

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010923\
 Data File : PP054338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 18:49
 Operator : YP\AJ
 Sample : 01052-01
 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: Jan 09 20:51:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.338	3.589	33111319	19873364	16.351	12.321
2)	SA Decachlor...	10.097	8.610	18077748	17738278	12.587	12.574
Target Compounds							
3)	L1 AR-1016-1	5.525f	4.686	62787	3110784	0.850	59.786 #
4)	L1 AR-1016-2	5.525	4.686	62787	3110784	0.588	43.433 #
5)	L1 AR-1016-3	5.581	4.867	627918	1462110	9.178	37.272 #
6)	L1 AR-1016-4	5.681	4.918	489451	2205959	9.401	64.101 #
8)	L2 AR-1221-1	4.544	3.779f	17763169	914419	738.771	47.854 #
9)	L2 AR-1221-2	4.648	3.901	2296097	958491	129.599	65.005 #
10)	L2 AR-1221-3	4.703	3.976	436269	257556	8.094	5.799 #
11)	L3 AR-1232-1	4.703	3.976	436269	257556	9.699	6.920 #
12)	L3 AR-1232-2	5.234	4.686	1490762	3110784	57.130	58.042
13)	L3 AR-1232-3	5.525	4.867	62787	1462110	1.365	88.065 #
14)	L3 AR-1232-4	5.681	4.973f	489451	1760661	21.858	104.956 #
16)	L4 AR-1242-1	5.525	4.686	62787	3110784	1.057	73.685 #
17)	L4 AR-1242-2	5.525	4.686	62787	3110784	0.734	53.433 #
18)	L4 AR-1242-3	5.581f	4.867	627918	1462110	11.492	45.718 #
19)	L4 AR-1242-4	5.681	4.973f	489451	1760661	11.678	50.471 #
20)	L4 AR-1242-5	6.420	5.472	4989489	4464778	152.005	118.668
21)	L5 AR-1248-1	5.525	4.686	62787	3110784	1.398	95.633 #
22)	L5 AR-1248-2	5.785	4.918	-1102176	2205959	N.D.	44.669 #
23)	L5 AR-1248-3	5.980	4.973f	1721492	1760661	29.042	34.118
25)	L5 AR-1248-5	6.420	5.508	4989489	26594331	89.925	536.235 #
26)	L6 AR-1254-1	6.373	5.472	898778	4464778	14.465	52.064 #
27)	L6 AR-1254-2	0.000	5.609f	0	1660224	N.D.	22.348 #
28)	L6 AR-1254-3	6.967	6.061f	2507978	17191004	26.420	148.106 #
29)	L6 AR-1254-4	7.226f	6.268	2849383	273205	42.005	4.340 #
30)	L6 AR-1254-5	0.000	6.700f	0	454638	N.D.	4.755 #
31)	L7 AR-1260-1	7.123	6.150	1081415	5733247	13.872	67.679 #
32)	L7 AR-1260-2	7.388	6.351	10867397	6245592	121.331	65.303 #
33)	L7 AR-1260-3	7.762f	6.526f	46819	788937	0.685	8.631 #
34)	L7 AR-1260-4	7.967	6.959f	4678568	4628565	58.724	61.059
35)	L7 AR-1260-5	8.269	7.220	1095615	969215	7.639	6.119
36)	L8 AR-1262-1	7.762f	6.768	46819	814675	0.557	19.954 #
37)	L8 AR-1262-2	8.269f	6.959f	1095615	4628565	7.742	53.461 #
38)	L8 AR-1262-3	8.612	7.503	628632	321519	6.071	4.816
39)	L8 AR-1262-4	8.682	7.585	1276243	1216671	25.210	10.397 #
40)	L8 AR-1262-5	9.328f	8.060	457343	385574	8.141	6.999
41)	L9 AR-1268-1	8.612f	7.503	628632	321519	3.225	1.583 #
42)	L9 AR-1268-2	8.682	7.585	1276243	1216671	7.232	6.604
43)	L9 AR-1268-3	8.911	7.797f	788036	-115424	5.080	N.D. #
44)	L9 AR-1268-4	9.328f	8.060	457343	385574	6.684	6.103

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 ALS Vial : 20 Sample Multiplier: 1

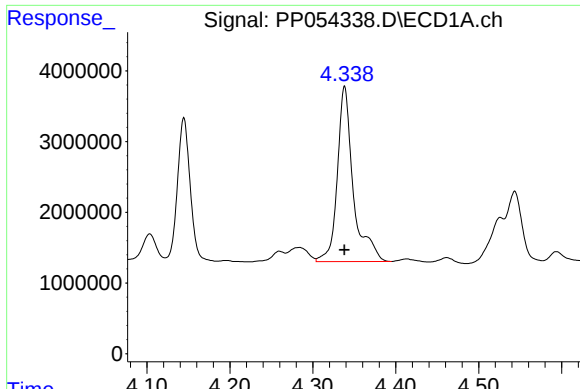
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:51:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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
45) L9	AR-1268-5	9.770	0.000	1413217	0	2.772	N.D. #

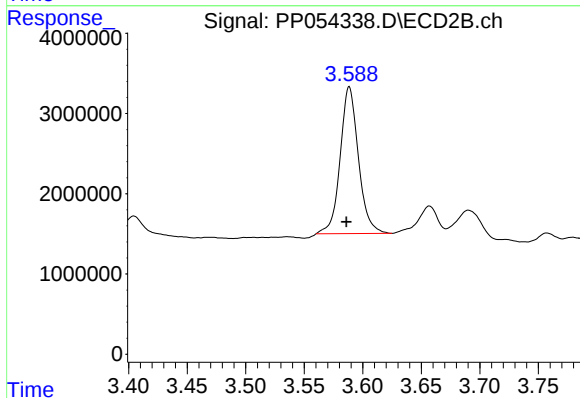
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

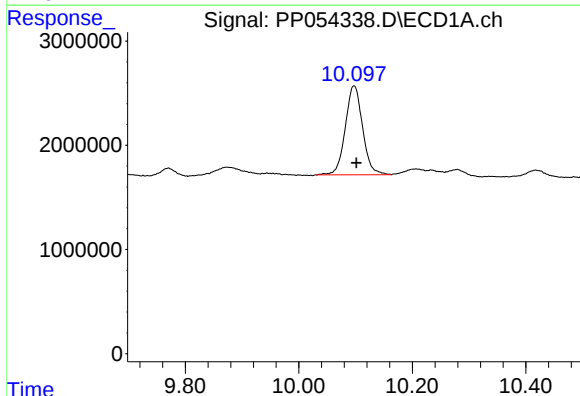
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 33111319
Conc: 16.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



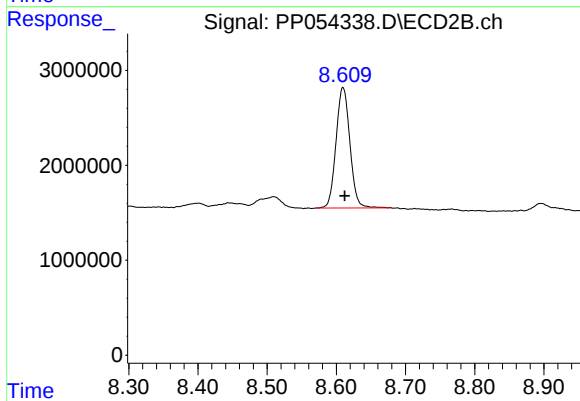
#1 Tetrachloro-m-xylene

R.T.: 3.589 min
Delta R.T.: 0.002 min
Response: 19873364
Conc: 12.32 ng/ml



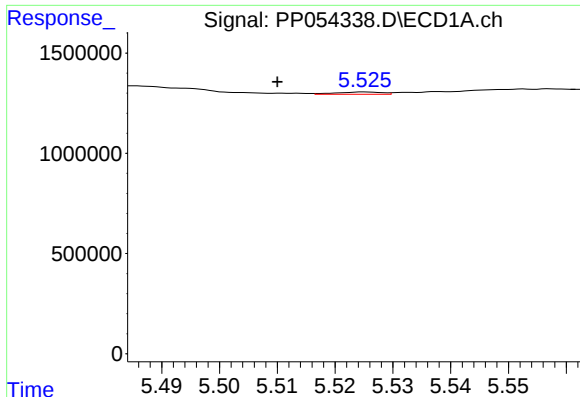
#2 Decachlorobiphenyl

R.T.: 10.097 min
Delta R.T.: -0.004 min
Response: 18077748
Conc: 12.59 ng/ml



#2 Decachlorobiphenyl

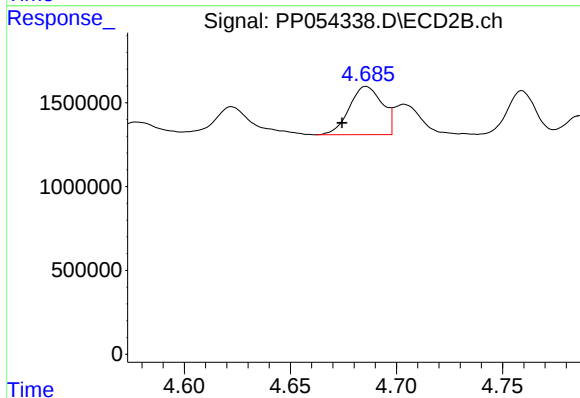
R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 17738278
Conc: 12.57 ng/ml



#3 AR-1016-1

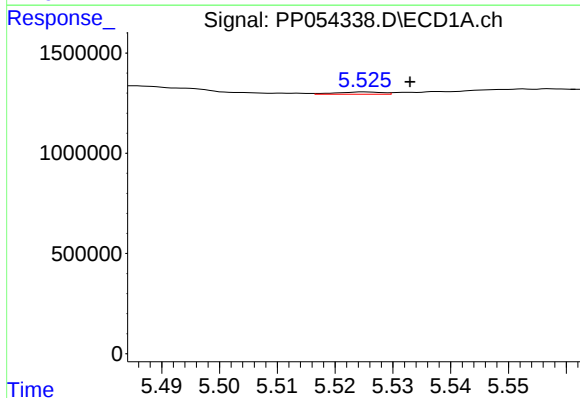
R.T.: 5.525 min
Delta R.T.: 0.015 min
Response: 62787
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



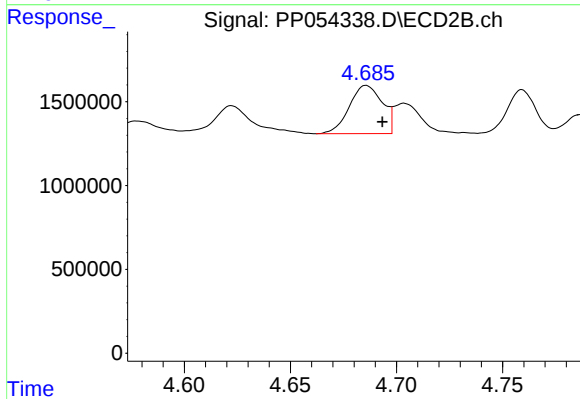
#3 AR-1016-1

R.T.: 4.686 min
Delta R.T.: 0.011 min
Response: 3110784
Conc: 59.79 ng/ml



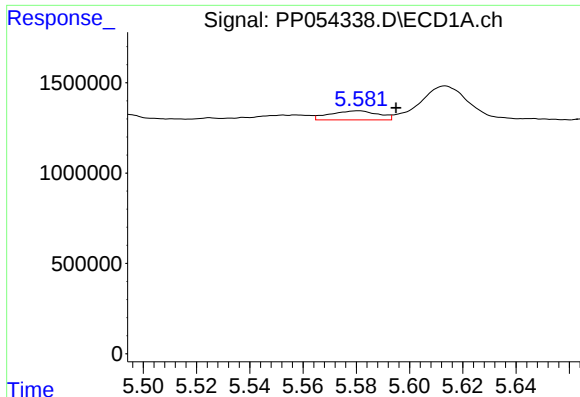
#4 AR-1016-2

R.T.: 5.525 min
Delta R.T.: -0.008 min
Response: 62787
Conc: 0.59 ng/ml



#4 AR-1016-2

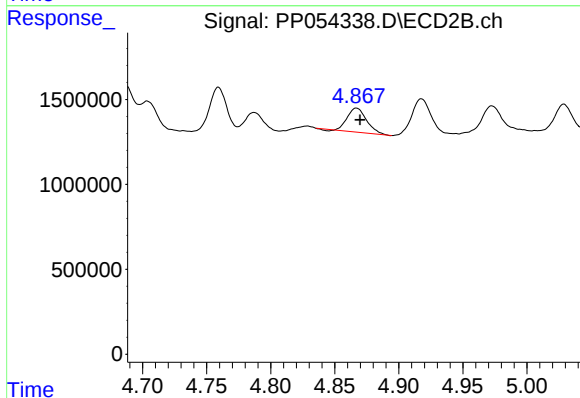
R.T.: 4.686 min
Delta R.T.: -0.008 min
Response: 3110784
Conc: 43.43 ng/ml



#5 AR-1016-3

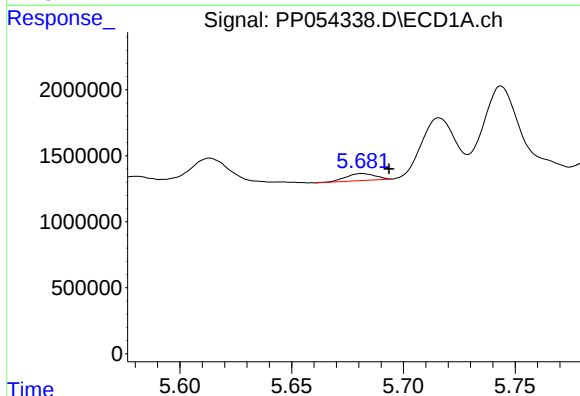
R.T.: 5.581 min
Delta R.T.: -0.014 min
Response: 627918
Conc: 9.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



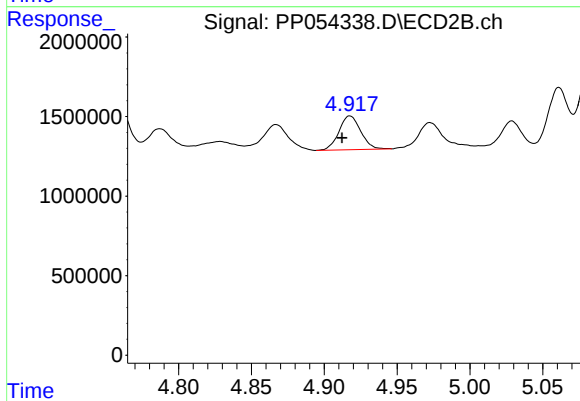
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 1462110
Conc: 37.27 ng/ml



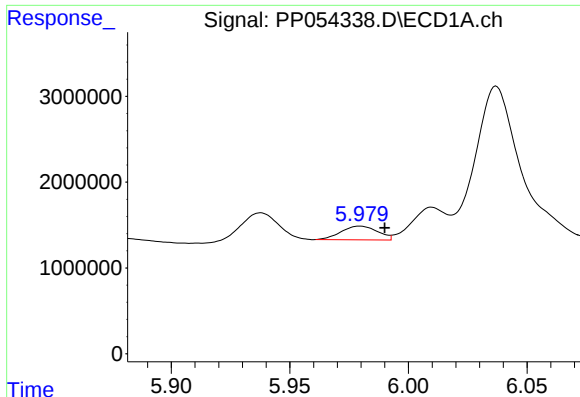
#6 AR-1016-4

R.T.: 5.681 min
Delta R.T.: -0.012 min
Response: 489451
Conc: 9.40 ng/ml



#6 AR-1016-4

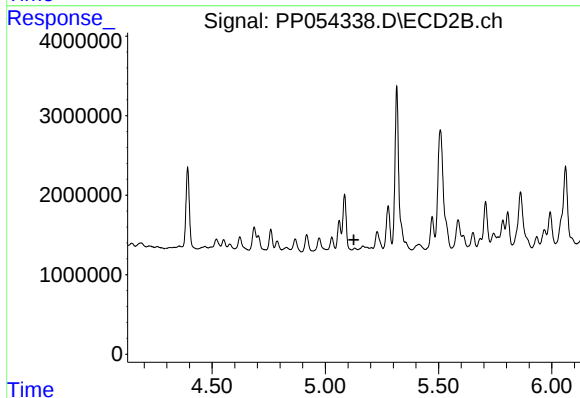
R.T.: 4.918 min
Delta R.T.: 0.005 min
Response: 2205959
Conc: 64.10 ng/ml



#7 AR-1016-5

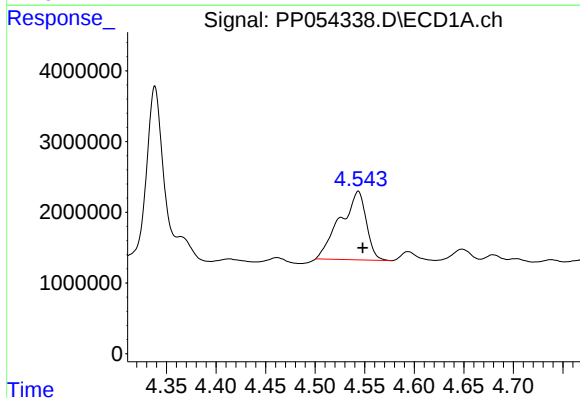
R.T.: 5.980 min
Delta R.T.: -0.010 min
Response: 1721492
Conc: 38.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



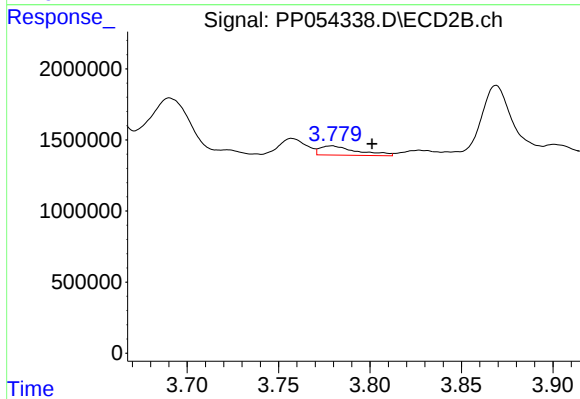
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: 0.003 min
Response: -3290634
Conc: N.D.



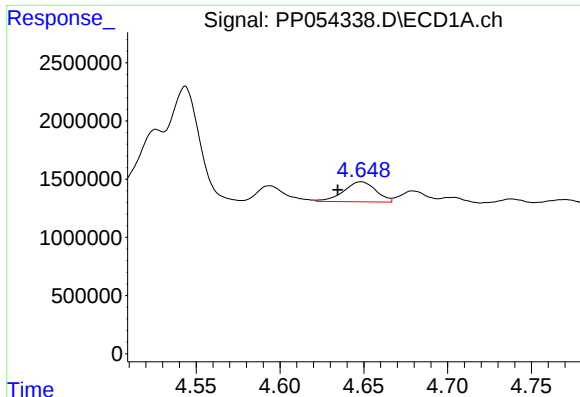
#8 AR-1221-1

R.T.: 4.544 min
Delta R.T.: -0.004 min
Response: 17763169
Conc: 738.77 ng/ml



#8 AR-1221-1

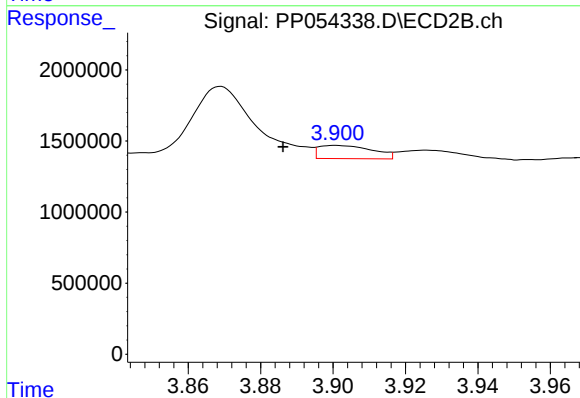
R.T.: 3.779 min
Delta R.T.: -0.022 min
Response: 914419
Conc: 47.85 ng/ml



#9 AR-1221-2

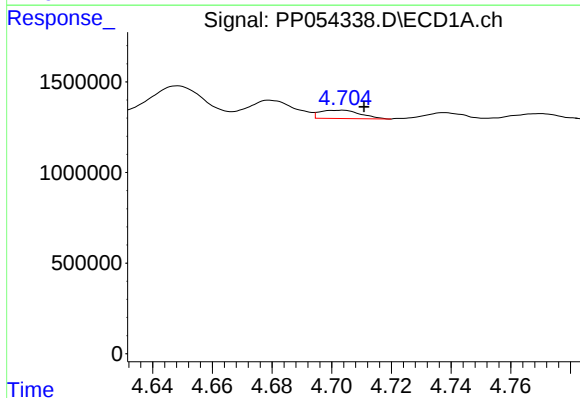
R.T.: 4.648 min
Delta R.T.: 0.014 min
Response: 2296097
Conc: 129.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



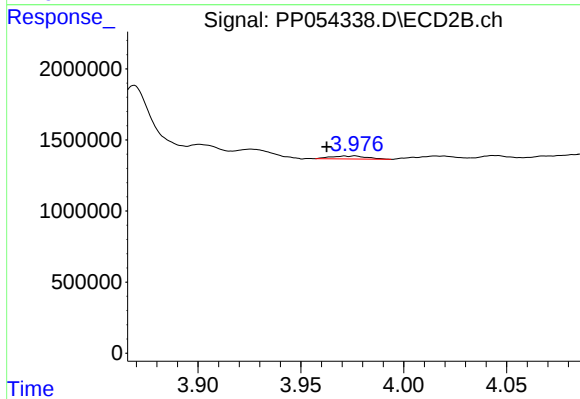
#9 AR-1221-2

R.T.: 3.901 min
Delta R.T.: 0.015 min
Response: 958491
Conc: 65.01 ng/ml



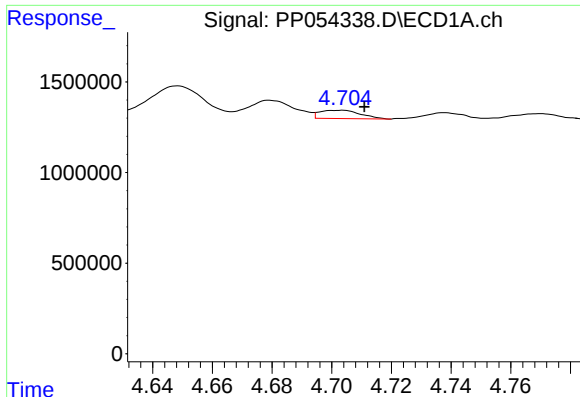
#10 AR-1221-3

R.T.: 4.703 min
Delta R.T.: -0.008 min
Response: 436269
Conc: 8.09 ng/ml



#10 AR-1221-3

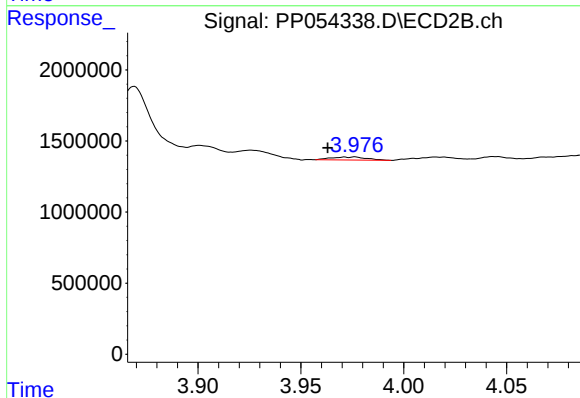
R.T.: 3.976 min
Delta R.T.: 0.014 min
Response: 257556
Conc: 5.80 ng/ml



#11 AR-1232-1

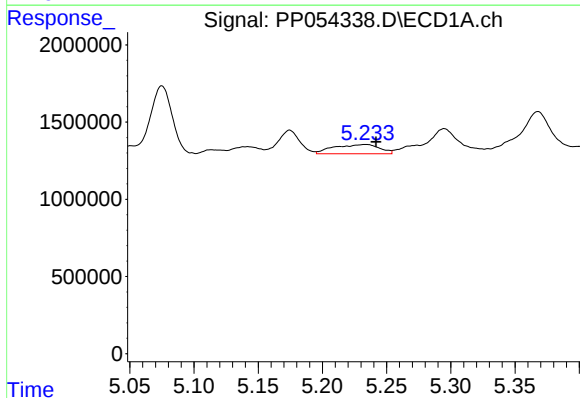
R.T.: 4.703 min
Delta R.T.: -0.008 min
Response: 436269
Conc: 9.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



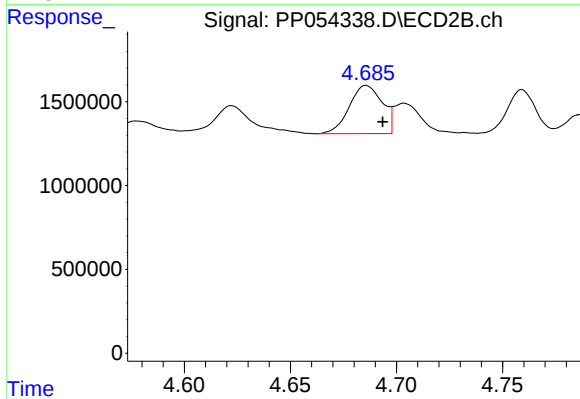
#11 AR-1232-1

R.T.: 3.976 min
Delta R.T.: 0.013 min
Response: 257556
Conc: 6.92 ng/ml



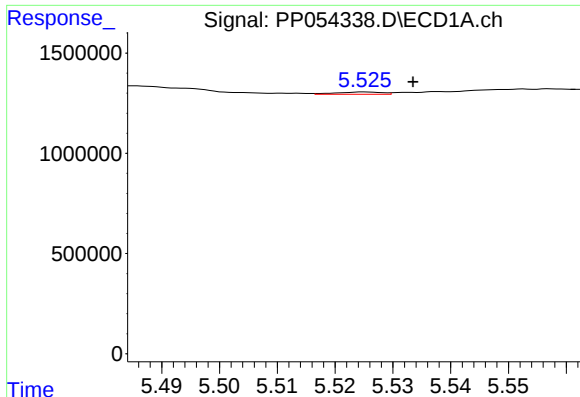
#12 AR-1232-2

R.T.: 5.234 min
Delta R.T.: -0.008 min
Response: 1490762
Conc: 57.13 ng/ml



#12 AR-1232-2

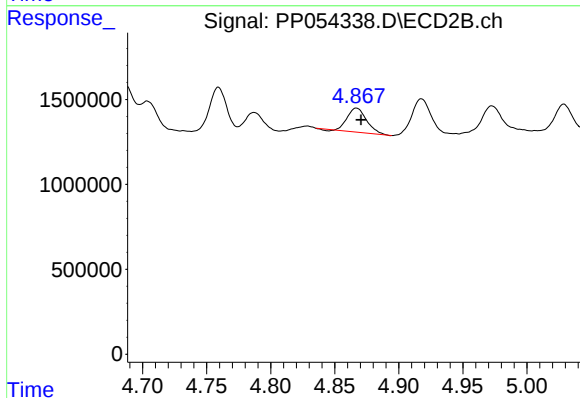
R.T.: 4.686 min
Delta R.T.: -0.008 min
Response: 3110784
Conc: 58.04 ng/ml



#13 AR-1232-3

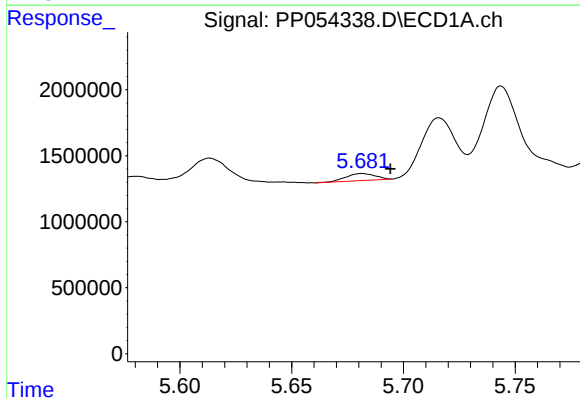
R.T.: 5.525 min
Delta R.T.: -0.008 min
Response: 62787
Conc: 1.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



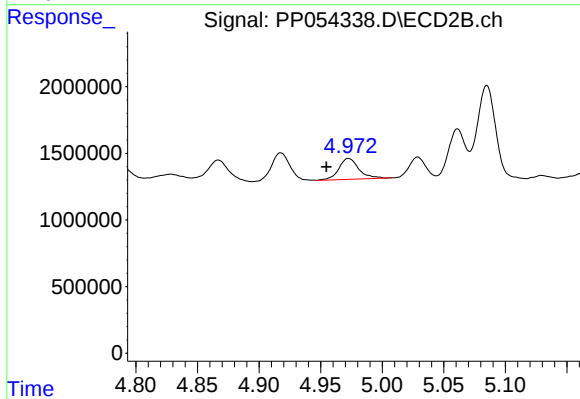
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 1462110
Conc: 88.07 ng/ml



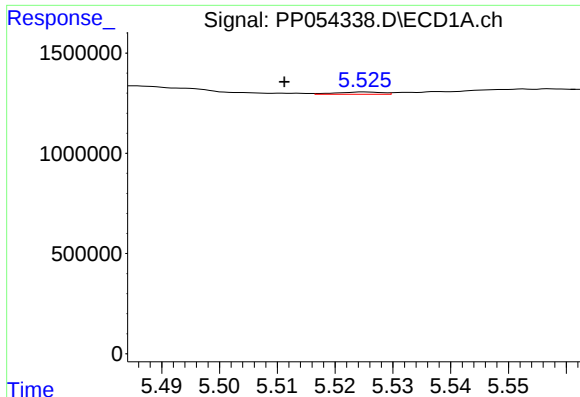
#14 AR-1232-4

R.T.: 5.681 min
Delta R.T.: -0.013 min
Response: 489451
Conc: 21.86 ng/ml



#14 AR-1232-4

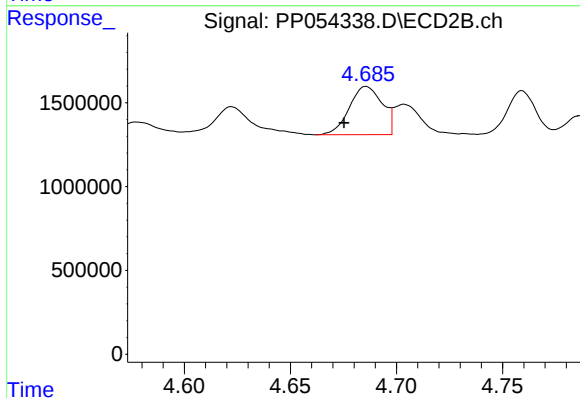
R.T.: 4.973 min
Delta R.T.: 0.018 min
Response: 1760661
Conc: 104.96 ng/ml



#16 AR-1242-1

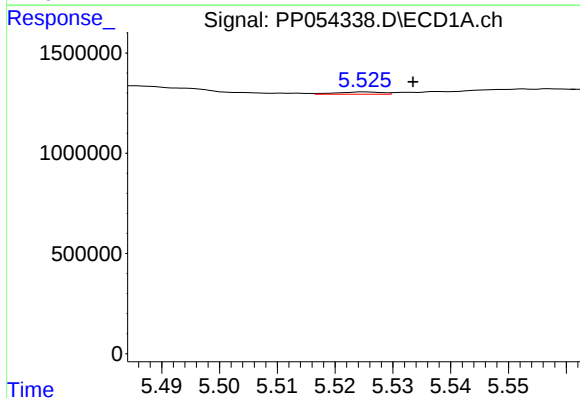
R.T.: 5.525 min
Delta R.T.: 0.014 min
Response: 62787
Conc: 1.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



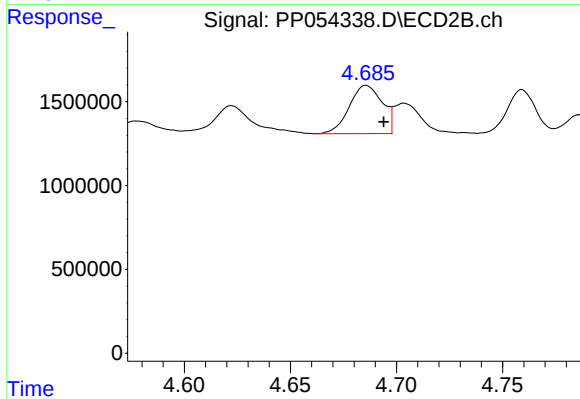
#16 AR-1242-1

R.T.: 4.686 min
Delta R.T.: 0.010 min
Response: 3110784
Conc: 73.68 ng/ml



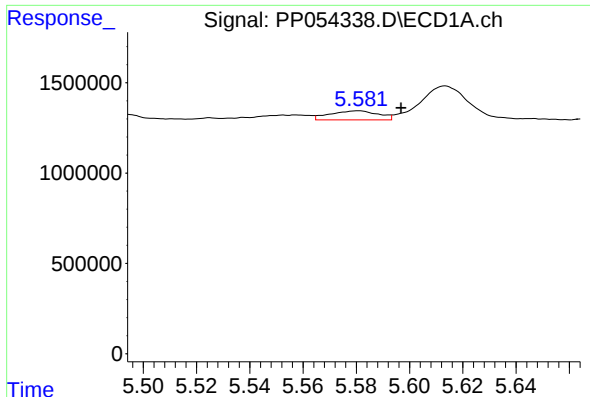
#17 AR-1242-2

R.T.: 5.525 min
Delta R.T.: -0.008 min
Response: 62787
Conc: 0.73 ng/ml



#17 AR-1242-2

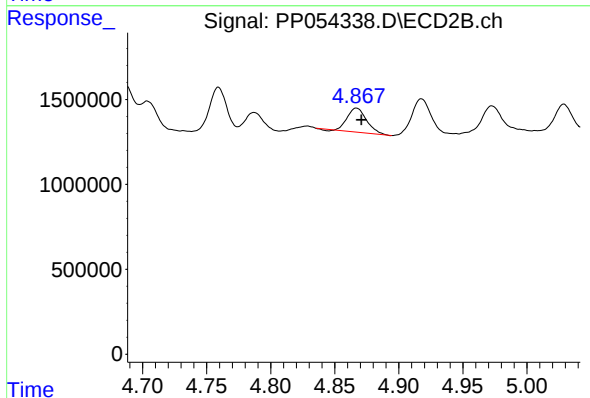
R.T.: 4.686 min
Delta R.T.: -0.008 min
Response: 3110784
Conc: 53.43 ng/ml



#18 AR-1242-3

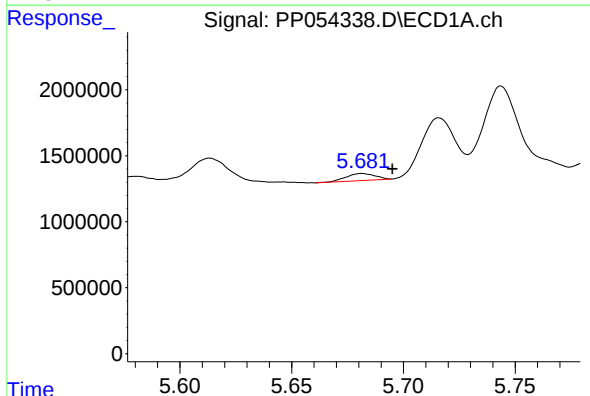
R.T.: 5.581 min
Delta R.T.: -0.016 min
Response: 627918
Conc: 11.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



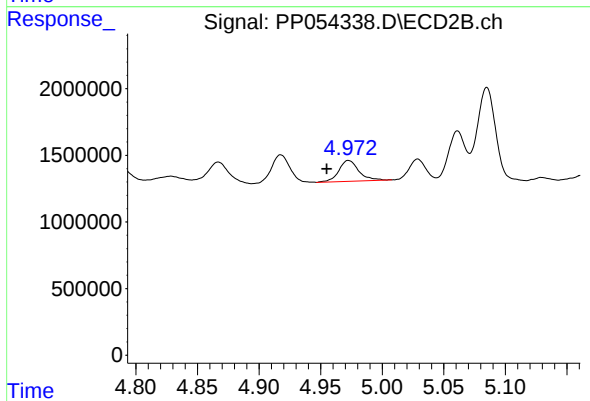
#18 AR-1242-3

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 1462110
Conc: 45.72 ng/ml



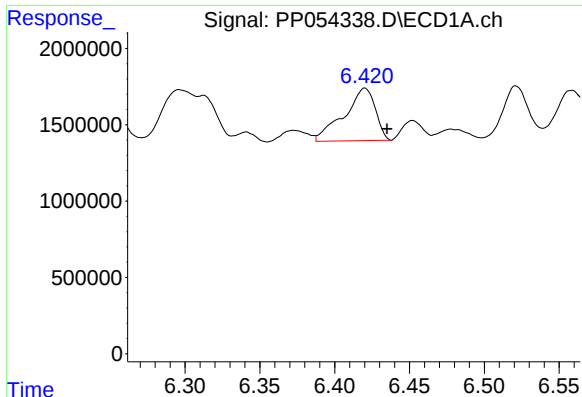
#19 AR-1242-4

R.T.: 5.681 min
Delta R.T.: -0.014 min
Response: 489451
Conc: 11.68 ng/ml



#19 AR-1242-4

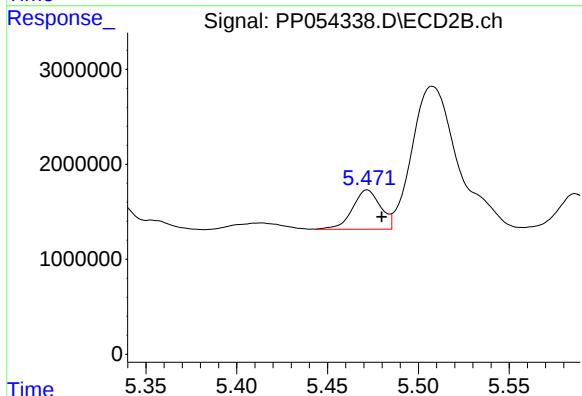
R.T.: 4.973 min
Delta R.T.: 0.018 min
Response: 1760661
Conc: 50.47 ng/ml



#20 AR-1242-5

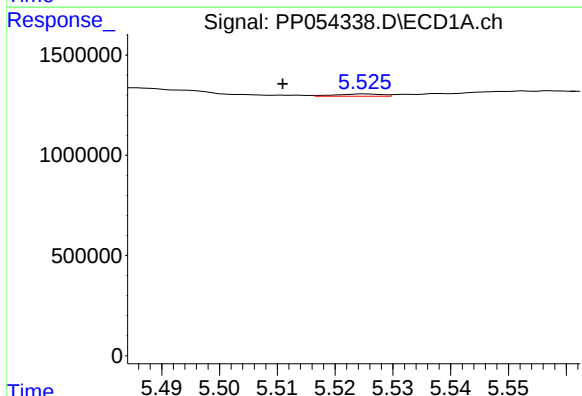
R.T.: 6.420 min
Delta R.T.: -0.015 min
Response: 4989489
Conc: 152.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



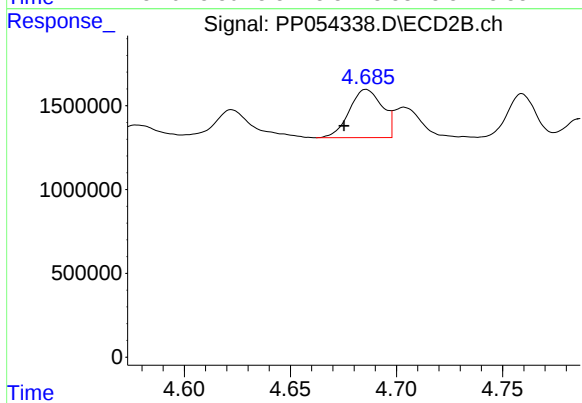
#20 AR-1242-5

R.T.: 5.472 min
Delta R.T.: -0.008 min
Response: 4464778
Conc: 118.67 ng/ml



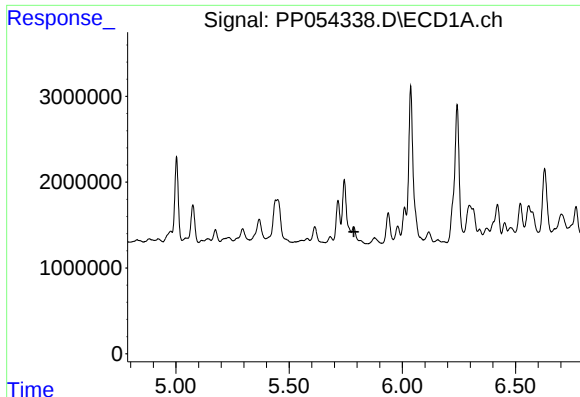
#21 AR-1248-1

R.T.: 5.525 min
Delta R.T.: 0.014 min
Response: 62787
Conc: 1.40 ng/ml



#21 AR-1248-1

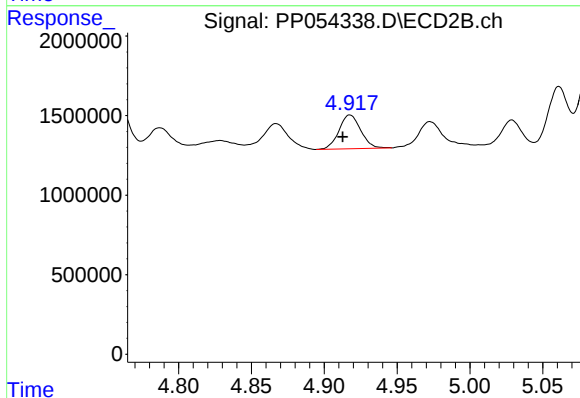
R.T.: 4.686 min
Delta R.T.: 0.010 min
Response: 3110784
Conc: 95.63 ng/ml



#22 AR-1248-2

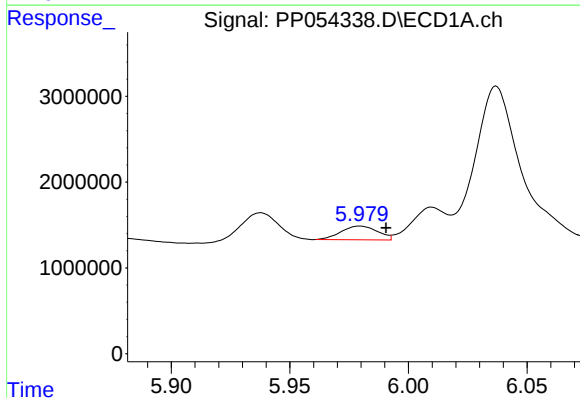
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: -1102176
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



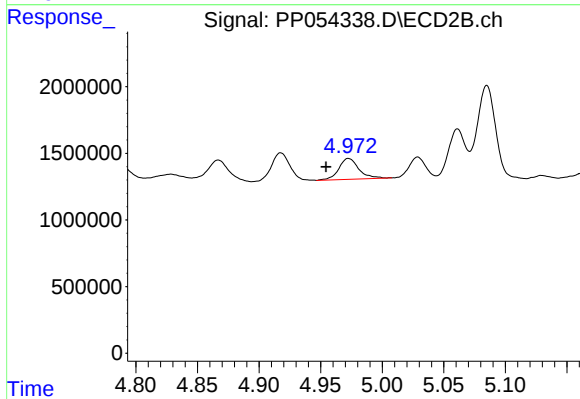
#22 AR-1248-2

R.T.: 4.918 min
Delta R.T.: 0.005 min
Response: 2205959
Conc: 44.67 ng/ml



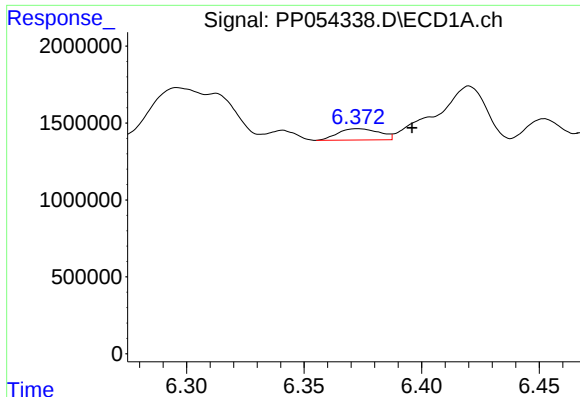
#23 AR-1248-3

R.T.: 5.980 min
Delta R.T.: -0.011 min
Response: 1721492
Conc: 29.04 ng/ml



#23 AR-1248-3

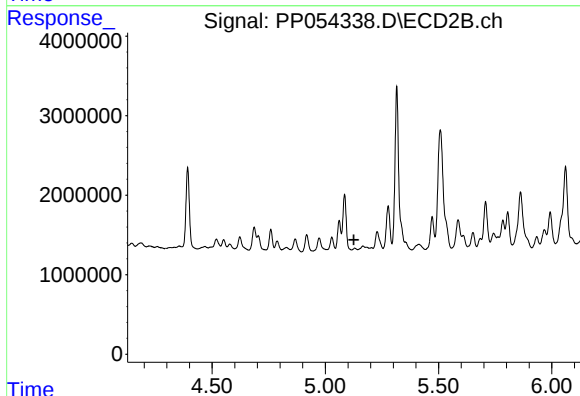
R.T.: 4.973 min
Delta R.T.: 0.018 min
Response: 1760661
Conc: 34.12 ng/ml



#24 AR-1248-4

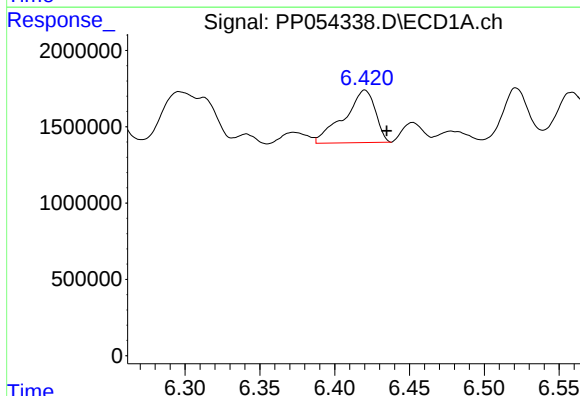
R.T.: 6.373 min
Delta R.T.: -0.023 min
Response: 898778
Conc: 15.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



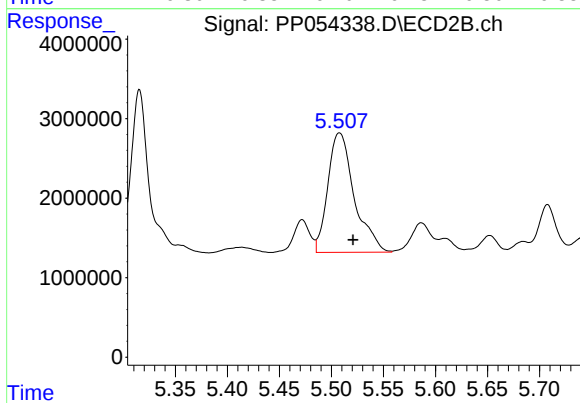
#24 AR-1248-4

R.T.: 5.129 min
Delta R.T.: 0.003 min
Response: -3290634
Conc: N.D.



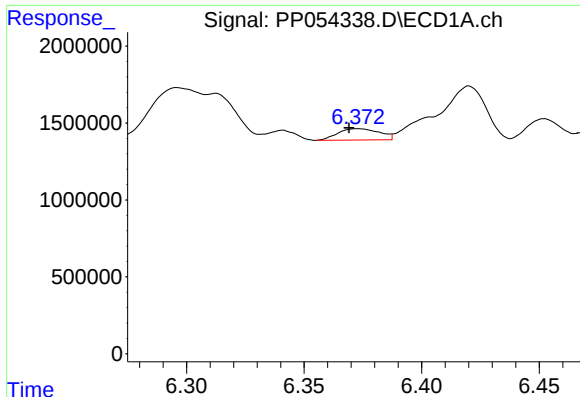
#25 AR-1248-5

R.T.: 6.420 min
Delta R.T.: -0.015 min
Response: 4989489
Conc: 89.92 ng/ml



#25 AR-1248-5

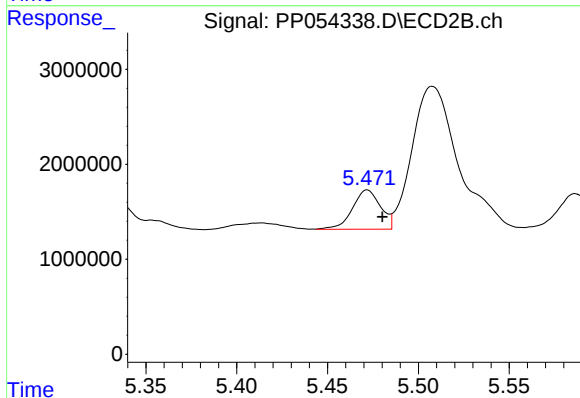
R.T.: 5.508 min
Delta R.T.: -0.013 min
Response: 26594331
Conc: 536.23 ng/ml



#26 AR-1254-1

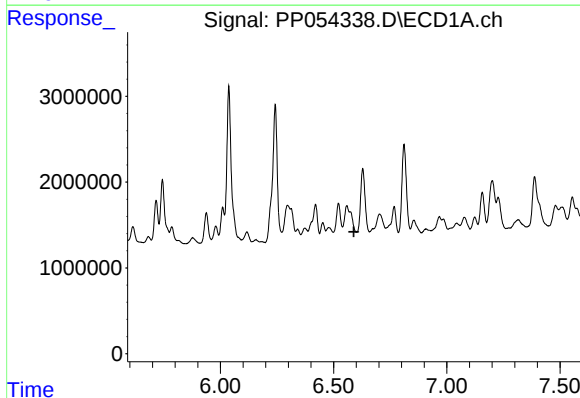
R.T.: 6.373 min
Delta R.T.: 0.004 min
Response: 898778
Conc: 14.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



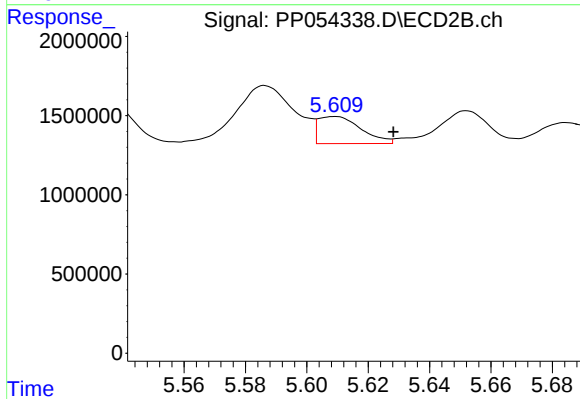
#26 AR-1254-1

R.T.: 5.472 min
Delta R.T.: -0.008 min
Response: 4464778
Conc: 52.06 ng/ml



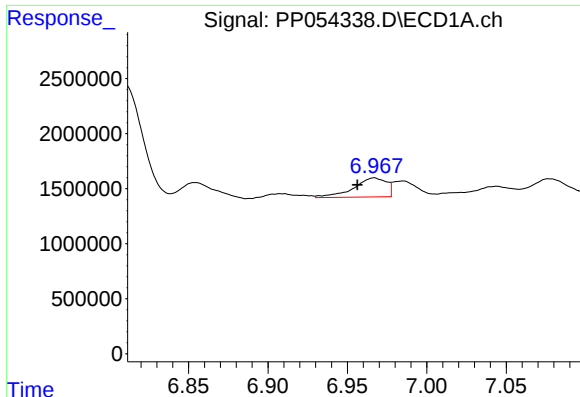
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.589 min
Response: 0
Conc: N.D.



#27 AR-1254-2

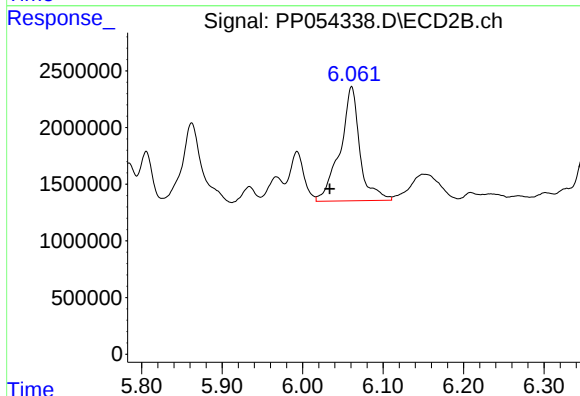
R.T.: 5.609 min
Delta R.T.: -0.019 min
Response: 1660224
Conc: 22.35 ng/ml



#28 AR-1254-3

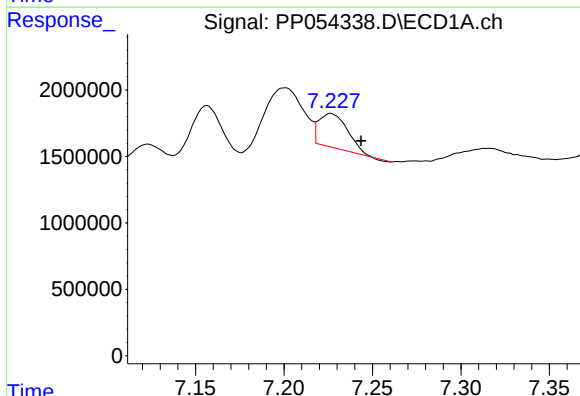
R.T.: 6.967 min
Delta R.T.: 0.011 min
Response: 2507978
Conc: 26.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



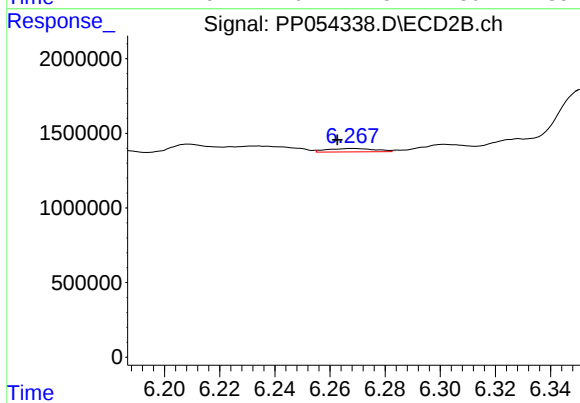
#28 AR-1254-3

R.T.: 6.061 min
Delta R.T.: 0.027 min
Response: 17191004
Conc: 148.11 ng/ml



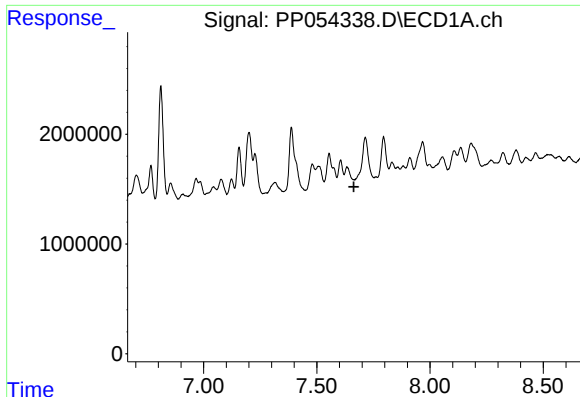
#29 AR-1254-4

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 2849383
Conc: 42.00 ng/ml



#29 AR-1254-4

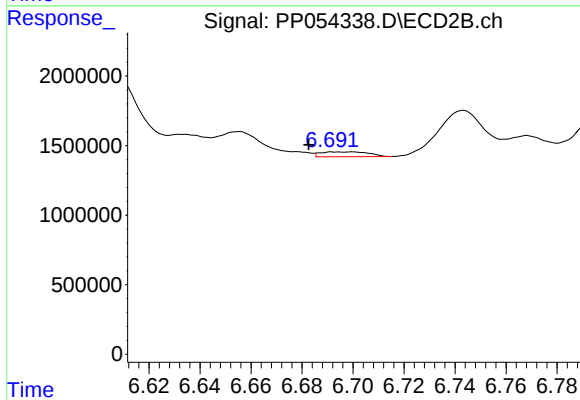
R.T.: 6.268 min
Delta R.T.: 0.005 min
Response: 273205
Conc: 4.34 ng/ml



#30 AR-1254-5

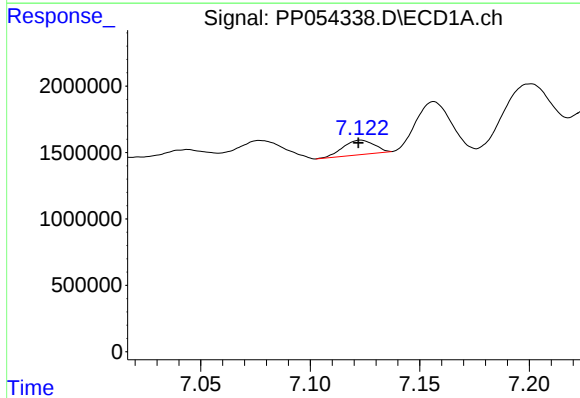
R.T.: 0.000 min
Exp R.T.: 7.664 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



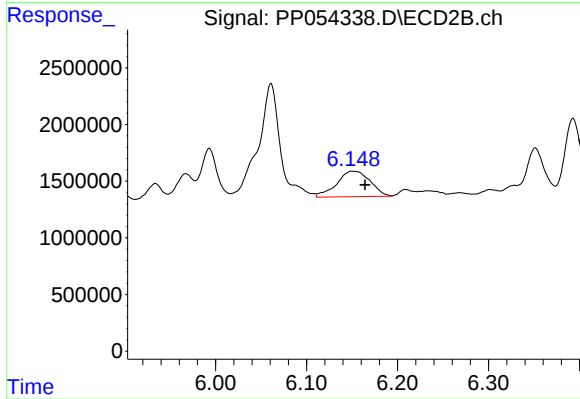
#30 AR-1254-5

R.T.: 6.700 min
Delta R.T.: 0.017 min
Response: 454638
Conc: 4.75 ng/ml



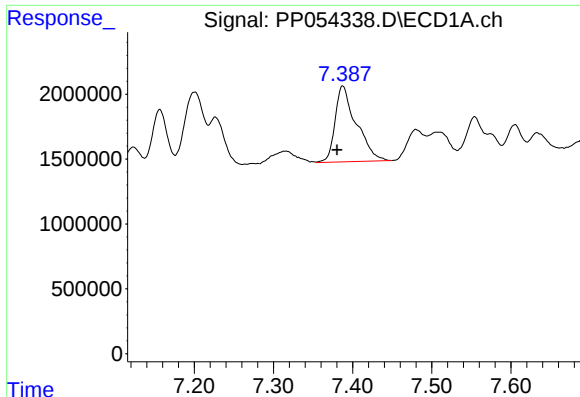
#31 AR-1260-1

R.T.: 7.123 min
Delta R.T.: 0.001 min
Response: 1081415
Conc: 13.87 ng/ml



#31 AR-1260-1

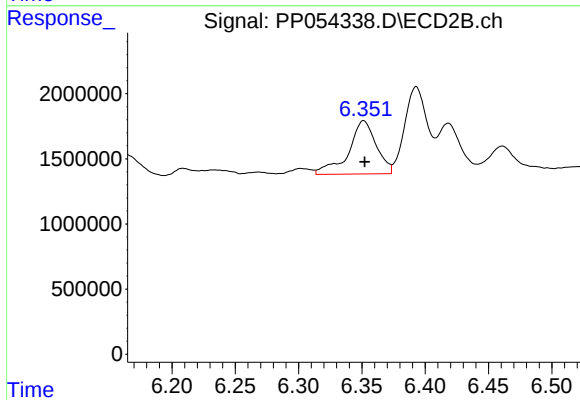
R.T.: 6.150 min
Delta R.T.: -0.014 min
Response: 5733247
Conc: 67.68 ng/ml



#32 AR-1260-2

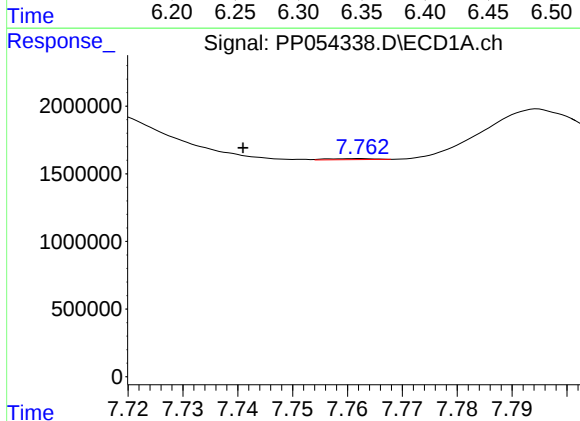
R.T.: 7.388 min
Delta R.T.: 0.007 min
Response: 10867397
Conc: 121.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



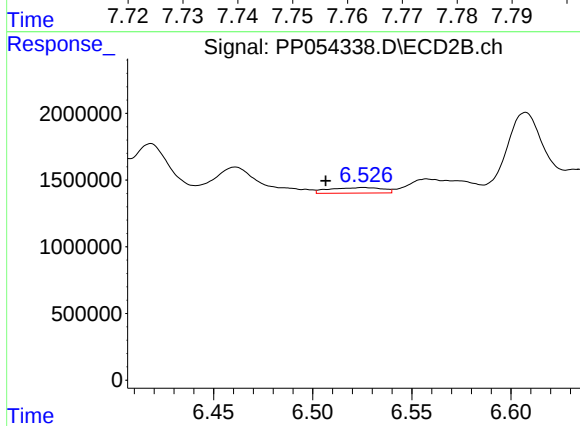
#32 AR-1260-2

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 6245592
Conc: 65.30 ng/ml



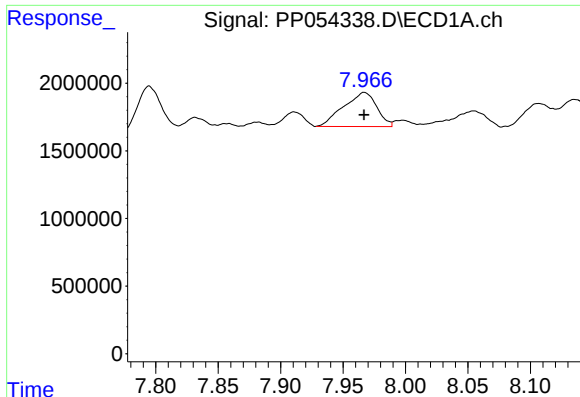
#33 AR-1260-3

R.T.: 7.762 min
Delta R.T.: 0.021 min
Response: 46819
Conc: 0.69 ng/ml



#33 AR-1260-3

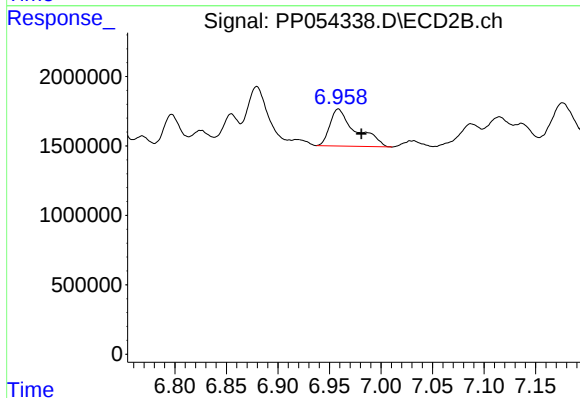
R.T.: 6.526 min
Delta R.T.: 0.019 min
Response: 788937
Conc: 8.63 ng/ml



#34 AR-1260-4

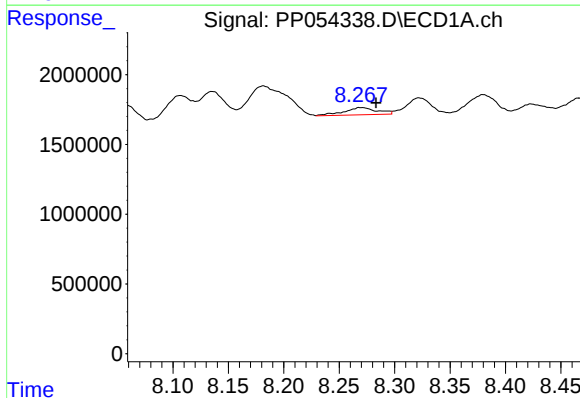
R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 4678568
Conc: 58.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



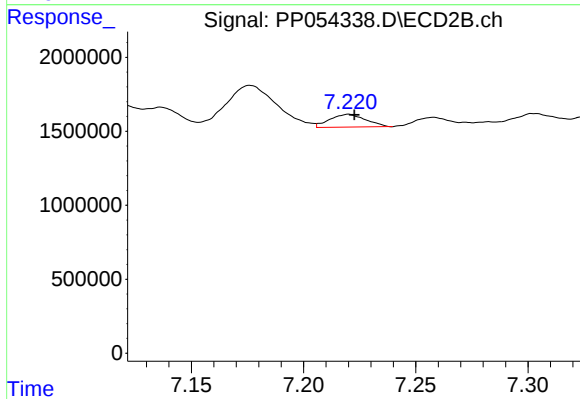
#34 AR-1260-4

R.T.: 6.959 min
Delta R.T.: -0.022 min
Response: 4628565
Conc: 61.06 ng/ml



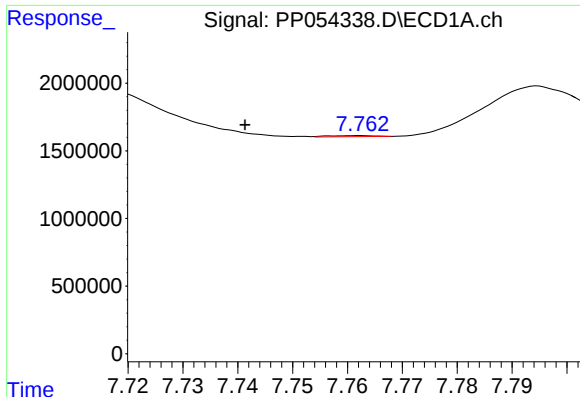
#35 AR-1260-5

R.T.: 8.269 min
Delta R.T.: -0.014 min
Response: 1095615
Conc: 7.64 ng/ml



#35 AR-1260-5

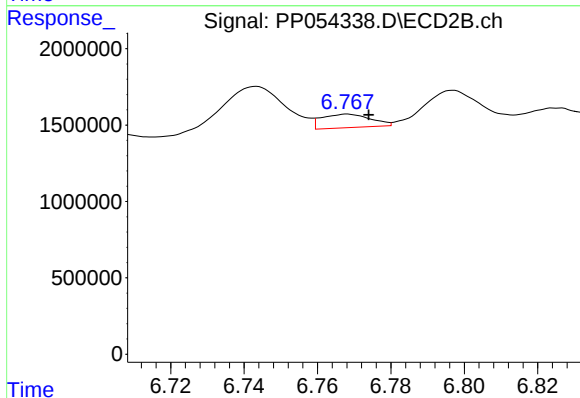
R.T.: 7.220 min
Delta R.T.: -0.003 min
Response: 969215
Conc: 6.12 ng/ml



#36 AR-1262-1

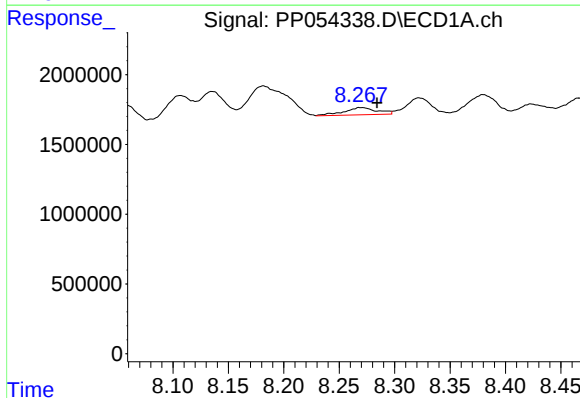
R.T.: 7.762 min
Delta R.T.: 0.021 min
Response: 46819
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



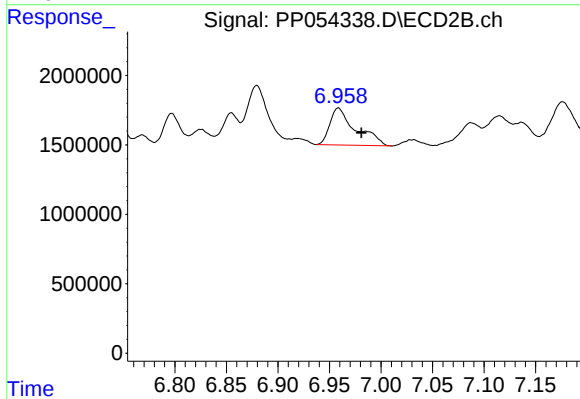
#36 AR-1262-1

R.T.: 6.768 min
Delta R.T.: -0.006 min
Response: 814675
Conc: 19.95 ng/ml



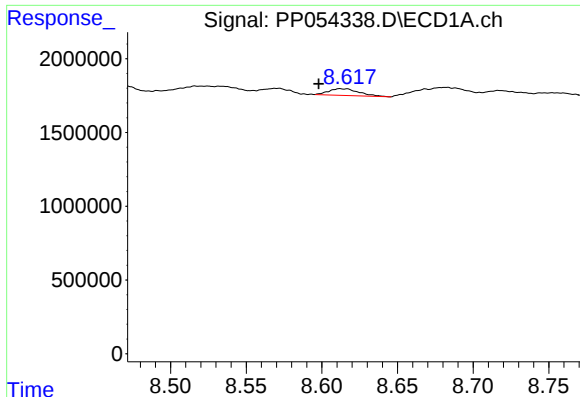
#37 AR-1262-2

R.T.: 8.269 min
Delta R.T.: -0.015 min
Response: 1095615
Conc: 7.74 ng/ml



#37 AR-1262-2

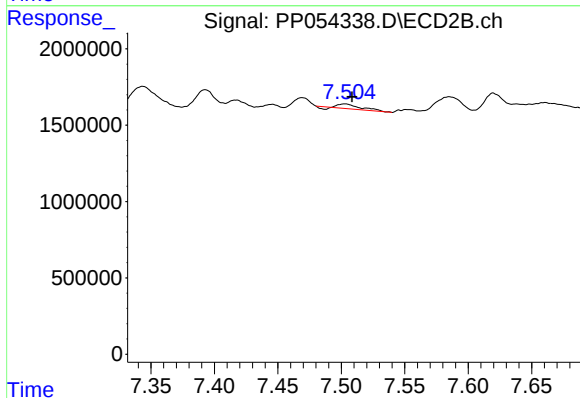
R.T.: 6.959 min
Delta R.T.: -0.022 min
Response: 4628565
Conc: 53.46 ng/ml



#38 AR-1262-3

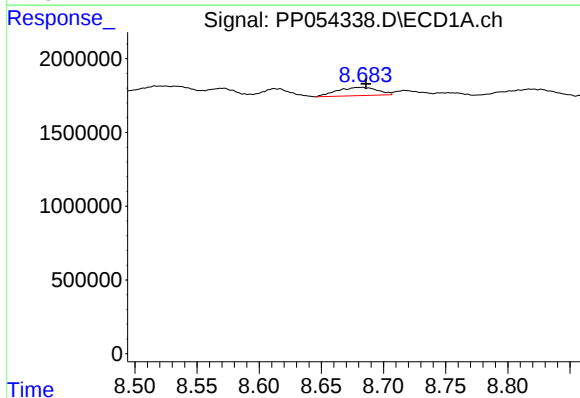
R.T.: 8.612 min
Delta R.T.: 0.014 min
Response: 628632
Conc: 6.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



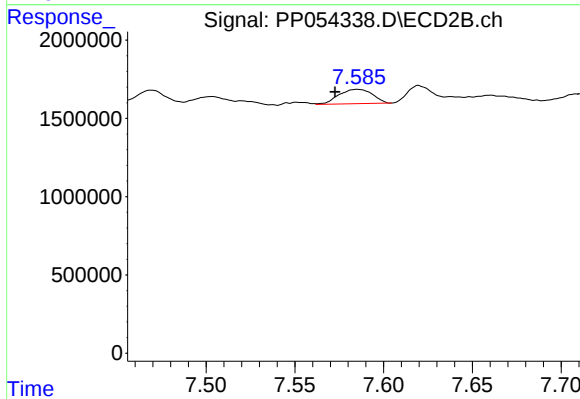
#38 AR-1262-3

R.T.: 7.503 min
Delta R.T.: -0.005 min
Response: 321519
Conc: 4.82 ng/ml



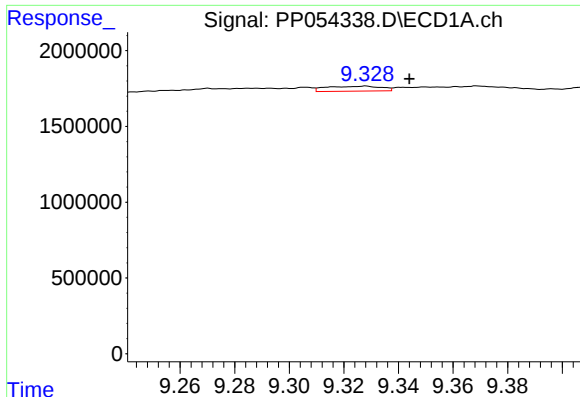
#39 AR-1262-4

R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 1276243
Conc: 25.21 ng/ml



#39 AR-1262-4

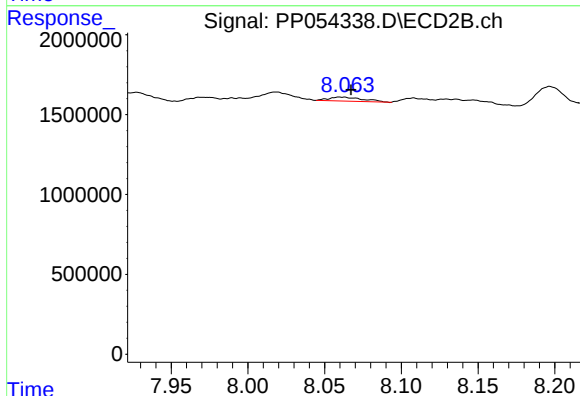
R.T.: 7.585 min
Delta R.T.: 0.012 min
Response: 1216671
Conc: 10.40 ng/ml



#40 AR-1262-5

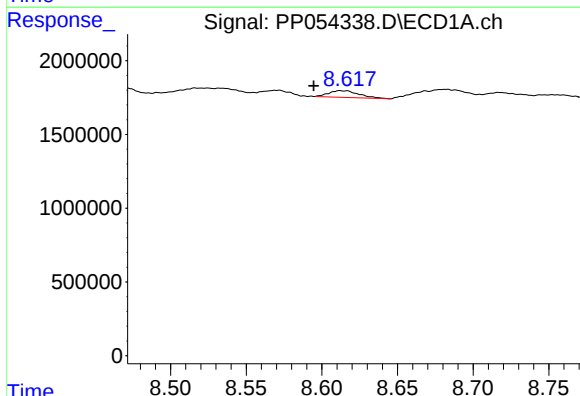
R.T.: 9.328 min
Delta R.T.: -0.016 min
Response: 457343
Conc: 8.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



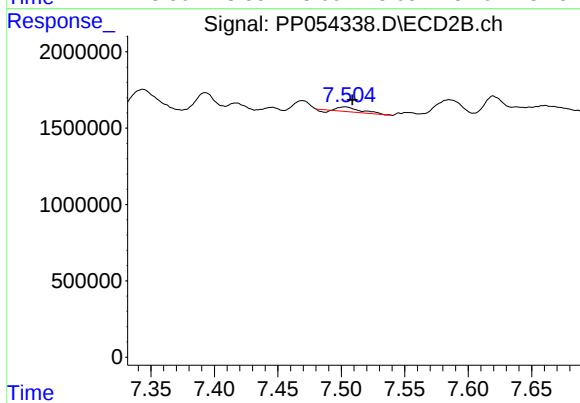
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 385574
Conc: 7.00 ng/ml



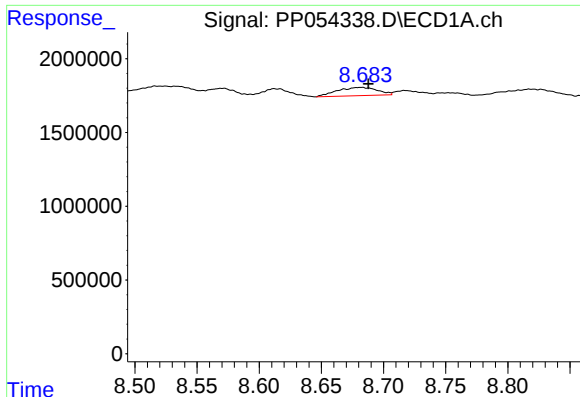
#41 AR-1268-1

R.T.: 8.612 min
Delta R.T.: 0.018 min
Response: 628632
Conc: 3.22 ng/ml



#41 AR-1268-1

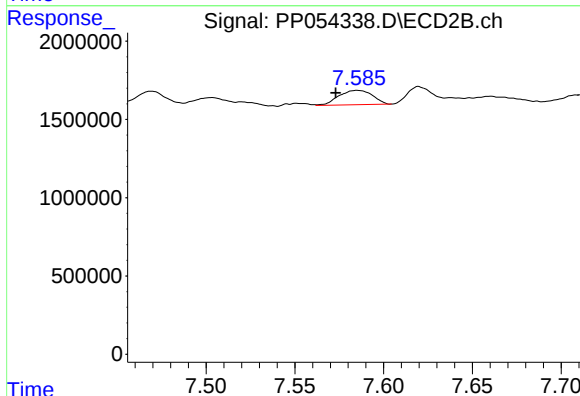
R.T.: 7.503 min
Delta R.T.: -0.005 min
Response: 321519
Conc: 1.58 ng/ml



#42 AR-1268-2

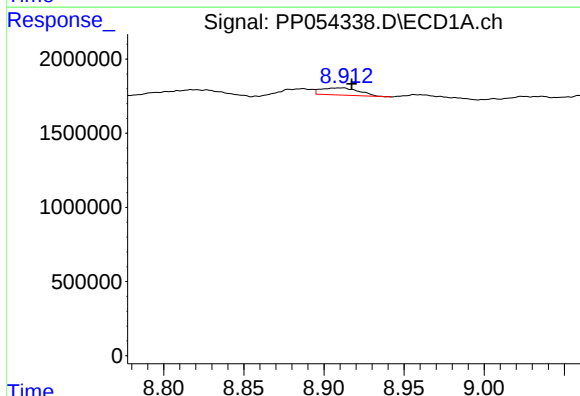
R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 1276243
Conc: 7.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



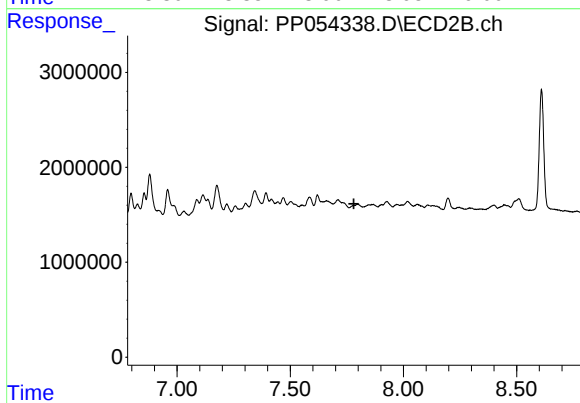
#42 AR-1268-2

R.T.: 7.585 min
Delta R.T.: 0.012 min
Response: 1216671
Conc: 6.60 ng/ml



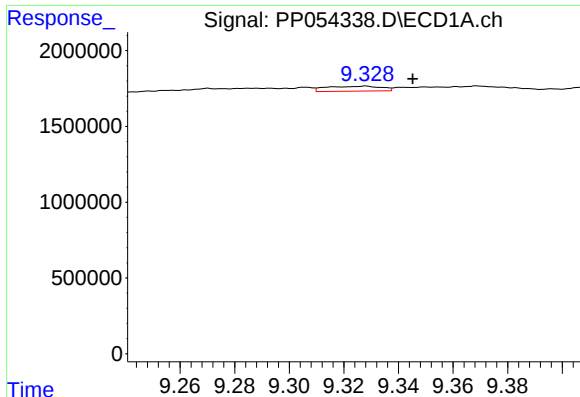
#43 AR-1268-3

R.T.: 8.911 min
Delta R.T.: -0.006 min
Response: 788036
Conc: 5.08 ng/ml



#43 AR-1268-3

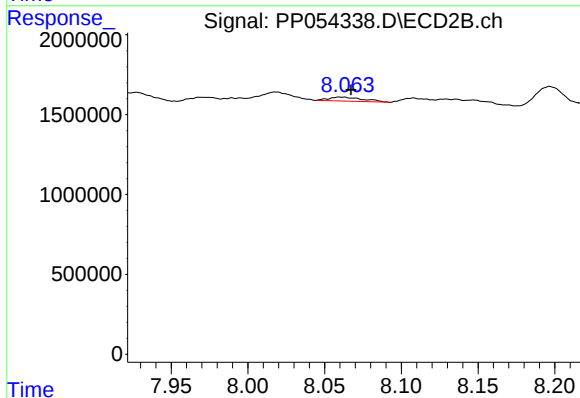
R.T.: 7.797 min
Delta R.T.: 0.016 min
Response: -115424
Conc: N.D.



#44 AR-1268-4

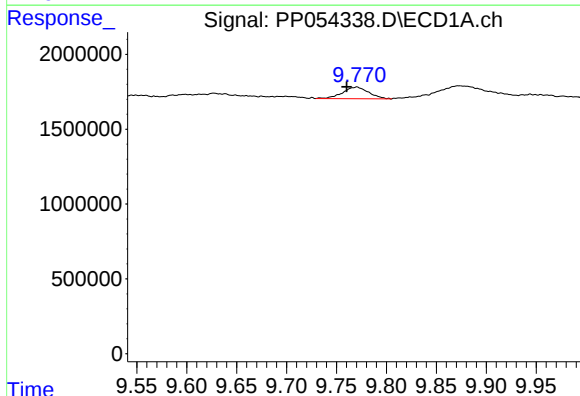
R.T.: 9.328 min
Delta R.T.: -0.017 min
Response: 457343
Conc: 6.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



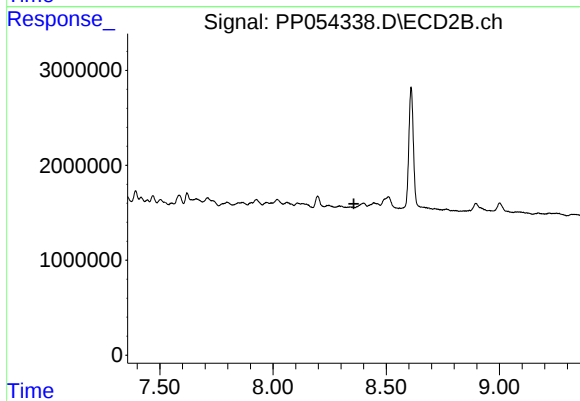
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 385574
Conc: 6.10 ng/ml



#45 AR-1268-5

R.T.: 9.770 min
Delta R.T.: 0.010 min
Response: 1413217
Conc: 2.77 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.357 min
Response: 0
Conc: N.D.