

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059979.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 00:29
 Operator : YP\AJ
 Sample : 04457-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:44:37 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	3.666	46209321	32943769	22.213	20.225
2)	SA Decachlor...	10.427	8.745	39170065	35667196	25.680	23.556
Target Compounds							
3)	L1 AR-1016-1	5.696	4.768	82691539	66976758	1225.513	1114.132
4)	L1 AR-1016-2	5.719	4.788	136.3E6	111.4E6	1425.316	1342.070
5)	L1 AR-1016-3	5.783	4.965	86860710	62270914	1459.280	1388.148
6)	L1 AR-1016-4	5.882	5.009	74784785	32445668	1527.274	919.691 #
7)	L1 AR-1016-5	6.182	5.224	60638011	51150605	1233.285	1100.095
8)	L2 AR-1221-1	4.717	3.885	7345142	6324144	276.308	287.921
9)	L2 AR-1221-2	4.806	3.971	8284832	6757812	420.912	437.713
10)	L2 AR-1221-3	4.884	4.048	35717242	27818620	625.315	593.107
11)	L3 AR-1232-1	4.884	4.048	35717242	27818620	765.565	731.808
12)	L3 AR-1232-2	5.425	4.788	45692879	111.4E6	1799.022	3021.014 #
13)	L3 AR-1232-3	5.719	4.965	136.3E6	62270914	3155.944	3109.892
14)	L3 AR-1232-4	5.882	5.051	74784785	44508372	3383.487	2436.607 #
15)	L3 AR-1232-5	5.974	5.224	48892376	51150605	2665.108	2551.245
16)	L4 AR-1242-1	5.696	4.768	82691539	66976758	1384.522	1271.846
17)	L4 AR-1242-2	5.719	4.788	136.3E6	111.4E6	1622.465	1545.929
18)	L4 AR-1242-3	5.783	4.965	86860710	62270914	1660.769	1591.238
19)	L4 AR-1242-4	5.882	5.051	74784785	44508372	1735.466	1135.723 #
20)	L4 AR-1242-5	6.629	5.579	38390379	33802083	839.694	698.679
21)	L5 AR-1248-1	5.696	4.768	82691539	66976758	1850.060	1714.158
22)	L5 AR-1248-2	5.974	5.009	48892376	32445668	754.933	598.810
23)	L5 AR-1248-3	6.182	5.051	60638011	44508372	856.197	782.225
24)	L5 AR-1248-4	6.590	5.224	33886417	51150605	438.125	761.585 #
25)	L5 AR-1248-5	6.629	5.621	38390379	25008151	510.237	379.119 #
26)	L6 AR-1254-1	6.562	5.579	27541900	33802083	344.979	336.819
27)	L6 AR-1254-2	6.789	5.729	29800788	8776539	248.812	101.023 #
28)	L6 AR-1254-3	7.155	6.137	13599130	12250028	111.945	87.250
29)	L6 AR-1254-4	7.444	6.367	8174262	6780708	91.917	80.554
30)	L6 AR-1254-5	7.868	6.789	6289497	6798780	64.657	57.317
31)	L7 AR-1260-1	7.322	6.281	3466099	7145746	38.453	76.740 #
32)	L7 AR-1260-2	7.581	6.458	5201548	2986774	50.703	27.242 #
33)	L7 AR-1260-3	7.943	6.612	1111268	3005460	14.110	29.221 #
34)	L7 AR-1260-4	8.161	7.089	4105497	953384	45.810	11.447 #
35)	L7 AR-1260-5	8.509	7.331	844738	1751848	4.950	9.105 #
36)	L8 AR-1262-1	7.943	6.882	1111268	353145	9.602	6.997 #
37)	L8 AR-1262-2	8.509	7.089	844738	953384	4.220	8.439 #
38)	L8 AR-1262-3	8.851	7.621	1541104	508725	10.702	5.804 #
39)	L8 AR-1262-4	8.920	7.682	1332346	1529414	11.733	9.365
41)	L9 AR-1268-1	8.851	7.621	1541104	508725	6.146	1.954 #
42)	L9 AR-1268-2	8.920f	7.682	1332346	1529414	5.805	6.615

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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
43) L9	AR-1268-3	0.000	7.900	0	203237	N.D.	0.995 #
45) L9	AR-1268-5	0.000	8.485	0	376521	N.D.	0.596 #

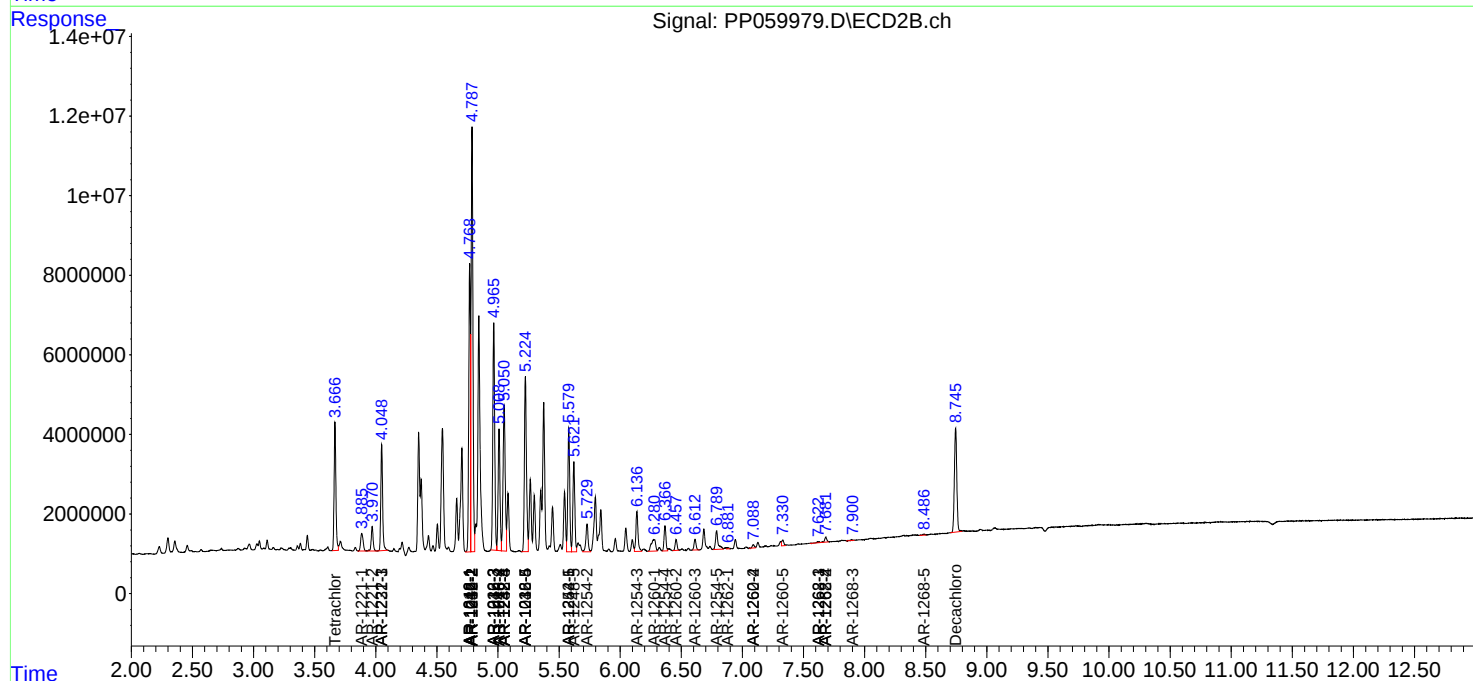
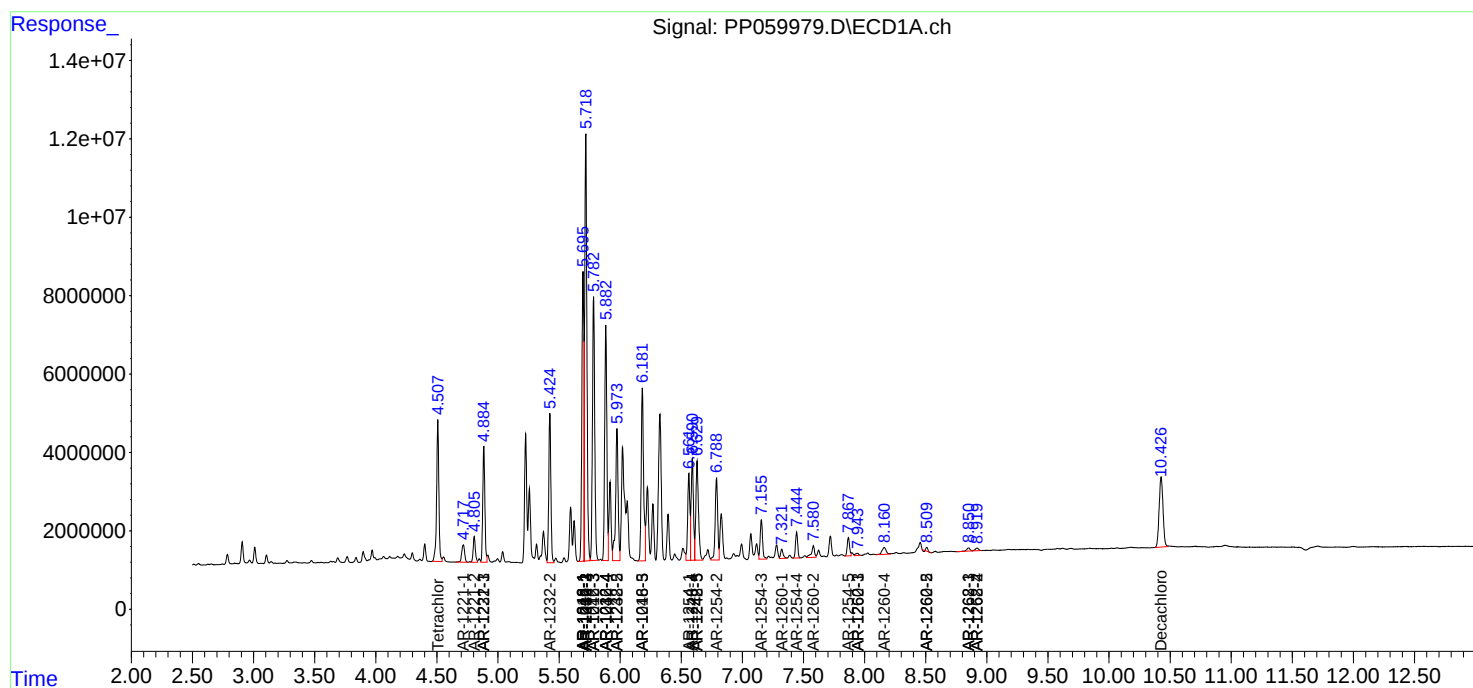
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

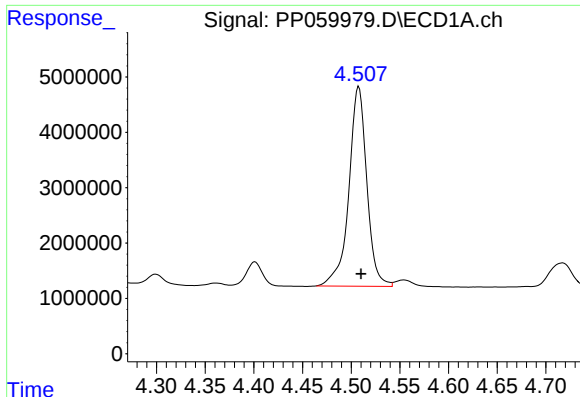
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

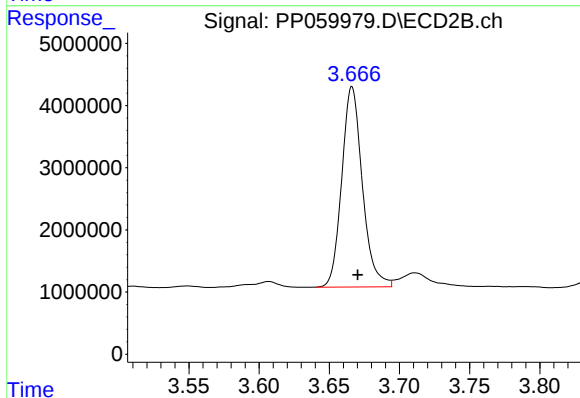




#1 Tetrachloro-m-xylene

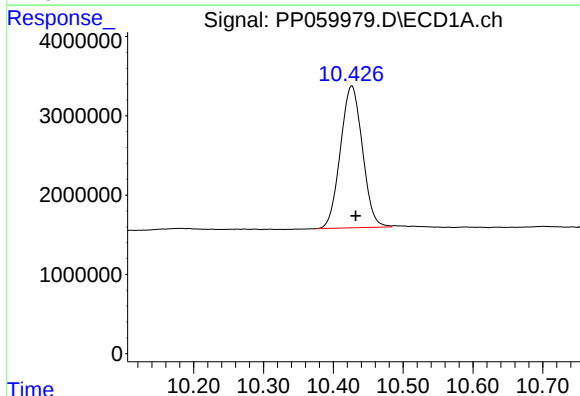
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 46209321
Conc: 22.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



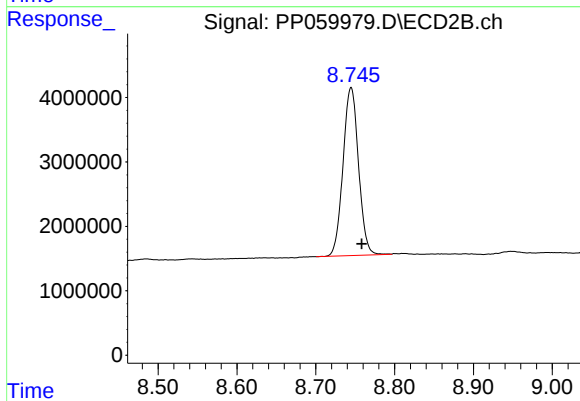
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.004 min
Response: 32943769
Conc: 20.22 ng/ml



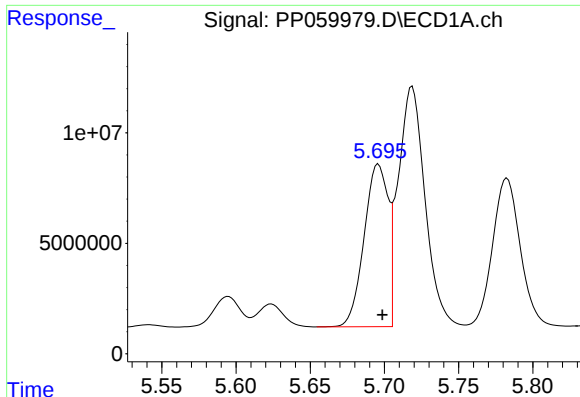
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.005 min
Response: 39170065
Conc: 25.68 ng/ml



#2 Decachlorobiphenyl

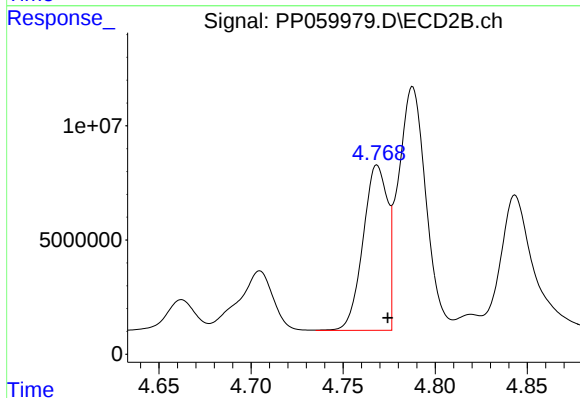
R.T.: 8.745 min
Delta R.T.: -0.013 min
Response: 35667196
Conc: 23.56 ng/ml



#3 AR-1016-1

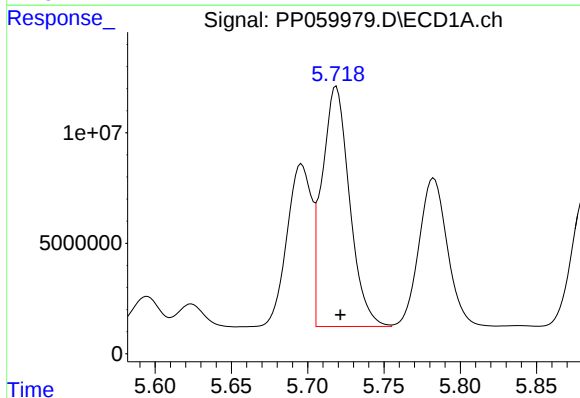
R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 82691539
Conc: 1225.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



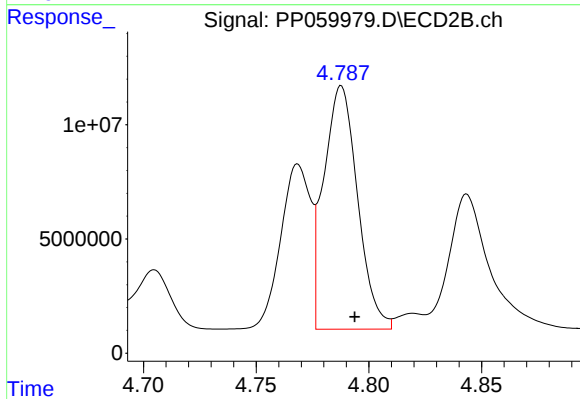
#3 AR-1016-1

R.T.: 4.768 min
Delta R.T.: -0.006 min
Response: 66976758
Conc: 1114.13 ng/ml



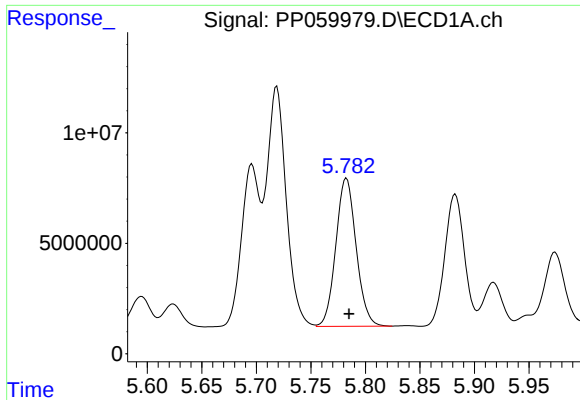
#4 AR-1016-2

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 136347315
Conc: 1425.32 ng/ml



#4 AR-1016-2

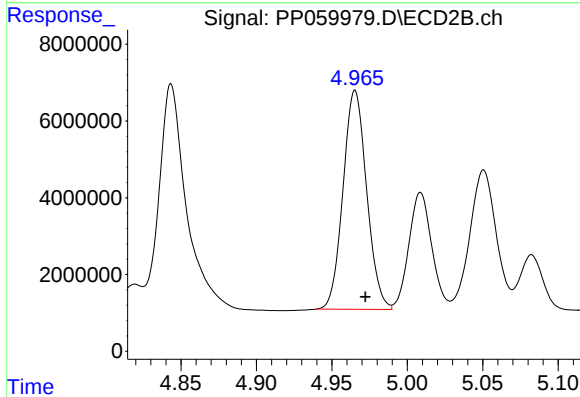
R.T.: 4.788 min
Delta R.T.: -0.006 min
Response: 111394225
Conc: 1342.07 ng/ml



#5 AR-1016-3

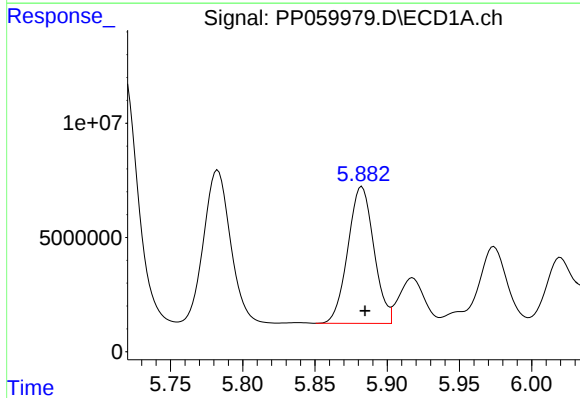
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 86860710
Conc: 1459.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



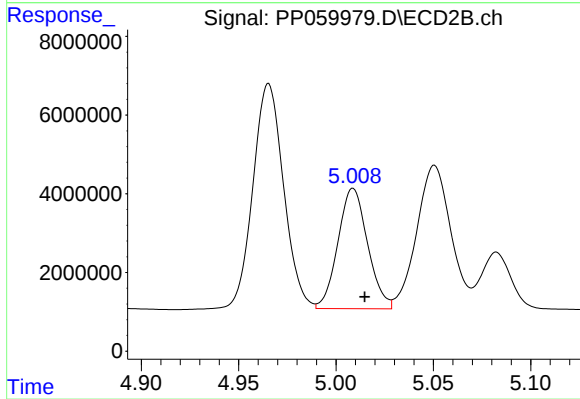
#5 AR-1016-3

R.T.: 4.965 min
Delta R.T.: -0.007 min
Response: 62270914
Conc: 1388.15 ng/ml



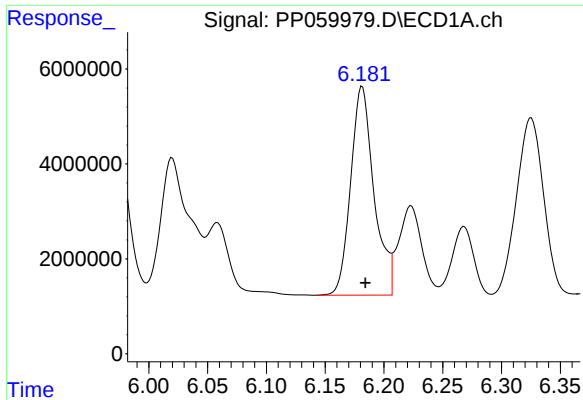
#6 AR-1016-4

R.T.: 5.882 min
Delta R.T.: -0.002 min
Response: 74784785
Conc: 1527.27 ng/ml



#6 AR-1016-4

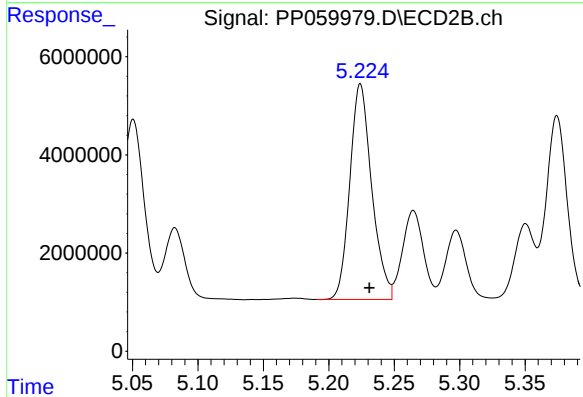
R.T.: 5.009 min
Delta R.T.: -0.006 min
Response: 32445668
Conc: 919.69 ng/ml



#7 AR-1016-5

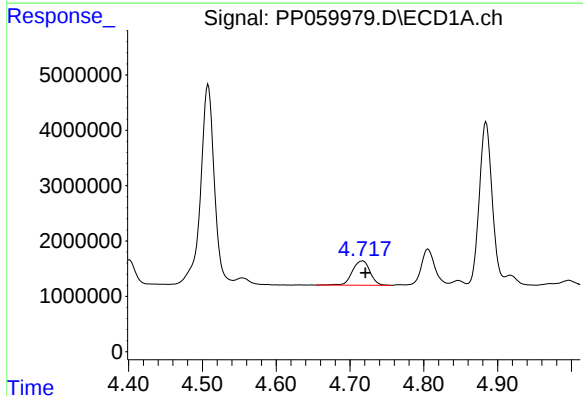
R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 60638011
Conc: 1233.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



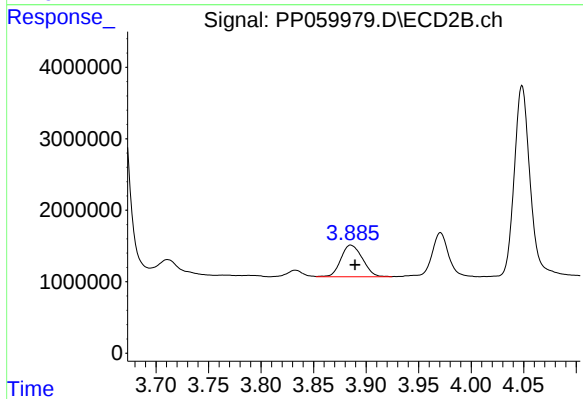
#7 AR-1016-5

R.T.: 5.224 min
Delta R.T.: -0.007 min
Response: 51150605
Conc: 1100.10 ng/ml



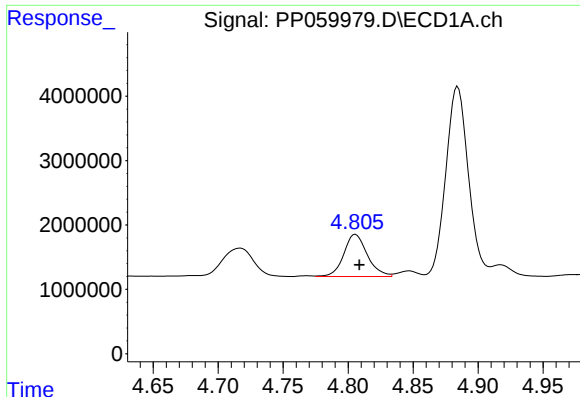
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 7345142
Conc: 276.31 ng/ml



#8 AR-1221-1

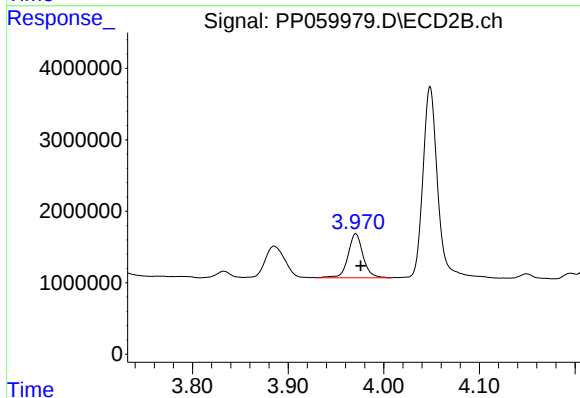
R.T.: 3.885 min
Delta R.T.: -0.004 min
Response: 6324144
Conc: 287.92 ng/ml



#9 AR-1221-2

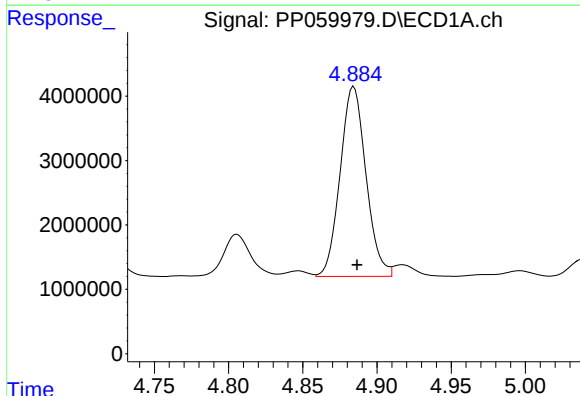
R.T.: 4.806 min
Delta R.T.: -0.003 min
Response: 8284832
Conc: 420.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



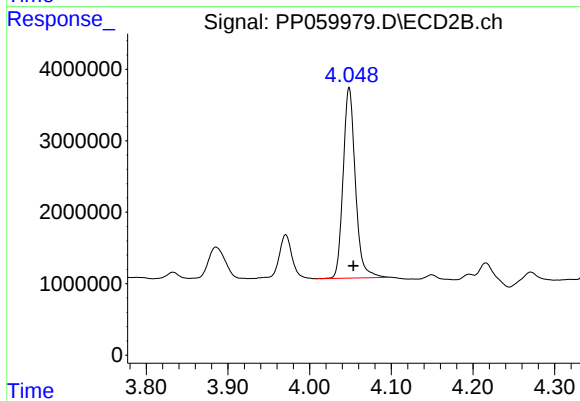
#9 AR-1221-2

R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 6757812
Conc: 437.71 ng/ml



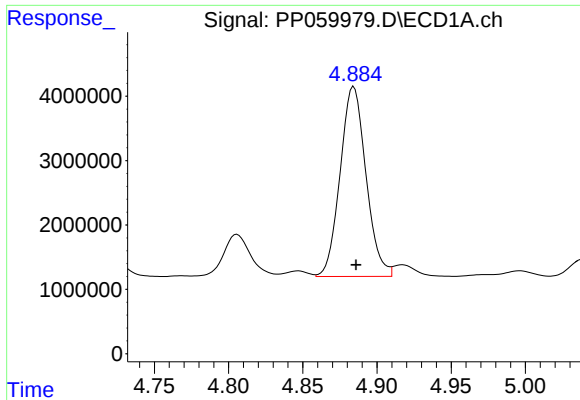
#10 AR-1221-3

R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 35717242
Conc: 625.31 ng/ml



#10 AR-1221-3

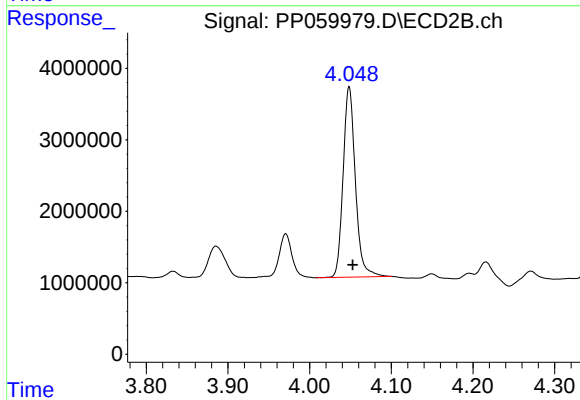
R.T.: 4.048 min
Delta R.T.: -0.005 min
Response: 27818620
Conc: 593.11 ng/ml



#11 AR-1232-1

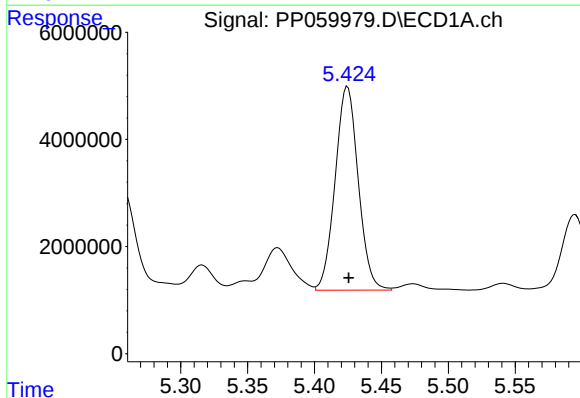
R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 35717242
Conc: 765.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



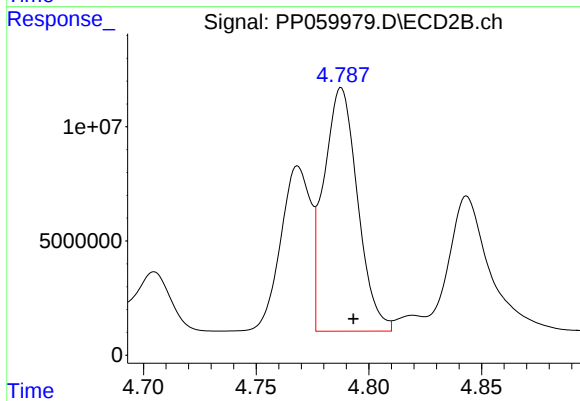
#11 AR-1232-1

R.T.: 4.048 min
Delta R.T.: -0.004 min
Response: 27818620
Conc: 731.81 ng/ml



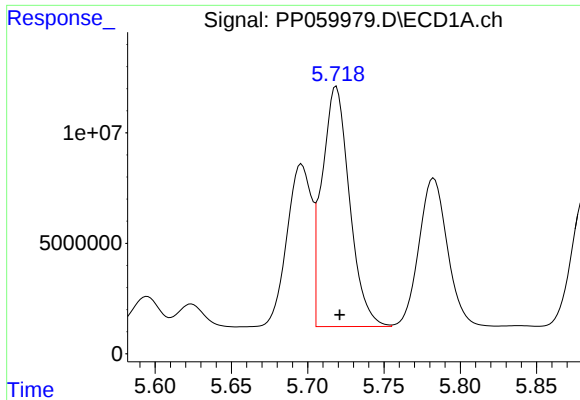
#12 AR-1232-2

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 45692879
Conc: 1799.02 ng/ml



#12 AR-1232-2

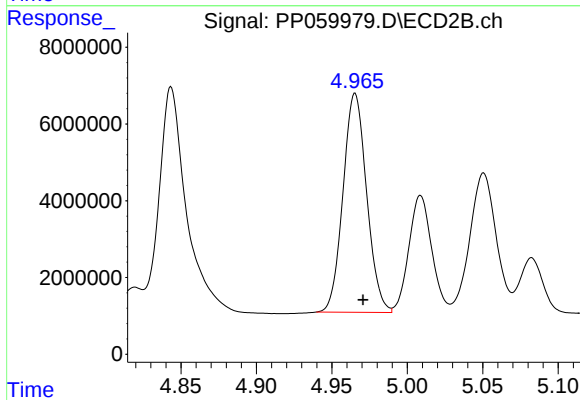
R.T.: 4.788 min
Delta R.T.: -0.005 min
Response: 111394225
Conc: 3021.01 ng/ml



#13 AR-1232-3

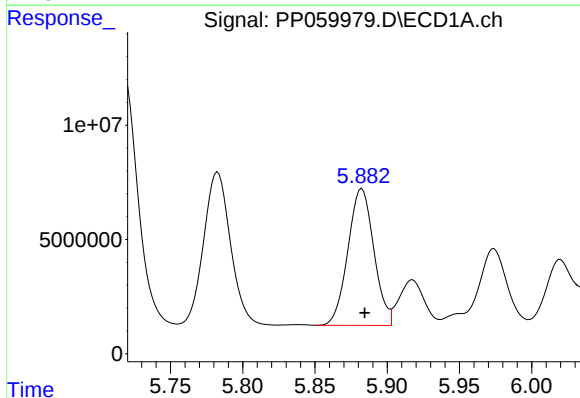
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 136347315
Conc: 3155.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



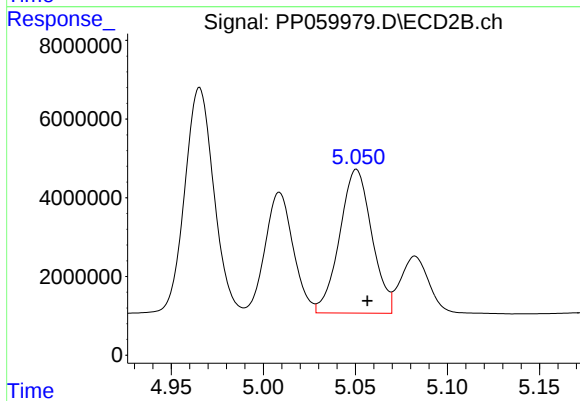
#13 AR-1232-3

R.T.: 4.965 min
Delta R.T.: -0.005 min
Response: 62270914
Conc: 3109.89 ng/ml



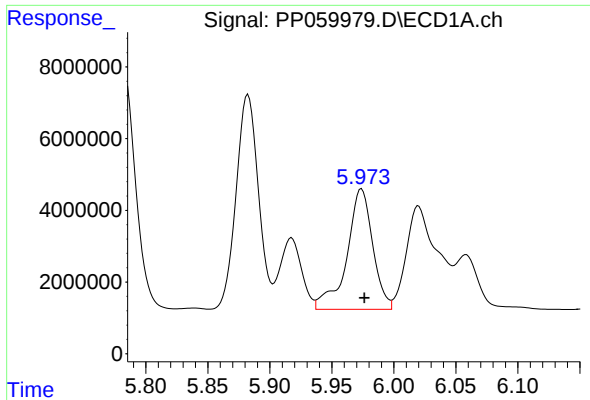
#14 AR-1232-4

R.T.: 5.882 min
Delta R.T.: -0.002 min
Response: 74784785
Conc: 3383.49 ng/ml



#14 AR-1232-4

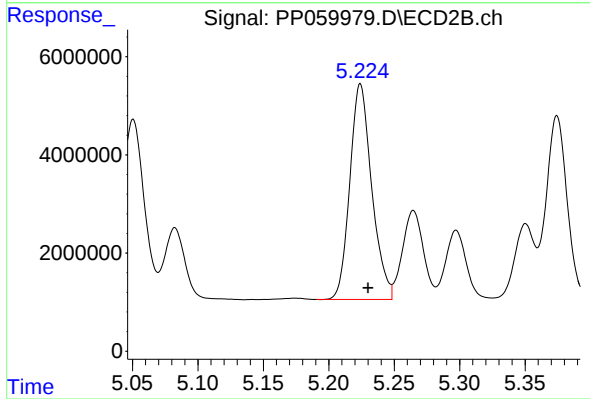
R.T.: 5.051 min
Delta R.T.: -0.006 min
Response: 44508372
Conc: 2436.61 ng/ml



#15 AR-1232-5

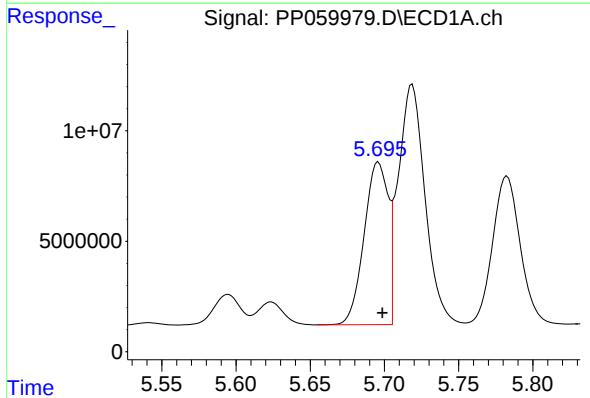
R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 48892376
Conc: 2665.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



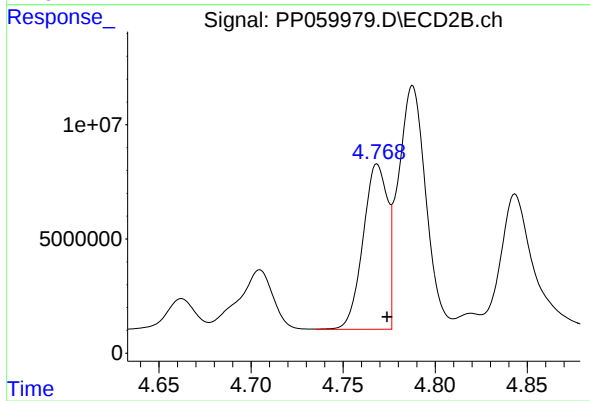
#15 AR-1232-5

R.T.: 5.224 min
Delta R.T.: -0.006 min
Response: 51150605
Conc: 2551.24 ng/ml



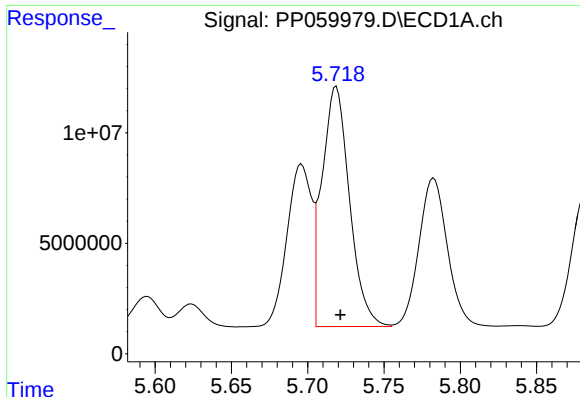
#16 AR-1242-1

R.T.: 5.696 min
Delta R.T.: -0.003 min
Response: 82691539
Conc: 1384.52 ng/ml



#16 AR-1242-1

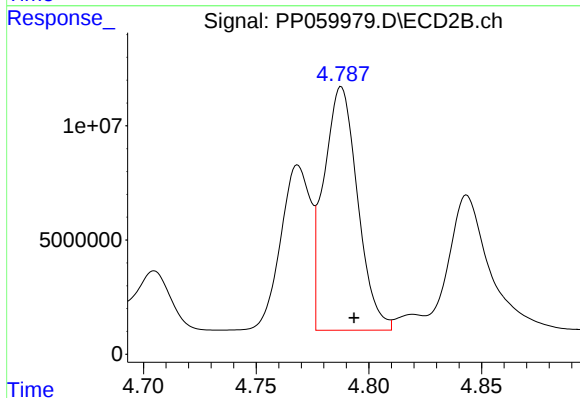
R.T.: 4.768 min
Delta R.T.: -0.006 min
Response: 66976758
Conc: 1271.85 ng/ml



#17 AR-1242-2

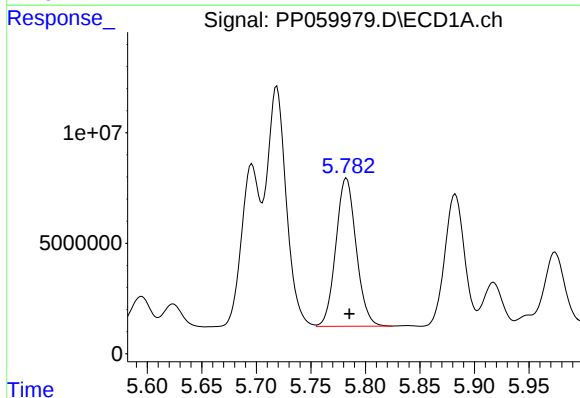
R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 136347315
Conc: 1622.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



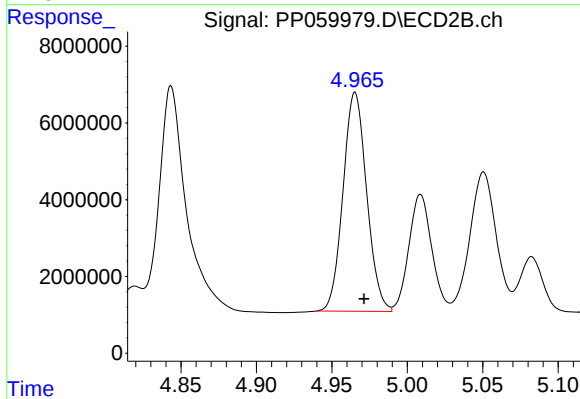
#17 AR-1242-2

R.T.: 4.788 min
Delta R.T.: -0.006 min
Response: 111394225
Conc: 1545.93 ng/ml



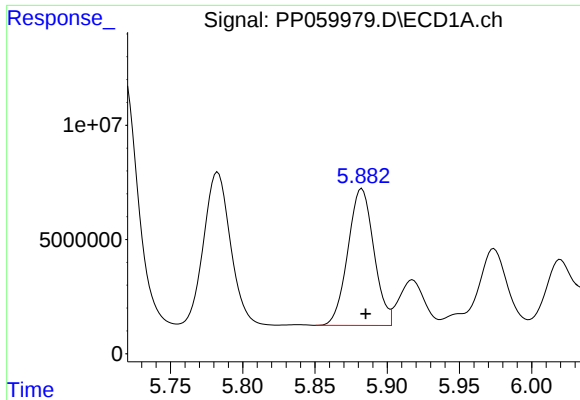
#18 AR-1242-3

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 86860710
Conc: 1660.77 ng/ml



#18 AR-1242-3

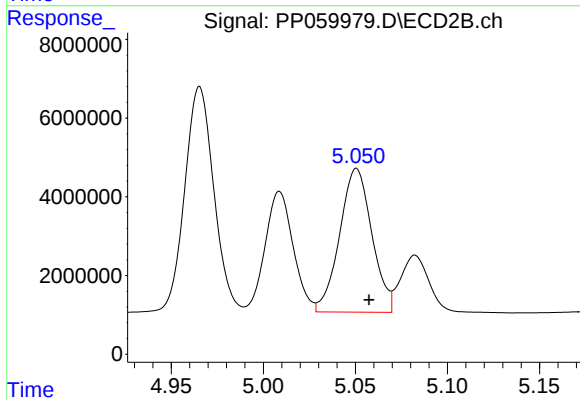
R.T.: 4.965 min
Delta R.T.: -0.006 min
Response: 62270914
Conc: 1591.24 ng/ml



#19 AR-1242-4

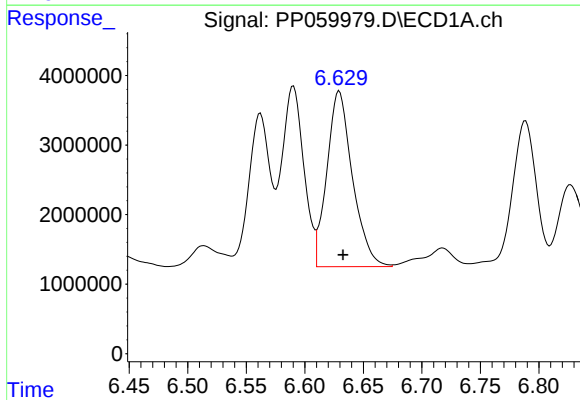
R.T.: 5.882 min
Delta R.T.: -0.003 min
Response: 74784785
Conc: 1735.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



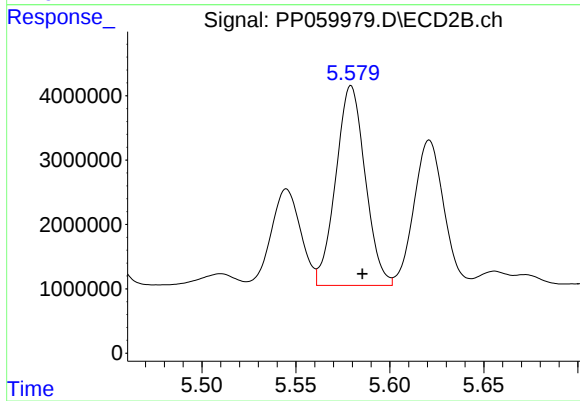
#19 AR-1242-4

R.T.: 5.051 min
Delta R.T.: -0.007 min
Response: 44508372
Conc: 1135.72 ng/ml



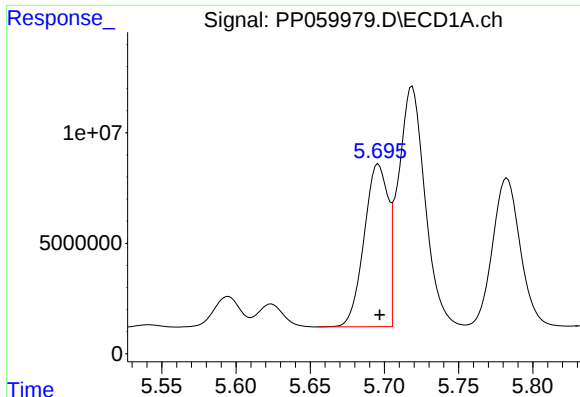
#20 AR-1242-5

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 38390379
Conc: 839.69 ng/ml



#20 AR-1242-5

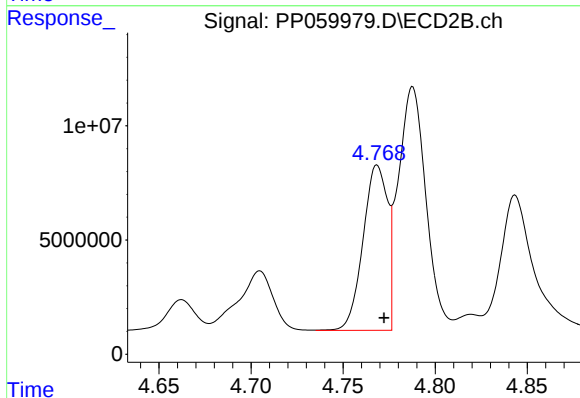
R.T.: 5.579 min
Delta R.T.: -0.006 min
Response: 33802083
Conc: 698.68 ng/ml



#21 AR-1248-1

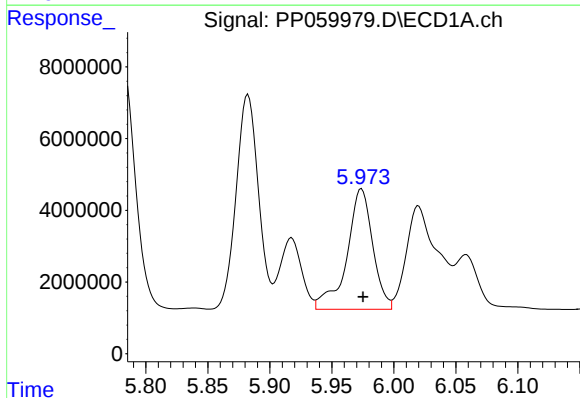
R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 82691539
Conc: 1850.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



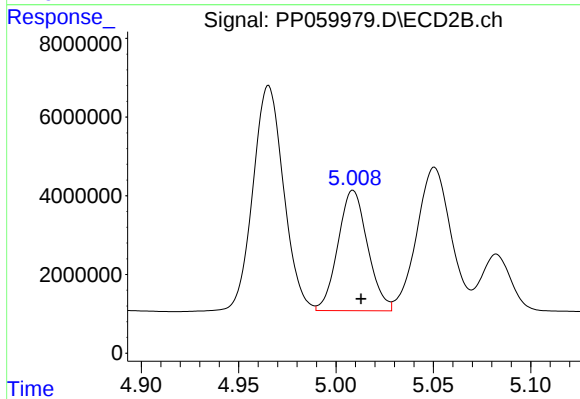
#21 AR-1248-1

R.T.: 4.768 min
Delta R.T.: -0.004 min
Response: 66976758
Conc: 1714.16 ng/ml



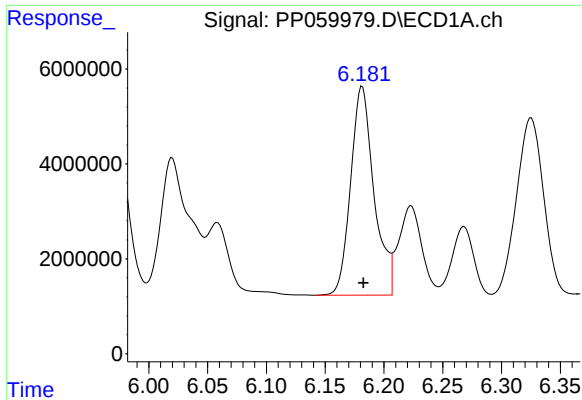
#22 AR-1248-2

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 48892376
Conc: 754.93 ng/ml



#22 AR-1248-2

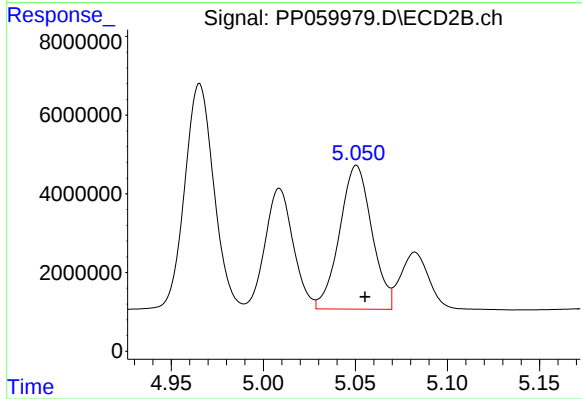
R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 32445668
Conc: 598.81 ng/ml



#23 AR-1248-3

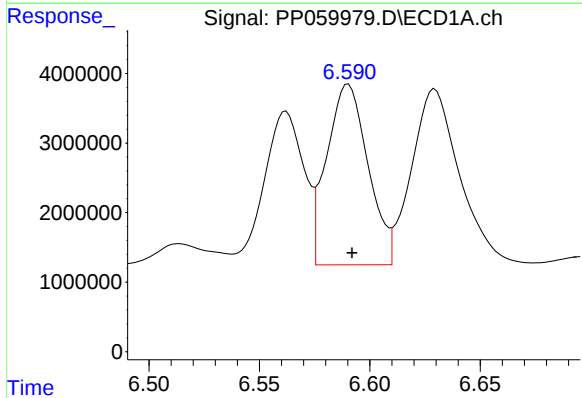
R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 60638011
Conc: 856.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



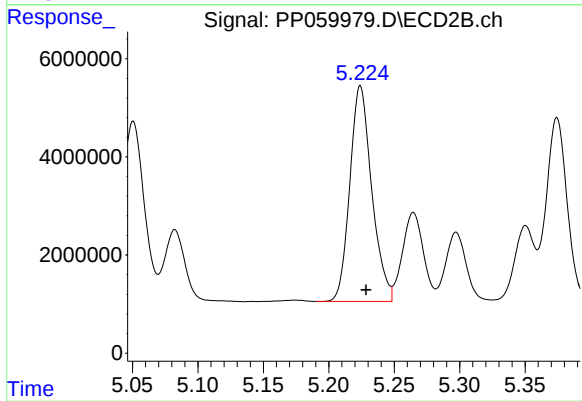
#23 AR-1248-3

R.T.: 5.051 min
Delta R.T.: -0.005 min
Response: 44508372
Conc: 782.23 ng/ml



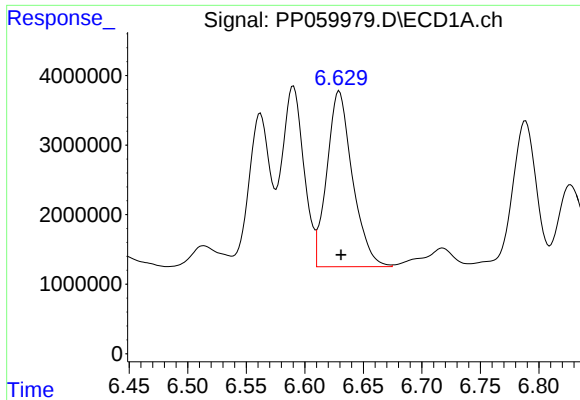
#24 AR-1248-4

R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 33886417
Conc: 438.13 ng/ml



#24 AR-1248-4

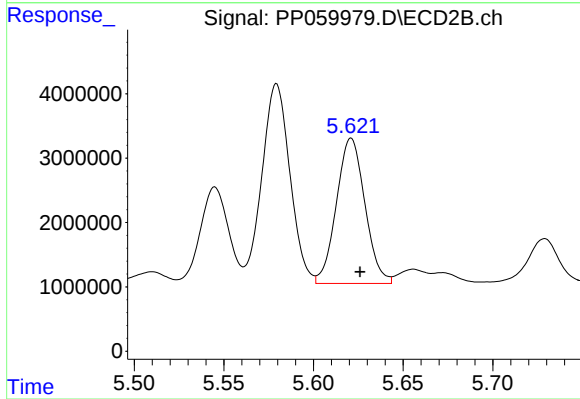
R.T.: 5.224 min
Delta R.T.: -0.004 min
Response: 51150605
Conc: 761.59 ng/ml



#25 AR-1248-5

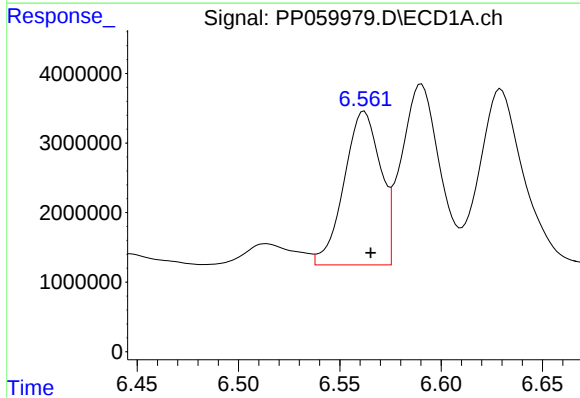
R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 38390379
Conc: 510.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



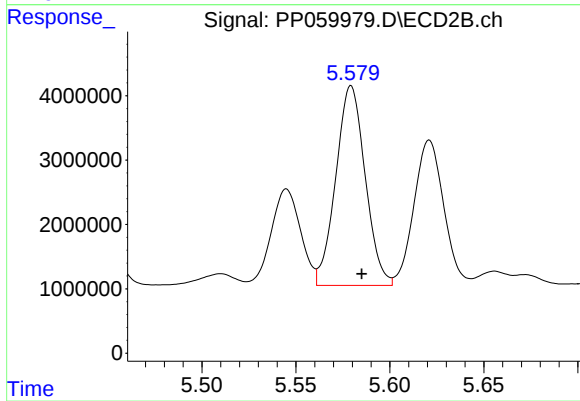
#25 AR-1248-5

R.T.: 5.621 min
Delta R.T.: -0.005 min
Response: 25008151
Conc: 379.12 ng/ml



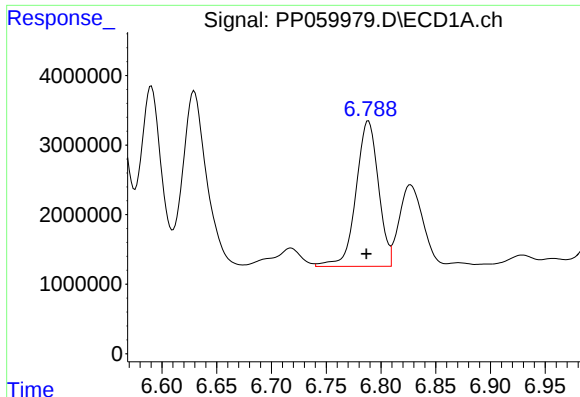
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: -0.003 min
Response: 27541900
Conc: 344.98 ng/ml



#26 AR-1254-1

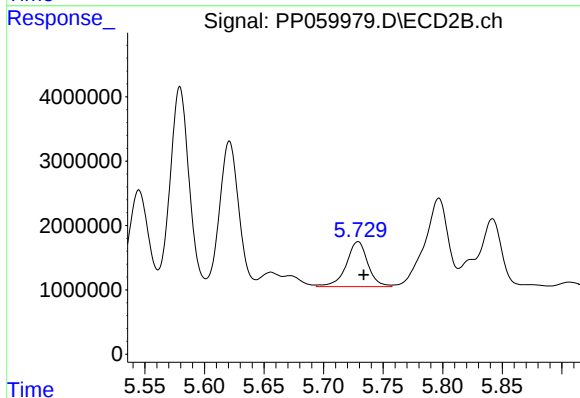
R.T.: 5.579 min
Delta R.T.: -0.006 min
Response: 33802083
Conc: 336.82 ng/ml



#27 AR-1254-2

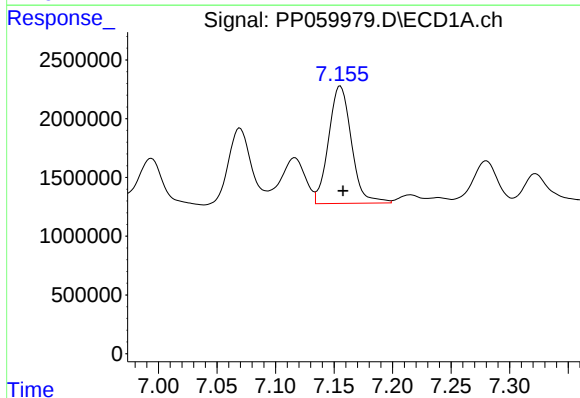
R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 29800788
Conc: 248.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



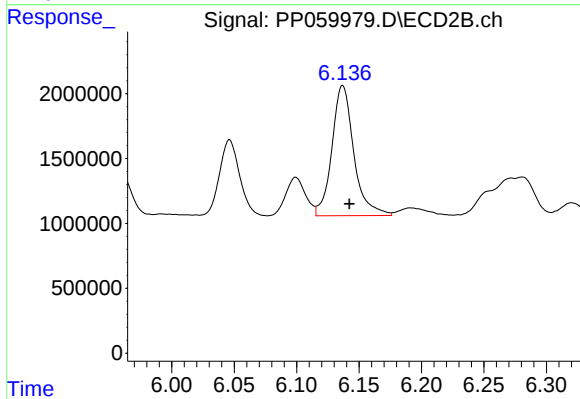
#27 AR-1254-2

R.T.: 5.729 min
Delta R.T.: -0.005 min
Response: 8776539
Conc: 101.02 ng/ml



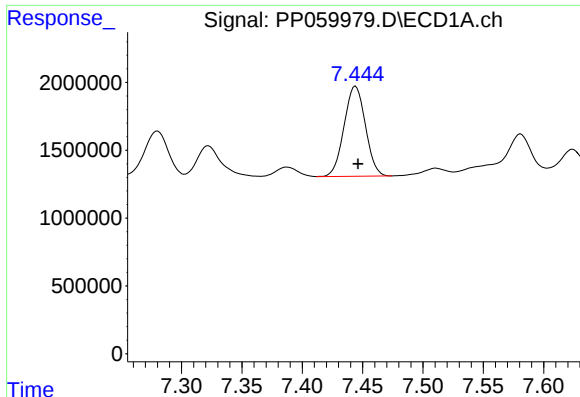
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 13599130
Conc: 111.94 ng/ml



#28 AR-1254-3

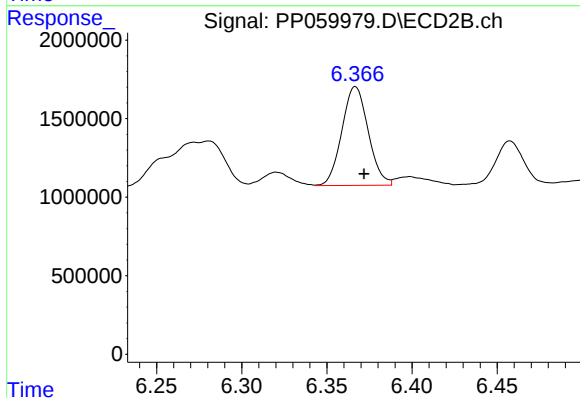
R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 12250028
Conc: 87.25 ng/ml



#29 AR-1254-4

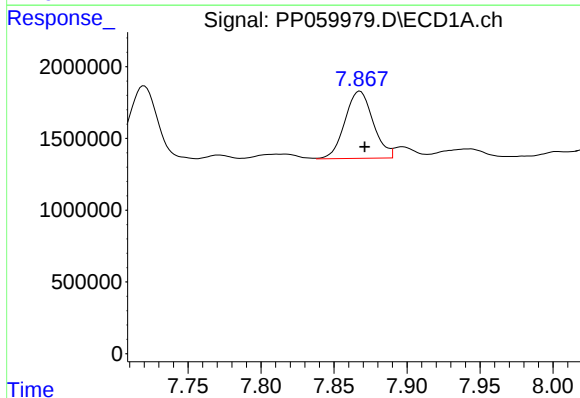
R.T.: 7.444 min
Delta R.T.: -0.002 min
Response: 8174262
Conc: 91.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



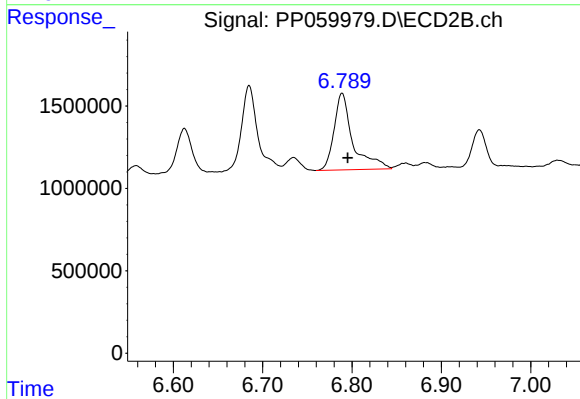
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 6780708
Conc: 80.55 ng/ml



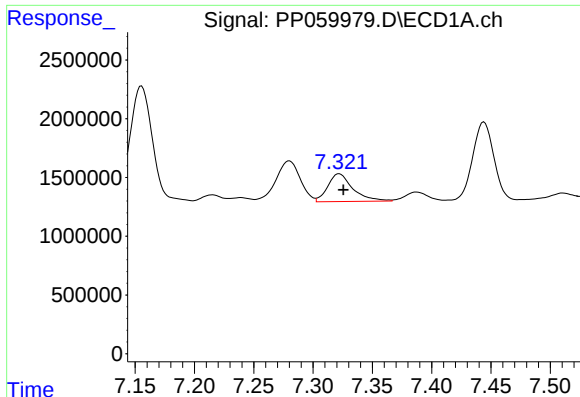
#30 AR-1254-5

R.T.: 7.868 min
Delta R.T.: -0.003 min
Response: 6289497
Conc: 64.66 ng/ml



#30 AR-1254-5

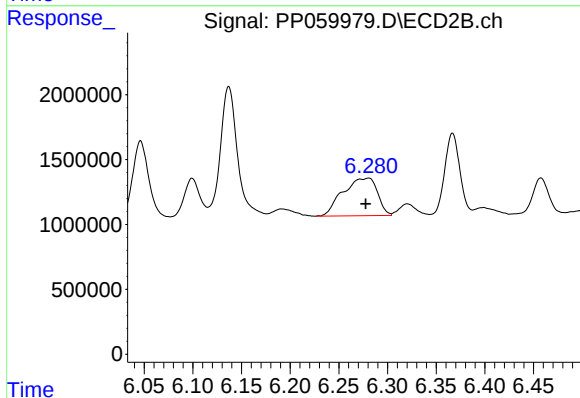
R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 6798780
Conc: 57.32 ng/ml



#31 AR-1260-1

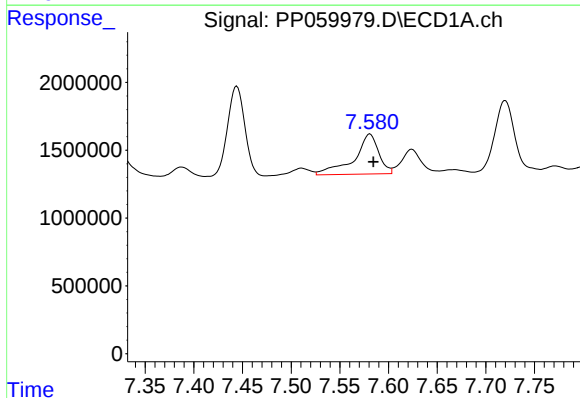
R.T.: 7.322 min
Delta R.T.: -0.003 min
Response: 3466099
Conc: 38.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



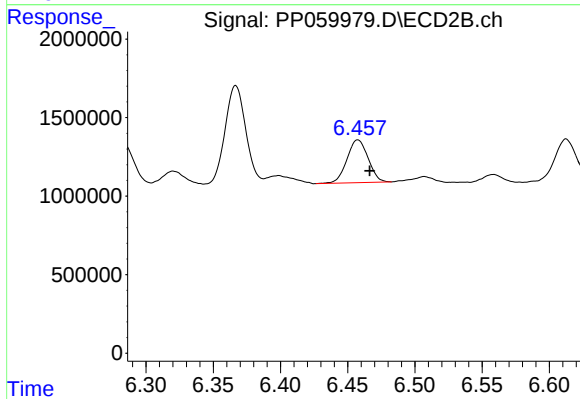
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: 0.003 min
Response: 7145746
Conc: 76.74 ng/ml



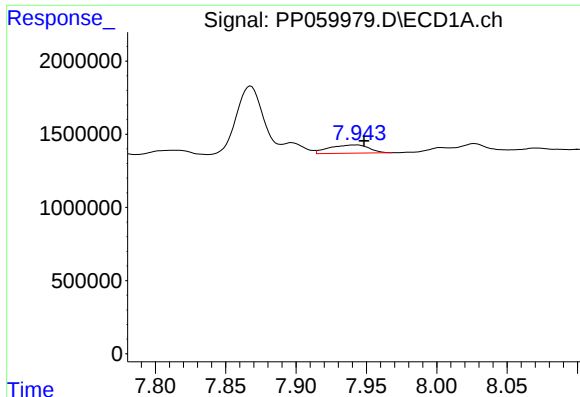
#32 AR-1260-2

R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 5201548
Conc: 50.70 ng/ml



#32 AR-1260-2

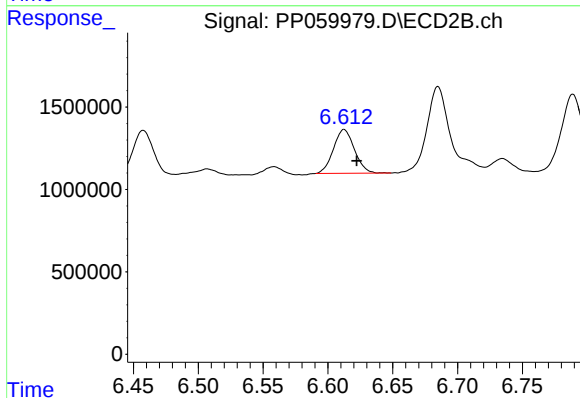
R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 2986774
Conc: 27.24 ng/ml



#33 AR-1260-3

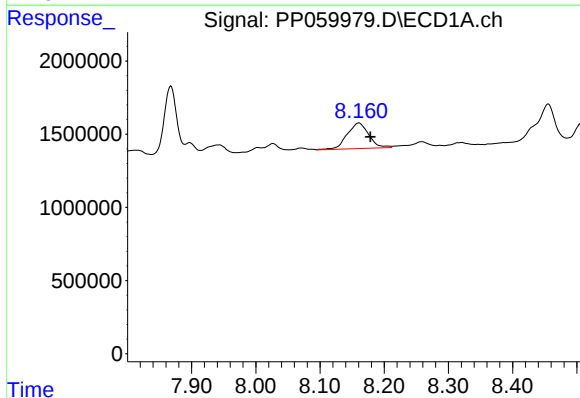
R.T.: 7.943 min
Delta R.T.: -0.006 min
Response: 1111268
Conc: 14.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



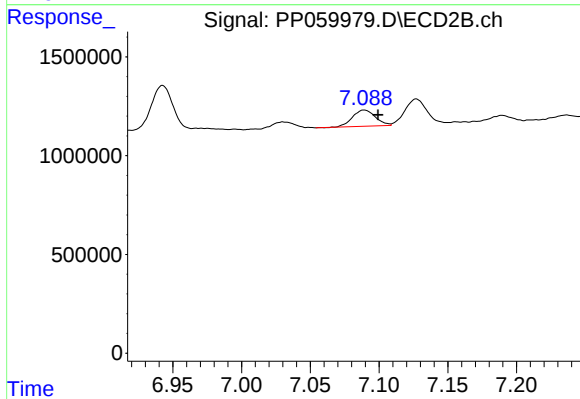
#33 AR-1260-3

R.T.: 6.612 min
Delta R.T.: -0.010 min
Response: 3005460
Conc: 29.22 ng/ml



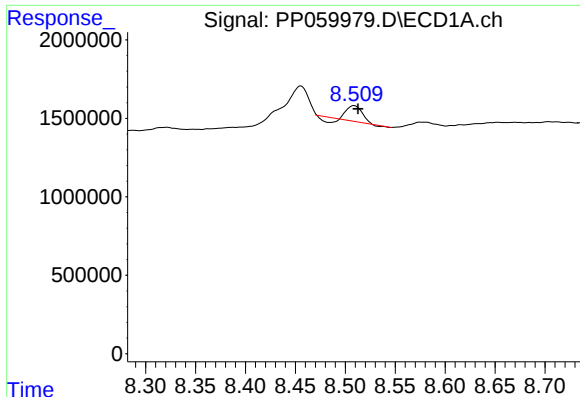
#34 AR-1260-4

R.T.: 8.161 min
Delta R.T.: -0.018 min
Response: 4105497
Conc: 45.81 ng/ml



#34 AR-1260-4

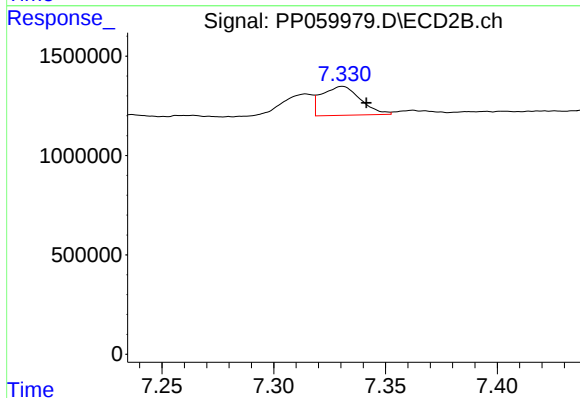
R.T.: 7.089 min
Delta R.T.: -0.010 min
Response: 953384
Conc: 11.45 ng/ml



#35 AR-1260-5

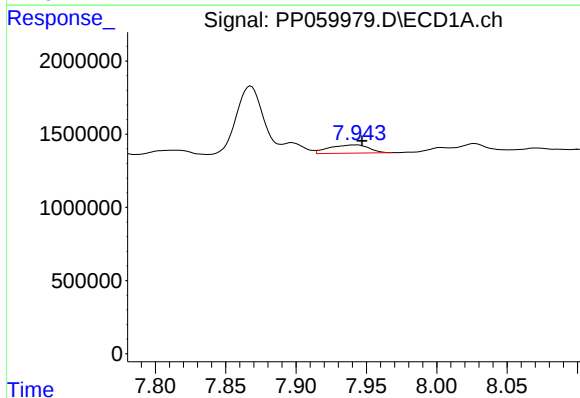
R.T.: 8.509 min
Delta R.T.: -0.004 min
Response: 844738
Conc: 4.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



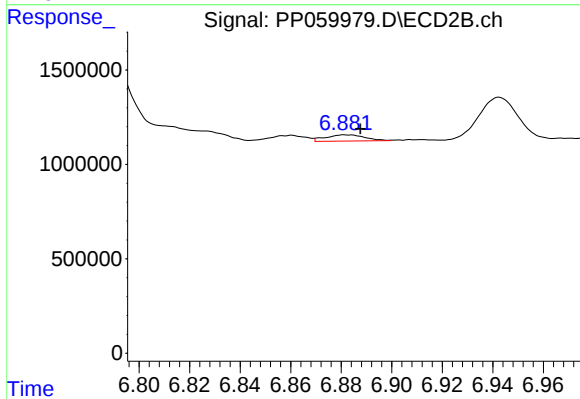
#35 AR-1260-5

R.T.: 7.331 min
Delta R.T.: -0.011 min
Response: 1751848
Conc: 9.11 ng/ml



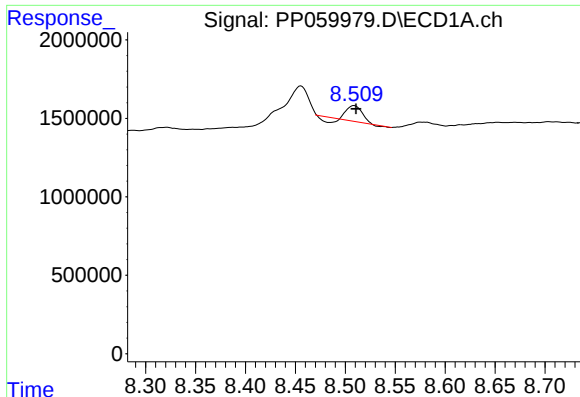
#36 AR-1262-1

R.T.: 7.943 min
Delta R.T.: -0.004 min
Response: 1111268
Conc: 9.60 ng/ml



#36 AR-1262-1

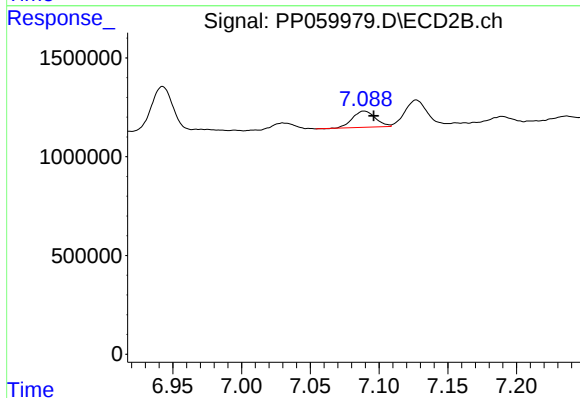
R.T.: 6.882 min
Delta R.T.: -0.006 min
Response: 353145
Conc: 7.00 ng/ml



#37 AR-1262-2

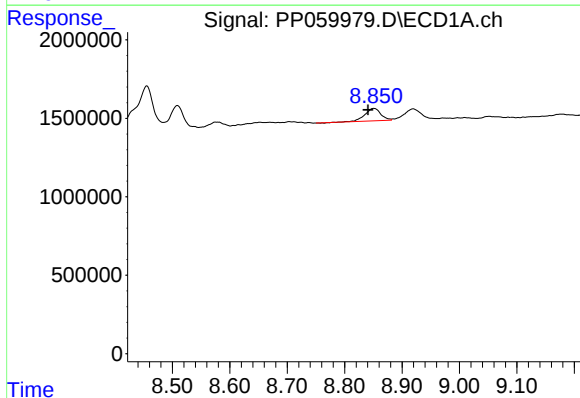
R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 844738
Conc: 4.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



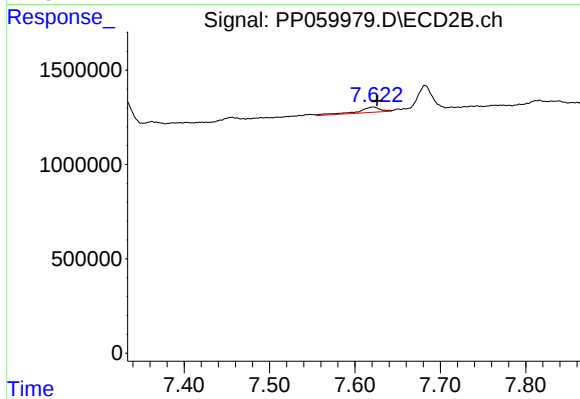
#37 AR-1262-2

R.T.: 7.089 min
Delta R.T.: -0.007 min
Response: 953384
Conc: 8.44 ng/ml



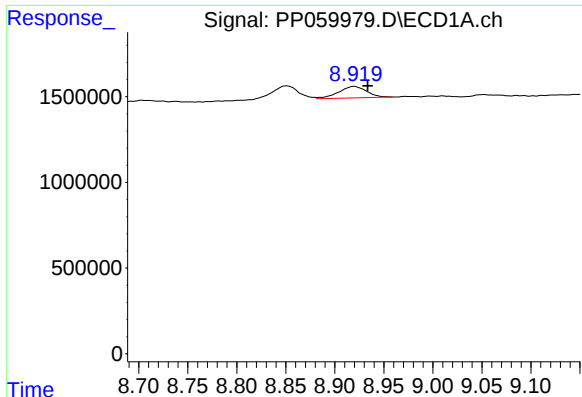
#38 AR-1262-3

R.T.: 8.851 min
Delta R.T.: 0.010 min
Response: 1541104
Conc: 10.70 ng/ml



#38 AR-1262-3

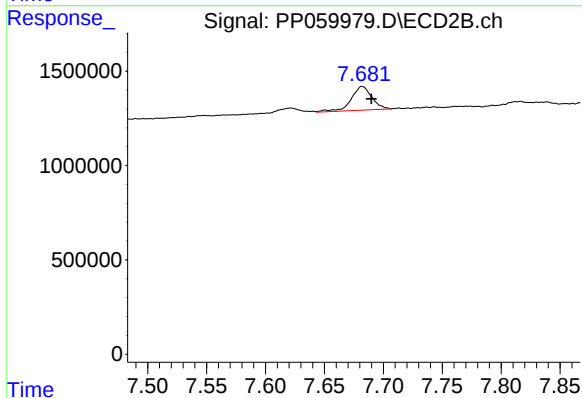
R.T.: 7.621 min
Delta R.T.: -0.005 min
Response: 508725
Conc: 5.80 ng/ml



#39 AR-1262-4

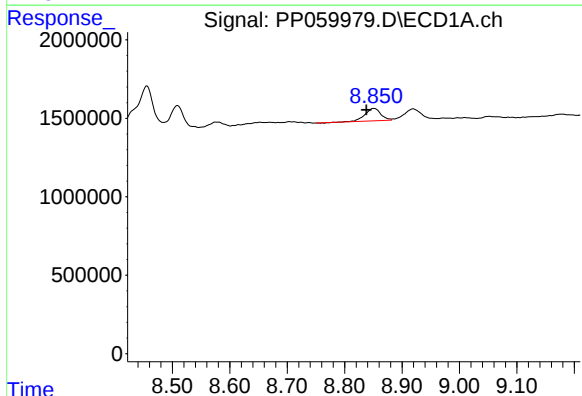
R.T.: 8.920 min
Delta R.T.: -0.014 min
Response: 1332346
Conc: 11.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



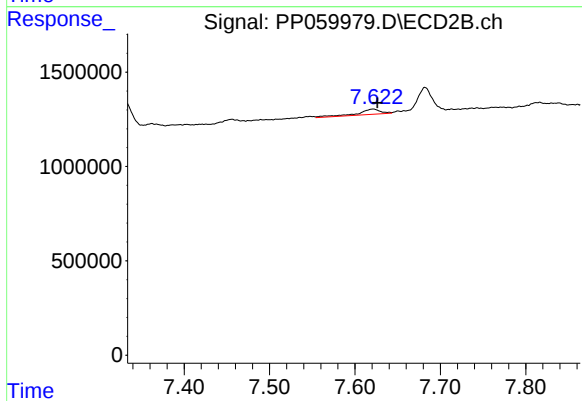
#39 AR-1262-4

R.T.: 7.682 min
Delta R.T.: -0.008 min
Response: 1529414
Conc: 9.37 ng/ml



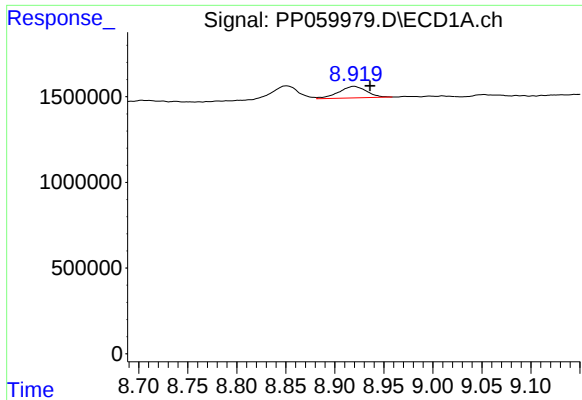
#41 AR-1268-1

R.T.: 8.851 min
Delta R.T.: 0.013 min
Response: 1541104
Conc: 6.15 ng/ml



#41 AR-1268-1

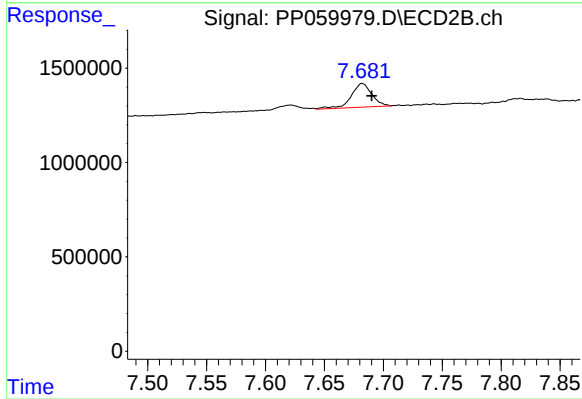
R.T.: 7.621 min
Delta R.T.: -0.005 min
Response: 508725
Conc: 1.95 ng/ml



#42 AR-1268-2

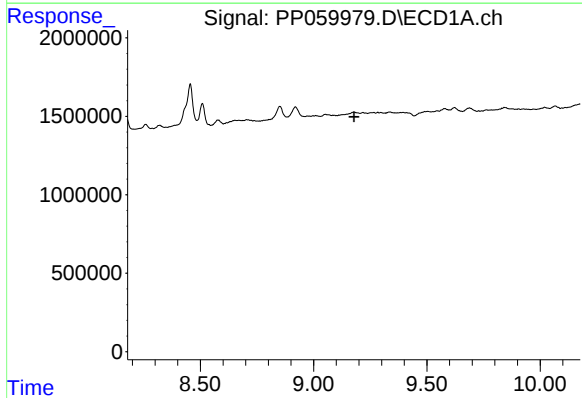
R.T.: 8.920 min
Delta R.T.: -0.016 min
Response: 1332346
Conc: 5.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



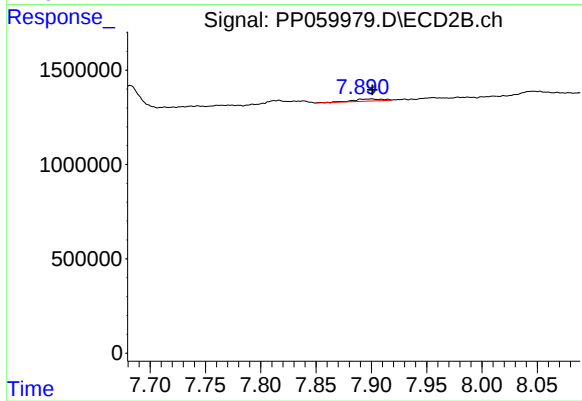
#42 AR-1268-2

R.T.: 7.682 min
Delta R.T.: -0.008 min
Response: 1529414
Conc: 6.62 ng/ml



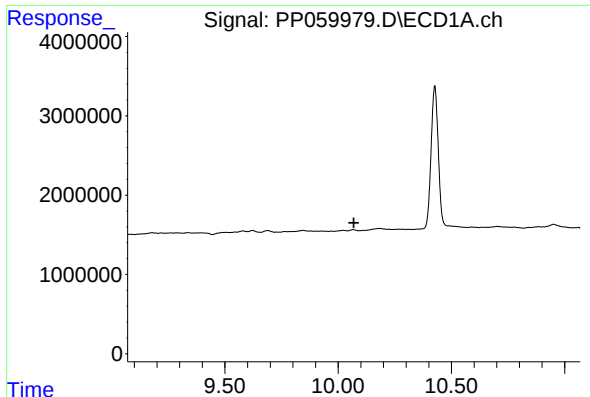
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.178 min
Response: 0
Conc: N.D.



#43 AR-1268-3

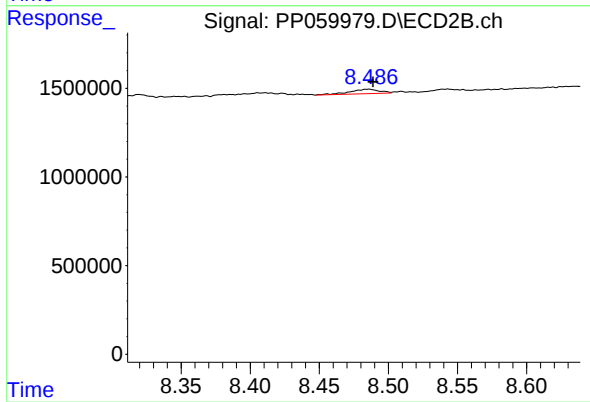
R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 203237
Conc: 1.00 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.004 min
Response: 376521
Conc: 0.60 ng/ml