25643876	690.919	1338.203 #
15)	L3 AR-1232-5	5.886	5.217	31799469	29739905	1809.190	1399.104
16)	L4 AR-1242-1	5.610	4.760	19800303	15419243	393.741	358.499
17)	L4 AR-1242-2	5.633	4.780	24799113	15808785	340.551	265.683
18)	L4 AR-1242-3	5.696	4.960	12598995	11162521	274.975	345.985 #
19)	L4 AR-1242-4	5.794	5.043	13921292	25643876	385.814	703.817 #
20)	L4 AR-1242-5	6.536	5.572	30107645	36699225	907.028	920.423
21)	L5 AR-1248-1	5.610	4.760	19800303	15419243	527.738	468.420
22)	L5 AR-1248-2	5.886	5.000	31799469	24556998	539.942	476.442
23)	L5 AR-1248-3	6.092	5.043	34261921	25643876	537.762	477.704
24)	L5 AR-1248-4	6.498	5.217	30545876	29739905	525.975	480.644
25)	L5 AR-1248-5	6.536	5.614	30107645	24350125	533.005	474.256
26)	L6 AR-1254-1	6.470	5.572	25694615	36699225	362.377	398.395
27)	L6 AR-1254-2	6.694	5.721	32403526	13205247	319.531	164.307 #
28)	L6 AR-1254-3	7.060	6.130	17735703	18528998	182.971	149.891
29)	L6 AR-1254-4	7.347	6.360	10053559	11230578	164.718	176.701
30)	L6 AR-1254-5	7.769	6.782	2778360	4607650	40.773	43.826
31)	L7 AR-1260-1	7.226	6.277	2167646	9401730	26.629	98.299 #
32)	L7 AR-1260-2	7.483	6.450	2543110	1751313	29.808	16.957 #
33)	L7 AR-1260-3	7.832	6.606	951806	2444120	13.629	23.568 #
34)	L7 AR-1260-4	8.059f	7.082	1650425	336362	21.631	3.938 #
35)	L7 AR-1260-5	8.400	7.326	837355	304199	6.616	1.922 #
36)	L8 AR-1262-1	7.832	6.895f	951806	46165	10.806	0.987 #
37)	L8 AR-1262-2	8.400	7.082	837355	336362	6.467	3.439 #
38)	L8 AR-1262-3	8.732	7.613	226772	109222	2.462	1.645 #
39)	L8 AR-1262-4	8.799	7.674	313386	502955	6.902	4.267 #
40)	L8 AR-1262-5	9.498	8.175	83628	82839	2.082	1.700
41)	L9 AR-1268-1	8.732f	7.613	226772	109222	1.218	0.493 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041423\
 Data File : PP056934.D
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 Acq On : 14 Apr 2023 18:57
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

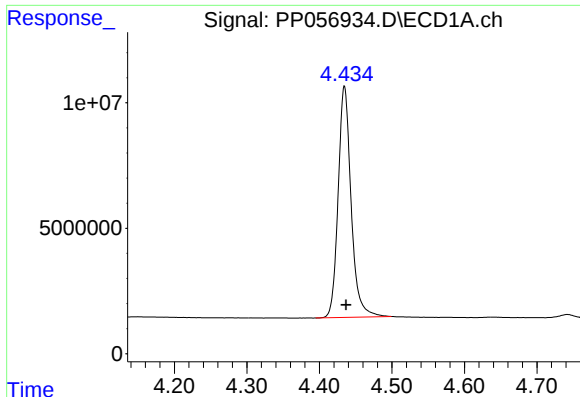
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 22:11:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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
42) L9	AR-1268-2	8.799	7.674	313386	502955	1.888	2.590 #
43) L9	AR-1268-3	9.059	7.888	194459	158613	1.222	0.800 #
44) L9	AR-1268-4	9.498	8.175	83628	82839	1.801	1.432
45) L9	AR-1268-5	9.921	8.475	459788	346270	1.071	0.682 #

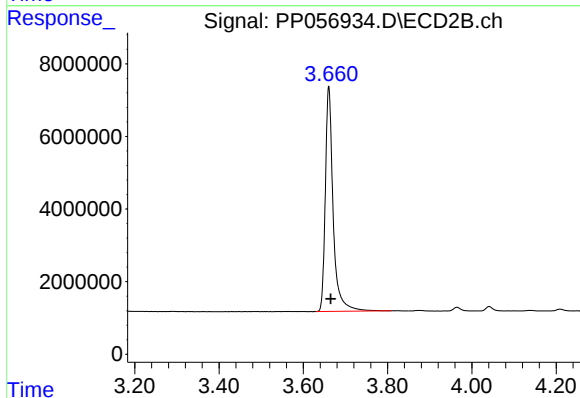
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

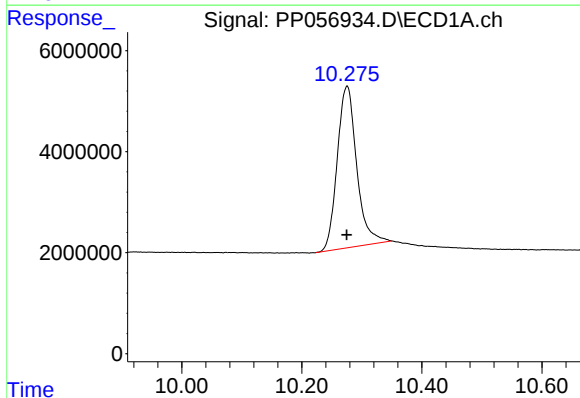
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 114623773
Conc: 53.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



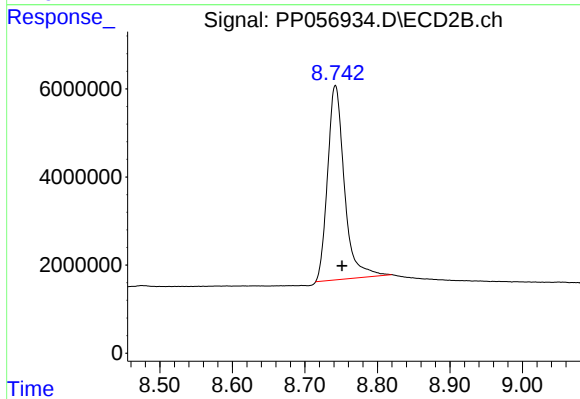
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 79746058
Conc: 45.85 ng/ml



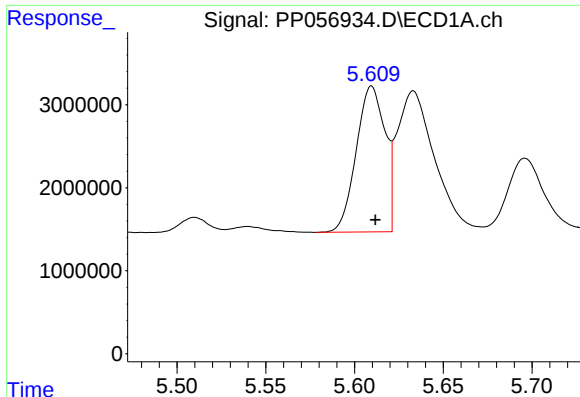
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 72349067
Conc: 55.27 ng/ml



#2 Decachlorobiphenyl

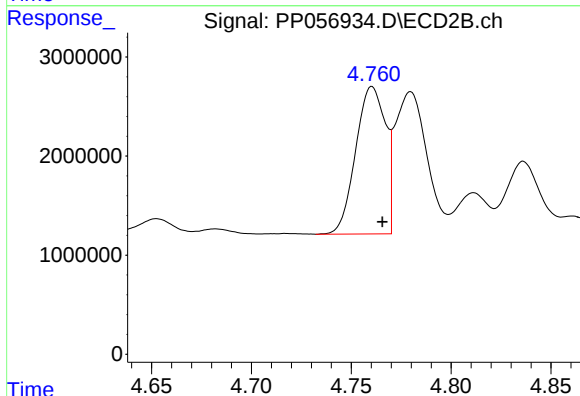
R.T.: 8.742 min
Delta R.T.: -0.009 min
Response: 71086190
Conc: 45.21 ng/ml



#3 AR-1016-1

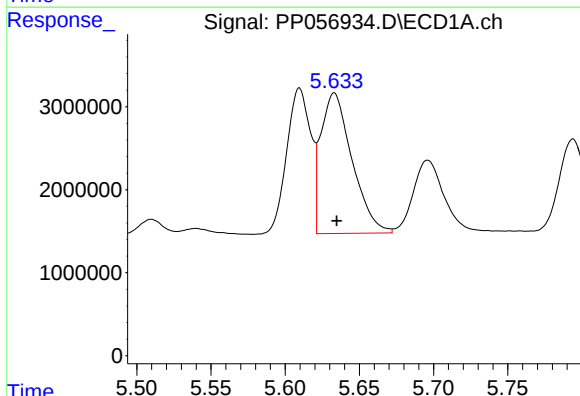
R.T.: 5.610 min
Delta R.T.: -0.002 min
Response: 19800303
Conc: 322.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



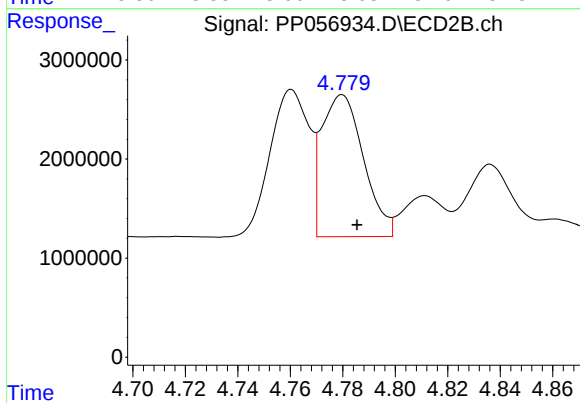
#3 AR-1016-1

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 15419243
Conc: 289.51 ng/ml



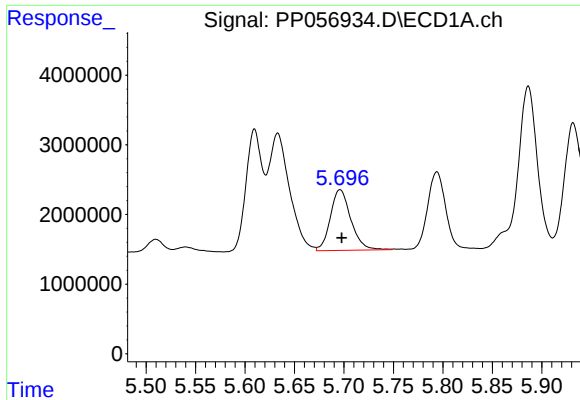
#4 AR-1016-2

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 24799113
Conc: 278.09 ng/ml



#4 AR-1016-2

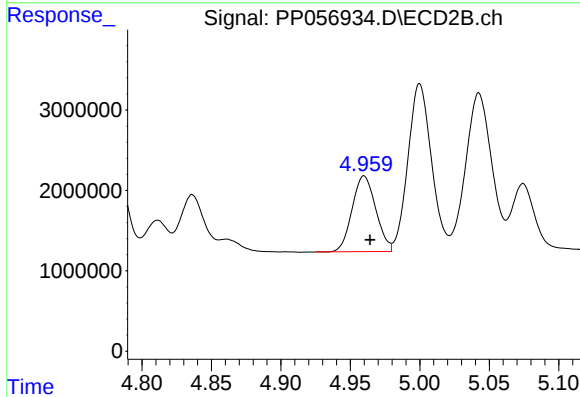
R.T.: 4.780 min
Delta R.T.: -0.006 min
Response: 15808785
Conc: 213.19 ng/ml



#5 AR-1016-3

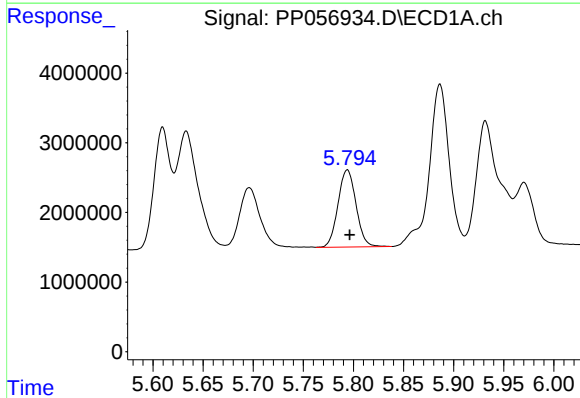
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 12598995
Conc: 222.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



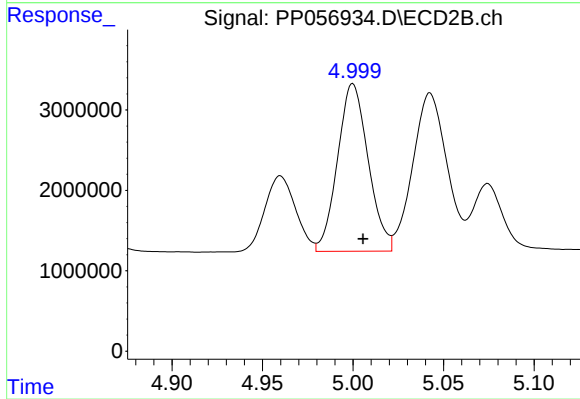
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 11162521
Conc: 277.38 ng/ml



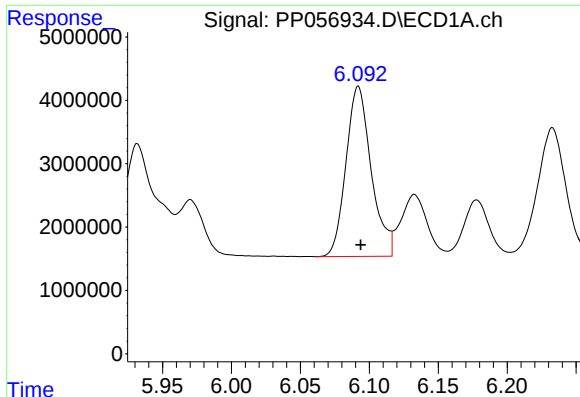
#6 AR-1016-4

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 13921292
Conc: 310.88 ng/ml



#6 AR-1016-4

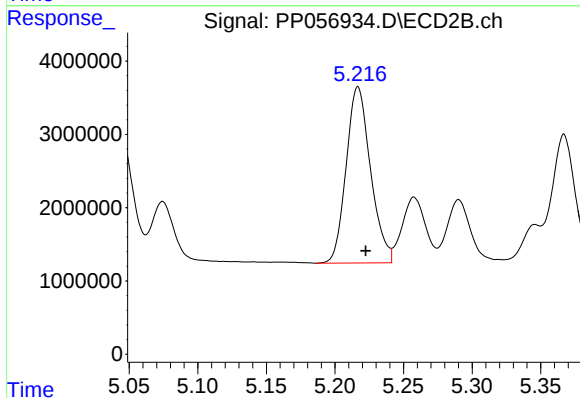
R.T.: 5.000 min
Delta R.T.: -0.006 min
Response: 24556998
Conc: 677.71 ng/ml



#7 AR-1016-5

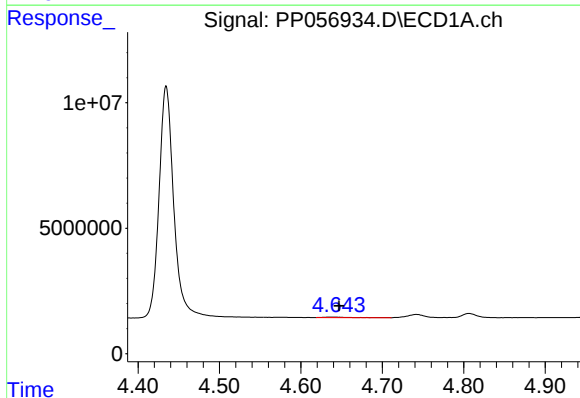
R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 34261921
Conc: 730.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



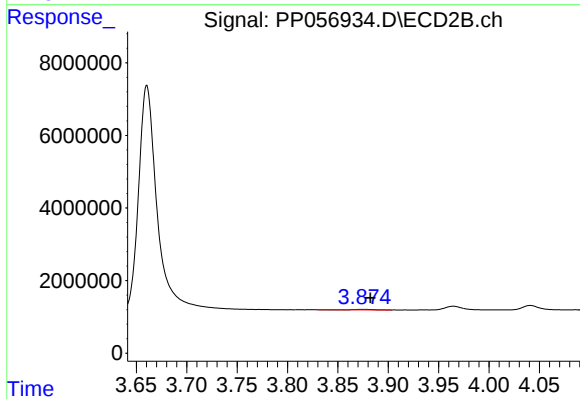
#7 AR-1016-5

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 29739905
Conc: 633.29 ng/ml



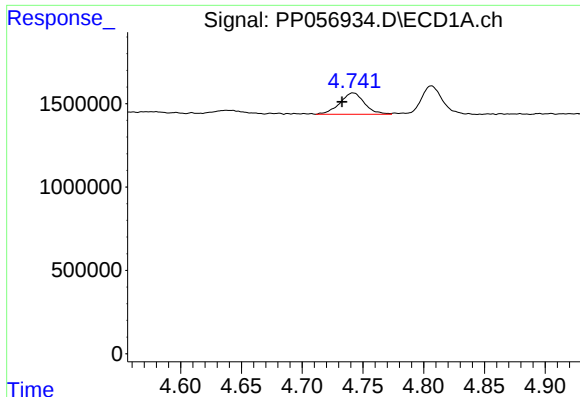
#8 AR-1221-1

R.T.: 4.638 min
Delta R.T.: -0.008 min
Response: 419420
Conc: 15.90 ng/ml



#8 AR-1221-1

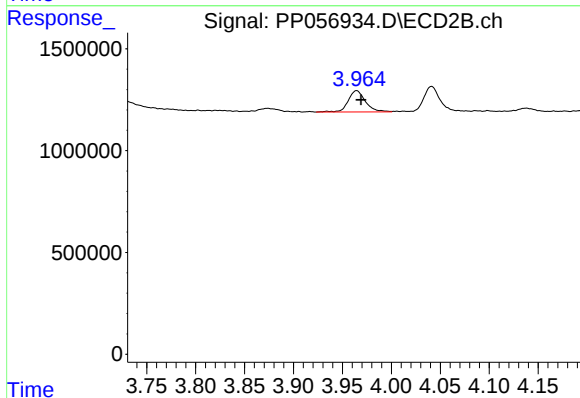
R.T.: 3.873 min
Delta R.T.: -0.009 min
Response: 167908
Conc: 7.67 ng/ml



#9 AR-1221-2

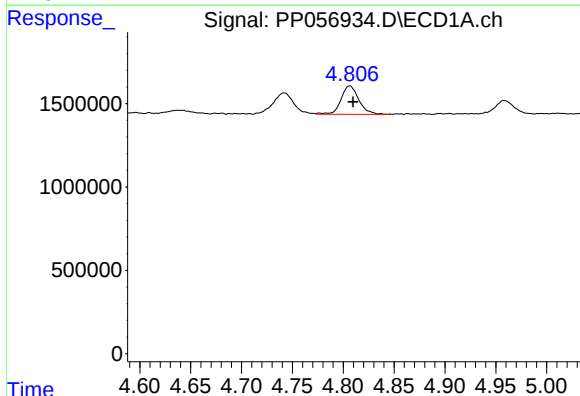
R.T.: 4.742 min
Delta R.T.: 0.009 min
Response: 1820987
Conc: 93.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



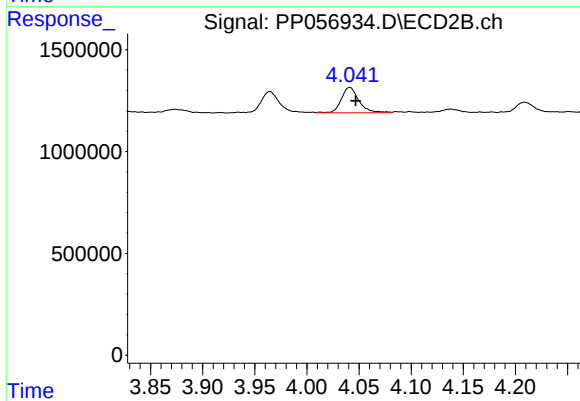
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.005 min
Response: 1291075
Conc: 78.58 ng/ml



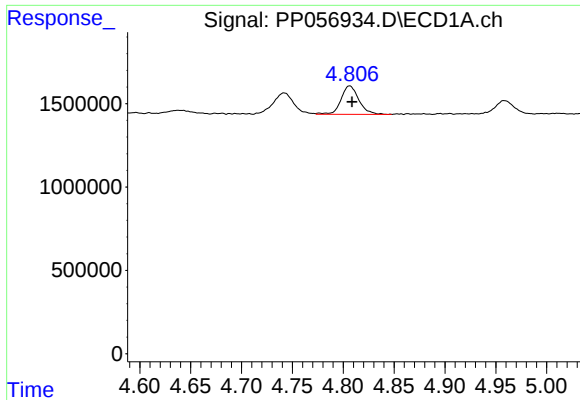
#10 AR-1221-3

R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 2085710
Conc: 36.61 ng/ml



#10 AR-1221-3

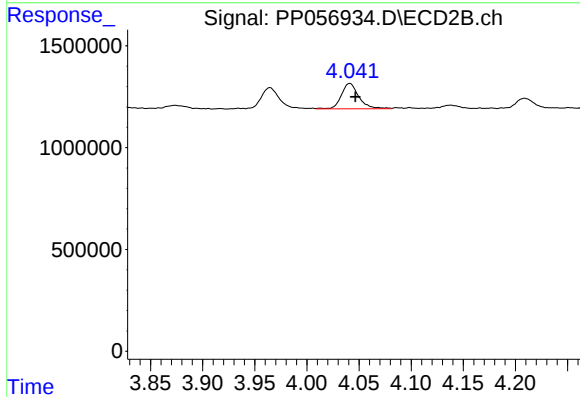
R.T.: 4.041 min
Delta R.T.: -0.006 min
Response: 1461953
Conc: 29.81 ng/ml



#11 AR-1232-1

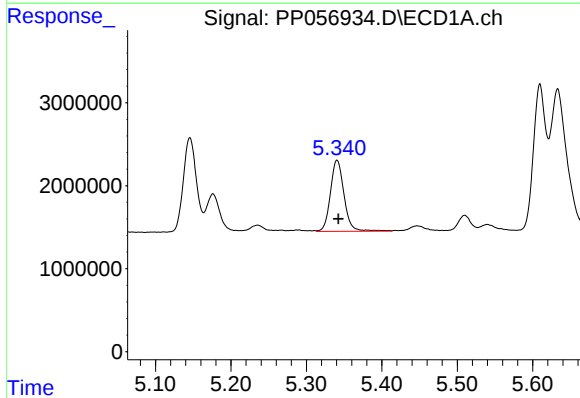
R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 2085710
Conc: 43.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



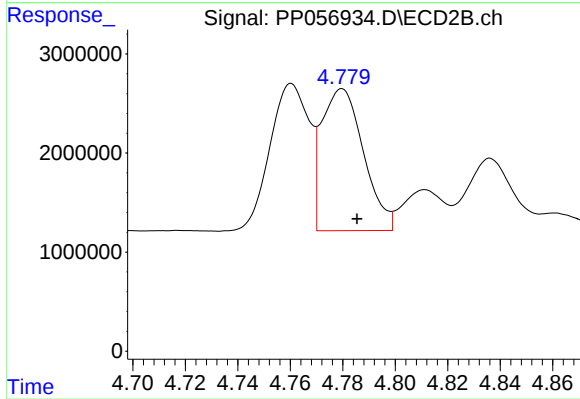
#11 AR-1232-1

R.T.: 4.041 min
Delta R.T.: -0.005 min
Response: 1461953
Conc: 35.54 ng/ml



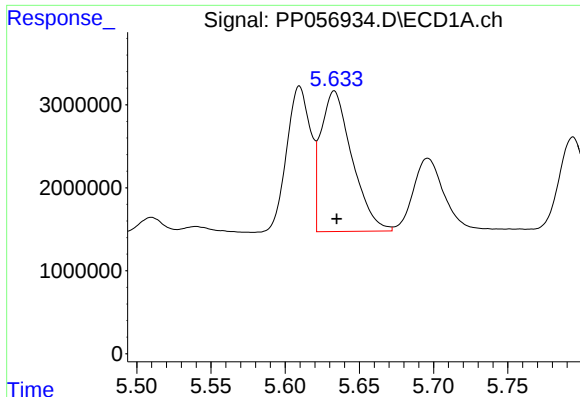
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: -0.002 min
Response: 10772180
Conc: 431.24 ng/ml



#12 AR-1232-2

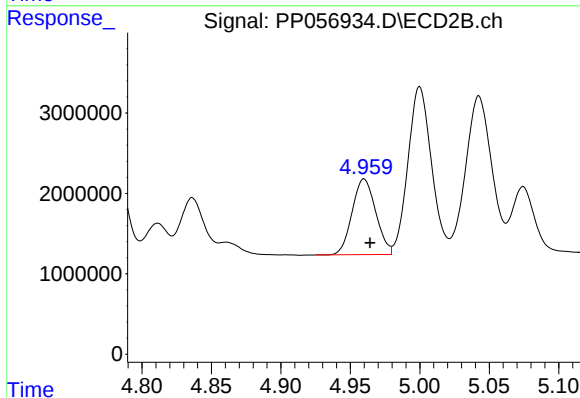
R.T.: 4.780 min
Delta R.T.: -0.006 min
Response: 15808785
Conc: 461.27 ng/ml



#13 AR-1232-3

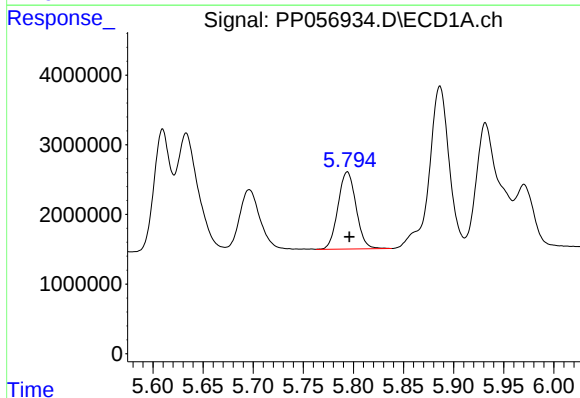
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 24799113
Conc: 615.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



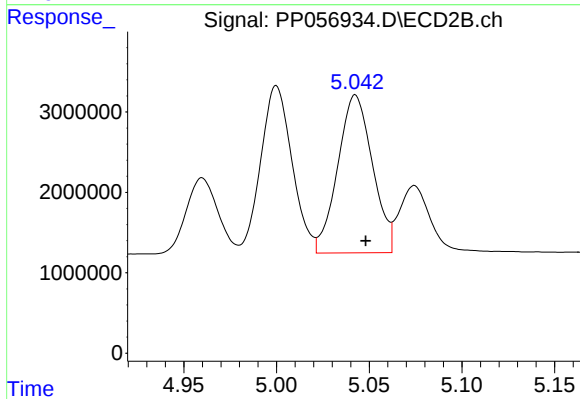
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 11162521
Conc: 606.64 ng/ml



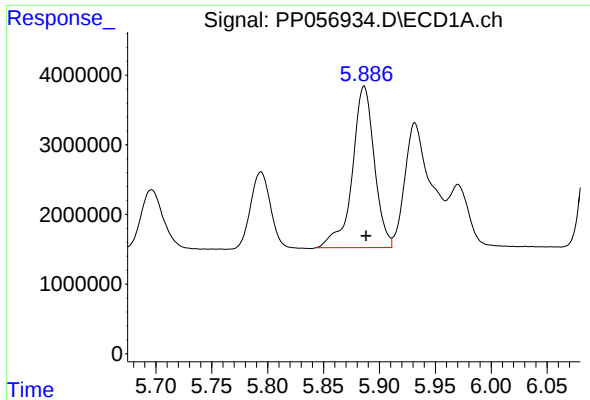
#14 AR-1232-4

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 13921292
Conc: 690.92 ng/ml



#14 AR-1232-4

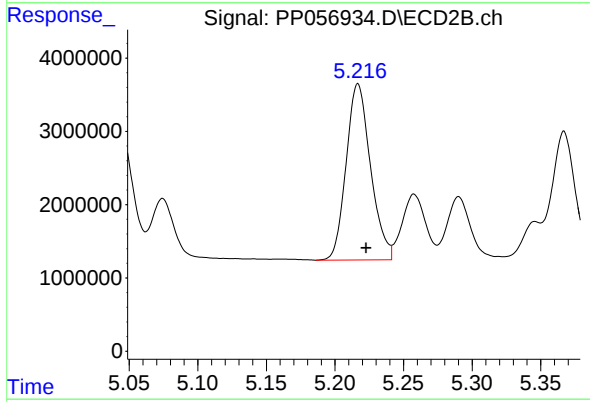
R.T.: 5.043 min
Delta R.T.: -0.006 min
Response: 25643876
Conc: 1338.20 ng/ml



#15 AR-1232-5

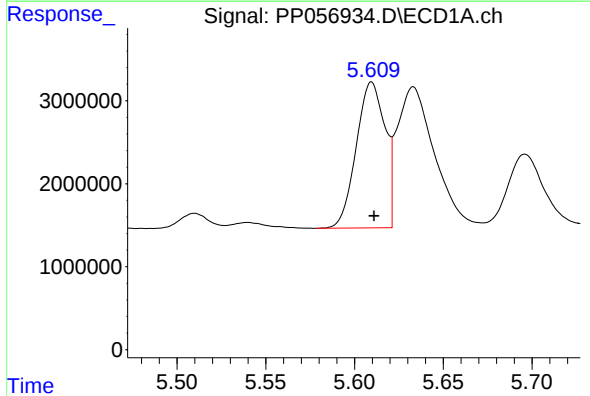
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 31799469
Conc: 1809.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



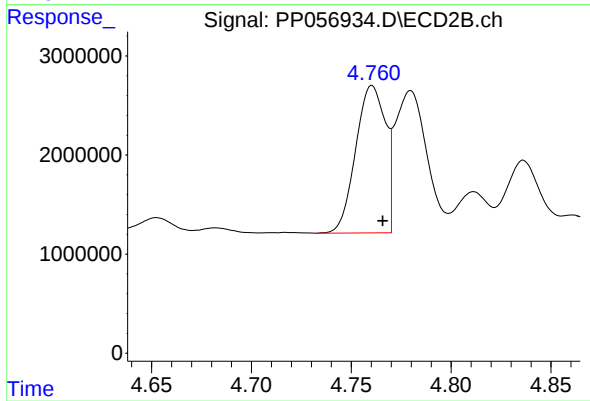
#15 AR-1232-5

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 29739905
Conc: 1399.10 ng/ml



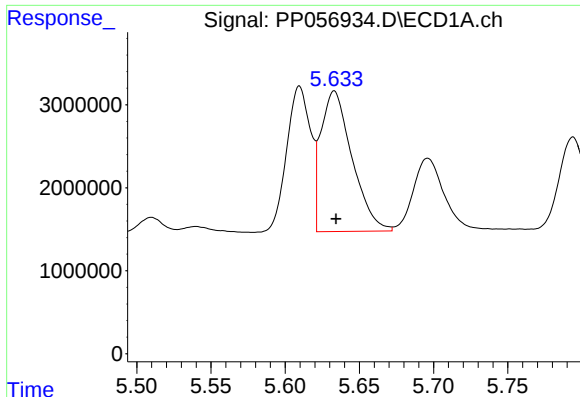
#16 AR-1242-1

R.T.: 5.610 min
Delta R.T.: -0.001 min
Response: 19800303
Conc: 393.74 ng/ml



#16 AR-1242-1

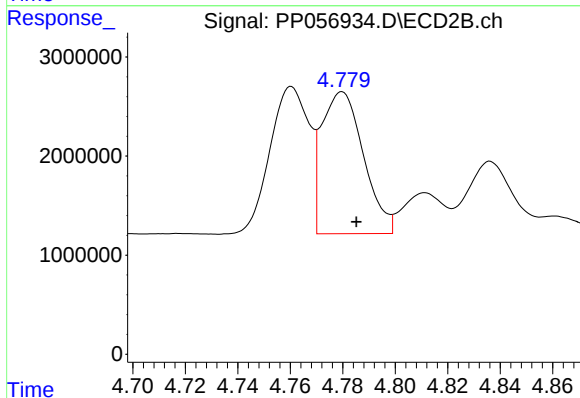
R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 15419243
Conc: 358.50 ng/ml



#17 AR-1242-2

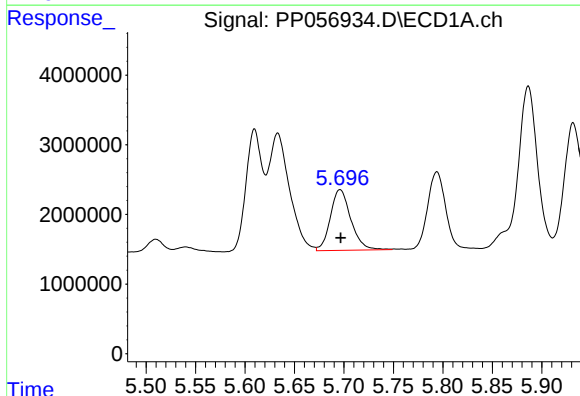
R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 24799113
Conc: 340.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



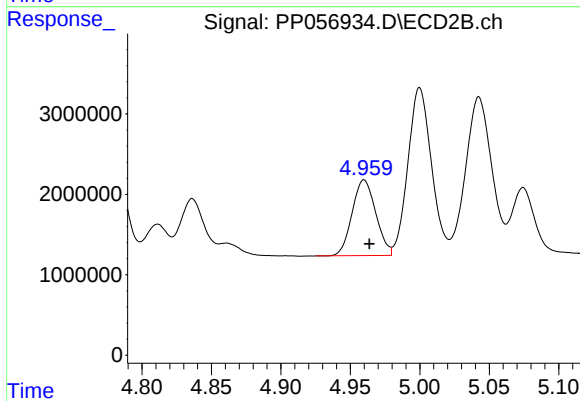
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: -0.005 min
Response: 15808785
Conc: 265.68 ng/ml



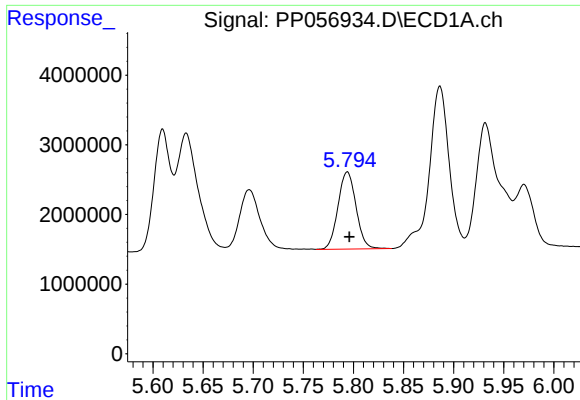
#18 AR-1242-3

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 12598995
Conc: 274.98 ng/ml



#18 AR-1242-3

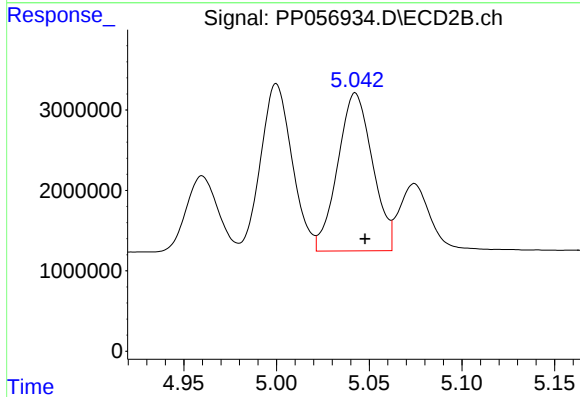
R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 11162521
Conc: 345.98 ng/ml



#19 AR-1242-4

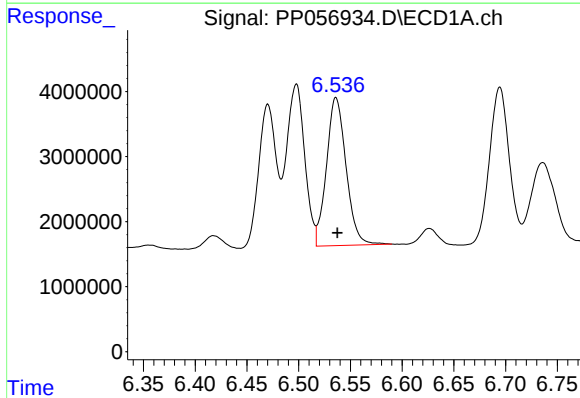
R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 13921292
Conc: 385.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



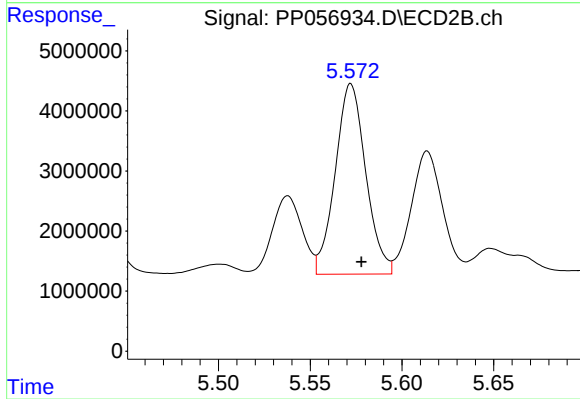
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 25643876
Conc: 703.82 ng/ml



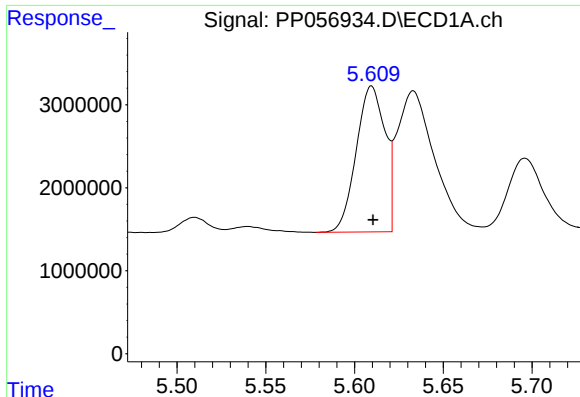
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 30107645
Conc: 907.03 ng/ml



#20 AR-1242-5

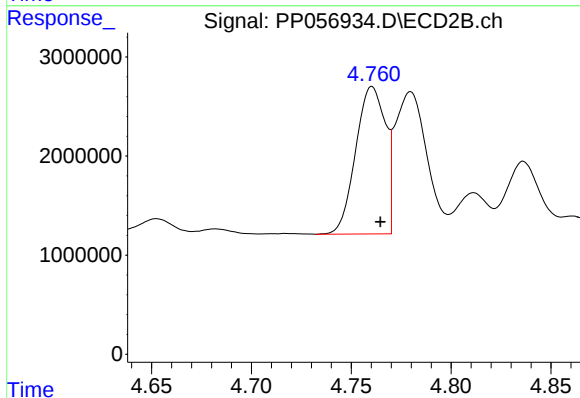
R.T.: 5.572 min
Delta R.T.: -0.006 min
Response: 36699225
Conc: 920.42 ng/ml



#21 AR-1248-1

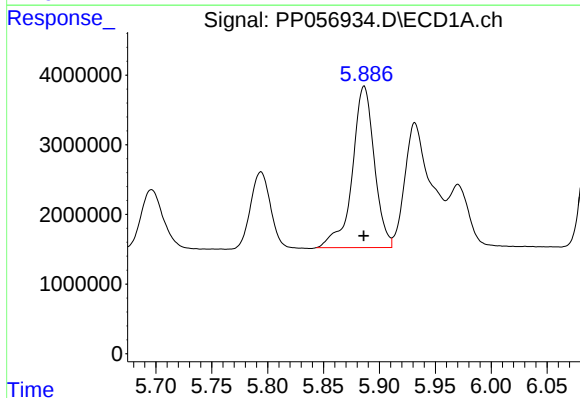
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 19800303
Conc: 527.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



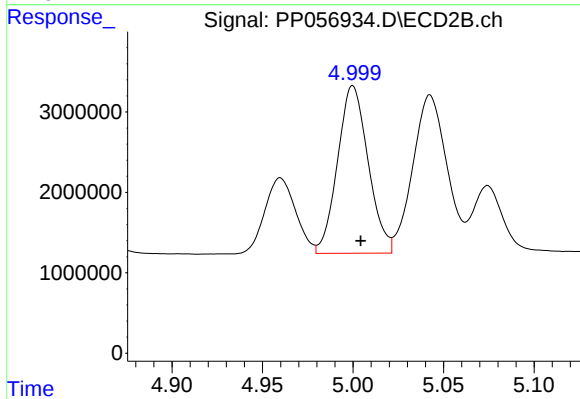
#21 AR-1248-1

R.T.: 4.760 min
Delta R.T.: -0.004 min
Response: 15419243
Conc: 468.42 ng/ml



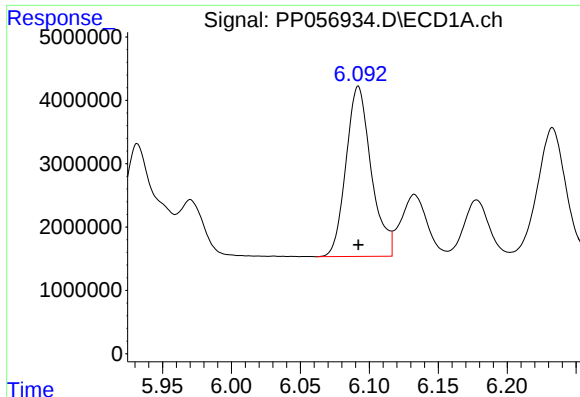
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 31799469
Conc: 539.94 ng/ml



#22 AR-1248-2

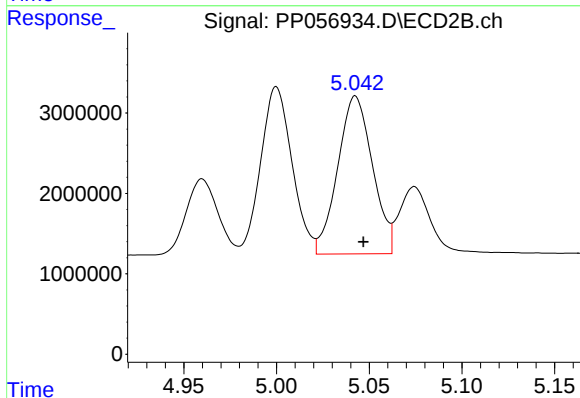
R.T.: 5.000 min
Delta R.T.: -0.004 min
Response: 24556998
Conc: 476.44 ng/ml



#23 AR-1248-3

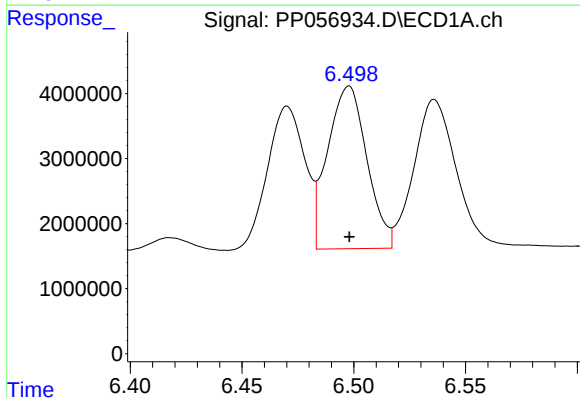
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 34261921
Conc: 537.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



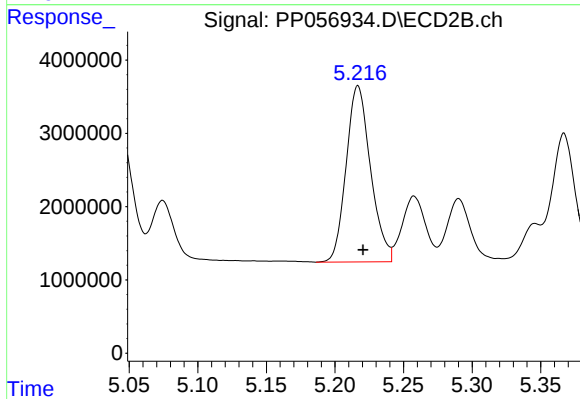
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 25643876
Conc: 477.70 ng/ml



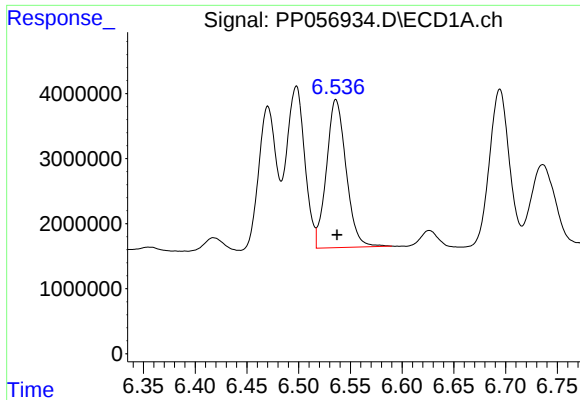
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 30545876
Conc: 525.98 ng/ml



#24 AR-1248-4

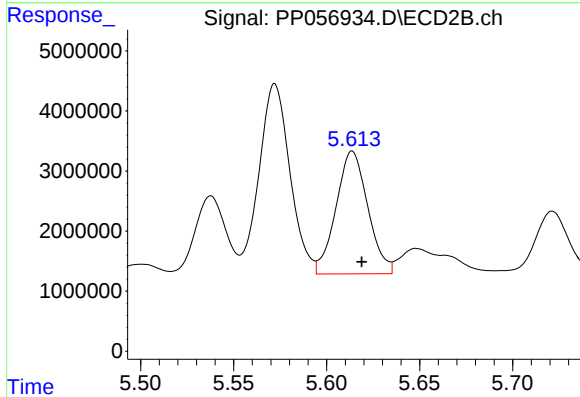
R.T.: 5.217 min
Delta R.T.: -0.004 min
Response: 29739905
Conc: 480.64 ng/ml



#25 AR-1248-5

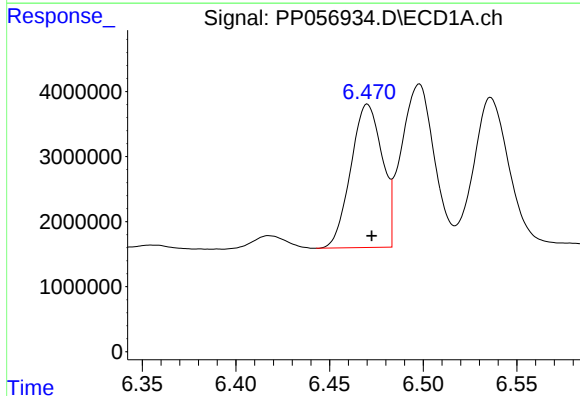
R.T.: 6.536 min
Delta R.T.: -0.001 min
Response: 30107645
Conc: 533.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



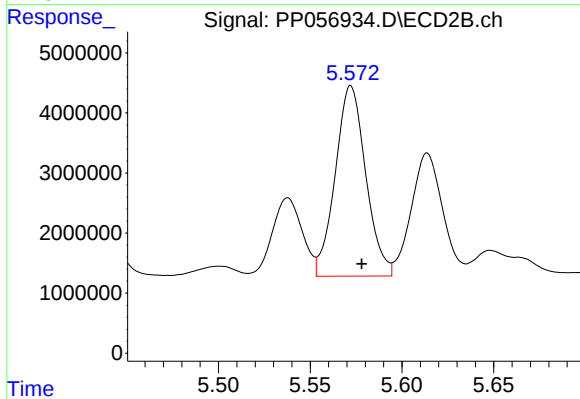
#25 AR-1248-5

R.T.: 5.614 min
Delta R.T.: -0.005 min
Response: 24350125
Conc: 474.26 ng/ml



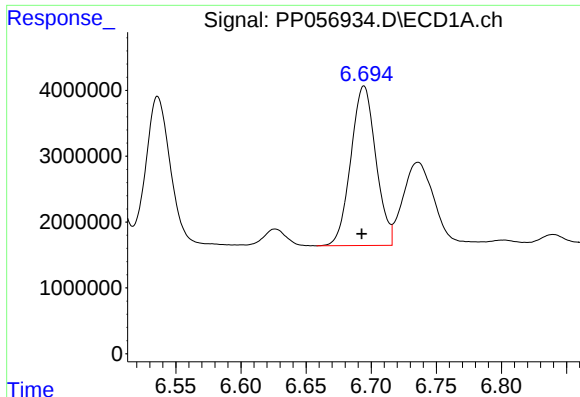
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 25694615
Conc: 362.38 ng/ml



#26 AR-1254-1

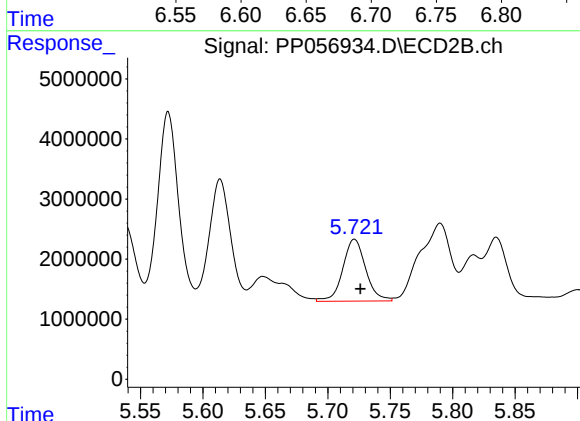
R.T.: 5.572 min
Delta R.T.: -0.006 min
Response: 36699225
Conc: 398.40 ng/ml



#27 AR-1254-2

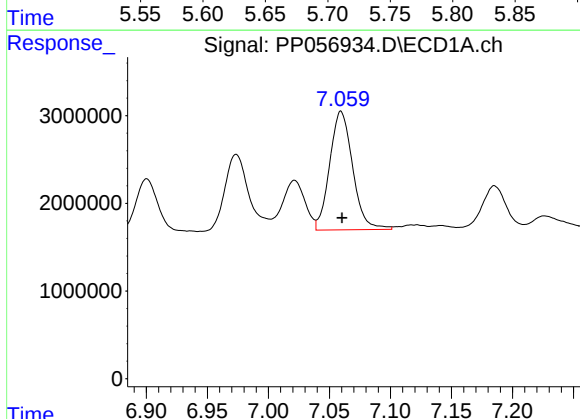
R.T.: 6.694 min
Delta R.T.: 0.002 min
Response: 32403526
Conc: 319.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



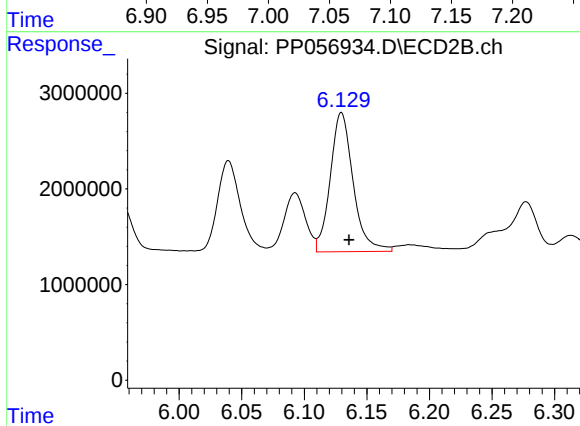
#27 AR-1254-2

R.T.: 5.721 min
Delta R.T.: -0.005 min
Response: 13205247
Conc: 164.31 ng/ml



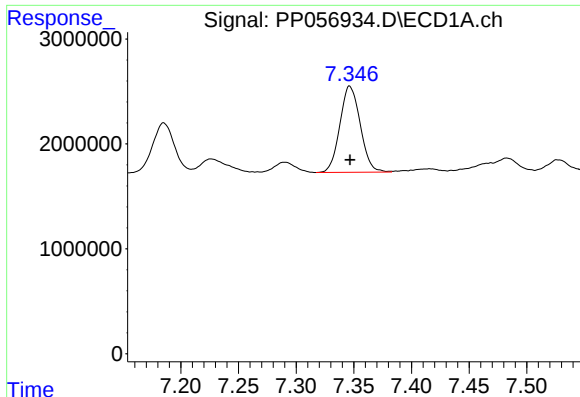
#28 AR-1254-3

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 17735703
Conc: 182.97 ng/ml



#28 AR-1254-3

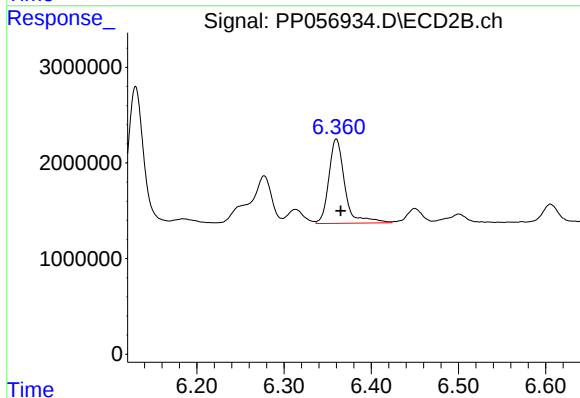
R.T.: 6.130 min
Delta R.T.: -0.006 min
Response: 18528998
Conc: 149.89 ng/ml



#29 AR-1254-4

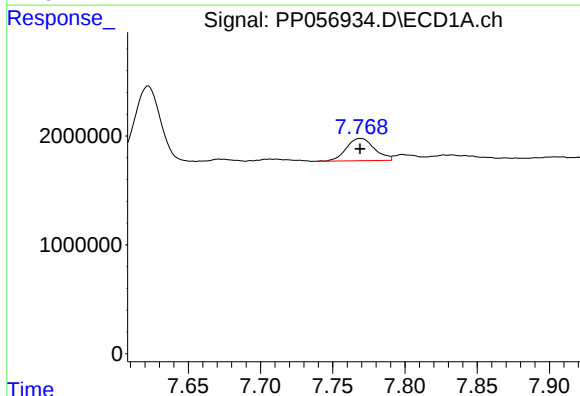
R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 10053559
Conc: 164.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



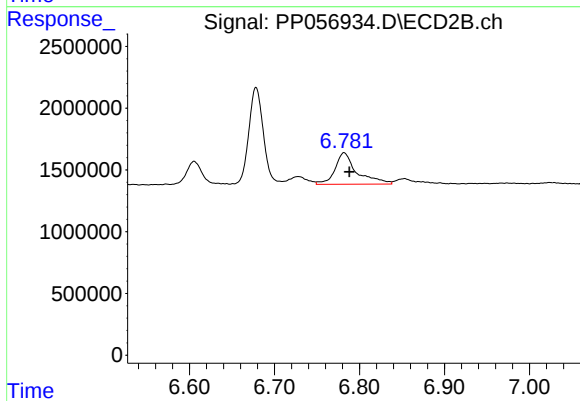
#29 AR-1254-4

R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 11230578
Conc: 176.70 ng/ml



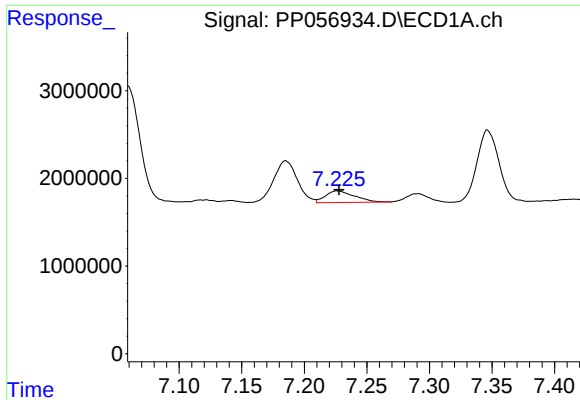
#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 2778360
Conc: 40.77 ng/ml



#30 AR-1254-5

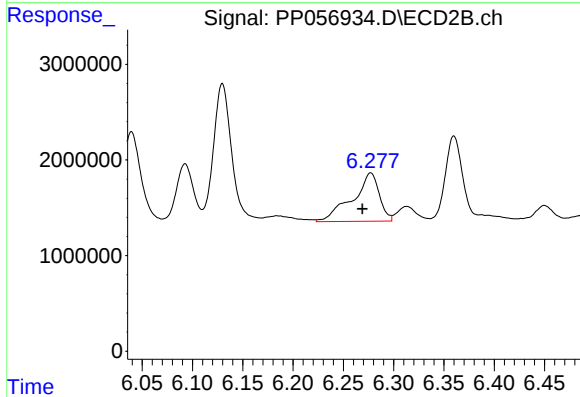
R.T.: 6.782 min
Delta R.T.: -0.006 min
Response: 4607650
Conc: 43.83 ng/ml



#31 AR-1260-1

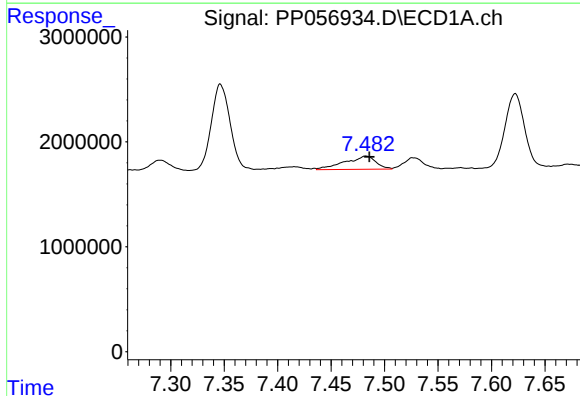
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 2167646
Conc: 26.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



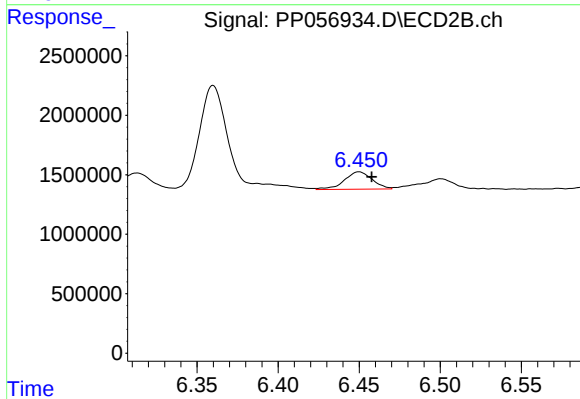
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: 0.008 min
Response: 9401730
Conc: 98.30 ng/ml



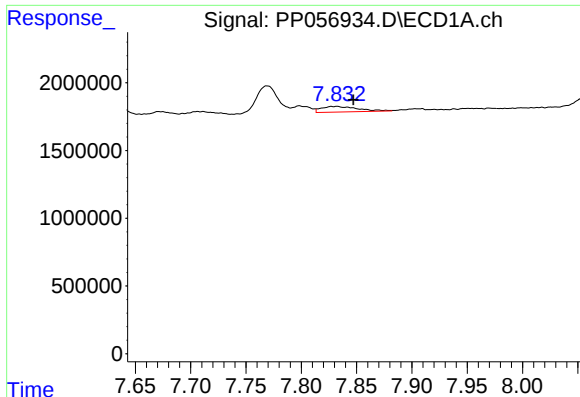
#32 AR-1260-2

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 2543110
Conc: 29.81 ng/ml



#32 AR-1260-2

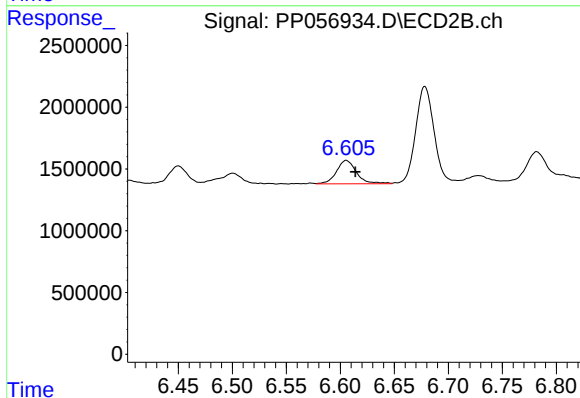
R.T.: 6.450 min
Delta R.T.: -0.008 min
Response: 1751313
Conc: 16.96 ng/ml



#33 AR-1260-3

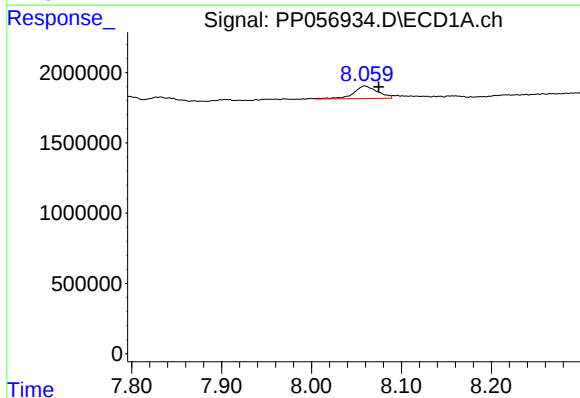
R.T.: 7.832 min
Delta R.T.: -0.015 min
Response: 951806
Conc: 13.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



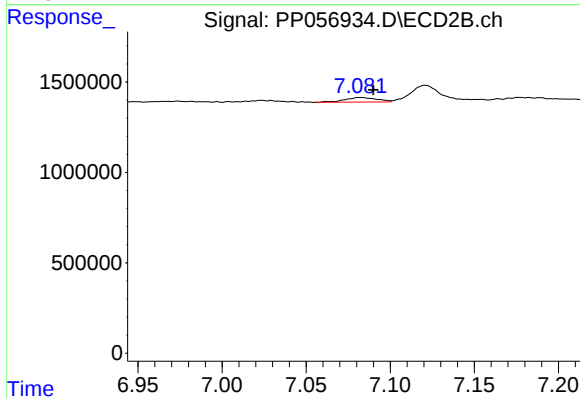
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: -0.009 min
Response: 2444120
Conc: 23.57 ng/ml



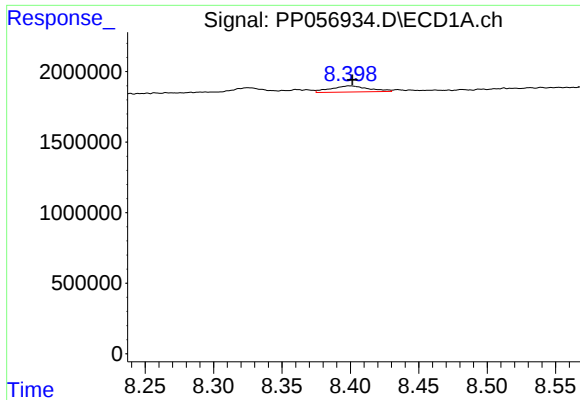
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: -0.016 min
Response: 1650425
Conc: 21.63 ng/ml



#34 AR-1260-4

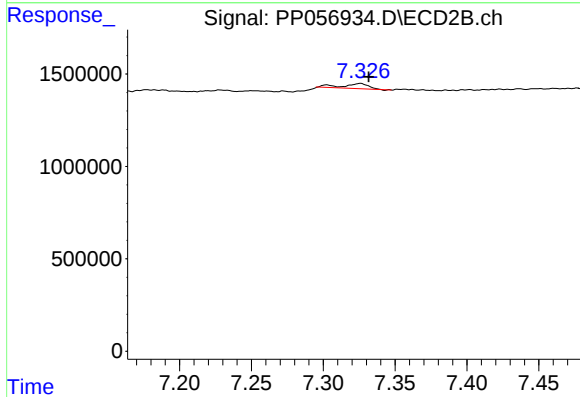
R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 336362
Conc: 3.94 ng/ml



#35 AR-1260-5

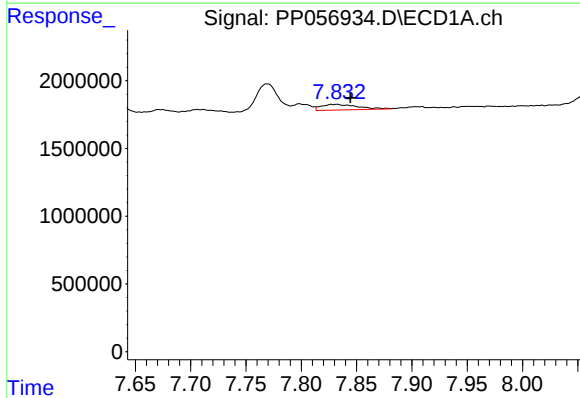
R.T.: 8.400 min
Delta R.T.: -0.001 min
Response: 837355
Conc: 6.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



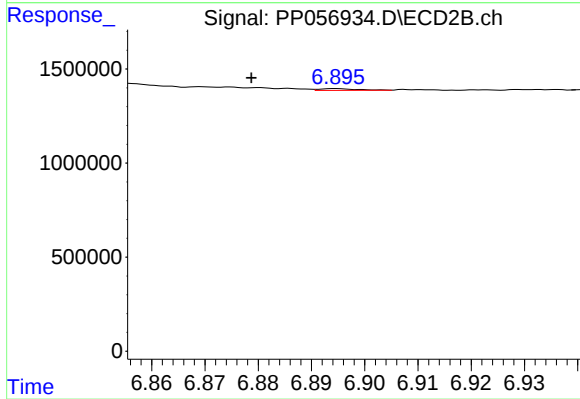
#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.006 min
Response: 304199
Conc: 1.92 ng/ml



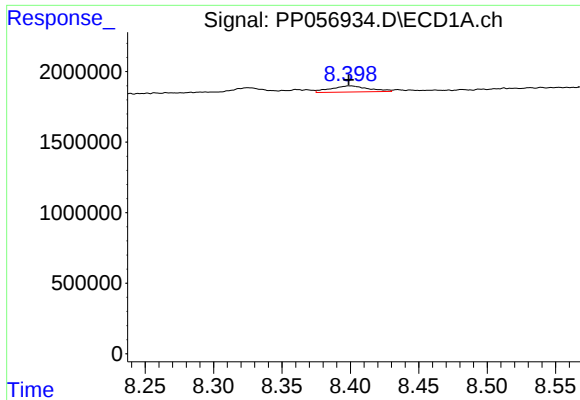
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: -0.012 min
Response: 951806
Conc: 10.81 ng/ml



#36 AR-1262-1

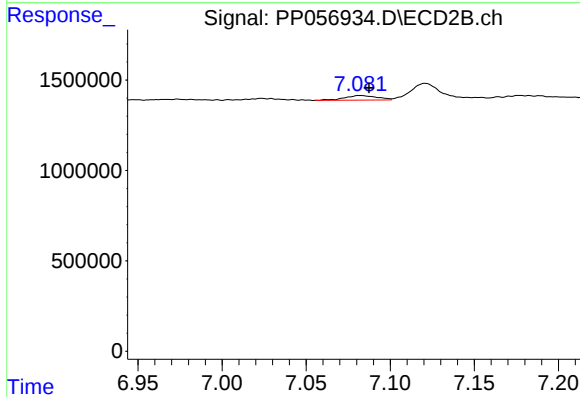
R.T.: 6.895 min
Delta R.T.: 0.016 min
Response: 46165
Conc: 0.99 ng/ml



#37 AR-1262-2

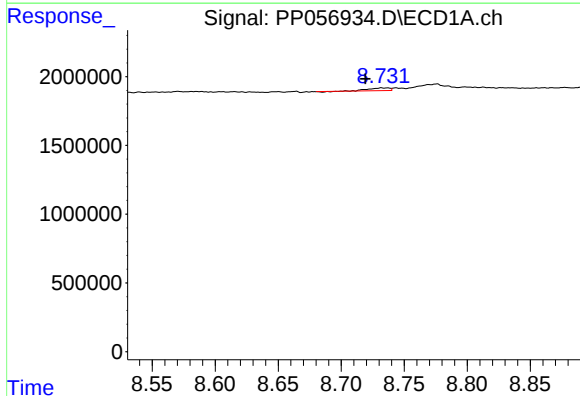
R.T.: 8.400 min
Delta R.T.: 0.001 min
Response: 837355
Conc: 6.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



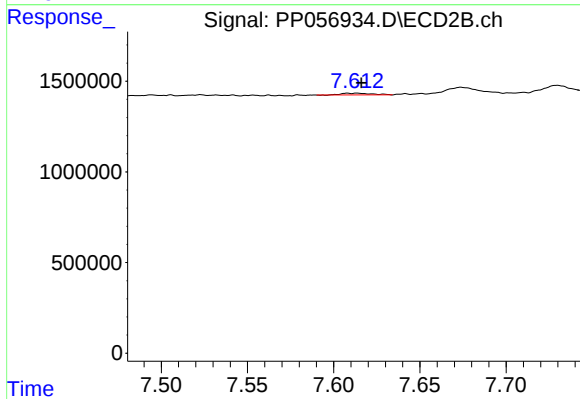
#37 AR-1262-2

R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 336362
Conc: 3.44 ng/ml



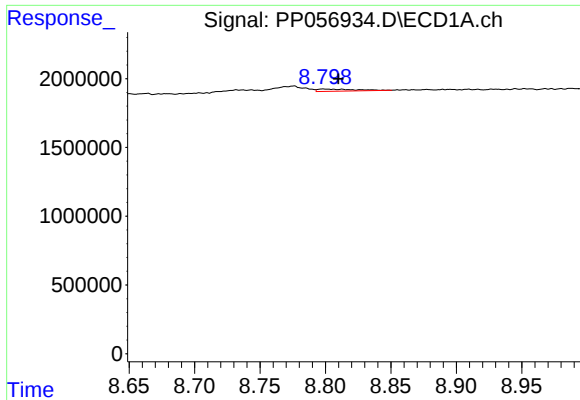
#38 AR-1262-3

R.T.: 8.732 min
Delta R.T.: 0.013 min
Response: 226772
Conc: 2.46 ng/ml



#38 AR-1262-3

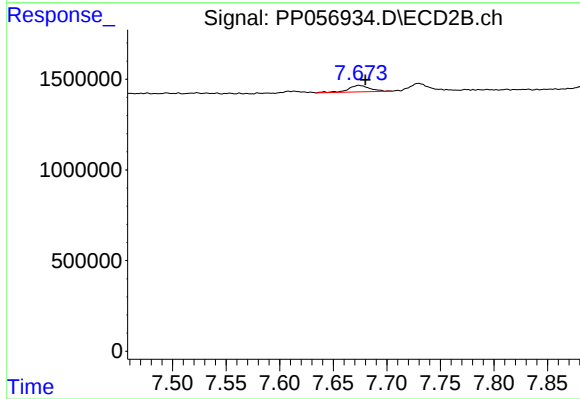
R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 109222
Conc: 1.64 ng/ml



#39 AR-1262-4

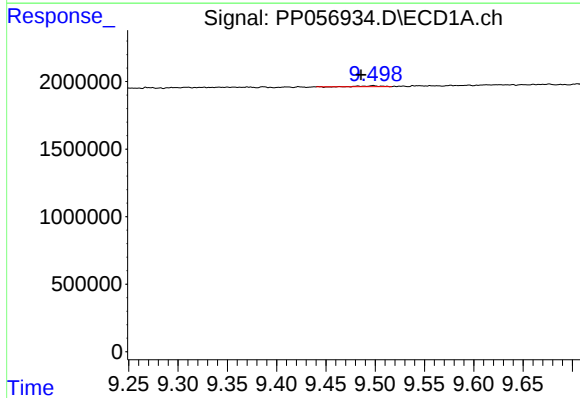
R.T.: 8.799 min
Delta R.T.: -0.011 min
Response: 313386
Conc: 6.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



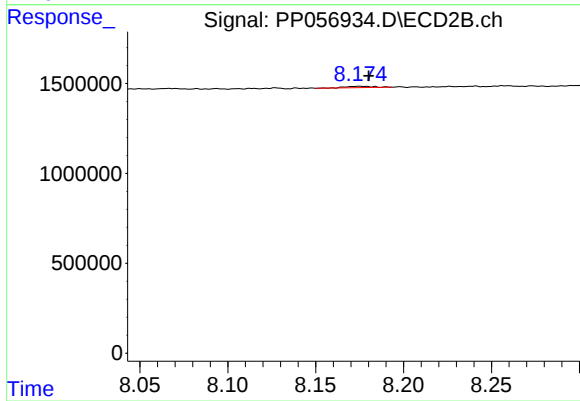
#39 AR-1262-4

R.T.: 7.674 min
Delta R.T.: -0.006 min
Response: 502955
Conc: 4.27 ng/ml



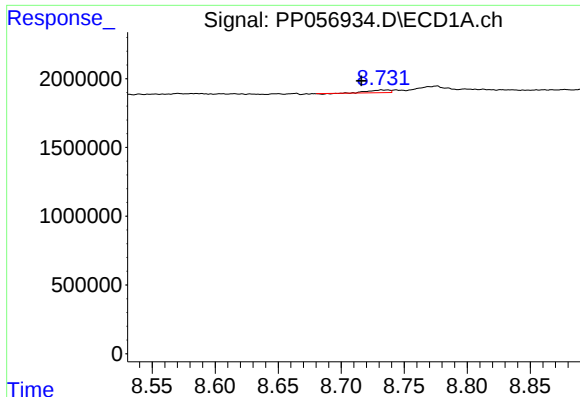
#40 AR-1262-5

R.T.: 9.498 min
Delta R.T.: 0.012 min
Response: 83628
Conc: 2.08 ng/ml



#40 AR-1262-5

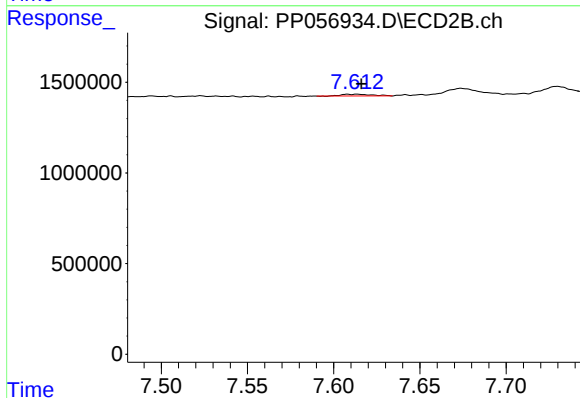
R.T.: 8.175 min
Delta R.T.: -0.005 min
Response: 82839
Conc: 1.70 ng/ml



#41 AR-1268-1

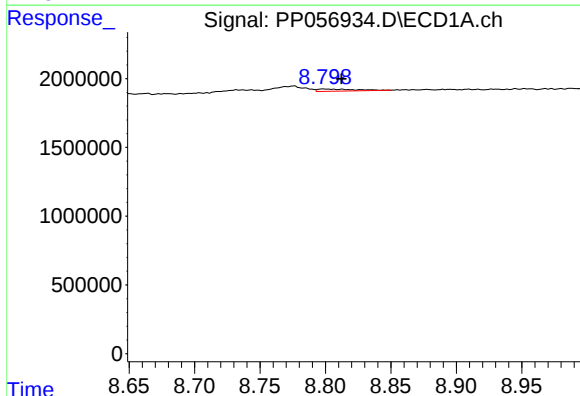
R.T.: 8.732 min
Delta R.T.: 0.016 min
Response: 226772
Conc: 1.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



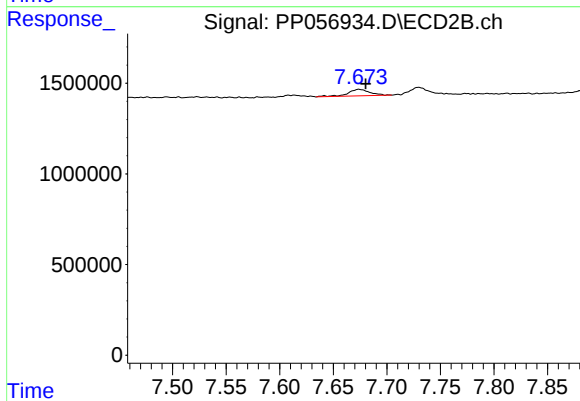
#41 AR-1268-1

R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 109222
Conc: 0.49 ng/ml



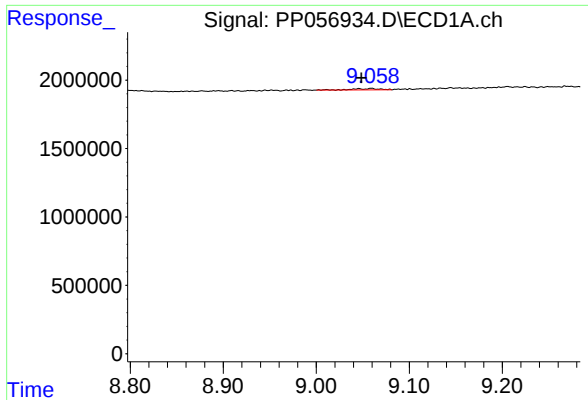
#42 AR-1268-2

R.T.: 8.799 min
Delta R.T.: -0.014 min
Response: 313386
Conc: 1.89 ng/ml



#42 AR-1268-2

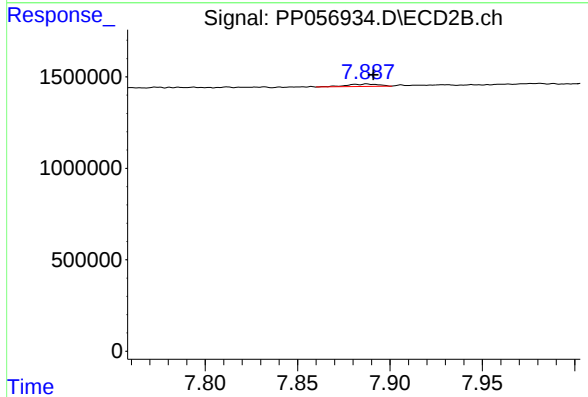
R.T.: 7.674 min
Delta R.T.: -0.006 min
Response: 502955
Conc: 2.59 ng/ml



#43 AR-1268-3

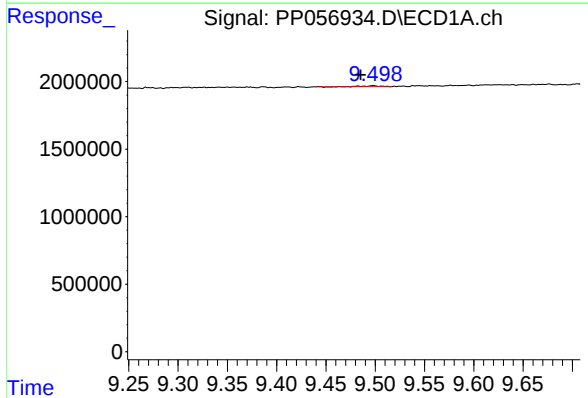
R.T.: 9.059 min
Delta R.T.: 0.010 min
Response: 194459
Conc: 1.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



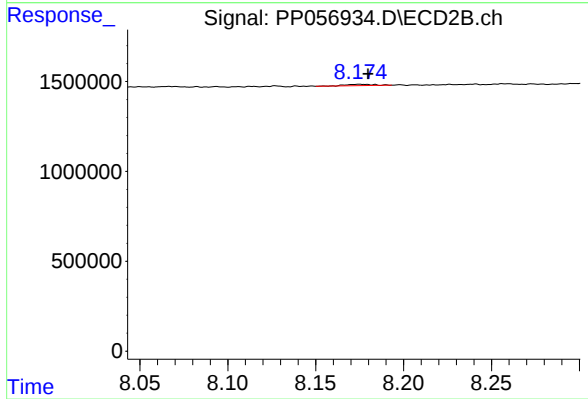
#43 AR-1268-3

R.T.: 7.888 min
Delta R.T.: -0.003 min
Response: 158613
Conc: 0.80 ng/ml



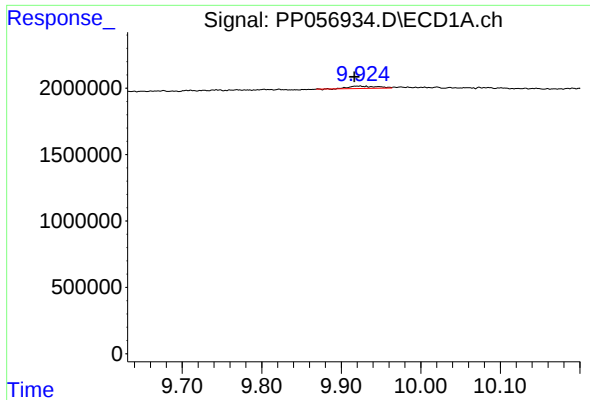
#44 AR-1268-4

R.T.: 9.498 min
Delta R.T.: 0.013 min
Response: 83628
Conc: 1.80 ng/ml



#44 AR-1268-4

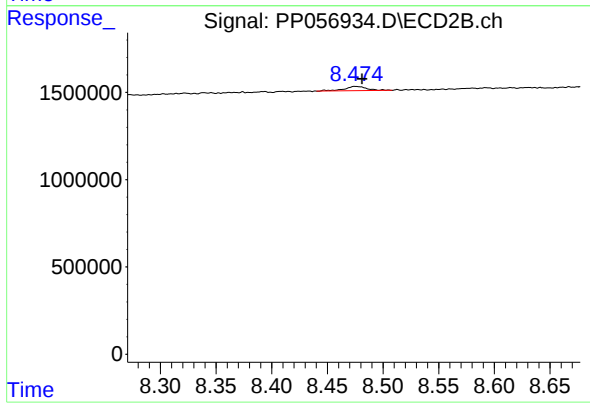
R.T.: 8.175 min
Delta R.T.: -0.005 min
Response: 82839
Conc: 1.43 ng/ml



#45 AR-1268-5

R.T.: 9.921 min
Delta R.T.: 0.004 min
Response: 459788
Conc: 1.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.475 min
Delta R.T.: -0.006 min
Response: 346270
Conc: 0.68 ng/ml