

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 14:29
 Operator : YP\AJ
 Sample : Q1437-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 K084-12C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:15:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 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...	4.526	3.828	38639964	24051190	26.328	25.157
2)	SA Decachlor...	10.256	8.882	19054270	18828995	16.728	17.368
Target Compounds							
3)	L1 AR-1016-1	5.614f	4.925	9010281	44357	180.834	1.328 #
4)	L1 AR-1016-2	0.000	4.940	0	11179	N.D.	0.240 #
5)	L1 AR-1016-3	0.000	5.108	0	89380	N.D.	3.571 #
6)	L1 AR-1016-4	0.000	5.154	0	1149221	N.D.	57.259 #
7)	L1 AR-1016-5	6.157	5.367	791712	594380	23.606	22.908
8)	L2 AR-1221-1	4.726	4.028	845492	227008	44.697	16.914 #
9)	L2 AR-1221-2	4.827	4.131	748845	598034	51.320	58.826
10)	L2 AR-1221-3	4.827f	4.171	748845	55548	17.351	1.830 #
11)	L3 AR-1232-1	4.827f	4.171	748845	55548	22.772	2.443 #
12)	L3 AR-1232-2	5.383	4.940	940410	11179	57.835	0.490 #
13)	L3 AR-1232-3	0.000	5.108	0	89380	N.D.	7.433 #
14)	L3 AR-1232-4	0.000	5.195	0	507537	N.D.	46.712 #
15)	L3 AR-1232-5	5.951	5.367	840521	594380	66.670	52.575
16)	L4 AR-1242-1	0.000	4.940	0	11179	N.D.	0.419 #
17)	L4 AR-1242-2	0.000	4.940	0	11179	N.D.	0.301 #
18)	L4 AR-1242-3	0.000	5.108	0	89380	N.D.	4.540 #
19)	L4 AR-1242-4	0.000	5.195	0	507537	N.D.	25.822 #
20)	L4 AR-1242-5	6.596	5.722	2188218	5366136	62.103	215.754 #
21)	L5 AR-1248-1	5.614f	4.940	9010281	11179	275.458	0.528 #
22)	L5 AR-1248-2	5.951	5.154	840521	1149221	19.940	40.677 #
23)	L5 AR-1248-3	6.157	5.195	791712	507537	17.527	17.057
24)	L5 AR-1248-4	6.552	5.367	2213179	594380	37.535	16.912 #
25)	L5 AR-1248-5	6.596	5.762	2188218	638197	38.265	17.645 #
26)	L6 AR-1254-1	6.529	5.722	5517536	5366136	97.310	98.336
27)	L6 AR-1254-2	6.745	5.871	10546560	7529243	120.277	154.460 #
28)	L6 AR-1254-3	7.109	6.276	15039133	13835607	168.739	182.488
29)	L6 AR-1254-4	7.391	6.551	12843460	4771890	172.370	92.730 #
30)	L6 AR-1254-5	7.824	6.921	44577954	36845253	663.735	545.296
31)	L7 AR-1260-1	7.274	6.407	6947635	7136654	119.048	144.061
32)	L7 AR-1260-2	7.515	6.594	23842088	7846103	291.735	119.934 #
33)	L7 AR-1260-3	7.885	6.748	3668770	6612785	58.456	109.625 #
34)	L7 AR-1260-4	8.095	7.219	6810852	4675728	107.425	95.682
35)	L7 AR-1260-5	8.432	7.462	3165137	2871281	24.127	24.093
36)	L8 AR-1262-1	8.095	6.995	6810852	2019450	84.367	24.192 #
37)	L8 AR-1262-2	8.432	7.219	3165137	4675728	19.649	70.533 #
38)	L8 AR-1262-3	8.748	7.746	9114311	7023238	82.399	115.932 #
39)	L8 AR-1262-4	8.841	7.810	6821476	8368050	81.291	79.338
40)	L8 AR-1262-5	9.493	8.312	1833293	1819894	31.176	35.045
41)	L9 AR-1268-1	8.748	7.746	9114311	7023238	47.447	42.373

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 Operator : YP\AJ
 Sample : Q1437-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

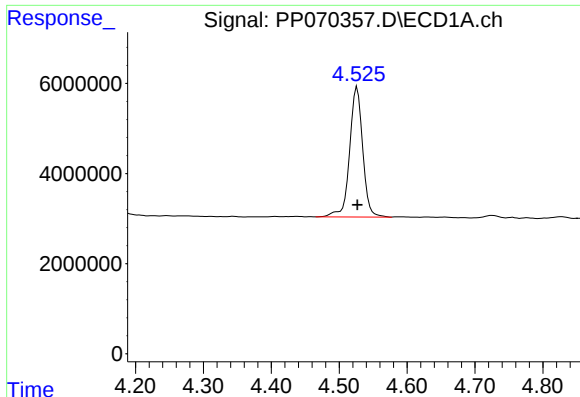
Instrument :
 ECD_P
 ClientSampleId :
 K084-12C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:15:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.841	7.810	6821476	8368050	41.196	57.694 #
43) L9	AR-1268-3	9.073	8.017	3932887	3367640	27.406	27.499
44) L9	AR-1268-4	9.493	8.312	1833293	1819894	29.077	34.218
45) L9	AR-1268-5	9.911	8.615	10736932	10031456	25.815	28.240

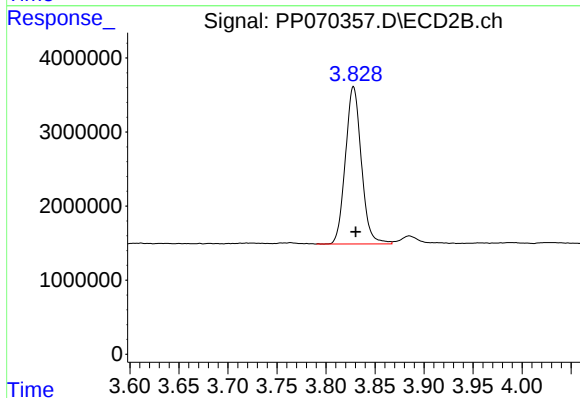
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

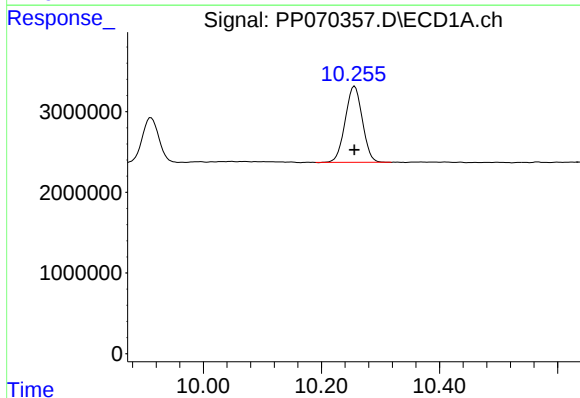
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 38639964
Conc: 26.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



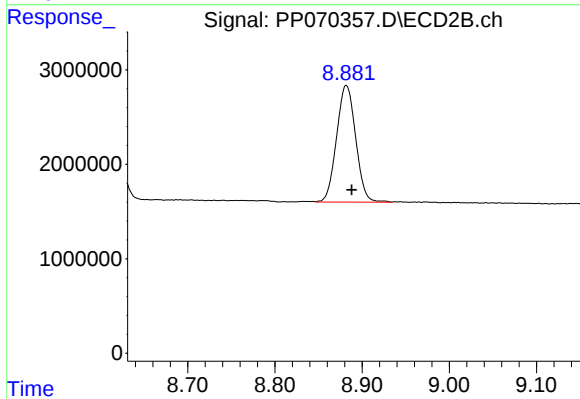
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 24051190
Conc: 25.16 ng/ml



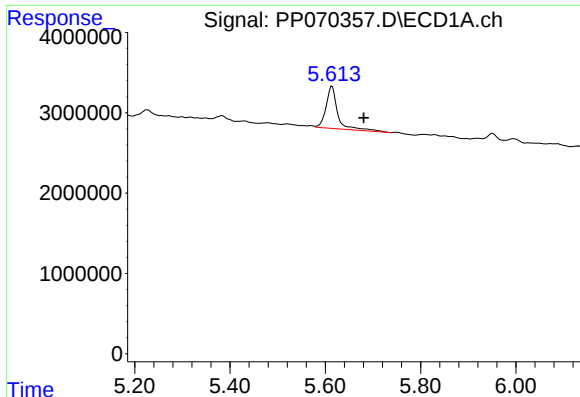
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 19054270
Conc: 16.73 ng/ml



#2 Decachlorobiphenyl

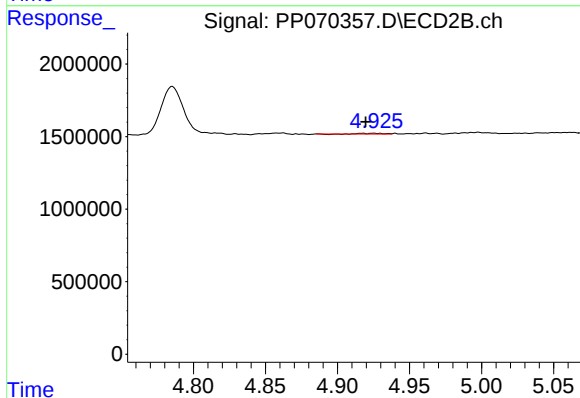
R.T.: 8.882 min
Delta R.T.: -0.006 min
Response: 18828995
Conc: 17.37 ng/ml



#3 AR-1016-1

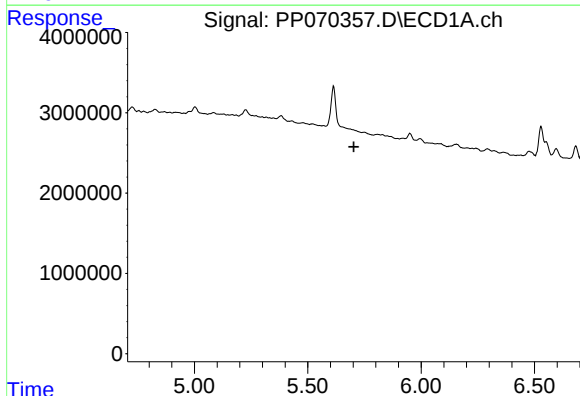
R.T.: 5.614 min
Delta R.T.: -0.067 min
Response: 9010281
Conc: 180.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



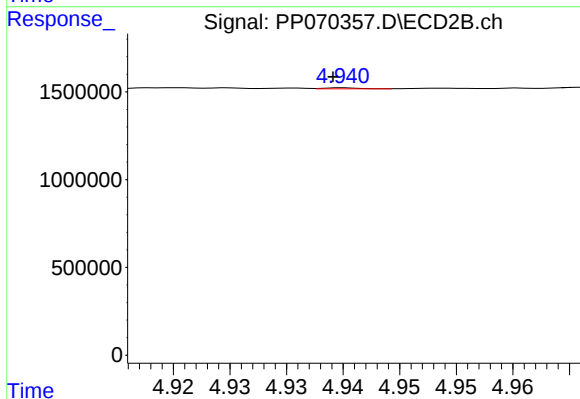
#3 AR-1016-1

R.T.: 4.925 min
Delta R.T.: 0.005 min
Response: 44357
Conc: 1.33 ng/ml



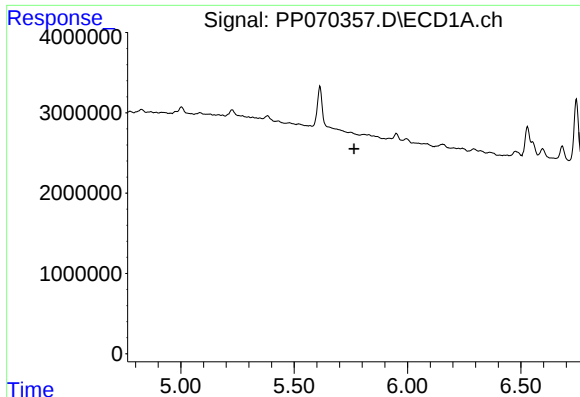
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.702 min
Response: 0
Conc: N.D.



#4 AR-1016-2

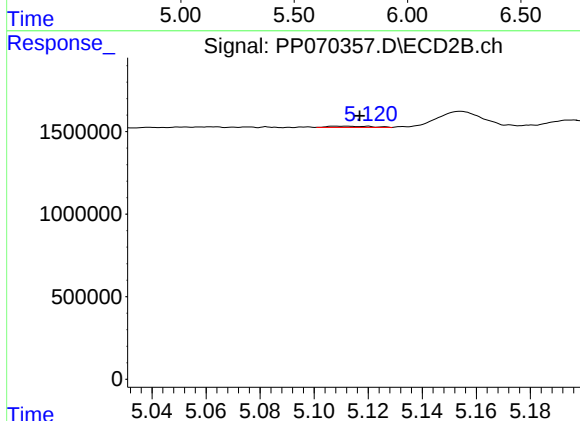
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 11179
Conc: 0.24 ng/ml



#5 AR-1016-3

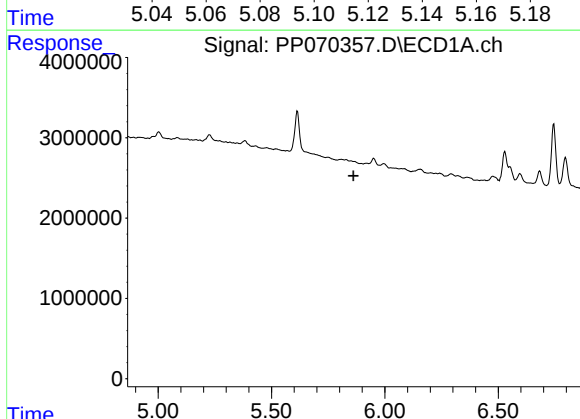
R.T.: 0.000 min
Exp R.T.: 5.765 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
K084-12C



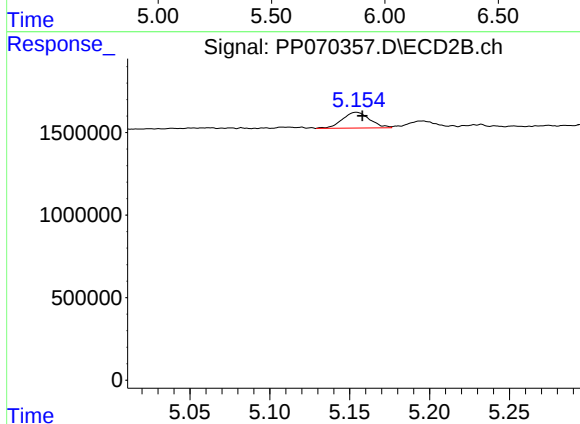
#5 AR-1016-3

R.T.: 5.108 min
Delta R.T.: -0.009 min
Response: 89380
Conc: 3.57 ng/ml



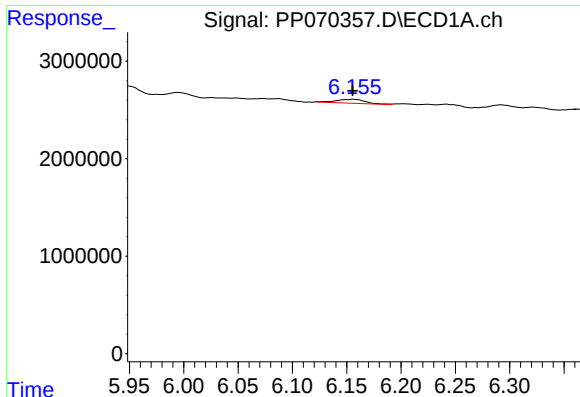
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.862 min
Response: 0
Conc: N.D.



#6 AR-1016-4

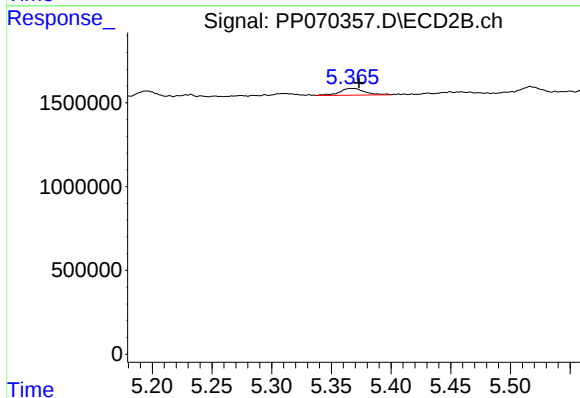
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 1149221
Conc: 57.26 ng/ml



#7 AR-1016-5

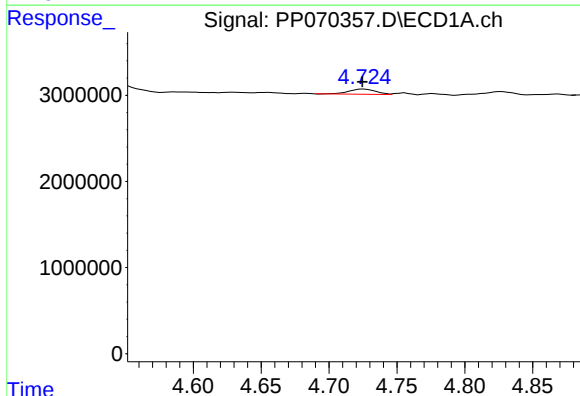
R.T.: 6.157 min
Delta R.T.: 0.001 min
Response: 791712
Conc: 23.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



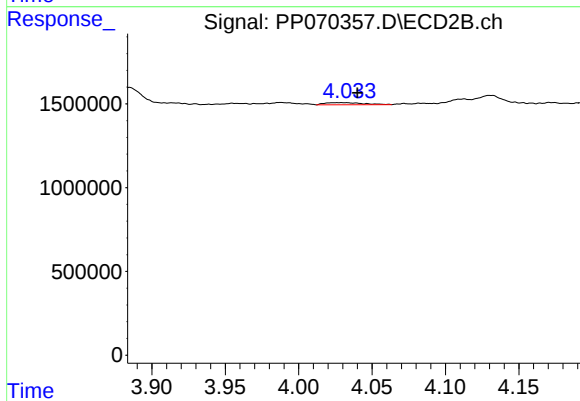
#7 AR-1016-5

R.T.: 5.367 min
Delta R.T.: -0.006 min
Response: 594380
Conc: 22.91 ng/ml



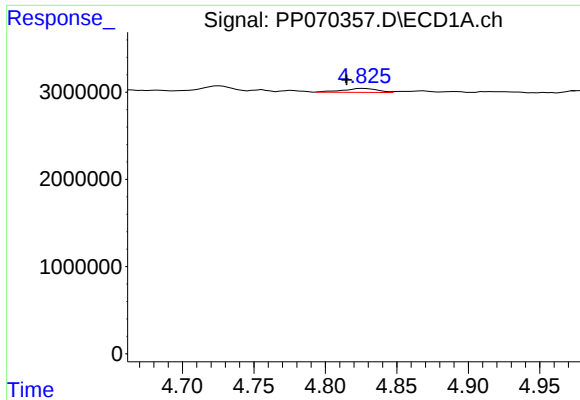
#8 AR-1221-1

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 845492
Conc: 44.70 ng/ml



#8 AR-1221-1

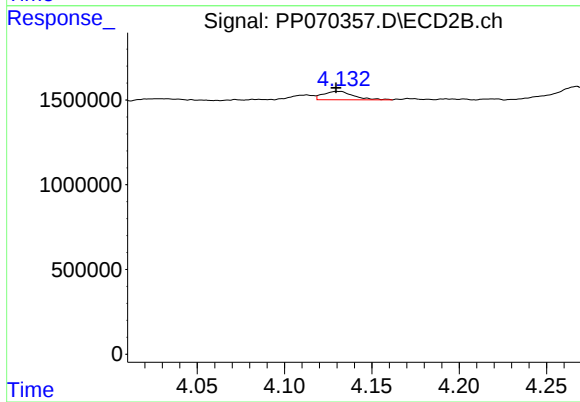
R.T.: 4.028 min
Delta R.T.: -0.012 min
Response: 227008
Conc: 16.91 ng/ml



#9 AR-1221-2

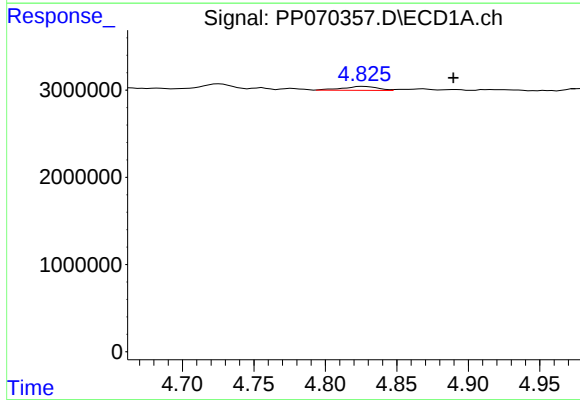
R.T.: 4.827 min
Delta R.T.: 0.012 min
Response: 748845
Conc: 51.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



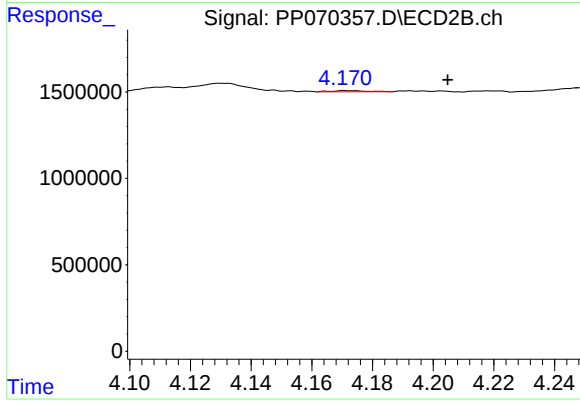
#9 AR-1221-2

R.T.: 4.131 min
Delta R.T.: 0.001 min
Response: 598034
Conc: 58.83 ng/ml



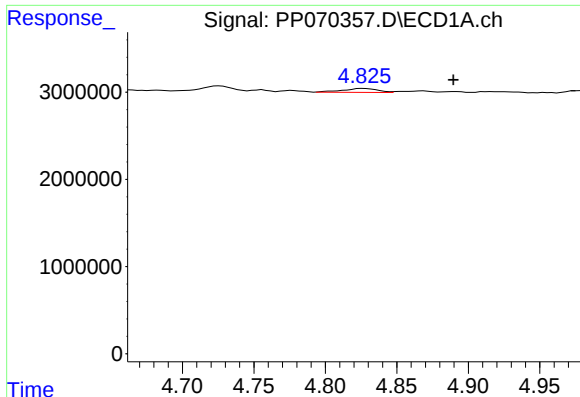
#10 AR-1221-3

R.T.: 4.827 min
Delta R.T.: -0.063 min
Response: 748845
Conc: 17.35 ng/ml



#10 AR-1221-3

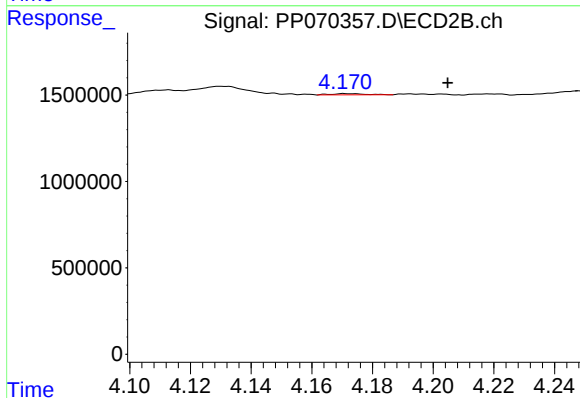
R.T.: 4.171 min
Delta R.T.: -0.033 min
Response: 55548
Conc: 1.83 ng/ml



#11 AR-1232-1

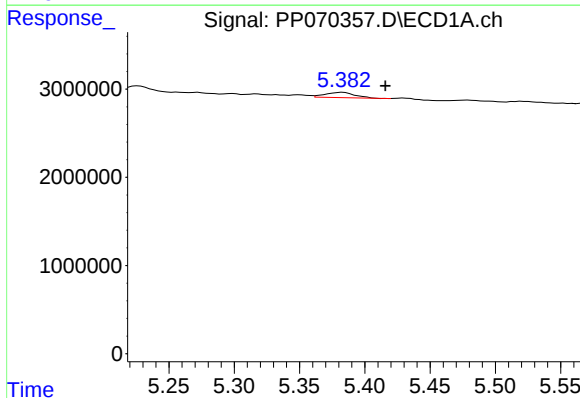
R.T.: 4.827 min
Delta R.T.: -0.063 min
Response: 748845
Conc: 22.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



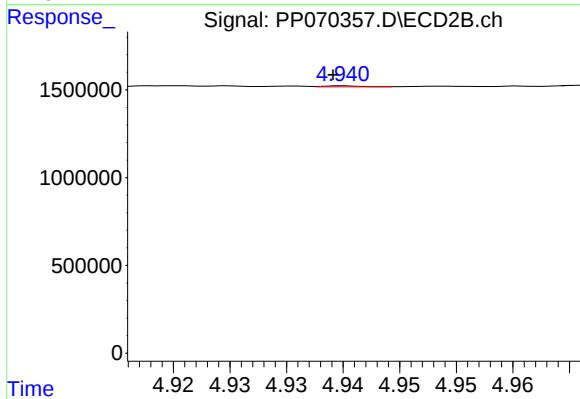
#11 AR-1232-1

R.T.: 4.171 min
Delta R.T.: -0.033 min
Response: 55548
Conc: 2.44 ng/ml



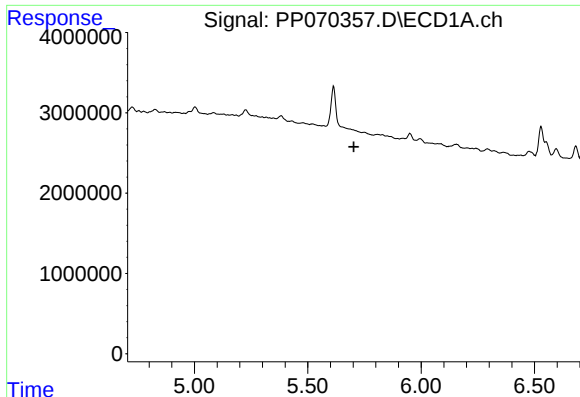
#12 AR-1232-2

R.T.: 5.383 min
Delta R.T.: -0.033 min
Response: 940410
Conc: 57.84 ng/ml



#12 AR-1232-2

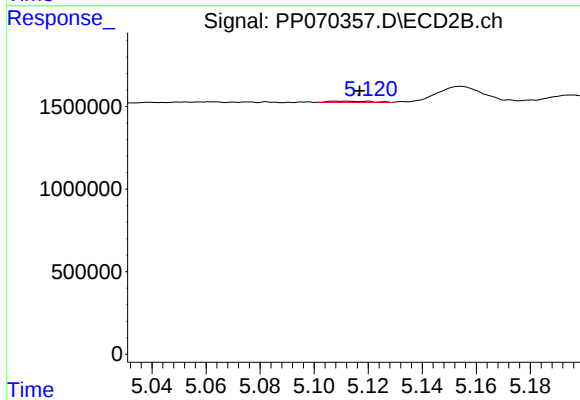
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 11179
Conc: 0.49 ng/ml



#13 AR-1232-3

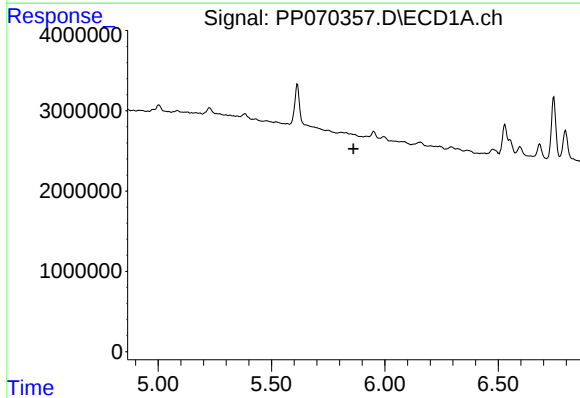
R.T.: 0.000 min
Exp R.T.: 5.702 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
K084-12C



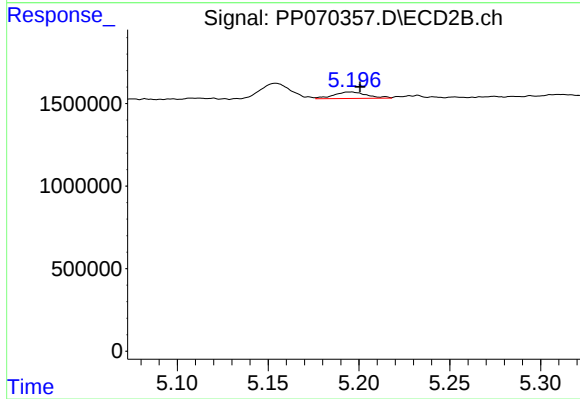
#13 AR-1232-3

R.T.: 5.108 min
Delta R.T.: -0.009 min
Response: 89380
Conc: 7.43 ng/ml



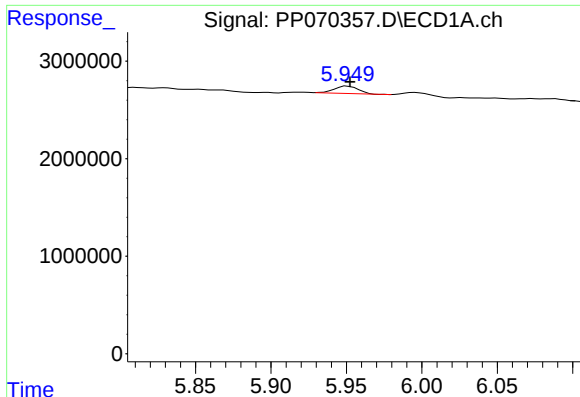
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.862 min
Response: 0
Conc: N.D.



#14 AR-1232-4

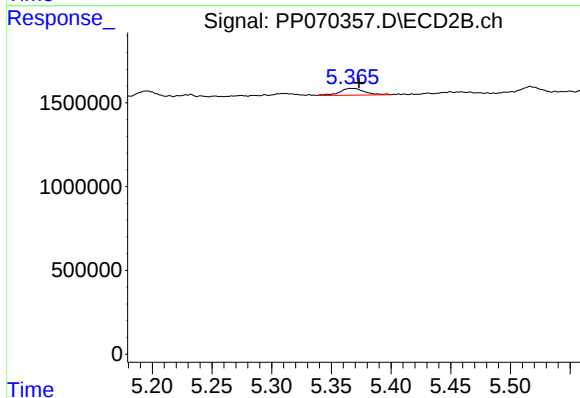
R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 507537
Conc: 46.71 ng/ml



#15 AR-1232-5

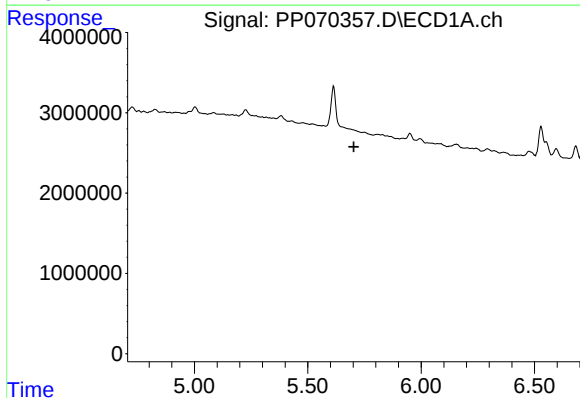
R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 840521
Conc: 66.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



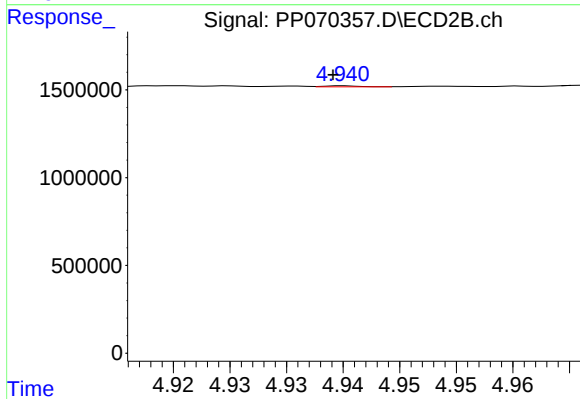
#15 AR-1232-5

R.T.: 5.367 min
Delta R.T.: -0.006 min
Response: 594380
Conc: 52.57 ng/ml



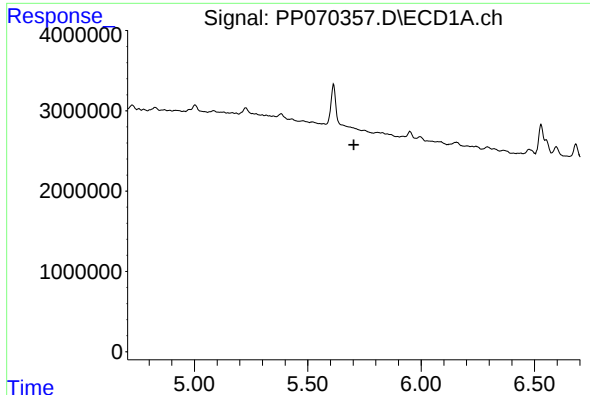
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.702 min
Response: 0
Conc: N.D.



#16 AR-1242-1

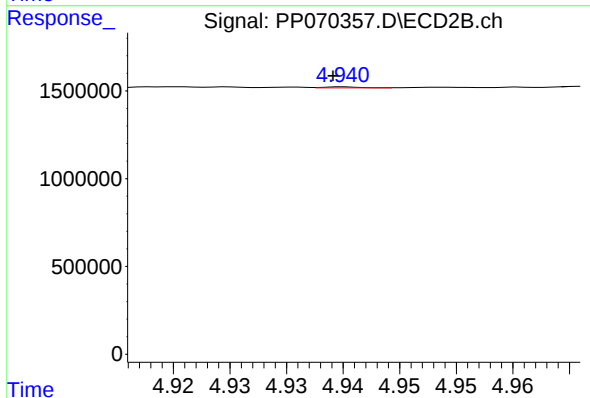
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 11179
Conc: 0.42 ng/ml



#17 AR-1242-2

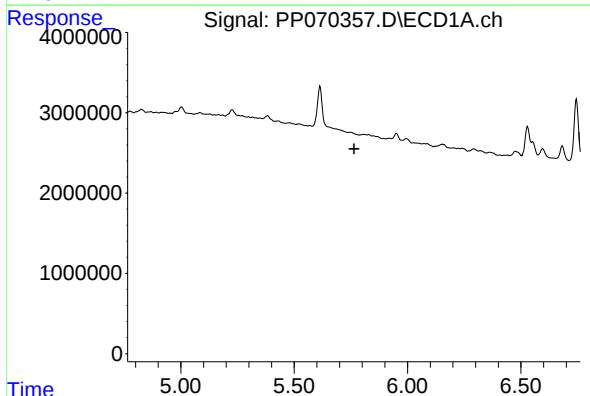
R.T.: 0.000 min
Exp R.T.: 5.702 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
K084-12C



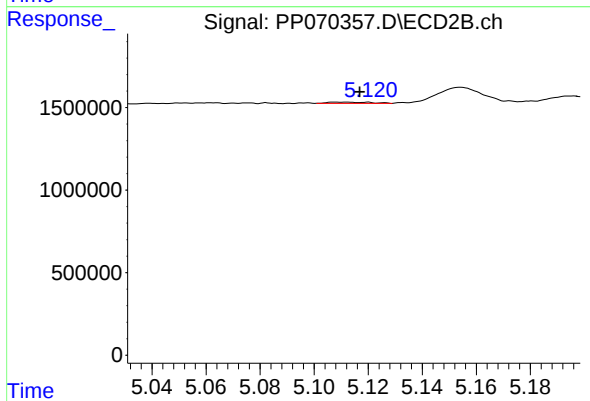
#17 AR-1242-2

R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 11179
Conc: 0.30 ng/ml



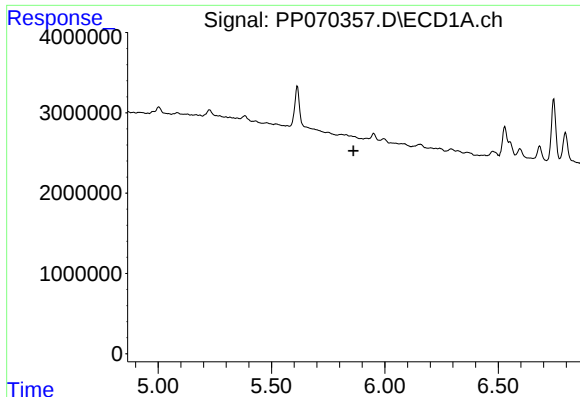
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.765 min
Response: 0
Conc: N.D.



#18 AR-1242-3

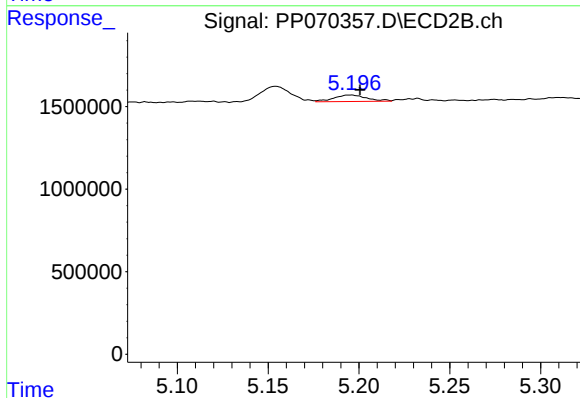
R.T.: 5.108 min
Delta R.T.: -0.009 min
Response: 89380
Conc: 4.54 ng/ml



#19 AR-1242-4

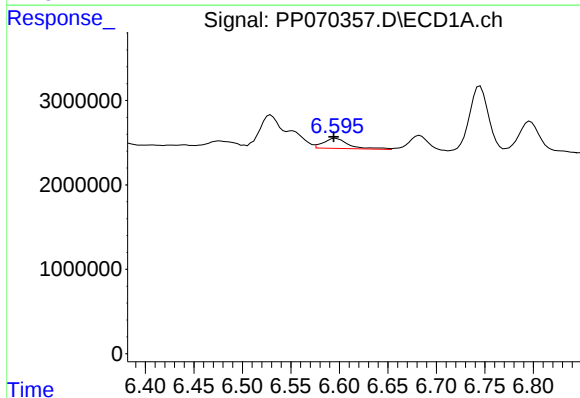
R.T.: 0.000 min
Exp R.T.: 5.862 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
K084-12C



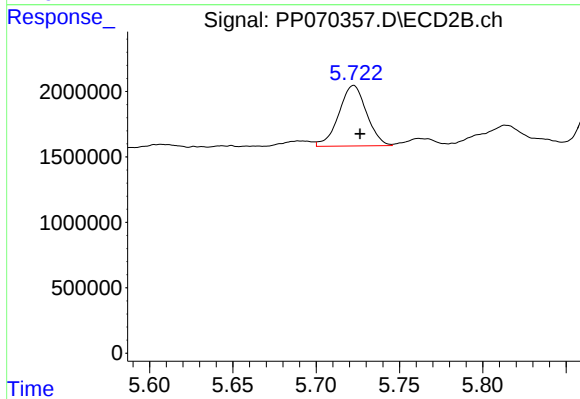
#19 AR-1242-4

R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 507537
Conc: 25.82 ng/ml



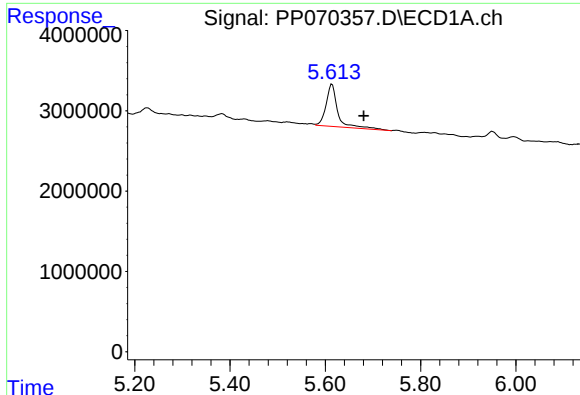
#20 AR-1242-5

R.T.: 6.596 min
Delta R.T.: 0.002 min
Response: 2188218
Conc: 62.10 ng/ml



#20 AR-1242-5

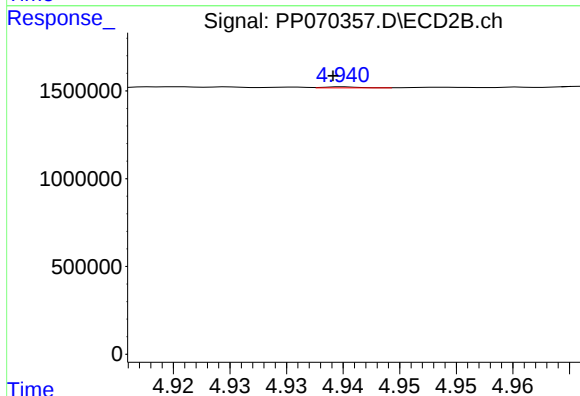
R.T.: 5.722 min
Delta R.T.: -0.004 min
Response: 5366136
Conc: 215.75 ng/ml



#21 AR-1248-1

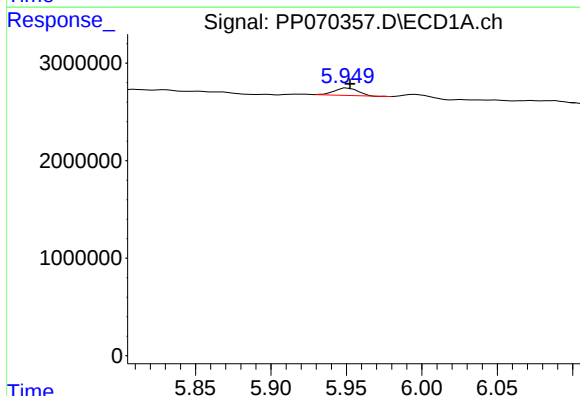
R.T.: 5.614 min
Delta R.T.: -0.067 min
Response: 9010281
Conc: 275.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



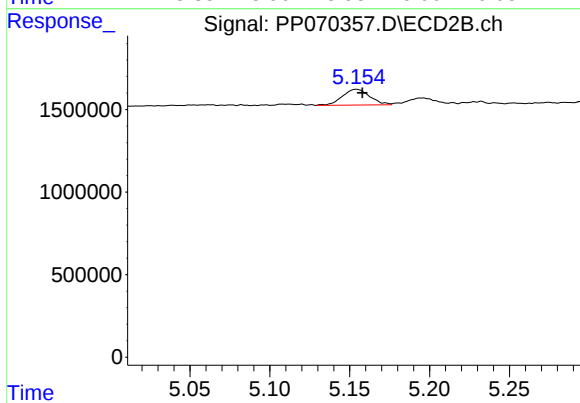
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 11179
Conc: 0.53 ng/ml



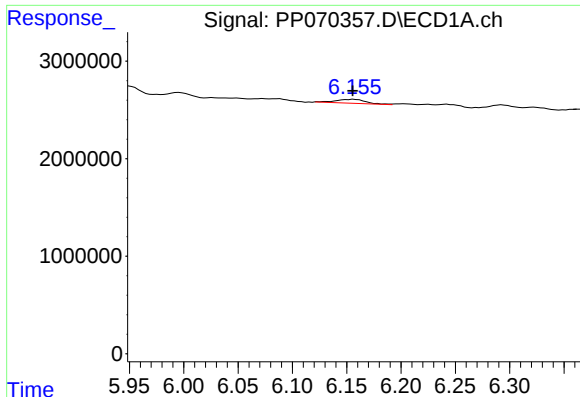
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 840521
Conc: 19.94 ng/ml



#22 AR-1248-2

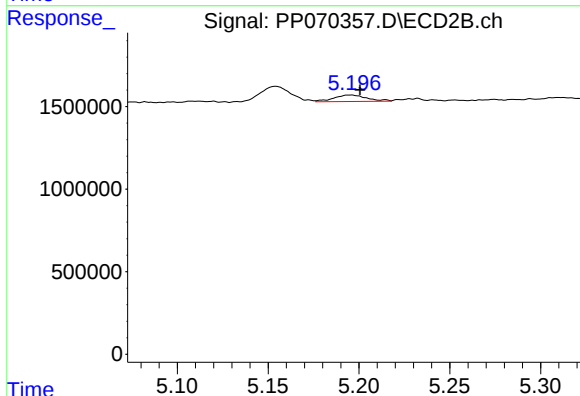
R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 1149221
Conc: 40.68 ng/ml



#23 AR-1248-3

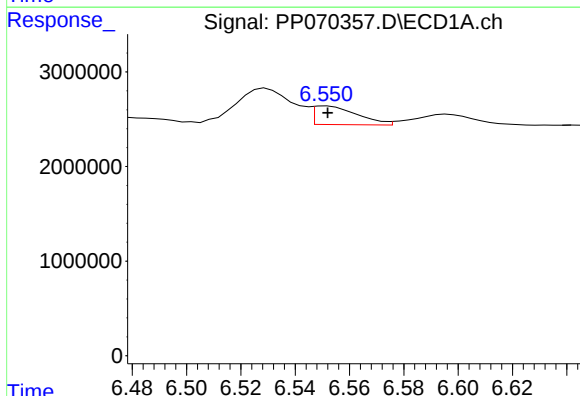
R.T.: 6.157 min
Delta R.T.: 0.001 min
Response: 791712
Conc: 17.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



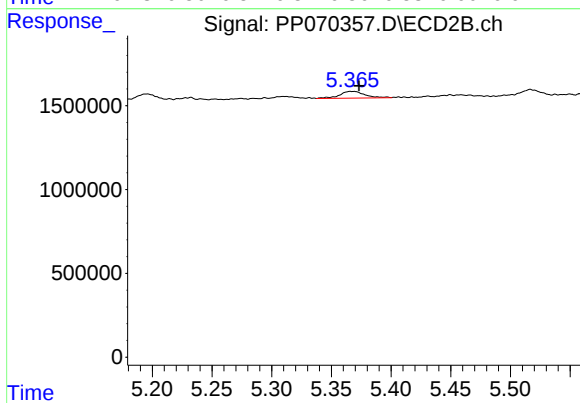
#23 AR-1248-3

R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 507537
Conc: 17.06 ng/ml



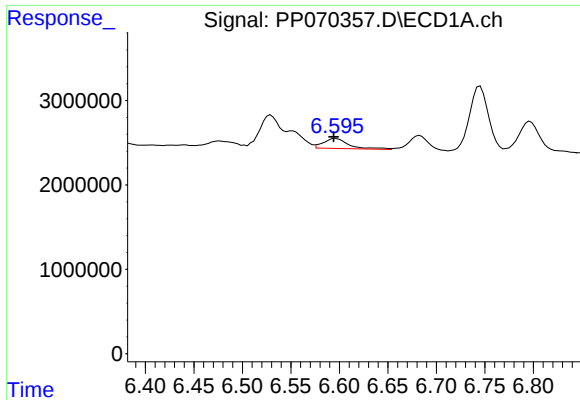
#24 AR-1248-4

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 2213179
Conc: 37.53 ng/ml



#24 AR-1248-4

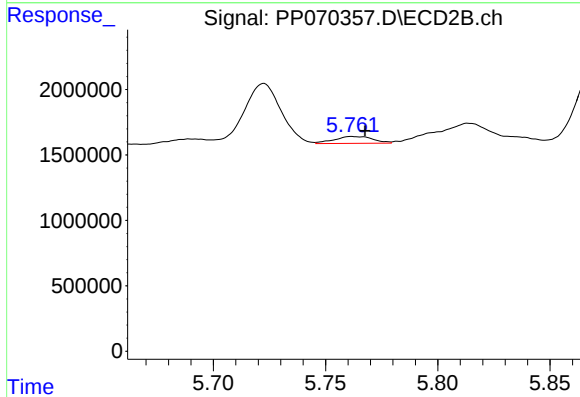
R.T.: 5.367 min
Delta R.T.: -0.006 min
Response: 594380
Conc: 16.91 ng/ml



#25 AR-1248-5

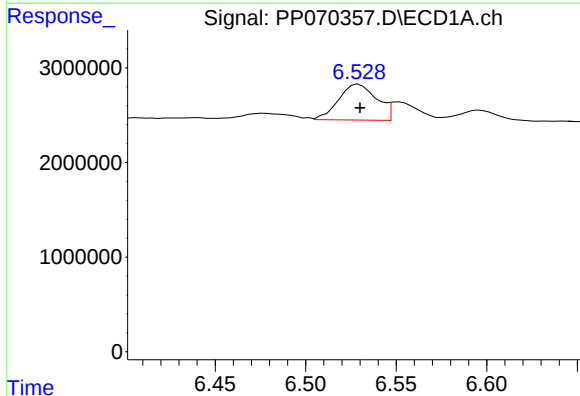
R.T.: 6.596 min
Delta R.T.: 0.002 min
Response: 2188218
Conc: 38.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



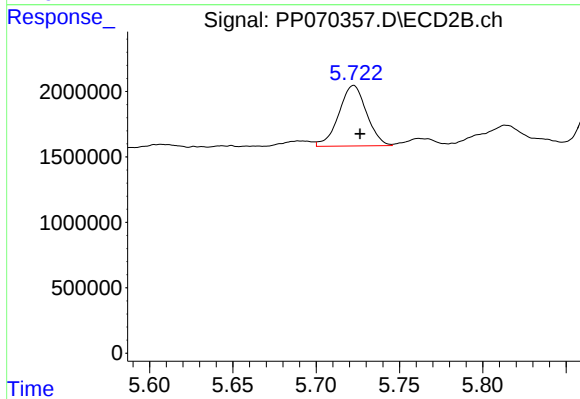
#25 AR-1248-5

R.T.: 5.762 min
Delta R.T.: -0.006 min
Response: 638197
Conc: 17.65 ng/ml



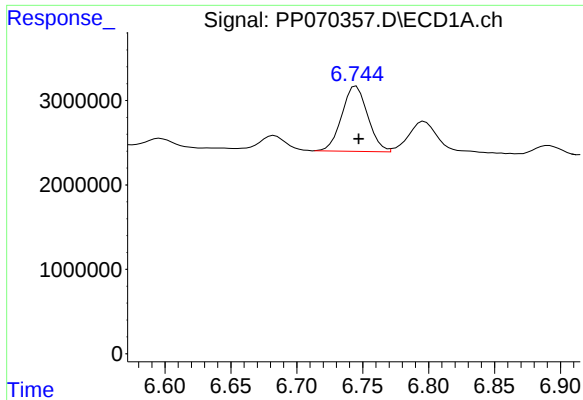
#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 5517536
Conc: 97.31 ng/ml



#26 AR-1254-1

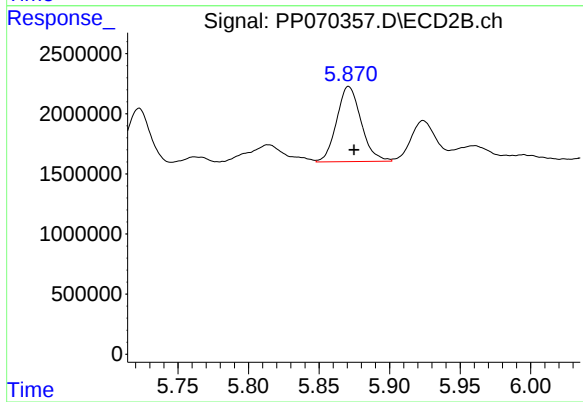
R.T.: 5.722 min
Delta R.T.: -0.004 min
Response: 5366136
Conc: 98.34 ng/ml



#27 AR-1254-2

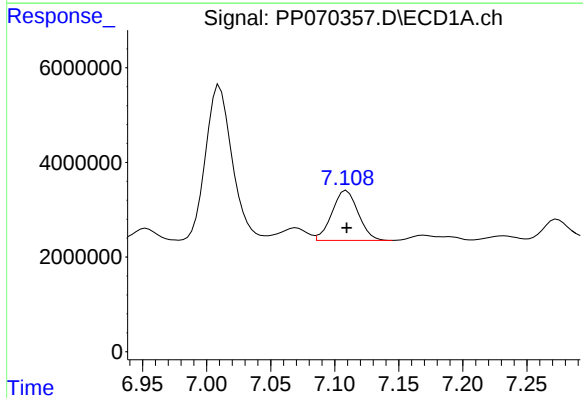
R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 10546560
Conc: 120.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



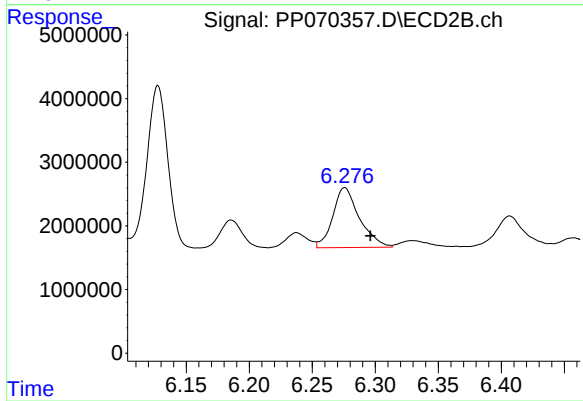
#27 AR-1254-2

R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 7529243
Conc: 154.46 ng/ml



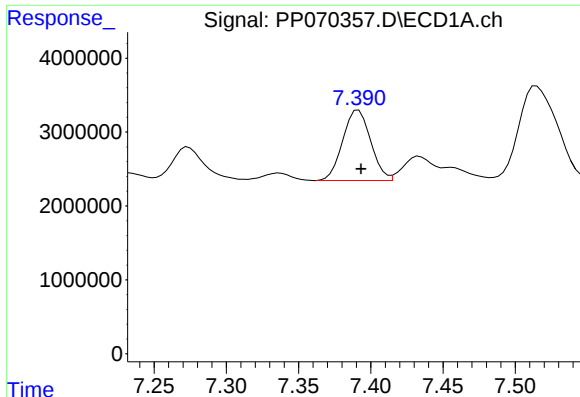
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 15039133
Conc: 168.74 ng/ml



#28 AR-1254-3

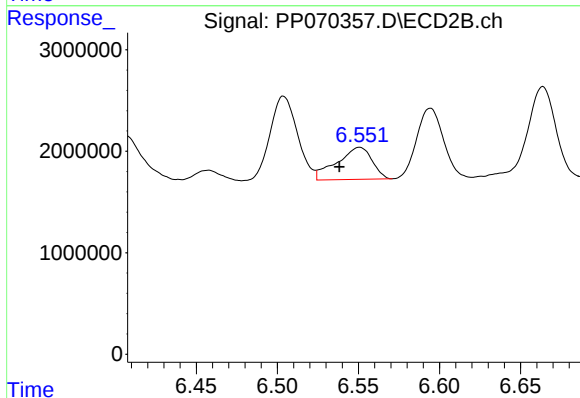
R.T.: 6.276 min
Delta R.T.: -0.020 min
Response: 13835607
Conc: 182.49 ng/ml



#29 AR-1254-4

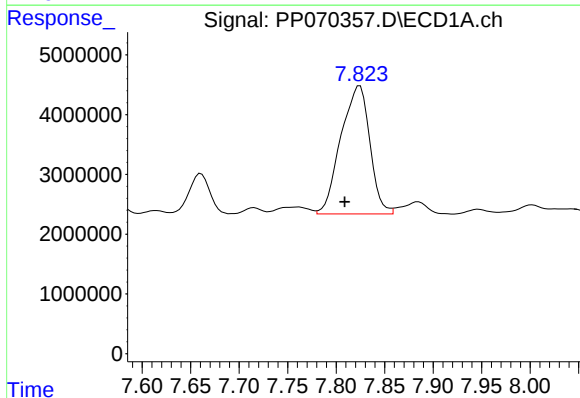
R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 12843460
Conc: 172.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



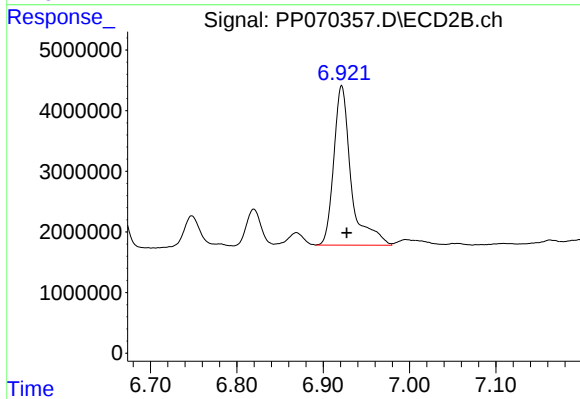
#29 AR-1254-4

R.T.: 6.551 min
Delta R.T.: 0.012 min
Response: 4771890
Conc: 92.73 ng/ml



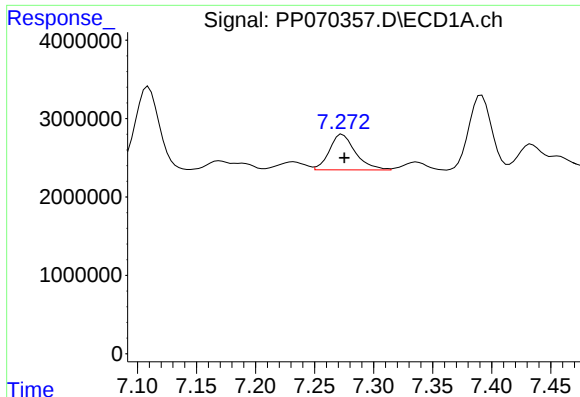
#30 AR-1254-5

R.T.: 7.824 min
Delta R.T.: 0.016 min
Response: 44577954
Conc: 663.73 ng/ml



#30 AR-1254-5

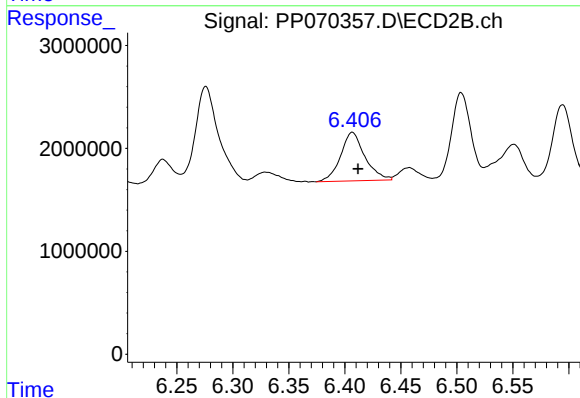
R.T.: 6.921 min
Delta R.T.: -0.006 min
Response: 36845253
Conc: 545.30 ng/ml



#31 AR-1260-1

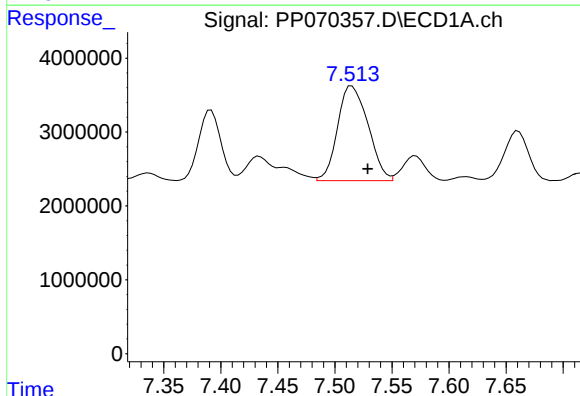
R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 6947635
Conc: 119.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



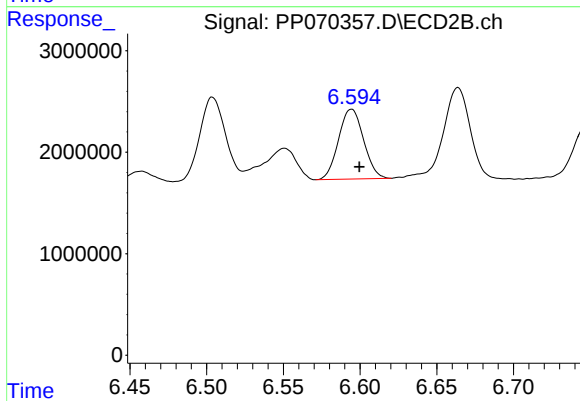
#31 AR-1260-1

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 7136654
Conc: 144.06 ng/ml



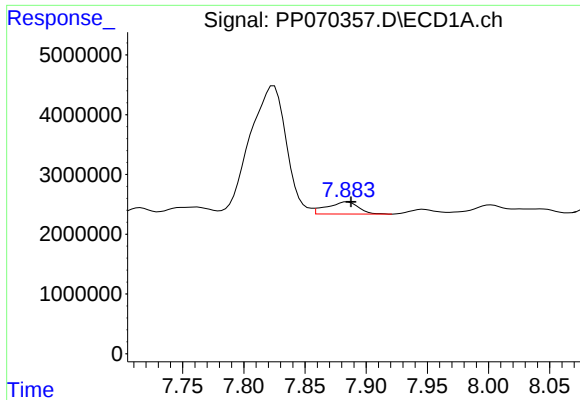
#32 AR-1260-2

R.T.: 7.515 min
Delta R.T.: -0.014 min
Response: 23842088
Conc: 291.73 ng/ml



#32 AR-1260-2

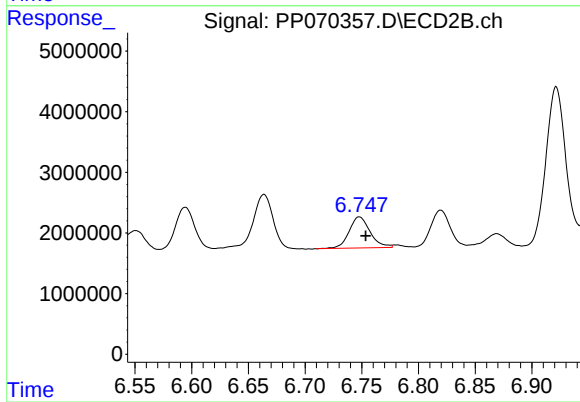
R.T.: 6.594 min
Delta R.T.: -0.005 min
Response: 7846103
Conc: 119.93 ng/ml



#33 AR-1260-3

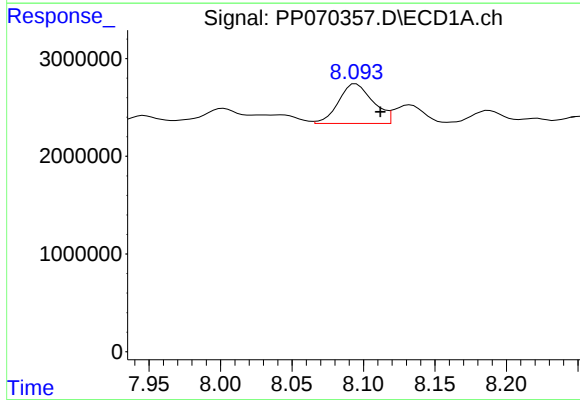
R.T.: 7.885 min
Delta R.T.: -0.003 min
Response: 3668770
Conc: 58.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



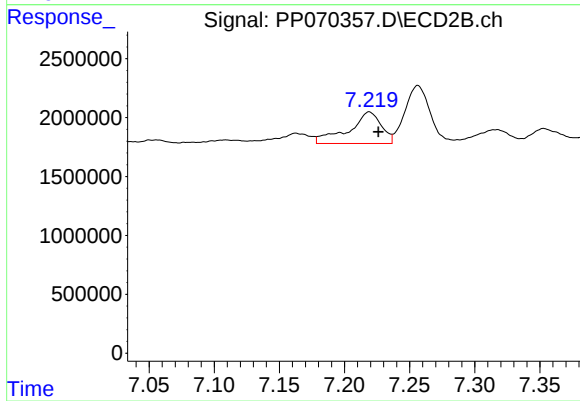
#33 AR-1260-3

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 6612785
Conc: 109.62 ng/ml



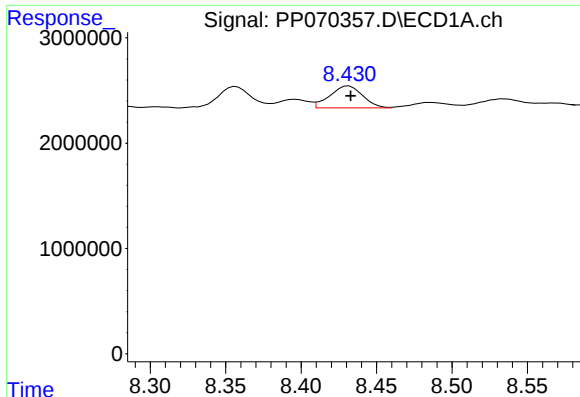
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: -0.017 min
Response: 6810852
Conc: 107.43 ng/ml



#34 AR-1260-4

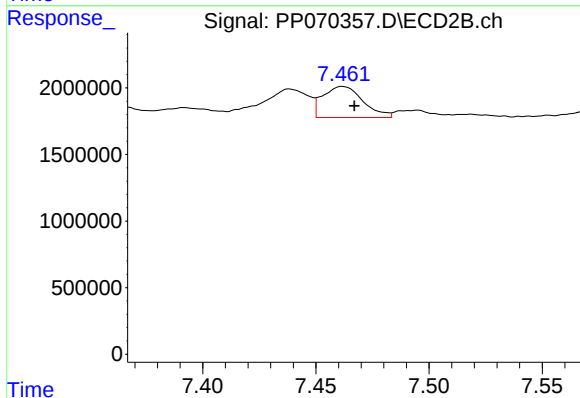
R.T.: 7.219 min
Delta R.T.: -0.007 min
Response: 4675728
Conc: 95.68 ng/ml



#35 AR-1260-5

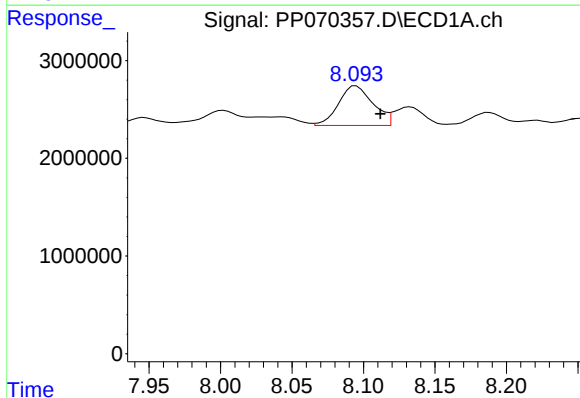
R.T.: 8.432 min
Delta R.T.: -0.001 min
Response: 3165137
Conc: 24.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



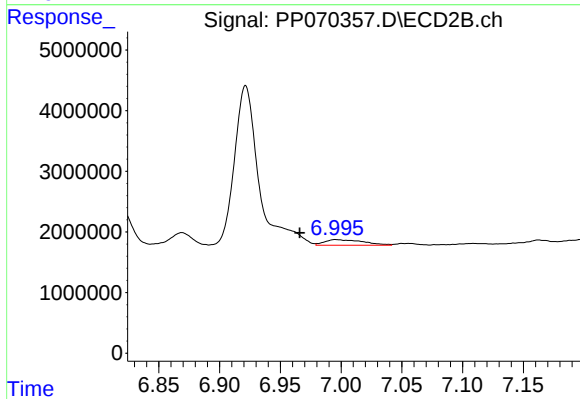
#35 AR-1260-5

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 2871281
Conc: 24.09 ng/ml



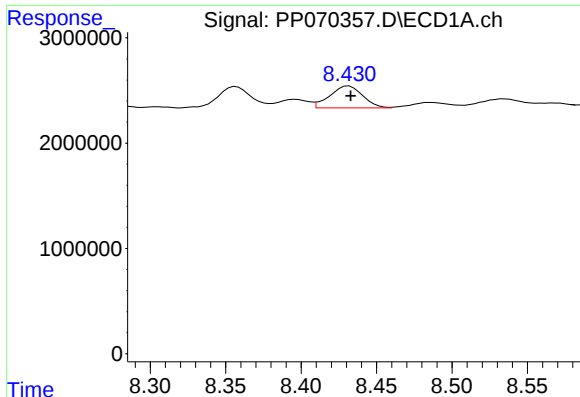
#36 AR-1262-1

R.T.: 8.095 min
Delta R.T.: -0.017 min
Response: 6810852
Conc: 84.37 ng/ml



#36 AR-1262-1

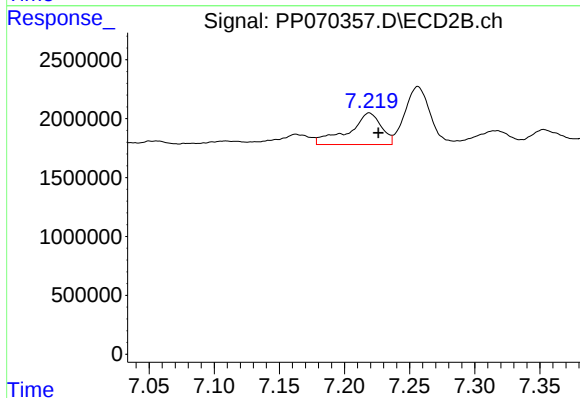
R.T.: 6.995 min
Delta R.T.: 0.029 min
Response: 2019450
Conc: 24.19 ng/ml



#37 AR-1262-2

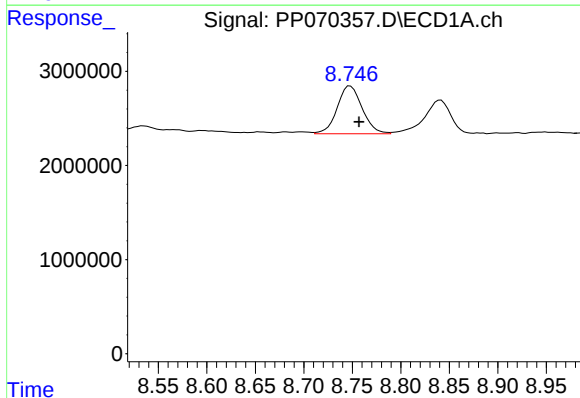
R.T.: 8.432 min
Delta R.T.: -0.001 min
Response: 3165137
Conc: 19.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



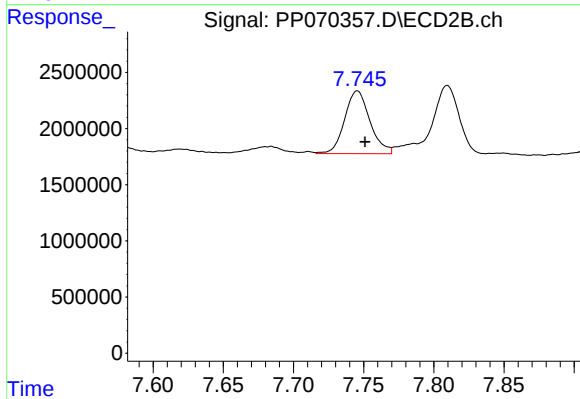
#37 AR-1262-2

R.T.: 7.219 min
Delta R.T.: -0.007 min
Response: 4675728
Conc: 70.53 ng/ml



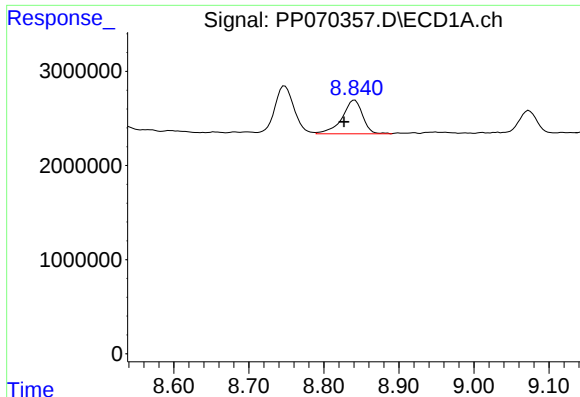
#38 AR-1262-3

R.T.: 8.748 min
Delta R.T.: -0.009 min
Response: 9114311
Conc: 82.40 ng/ml



#38 AR-1262-3

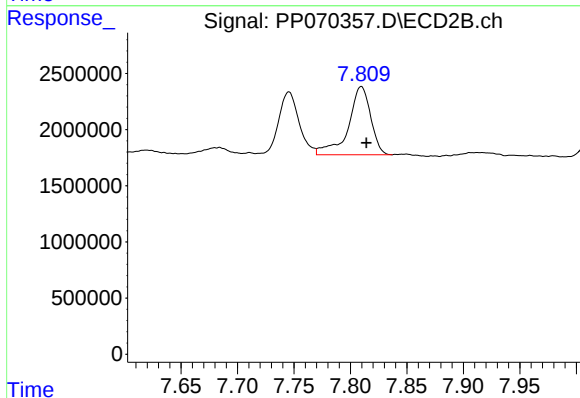
R.T.: 7.746 min
Delta R.T.: -0.005 min
Response: 7023238
Conc: 115.93 ng/ml



#39 AR-1262-4

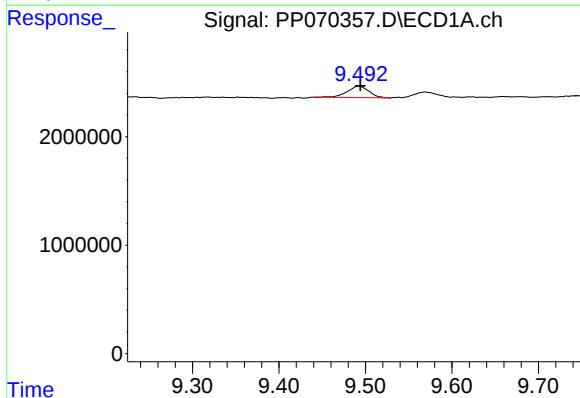
R.T.: 8.841 min
Delta R.T.: 0.014 min
Response: 6821476
Conc: 81.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



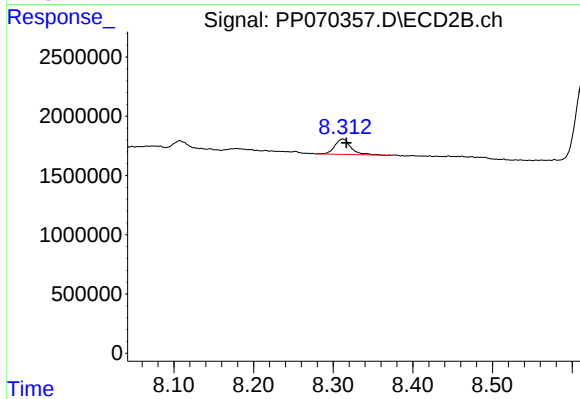
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 8368050
Conc: 79.34 ng/ml



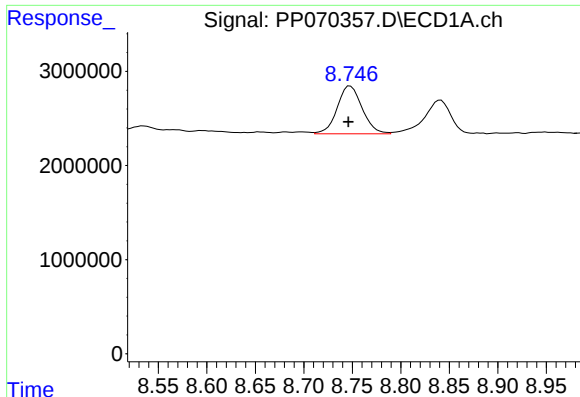
#40 AR-1262-5

R.T.: 9.493 min
Delta R.T.: 0.000 min
Response: 1833293
Conc: 31.18 ng/ml



#40 AR-1262-5

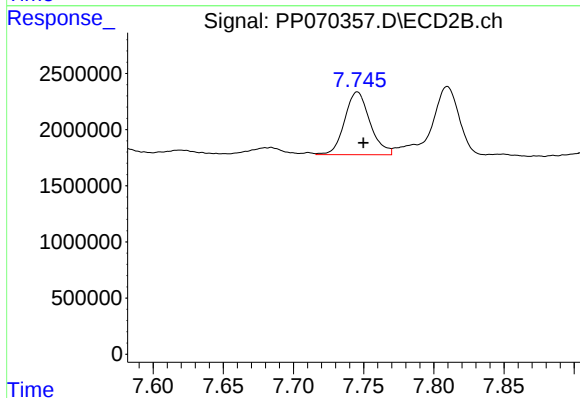
R.T.: 8.312 min
Delta R.T.: -0.005 min
Response: 1819894
Conc: 35.05 ng/ml



#41 AR-1268-1

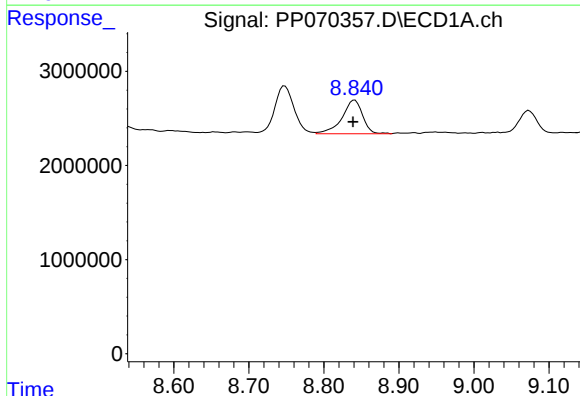
R.T.: 8.748 min
Delta R.T.: 0.002 min
Response: 9114311
Conc: 47.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



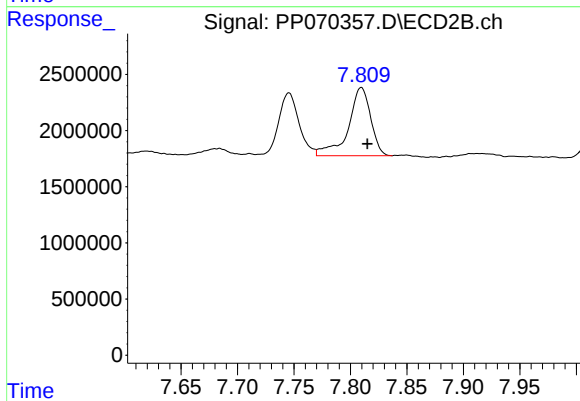
#41 AR-1268-1

R.T.: 7.746 min
Delta R.T.: -0.004 min
Response: 7023238
Conc: 42.37 ng/ml



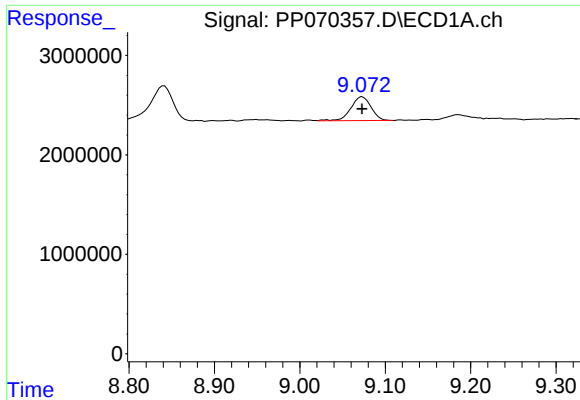
#42 AR-1268-2

R.T.: 8.841 min
Delta R.T.: 0.002 min
Response: 6821476
Conc: 41.20 ng/ml



#42 AR-1268-2

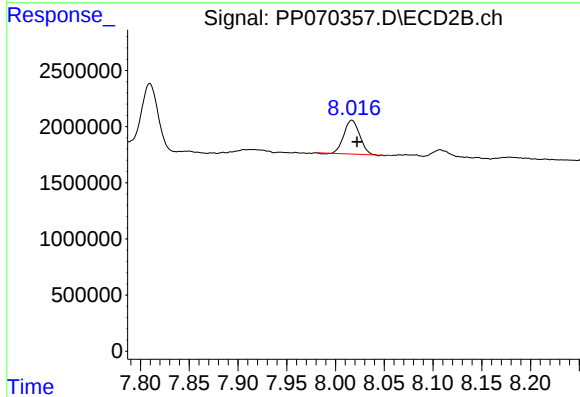
R.T.: 7.810 min
Delta R.T.: -0.005 min
Response: 8368050
Conc: 57.69 ng/ml



#43 AR-1268-3

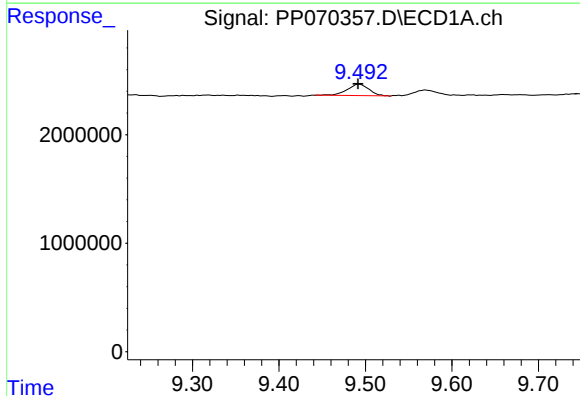
R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 3932887
Conc: 27.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



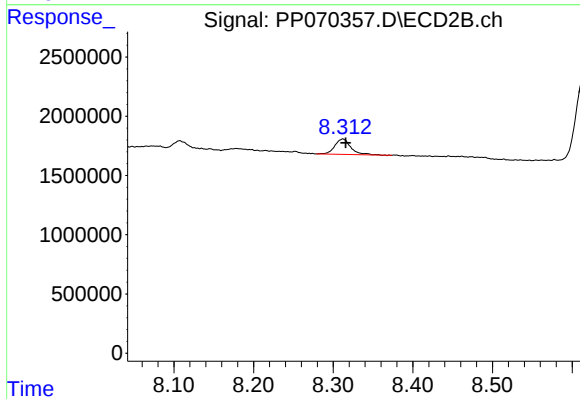
#43 AR-1268-3

R.T.: 8.017 min
Delta R.T.: -0.005 min
Response: 3367640
Conc: 27.50 ng/ml



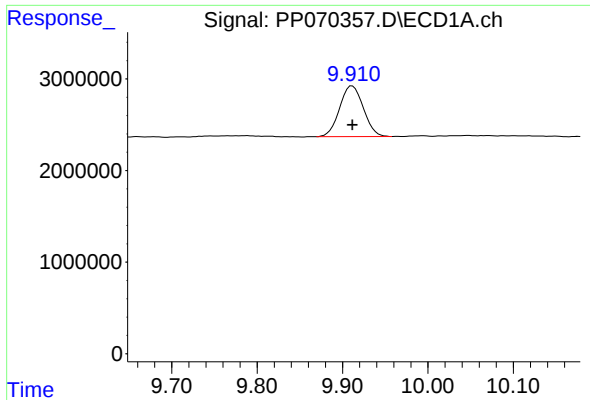
#44 AR-1268-4

R.T.: 9.493 min
Delta R.T.: 0.002 min
Response: 1833293
Conc: 29.08 ng/ml



#44 AR-1268-4

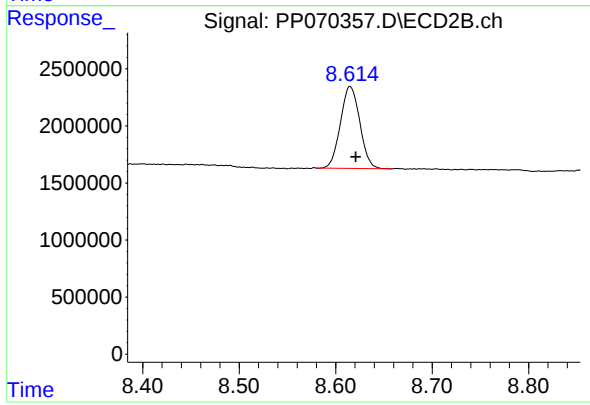
R.T.: 8.312 min
Delta R.T.: -0.004 min
Response: 1819894
Conc: 34.22 ng/ml



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 10736932
Conc: 25.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
K084-12C



#45 AR-1268-5

R.T.: 8.615 min
Delta R.T.: -0.006 min
Response: 10031456
Conc: 28.24 ng/ml