

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101823\
 Data File : PP061046.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2023 19:36
 Operator : YP\AJ
 Sample : 04938-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 01:18:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 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...	4.552	3.687	40367879	23949073	18.363	17.714
2)	SA Decachlor...	10.508	8.751	15623491	16385530	9.977	10.898
Target Compounds							
3)	L1 AR-1016-1	5.769f	0.000	3231653	0	45.015	N.D. #
4)	L1 AR-1016-2	5.769	0.000	3231653	0	31.507	N.D. #
5)	L1 AR-1016-3	5.812f	0.000	982109	0	15.716	N.D. #
6)	L1 AR-1016-4	5.936	5.026	2420668	1133722	47.387	35.050 #
7)	L1 AR-1016-5	6.228	5.241	943061	488025	18.653	11.688 #
8)	L2 AR-1221-1	4.763	3.912	13980520	2986641	497.723	146.420 #
9)	L2 AR-1221-2	4.864	3.976	816334	7930911	39.305	539.885 #
12)	L3 AR-1232-2	5.445f	0.000	16191033	0	607.023	N.D. #
13)	L3 AR-1232-3	5.769	0.000	3231653	0	68.864	N.D. #
14)	L3 AR-1232-4	5.936	5.066	2420668	827036	103.464	49.232 #
15)	L3 AR-1232-5	6.021	5.241	2259999	488025	115.966	25.980 #
16)	L4 AR-1242-1	5.769f	0.000	3231653	0	57.525	N.D. #
17)	L4 AR-1242-2	5.769	0.000	3231653	0	40.624	N.D. #
18)	L4 AR-1242-3	5.812f	0.000	982109	0	19.783	N.D. #
19)	L4 AR-1242-4	5.936	5.066	2420668	827036	60.598	26.324 #
20)	L4 AR-1242-5	6.683	5.597	4900827	14109863	120.781	360.866 #
21)	L5 AR-1248-1	5.769f	0.000	3231653	0	74.427	N.D. #
22)	L5 AR-1248-2	6.021	5.026	2259999	1133722	34.952	25.880 #
23)	L5 AR-1248-3	6.228	5.066	943061	827036	13.431	17.841 #
24)	L5 AR-1248-4	6.611f	5.241	21755416	488025	284.731	8.828 #
25)	L5 AR-1248-5	6.683	5.639	4900827	7287873	66.413	139.797 #
26)	L6 AR-1254-1	6.611	5.597	21755416	14109863	275.075	182.625 #
27)	L6 AR-1254-2	6.834	5.745	39772342	15861943	333.862	228.933 #
28)	L6 AR-1254-3	7.204	6.152	36200482	35928757	295.900	317.528
29)	L6 AR-1254-4	7.491	6.381	17919992	11157272	203.591	162.384
30)	L6 AR-1254-5	7.915	6.802	54695990	44742947	550.815	418.278
31)	L7 AR-1260-1	7.370	6.283	19392574	20170366	207.173	243.748
32)	L7 AR-1260-2	7.628	6.477	29979744	38841181	276.139	394.436 #
33)	L7 AR-1260-3	7.987	6.625	40190172	18126381	578.261	191.676 #
34)	L7 AR-1260-4	8.236	7.101	50319289	6613609	589.860	92.275 #
35)	L7 AR-1260-5	8.561	7.343	18770626	15019647	116.340	89.552
36)	L8 AR-1262-1	7.987	6.892	40190172	3566451	319.976	74.815 #
37)	L8 AR-1262-2	8.561	7.101	18770626	6613609	84.837	62.792 #
38)	L8 AR-1262-3	8.906	7.630	13243408	5420880	88.188	64.752 #
39)	L8 AR-1262-4	8.981	7.693	9705211	17537706	85.808	115.978 #
40)	L8 AR-1262-5	9.692	8.193	8709738	6637002	115.755	93.772
41)	L9 AR-1268-1	8.906	7.630	13243408	5420880	50.824	22.595 #
42)	L9 AR-1268-2	8.981	7.693	9705211	17537706	41.392	81.739 #
43)	L9 AR-1268-3	9.238	7.918	1591193	2760481	7.781	14.573 #

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Integration File signal 1: autoint1.e
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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
44) L9	AR-1268-4	9.692	8.193	8709738	6637002	108.134	86.613
45) L9	AR-1268-5	10.139	8.491	2800872	2514398	4.390	4.553

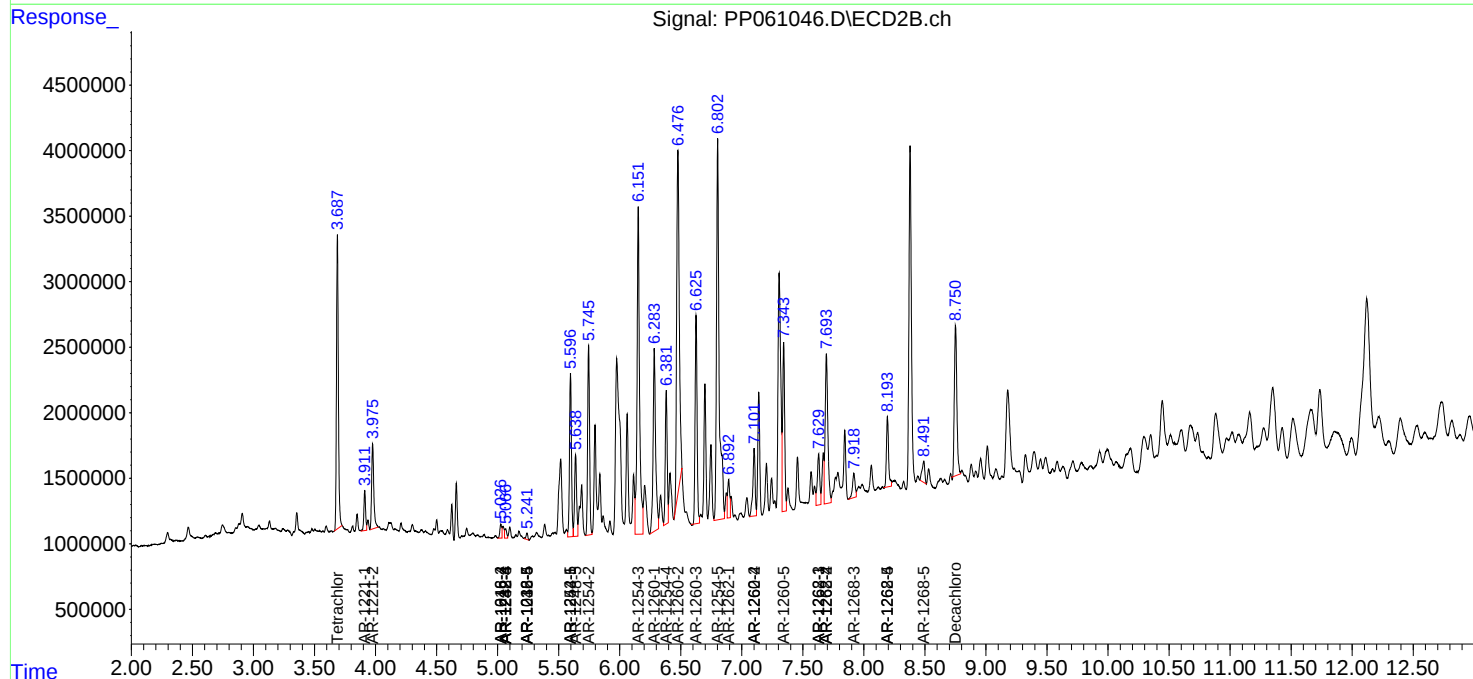
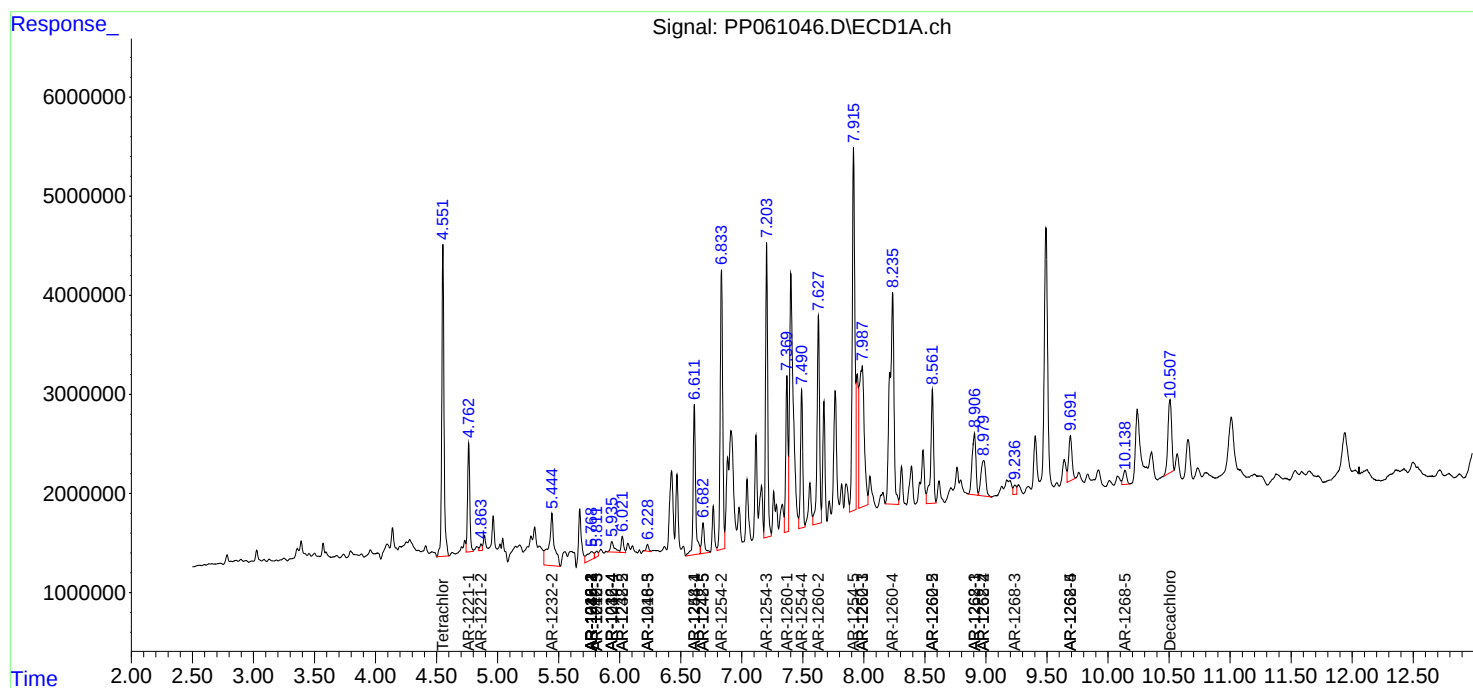
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

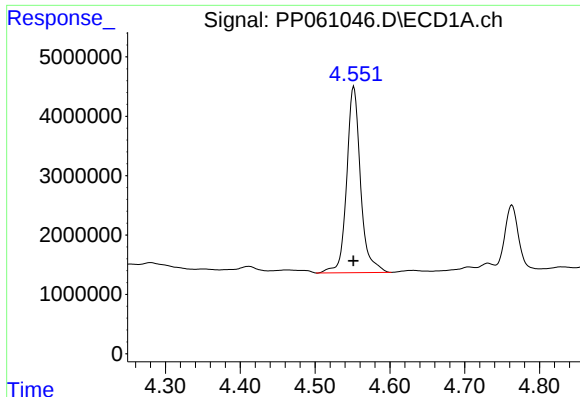
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101823\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

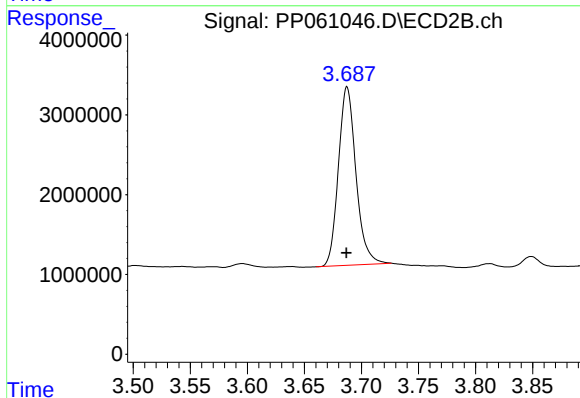




#1 Tetrachloro-m-xylene

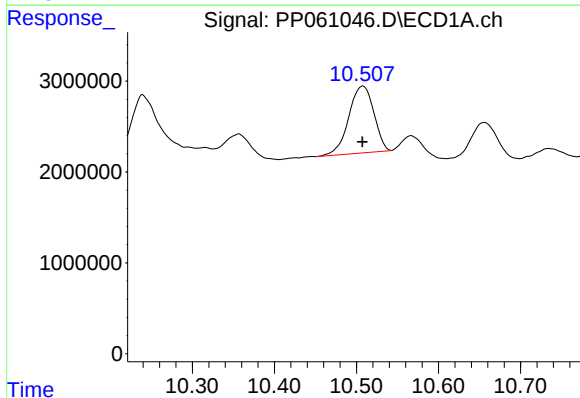
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 40367879
Conc: 18.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



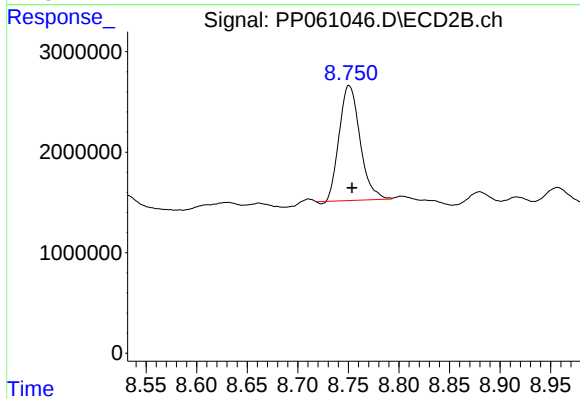
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 23949073
Conc: 17.71 ng/ml



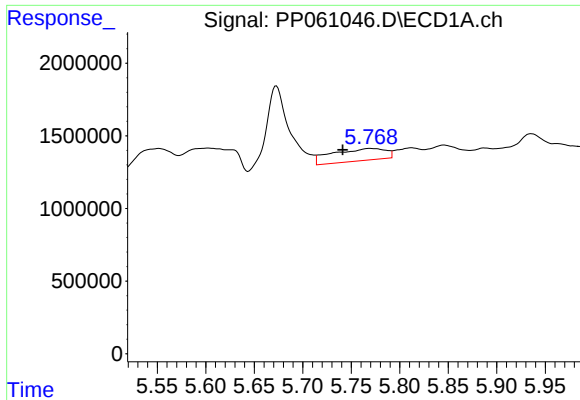
#2 Decachlorobiphenyl

R.T.: 10.508 min
Delta R.T.: 0.000 min
Response: 15623491
Conc: 9.98 ng/ml



#2 Decachlorobiphenyl

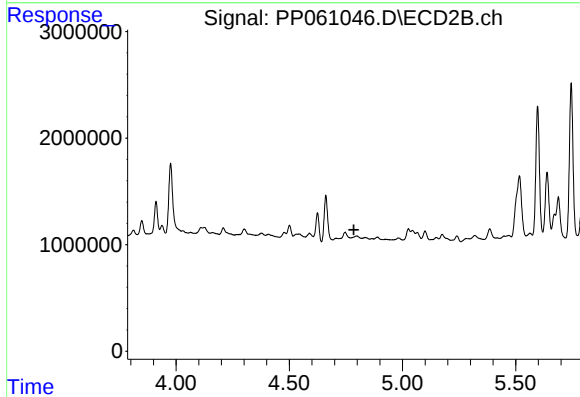
R.T.: 8.751 min
Delta R.T.: -0.003 min
Response: 16385530
Conc: 10.90 ng/ml



#3 AR-1016-1

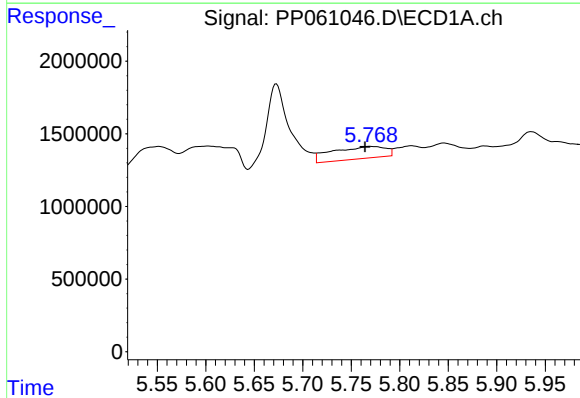
R.T.: 5.769 min
Delta R.T.: 0.028 min
Response: 3231653
Conc: 45.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



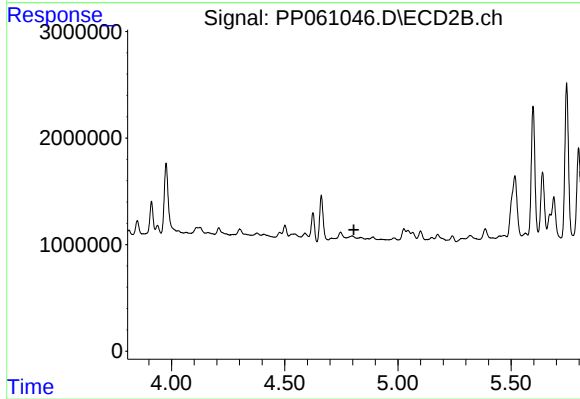
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.786 min
Response: 0
Conc: N.D.



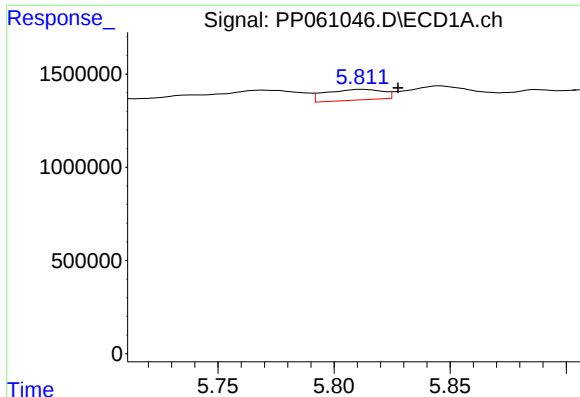
#4 AR-1016-2

R.T.: 5.769 min
Delta R.T.: 0.005 min
Response: 3231653
Conc: 31.51 ng/ml



#4 AR-1016-2

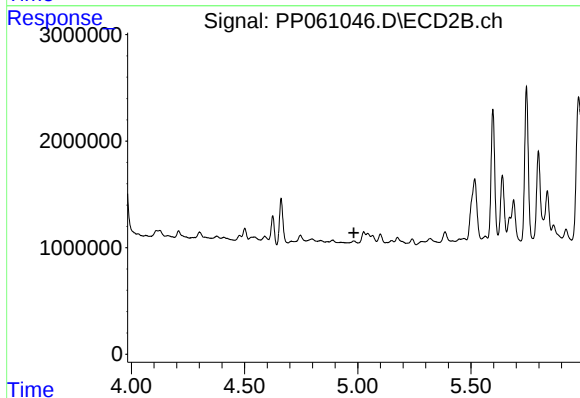
R.T.: 0.000 min
Exp R.T. : 4.805 min
Response: 0
Conc: N.D.



#5 AR-1016-3

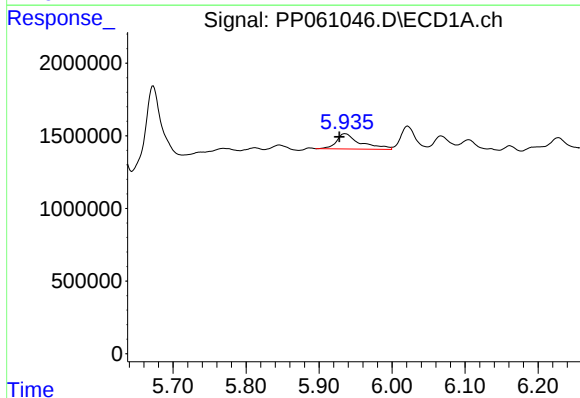
R.T.: 5.812 min
Delta R.T.: -0.015 min
Response: 982109
Conc: 15.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



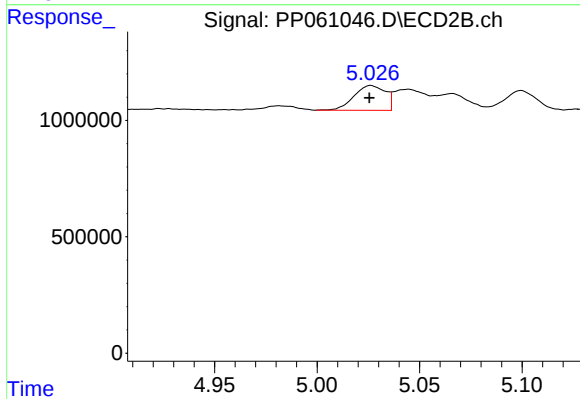
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.983 min
Response: 0
Conc: N.D.



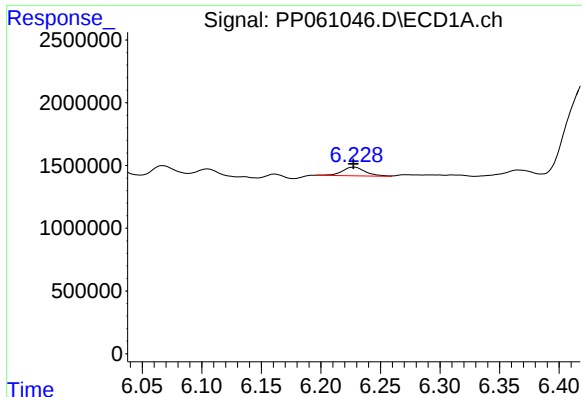
#6 AR-1016-4

R.T.: 5.936 min
Delta R.T.: 0.008 min
Response: 2420668
Conc: 47.39 ng/ml



#6 AR-1016-4

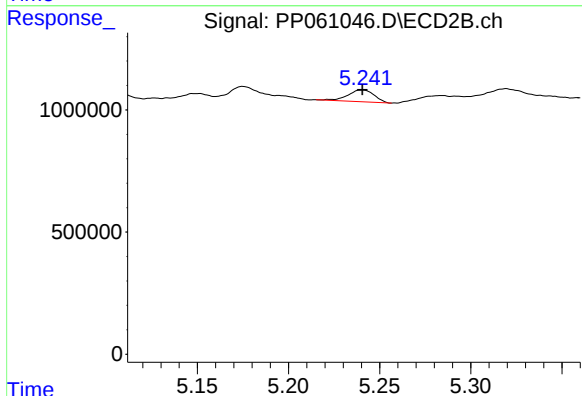
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 1133722
Conc: 35.05 ng/ml



#7 AR-1016-5

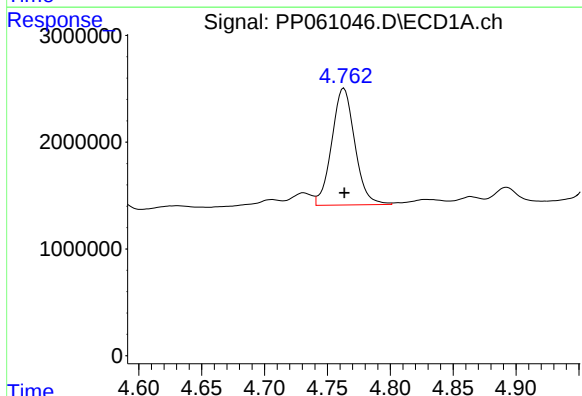
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 943061
Conc: 18.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



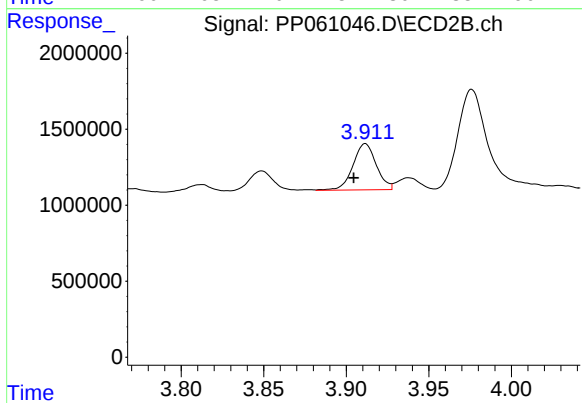
#7 AR-1016-5

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 488025
Conc: 11.69 ng/ml



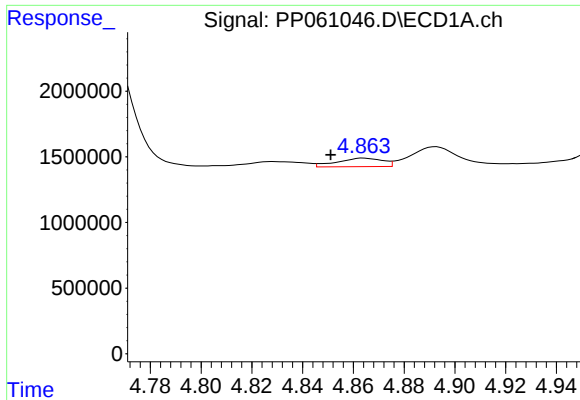
#8 AR-1221-1

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 13980520
Conc: 497.72 ng/ml



#8 AR-1221-1

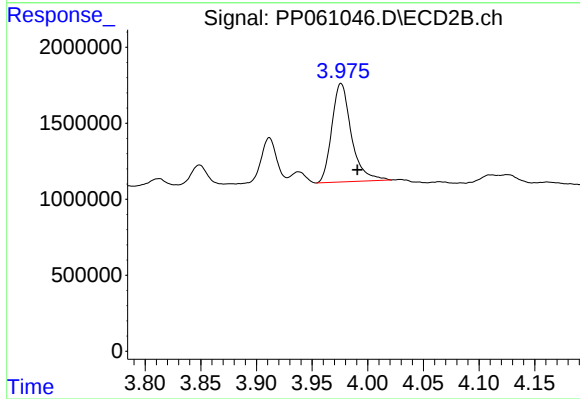
R.T.: 3.912 min
Delta R.T.: 0.007 min
Response: 2986641
Conc: 146.42 ng/ml



#9 AR-1221-2

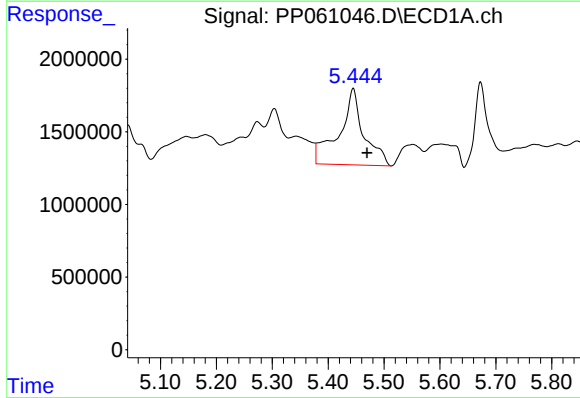
R.T.: 4.864 min
Delta R.T.: 0.013 min
Response: 816334
Conc: 39.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



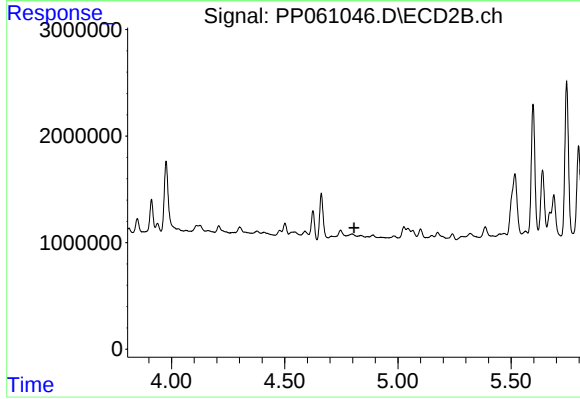
#9 AR-1221-2

R.T.: 3.976 min
Delta R.T.: -0.015 min
Response: 7930911
Conc: 539.89 ng/ml



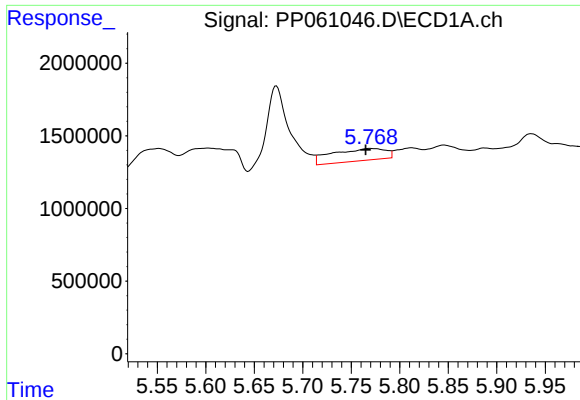
#12 AR-1232-2

R.T.: 5.445 min
Delta R.T.: -0.025 min
Response: 16191033
Conc: 607.02 ng/ml



#12 AR-1232-2

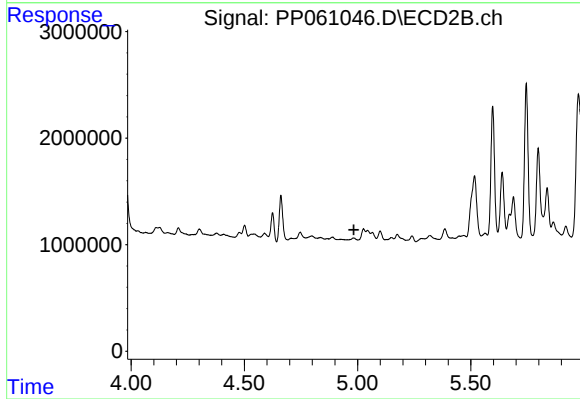
R.T.: 0.000 min
Exp R.T. : 4.806 min
Response: 0
Conc: N.D.



#13 AR-1232-3

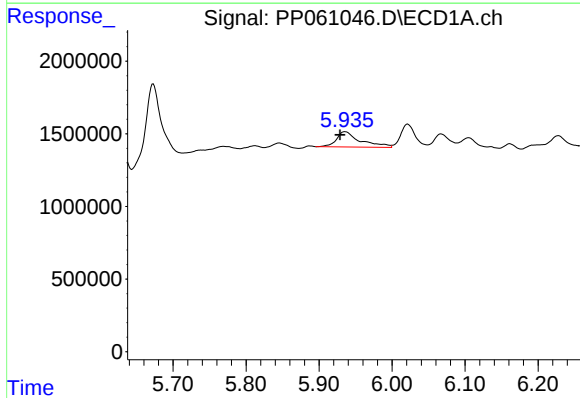
R.T.: 5.769 min
Delta R.T.: 0.004 min
Response: 3231653
Conc: 68.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



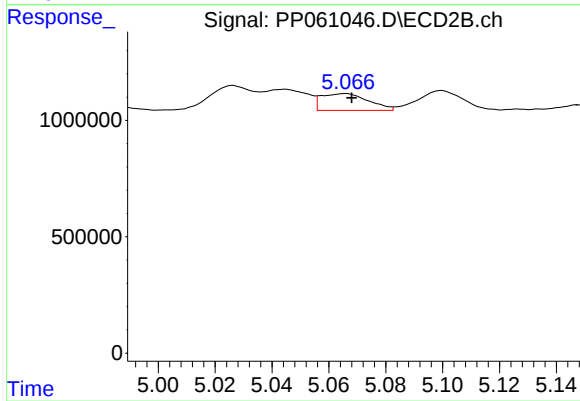
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.984 min
Response: 0
Conc: N.D.



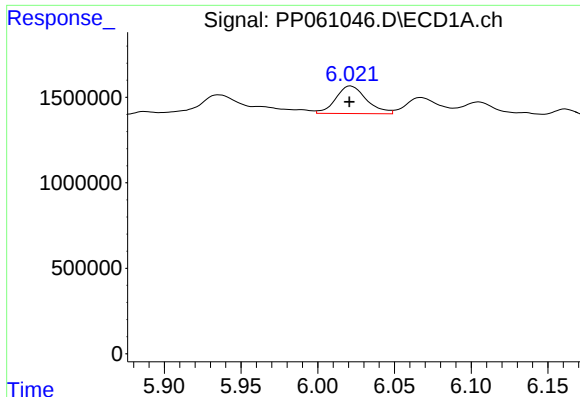
#14 AR-1232-4

R.T.: 5.936 min
Delta R.T.: 0.007 min
Response: 2420668
Conc: 103.46 ng/ml



#14 AR-1232-4

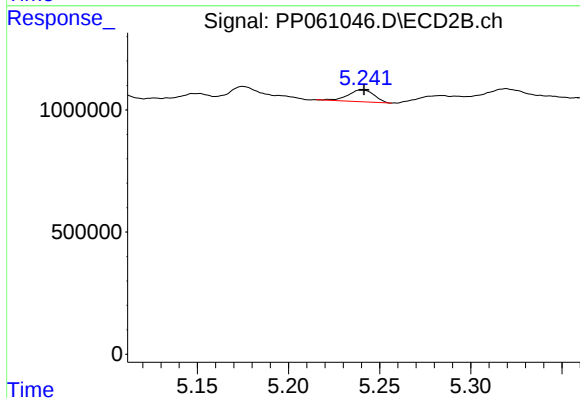
R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 827036
Conc: 49.23 ng/ml



#15 AR-1232-5

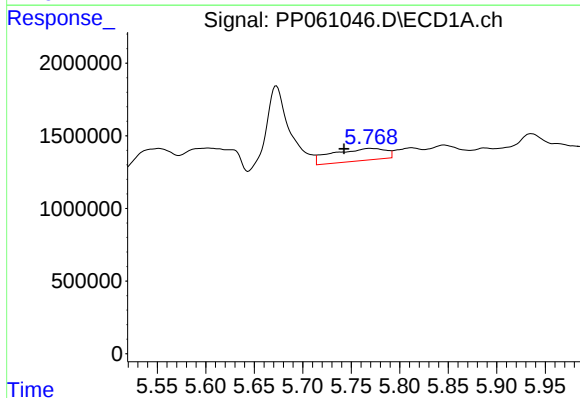
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 2259999
Conc: 115.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



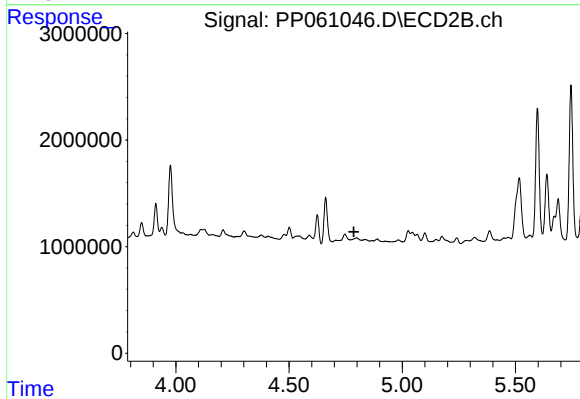
#15 AR-1232-5

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 488025
Conc: 25.98 ng/ml



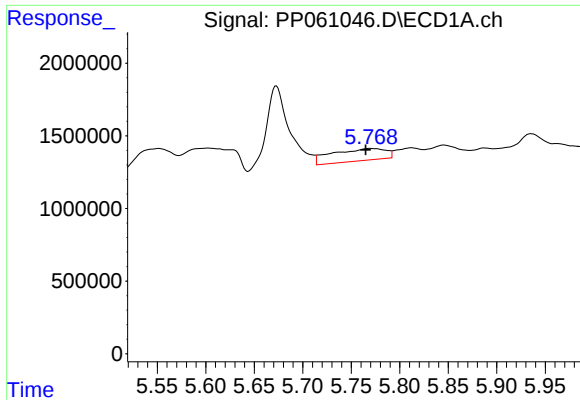
#16 AR-1242-1

R.T.: 5.769 min
Delta R.T.: 0.027 min
Response: 3231653
Conc: 57.53 ng/ml



#16 AR-1242-1

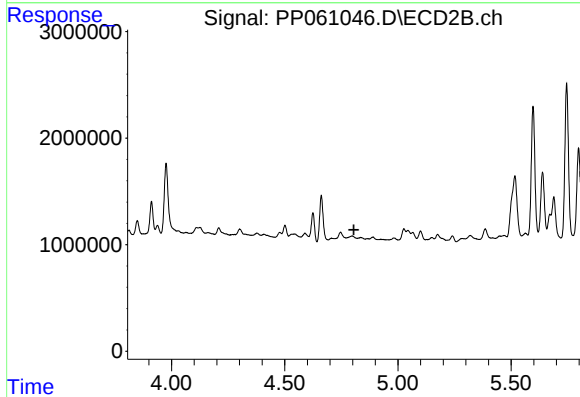
R.T.: 0.000 min
Exp R.T. : 4.786 min
Response: 0
Conc: N.D.



#17 AR-1242-2

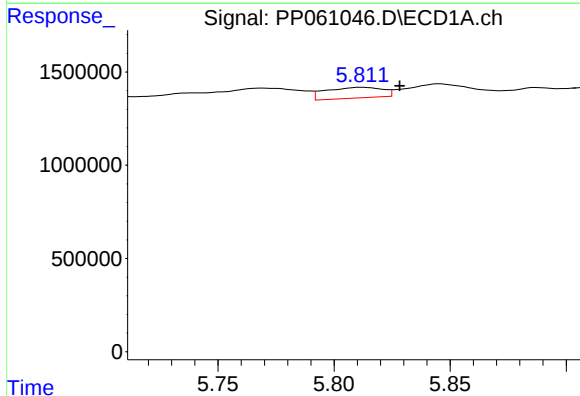
R.T.: 5.769 min
Delta R.T.: 0.004 min
Response: 3231653
Conc: 40.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



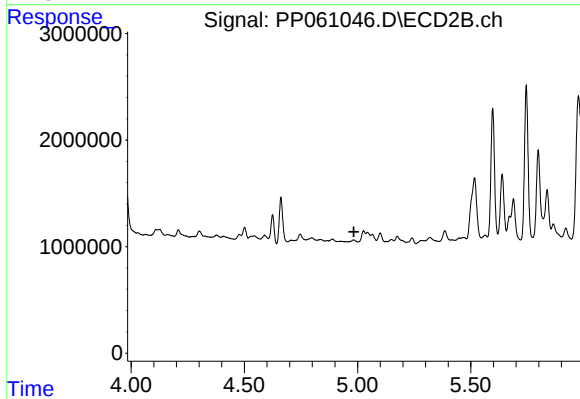
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.806 min
Response: 0
Conc: N.D.



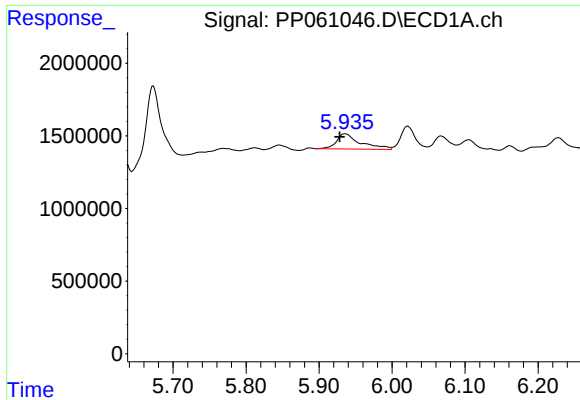
#18 AR-1242-3

R.T.: 5.812 min
Delta R.T.: -0.016 min
Response: 982109
Conc: 19.78 ng/ml



#18 AR-1242-3

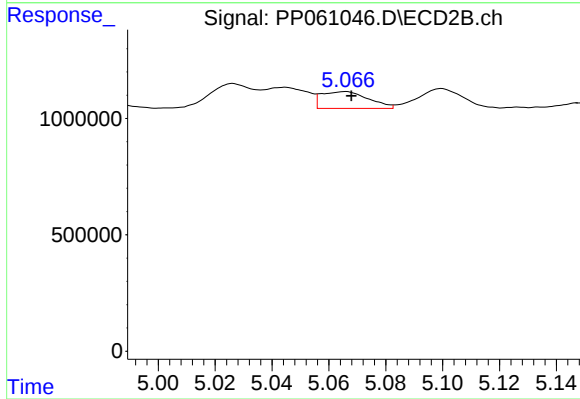
R.T.: 0.000 min
Exp R.T. : 4.983 min
Response: 0
Conc: N.D.



#19 AR-1242-4

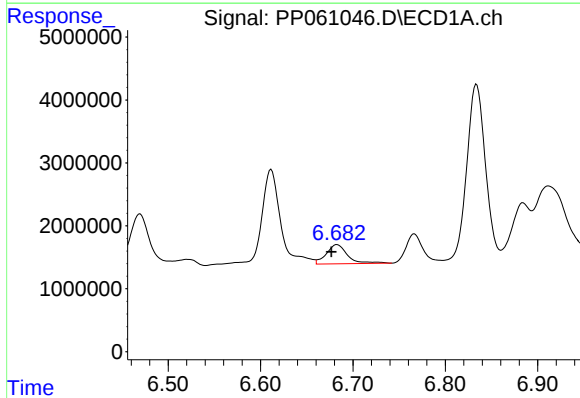
R.T.: 5.936 min
Delta R.T.: 0.007 min
Response: 2420668
Conc: 60.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



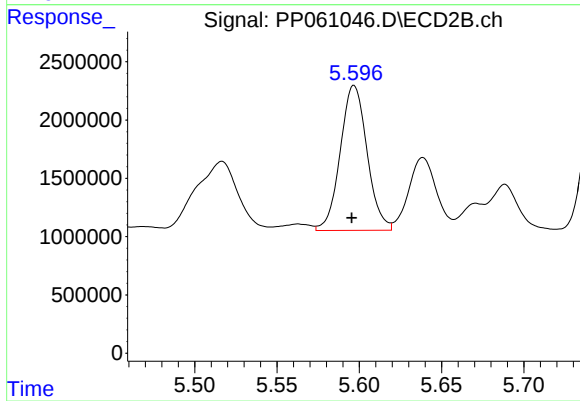
#19 AR-1242-4

R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 827036
Conc: 26.32 ng/ml



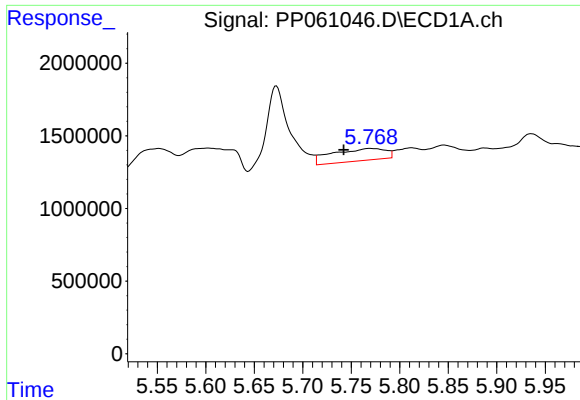
#20 AR-1242-5

R.T.: 6.683 min
Delta R.T.: 0.006 min
Response: 4900827
Conc: 120.78 ng/ml



#20 AR-1242-5

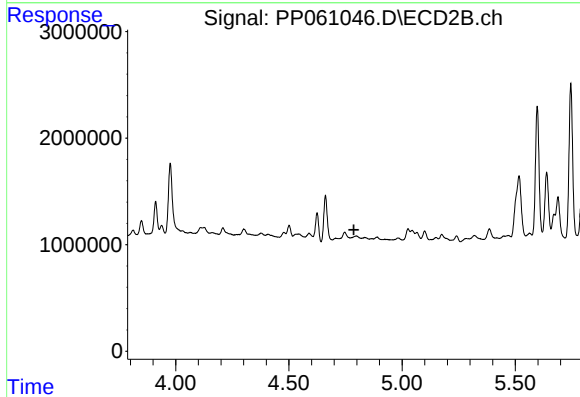
R.T.: 5.597 min
Delta R.T.: 0.001 min
Response: 14109863
Conc: 360.87 ng/ml



#21 AR-1248-1

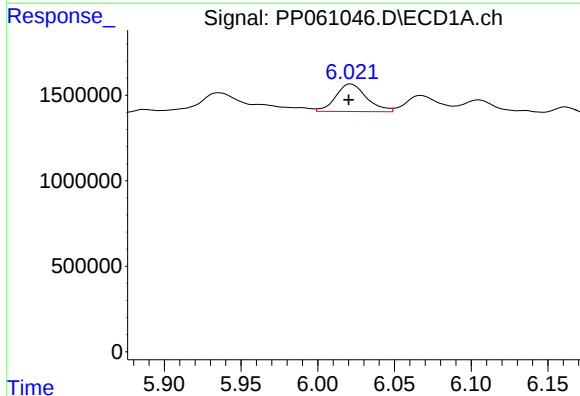
R.T.: 5.769 min
Delta R.T.: 0.027 min
Response: 3231653
Conc: 74.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



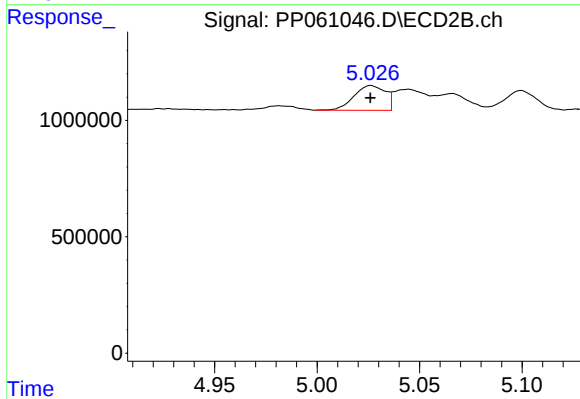
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.787 min
Response: 0
Conc: N.D.



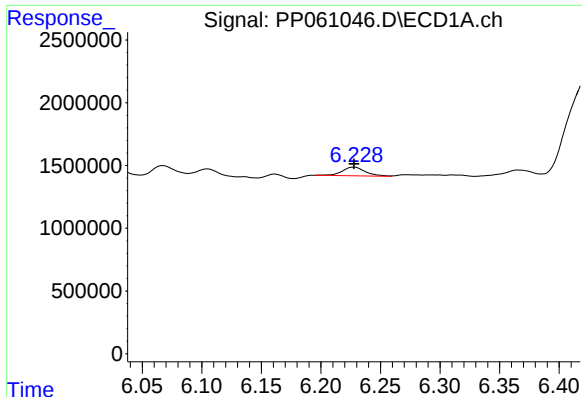
#22 AR-1248-2

R.T.: 6.021 min
Delta R.T.: 0.001 min
Response: 2259999
Conc: 34.95 ng/ml



#22 AR-1248-2

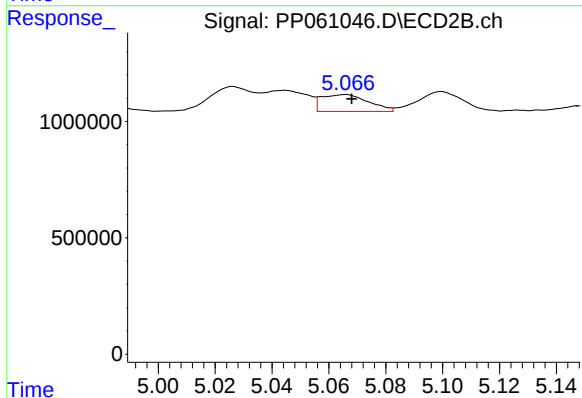
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 1133722
Conc: 25.88 ng/ml



#23 AR-1248-3

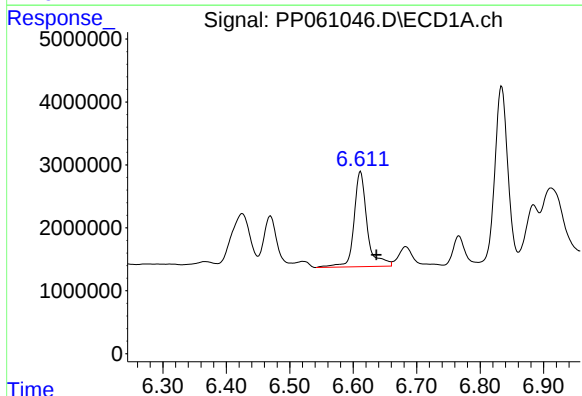
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 943061
Conc: 13.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



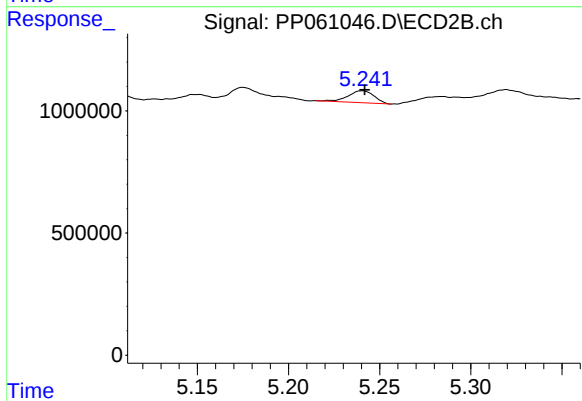
#23 AR-1248-3

R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 827036
Conc: 17.84 ng/ml



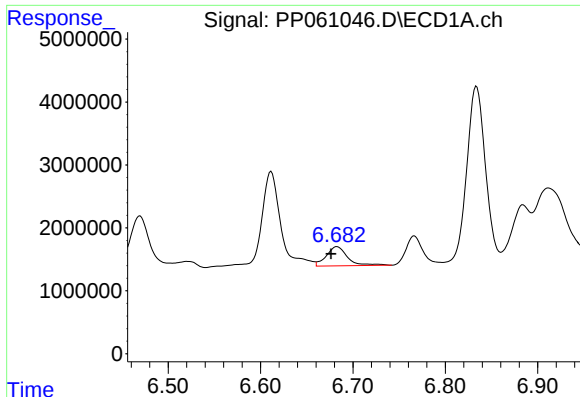
#24 AR-1248-4

R.T.: 6.611 min
Delta R.T.: -0.025 min
Response: 21755416
Conc: 284.73 ng/ml



#24 AR-1248-4

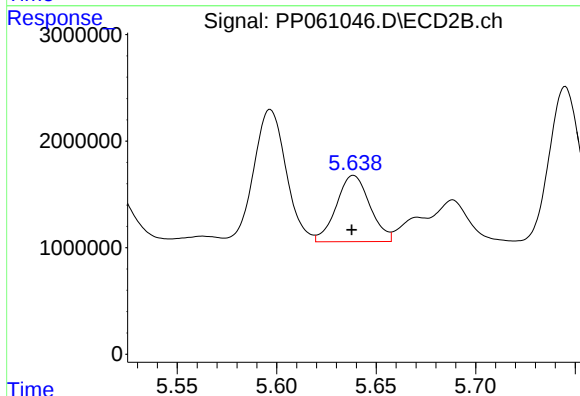
R.T.: 5.241 min
Delta R.T.: -0.001 min
Response: 488025
Conc: 8.83 ng/ml



#25 AR-1248-5

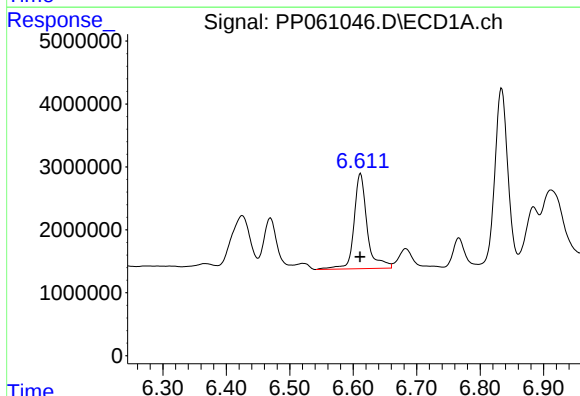
R.T.: 6.683 min
Delta R.T.: 0.007 min
Response: 4900827
Conc: 66.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



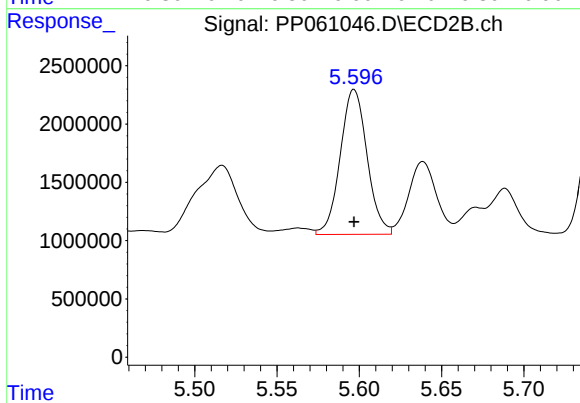
#25 AR-1248-5

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 7287873
Conc: 139.80 ng/ml



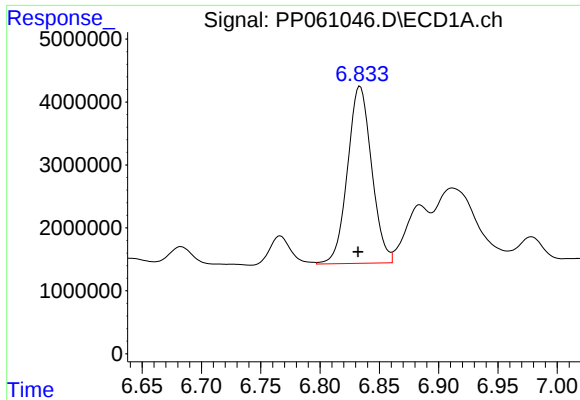
#26 AR-1254-1

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 21755416
Conc: 275.07 ng/ml



#26 AR-1254-1

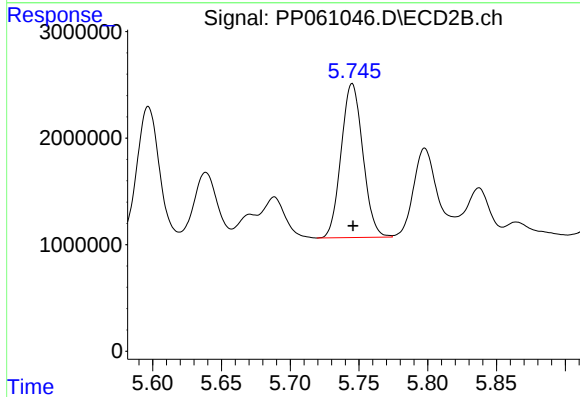
R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 14109863
Conc: 182.63 ng/ml



#27 AR-1254-2

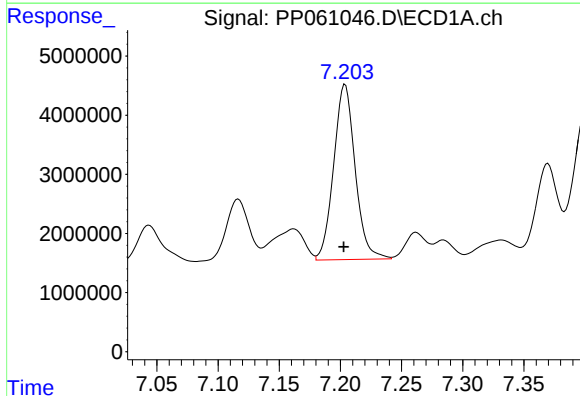
R.T.: 6.834 min
Delta R.T.: 0.002 min
Response: 39772342
Conc: 333.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



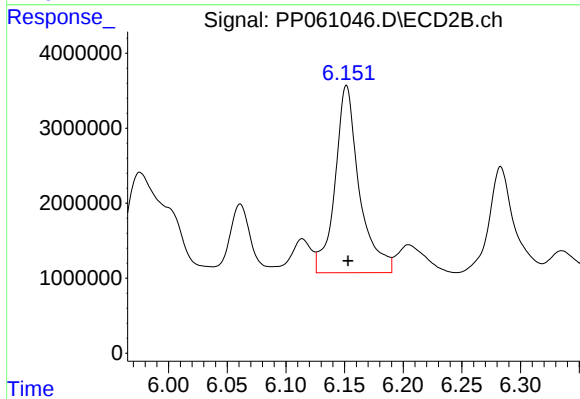
#27 AR-1254-2

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 15861943
Conc: 228.93 ng/ml



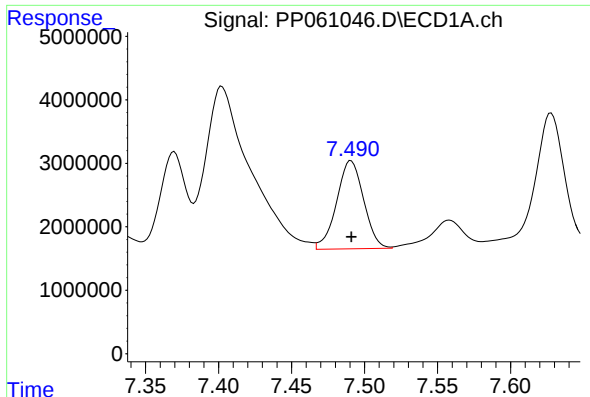
#28 AR-1254-3

R.T.: 7.204 min
Delta R.T.: 0.001 min
Response: 36200482
Conc: 295.90 ng/ml



#28 AR-1254-3

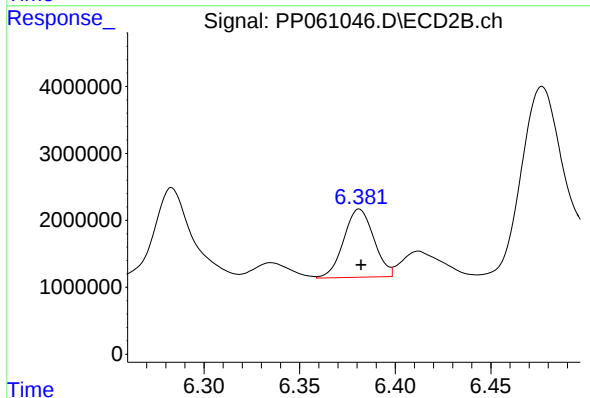
R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 35928757
Conc: 317.53 ng/ml



#29 AR-1254-4

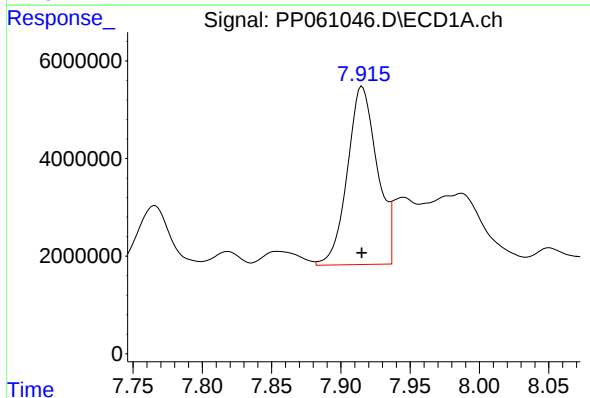
R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 17919992
Conc: 203.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



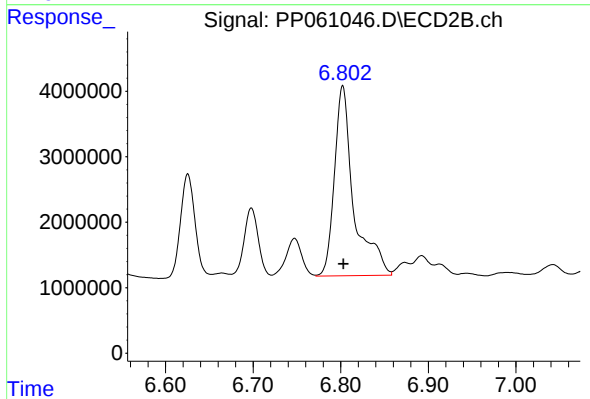
#29 AR-1254-4

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 11157272
Conc: 162.38 ng/ml



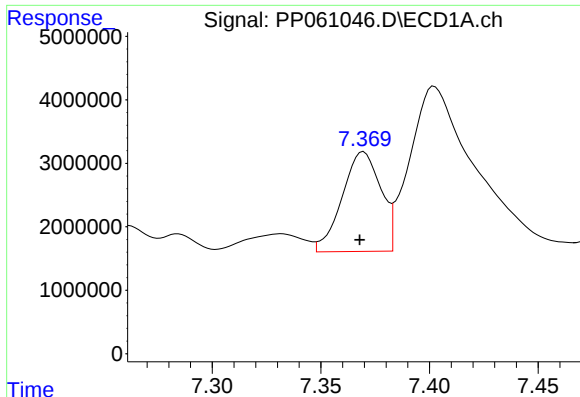
#30 AR-1254-5

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 54695990
Conc: 550.81 ng/ml



#30 AR-1254-5

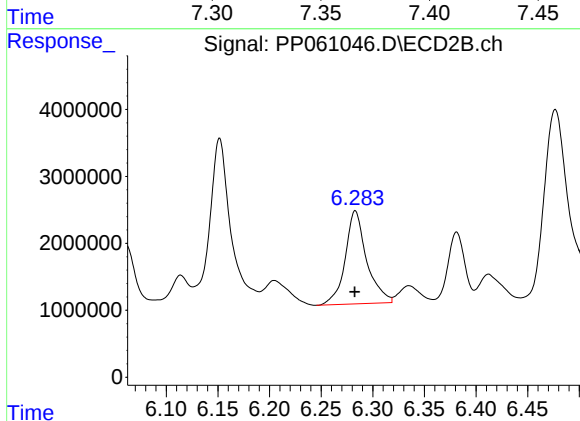
R.T.: 6.802 min
Delta R.T.: 0.000 min
Response: 44742947
Conc: 418.28 ng/ml



#31 AR-1260-1

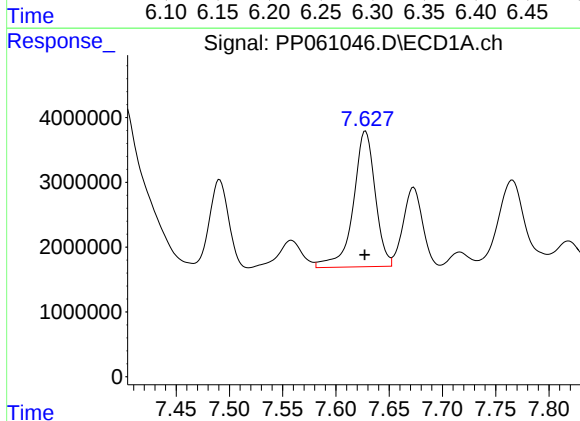
R.T.: 7.370 min
Delta R.T.: 0.002 min
Response: 19392574
Conc: 207.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



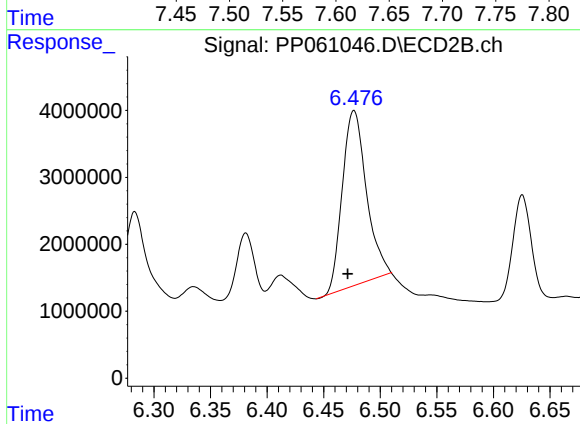
#31 AR-1260-1

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 20170366
Conc: 243.75 ng/ml



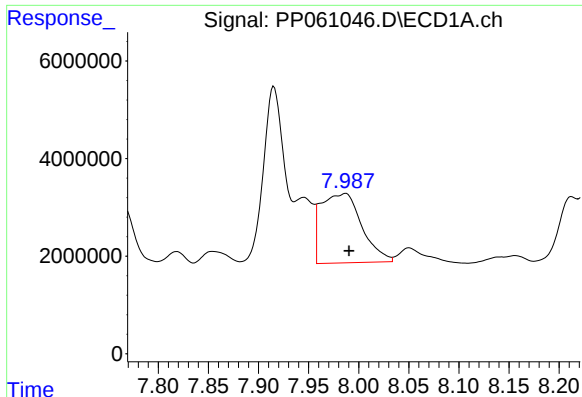
#32 AR-1260-2

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 29979744
Conc: 276.14 ng/ml



#32 AR-1260-2

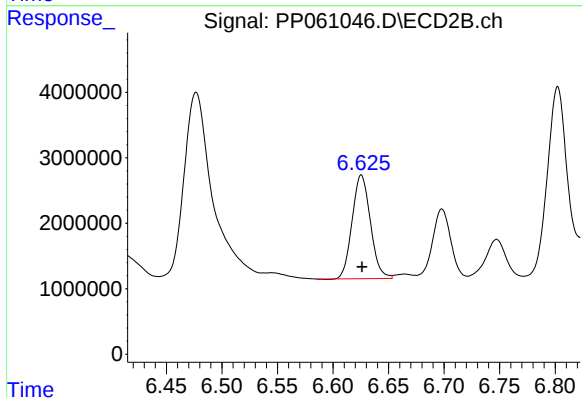
R.T.: 6.477 min
Delta R.T.: 0.005 min
Response: 38841181
Conc: 394.44 ng/ml



#33 AR-1260-3

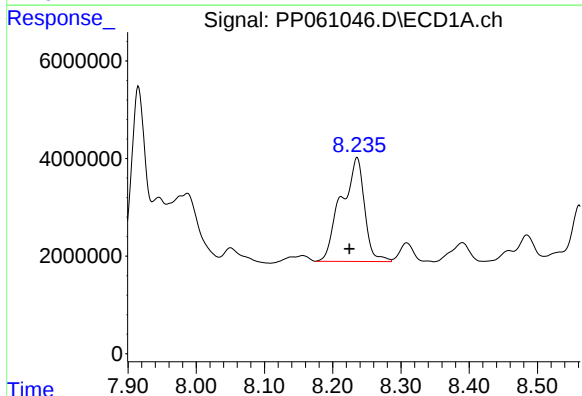
R.T.: 7.987 min
Delta R.T.: -0.004 min
Response: 40190172
Conc: 578.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



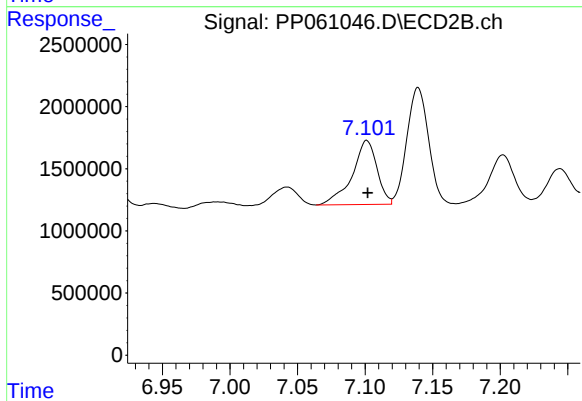
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 18126381
Conc: 191.68 ng/ml



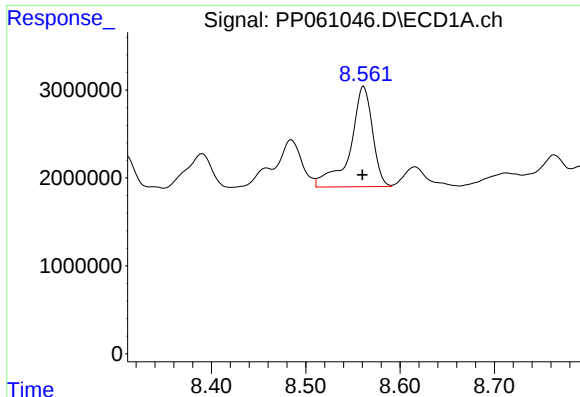
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.012 min
Response: 50319289
Conc: 589.86 ng/ml



#34 AR-1260-4

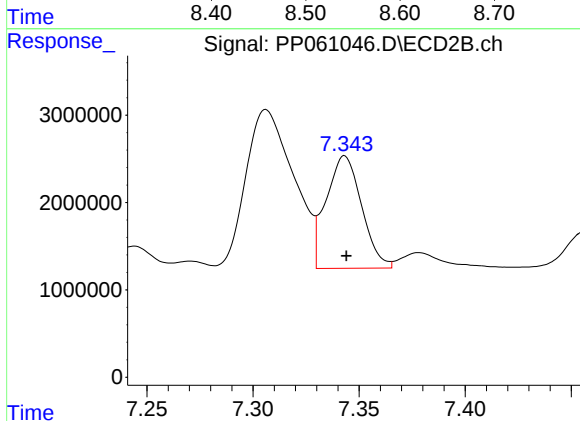
R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 6613609
Conc: 92.28 ng/ml



#35 AR-1260-5

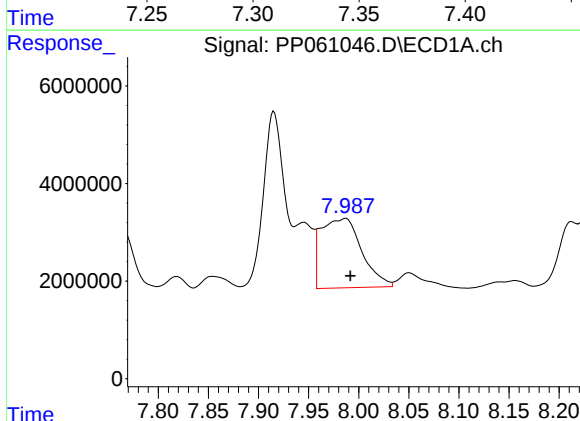
R.T.: 8.561 min
Delta R.T.: 0.001 min
Response: 18770626
Conc: 116.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



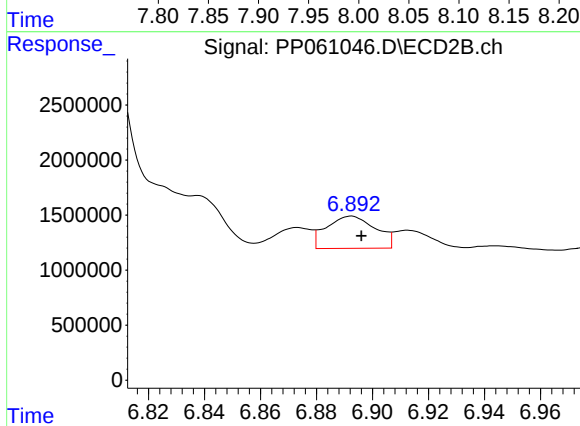
#35 AR-1260-5

R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 15019647
Conc: 89.55 ng/ml



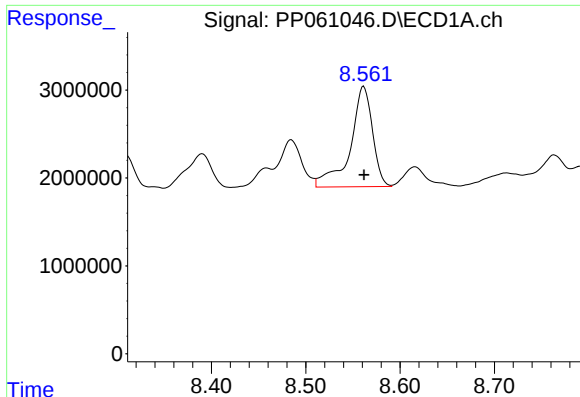
#36 AR-1262-1

R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 40190172
Conc: 319.98 ng/ml



#36 AR-1262-1

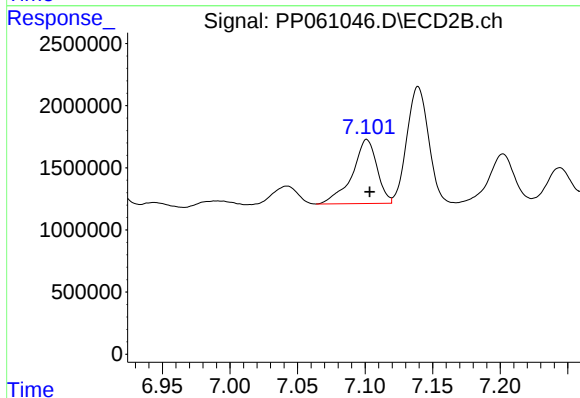
R.T.: 6.892 min
Delta R.T.: -0.004 min
Response: 3566451
Conc: 74.82 ng/ml



#37 AR-1262-2

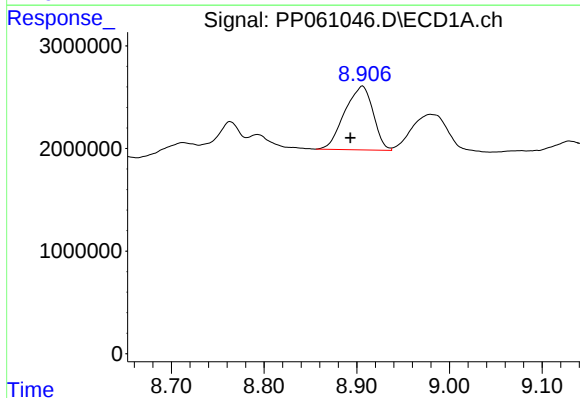
R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 18770626
Conc: 84.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



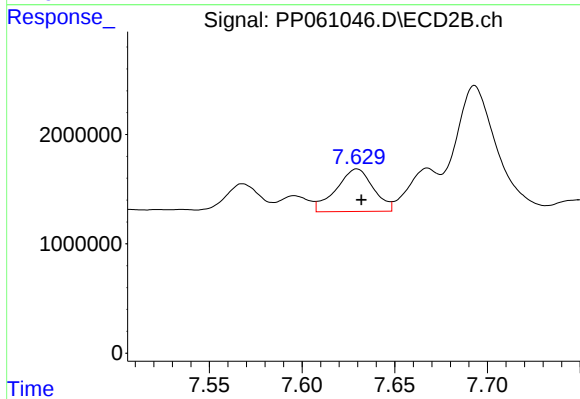
#37 AR-1262-2

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 6613609
Conc: 62.79 ng/ml



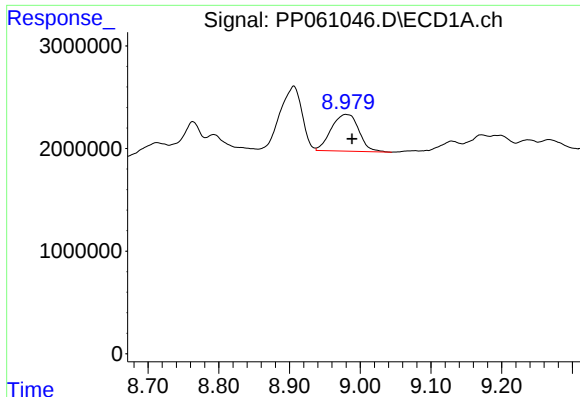
#38 AR-1262-3

R.T.: 8.906 min
Delta R.T.: 0.013 min
Response: 13243408
Conc: 88.19 ng/ml



#38 AR-1262-3

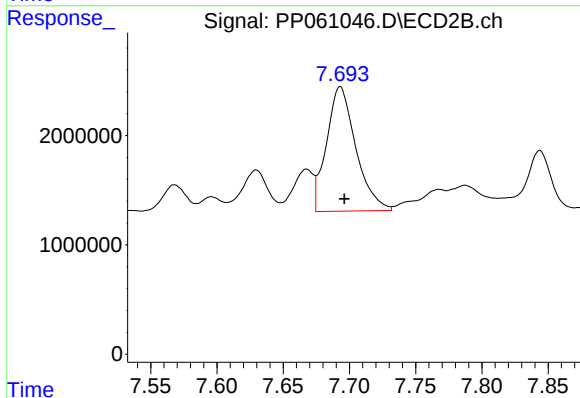
R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 5420880
Conc: 64.75 ng/ml



#39 AR-1262-4

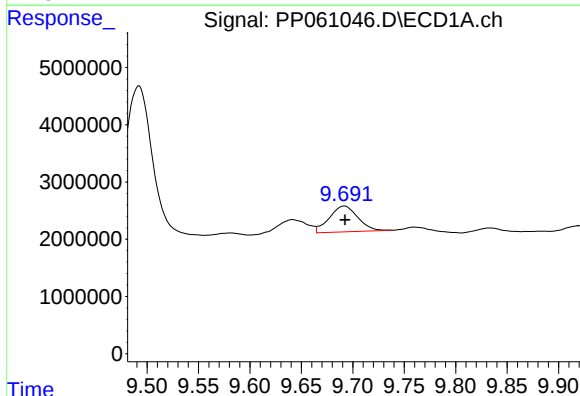
R.T.: 8.981 min
Delta R.T.: -0.008 min
Response: 9705211
Conc: 85.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



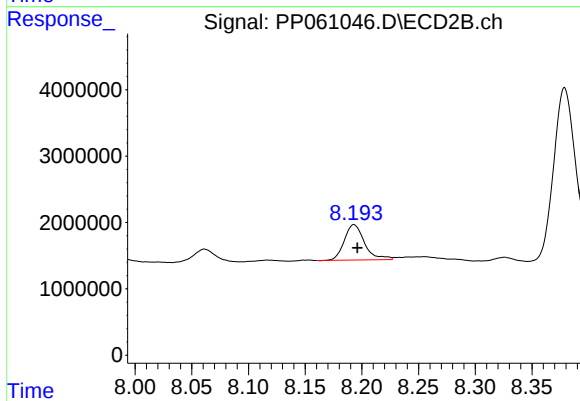
#39 AR-1262-4

R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 17537706
Conc: 115.98 ng/ml



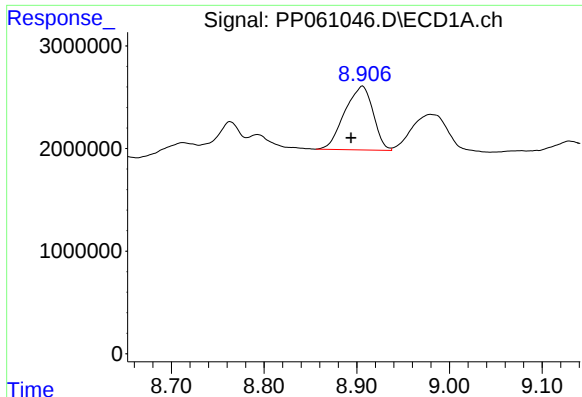
#40 AR-1262-5

R.T.: 9.692 min
Delta R.T.: 0.000 min
Response: 8709738
Conc: 115.75 ng/ml



#40 AR-1262-5

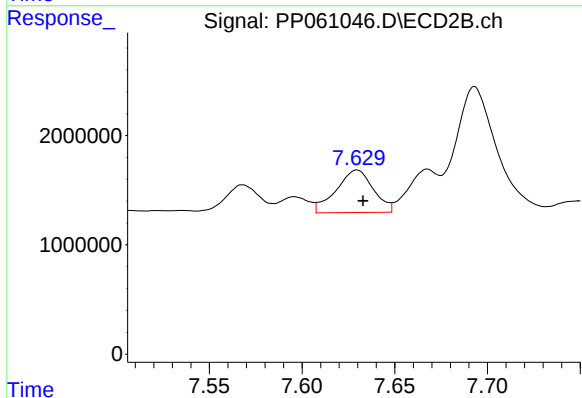
R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 6637002
Conc: 93.77 ng/ml



#41 AR-1268-1

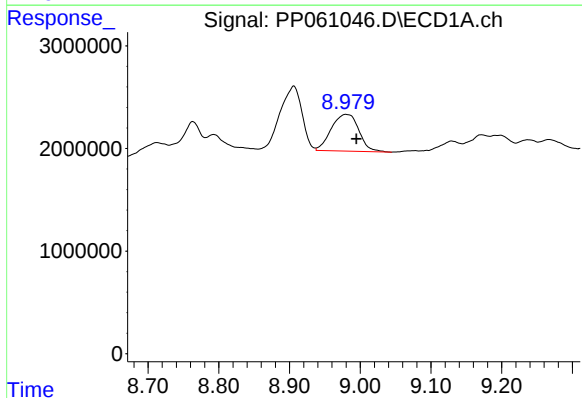
R.T.: 8.906 min
Delta R.T.: 0.012 min
Response: 13243408
Conc: 50.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



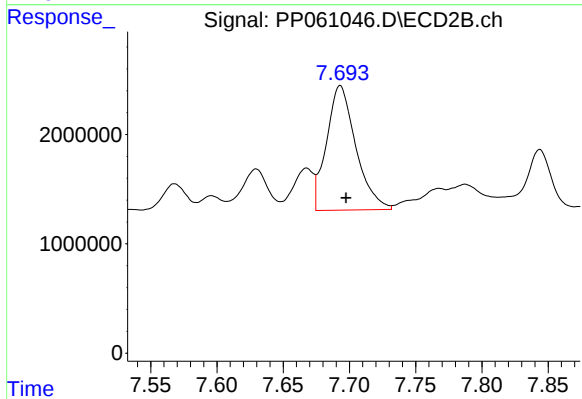
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 5420880
Conc: 22.60 ng/ml



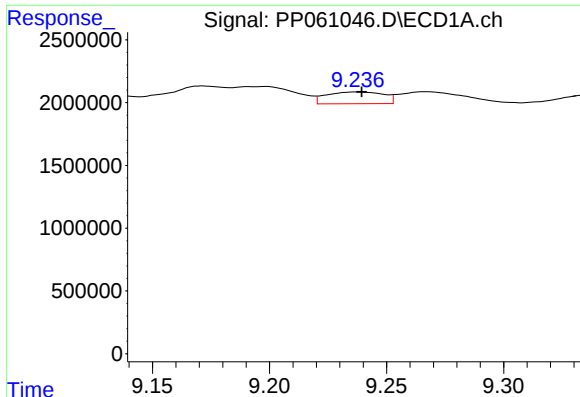
#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: -0.014 min
Response: 9705211
Conc: 41.39 ng/ml



#42 AR-1268-2

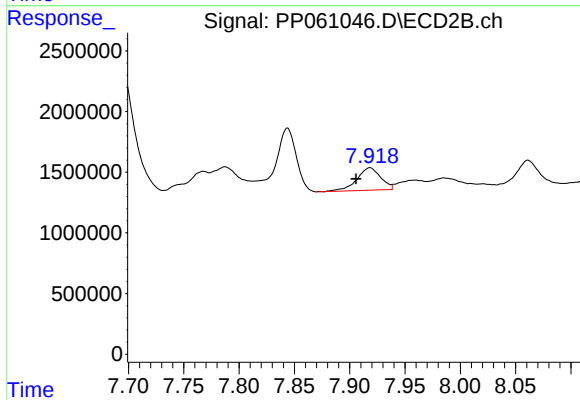
R.T.: 7.693 min
Delta R.T.: -0.004 min
Response: 17537706
Conc: 81.74 ng/ml



#43 AR-1268-3

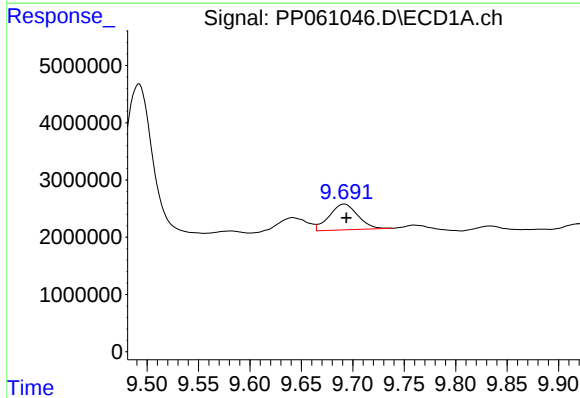
R.T.: 9.238 min
Delta R.T.: -0.002 min
Response: 1591193
Conc: 7.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



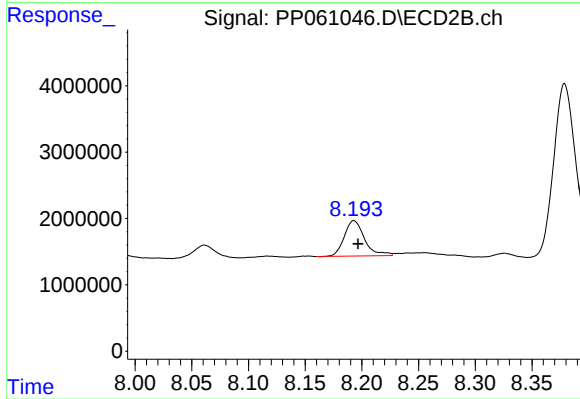
#43 AR-1268-3

R.T.: 7.918 min
Delta R.T.: 0.013 min
Response: 2760481
Conc: 14.57 ng/ml



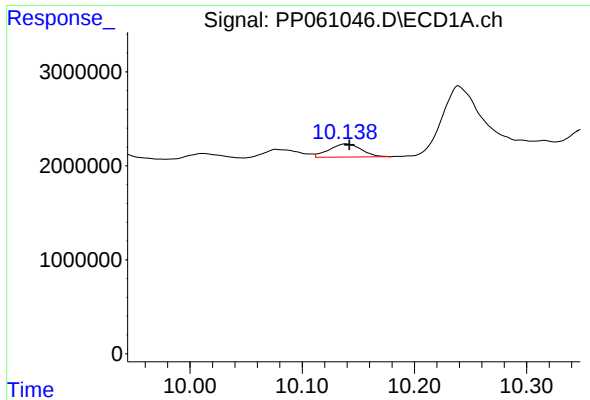
#44 AR-1268-4

R.T.: 9.692 min
Delta R.T.: -0.002 min
Response: 8709738
Conc: 108.13 ng/ml



#44 AR-1268-4

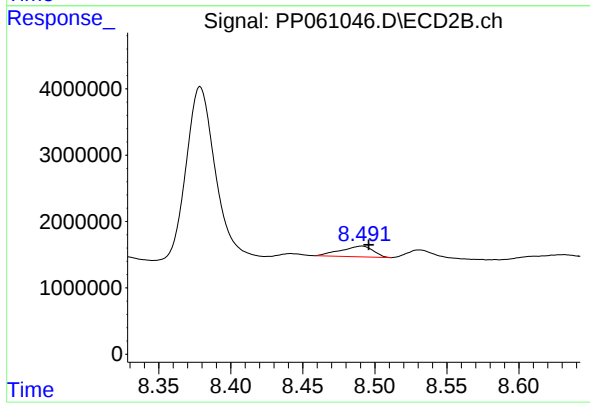
R.T.: 8.193 min
Delta R.T.: -0.004 min
Response: 6637002
Conc: 86.61 ng/ml



#45 AR-1268-5

R.T.: 10.139 min
Delta R.T.: -0.003 min
Response: 2800872
Conc: 4.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.491 min
Delta R.T.: -0.005 min
Response: 2514398
Conc: 4.55 ng/ml