

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102423\
 Data File : PP061228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 18:29
 Operator : YP\AJ
 Sample : 05015-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

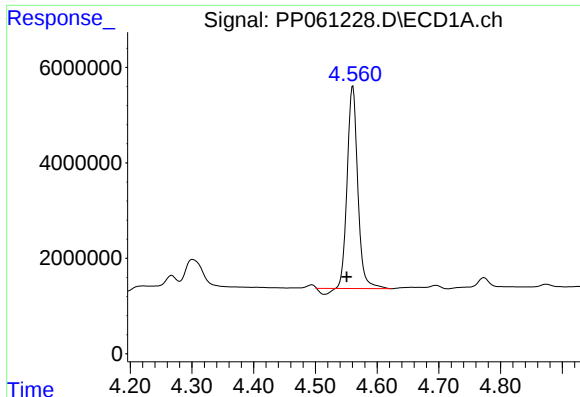
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 01:17:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.561	3.695	49932112	32524086	22.714	24.056
2)	SA Decachlor...	10.531	8.763	26468609	17987607	16.902	11.964 #
Target Compounds							
4)	L1 AR-1016-2	5.781f	4.824f	4472362	1534084	43.603	21.420 #
5)	L1 AR-1016-3	5.849f	4.987	731949	964170	11.713	23.861 #
6)	L1 AR-1016-4	5.917	5.046f	12470776	2331458	244.125	72.078 #
8)	L2 AR-1221-1	4.773	3.902	3894241	501986	138.639	24.610 #
9)	L2 AR-1221-2	4.842	3.984	78952	989186	3.801	67.337 #
10)	L2 AR-1221-3	4.955f	0.000	228338	0	3.700	N.D. #
11)	L3 AR-1232-1	4.955f	0.000	228338	0	4.514	N.D. #
12)	L3 AR-1232-2	0.000	4.824f	0	1534084	N.D.	46.389 #
13)	L3 AR-1232-3	5.781f	4.987	4472362	964170	95.303	52.031 #
14)	L3 AR-1232-4	5.917	5.046f	12470776	2331458	533.027	138.789 #
17)	L4 AR-1242-2	5.781f	4.824f	4472362	1534084	56.221	28.019 #
18)	L4 AR-1242-3	5.849f	4.987	731949	964170	14.744	31.037 #
19)	L4 AR-1242-4	5.917	5.046f	12470776	2331458	312.190	74.208 #
20)	L4 AR-1242-5	6.662	5.603	109.8E6	29000400	2705.590	741.698 #
22)	L5 AR-1248-2	0.000	5.046f	0	2331458	N.D.	53.221 #
24)	L5 AR-1248-4	6.612f	5.262f	19124795	-6055512	250.302	N.D. #
25)	L5 AR-1248-5	6.662	5.652	109.8E6	5403096	1487.702	103.643 #
26)	L6 AR-1254-1	6.612	5.603	19124795	29000400	241.813	375.355 #
27)	L6 AR-1254-2	6.856f	5.751	22677248	2801369	190.360	40.432 #
28)	L6 AR-1254-3	7.232f	6.130f	7780602	2567914	63.598	22.694 #
29)	L6 AR-1254-4	7.480	6.407f	4002291	2829906	45.471	41.187
30)	L6 AR-1254-5	7.943f	6.808	2185526	2180077	22.009	20.380
31)	L7 AR-1260-1	7.378	6.314f	442128	12444317	4.723	150.383 #
32)	L7 AR-1260-2	7.639	6.469	14410657	964128	132.734	9.791 #
33)	L7 AR-1260-3	7.985	6.635	5687849	1062043	81.837	11.231 #
34)	L7 AR-1260-4	8.231	7.093	1166990	1233441	13.680	17.209 #
35)	L7 AR-1260-5	0.000	7.353	0	611858	N.D.	3.648 #
36)	L8 AR-1262-1	7.985	6.916f	5687849	2133648	45.284	44.759
37)	L8 AR-1262-2	0.000	7.093	0	1233441	N.D.	11.711 #
38)	L8 AR-1262-3	8.912f	7.611f	3687502	913405	24.555	10.910 #
39)	L8 AR-1262-4	9.002	7.682	1809090	1044129	15.995	6.905 #
41)	L9 AR-1268-1	8.912f	7.611f	3687502	913405	14.152	3.807 #
42)	L9 AR-1268-2	9.002	7.682f	1809090	1044129	7.716	4.866 #
43)	L9 AR-1268-3	0.000	7.911	0	806845	N.D.	4.259 #

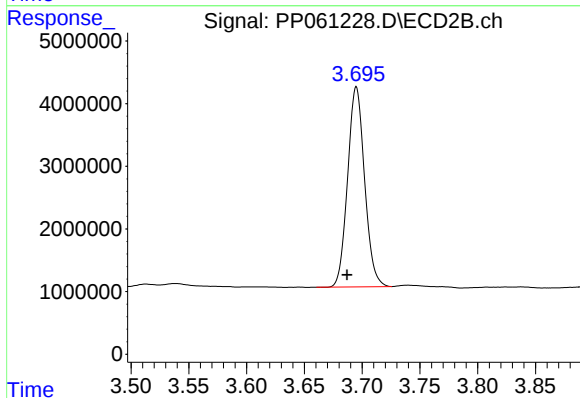
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

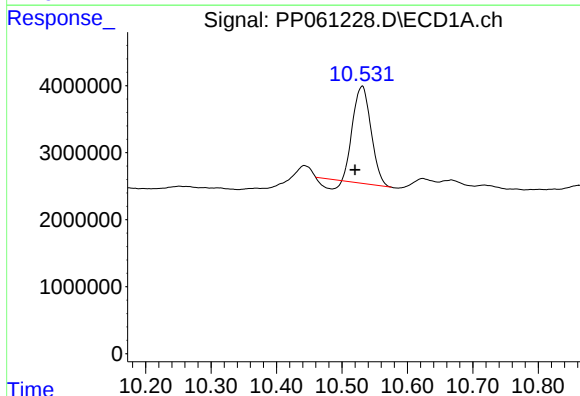
R.T.: 4.561 min
Delta R.T.: 0.010 min
Response: 49932112
Conc: 22.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



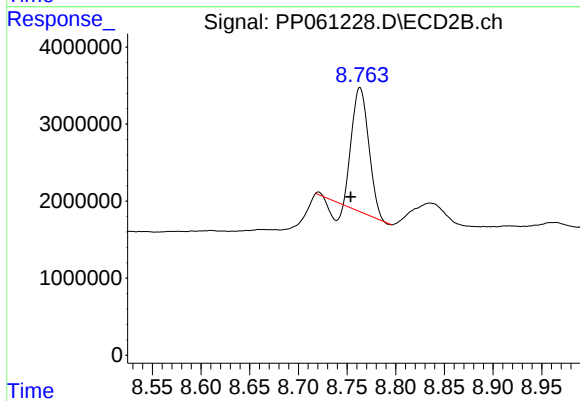
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.008 min
Response: 32524086
Conc: 24.06 ng/ml



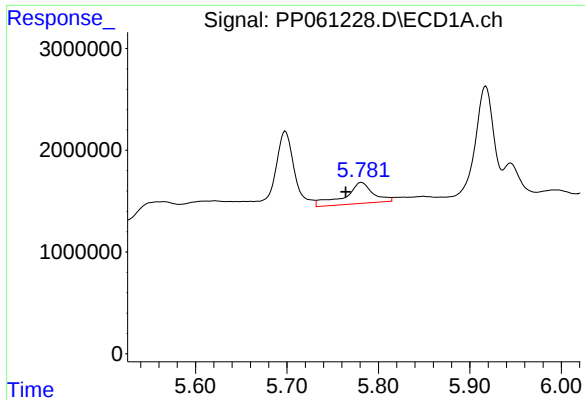
#2 Decachlorobiphenyl

R.T.: 10.531 min
Delta R.T.: 0.011 min
Response: 26468609
Conc: 16.90 ng/ml



#2 Decachlorobiphenyl

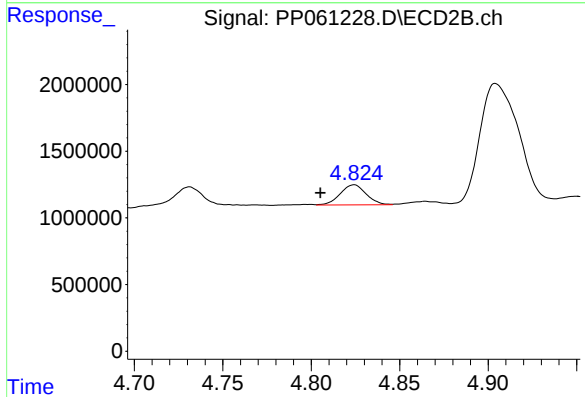
R.T.: 8.763 min
Delta R.T.: 0.010 min
Response: 17987607
Conc: 11.96 ng/ml



#4 AR-1016-2

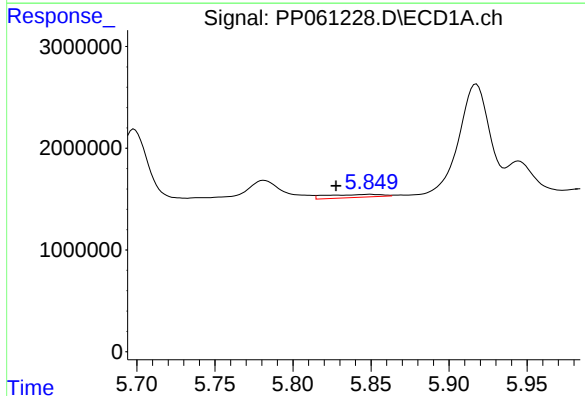
R.T.: 5.781 min
Delta R.T.: 0.017 min
Response: 4472362
Conc: 43.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



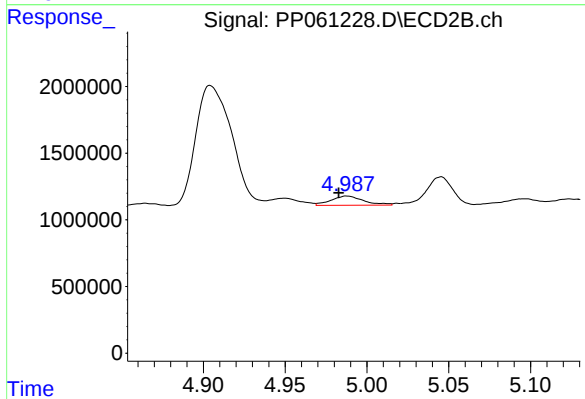
#4 AR-1016-2

R.T.: 4.824 min
Delta R.T.: 0.019 min
Response: 1534084
Conc: 21.42 ng/ml



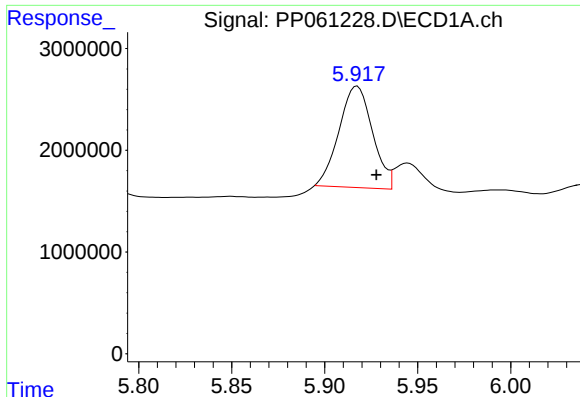
#5 AR-1016-3

R.T.: 5.849 min
Delta R.T.: 0.022 min
Response: 731949
Conc: 11.71 ng/ml



#5 AR-1016-3

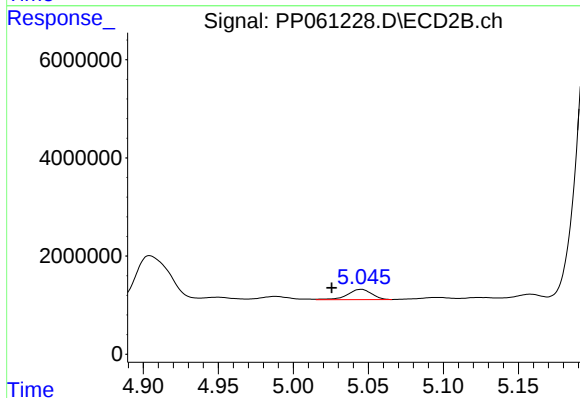
R.T.: 4.987 min
Delta R.T.: 0.005 min
Response: 964170
Conc: 23.86 ng/ml



#6 AR-1016-4

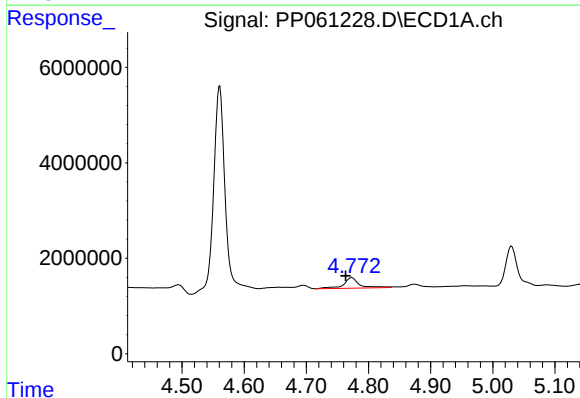
R.T.: 5.917 min
Delta R.T.: -0.010 min
Response: 12470776
Conc: 244.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



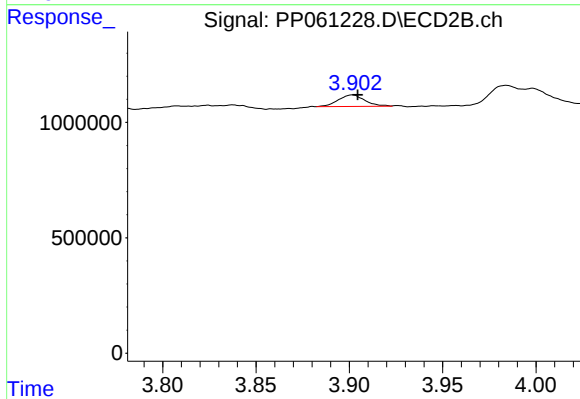
#6 AR-1016-4

R.T.: 5.046 min
Delta R.T.: 0.020 min
Response: 2331458
Conc: 72.08 ng/ml



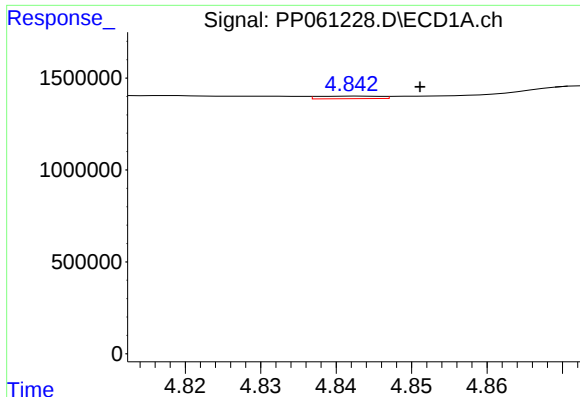
#8 AR-1221-1

R.T.: 4.773 min
Delta R.T.: 0.010 min
Response: 3894241
Conc: 138.64 ng/ml



#8 AR-1221-1

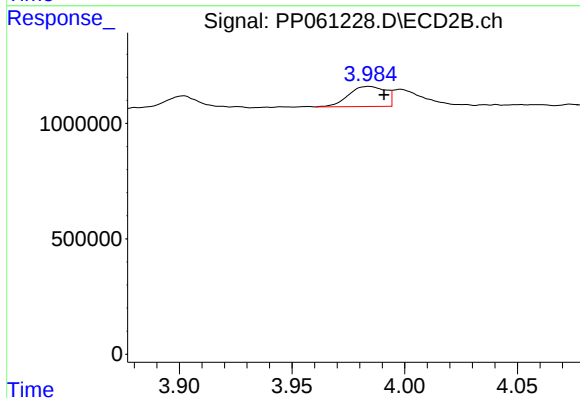
R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 501986
Conc: 24.61 ng/ml



#9 AR-1221-2

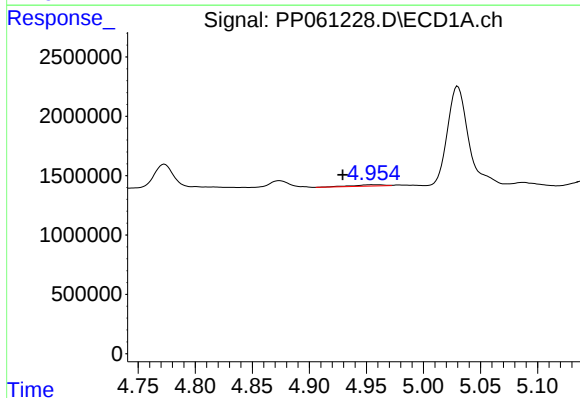
R.T.: 4.842 min
Delta R.T.: -0.009 min
Response: 78952
Conc: 3.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



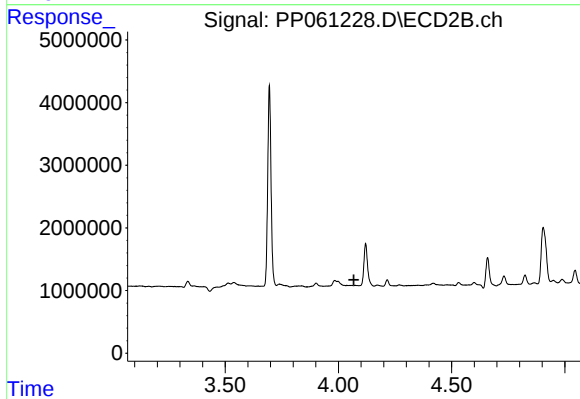
#9 AR-1221-2

R.T.: 3.984 min
Delta R.T.: -0.007 min
Response: 989186
Conc: 67.34 ng/ml



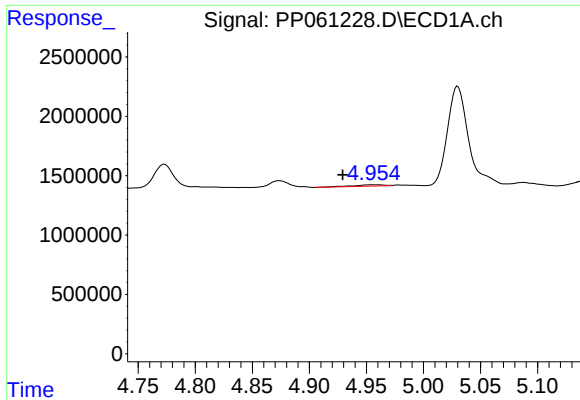
#10 AR-1221-3

R.T.: 4.955 min
Delta R.T.: 0.026 min
Response: 228338
Conc: 3.70 ng/ml



#10 AR-1221-3

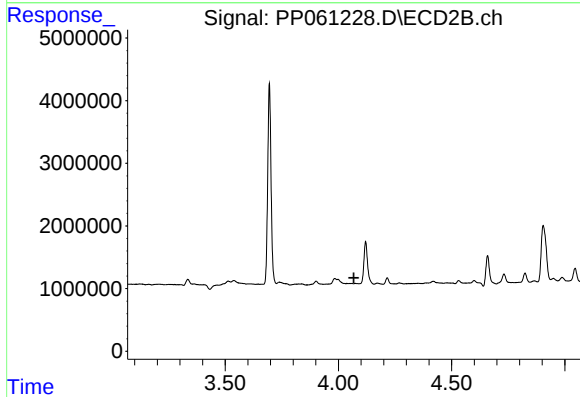
R.T.: 0.000 min
Exp R.T.: 4.068 min
Response: 0
Conc: N.D.



#11 AR-1232-1

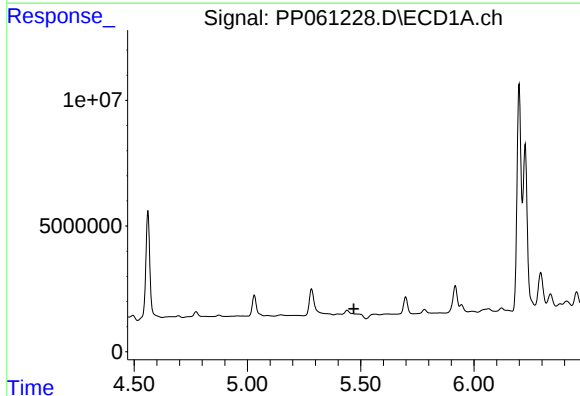
R.T.: 4.955 min
Delta R.T.: 0.026 min
Response: 228338
Conc: 4.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



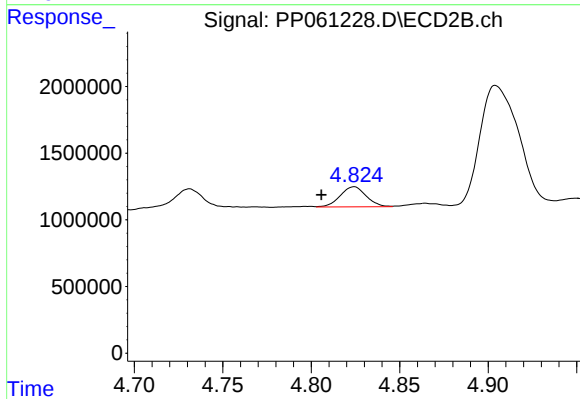
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.069 min
Response: 0
Conc: N.D.



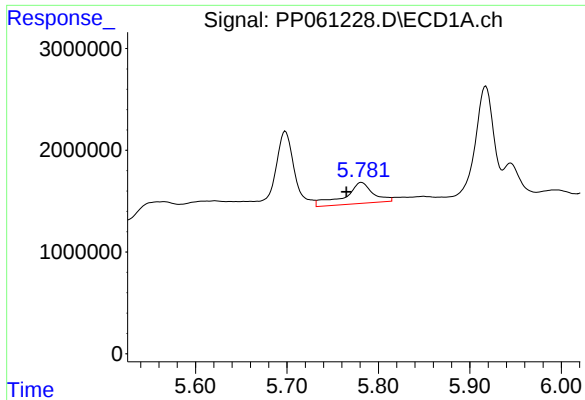
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.470 min
Response: 0
Conc: N.D.



#12 AR-1232-2

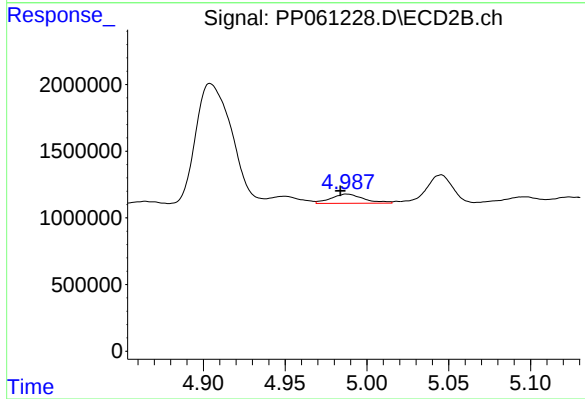
R.T.: 4.824 min
Delta R.T.: 0.019 min
Response: 1534084
Conc: 46.39 ng/ml



#13 AR-1232-3

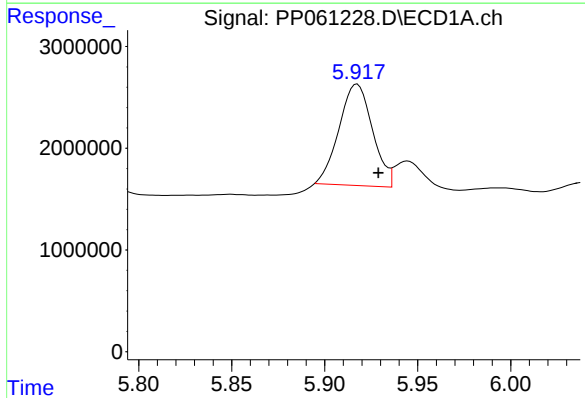
R.T.: 5.781 min
Delta R.T.: 0.016 min
Response: 4472362
Conc: 95.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



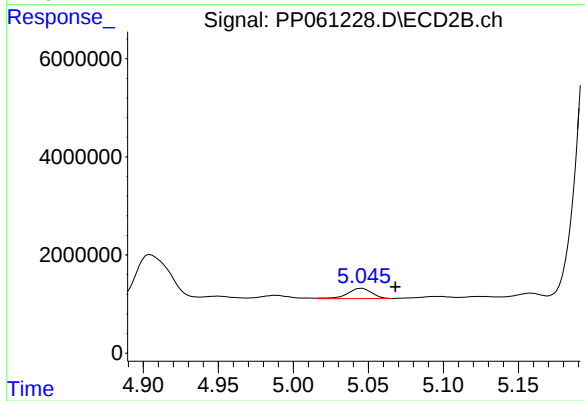
#13 AR-1232-3

R.T.: 4.987 min
Delta R.T.: 0.004 min
Response: 964170
Conc: 52.03 ng/ml



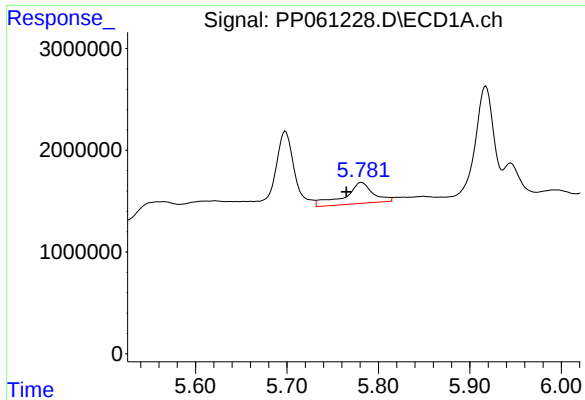
#14 AR-1232-4

R.T.: 5.917 min
Delta R.T.: -0.011 min
Response: 12470776
Conc: 533.03 ng/ml



#14 AR-1232-4

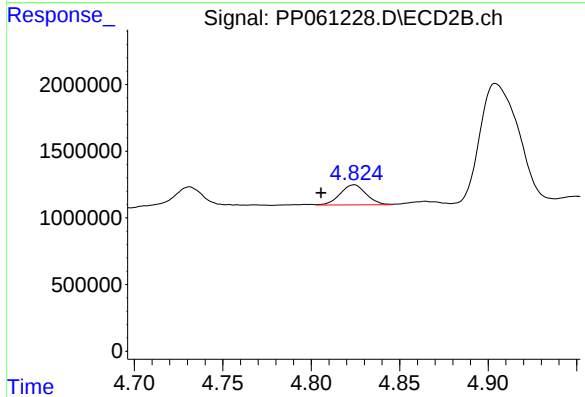
R.T.: 5.046 min
Delta R.T.: -0.022 min
Response: 2331458
Conc: 138.79 ng/ml



#17 AR-1242-2

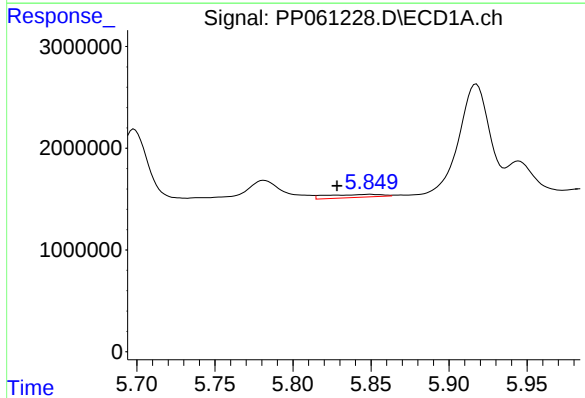
R.T.: 5.781 min
Delta R.T.: 0.016 min
Response: 4472362
Conc: 56.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



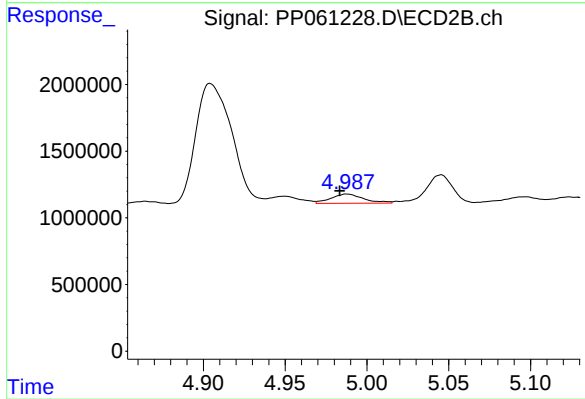
#17 AR-1242-2

R.T.: 4.824 min
Delta R.T.: 0.019 min
Response: 1534084
Conc: 28.02 ng/ml



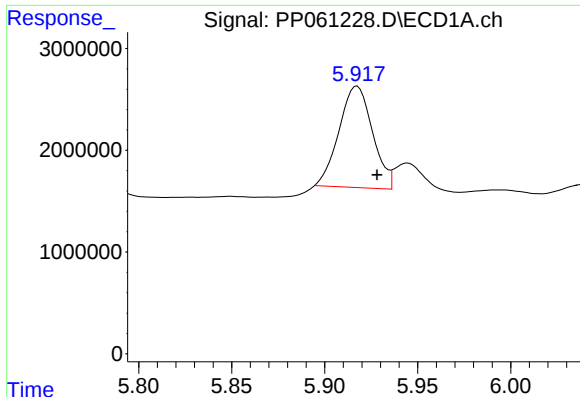
#18 AR-1242-3

R.T.: 5.849 min
Delta R.T.: 0.021 min
Response: 731949
Conc: 14.74 ng/ml



#18 AR-1242-3

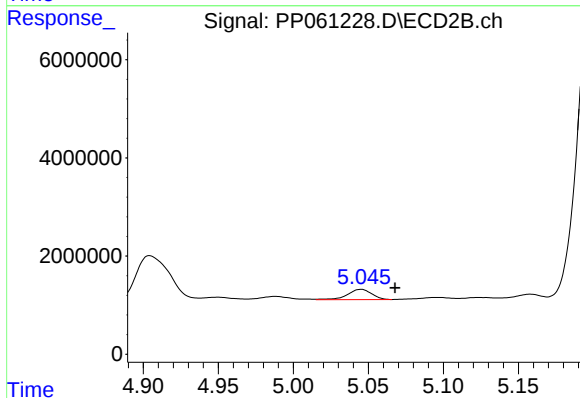
R.T.: 4.987 min
Delta R.T.: 0.004 min
Response: 964170
Conc: 31.04 ng/ml



#19 AR-1242-4

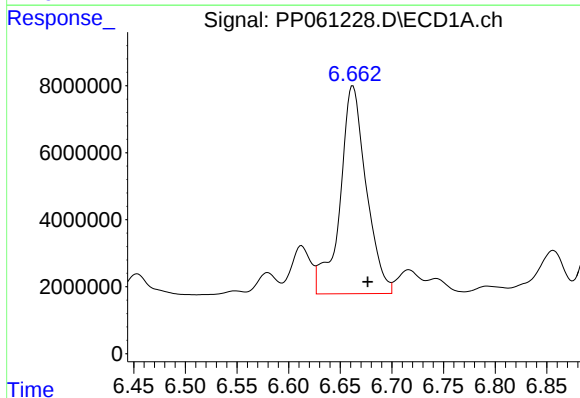
R.T.: 5.917 min
Delta R.T.: -0.011 min
Response: 12470776
Conc: 312.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



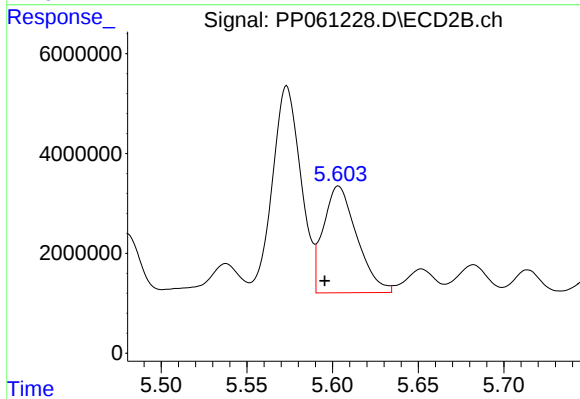
#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.022 min
Response: 2331458
Conc: 74.21 ng/ml



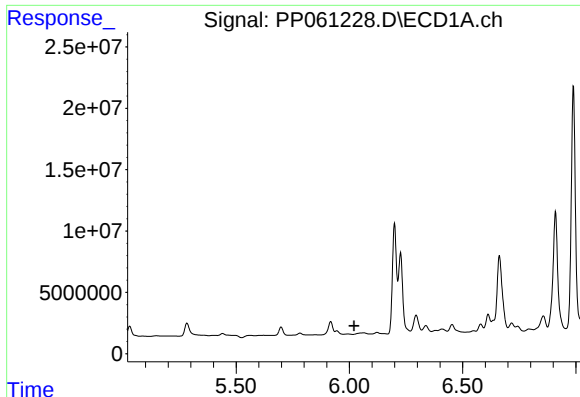
#20 AR-1242-5

R.T.: 6.662 min
Delta R.T.: -0.014 min
Response: 109782183
Conc: 2705.59 ng/ml



#20 AR-1242-5

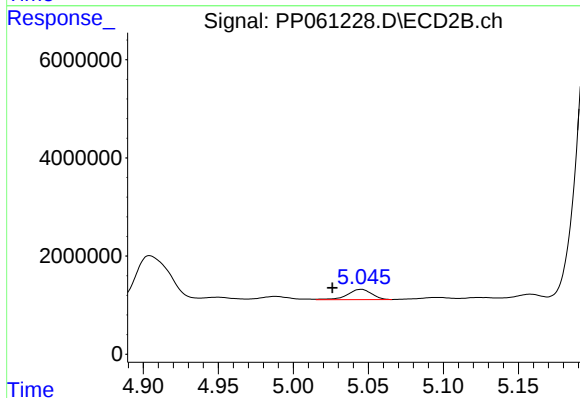
R.T.: 5.603 min
Delta R.T.: 0.008 min
Response: 29000400
Conc: 741.70 ng/ml



#22 AR-1248-2

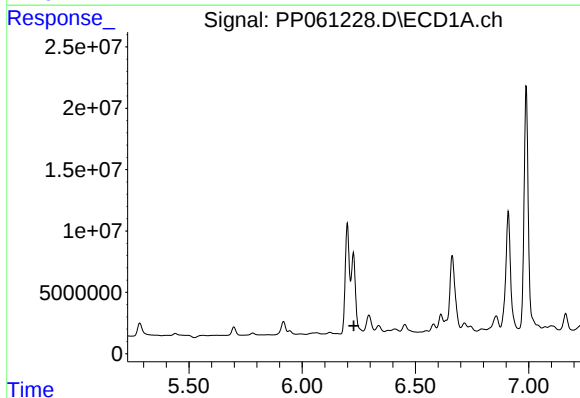
R.T.: 0.000 min
Exp R.T.: 6.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



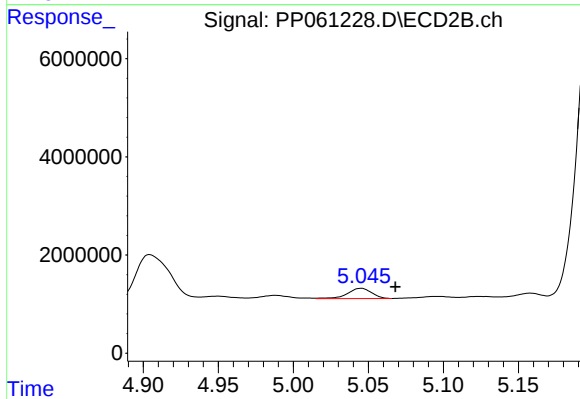
#22 AR-1248-2

R.T.: 5.046 min
Delta R.T.: 0.020 min
Response: 2331458
Conc: 53.22 ng/ml



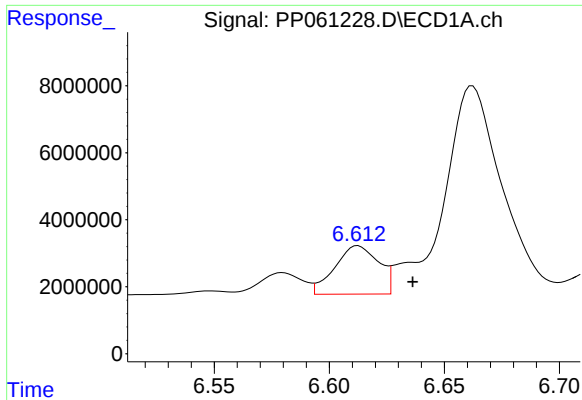
#23 AR-1248-3

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: -25884077
Conc: N.D.



#23 AR-1248-3

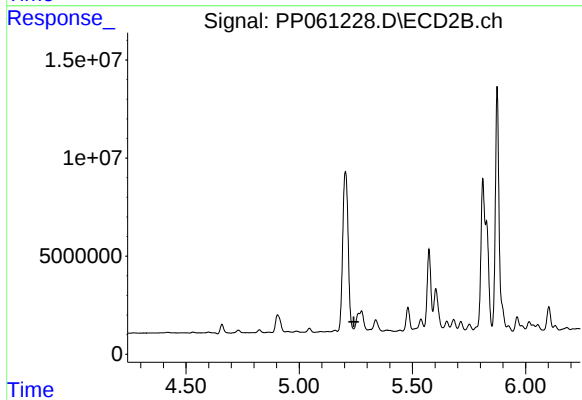
R.T.: 5.046 min
Delta R.T.: -0.023 min
Response: 2331458
Conc: 50.30 ng/ml



#24 AR-1248-4

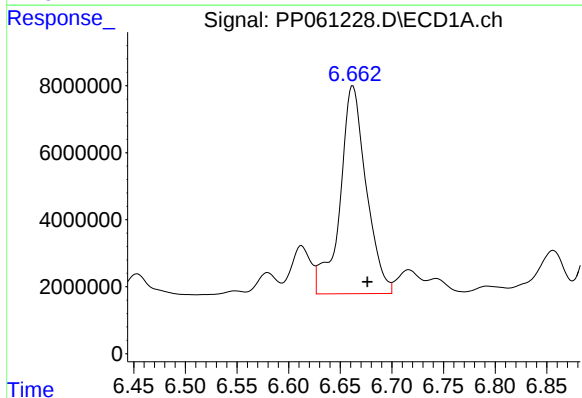
R.T.: 6.612 min
Delta R.T.: -0.024 min
Response: 19124795
Conc: 250.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



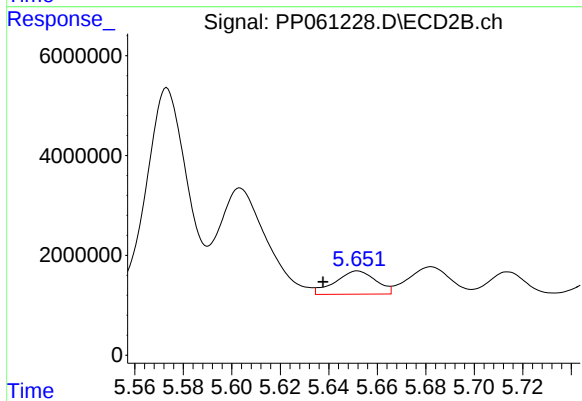
#24 AR-1248-4

R.T.: 5.262 min
Delta R.T.: 0.020 min
Response: -6055512
Conc: N.D.



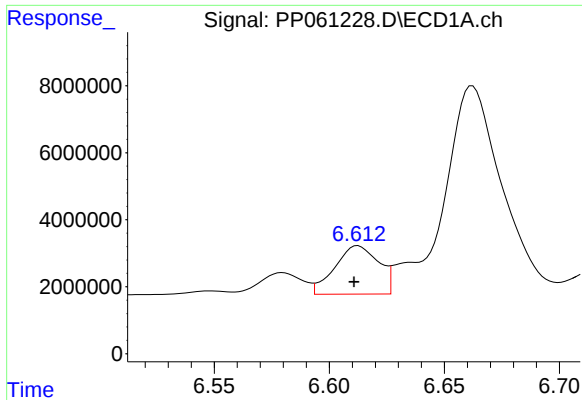
#25 AR-1248-5

R.T.: 6.662 min
Delta R.T.: -0.014 min
Response: 109782183
Conc: 1487.70 ng/ml



#25 AR-1248-5

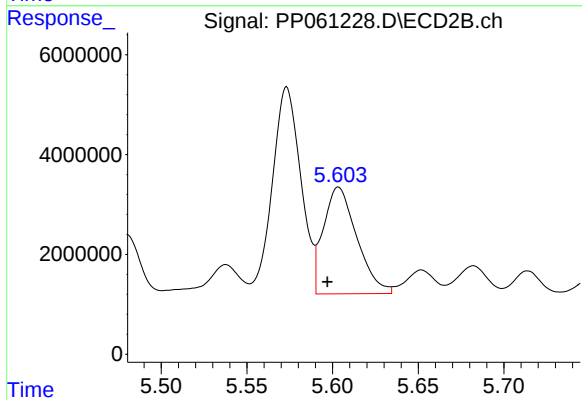
R.T.: 5.652 min
Delta R.T.: 0.014 min
Response: 5403096
Conc: 103.64 ng/ml



#26 AR-1254-1

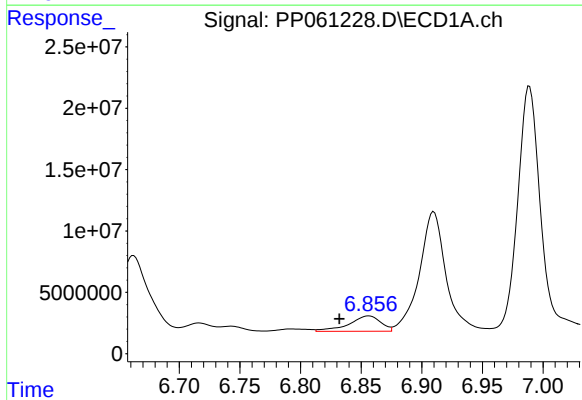
R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 19124795
Conc: 241.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



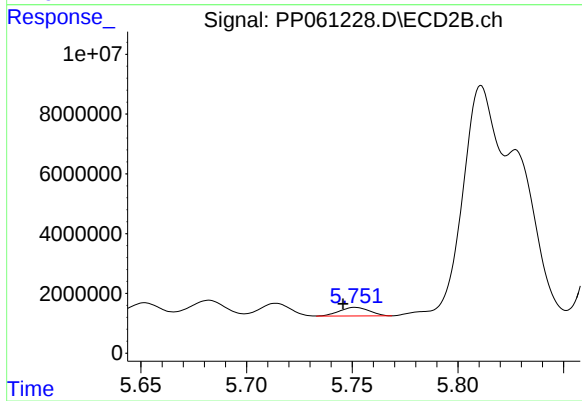
#26 AR-1254-1

R.T.: 5.603 min
Delta R.T.: 0.007 min
Response: 29000400
Conc: 375.35 ng/ml



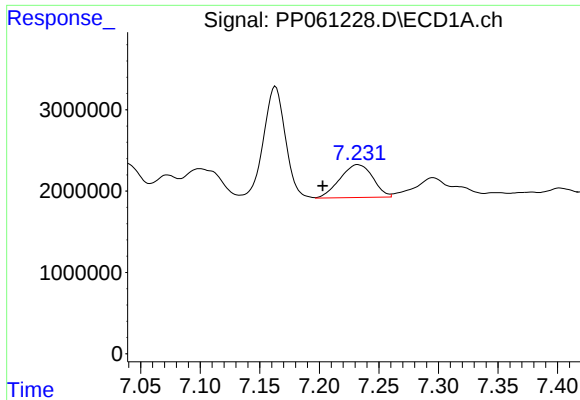
#27 AR-1254-2

R.T.: 6.856 min
Delta R.T.: 0.024 min
Response: 22677248
Conc: 190.36 ng/ml



#27 AR-1254-2

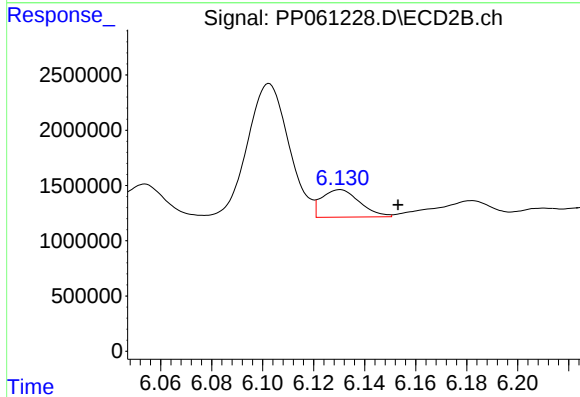
R.T.: 5.751 min
Delta R.T.: 0.006 min
Response: 2801369
Conc: 40.43 ng/ml



#28 AR-1254-3

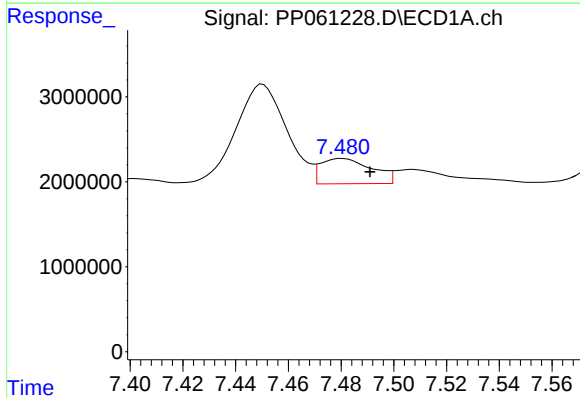
R.T.: 7.232 min
Delta R.T.: 0.029 min
Response: 7780602
Conc: 63.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



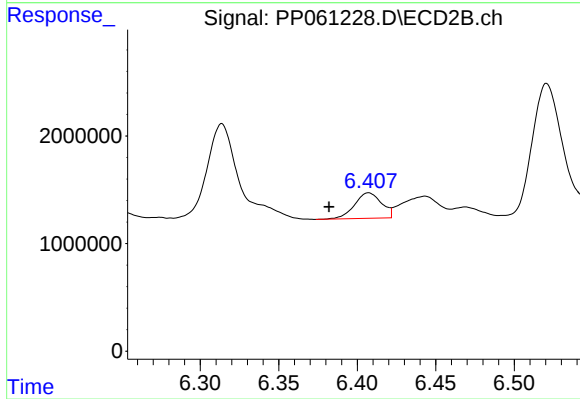
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: -0.023 min
Response: 2567914
Conc: 22.69 ng/ml



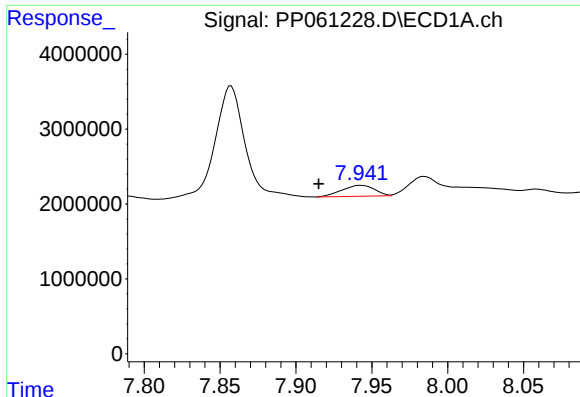
#29 AR-1254-4

R.T.: 7.480 min
Delta R.T.: -0.011 min
Response: 4002291
Conc: 45.47 ng/ml



#29 AR-1254-4

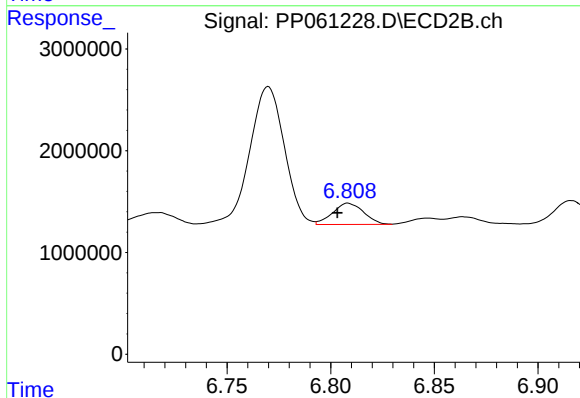
R.T.: 6.407 min
Delta R.T.: 0.025 min
Response: 2829906
Conc: 41.19 ng/ml



#30 AR-1254-5

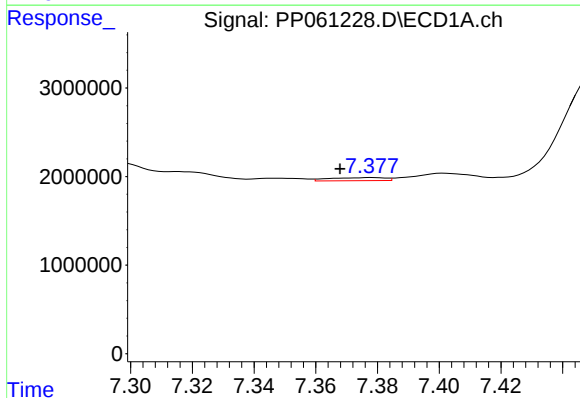
R.T.: 7.943 min
Delta R.T.: 0.028 min
Response: 2185526
Conc: 22.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



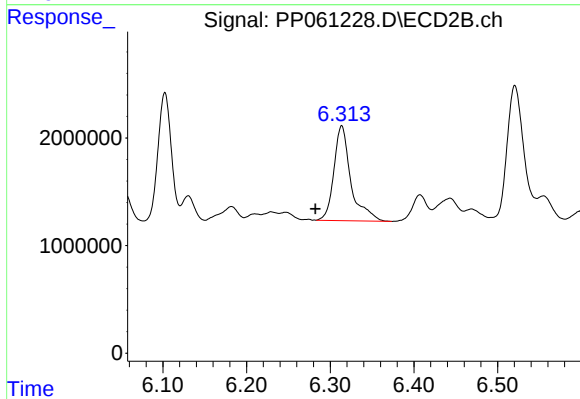
#30 AR-1254-5

R.T.: 6.808 min
Delta R.T.: 0.005 min
Response: 2180077
Conc: 20.38 ng/ml



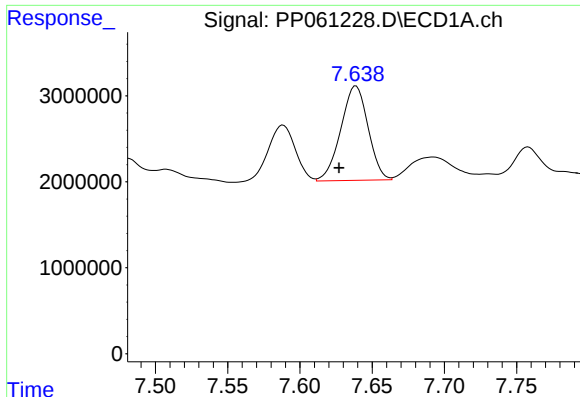
#31 AR-1260-1

R.T.: 7.378 min
Delta R.T.: 0.011 min
Response: 442128
Conc: 4.72 ng/ml



#31 AR-1260-1

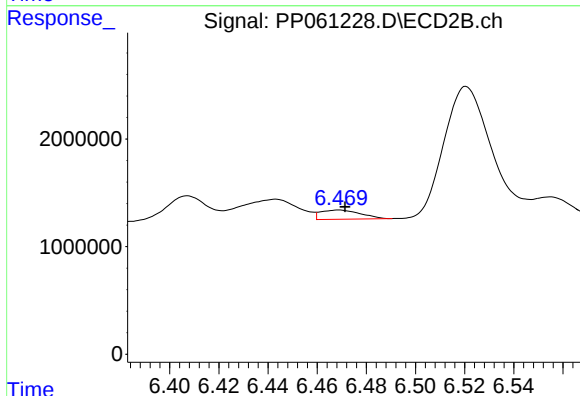
R.T.: 6.314 min
Delta R.T.: 0.031 min
Response: 12444317
Conc: 150.38 ng/ml



#32 AR-1260-2

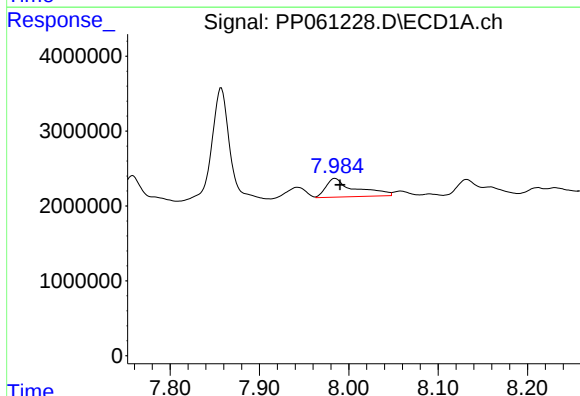
R.T.: 7.639 min
Delta R.T.: 0.012 min
Response: 14410657
Conc: 132.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



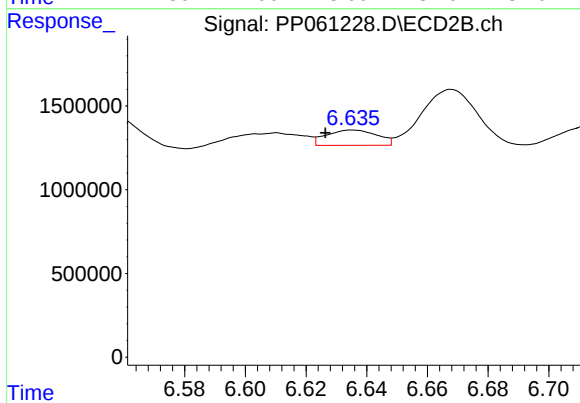
#32 AR-1260-2

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 964128
Conc: 9.79 ng/ml



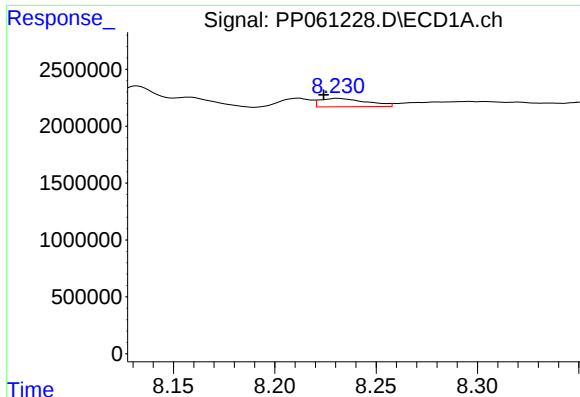
#33 AR-1260-3

R.T.: 7.985 min
Delta R.T.: -0.006 min
Response: 5687849
Conc: 81.84 ng/ml



#33 AR-1260-3

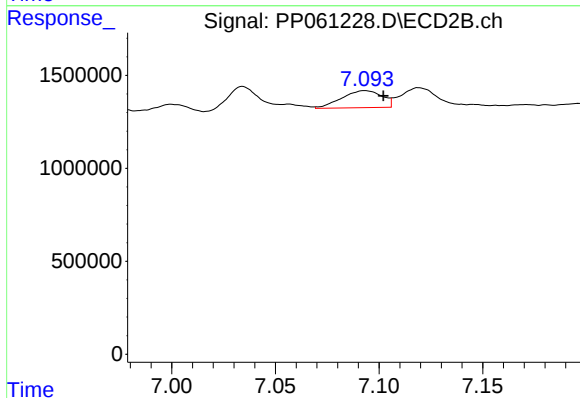
R.T.: 6.635 min
Delta R.T.: 0.009 min
Response: 1062043
Conc: 11.23 ng/ml



#34 AR-1260-4

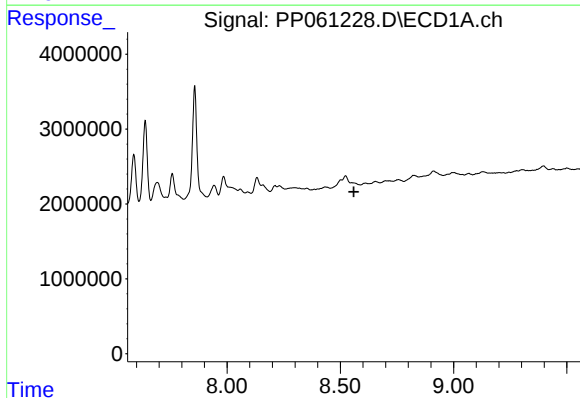
R.T.: 8.231 min
Delta R.T.: 0.007 min
Response: 1166990
Conc: 13.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



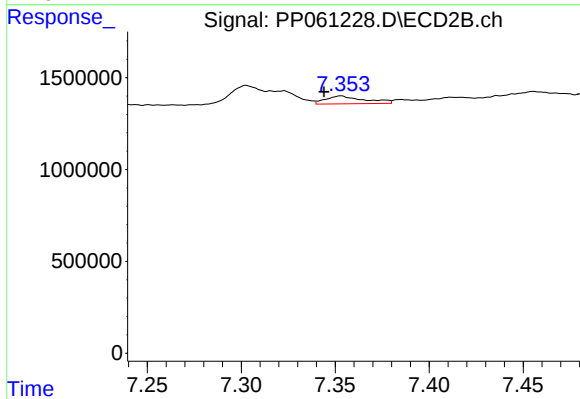
#34 AR-1260-4

R.T.: 7.093 min
Delta R.T.: -0.009 min
Response: 1233441
Conc: 17.21 ng/ml



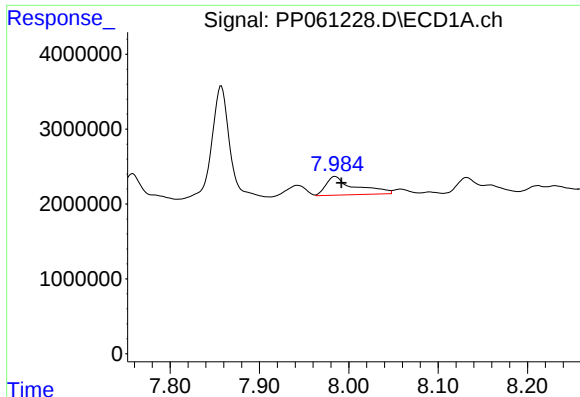
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.560 min
Response: 0
Conc: N.D.



#35 AR-1260-5

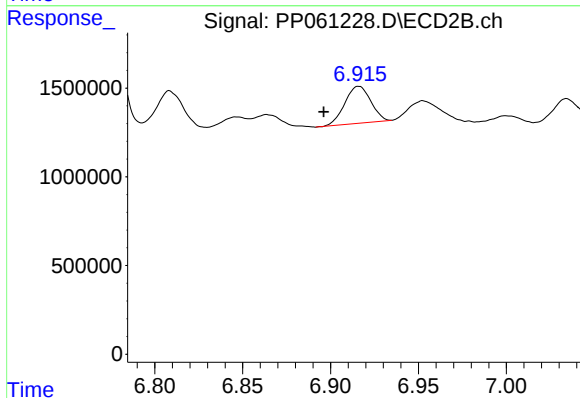
R.T.: 7.353 min
Delta R.T.: 0.009 min
Response: 611858
Conc: 3.65 ng/ml



#36 AR-1262-1

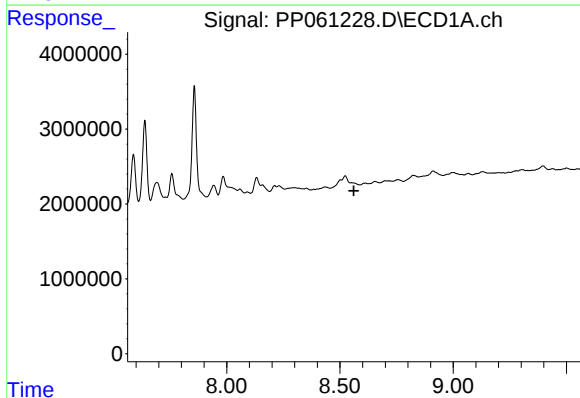
R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 5687849
Conc: 45.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



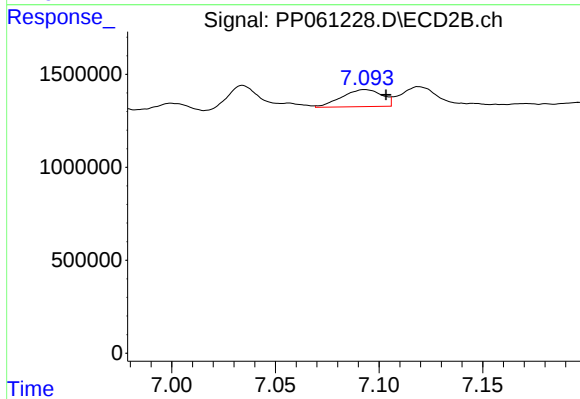
#36 AR-1262-1

R.T.: 6.916 min
Delta R.T.: 0.020 min
Response: 2133648
Conc: 44.76 ng/ml



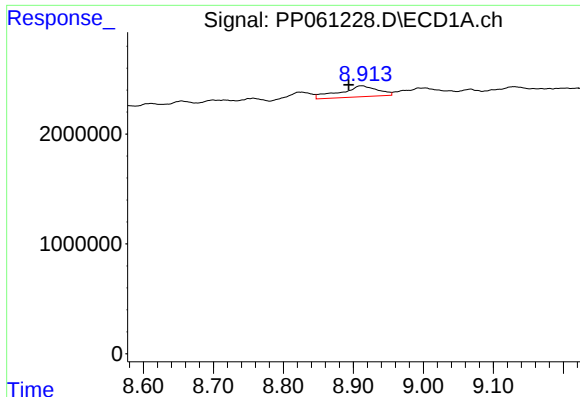
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.562 min
Response: 0
Conc: N.D.



#37 AR-1262-2

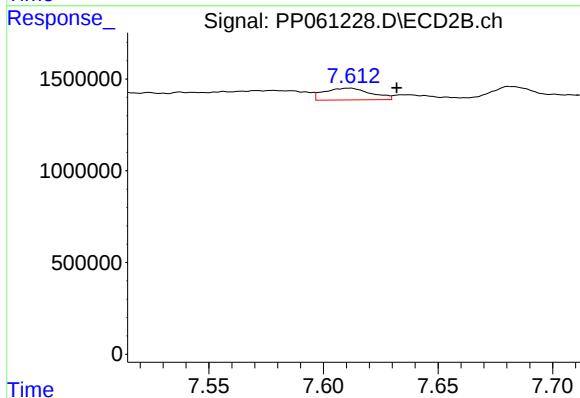
R.T.: 7.093 min
Delta R.T.: -0.010 min
Response: 1233441
Conc: 11.71 ng/ml



#38 AR-1262-3

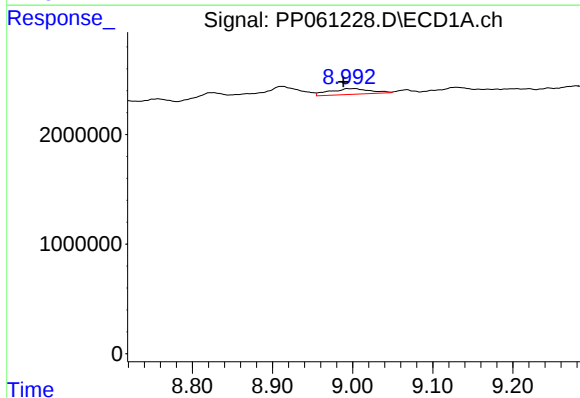
R.T.: 8.912 min
Delta R.T.: 0.019 min
Response: 3687502
Conc: 24.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



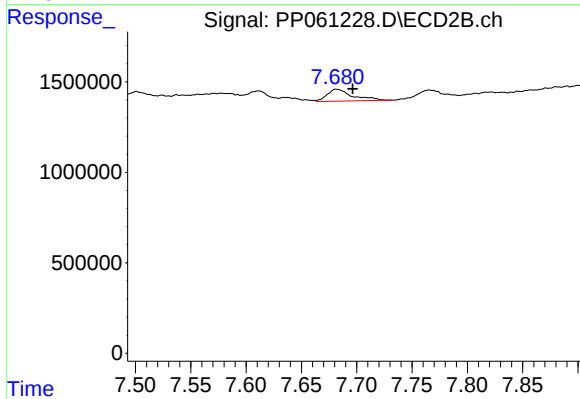
#38 AR-1262-3

R.T.: 7.611 min
Delta R.T.: -0.021 min
Response: 913405
Conc: 10.91 ng/ml



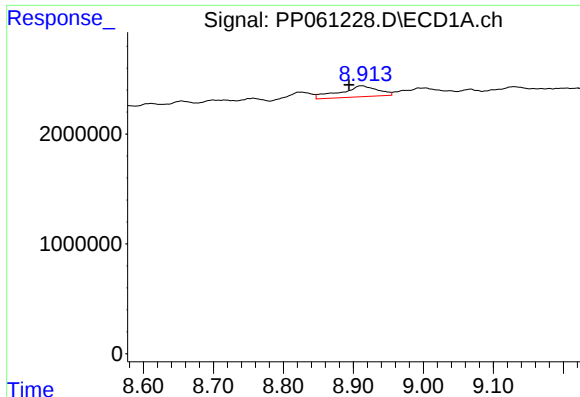
#39 AR-1262-4

R.T.: 9.002 min
Delta R.T.: 0.014 min
Response: 1809090
Conc: 16.00 ng/ml



#39 AR-1262-4

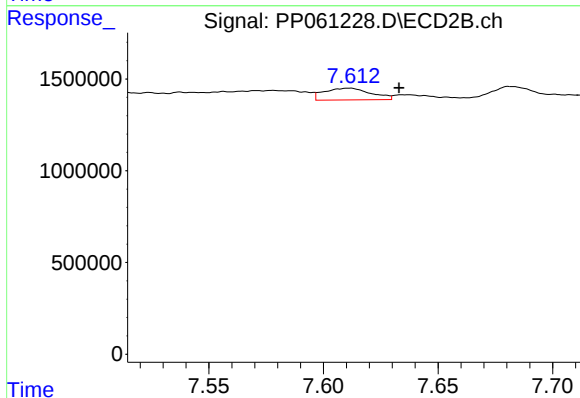
R.T.: 7.682 min
Delta R.T.: -0.014 min
Response: 1044129
Conc: 6.90 ng/ml



#41 AR-1268-1

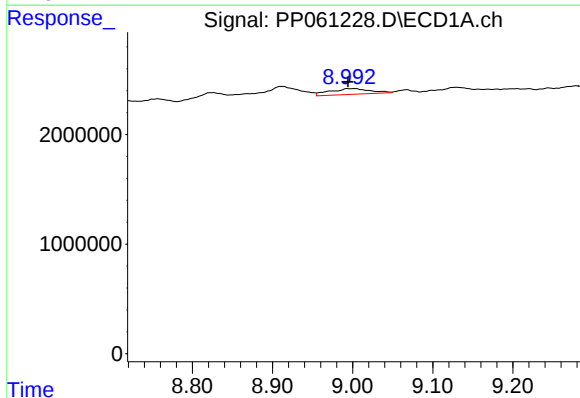
R.T.: 8.912 min
Delta R.T.: 0.018 min
Response: 3687502
Conc: 14.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



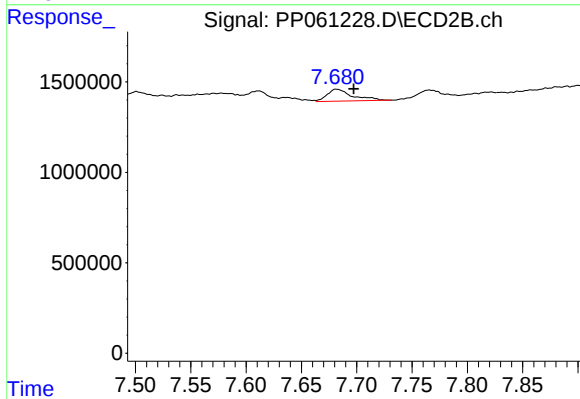
#41 AR-1268-1

R.T.: 7.611 min
Delta R.T.: -0.022 min
Response: 913405
Conc: 3.81 ng/ml



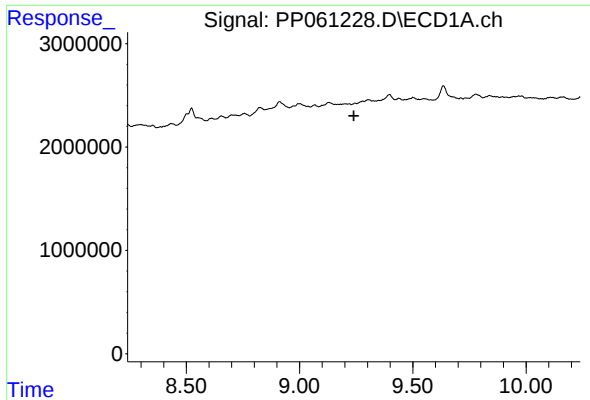
#42 AR-1268-2

R.T.: 9.002 min
Delta R.T.: 0.008 min
Response: 1809090
Conc: 7.72 ng/ml



#42 AR-1268-2

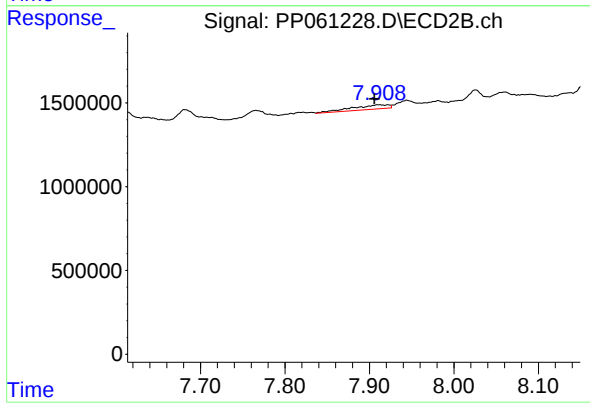
R.T.: 7.682 min
Delta R.T.: -0.016 min
Response: 1044129
Conc: 4.87 ng/ml



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#43 AR-1268-3

R.T.: 7.911 min
Delta R.T.: 0.005 min
Response: 806845
Conc: 4.26 ng/ml