

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020823\
 Data File : PP055462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2023 17:43
 Operator : YP\AJ
 Sample : 01472-03
 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: Feb 08 22:05:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.340	3.593	21497909	20290312	12.364	13.516
2)	SA Decachlor...	10.076	8.582	36099198	26864582	20.846	19.891
Target Compounds							
3)	L1 AR-1016-1	5.510	4.690f	281867	96155803	4.194	1942.779 #
4)	L1 AR-1016-2	5.510f	4.690	281867	96155803	2.941	1389.151 #
5)	L1 AR-1016-3	5.589	4.869	7921011	34302785	132.422	922.202 #
6)	L1 AR-1016-4	5.687	4.920f	18586948	49331291	387.890	1569.947 #
7)	L1 AR-1016-5	5.984	5.134f	24311540	-28158	479.762	N.D. #
8)	L2 AR-1221-1	4.554	3.793	1371024	390668	58.304	19.704 #
9)	L2 AR-1221-2	4.645f	3.891	1766366	687227	99.418	46.364 #
10)	L2 AR-1221-3	4.710	3.962	537848	282689	9.995	6.266 #
11)	L3 AR-1232-1	4.710	3.962	537848	282689	12.118	7.669 #
12)	L3 AR-1232-2	5.234	4.690	1729616	96155803	76.482	3010.275 #
13)	L3 AR-1232-3	5.510f	4.869	281867	34302785	6.418	2057.635 #
14)	L3 AR-1232-4	5.687	4.920f	18586948	49331291	839.738	3059.091 #
15)	L3 AR-1232-5	5.771	5.134f	35997266	-28158	2056.160	N.D. #
16)	L4 AR-1242-1	5.510	4.690f	281867	96155803	5.034	2347.426 #
17)	L4 AR-1242-2	5.510f	4.690	281867	96155803	3.531	1683.959 #
18)	L4 AR-1242-3	5.589	4.869	7921011	34302785	159.500	1111.288 #
19)	L4 AR-1242-4	5.687	4.920f	18586948	49331291	463.783	1518.489 #
20)	L4 AR-1242-5	6.452f	5.459	12737968	7204212	286.482	192.772 #
21)	L5 AR-1248-1	5.510	4.690f	281867	96155803	6.759	3101.486 #
22)	L5 AR-1248-2	5.771	4.920f	35997266	49331291	566.224	1078.811 #
23)	L5 AR-1248-3	5.984	4.920f	24311540	49331291	351.536	1034.779 #
24)	L5 AR-1248-4	6.387	5.134f	28836515	-28158	380.258	N.D. #
25)	L5 AR-1248-5	6.452f	5.518	12737968	86894889	172.617	1767.202 #
26)	L6 AR-1254-1	6.342f	5.459	1677759	7204212	21.266	89.207 #
27)	L6 AR-1254-2	0.000	5.608	0	7373505	N.D.	103.036 #
28)	L6 AR-1254-3	6.943	0.000	10546934	0	86.104	N.D. #
29)	L6 AR-1254-4	7.227	6.241	17680499	10496328	200.659	170.651
30)	L6 AR-1254-5	7.631f	6.673	7353475	263734	72.691	2.782 #
31)	L7 AR-1260-1	7.123	6.153	3366779	15945710	35.318	205.633 #
32)	L7 AR-1260-2	7.388	6.345	36702824	14030737	326.113	156.074 #
33)	L7 AR-1260-3	7.712f	6.480f	14063882	223388	174.666	2.631 #
34)	L7 AR-1260-4	7.968	6.984	50756642	1576269	522.850	22.014 #
35)	L7 AR-1260-5	8.262f	7.214	6917954	1992489	38.898	12.960 #
36)	L8 AR-1262-1	7.712f	6.759	14063882	2781350	119.203	64.741 #
37)	L8 AR-1262-2	8.262f	6.984f	6917954	1576269	34.347	17.018 #
38)	L8 AR-1262-3	8.561f	7.508	1739072	2022471	12.505	27.758 #
39)	L8 AR-1262-4	8.673	7.559	13743087	23312679	178.757	178.260
40)	L8 AR-1262-5	9.358f	0.000	367959	0	5.145	N.D. #
41)	L9 AR-1268-1	8.561f	7.508	1739072	2022471	7.115	9.354 #

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 ALS Vial : 22 Sample Multiplier: 1

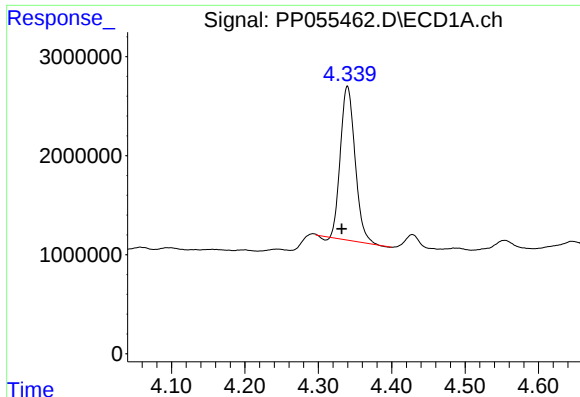
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 22:05:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.673	7.559	13743087	23312679	60.509	119.470 #
43) L9	AR-1268-3	0.000	7.777	0	8852247	N.D.	51.537 #
44) L9	AR-1268-4	9.358f	0.000	367959	0	4.685	N.D. #
45) L9	AR-1268-5	0.000	8.333	0	1547002	N.D.	2.938 #

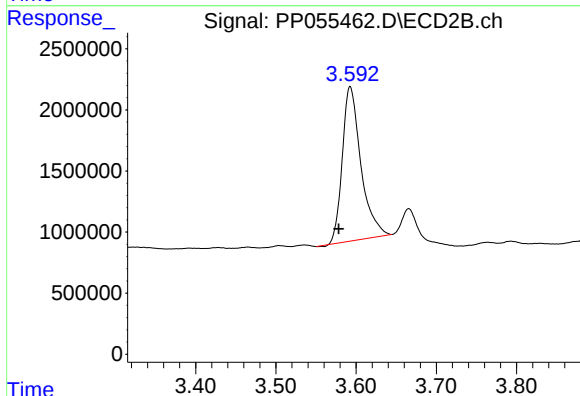
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

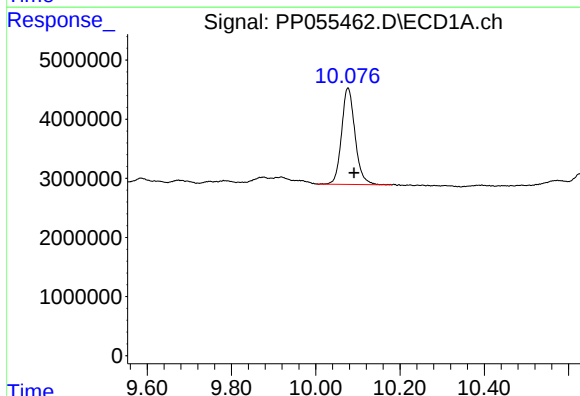
R.T.: 4.340 min
Delta R.T.: 0.008 min
Response: 21497909
Conc: 12.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



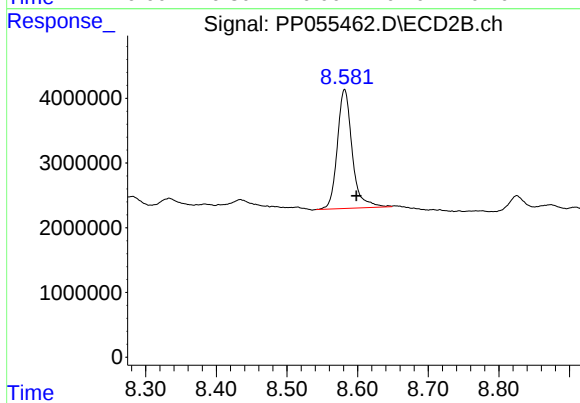
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.014 min
Response: 20290312
Conc: 13.52 ng/ml



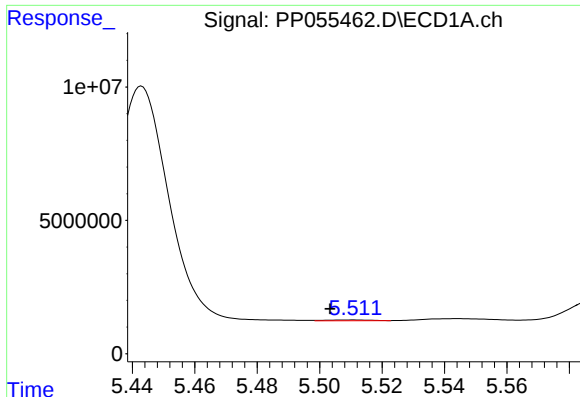
#2 Decachlorobiphenyl

R.T.: 10.076 min
Delta R.T.: -0.014 min
Response: 36099198
Conc: 20.85 ng/ml



#2 Decachlorobiphenyl

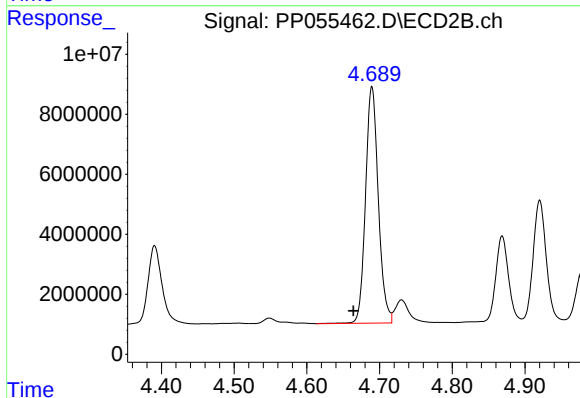
R.T.: 8.582 min
Delta R.T.: -0.017 min
Response: 26864582
Conc: 19.89 ng/ml



#3 AR-1016-1

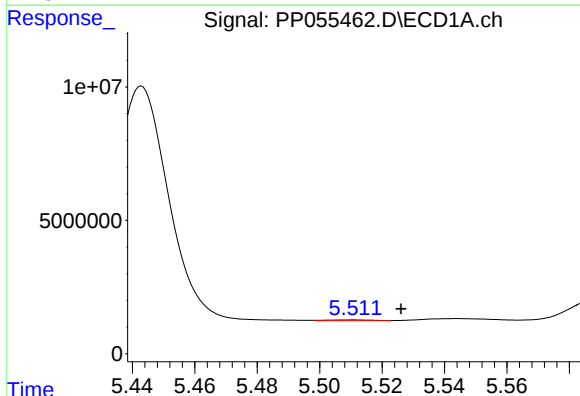
R.T.: 5.510 min
Delta R.T.: 0.007 min
Response: 281867
Conc: 4.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



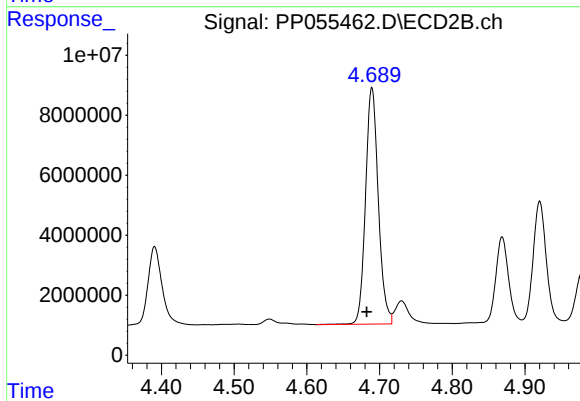
#3 AR-1016-1

R.T.: 4.690 min
Delta R.T.: 0.026 min
Response: 96155803
Conc: 1942.78 ng/ml



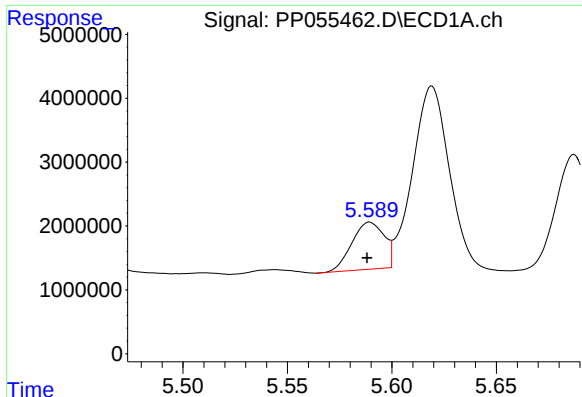
#4 AR-1016-2

R.T.: 5.510 min
Delta R.T.: -0.016 min
Response: 281867
Conc: 2.94 ng/ml



#4 AR-1016-2

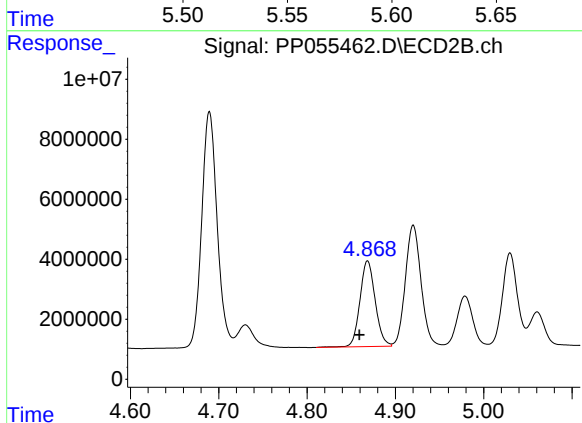
R.T.: 4.690 min
Delta R.T.: 0.007 min
Response: 96155803
Conc: 1389.15 ng/ml



#5 AR-1016-3

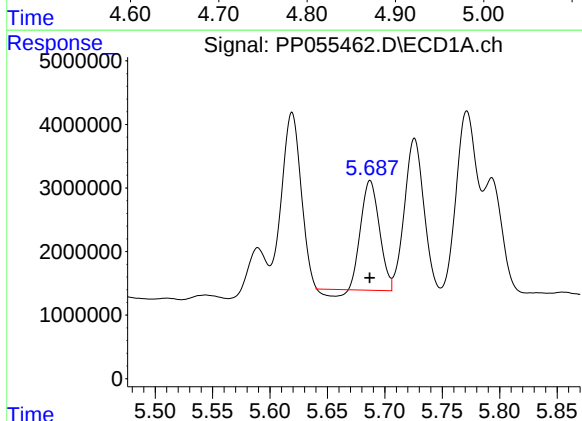
R.T.: 5.589 min
Delta R.T.: 0.001 min
Response: 7921011
Conc: 132.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



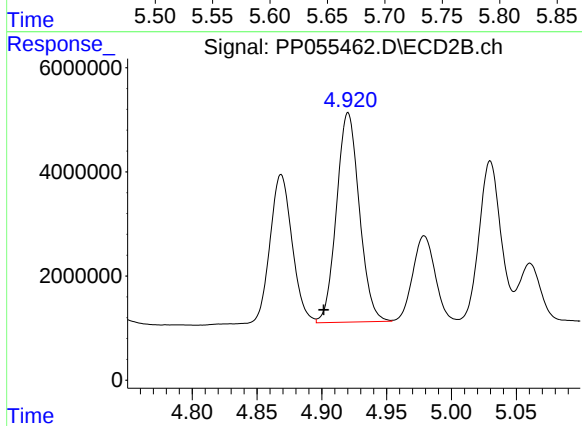
#5 AR-1016-3

R.T.: 4.869 min
Delta R.T.: 0.009 min
Response: 34302785
Conc: 922.20 ng/ml



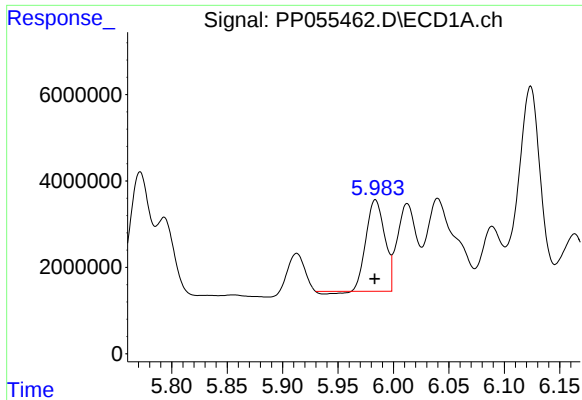
#6 AR-1016-4

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 18586948
Conc: 387.89 ng/ml



#6 AR-1016-4

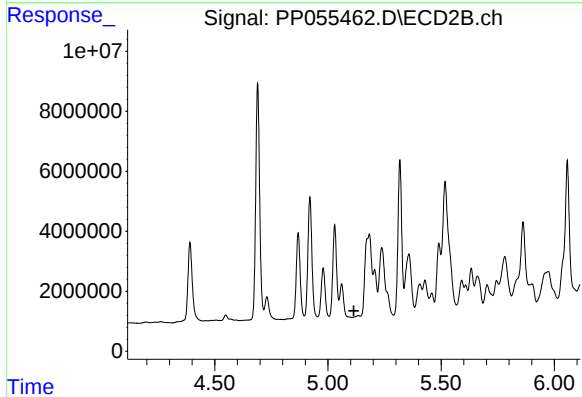
R.T.: 4.920 min
Delta R.T.: 0.019 min
Response: 49331291
Conc: 1569.95 ng/ml



#7 AR-1016-5

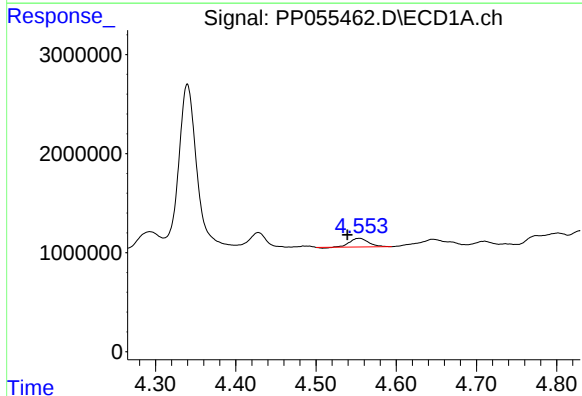
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 24311540
Conc: 479.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



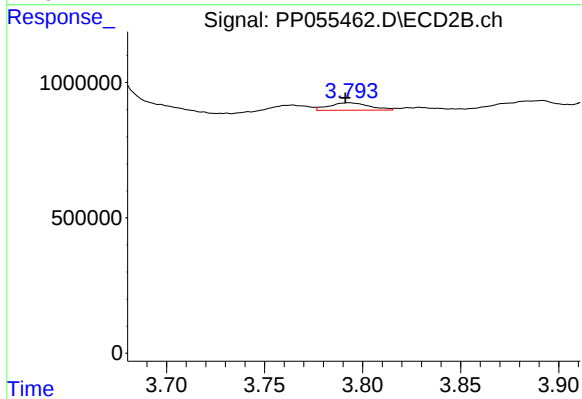
#7 AR-1016-5

R.T.: 5.134 min
Delta R.T.: 0.019 min
Response: -28158
Conc: N.D.



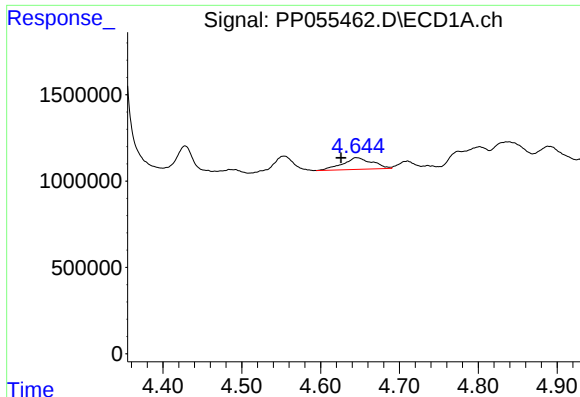
#8 AR-1221-1

R.T.: 4.554 min
Delta R.T.: 0.015 min
Response: 1371024
Conc: 58.30 ng/ml



#8 AR-1221-1

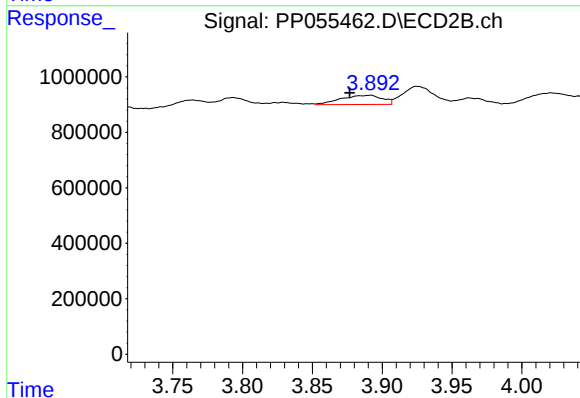
R.T.: 3.793 min
Delta R.T.: 0.002 min
Response: 390668
Conc: 19.70 ng/ml



#9 AR-1221-2

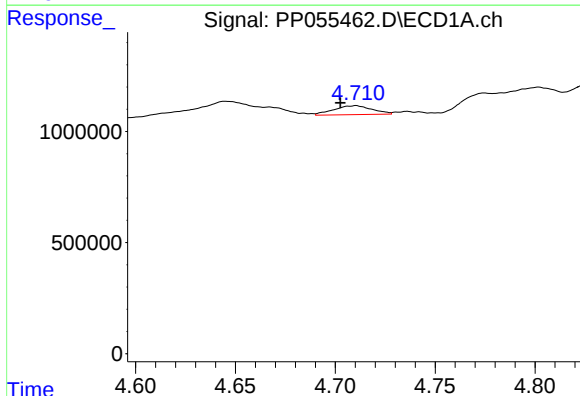
R.T.: 4.645 min
Delta R.T.: 0.019 min
Response: 1766366
Conc: 99.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



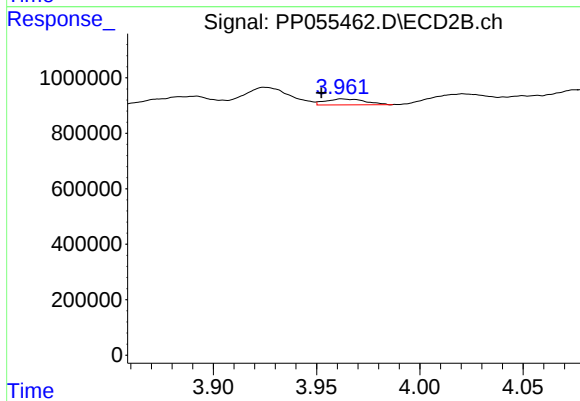
#9 AR-1221-2

R.T.: 3.891 min
Delta R.T.: 0.015 min
Response: 687227
Conc: 46.36 ng/ml



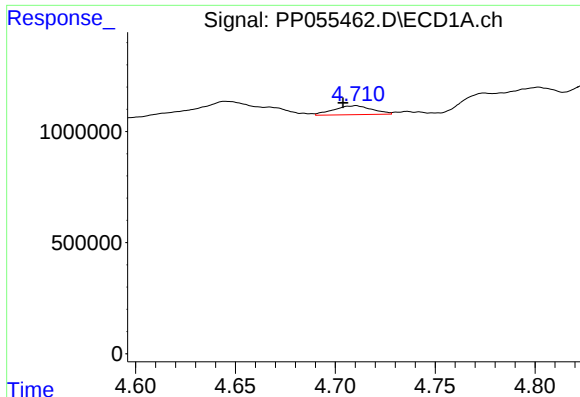
#10 AR-1221-3

R.T.: 4.710 min
Delta R.T.: 0.008 min
Response: 537848
Conc: 10.00 ng/ml



#10 AR-1221-3

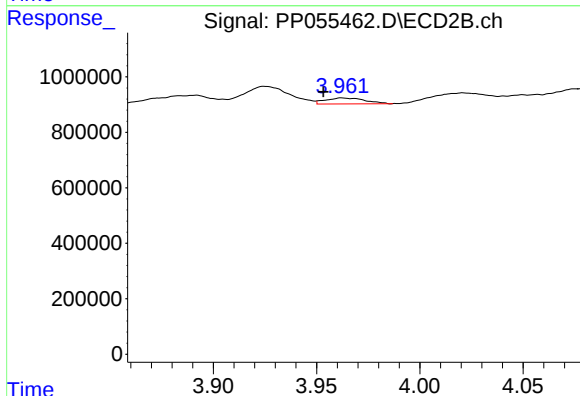
R.T.: 3.962 min
Delta R.T.: 0.010 min
Response: 282689
Conc: 6.27 ng/ml



#11 AR-1232-1

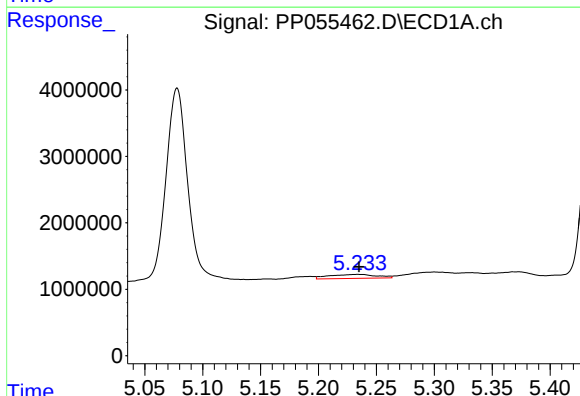
R.T.: 4.710 min
Delta R.T.: 0.006 min
Response: 537848
Conc: 12.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



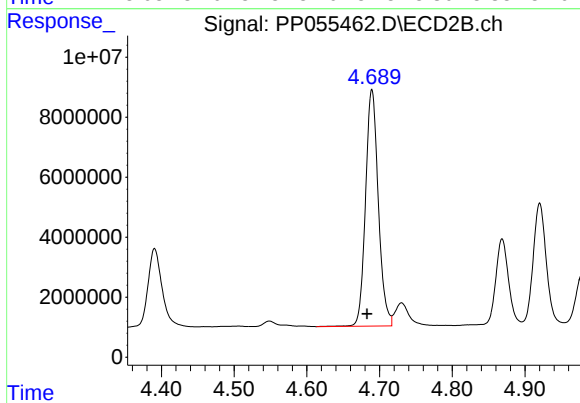
#11 AR-1232-1

R.T.: 3.962 min
Delta R.T.: 0.009 min
Response: 282689
Conc: 7.67 ng/ml



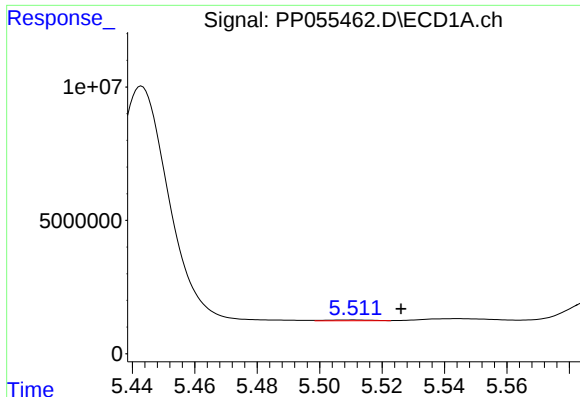
#12 AR-1232-2

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 1729616
Conc: 76.48 ng/ml



#12 AR-1232-2

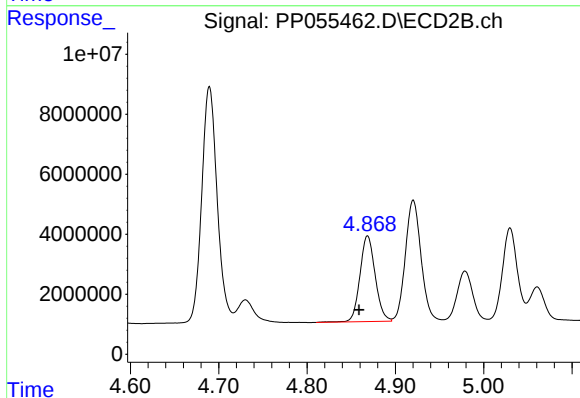
R.T.: 4.690 min
Delta R.T.: 0.007 min
Response: 96155803
Conc: 3010.28 ng/ml



#13 AR-1232-3

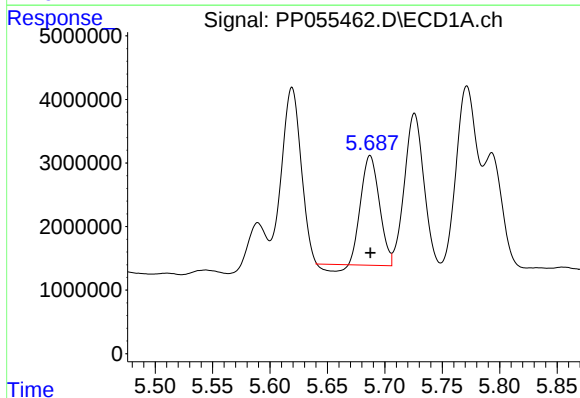
R.T.: 5.510 min
Delta R.T.: -0.016 min
Response: 281867
Conc: 6.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



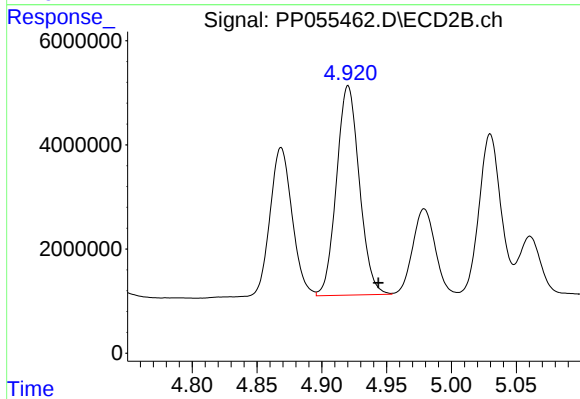
#13 AR-1232-3

R.T.: 4.869 min
Delta R.T.: 0.010 min
Response: 34302785
Conc: 2057.64 ng/ml



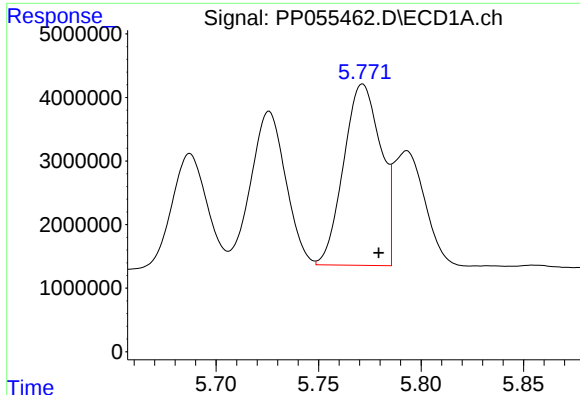
#14 AR-1232-4

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 18586948
Conc: 839.74 ng/ml



#14 AR-1232-4

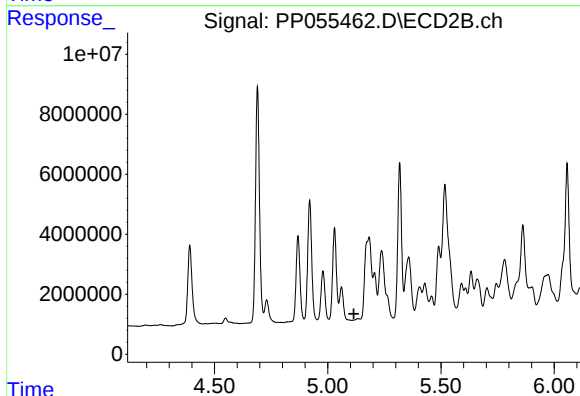
R.T.: 4.920 min
Delta R.T.: -0.023 min
Response: 49331291
Conc: 3059.09 ng/ml



#15 AR-1232-5

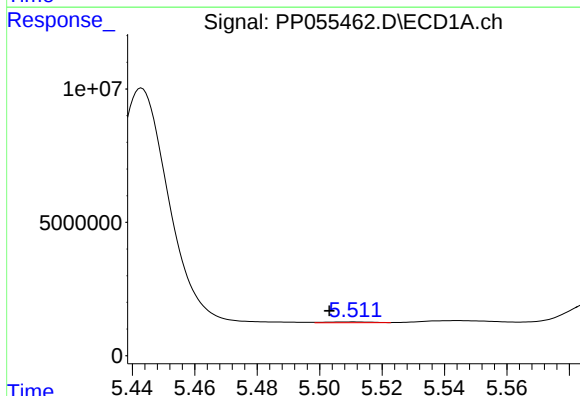
R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 35997266
Conc: 2056.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



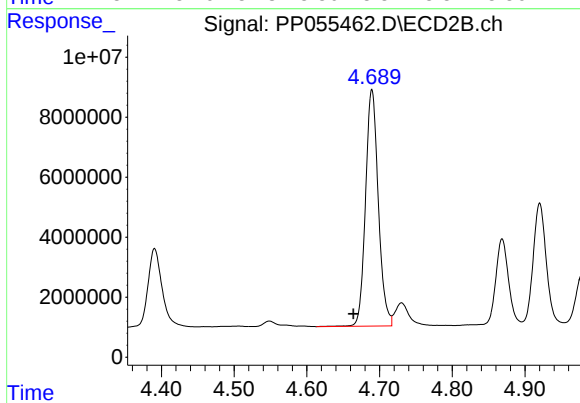
#15 AR-1232-5

R.T.: 5.134 min
Delta R.T.: 0.018 min
Response: -28158
Conc: N.D.



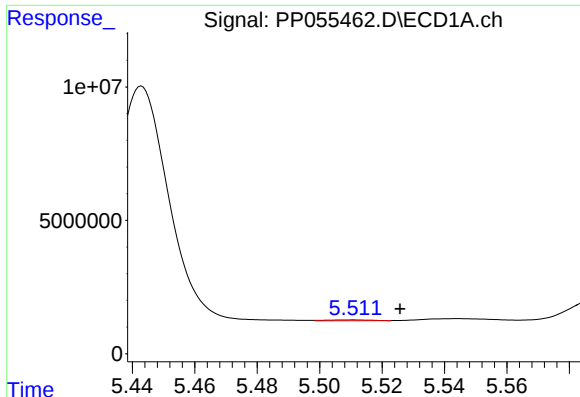
#16 AR-1242-1

R.T.: 5.510 min
Delta R.T.: 0.007 min
Response: 281867
Conc: 5.03 ng/ml



#16 AR-1242-1

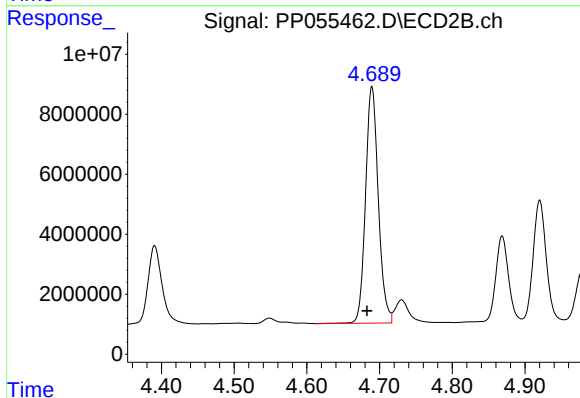
R.T.: 4.690 min
Delta R.T.: 0.025 min
Response: 96155803
Conc: 2347.43 ng/ml



#17 AR-1242-2

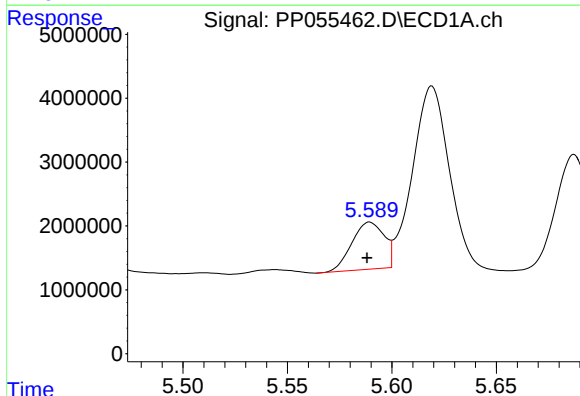
R.T.: 5.510 min
Delta R.T.: -0.016 min
Response: 281867
Conc: 3.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



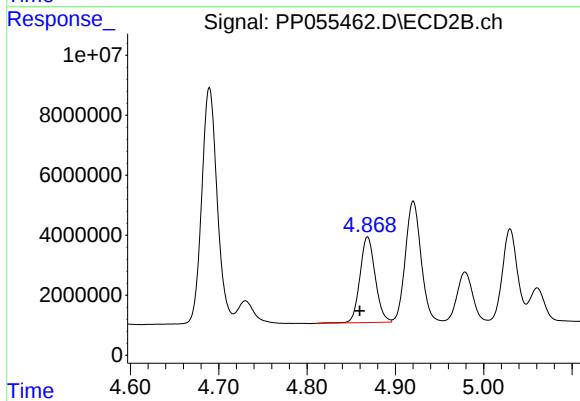
#17 AR-1242-2

R.T.: 4.690 min
Delta R.T.: 0.007 min
Response: 96155803
Conc: 1683.96 ng/ml



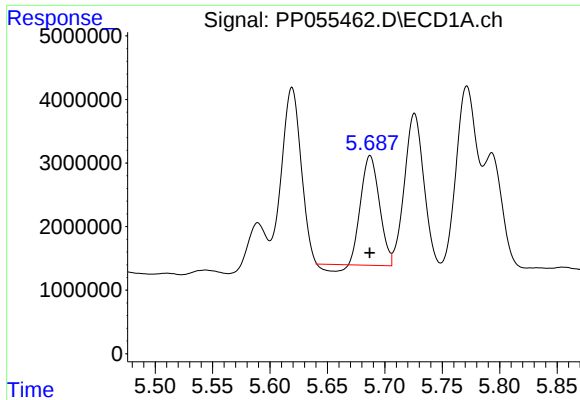
#18 AR-1242-3

R.T.: 5.589 min
Delta R.T.: 0.001 min
Response: 7921011
Conc: 159.50 ng/ml



#18 AR-1242-3

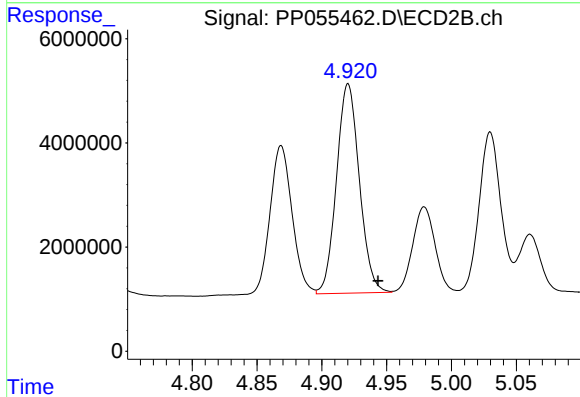
R.T.: 4.869 min
Delta R.T.: 0.009 min
Response: 34302785
Conc: 1111.29 ng/ml



#19 AR-1242-4

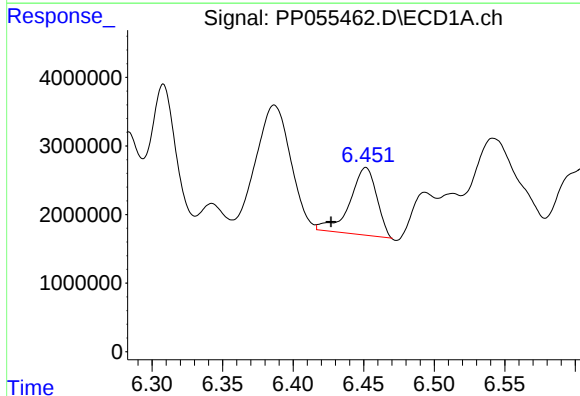
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 18586948
Conc: 463.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



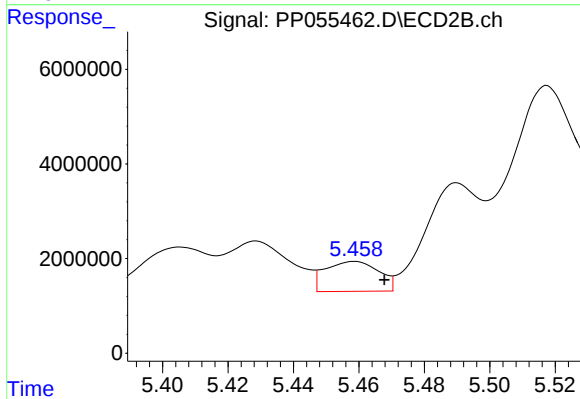
#19 AR-1242-4

R.T.: 4.920 min
Delta R.T.: -0.023 min
Response: 49331291
Conc: 1518.49 ng/ml



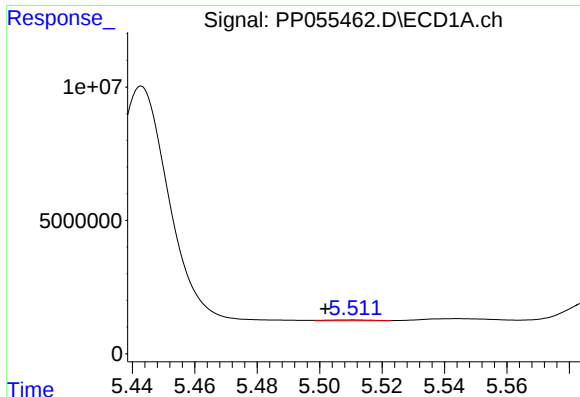
#20 AR-1242-5

R.T.: 6.452 min
Delta R.T.: 0.025 min
Response: 12737968
Conc: 286.48 ng/ml



#20 AR-1242-5

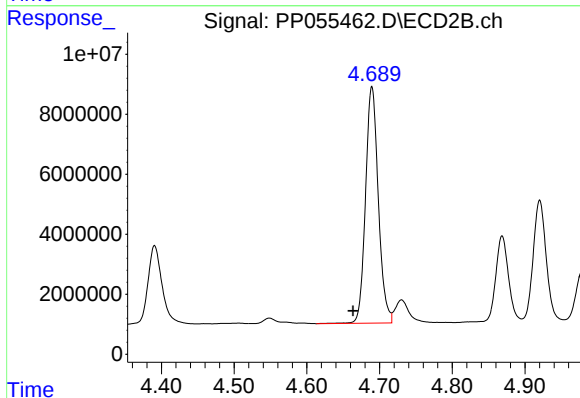
R.T.: 5.459 min
Delta R.T.: -0.009 min
Response: 7204212
Conc: 192.77 ng/ml



#21 AR-1248-1

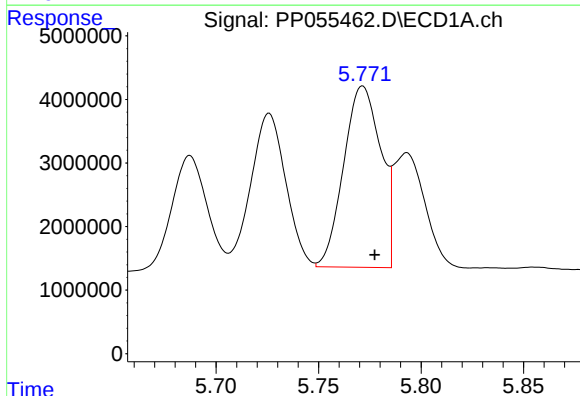
R.T.: 5.510 min
Delta R.T.: 0.008 min
Response: 281867
Conc: 6.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



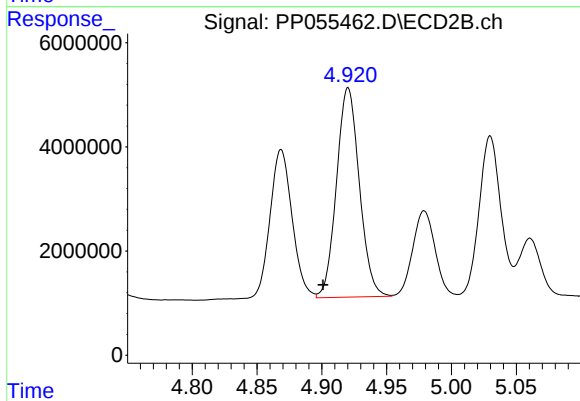
#21 AR-1248-1

R.T.: 4.690 min
Delta R.T.: 0.026 min
Response: 96155803
Conc: 3101.49 ng/ml



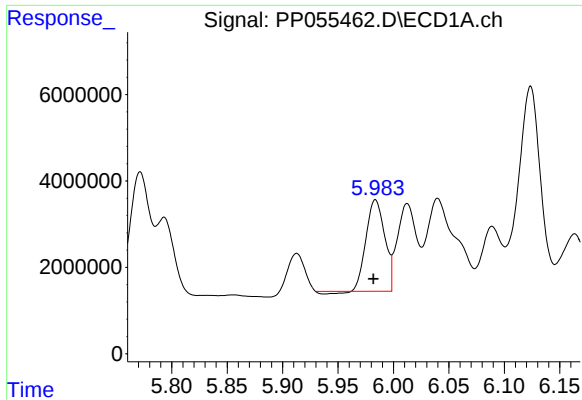
#22 AR-1248-2

R.T.: 5.771 min
Delta R.T.: -0.006 min
Response: 35997266
Conc: 566.22 ng/ml



#22 AR-1248-2

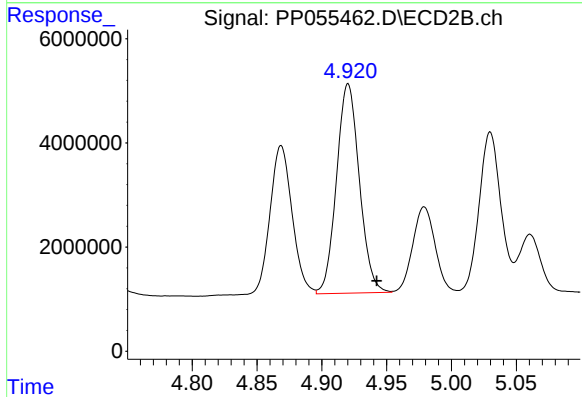
R.T.: 4.920 min
Delta R.T.: 0.019 min
Response: 49331291
Conc: 1078.81 ng/ml



#23 AR-1248-3

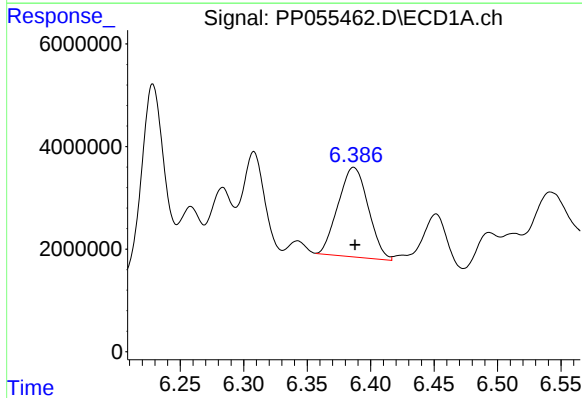
R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 24311540
Conc: 351.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



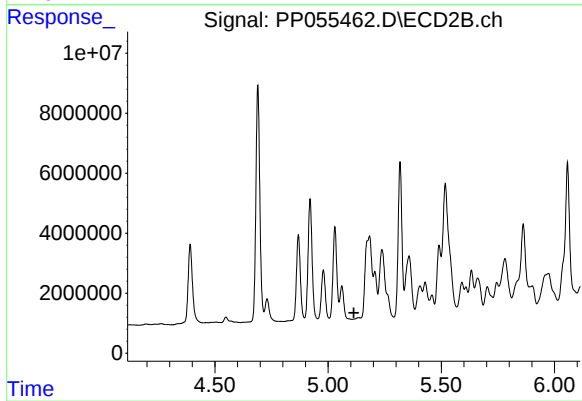
#23 AR-1248-3

R.T.: 4.920 min
Delta R.T.: -0.022 min
Response: 49331291
Conc: 1034.78 ng/ml



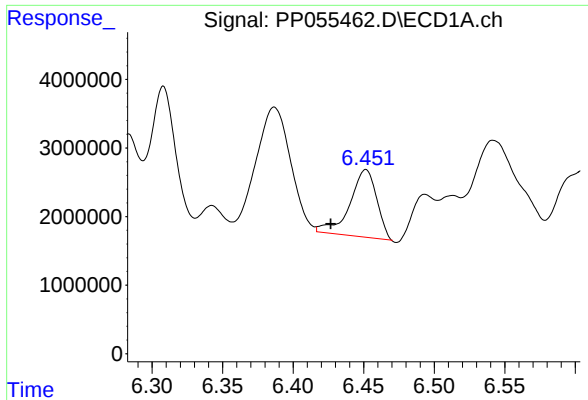
#24 AR-1248-4

R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 28836515
Conc: 380.26 ng/ml



#24 AR-1248-4

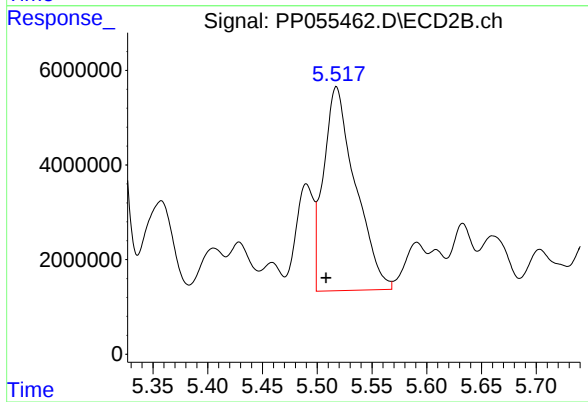
R.T.: 5.134 min
Delta R.T.: 0.020 min
Response: -28158
Conc: N.D.



#25 AR-1248-5

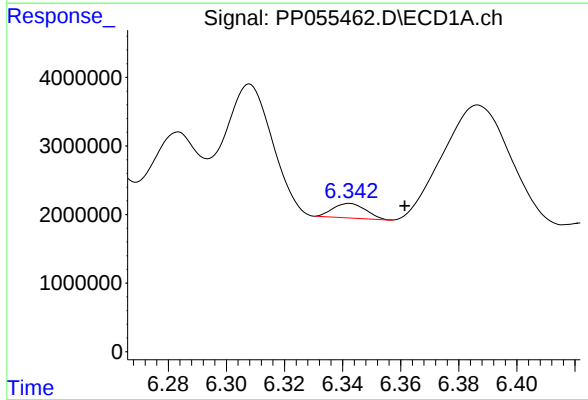
R.T.: 6.452 min
Delta R.T.: 0.025 min
Response: 12737968
Conc: 172.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



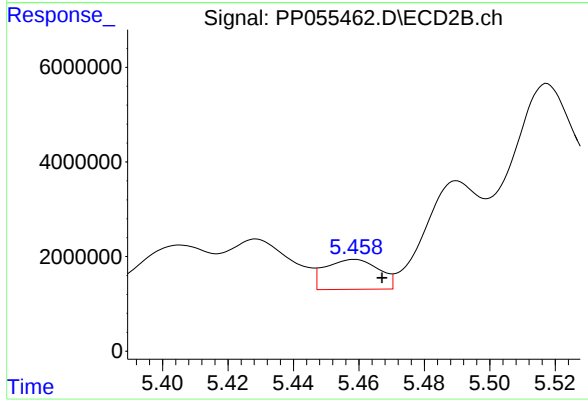
#25 AR-1248-5

R.T.: 5.518 min
Delta R.T.: 0.009 min
Response: 86894889
Conc: 1767.20 ng/ml



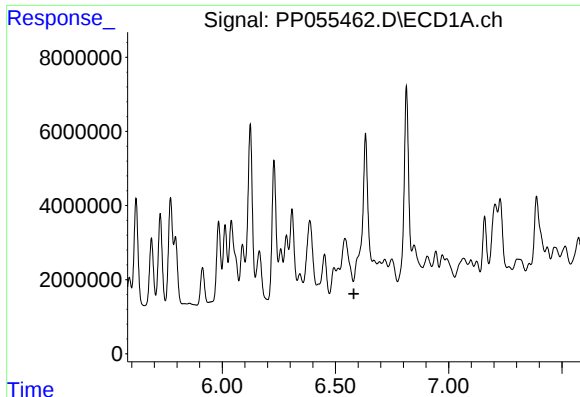
#26 AR-1254-1

R.T.: 6.342 min
Delta R.T.: -0.019 min
Response: 1677759
Conc: 21.27 ng/ml



#26 AR-1254-1

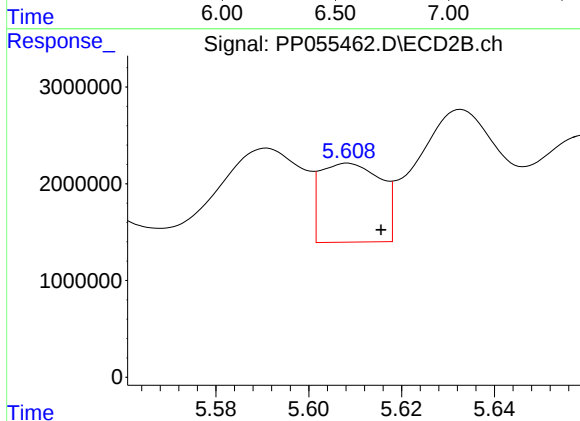
R.T.: 5.459 min
Delta R.T.: -0.008 min
Response: 7204212
Conc: 89.21 ng/ml



#27 AR-1254-2

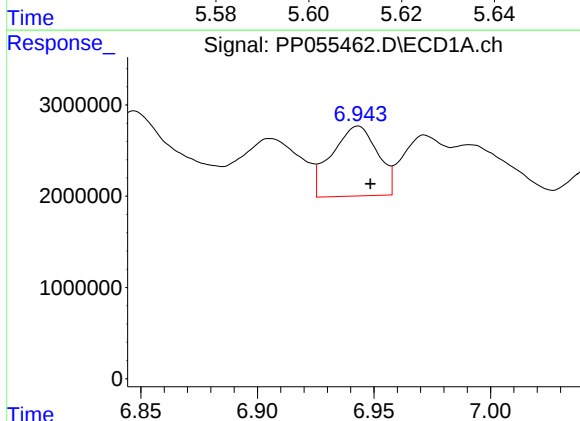
R.T.: 0.000 min
Exp R.T.: 6.581 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



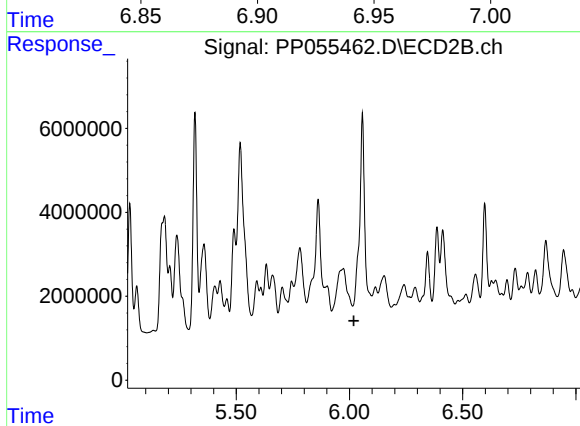
#27 AR-1254-2

R.T.: 5.608 min
Delta R.T.: -0.007 min
Response: 7373505
Conc: 103.04 ng/ml



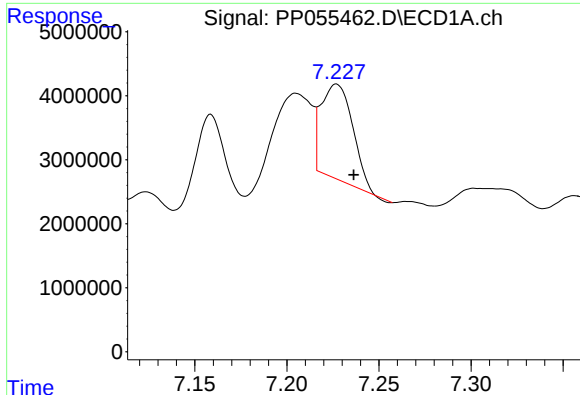
#28 AR-1254-3

R.T.: 6.943 min
Delta R.T.: -0.005 min
Response: 10546934
Conc: 86.10 ng/ml



#28 AR-1254-3

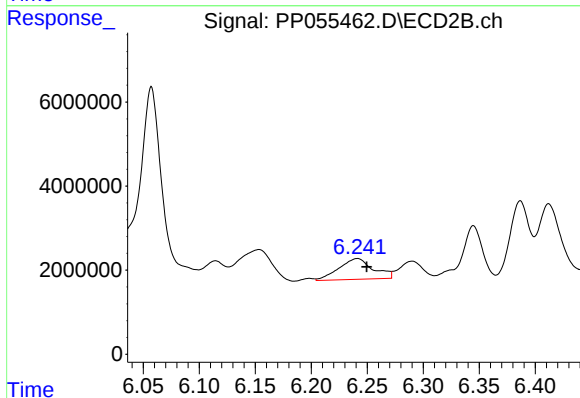
R.T.: 0.000 min
Exp R.T.: 6.020 min
Response: 0
Conc: N.D.



#29 AR-1254-4

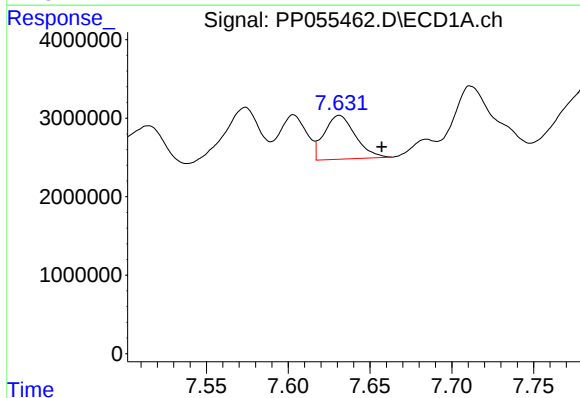
R.T.: 7.227 min
Delta R.T.: -0.009 min
Response: 17680499
Conc: 200.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



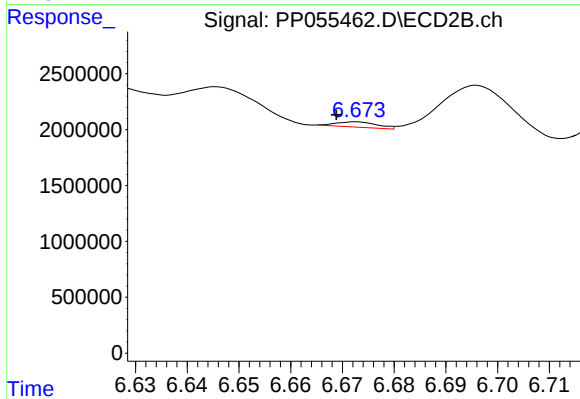
#29 AR-1254-4

R.T.: 6.241 min
Delta R.T.: -0.008 min
Response: 10496328
Conc: 170.65 ng/ml



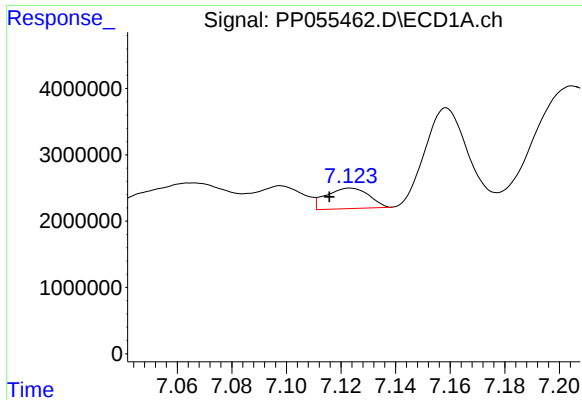
#30 AR-1254-5

R.T.: 7.631 min
Delta R.T.: -0.026 min
Response: 7353475
Conc: 72.69 ng/ml



#30 AR-1254-5

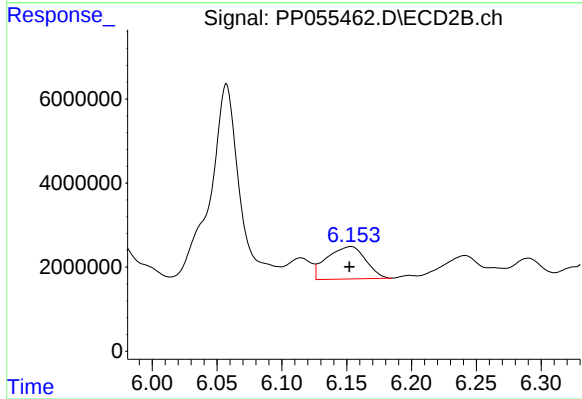
R.T.: 6.673 min
Delta R.T.: 0.004 min
Response: 263734
Conc: 2.78 ng/ml



#31 AR-1260-1

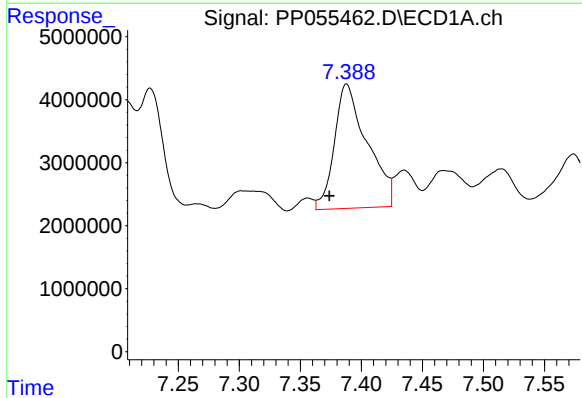
R.T.: 7.123 min
Delta R.T.: 0.008 min
Response: 3366779
Conc: 35.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



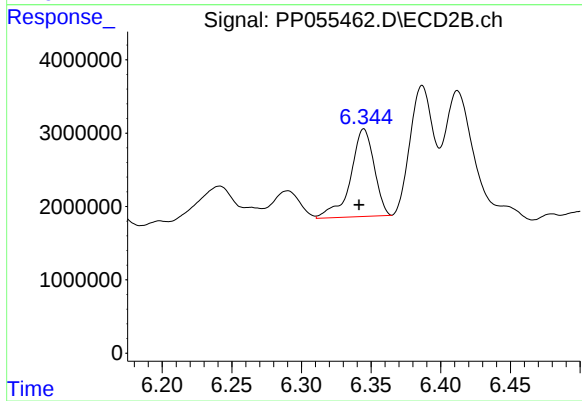
#31 AR-1260-1

R.T.: 6.153 min
Delta R.T.: 0.001 min
Response: 15945710
Conc: 205.63 ng/ml



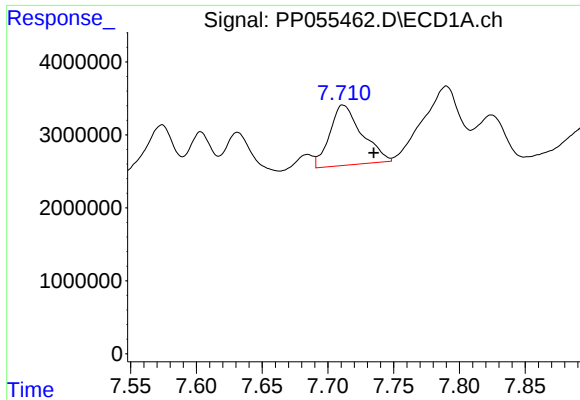
#32 AR-1260-2

R.T.: 7.388 min
Delta R.T.: 0.014 min
Response: 36702824
Conc: 326.11 ng/ml



#32 AR-1260-2

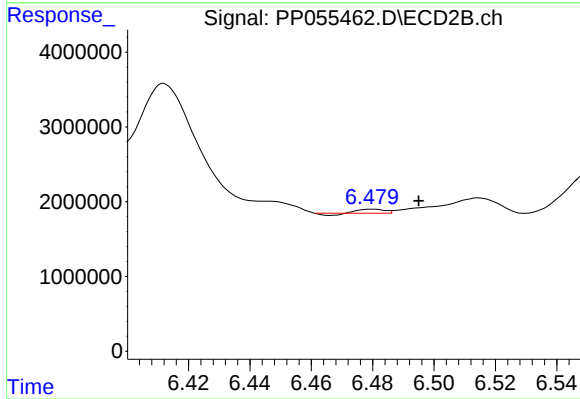
R.T.: 6.345 min
Delta R.T.: 0.003 min
Response: 14030737
Conc: 156.07 ng/ml



#33 AR-1260-3

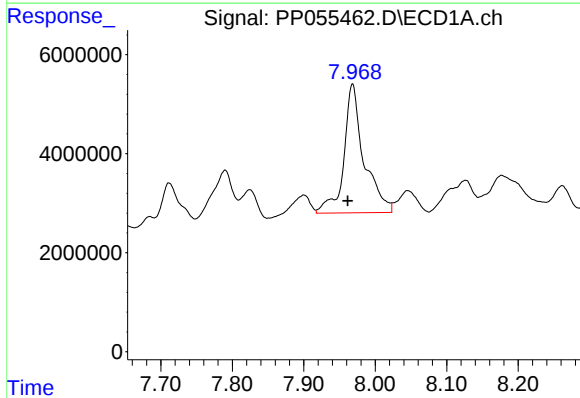
R.T.: 7.712 min
Delta R.T.: -0.023 min
Response: 14063882
Conc: 174.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



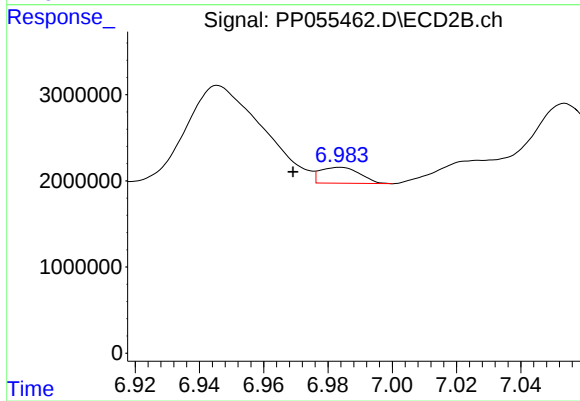
#33 AR-1260-3

R.T.: 6.480 min
Delta R.T.: -0.015 min
Response: 223388
Conc: 2.63 ng/ml



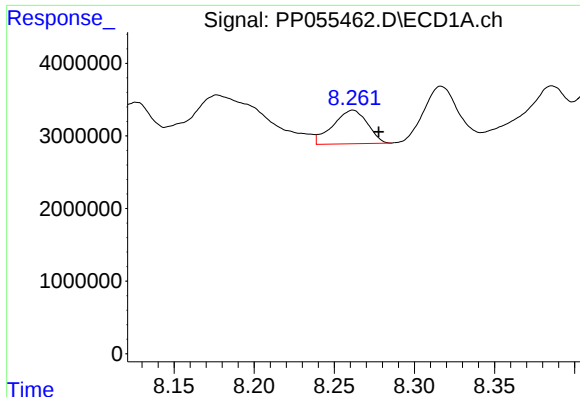
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.007 min
Response: 50756642
Conc: 522.85 ng/ml



#34 AR-1260-4

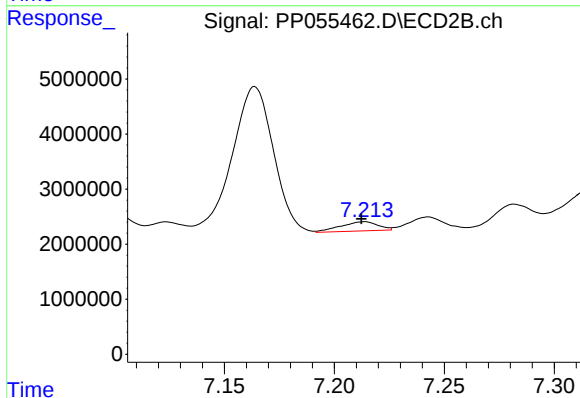
R.T.: 6.984 min
Delta R.T.: 0.015 min
Response: 1576269
Conc: 22.01 ng/ml



#35 AR-1260-5

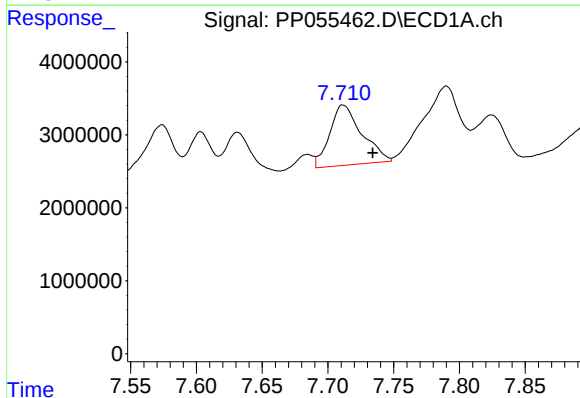
R.T.: 8.262 min
Delta R.T.: -0.016 min
Response: 6917954
Conc: 38.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



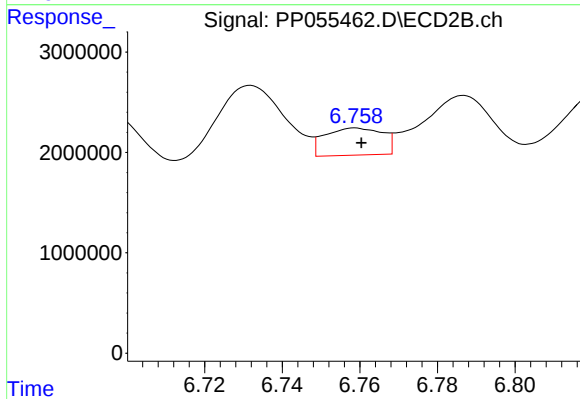
#35 AR-1260-5

R.T.: 7.214 min
Delta R.T.: 0.001 min
Response: 1992489
Conc: 12.96 ng/ml



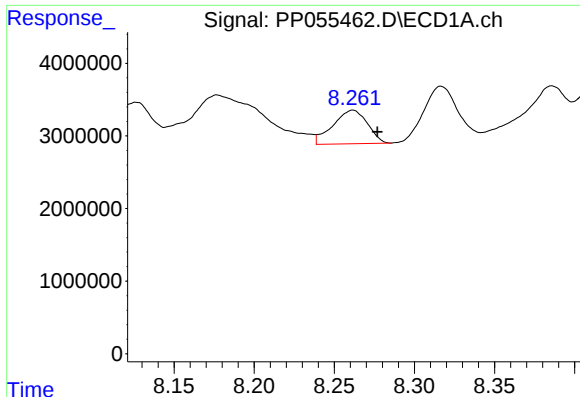
#36 AR-1262-1

R.T.: 7.712 min
Delta R.T.: -0.022 min
Response: 14063882
Conc: 119.20 ng/ml



#36 AR-1262-1

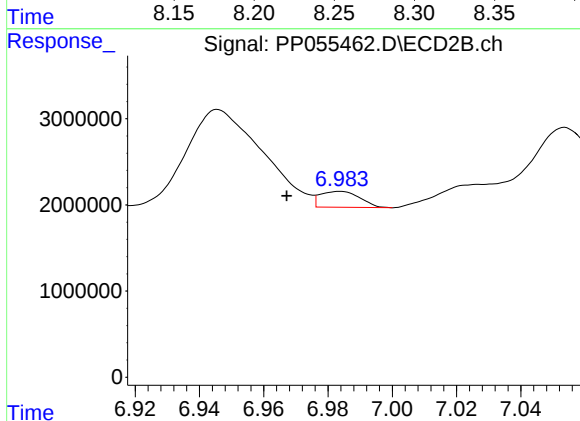
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 2781350
Conc: 64.74 ng/ml



#37 AR-1262-2

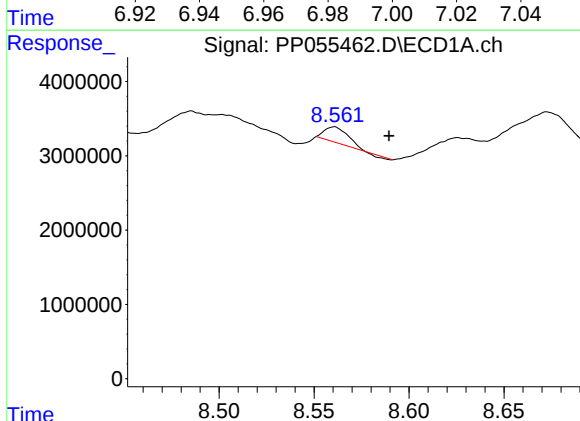
R.T.: 8.262 min
Delta R.T.: -0.015 min
Response: 6917954
Conc: 34.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



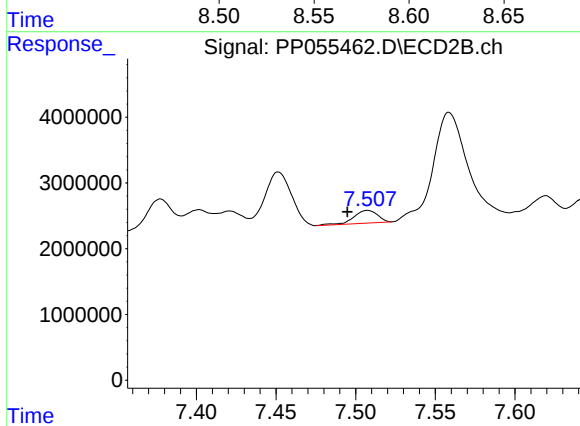
#37 AR-1262-2

R.T.: 6.984 min
Delta R.T.: 0.017 min
Response: 1576269
Conc: 17.02 ng/ml



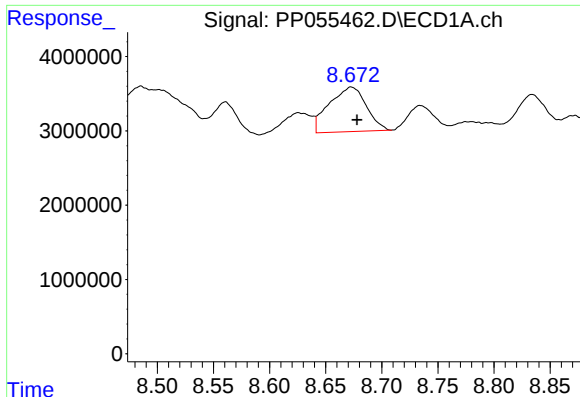
#38 AR-1262-3

R.T.: 8.561 min
Delta R.T.: -0.029 min
Response: 1739072
Conc: 12.50 ng/ml



#38 AR-1262-3

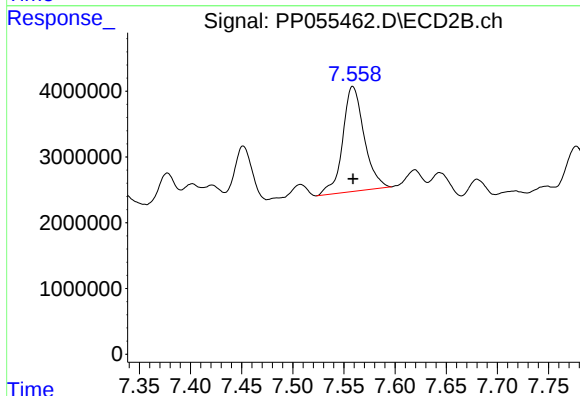
R.T.: 7.508 min
Delta R.T.: 0.013 min
Response: 2022471
Conc: 27.76 ng/ml



#39 AR-1262-4

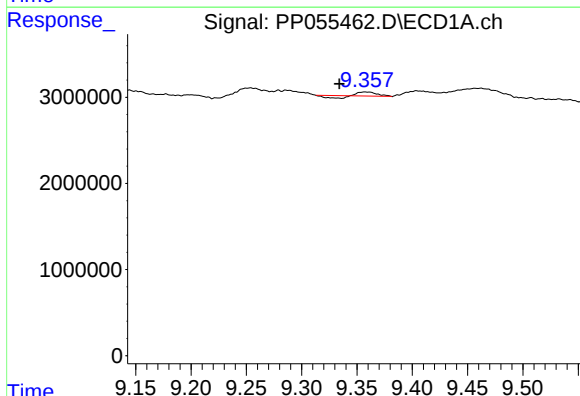
R.T.: 8.673 min
Delta R.T.: -0.005 min
Response: 13743087
Conc: 178.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



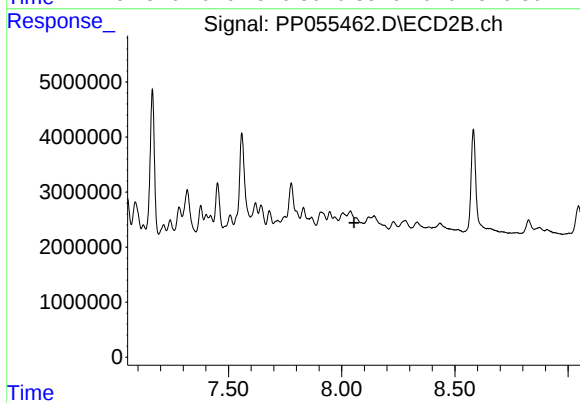
#39 AR-1262-4

R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 23312679
Conc: 178.26 ng/ml



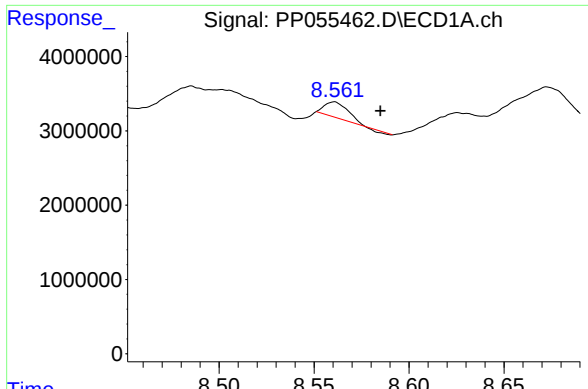
#40 AR-1262-5

R.T.: 9.358 min
Delta R.T.: 0.024 min
Response: 367959
Conc: 5.14 ng/ml



#40 AR-1262-5

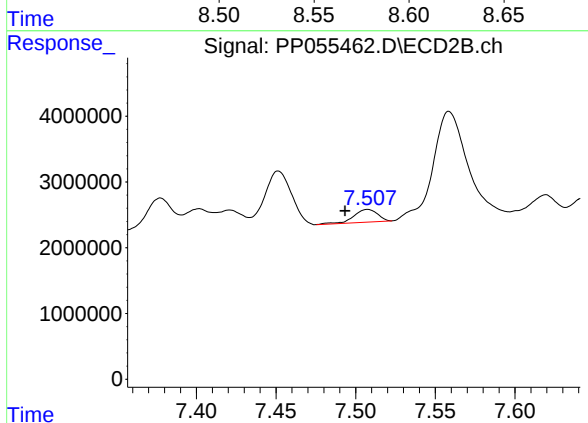
R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



#41 AR-1268-1

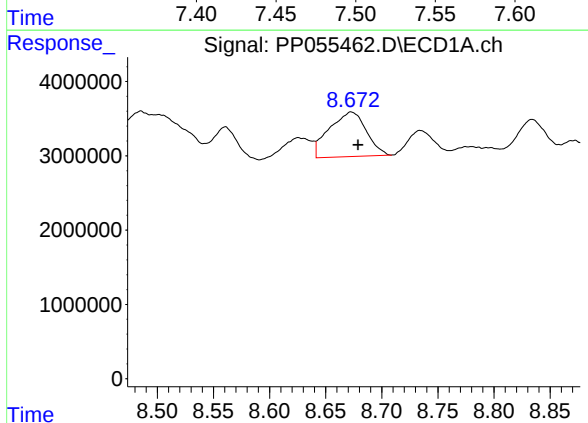
R.T.: 8.561 min
Delta R.T.: -0.024 min
Response: 1739072
Conc: 7.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



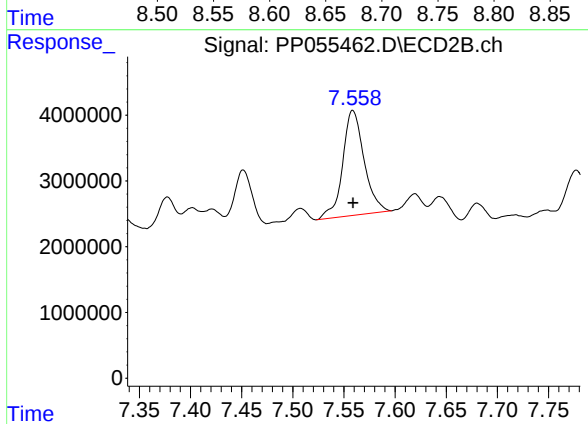
#41 AR-1268-1

R.T.: 7.508 min
Delta R.T.: 0.014 min
Response: 2022471
Conc: 9.35 ng/ml



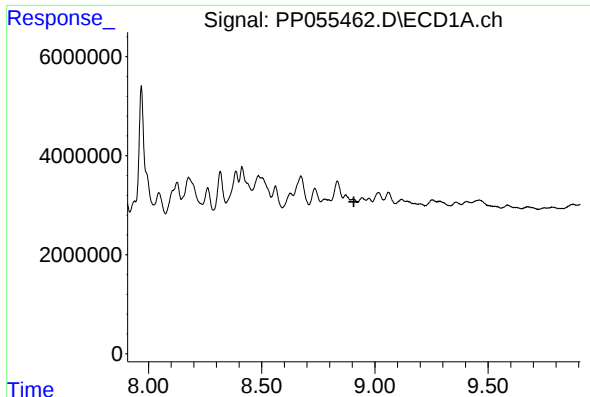
#42 AR-1268-2

R.T.: 8.673 min
Delta R.T.: -0.006 min
Response: 13743087
Conc: 60.51 ng/ml



#42 AR-1268-2

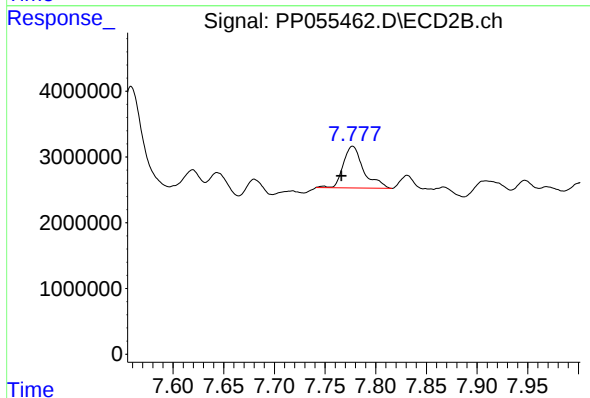
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 23312679
Conc: 119.47 ng/ml



#43 AR-1268-3

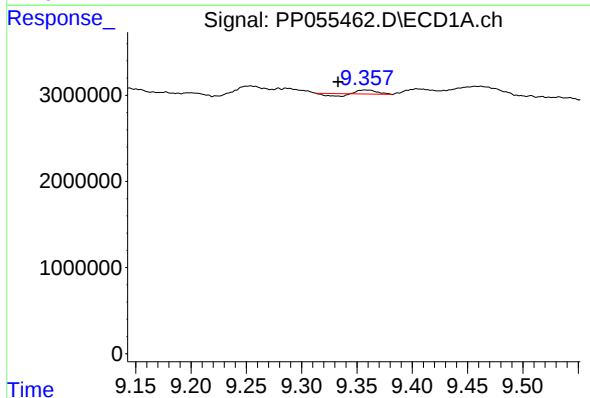
R.T.: 0.000 min
Exp R.T.: 8.907 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



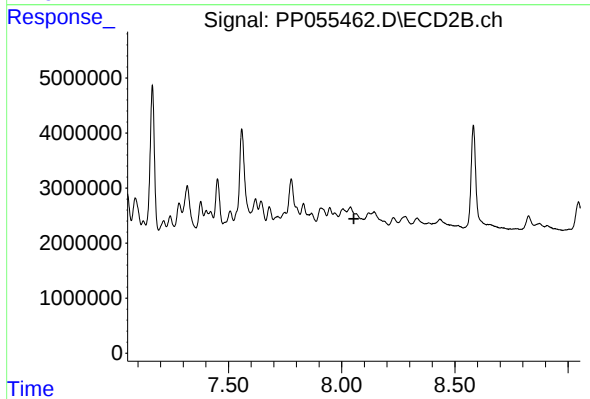
#43 AR-1268-3

R.T.: 7.777 min
Delta R.T.: 0.011 min
Response: 8852247
Conc: 51.54 ng/ml



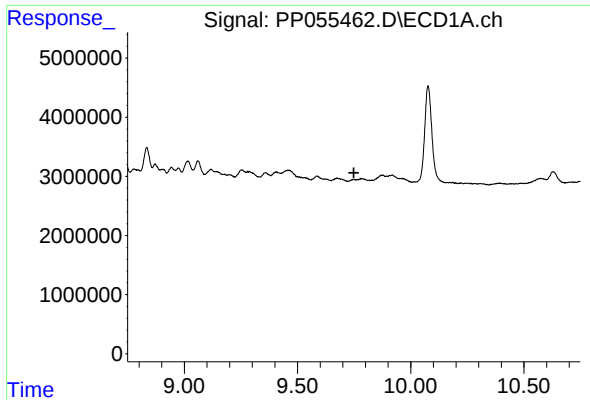
#44 AR-1268-4

R.T.: 9.358 min
Delta R.T.: 0.025 min
Response: 367959
Conc: 4.68 ng/ml



#44 AR-1268-4

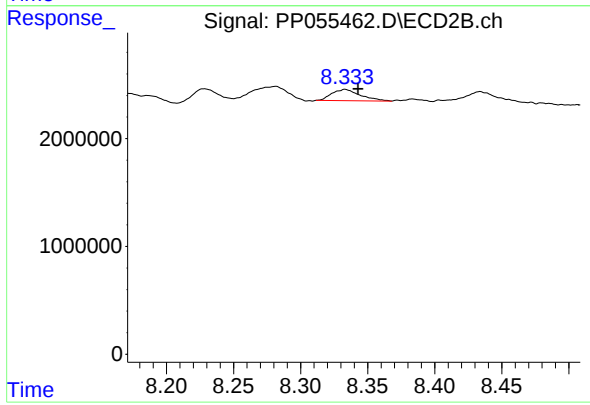
R.T.: 0.000 min
Exp R.T.: 8.054 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.749 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.333 min
Delta R.T.: -0.010 min
Response: 1547002
Conc: 2.94 ng/ml