

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100223\
 Data File : PP060510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 19:36
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:22:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.533	3.684	111.9E6	78302355	49.963	52.605
2) SA Decachlor...	10.455	8.747	87389257	77659400	49.497	47.609
Target Compounds						
3) L1 AR-1016-1	5.719	4.782	1174131	928727	15.952	15.982
4) L1 AR-1016-2	5.745	4.801	1435941	760393	13.710	9.445 #
5) L1 AR-1016-3	5.806	4.980	618260	520280	9.460	11.641
6) L1 AR-1016-4	5.905	5.021	767619	17828819	14.116	495.469 #
7) L1 AR-1016-5	6.204	5.237	14492596	12561106	260.552	258.512
8) L2 AR-1221-1	0.000	3.900	0	35781	N.D.	1.713 #
9) L2 AR-1221-2	4.844	3.988	1924451	1264379	90.075	84.796
10) L2 AR-1221-3	4.908	4.066	476343	302547	7.844	6.887
11) L3 AR-1232-1	4.908f	4.066	476343	302547	9.463	8.314
12) L3 AR-1232-2	5.448f	4.801	539549	760393	19.704	20.851
13) L3 AR-1232-3	5.745	4.980	1435941	520280	30.936	25.994
14) L3 AR-1232-4	5.905f	5.063	767619	5887994	31.230	315.469 #
15) L3 AR-1232-5	5.996f	5.237	23911790	12561106	1153.951	603.918 #
16) L4 AR-1242-1	5.719	4.782	1174131	928727	18.372	18.344
17) L4 AR-1242-2	5.745	4.801	1435941	760393	15.859	10.950 #
18) L4 AR-1242-3	5.806	4.980	618260	520280	10.981	13.510
19) L4 AR-1242-4	5.905	5.063	767619	5887994	16.435	149.506 #
20) L4 AR-1242-5	6.655	5.592	14388237	45644124	286.072	933.090 #
21) L5 AR-1248-1	5.719	4.782	1174131	928727	25.237	25.449
22) L5 AR-1248-2	5.996	5.021	23911790	17828819	344.872	341.079
23) L5 AR-1248-3	6.204	5.063	14492596	5887994	190.819	106.044 #
24) L5 AR-1248-4	6.612	5.237	20355967	12561106	246.125	190.820
25) L5 AR-1248-5	6.655	5.632	14388237	5961225	178.774	92.677 #
26) L6 AR-1254-1	6.586	5.592	40919446	45644124	479.486	461.430
27) L6 AR-1254-2	6.807	5.740	60633337	39587697	475.085	460.628
28) L6 AR-1254-3	7.177	6.147	63045758	65320509	474.327	455.746
29) L6 AR-1254-4	7.465	6.376	46355376	39749867	471.383	456.040
30) L6 AR-1254-5	7.888	6.797	51252208	59246981	473.054	467.542
31) L7 AR-1260-1	7.343	6.278	28179016	32126083	268.820	320.060
32) L7 AR-1260-2	7.601	6.466	31004380	25695938	256.434	215.381
33) L7 AR-1260-3	7.950	6.621	9475825	27081592	102.231	236.532 #
34) L7 AR-1260-4	8.183	7.097	22439905	3066139	211.596	32.214 #
35) L7 AR-1260-5	8.530	7.338	7288297	7113601	37.662	32.825
36) L8 AR-1262-1	7.950	6.888	9475825	1852367	75.967	34.593 #
37) L8 AR-1262-2	8.530	7.097	7288297	3066139	34.792	25.995 #
38) L8 AR-1262-3	8.875f	7.625	6571038	482512	43.420	5.233 #
39) L8 AR-1262-4	8.923f	7.686	1553783	7047647	12.983	41.835 #
40) L8 AR-1262-5	0.000	8.189	0	276328	N.D.	3.567 #
41) L9 AR-1268-1	8.875f	7.625	6571038	482512	24.768	1.775 #

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 Quant Time: Oct 03 00:22:38 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

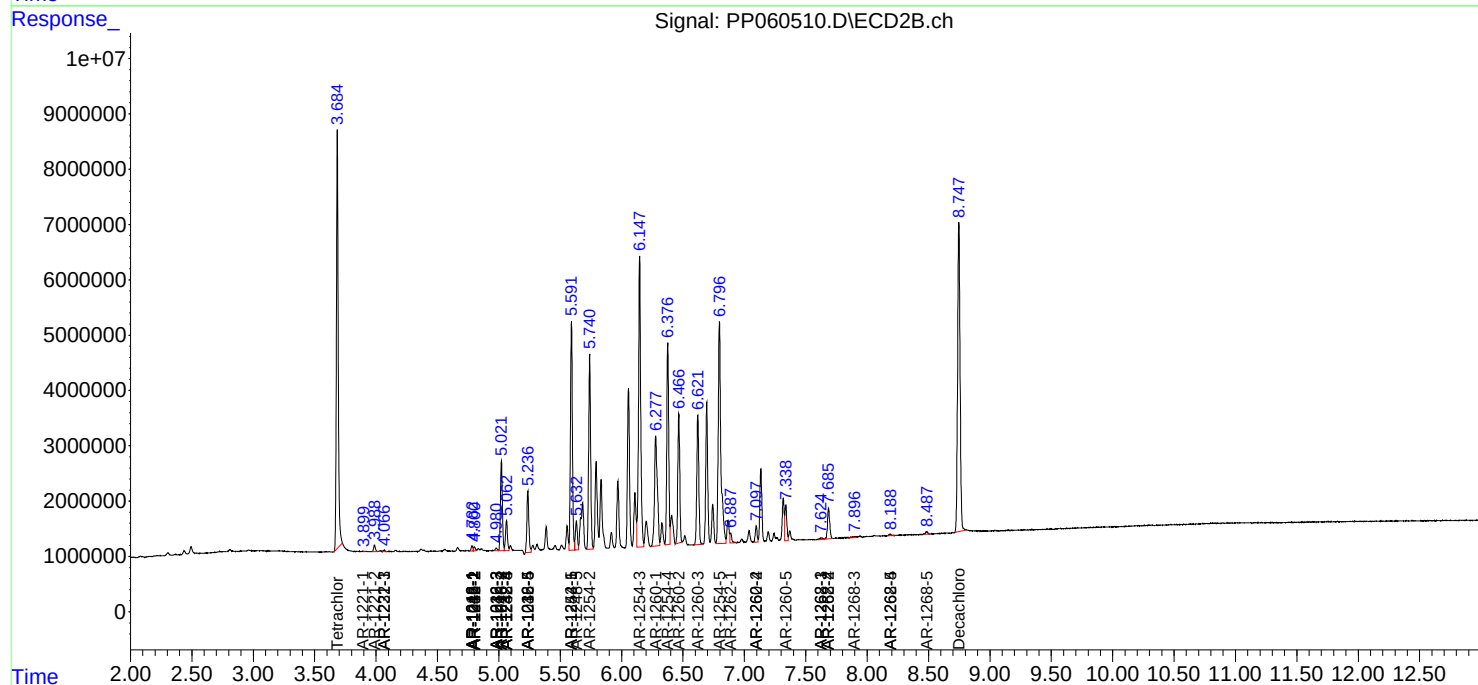
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

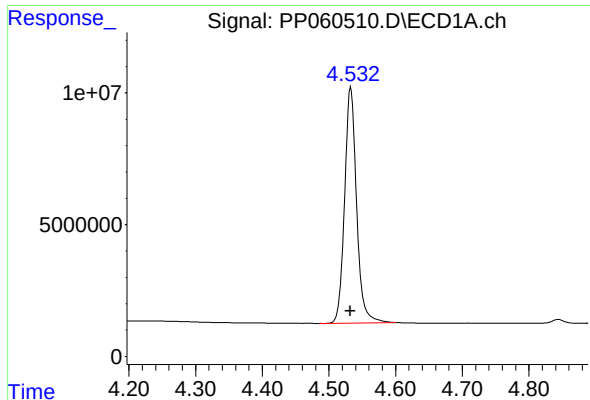
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.686	0	7047647	N.D.	28.899 #
43) L9	AR-1268-3	0.000	7.897	0	354550	N.D.	1.658 #
44) L9	AR-1268-4	0.000	8.189	0	276328	N.D.	3.149 #
45) L9	AR-1268-5	10.095	8.487	426739	652074	0.674	1.043 #

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

Instrument :
ECD_P
ClientSampleId :

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

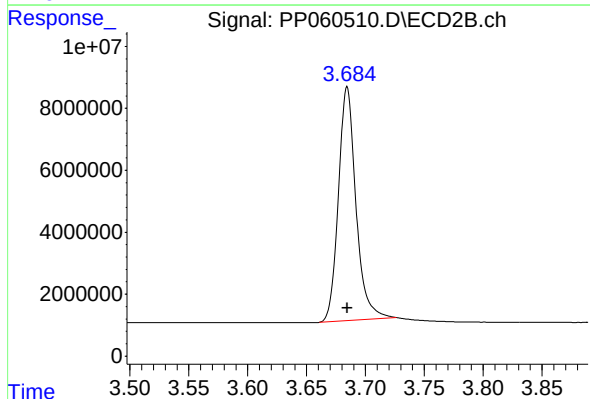




#1 Tetrachloro-m-xylene

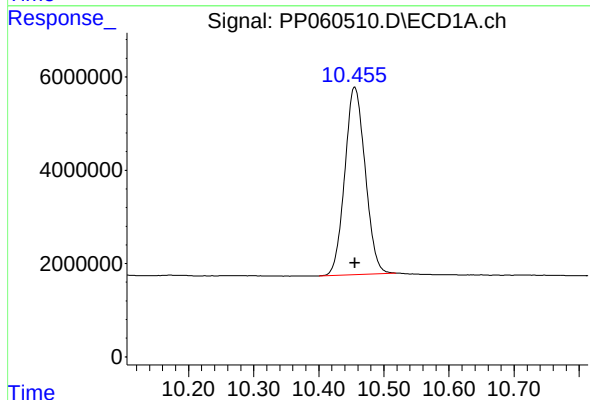
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 111892280
Conc: 49.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



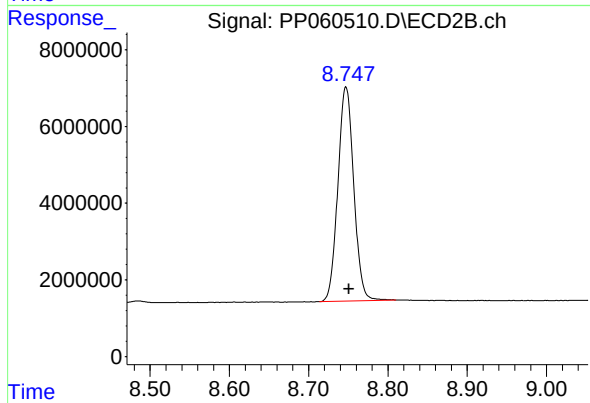
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 78302355
Conc: 52.60 ng/ml



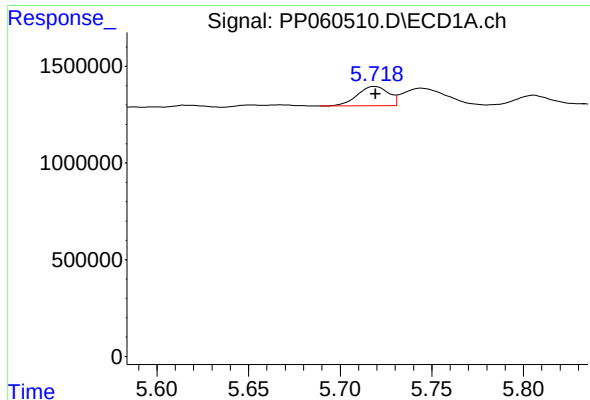
#2 Decachlorobiphenyl

R.T.: 10.455 min
Delta R.T.: 0.000 min
Response: 87389257
Conc: 49.50 ng/ml



#2 Decachlorobiphenyl

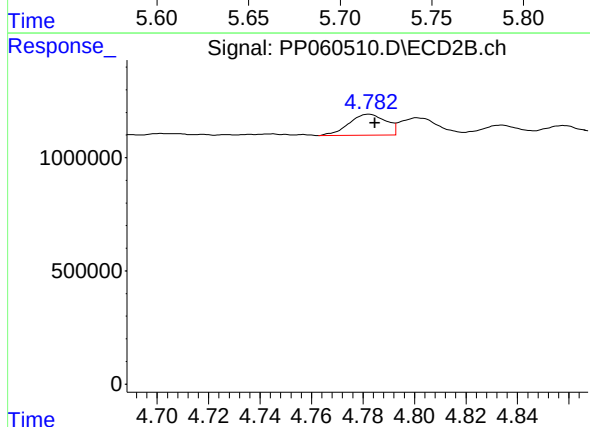
R.T.: 8.747 min
Delta R.T.: -0.004 min
Response: 77659400
Conc: 47.61 ng/ml



#3 AR-1016-1

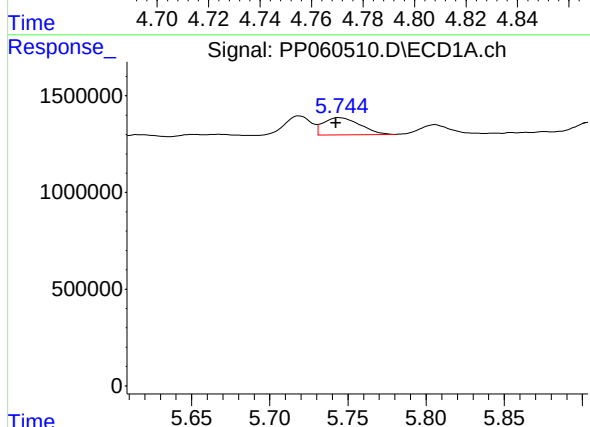
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1174131
Conc: 15.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



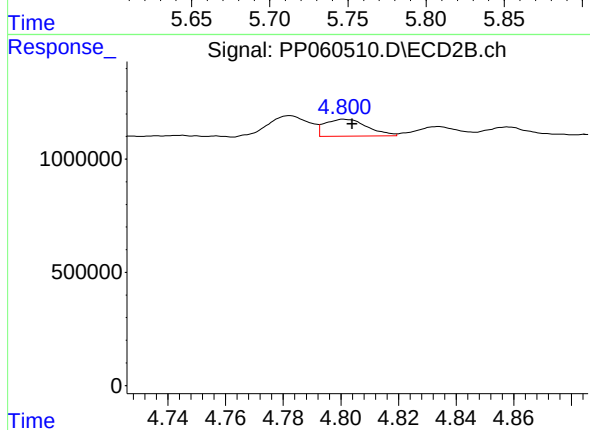
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 928727
Conc: 15.98 ng/ml



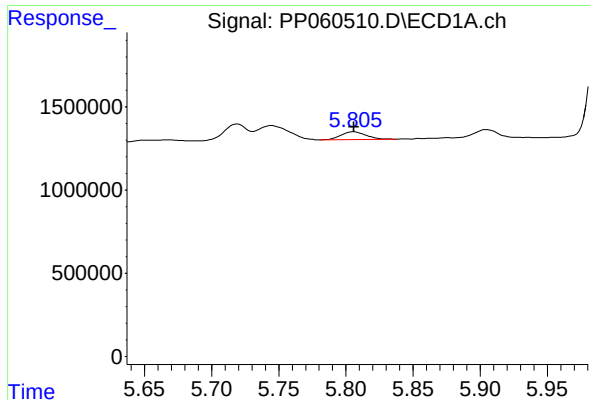
#4 AR-1016-2

R.T.: 5.745 min
Delta R.T.: 0.002 min
Response: 1435941
Conc: 13.71 ng/ml



#4 AR-1016-2

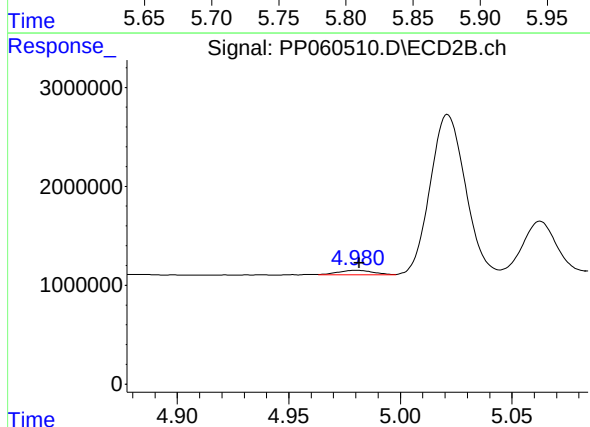
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 760393
Conc: 9.45 ng/ml



#5 AR-1016-3

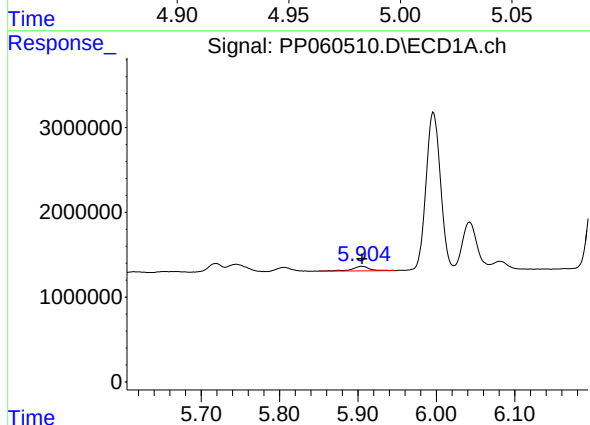
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 618260
Conc: 9.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



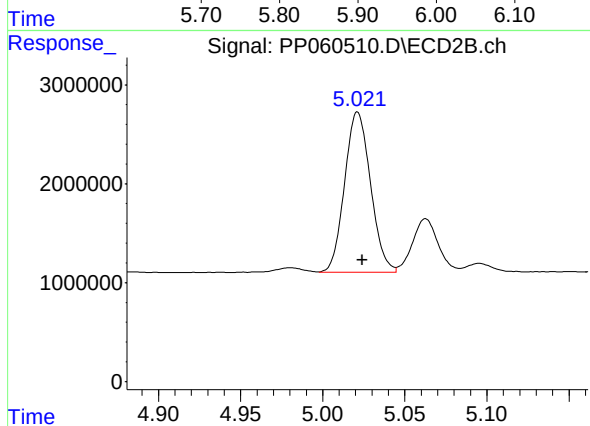
#5 AR-1016-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 520280
Conc: 11.64 ng/ml



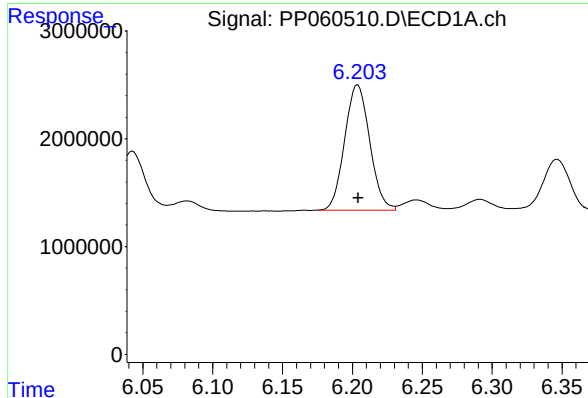
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 767619
Conc: 14.12 ng/ml



#6 AR-1016-4

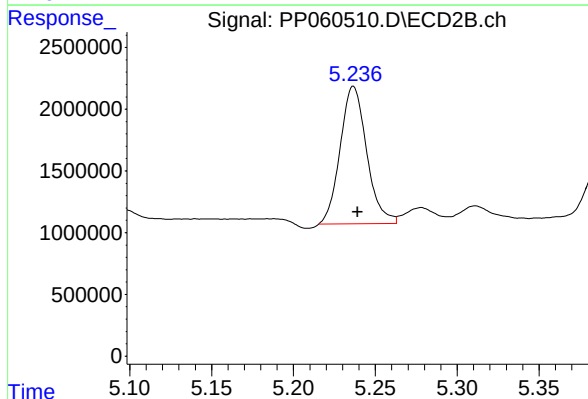
R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 17828819
Conc: 495.47 ng/ml



#7 AR-1016-5

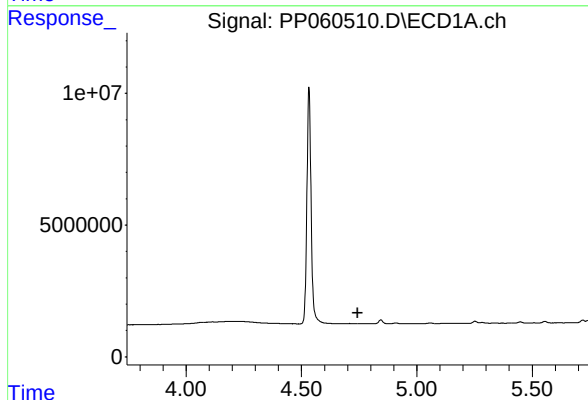
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 14492596
Conc: 260.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



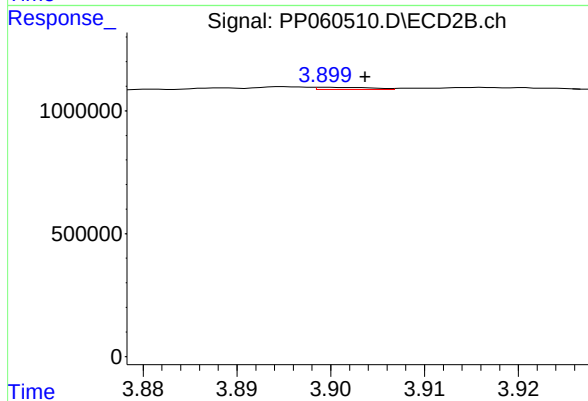
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 12561106
Conc: 258.51 ng/ml



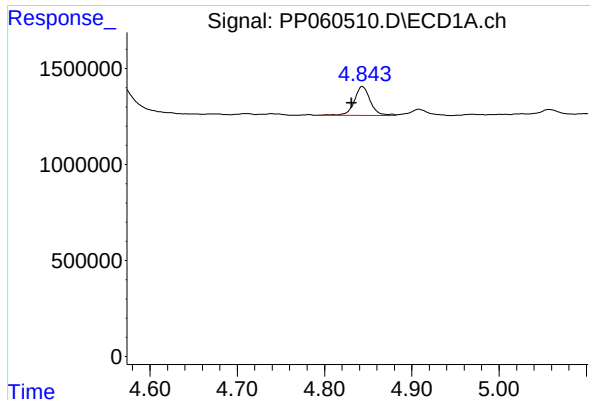
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

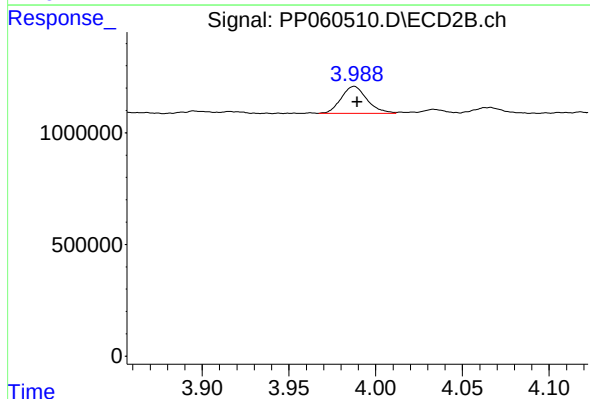
R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 35781
Conc: 1.71 ng/ml



#9 AR-1221-2

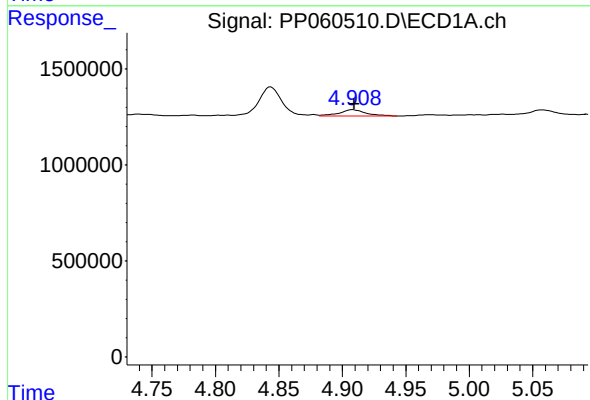
R.T.: 4.844 min
Delta R.T.: 0.013 min
Response: 1924451
Conc: 90.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



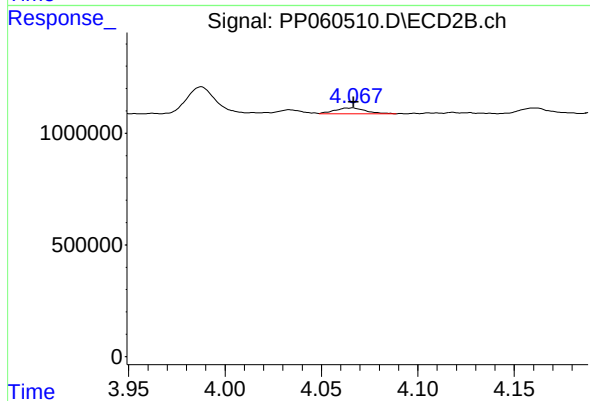
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 1264379
Conc: 84.80 ng/ml



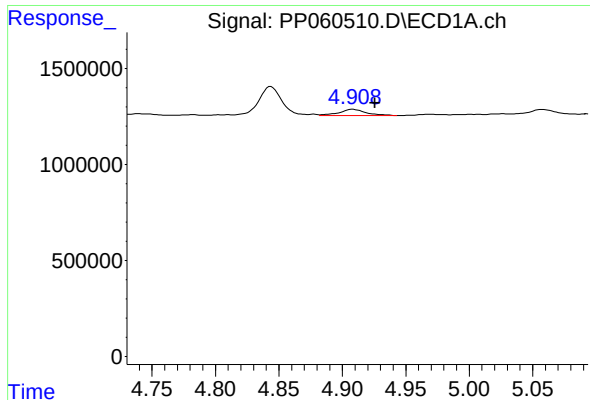
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.001 min
Response: 476343
Conc: 7.84 ng/ml



#10 AR-1221-3

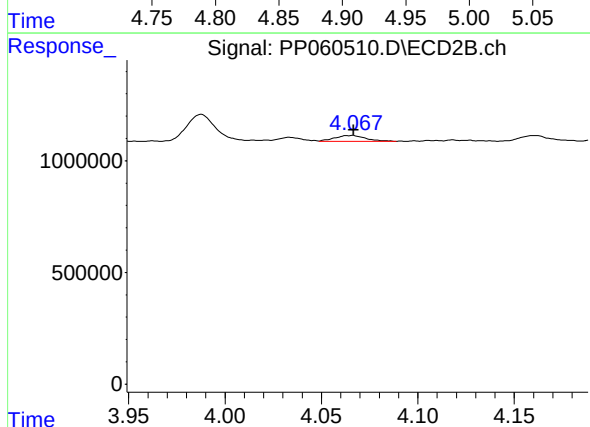
R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 302547
Conc: 6.89 ng/ml



#11 AR-1232-1

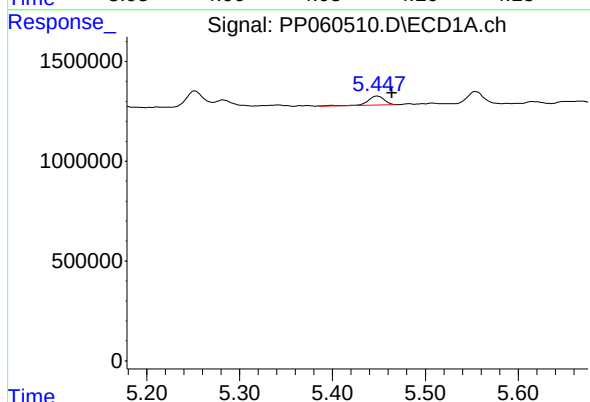
R.T.: 4.908 min
Delta R.T.: -0.017 min
Response: 476343
Conc: 9.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



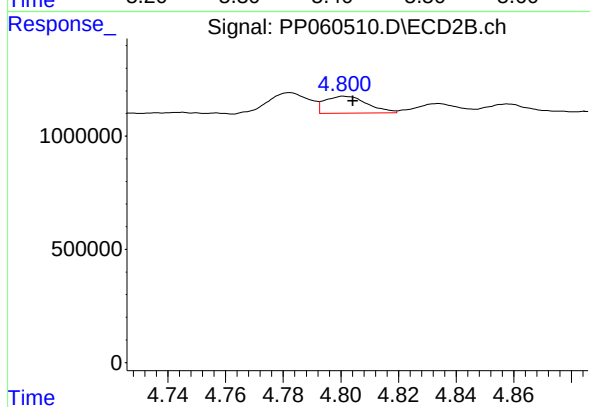
#11 AR-1232-1

R.T.: 4.066 min
Delta R.T.: 0.000 min
Response: 302547
Conc: 8.31 ng/ml



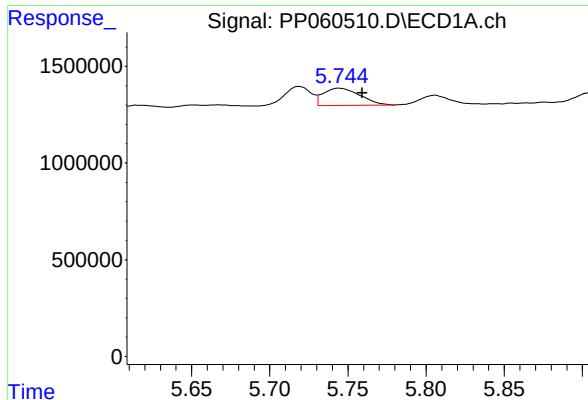
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 539549
Conc: 19.70 ng/ml



#12 AR-1232-2

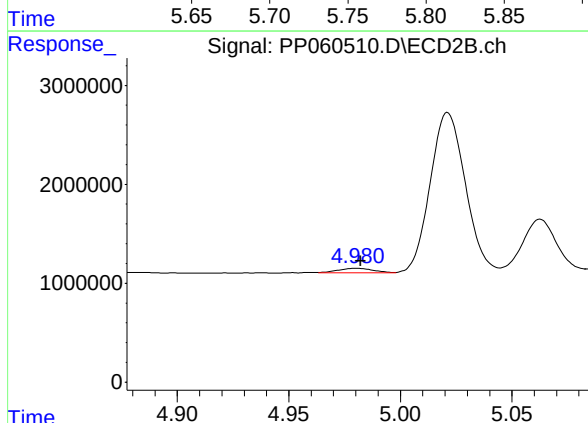
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 760393
Conc: 20.85 ng/ml



#13 AR-1232-3

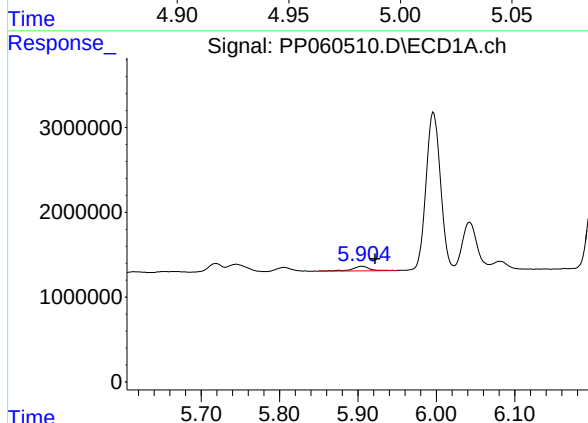
R.T.: 5.745 min
Delta R.T.: -0.014 min
Response: 1435941
Conc: 30.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



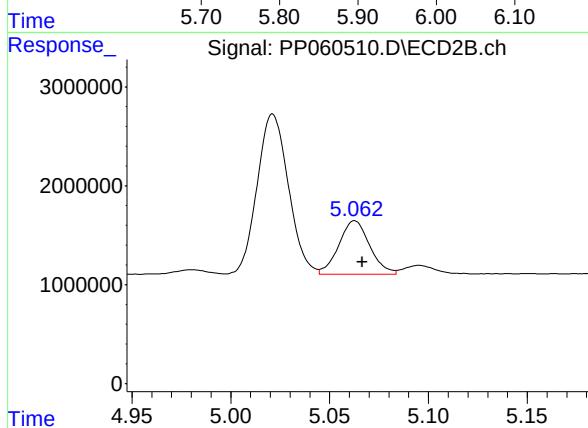
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 520280
Conc: 25.99 ng/ml



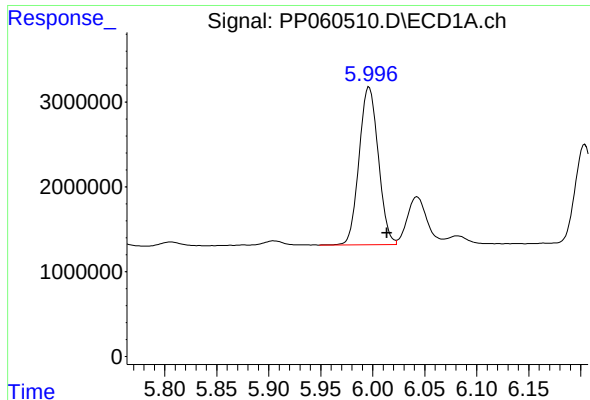
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.017 min
Response: 767619
Conc: 31.23 ng/ml



#14 AR-1232-4

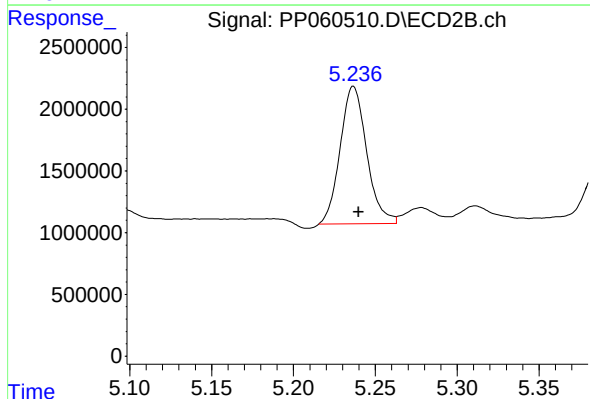
R.T.: 5.063 min
Delta R.T.: -0.004 min
Response: 5887994
Conc: 315.47 ng/ml



#15 AR-1232-5

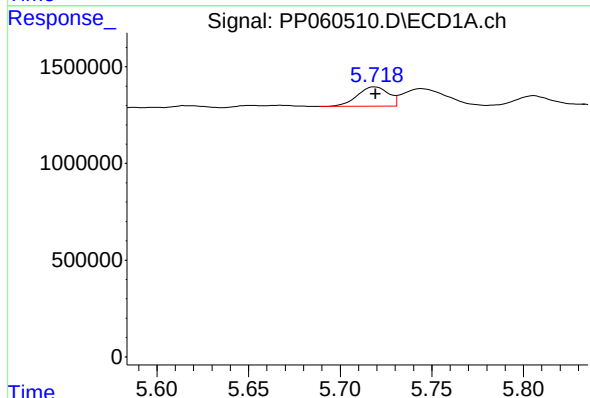
R.T.: 5.996 min
Delta R.T.: -0.017 min
Response: 23911790
Conc: 1153.95 ng/ml

Instrument : ECD_P
ClientSampleId :



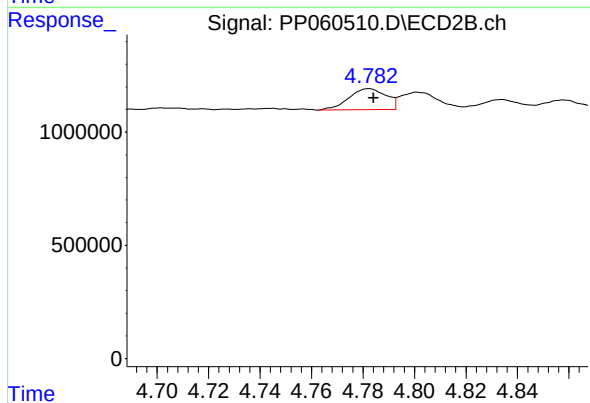
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 12561106
Conc: 603.92 ng/ml



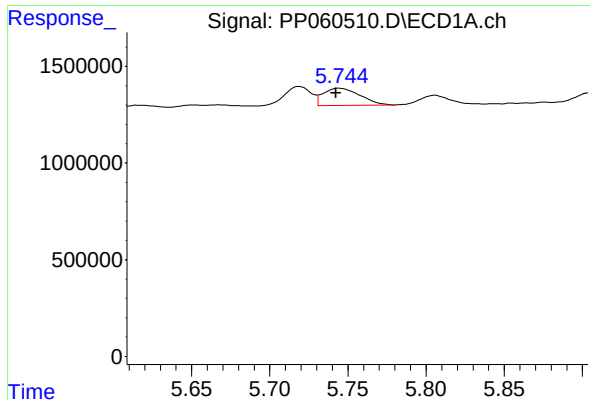
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1174131
Conc: 18.37 ng/ml



#16 AR-1242-1

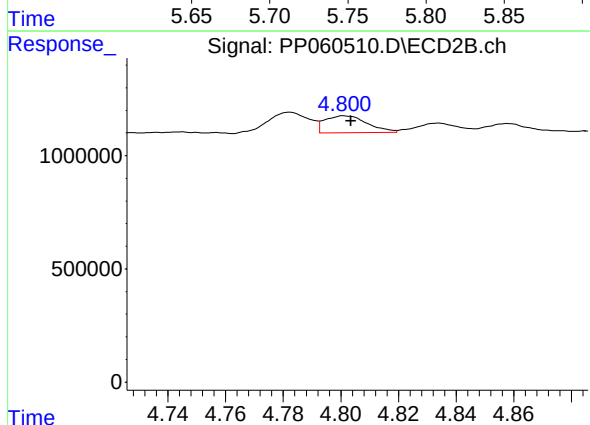
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 928727
Conc: 18.34 ng/ml



#17 AR-1242-2

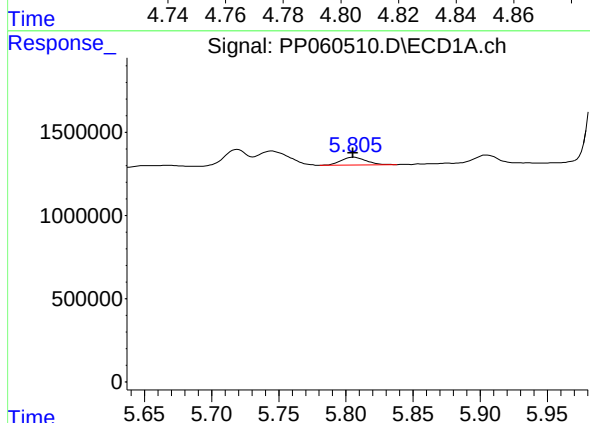
R.T.: 5.745 min
Delta R.T.: 0.002 min
Response: 1435941
Conc: 15.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



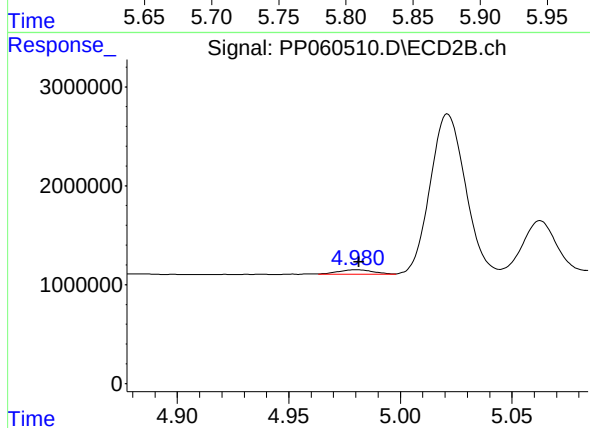
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 760393
Conc: 10.95 ng/ml



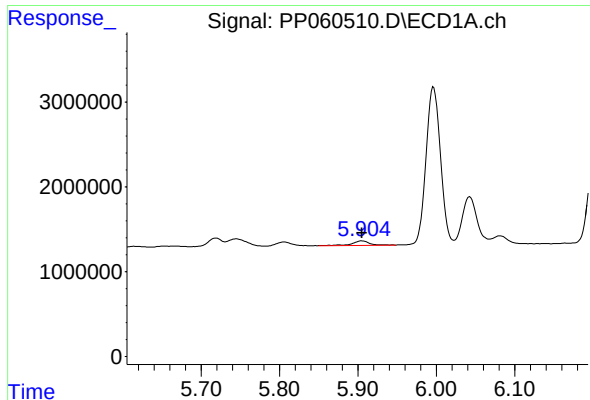
#18 AR-1242-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 618260
Conc: 10.98 ng/ml



#18 AR-1242-3

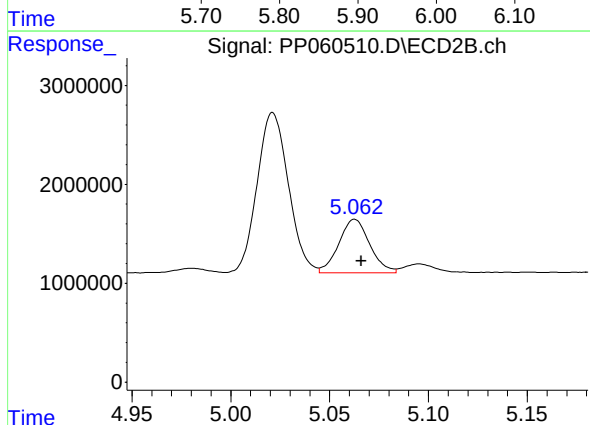
R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 520280
Conc: 13.51 ng/ml



#19 AR-1242-4

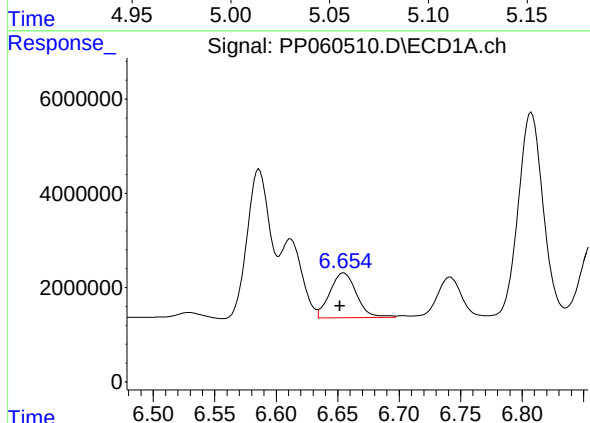
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 767619
Conc: 16.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



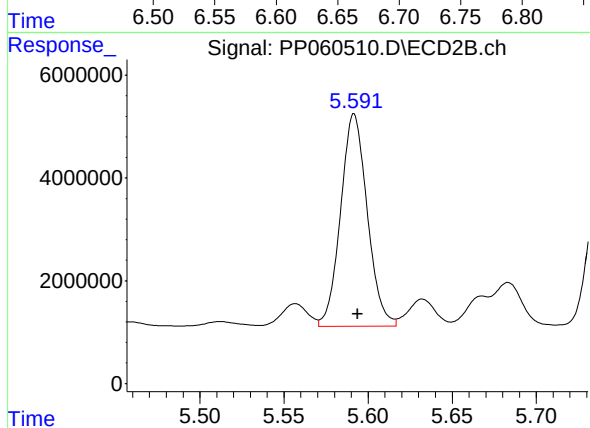
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 5887994
Conc: 149.51 ng/ml



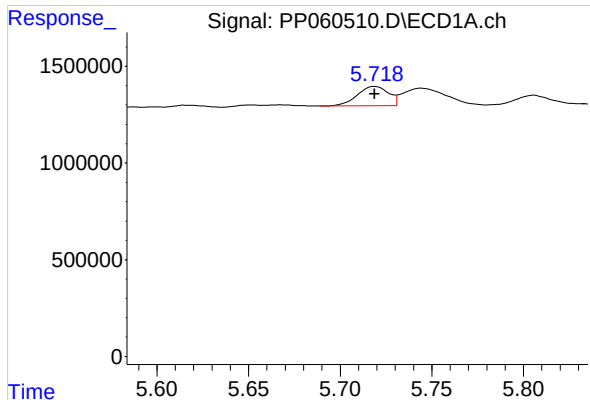
#20 AR-1242-5

R.T.: 6.655 min
Delta R.T.: 0.003 min
Response: 14388237
Conc: 286.07 ng/ml



#20 AR-1242-5

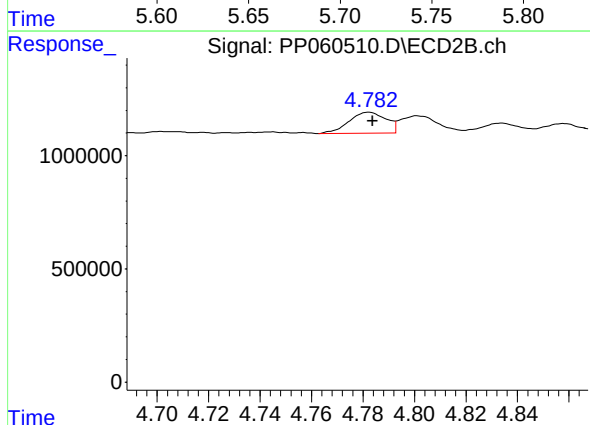
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 45644124
Conc: 933.09 ng/ml



#21 AR-1248-1

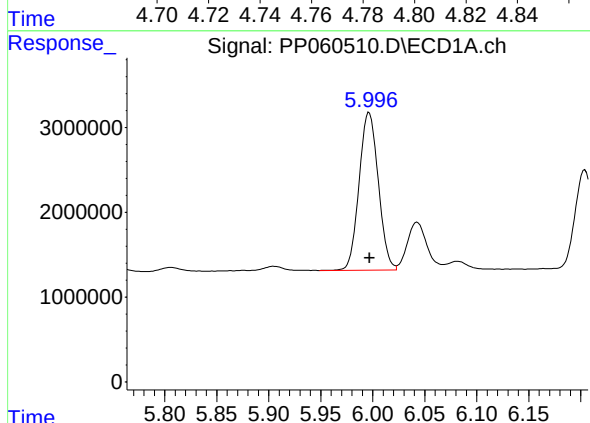
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 1174131
Conc: 25.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



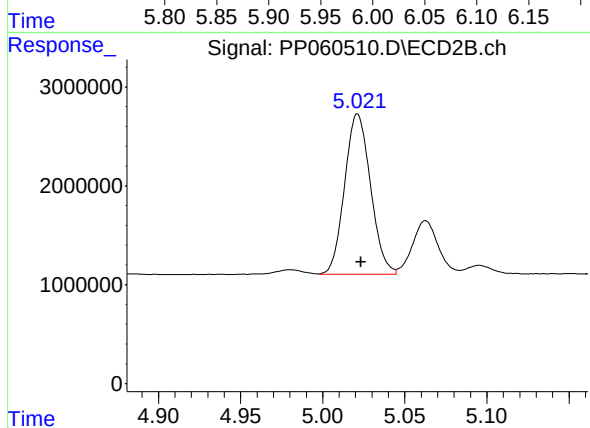
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 928727
Conc: 25.45 ng/ml



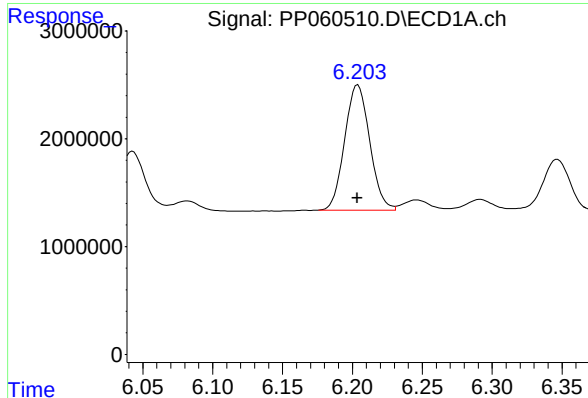
#22 AR-1248-2

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 23911790
Conc: 344.87 ng/ml



#22 AR-1248-2

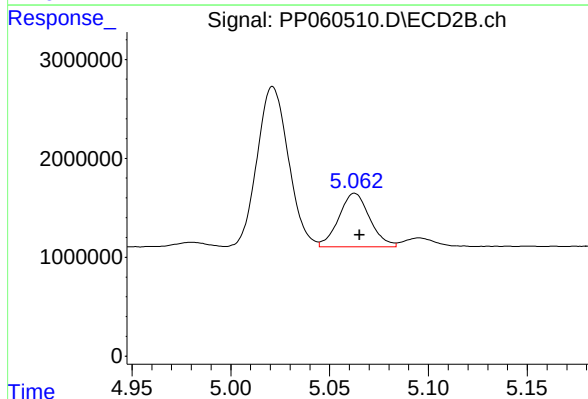
R.T.: 5.021 min
Delta R.T.: -0.002 min
Response: 17828819
Conc: 341.08 ng/ml



#23 AR-1248-3

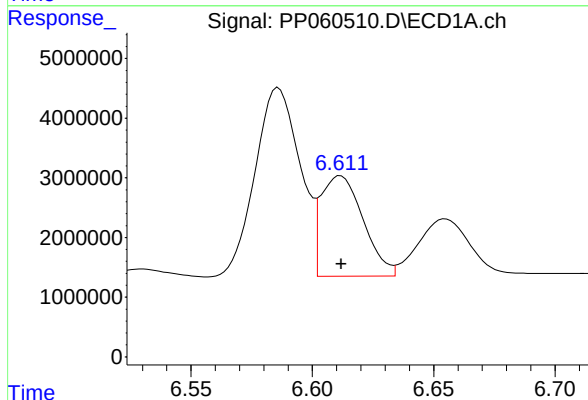
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 14492596
Conc: 190.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



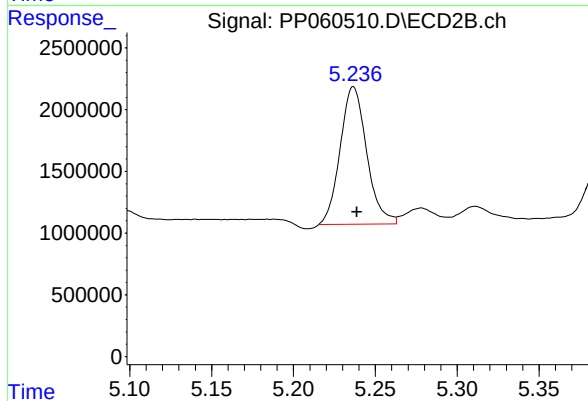
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 5887994
Conc: 106.04 ng/ml



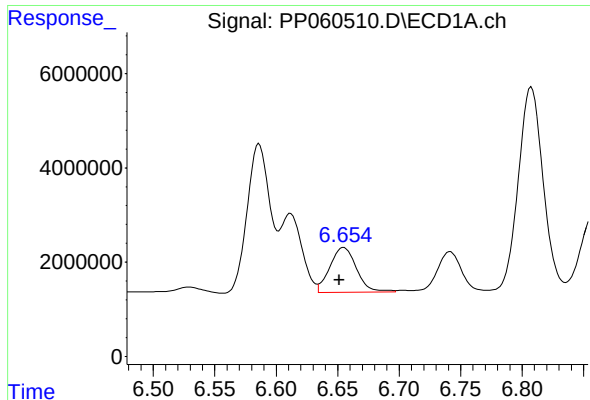
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 20355967
Conc: 246.12 ng/ml



#24 AR-1248-4

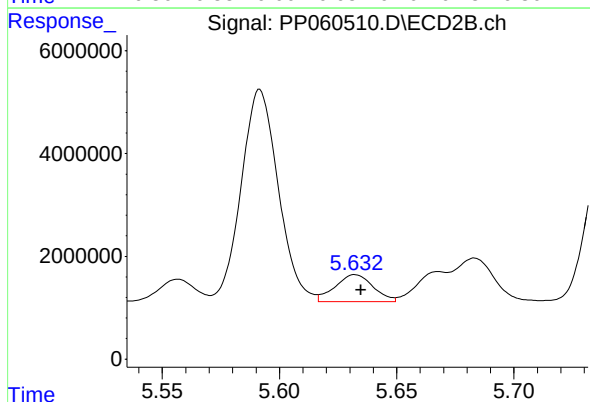
R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 12561106
Conc: 190.82 ng/ml



#25 AR-1248-5

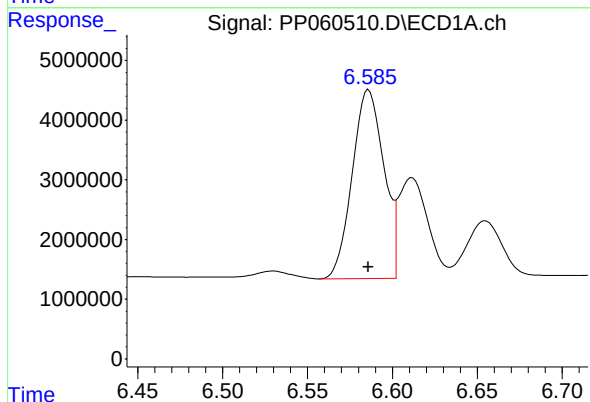
R.T.: 6.655 min
Delta R.T.: 0.004 min
Response: 14388237
Conc: 178.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



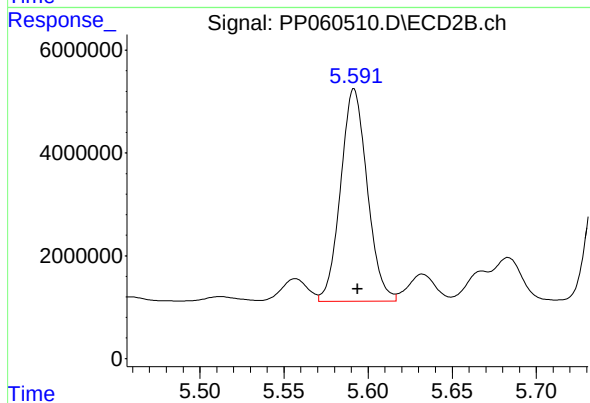
#25 AR-1248-5

R.T.: 5.632 min
Delta R.T.: -0.003 min
Response: 5961225
Conc: 92.68 ng/ml



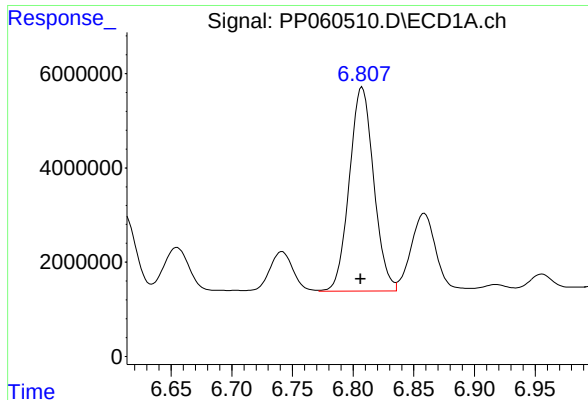
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 40919446
Conc: 479.49 ng/ml



#26 AR-1254-1

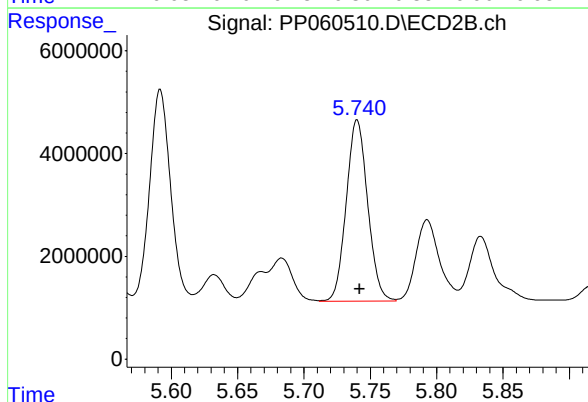
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 45644124
Conc: 461.43 ng/ml



#27 AR-1254-2

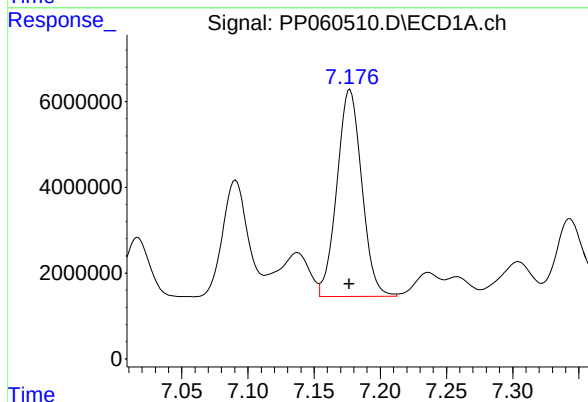
R.T.: 6.807 min
Delta R.T.: 0.001 min
Response: 60633337
Conc: 475.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



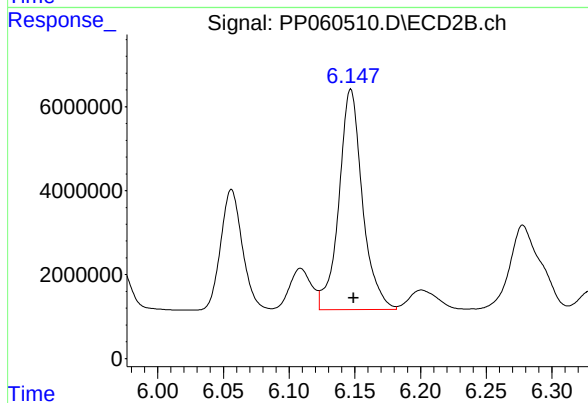
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 39587697
Conc: 460.63 ng/ml



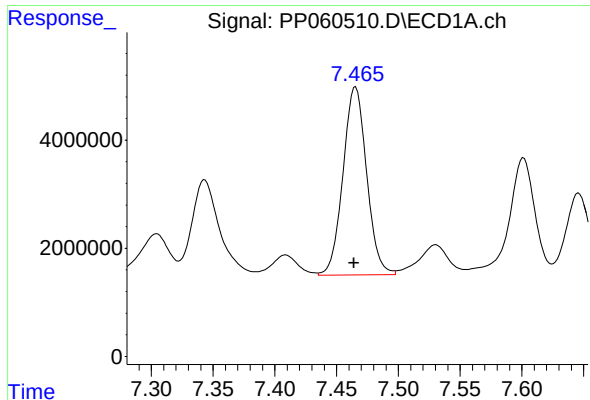
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 63045758
Conc: 474.33 ng/ml



#28 AR-1254-3

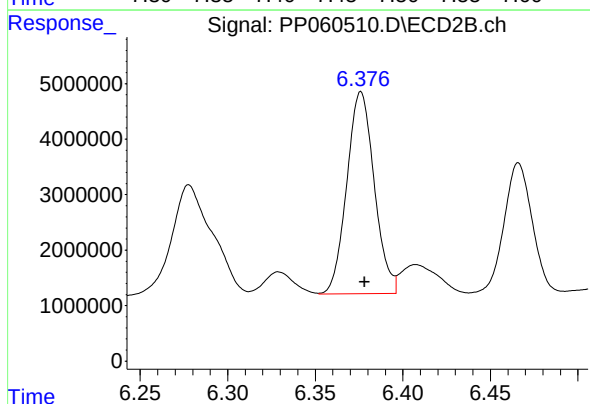
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 65320509
Conc: 455.75 ng/ml



#29 AR-1254-4

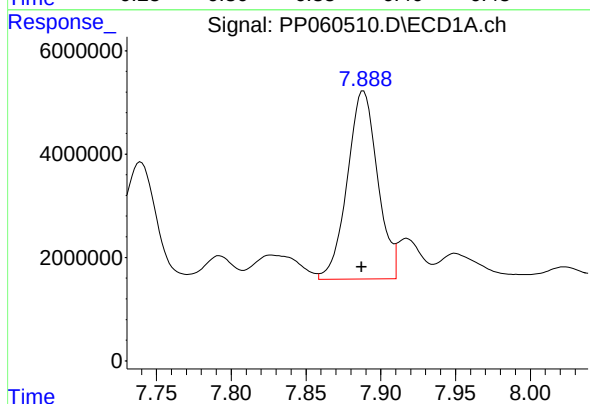
R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 46355376
Conc: 471.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



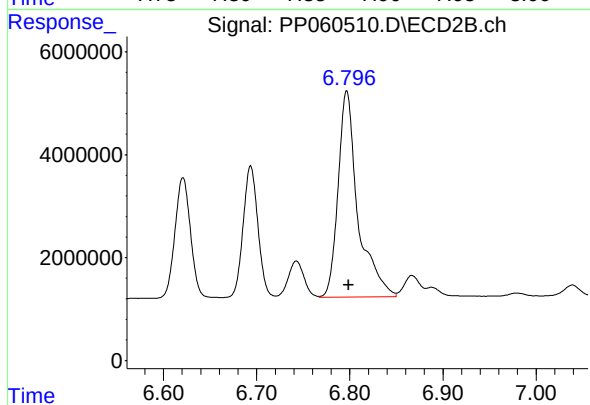
#29 AR-1254-4

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 39749867
Conc: 456.04 ng/ml



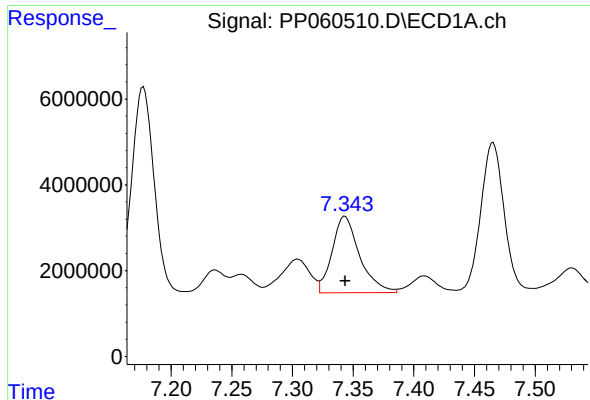
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.001 min
Response: 51252208
Conc: 473.05 ng/ml



#30 AR-1254-5

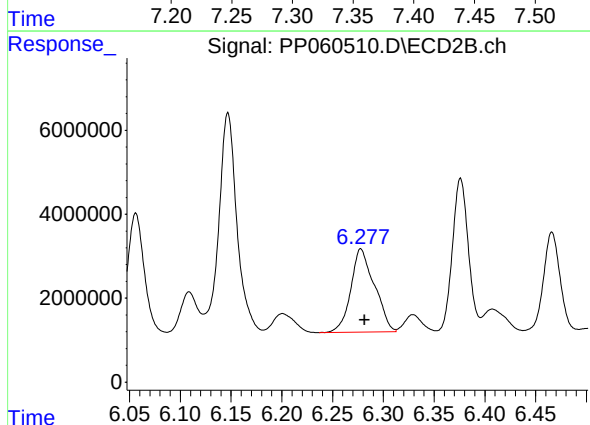
R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 59246981
Conc: 467.54 ng/ml



#31 AR-1260-1

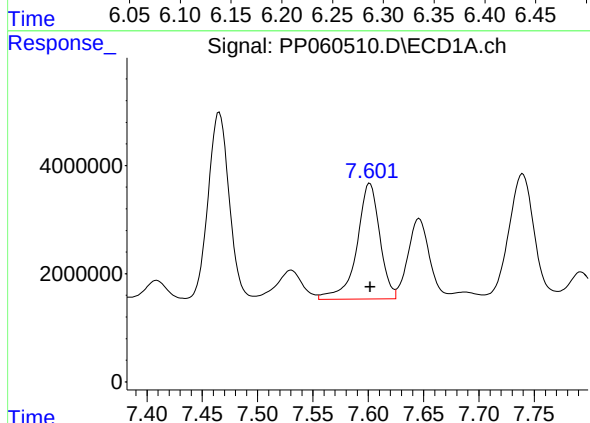
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 28179016
Conc: 268.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



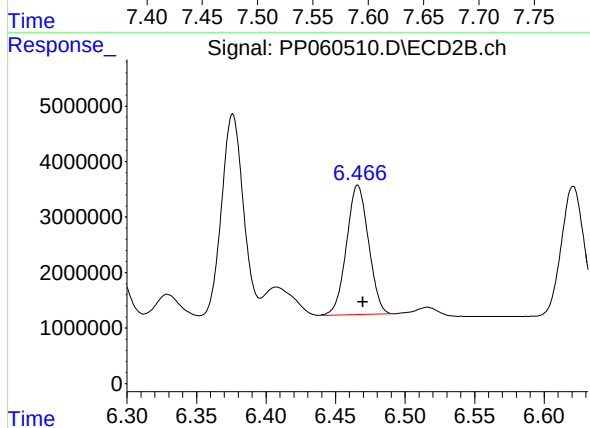
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 32126083
Conc: 320.06 ng/ml



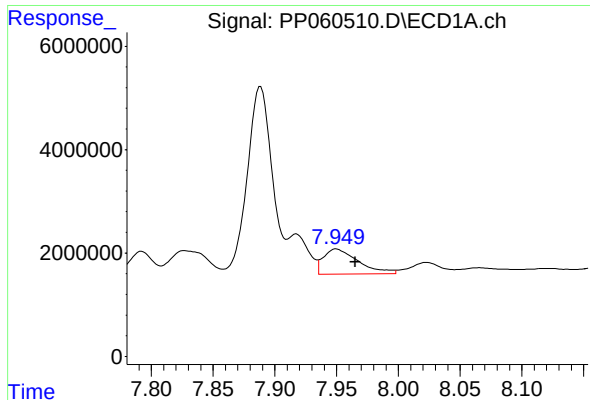
#32 AR-1260-2

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 31004380
Conc: 256.43 ng/ml



#32 AR-1260-2

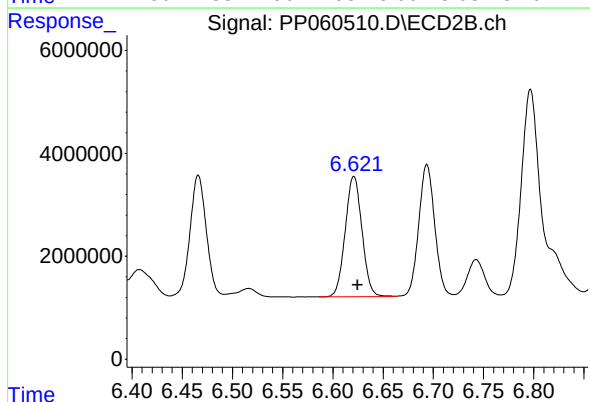
R.T.: 6.466 min
Delta R.T.: -0.004 min
Response: 25695938
Conc: 215.38 ng/ml



#33 AR-1260-3

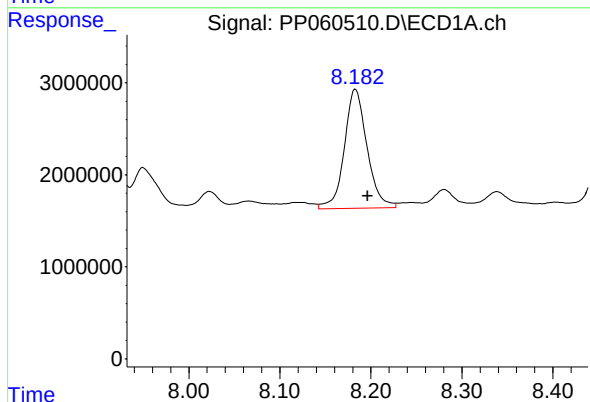
R.T.: 7.950 min
Delta R.T.: -0.015 min
Response: 9475825
Conc: 102.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



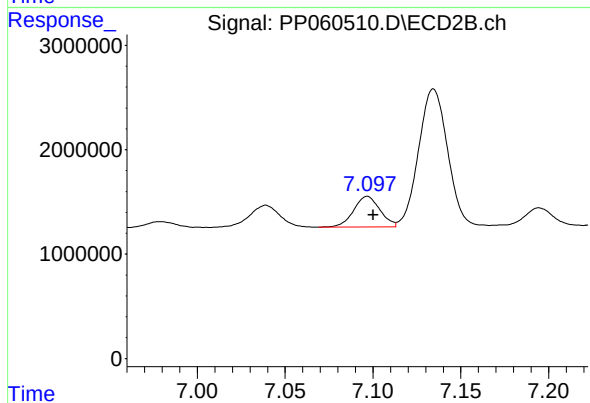
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 27081592
Conc: 236.53 ng/ml



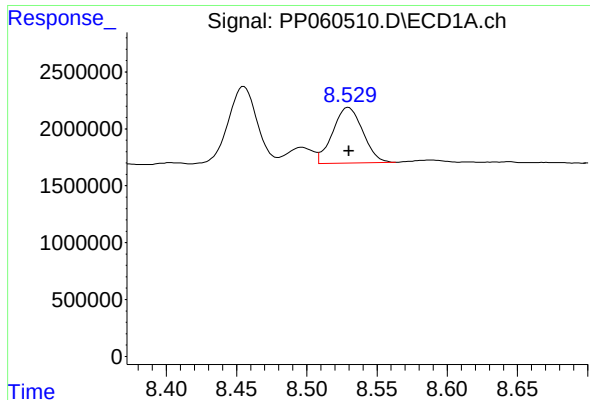
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 22439905
Conc: 211.60 ng/ml



#34 AR-1260-4

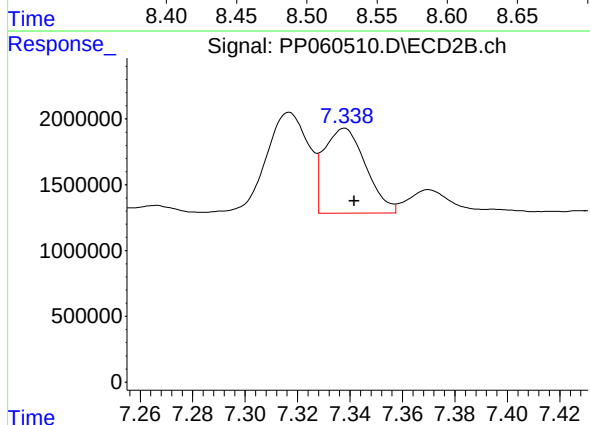
R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 3066139
Conc: 32.21 ng/ml



#35 AR-1260-5

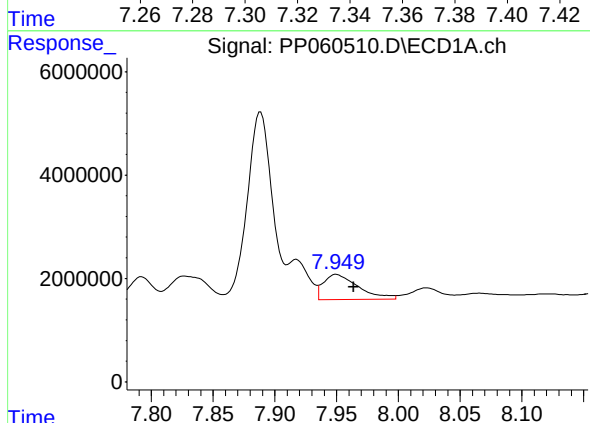
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7288297
Conc: 37.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



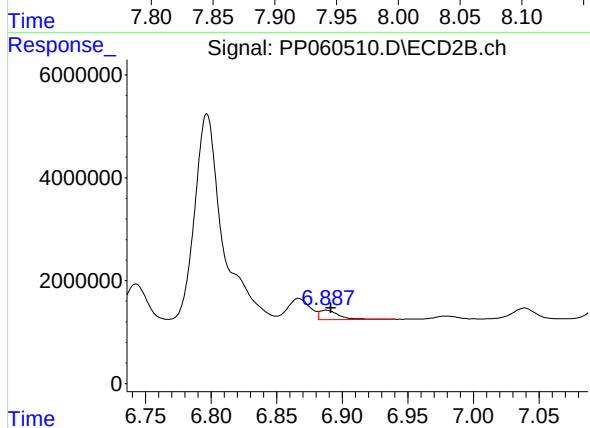
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.004 min
Response: 7113601
Conc: 32.82 ng/ml



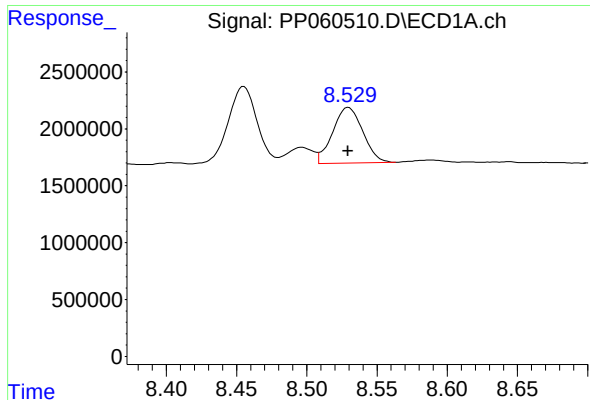
#36 AR-1262-1

R.T.: 7.950 min
Delta R.T.: -0.014 min
Response: 9475825
Conc: 75.97 ng/ml



#36 AR-1262-1

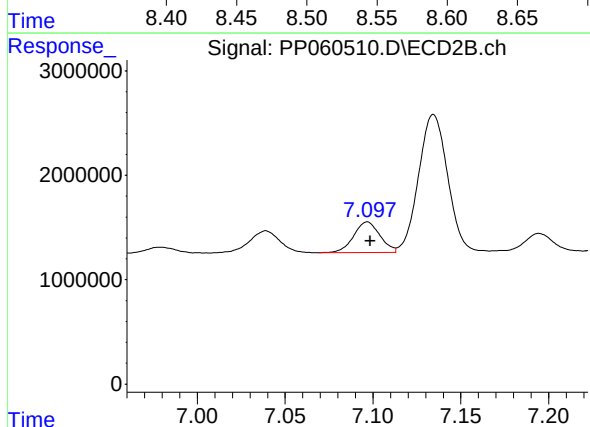
R.T.: 6.888 min
Delta R.T.: -0.003 min
Response: 1852367
Conc: 34.59 ng/ml



#37 AR-1262-2

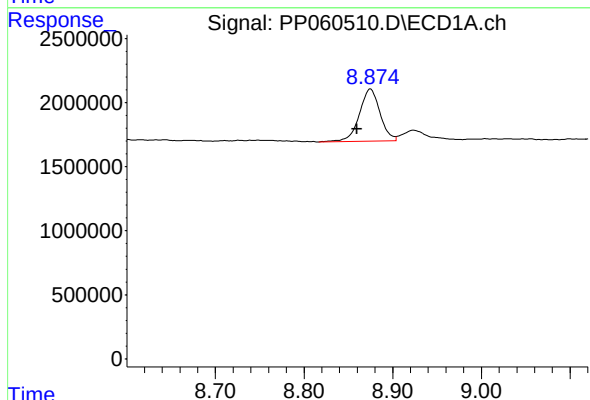
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 7288297
Conc: 34.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



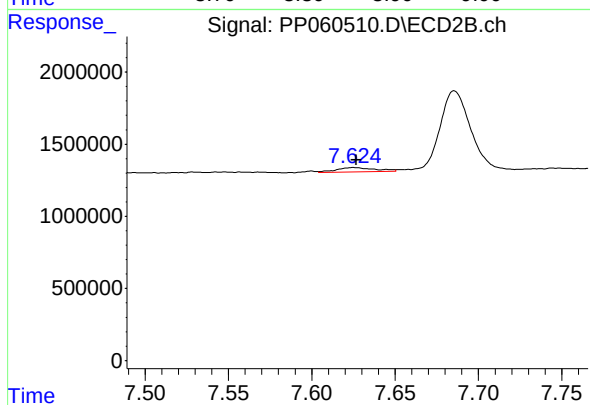
#37 AR-1262-2

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 3066139
Conc: 26.00 ng/ml



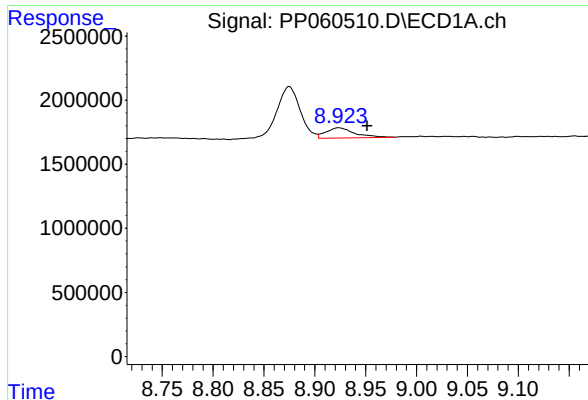
#38 AR-1262-3

R.T.: 8.875 min
Delta R.T.: 0.016 min
Response: 6571038
Conc: 43.42 ng/ml



#38 AR-1262-3

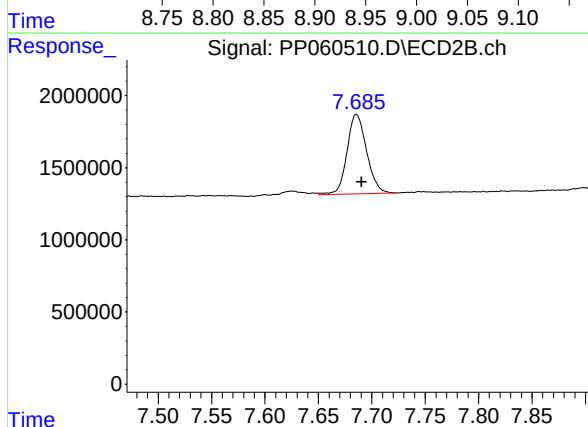
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 482512
Conc: 5.23 ng/ml



#39 AR-1262-4

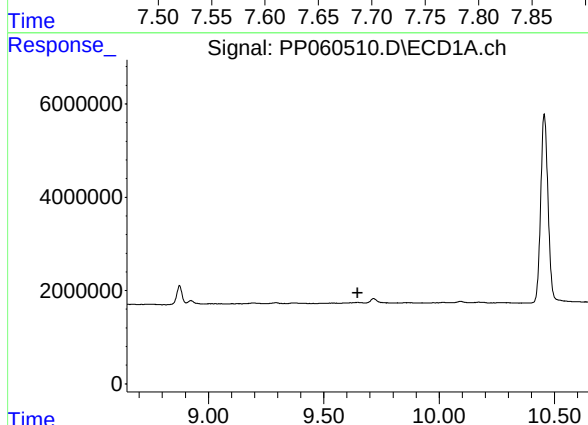
R.T.: 8.923 min
Delta R.T.: -0.029 min
Response: 1553783
Conc: 12.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



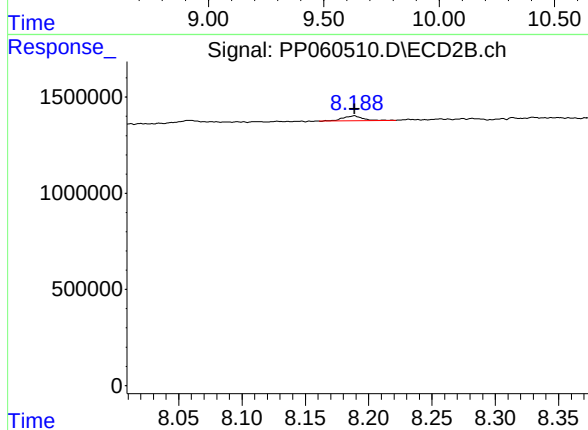
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 7047647
Conc: 41.84 ng/ml



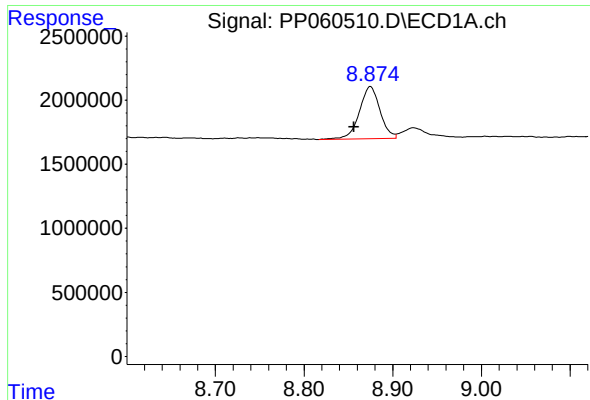
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

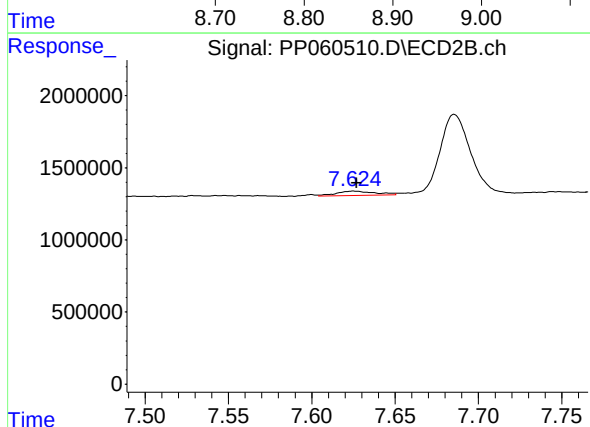
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 276328
Conc: 3.57 ng/ml



#41 AR-1268-1

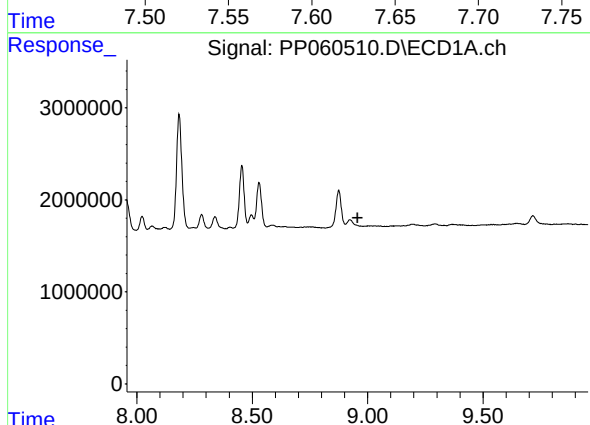
R.T.: 8.875 min
Delta R.T.: 0.019 min
Response: 6571038
Conc: 24.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



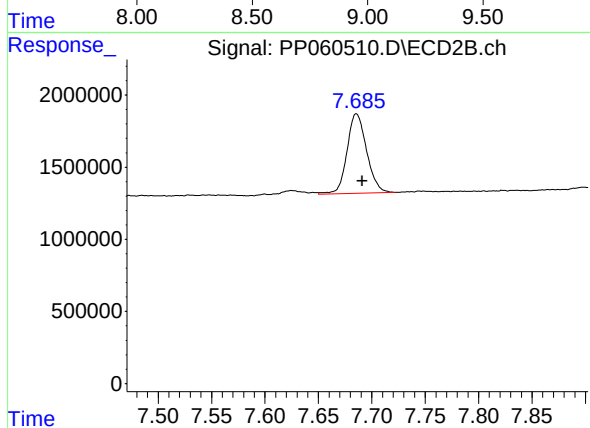
#41 AR-1268-1

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 482512
Conc: 1.78 ng/ml



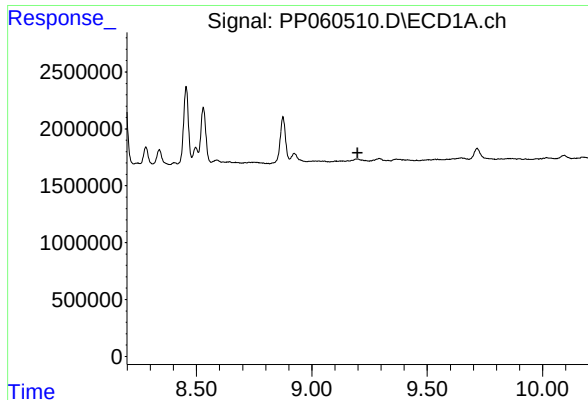
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.956 min
Response: 0
Conc: N.D.



#42 AR-1268-2

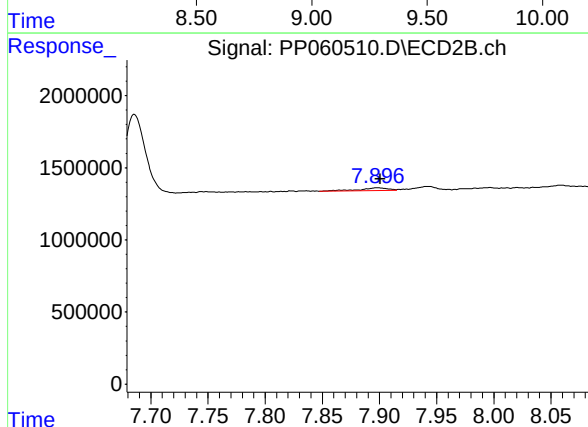
R.T.: 7.686 min
Delta R.T.: -0.006 min
Response: 7047647
Conc: 28.90 ng/ml



#43 AR-1268-3

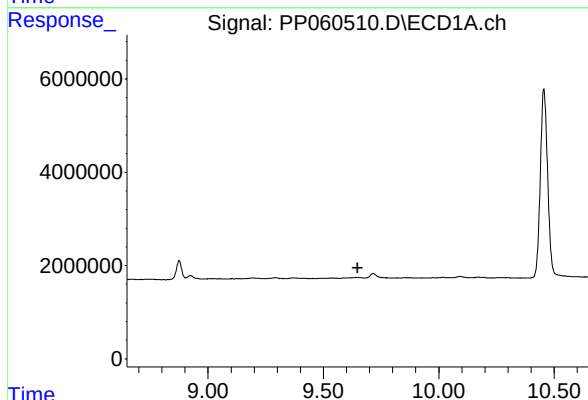
R.T.: 0.000 min
Exp R.T.: 9.198 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



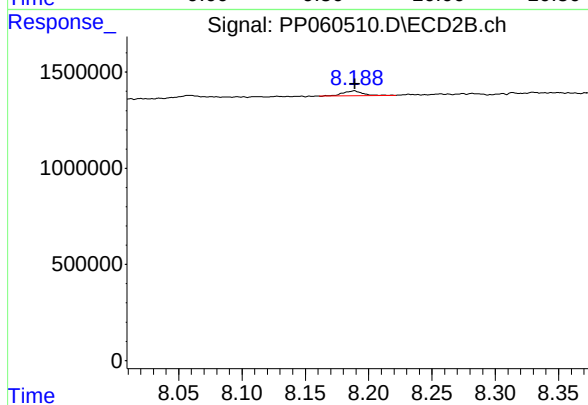
#43 AR-1268-3

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 354550
Conc: 1.66 ng/ml



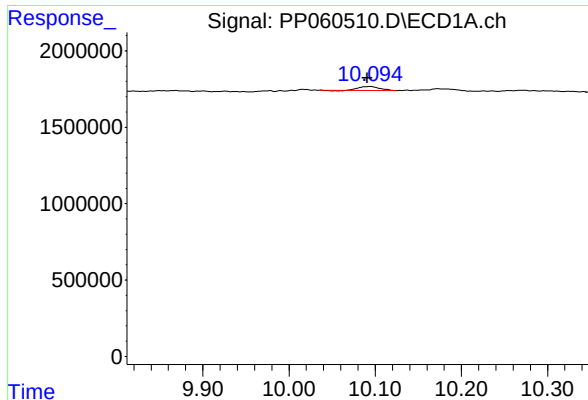
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

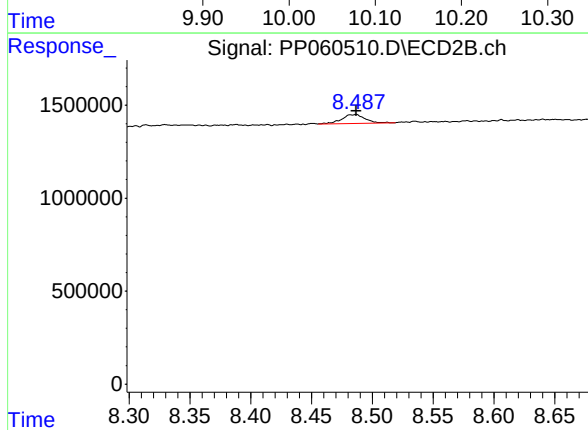
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 276328
Conc: 3.15 ng/ml



#45 AR-1268-5

R.T.: 10.095 min
Delta R.T.: 0.004 min
Response: 426739
Conc: 0.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 652074
Conc: 1.04 ng/ml