

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 13:33
 Operator : YP\AJ
 Sample : 04577-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:26:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.508	3.664	42649573	32038487	20.502	19.669
2) SA Decachlor...	10.426	8.731	27230707	26326980	17.852	17.387
Target Compounds						
3) L1 AR-1016-1	5.723f	4.777	1622931	36566	24.052	0.608 #
4) L1 AR-1016-2	5.723	4.794	1622931	467184	16.965	5.629 #
5) L1 AR-1016-3	5.769f	4.978	370259	21617	6.220	0.482 #
6) L1 AR-1016-4	0.000	5.003	0	904682	N.D.	25.644 #
7) L1 AR-1016-5	6.168f	5.225	4149670	618990	84.398	13.313 #
8) L2 AR-1221-1	4.717	3.894	1161036	301863	43.676	13.743 #
9) L2 AR-1221-2	4.820	3.966	915940	655427	46.534	42.453
10) L2 AR-1221-3	0.000	4.041	0	31576	N.D.	0.673 #
11) L3 AR-1232-1	0.000	4.041	0	31576	N.D.	0.831 #
12) L3 AR-1232-2	0.000	4.794	0	467184	N.D.	12.670 #
13) L3 AR-1232-3	5.723	4.978	1622931	21617	37.565	1.080 #
14) L3 AR-1232-4	0.000	5.050	0	55500	N.D.	3.038 #
15) L3 AR-1232-5	5.974	5.225	1079575	618990	58.847	30.873 #
16) L4 AR-1242-1	5.723f	4.777	1622931	36566	27.173	0.694 #
17) L4 AR-1242-2	5.723	4.794	1622931	467184	19.312	6.484 #
18) L4 AR-1242-3	5.769f	4.978	370259	21617	7.079	0.552 #
19) L4 AR-1242-4	0.000	5.050	0	55500	N.D.	1.416 #
20) L4 AR-1242-5	0.000	5.574	0	8287914	N.D.	171.309 #
21) L5 AR-1248-1	5.723f	4.777	1622931	36566	36.310	0.936 #
22) L5 AR-1248-2	5.974	5.003	1079575	904682	16.669	16.697
23) L5 AR-1248-3	6.168f	5.050	4149670	55500	58.593	0.975 #
24) L5 AR-1248-4	6.603	5.225	14195784	618990	183.541	9.216 #
25) L5 AR-1248-5	6.603f	5.610f	14195784	3230229	188.673	48.970 #
26) L6 AR-1254-1	6.558	5.574	13694510	8287914	171.532	82.584 #
27) L6 AR-1254-2	6.785	5.723	12080399	6621682	100.861	76.219
28) L6 AR-1254-3	7.155	6.130	11377288	16817584	93.655	119.783 #
29) L6 AR-1254-4	7.443	6.359	8358630	6534477	93.990	77.629
30) L6 AR-1254-5	7.884	6.781	44360795	36830171	456.034	310.495 #
31) L7 AR-1260-1	7.321	6.281	8506541	3913556	94.372	42.029 #
32) L7 AR-1260-2	7.579	6.451	19685670	11096303	191.891	101.209 #
33) L7 AR-1260-3	7.942	6.605	6245917	8829189	79.305	85.842
34) L7 AR-1260-4	8.174	7.081	14608298	5921172	163.002	71.096 #
35) L7 AR-1260-5	8.507	7.323	7561856	10141968	44.309	52.712
36) L8 AR-1262-1	7.942	6.872f	6245917	3607636	53.968	71.475 #
37) L8 AR-1262-2	8.507	7.081f	7561856	5921172	37.773	52.412 #
38) L8 AR-1262-3	8.845	7.641f	8718660	2502971	60.546	28.555 #
39) L8 AR-1262-4	8.926	7.673f	5059631	10579171	44.556	64.781 #
40) L8 AR-1262-5	9.620	8.173f	3087976	1822220	41.392	24.412 #
41) L9 AR-1268-1	8.845	7.641f	8718660	2502971	34.769	9.614 #

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 Sample : 04577-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

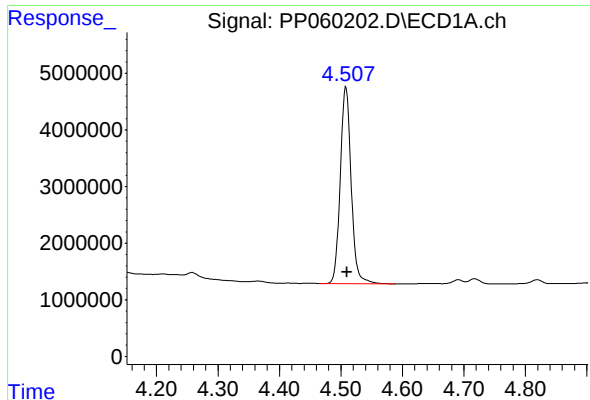
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:26:00 2023
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 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	8.926	7.673f	5059631	10579171	22.046	45.760 #
43) L9	AR-1268-3	9.174	7.889	1274342	593079	6.458	2.905 #
44) L9	AR-1268-4	9.620	8.173f	3087976	1822220	37.282	22.568 #
45) L9	AR-1268-5	10.063	8.469f	2237913	2236938	3.698	3.541

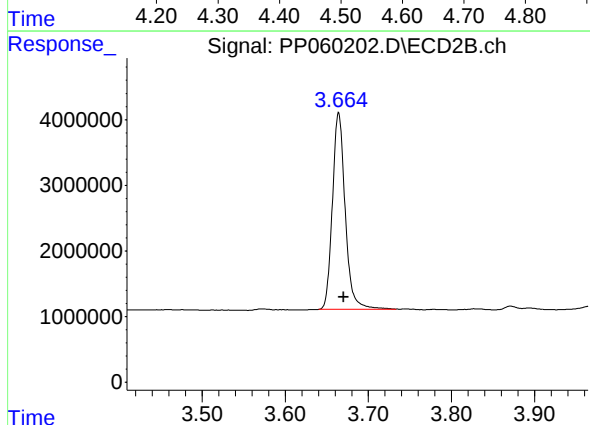
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

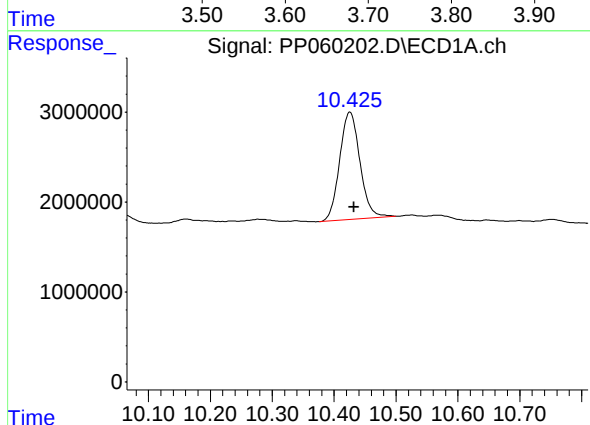
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 42649573
Conc: 20.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



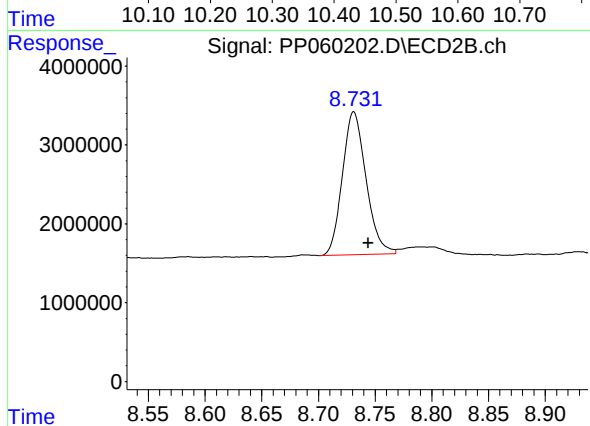
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.006 min
Response: 32038487
Conc: 19.67 ng/ml



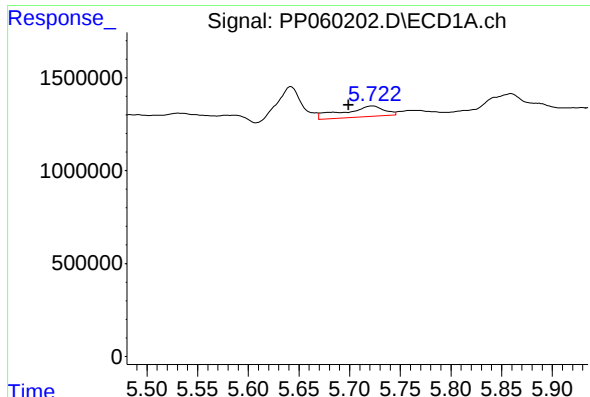
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.006 min
Response: 27230707
Conc: 17.85 ng/ml



#2 Decachlorobiphenyl

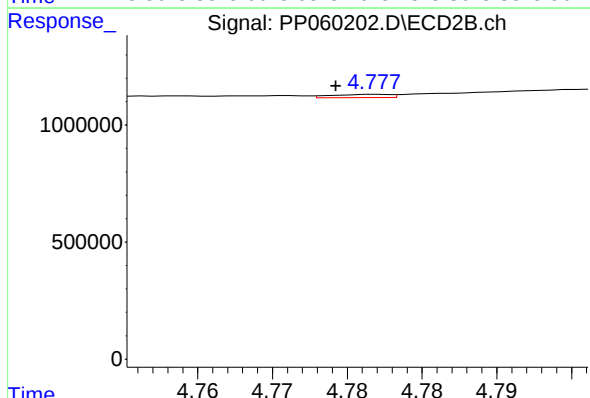
R.T.: 8.731 min
Delta R.T.: -0.013 min
Response: 26326980
Conc: 17.39 ng/ml



#3 AR-1016-1

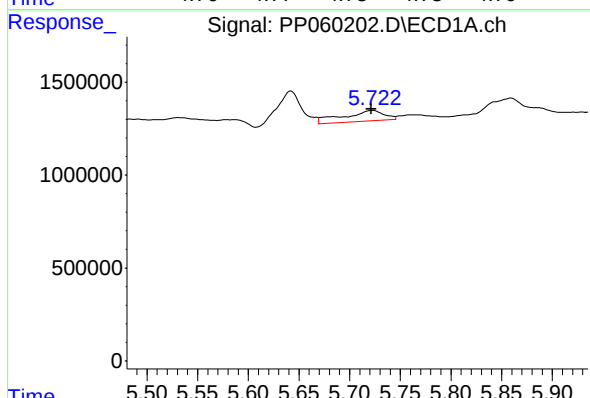
R.T.: 5.723 min
Delta R.T.: 0.024 min
Response: 1622931
Conc: 24.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



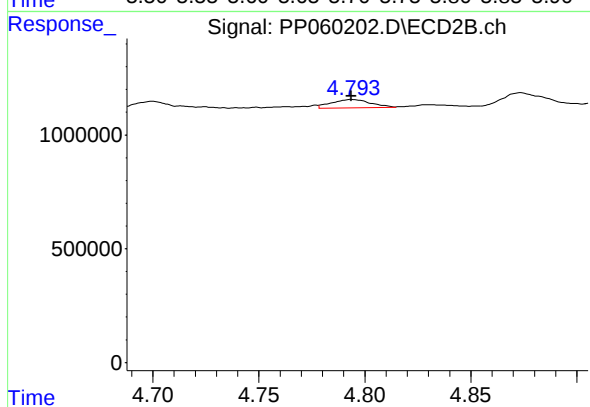
#3 AR-1016-1

R.T.: 4.777 min
Delta R.T.: 0.003 min
Response: 36566
Conc: 0.61 ng/ml



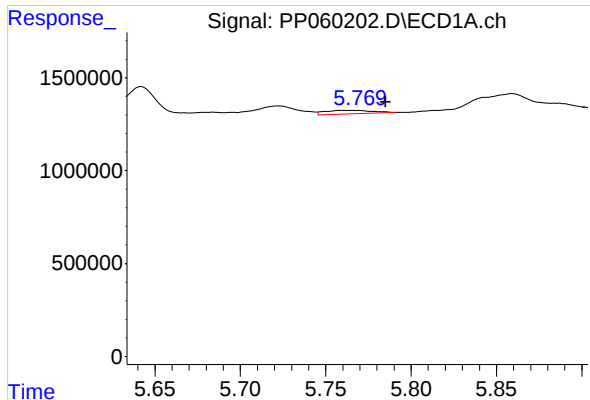
#4 AR-1016-2

R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 1622931
Conc: 16.97 ng/ml



#4 AR-1016-2

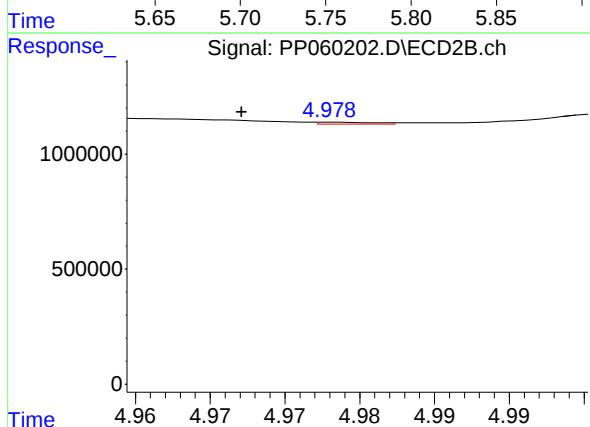
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 467184
Conc: 5.63 ng/ml



#5 AR-1016-3

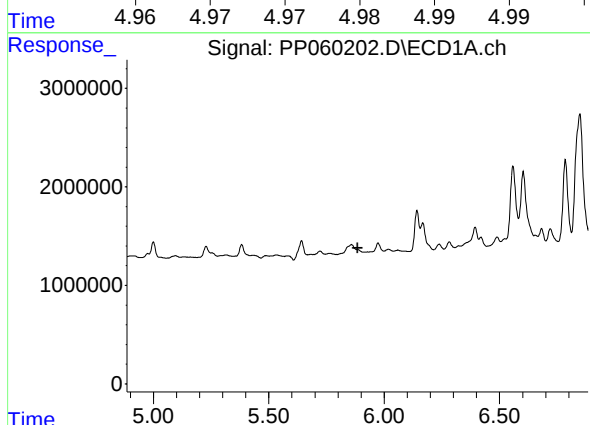
R.T.: 5.769 min
Delta R.T.: -0.016 min
Response: 370259
Conc: 6.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



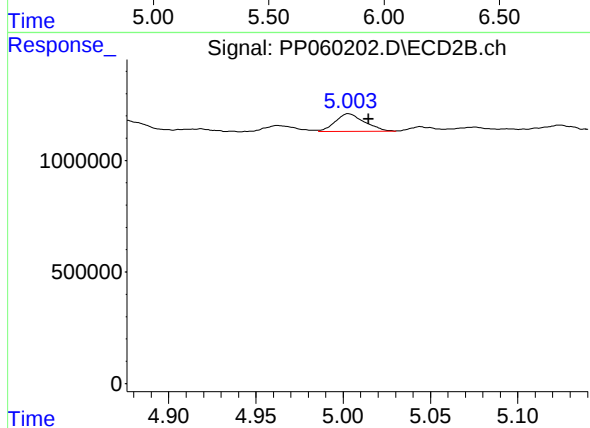
#5 AR-1016-3

R.T.: 4.978 min
Delta R.T.: 0.006 min
Response: 21617
Conc: 0.48 ng/ml



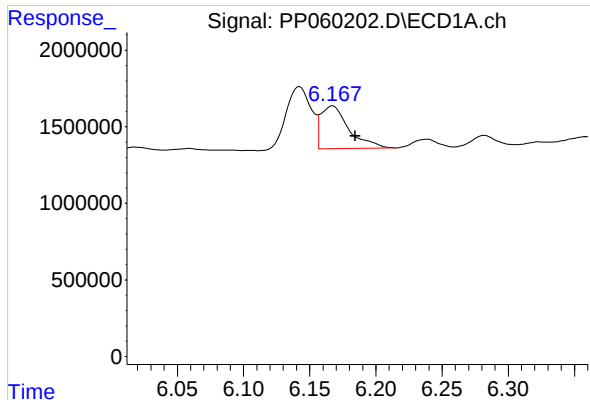
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

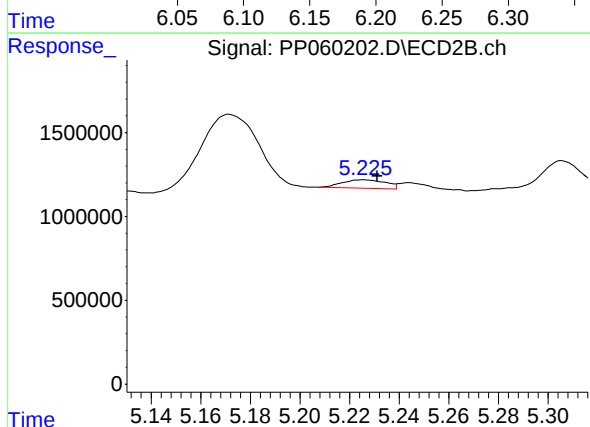
R.T.: 5.003 min
Delta R.T.: -0.012 min
Response: 904682
Conc: 25.64 ng/ml



#7 AR-1016-5

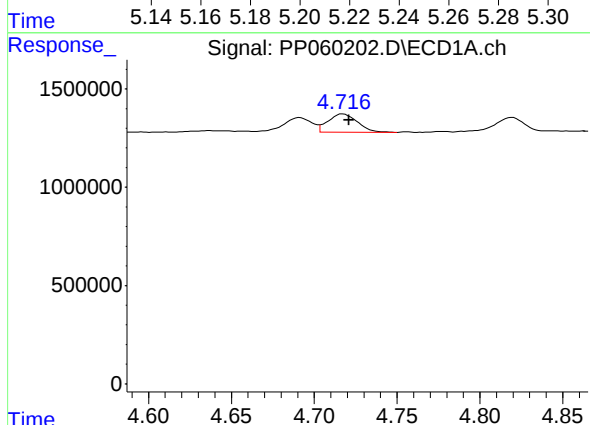
R.T.: 6.168 min
Delta R.T.: -0.017 min
Response: 4149670
Conc: 84.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



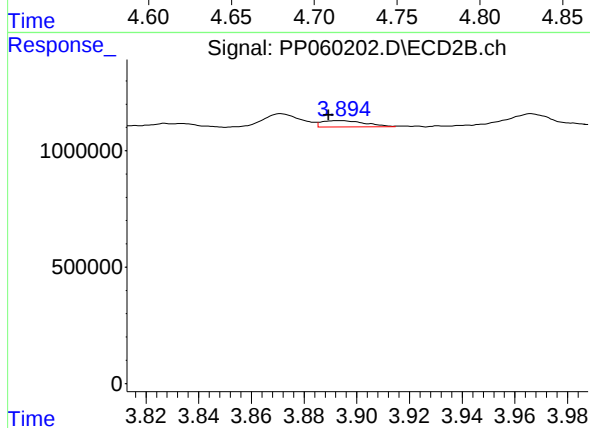
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: -0.006 min
Response: 618990
Conc: 13.31 ng/ml



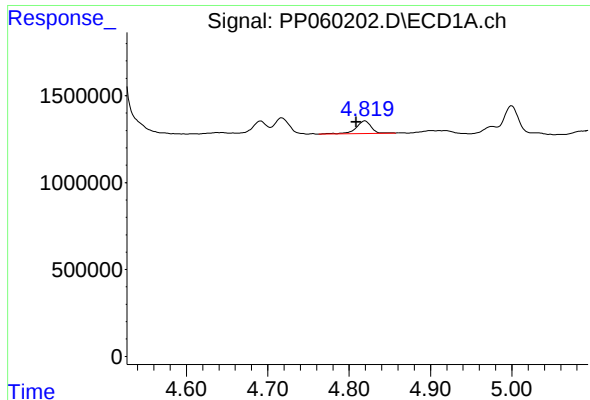
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 1161036
Conc: 43.68 ng/ml



#8 AR-1221-1

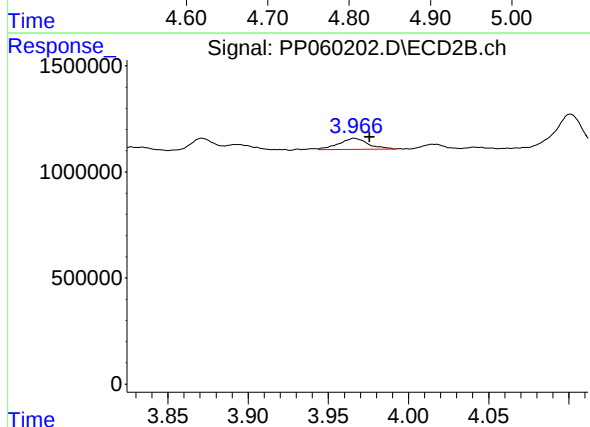
R.T.: 3.894 min
Delta R.T.: 0.005 min
Response: 301863
Conc: 13.74 ng/ml



#9 AR-1221-2

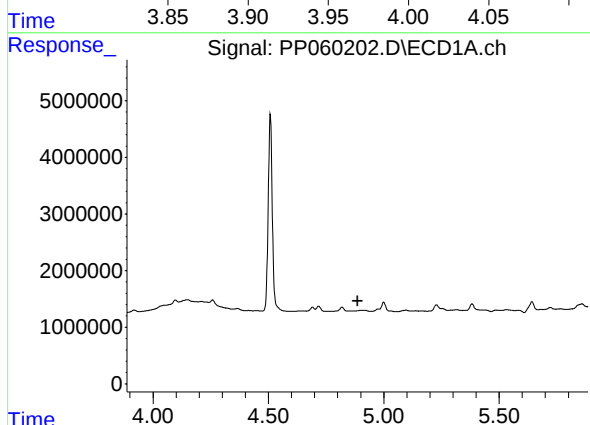
R.T.: 4.820 min
Delta R.T.: 0.011 min
Response: 915940
Conc: 46.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



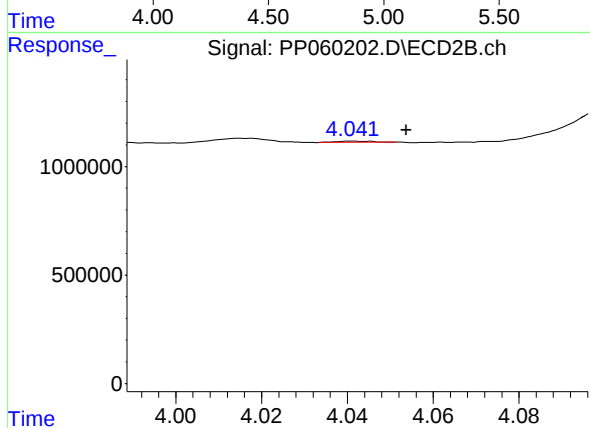
#9 AR-1221-2

R.T.: 3.966 min
Delta R.T.: -0.010 min
Response: 655427
Conc: 42.45 ng/ml



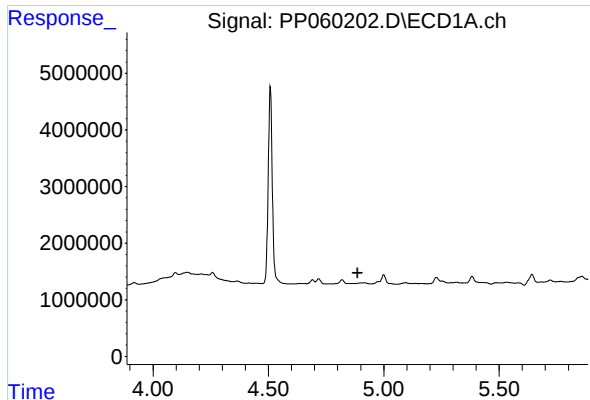
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.



#10 AR-1221-3

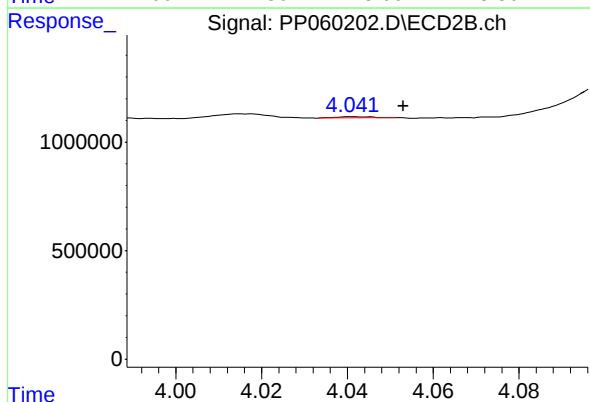
R.T.: 4.041 min
Delta R.T.: -0.013 min
Response: 31576
Conc: 0.67 ng/ml



#11 AR-1232-1

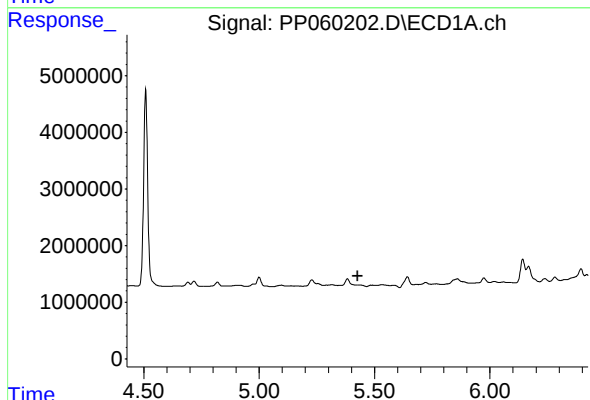
R.T.: 0.000 min
Exp R.T.: 4.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



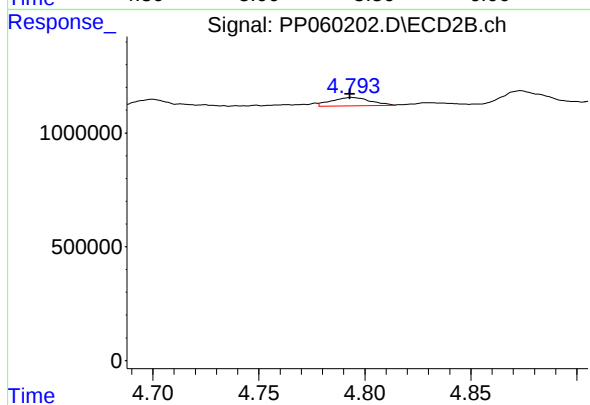
#11 AR-1232-1

R.T.: 4.041 min
Delta R.T.: -0.012 min
Response: 31576
Conc: 0.83 ng/ml



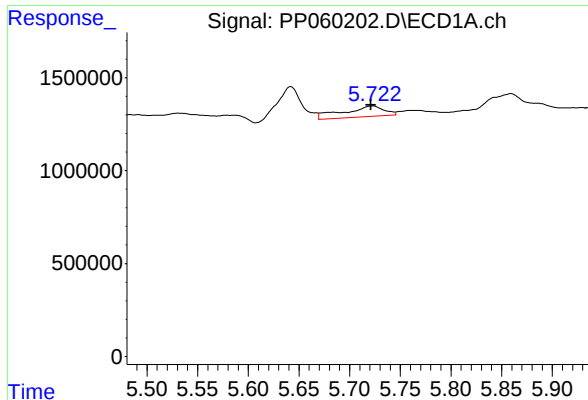
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

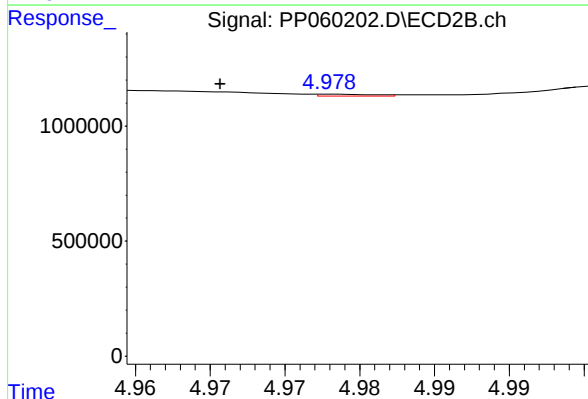
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 467184
Conc: 12.67 ng/ml



#13 AR-1232-3

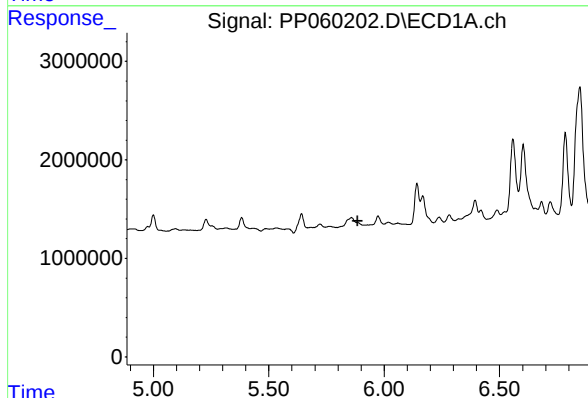
R.T.: 5.723 min
Delta R.T.: 0.002 min
Response: 1622931
Conc: 37.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



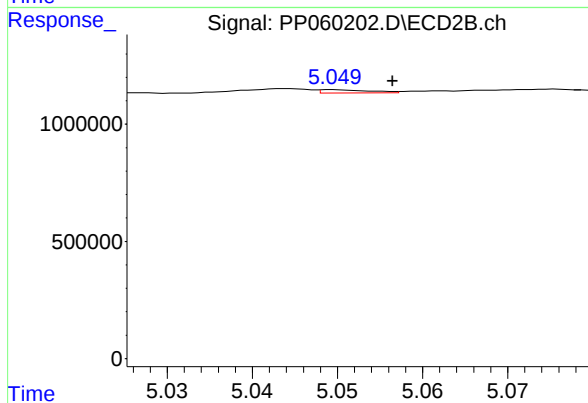
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: 0.008 min
Response: 21617
Conc: 1.08 ng/ml



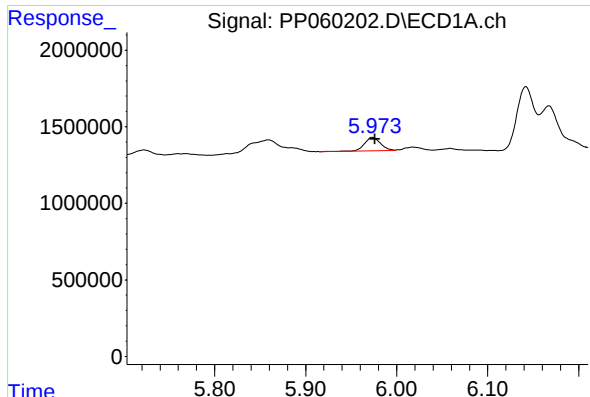
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

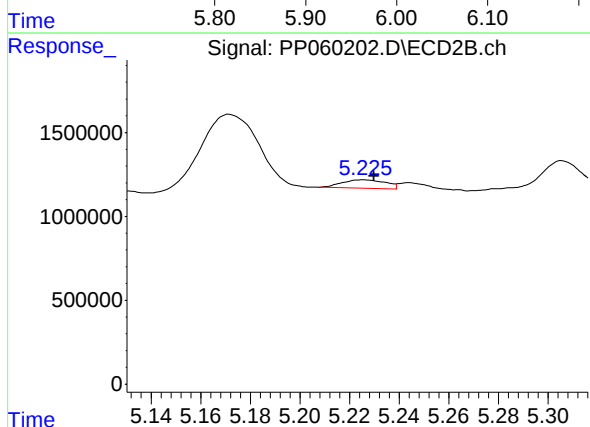
R.T.: 5.050 min
Delta R.T.: -0.007 min
Response: 55500
Conc: 3.04 ng/ml



#15 AR-1232-5

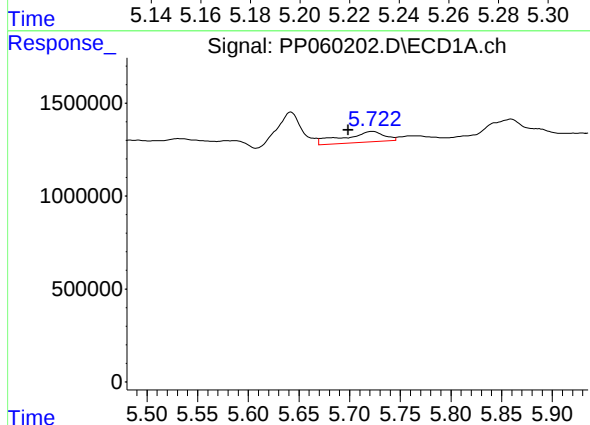
R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 1079575
Conc: 58.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



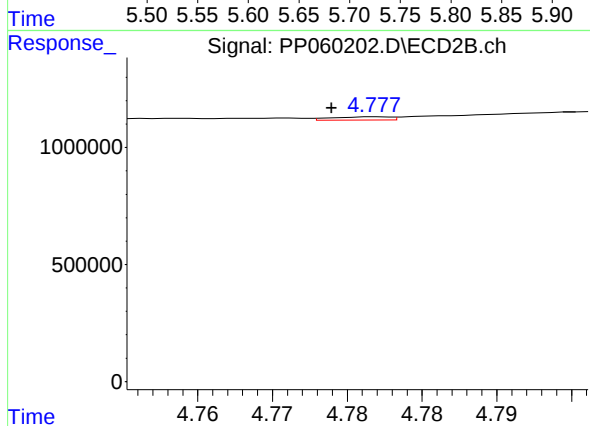
#15 AR-1232-5

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 618990
Conc: 30.87 ng/ml



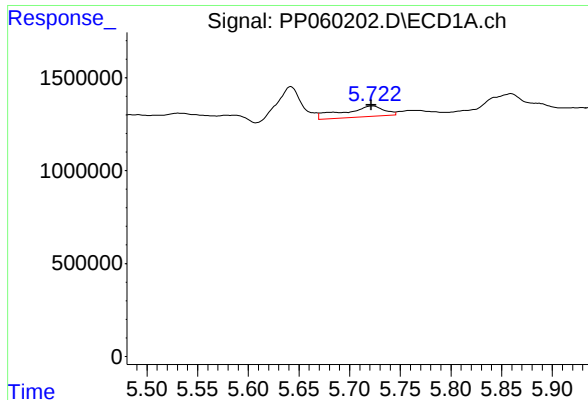
#16 AR-1242-1

R.T.: 5.723 min
Delta R.T.: 0.024 min
Response: 1622931
Conc: 27.17 ng/ml



#16 AR-1242-1

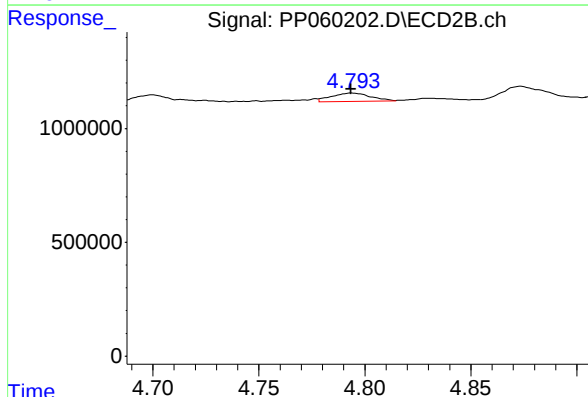
R.T.: 4.777 min
Delta R.T.: 0.003 min
Response: 36566
Conc: 0.69 ng/ml



#17 AR-1242-2

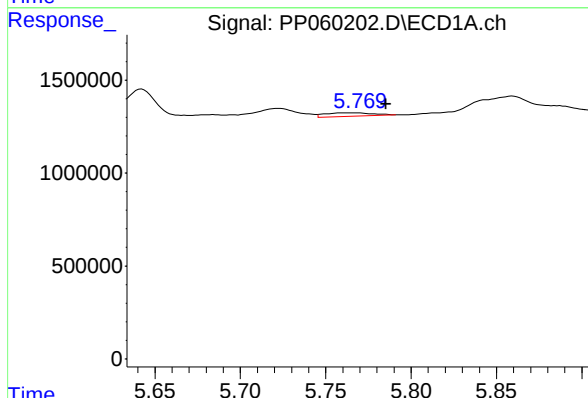
R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 1622931
Conc: 19.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



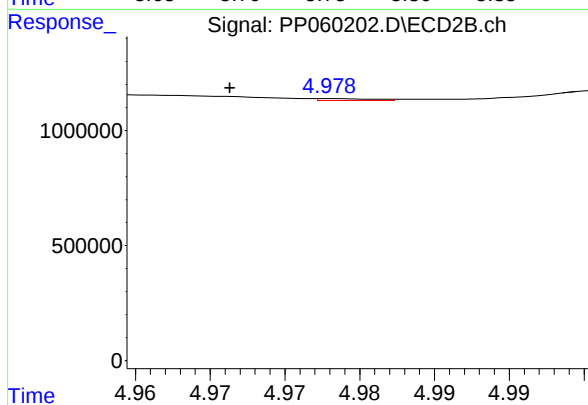
#17 AR-1242-2

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 467184
Conc: 6.48 ng/ml



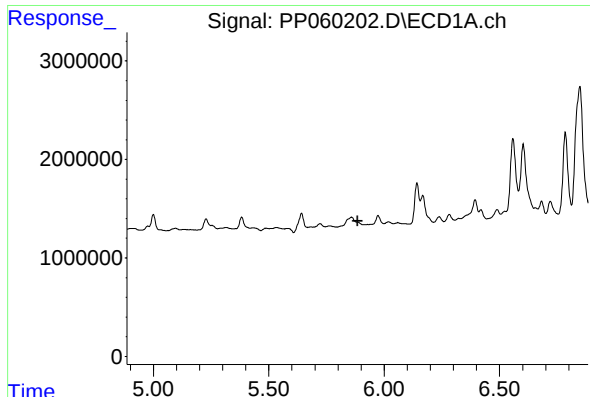
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: -0.016 min
Response: 370259
Conc: 7.08 ng/ml



#18 AR-1242-3

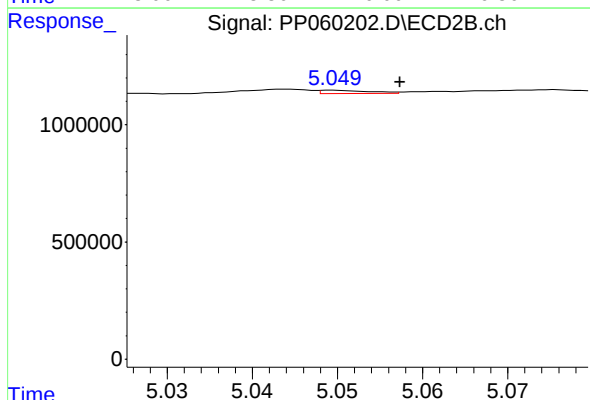
R.T.: 4.978 min
Delta R.T.: 0.007 min
Response: 21617
Conc: 0.55 ng/ml



#19 AR-1242-4

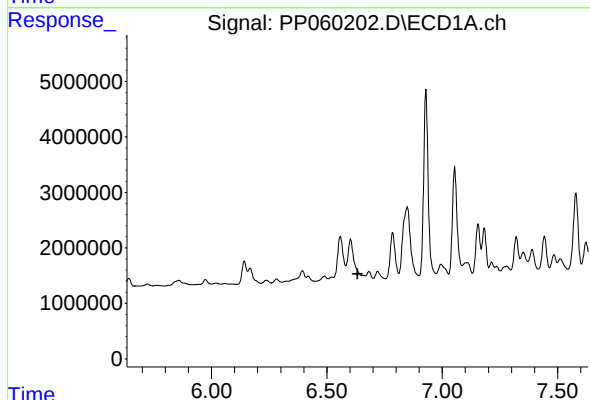
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



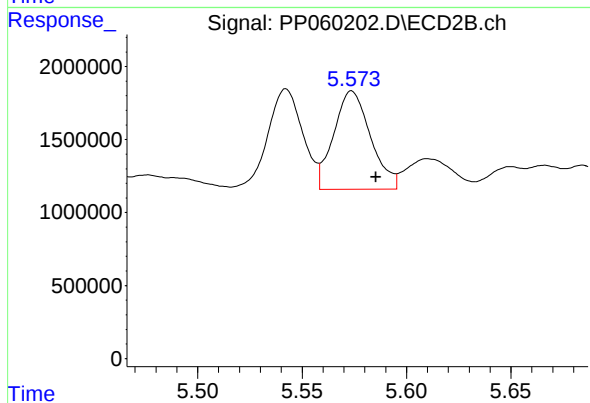
#19 AR-1242-4

R.T.: 5.050 min
Delta R.T.: -0.008 min
Response: 55500
Conc: 1.42 ng/ml



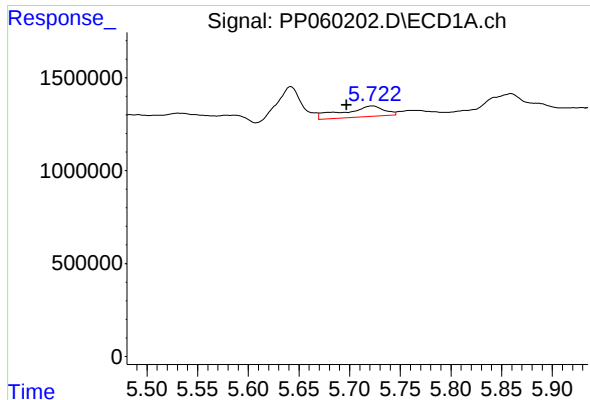
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.633 min
Response: 0
Conc: N.D.



#20 AR-1242-5

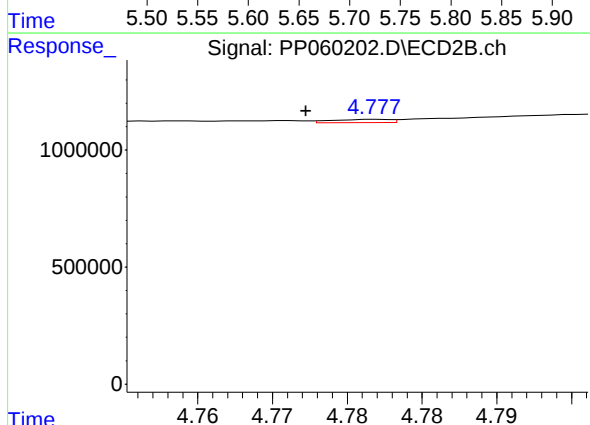
R.T.: 5.574 min
Delta R.T.: -0.012 min
Response: 8287914
Conc: 171.31 ng/ml



#21 AR-1248-1

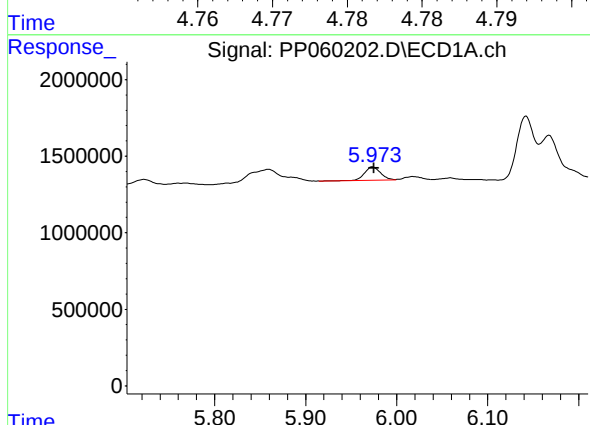
R.T.: 5.723 min
Delta R.T.: 0.026 min
Response: 1622931
Conc: 36.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



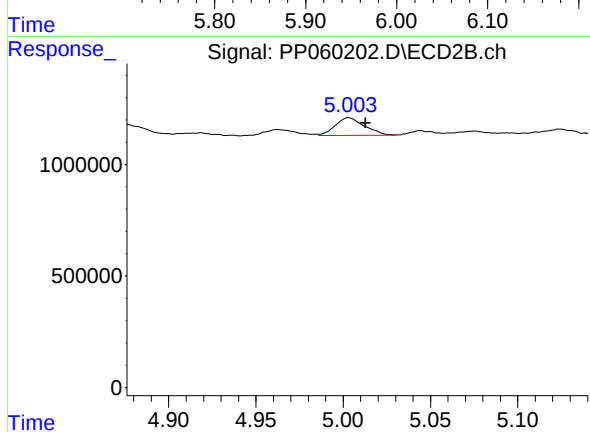
#21 AR-1248-1

R.T.: 4.777 min
Delta R.T.: 0.005 min
Response: 36566
Conc: 0.94 ng/ml



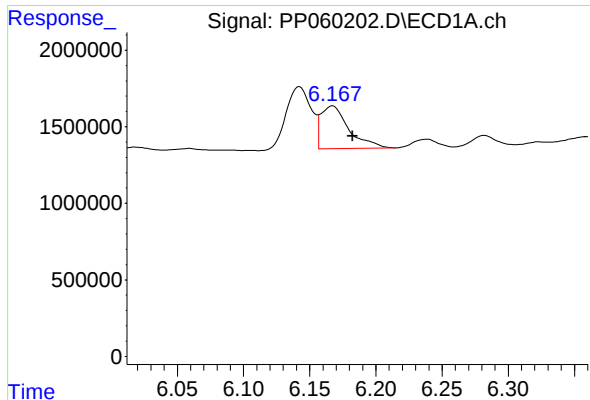
#22 AR-1248-2

R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 1079575
Conc: 16.67 ng/ml



#22 AR-1248-2

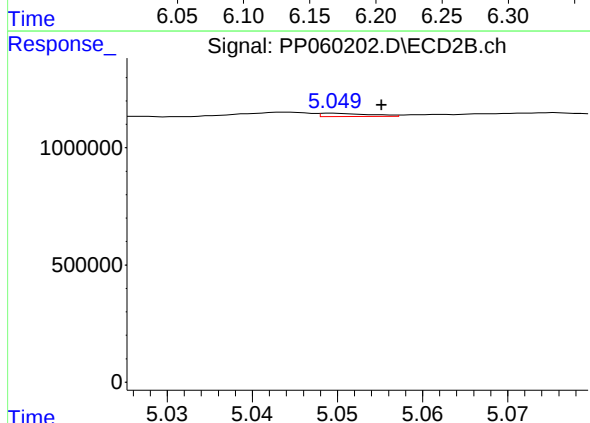
R.T.: 5.003 min
Delta R.T.: -0.010 min
Response: 904682
Conc: 16.70 ng/ml



#23 AR-1248-3

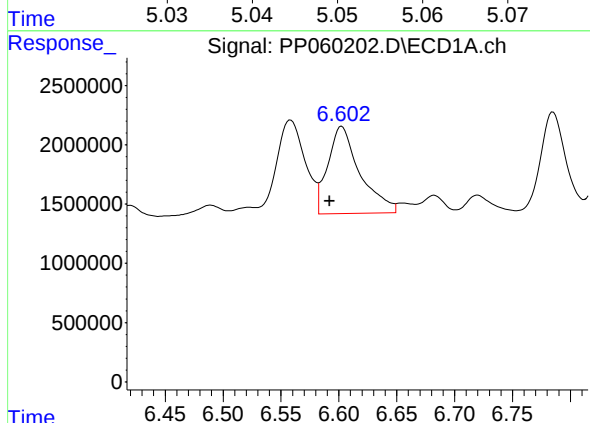
R.T.: 6.168 min
Delta R.T.: -0.015 min
Response: 4149670
Conc: 58.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



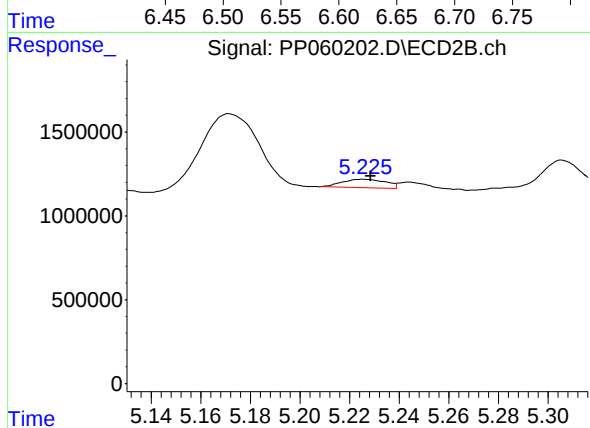
#23 AR-1248-3

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 55500
Conc: 0.98 ng/ml



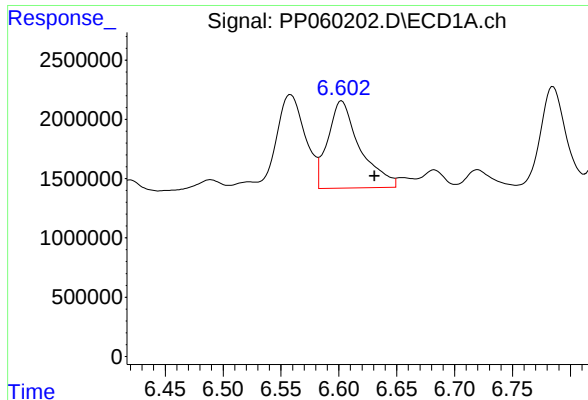
#24 AR-1248-4

R.T.: 6.603 min
Delta R.T.: 0.011 min
Response: 14195784
Conc: 183.54 ng/ml



#24 AR-1248-4

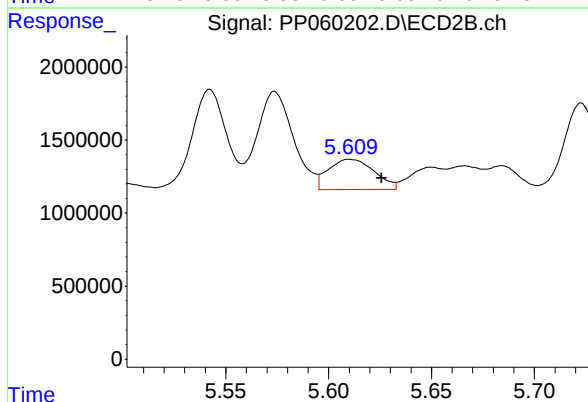
R.T.: 5.225 min
Delta R.T.: -0.003 min
Response: 618990
Conc: 9.22 ng/ml



#25 AR-1248-5

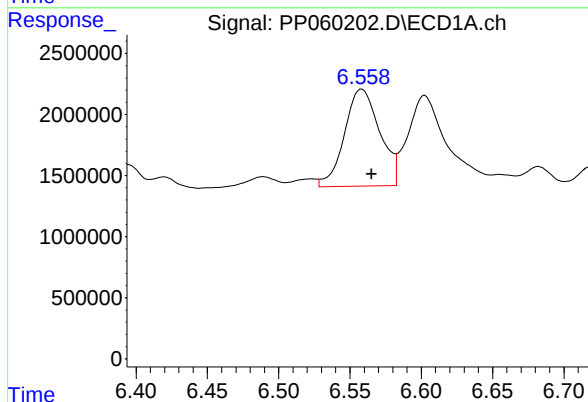
R.T.: 6.603 min
Delta R.T.: -0.029 min
Response: 14195784
Conc: 188.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



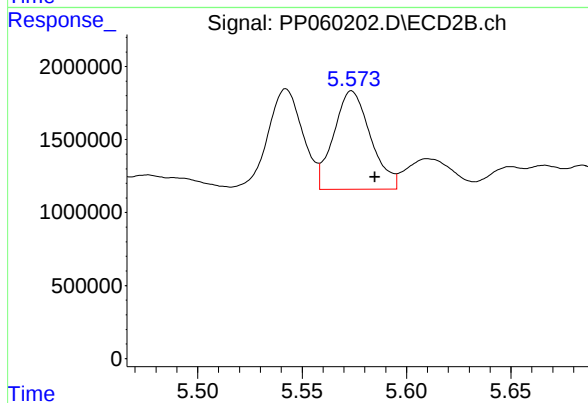
#25 AR-1248-5

R.T.: 5.610 min
Delta R.T.: -0.016 min
Response: 3230229
Conc: 48.97 ng/ml



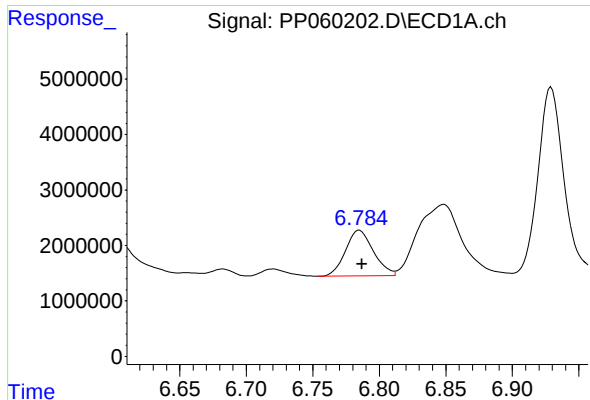
#26 AR-1254-1

R.T.: 6.558 min
Delta R.T.: -0.007 min
Response: 13694510
Conc: 171.53 ng/ml



#26 AR-1254-1

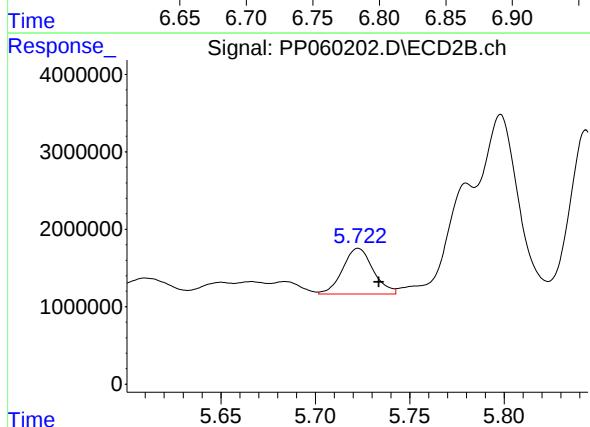
R.T.: 5.574 min
Delta R.T.: -0.011 min
Response: 8287914
Conc: 82.58 ng/ml



#27 AR-1254-2

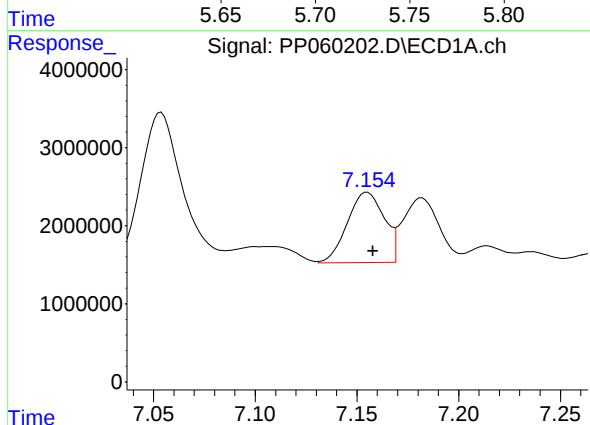
R.T.: 6.785 min
Delta R.T.: -0.002 min
Response: 12080399
Conc: 100.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



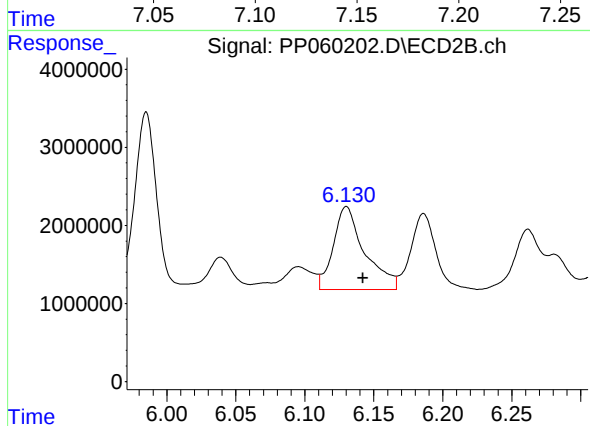
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: -0.011 min
Response: 6621682
Conc: 76.22 ng/ml



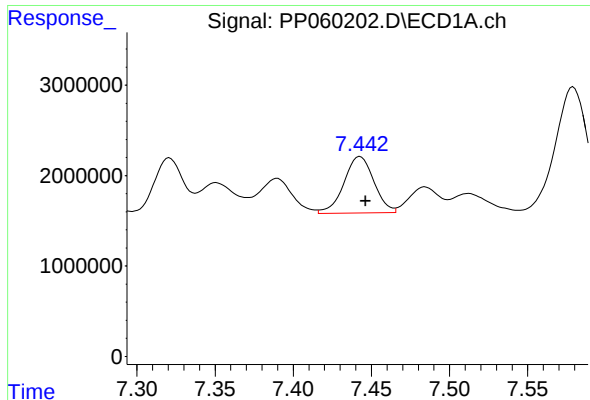
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 11377288
Conc: 93.66 ng/ml



#28 AR-1254-3

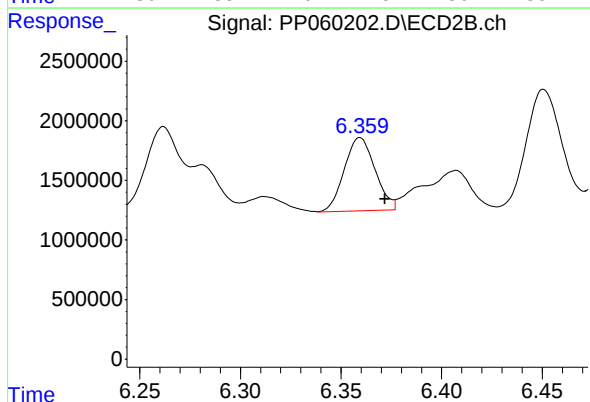
R.T.: 6.130 min
Delta R.T.: -0.012 min
Response: 16817584
Conc: 119.78 ng/ml



#29 AR-1254-4

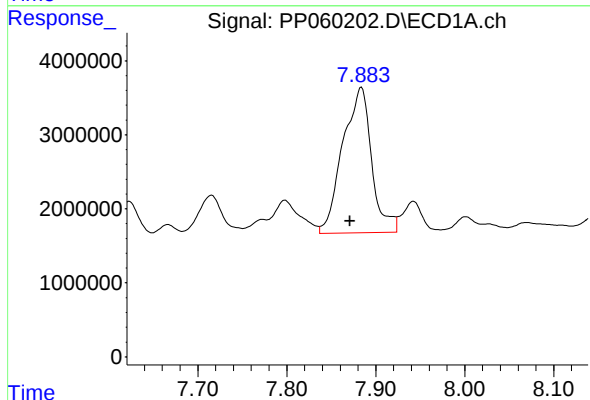
R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 8358630
Conc: 93.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



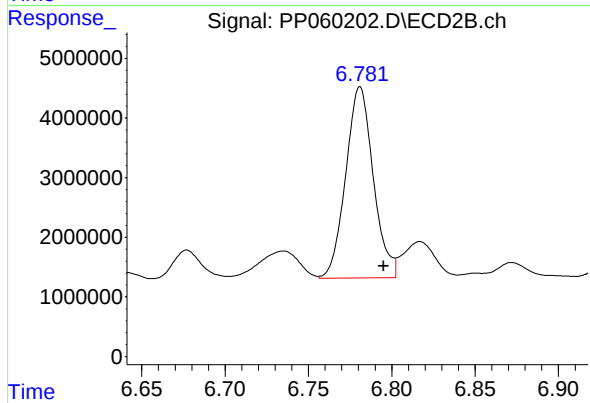
#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: -0.012 min
Response: 6534477
Conc: 77.63 ng/ml



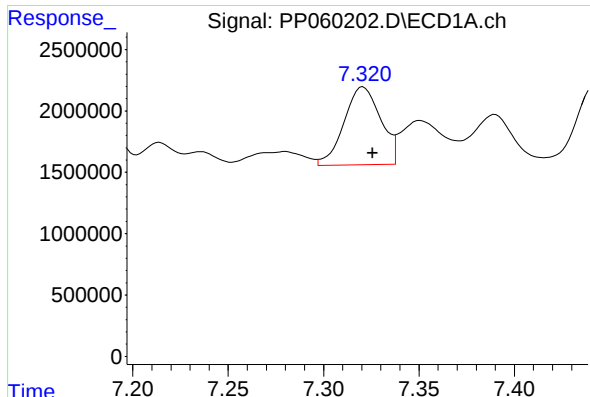
#30 AR-1254-5

R.T.: 7.884 min
Delta R.T.: 0.013 min
Response: 44360795
Conc: 456.03 ng/ml



#30 AR-1254-5

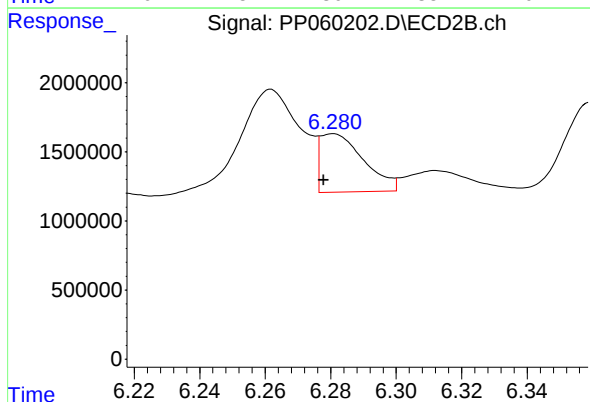
R.T.: 6.781 min
Delta R.T.: -0.014 min
Response: 36830171
Conc: 310.49 ng/ml



#31 AR-1260-1

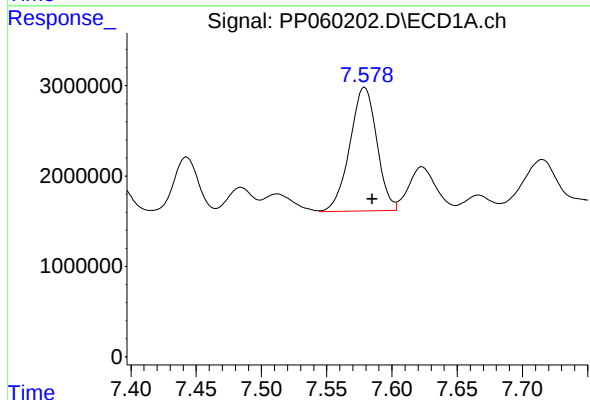
R.T.: 7.321 min
Delta R.T.: -0.005 min
Response: 8506541
Conc: 94.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



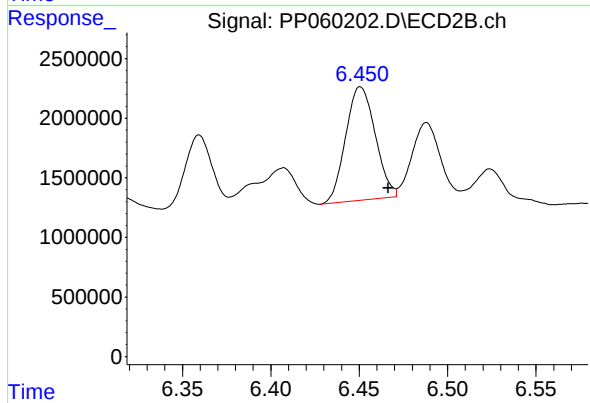
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: 0.003 min
Response: 3913556
Conc: 42.03 ng/ml



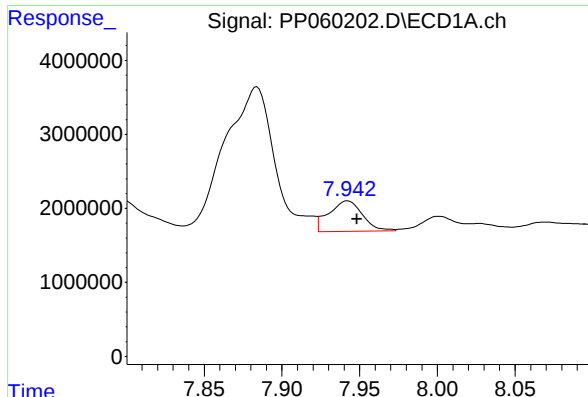
#32 AR-1260-2

R.T.: 7.579 min
Delta R.T.: -0.006 min
Response: 19685670
Conc: 191.89 ng/ml



#32 AR-1260-2

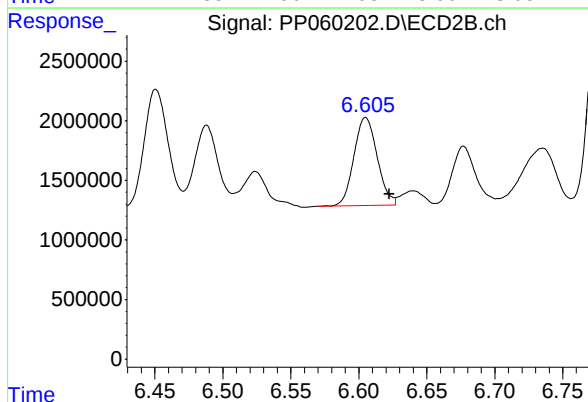
R.T.: 6.451 min
Delta R.T.: -0.016 min
Response: 11096303
Conc: 101.21 ng/ml



#33 AR-1260-3

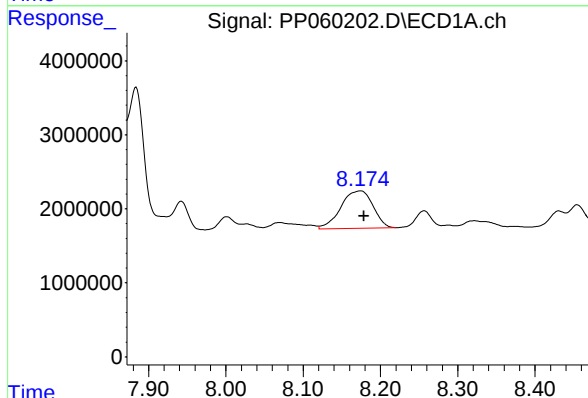
R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 6245917
Conc: 79.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



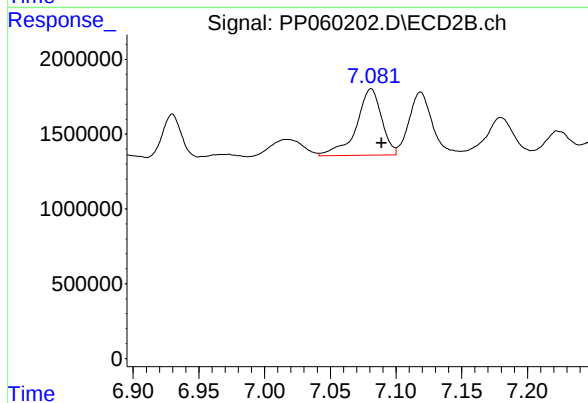
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.017 min
Response: 8829189
Conc: 85.84 ng/ml



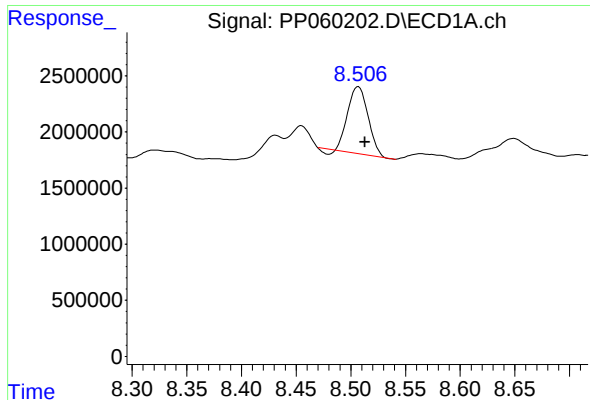
#34 AR-1260-4

R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 14608298
Conc: 163.00 ng/ml



#34 AR-1260-4

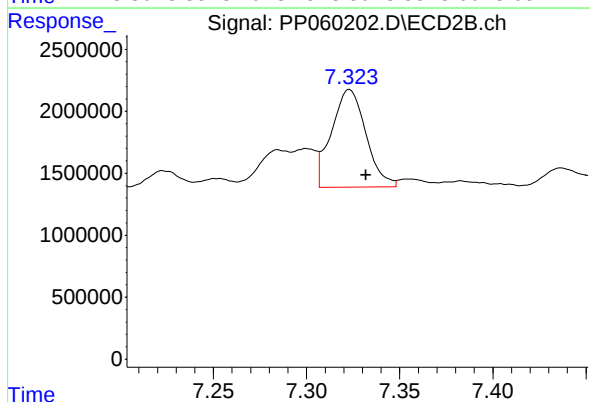
R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 5921172
Conc: 71.10 ng/ml



#35 AR-1260-5

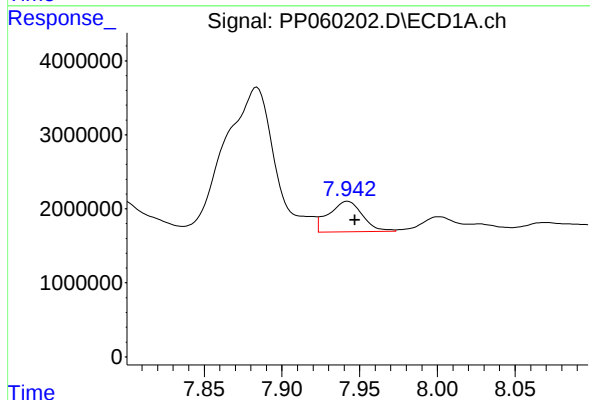
R.T.: 8.507 min
Delta R.T.: -0.006 min
Response: 7561856
Conc: 44.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



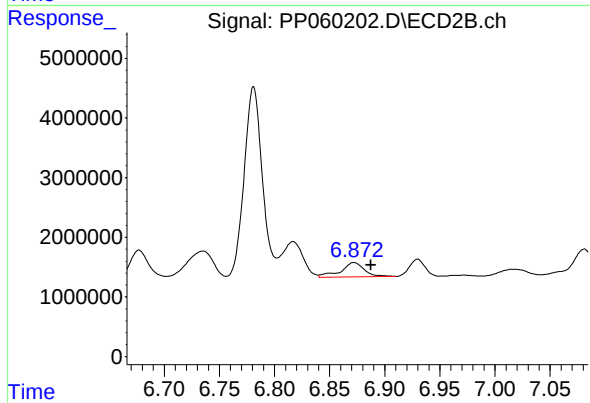
#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.009 min
Response: 10141968
Conc: 52.71 ng/ml



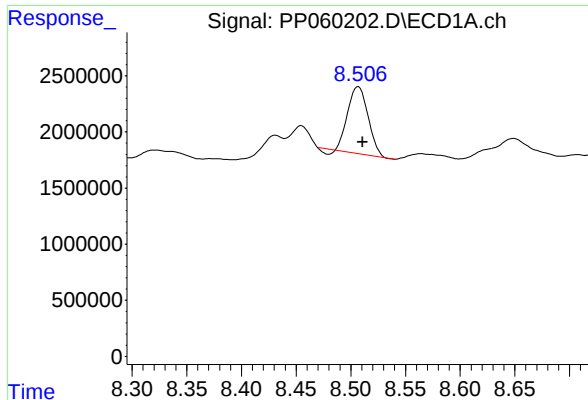
#36 AR-1262-1

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 6245917
Conc: 53.97 ng/ml



#36 AR-1262-1

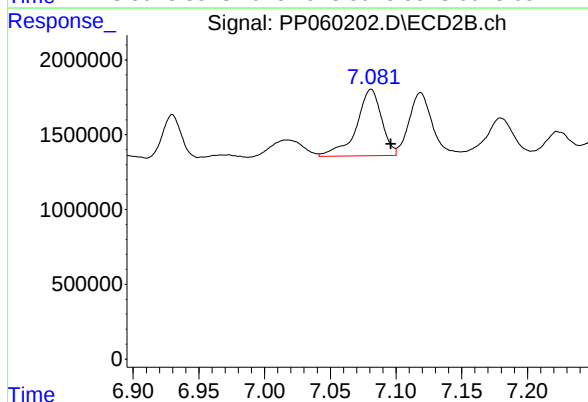
R.T.: 6.872 min
Delta R.T.: -0.015 min
Response: 3607636
Conc: 71.48 ng/ml



#37 AR-1262-2

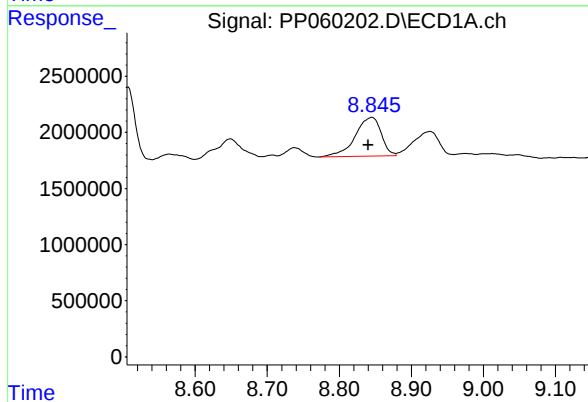
R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 7561856
Conc: 37.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



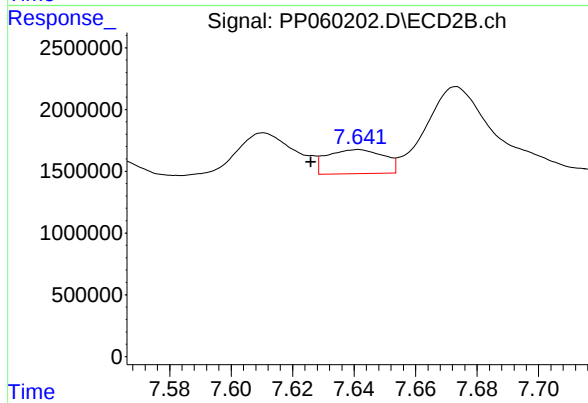
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: -0.015 min
Response: 5921172
Conc: 52.41 ng/ml



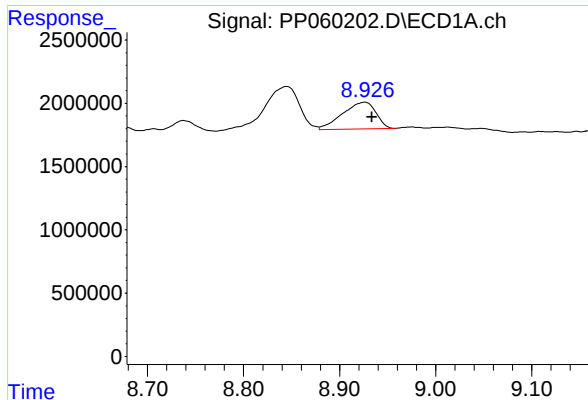
#38 AR-1262-3

R.T.: 8.845 min
Delta R.T.: 0.005 min
Response: 8718660
Conc: 60.55 ng/ml



#38 AR-1262-3

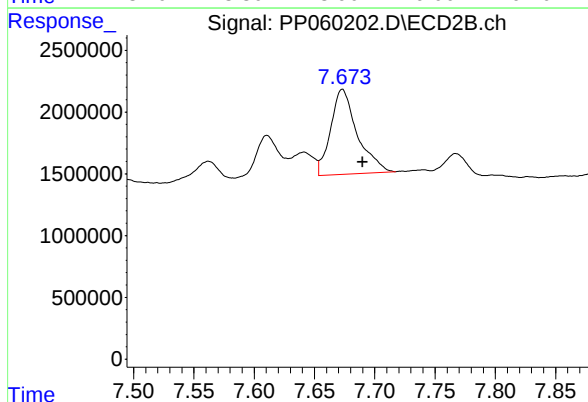
R.T.: 7.641 min
Delta R.T.: 0.015 min
Response: 2502971
Conc: 28.56 ng/ml



#39 AR-1262-4

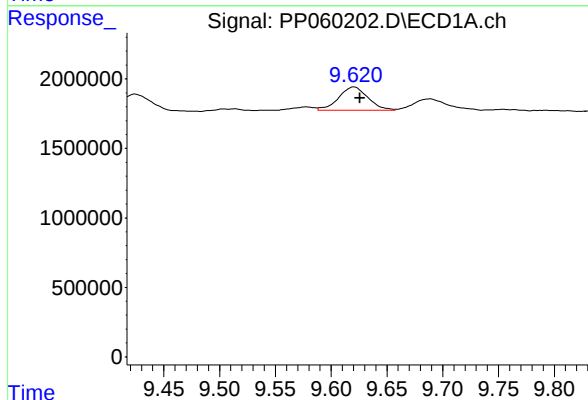
R.T.: 8.926 min
Delta R.T.: -0.008 min
Response: 5059631
Conc: 44.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



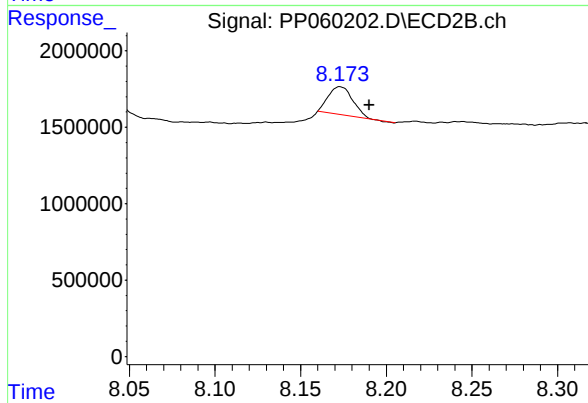
#39 AR-1262-4

R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 10579171
Conc: 64.78 ng/ml



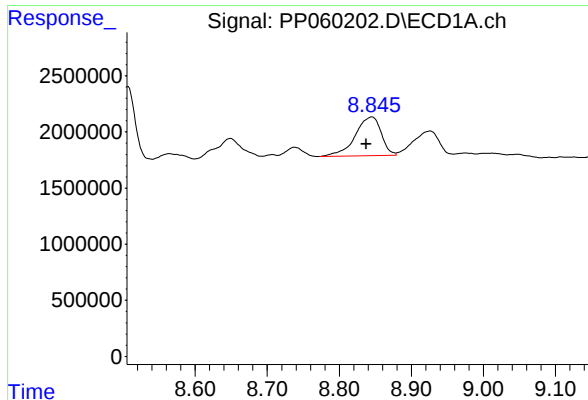
#40 AR-1262-5

R.T.: 9.620 min
Delta R.T.: -0.005 min
Response: 3087976
Conc: 41.39 ng/ml



#40 AR-1262-5

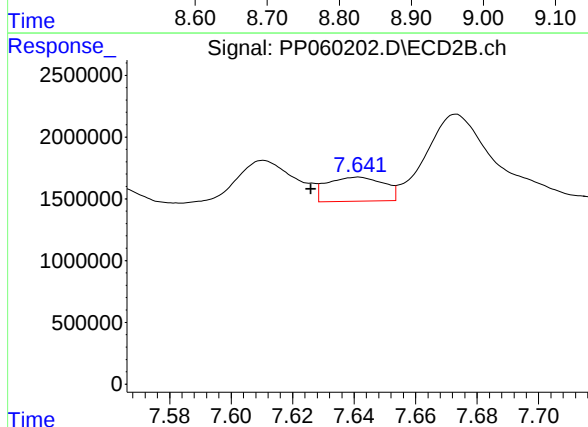
R.T.: 8.173 min
Delta R.T.: -0.017 min
Response: 1822220
Conc: 24.41 ng/ml



#41 AR-1268-1

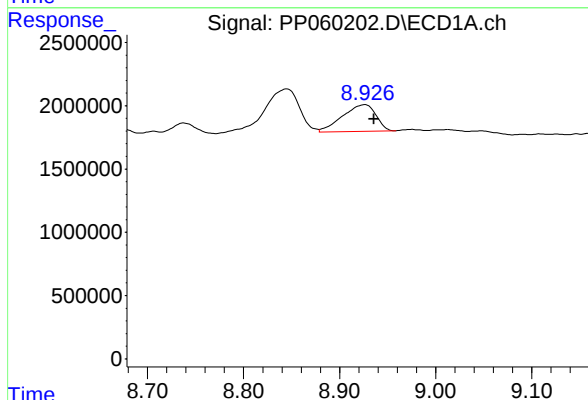
R.T.: 8.845 min
Delta R.T.: 0.007 min
Response: 8718660
Conc: 34.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



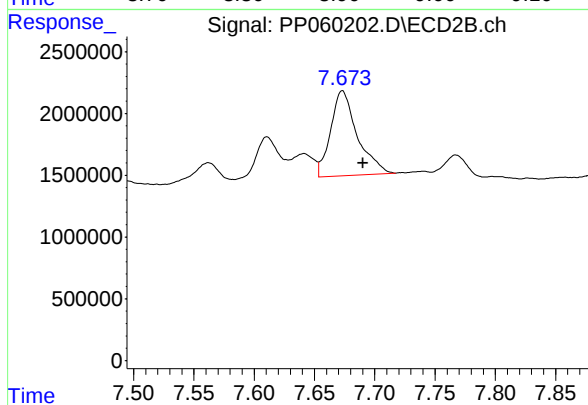
#41 AR-1268-1

R.T.: 7.641 min
Delta R.T.: 0.015 min
Response: 2502971
Conc: 9.61 ng/ml



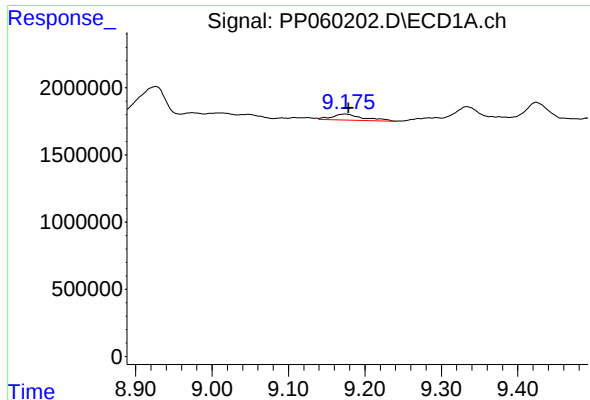
#42 AR-1268-2

R.T.: 8.926 min
Delta R.T.: -0.010 min
Response: 5059631
Conc: 22.05 ng/ml



#42 AR-1268-2

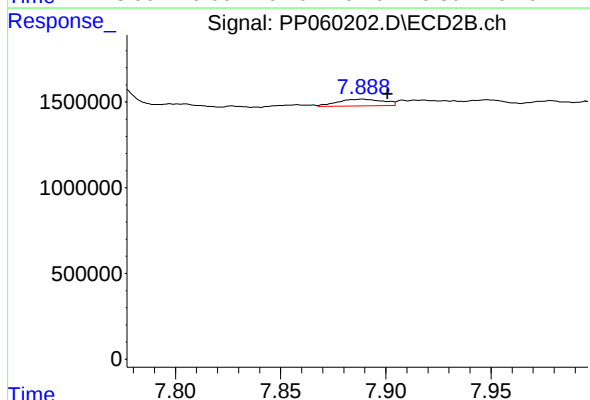
R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 10579171
Conc: 45.76 ng/ml



#43 AR-1268-3

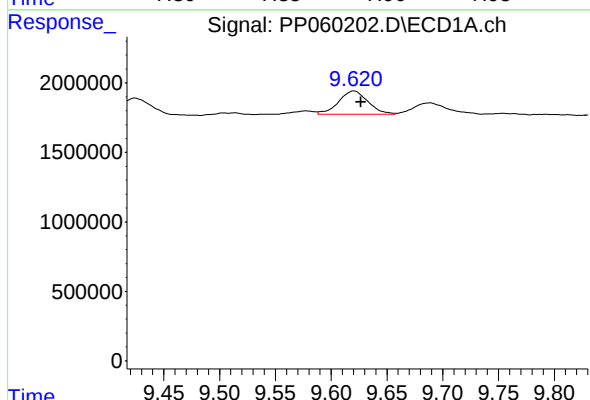
R.T.: 9.174 min
Delta R.T.: -0.005 min
Response: 1274342
Conc: 6.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



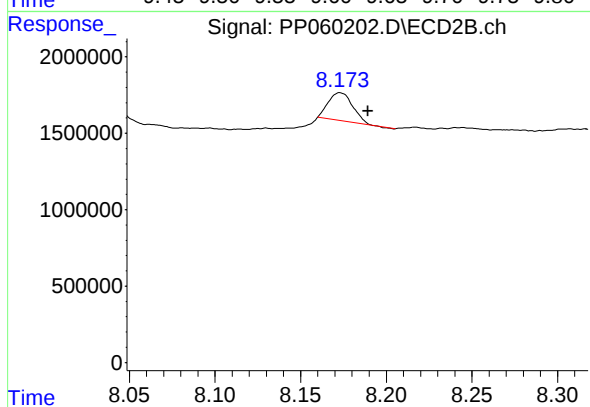
#43 AR-1268-3

R.T.: 7.889 min
Delta R.T.: -0.012 min
Response: 593079
Conc: 2.90 ng/ml



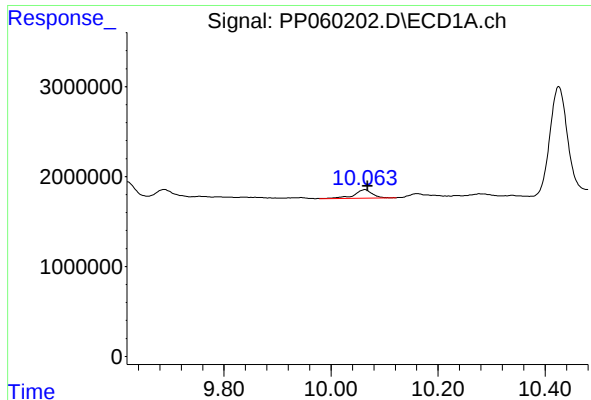
#44 AR-1268-4

R.T.: 9.620 min
Delta R.T.: -0.006 min
Response: 3087976
Conc: 37.28 ng/ml



#44 AR-1268-4

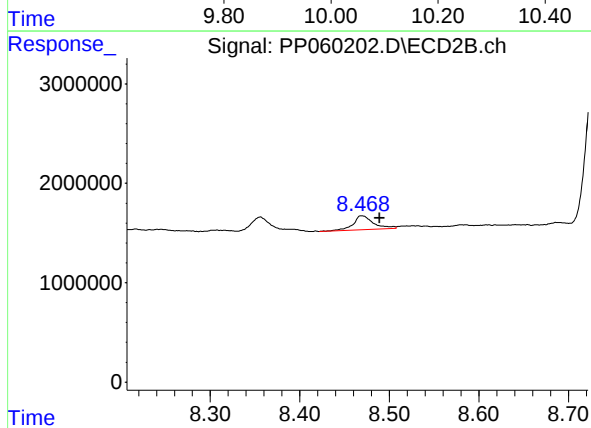
R.T.: 8.173 min
Delta R.T.: -0.016 min
Response: 1822220
Conc: 22.57 ng/ml



#45 AR-1268-5

R.T.: 10.063 min
Delta R.T.: -0.006 min
Response: 2237913
Conc: 3.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.469 min
Delta R.T.: -0.020 min
Response: 2236938
Conc: 3.54 ng/ml