

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020923\
 Data File : PP055485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2023 11:09
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:25:44 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...	4.336	3.577	84075529	73712000	48.355	49.102
2)	SA Decachlor...	10.092	8.586	78703027	62627003	45.449	46.371
Target Compounds							
3)	L1 AR-1016-1	5.505	4.658	23922044	18549427	355.929	374.782
4)	L1 AR-1016-2	5.528	4.676	34971719	27132274	364.938	391.977
5)	L1 AR-1016-3	5.590	4.852	21687920	14509721	362.575	390.082
6)	L1 AR-1016-4	5.689	4.894	17392580	12333726	362.965	392.516
7)	L1 AR-1016-5	5.985	5.108	18386519	16379825	362.838	400.636
8)	L2 AR-1221-1	4.539	3.787	2555347	2373045	108.669	119.688
9)	L2 AR-1221-2	4.631	3.874	3933732	3321706	221.407	224.101
10)	L2 AR-1221-3	4.707	3.949	14271951	12335215	265.230	273.420
11)	L3 AR-1232-1	4.707	3.949	14271951	12335215	321.565	334.656
12)	L3 AR-1232-2	5.236	4.676	18345312	27132274	811.209	849.409
13)	L3 AR-1232-3	5.528	4.852	34971719	14509721	796.309	870.358
14)	L3 AR-1232-4	5.689	4.936	17392580	15567784	785.778	965.377
15)	L3 AR-1232-5	5.780	5.108	14615238	16379825	834.821	927.433
16)	L4 AR-1242-1	5.505	4.658	23922044	18549427	427.265	452.842
17)	L4 AR-1242-2	5.528	4.676	34971719	27132274	438.078	475.163
18)	L4 AR-1242-3	5.590	4.852	21687920	14509721	436.715	470.063
19)	L4 AR-1242-4	5.689	4.936	17392580	15567784	433.981	479.199
20)	L4 AR-1242-5	6.429	5.460	17976721	17180680	404.303	459.725
21)	L5 AR-1248-1	5.505	4.658	23922044	18549427	573.619	598.308
22)	L5 AR-1248-2	5.780	4.894	14615238	12333726	229.892	269.722
23)	L5 AR-1248-3	5.985	4.936	18386519	15567784	265.862	326.552
24)	L5 AR-1248-4	6.390	5.108	17351937	16379825	228.815	296.590 #
25)	L5 AR-1248-5	6.429	5.501	17976721	13960753	243.610	283.923
26)	L6 AR-1254-1	6.362	5.460	12924528	17180680	163.825	212.742 #
27)	L6 AR-1254-2	6.586	5.609	15297541	4643261	126.402	64.884 #
28)	L6 AR-1254-3	6.950	6.013	6122885	5703152	49.987	51.192
29)	L6 AR-1254-4	7.238	6.243	4391413	3733253	49.839	60.696
30)	L6 AR-1254-5	7.660	6.662	1602803	1249266	15.844	13.177
31)	L7 AR-1260-1	7.116	6.158	600705	2023989	6.302	26.101 #
32)	L7 AR-1260-2	7.372	6.332	2126253	492078	18.892	5.474 #
33)	L7 AR-1260-3	7.714f	6.486	361939	669858	4.495	7.889 #
34)	L7 AR-1260-4	7.947	6.998f	1447818	520377	14.914	7.268 #
35)	L7 AR-1260-5	8.280	7.210	1191582	143895	6.700	0.936 #
36)	L8 AR-1262-1	7.714f	6.770	361939	54581	3.068	1.270 #
37)	L8 AR-1262-2	8.280	0.000	1191582	0	5.916	N.D. #
38)	L8 AR-1262-3	8.580	7.495	16233	57210	0.117	0.785 #
39)	L8 AR-1262-4	8.682	0.000	328403	0	4.272	N.D. #
40)	L8 AR-1262-5	9.360f	0.000	29019	0	0.406	N.D. #
41)	L9 AR-1268-1	8.580	7.495	16233	57210	0.066	0.265 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020923\
 Data File : PP055485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2023 11:09
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

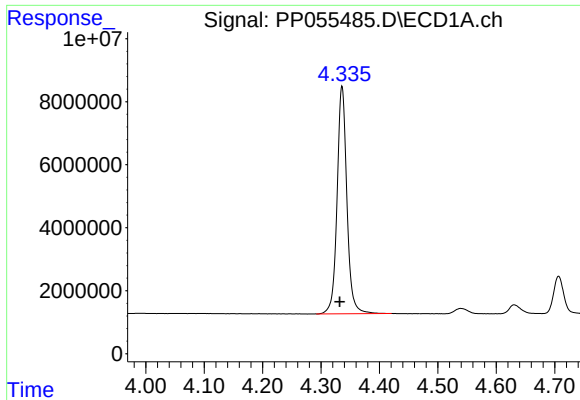
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 21:25:44 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
42) L9	AR-1268-2	8.682	0.000	328403	0	1.446	N.D. #
43) L9	AR-1268-3	8.911	7.766	234223	118302	1.172	0.689 #
44) L9	AR-1268-4	9.360f	0.000	29019	0	0.369	N.D. #
45) L9	AR-1268-5	9.755	8.336	385466	284858	0.606	0.541

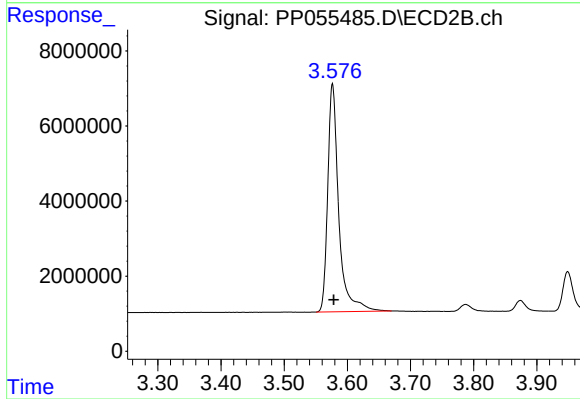
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

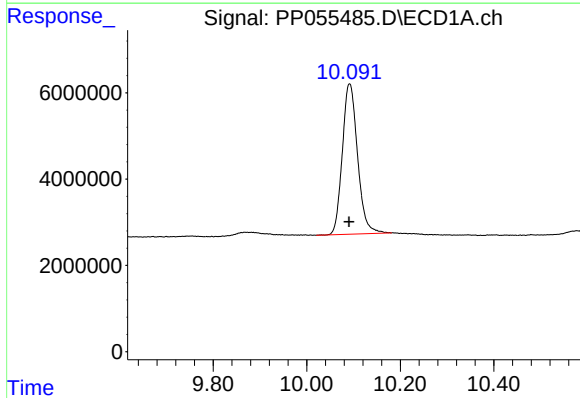
R.T.: 4.336 min
Delta R.T.: 0.004 min
Response: 84075529
Conc: 48.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



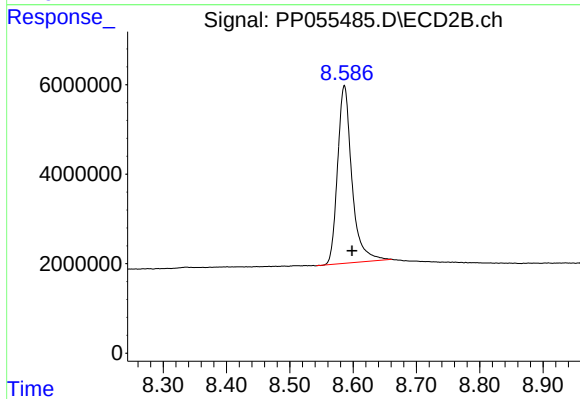
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: -0.002 min
Response: 73712000
Conc: 49.10 ng/ml



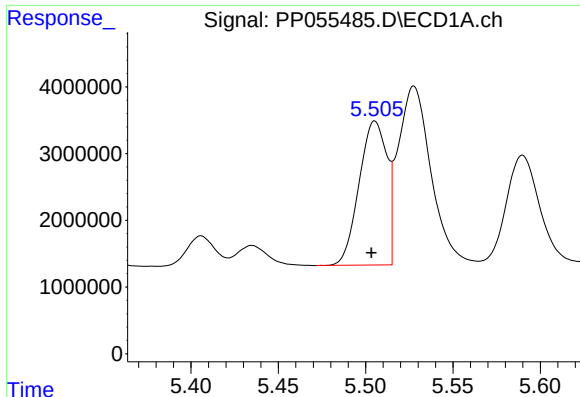
#2 Decachlorobiphenyl

R.T.: 10.092 min
Delta R.T.: 0.000 min
Response: 78703027
Conc: 45.45 ng/ml



#2 Decachlorobiphenyl

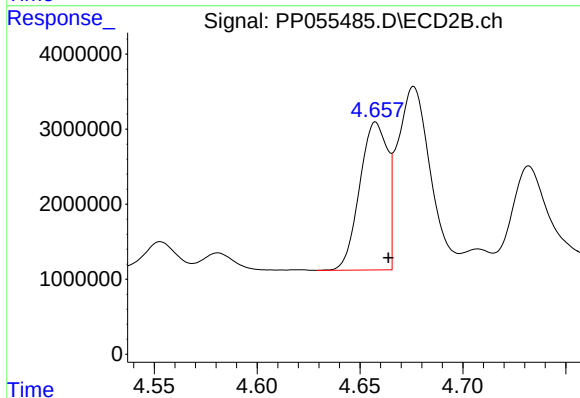
R.T.: 8.586 min
Delta R.T.: -0.012 min
Response: 62627003
Conc: 46.37 ng/ml



#3 AR-1016-1

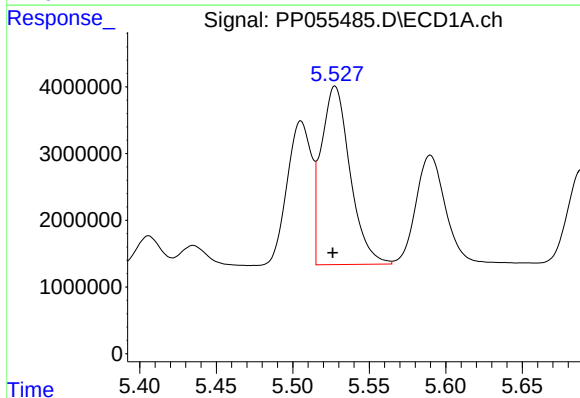
R.T.: 5.505 min
Delta R.T.: 0.002 min
Response: 23922044
Conc: 355.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



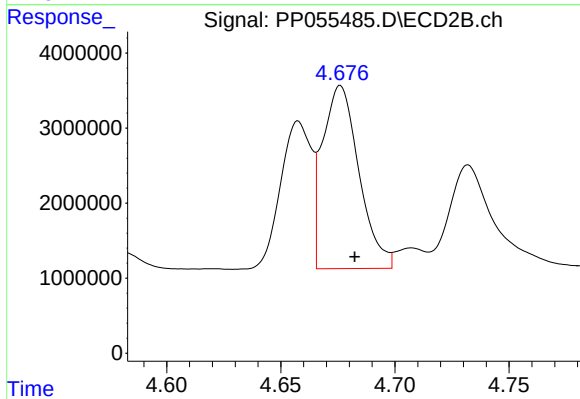
#3 AR-1016-1

R.T.: 4.658 min
Delta R.T.: -0.006 min
Response: 18549427
Conc: 374.78 ng/ml



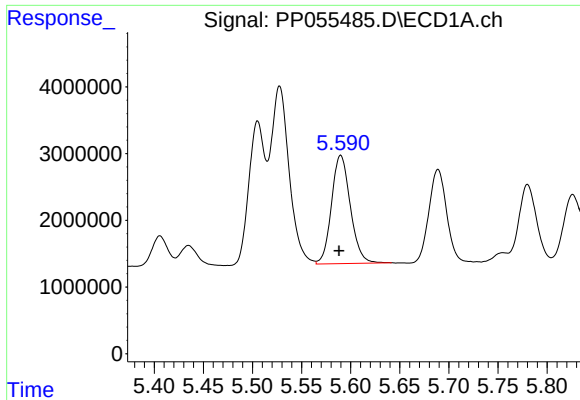
#4 AR-1016-2

R.T.: 5.528 min
Delta R.T.: 0.002 min
Response: 34971719
Conc: 364.94 ng/ml



#4 AR-1016-2

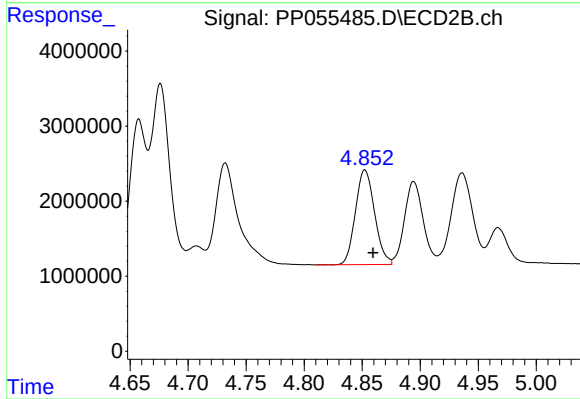
R.T.: 4.676 min
Delta R.T.: -0.006 min
Response: 27132274
Conc: 391.98 ng/ml



#5 AR-1016-3

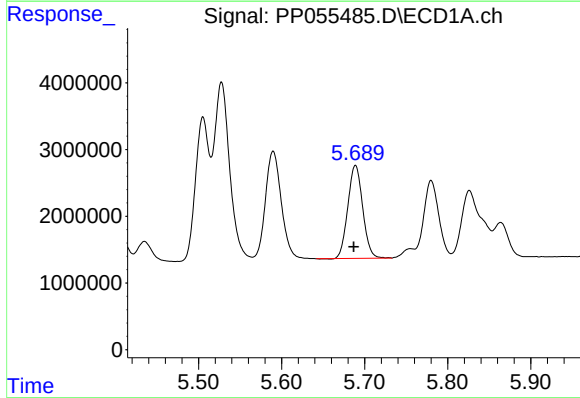
R.T.: 5.590 min
Delta R.T.: 0.002 min
Response: 21687920
Conc: 362.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



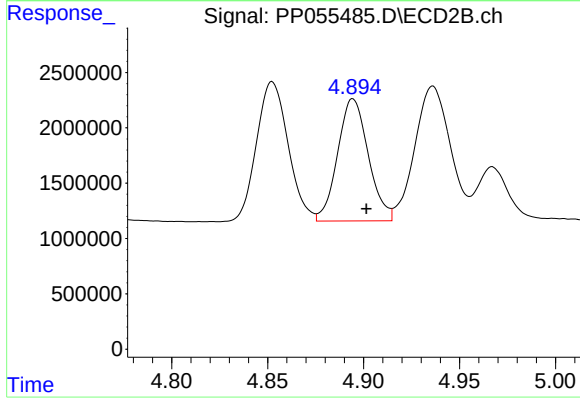
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 14509721
Conc: 390.08 ng/ml



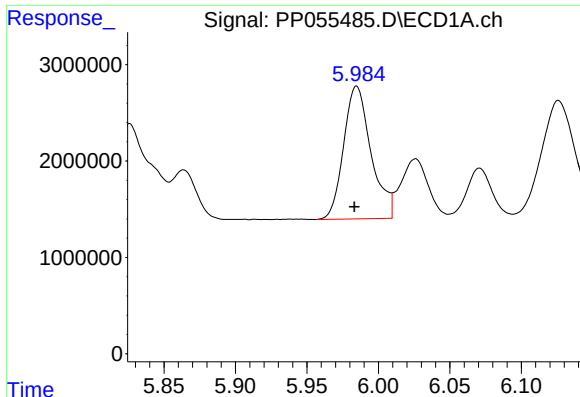
#6 AR-1016-4

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 17392580
Conc: 362.96 ng/ml



#6 AR-1016-4

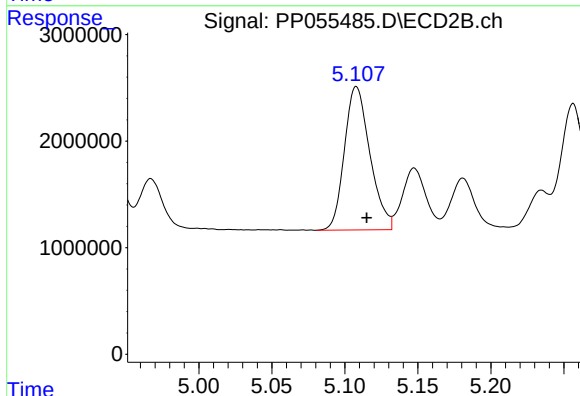
R.T.: 4.894 min
Delta R.T.: -0.007 min
Response: 12333726
Conc: 392.52 ng/ml



#7 AR-1016-5

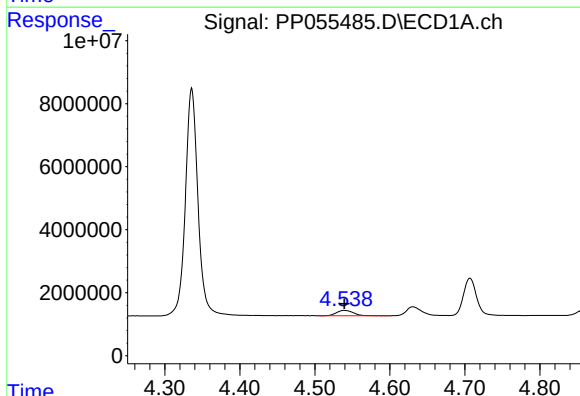
R.T.: 5.985 min
Delta R.T.: 0.002 min
Response: 18386519
Conc: 362.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



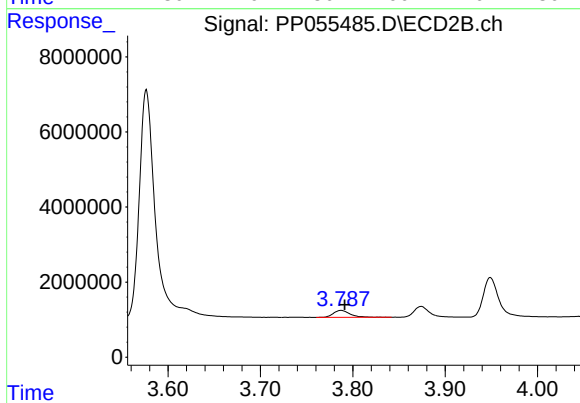
#7 AR-1016-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 16379825
Conc: 400.64 ng/ml



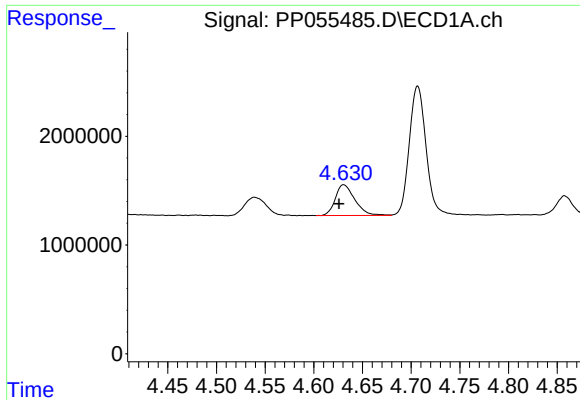
#8 AR-1221-1

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 2555347
Conc: 108.67 ng/ml



#8 AR-1221-1

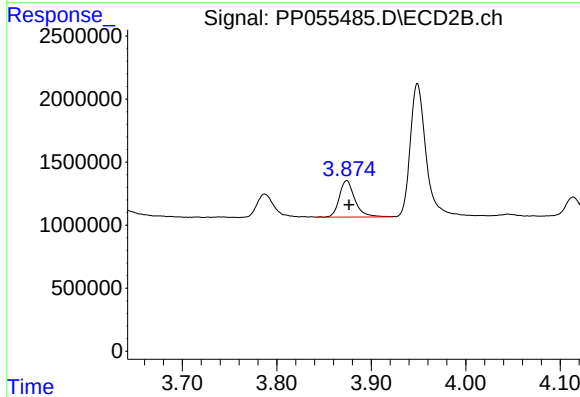
R.T.: 3.787 min
Delta R.T.: -0.004 min
Response: 2373045
Conc: 119.69 ng/ml



#9 AR-1221-2

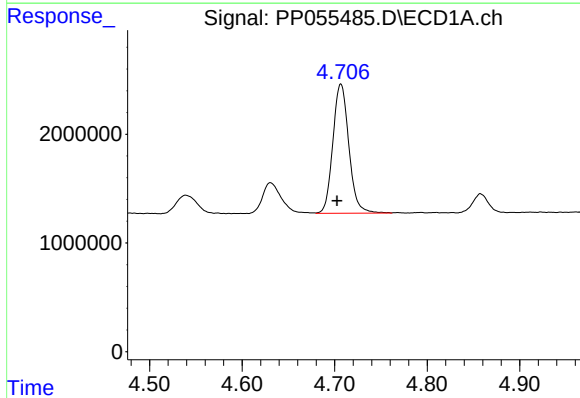
R.T.: 4.631 min
Delta R.T.: 0.005 min
Response: 3933732
Conc: 221.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



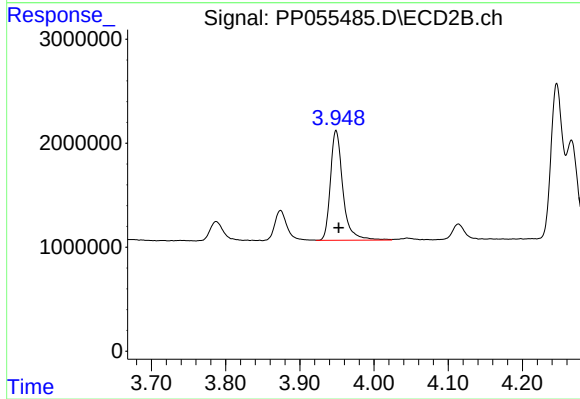
#9 AR-1221-2

R.T.: 3.874 min
Delta R.T.: -0.003 min
Response: 3321706
Conc: 224.10 ng/ml



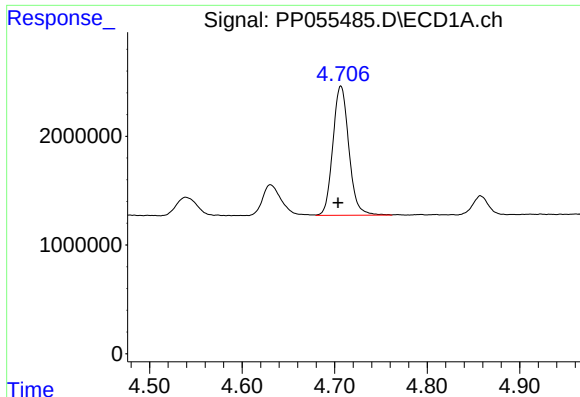
#10 AR-1221-3

R.T.: 4.707 min
Delta R.T.: 0.004 min
Response: 14271951
Conc: 265.23 ng/ml



#10 AR-1221-3

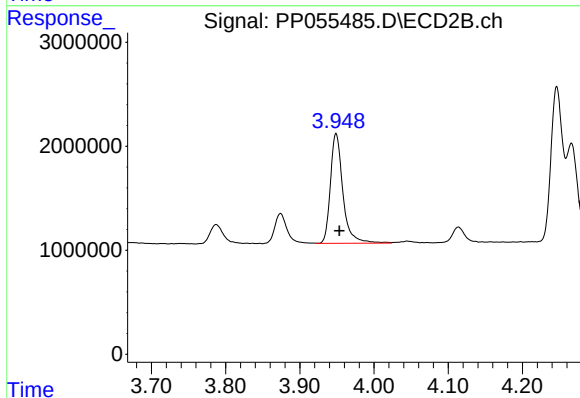
R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 12335215
Conc: 273.42 ng/ml



#11 AR-1232-1

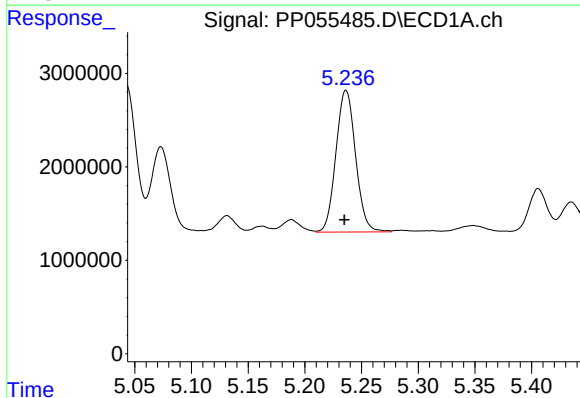
R.T.: 4.707 min
Delta R.T.: 0.003 min
Response: 14271951
Conc: 321.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



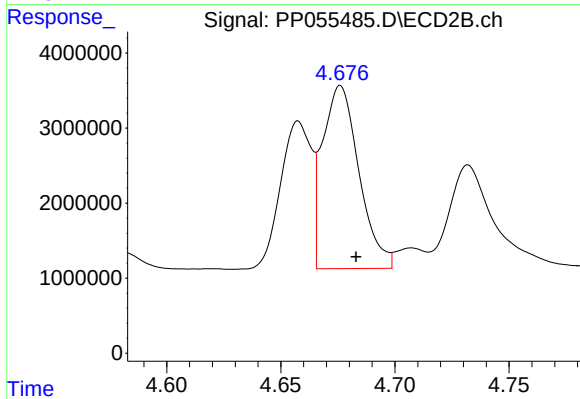
#11 AR-1232-1

R.T.: 3.949 min
Delta R.T.: -0.004 min
Response: 12335215
Conc: 334.66 ng/ml



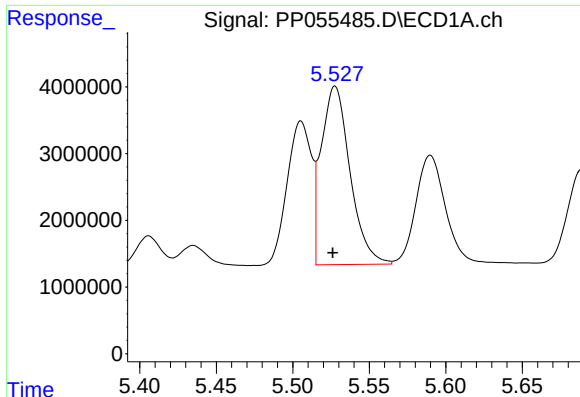
#12 AR-1232-2

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 18345312
Conc: 811.21 ng/ml



#12 AR-1232-2

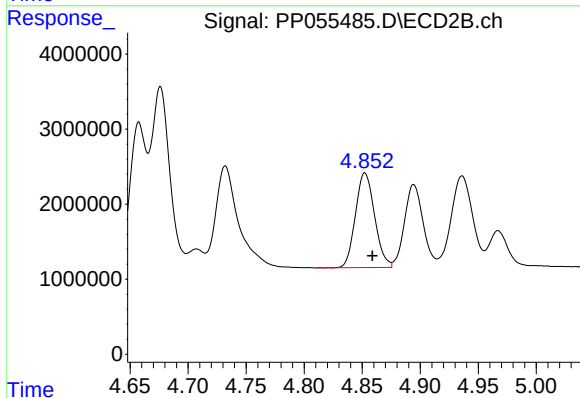
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 27132274
Conc: 849.41 ng/ml



#13 AR-1232-3

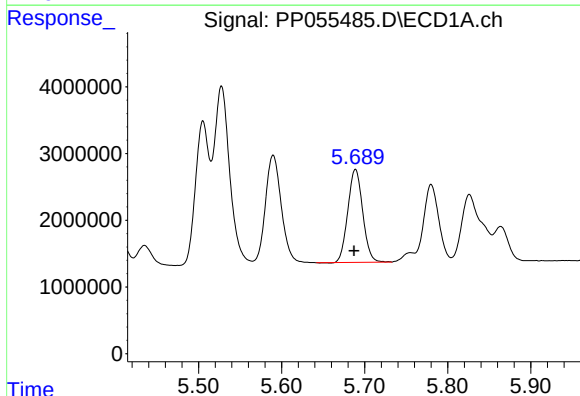
R.T.: 5.528 min
Delta R.T.: 0.002 min
Response: 34971719
Conc: 796.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



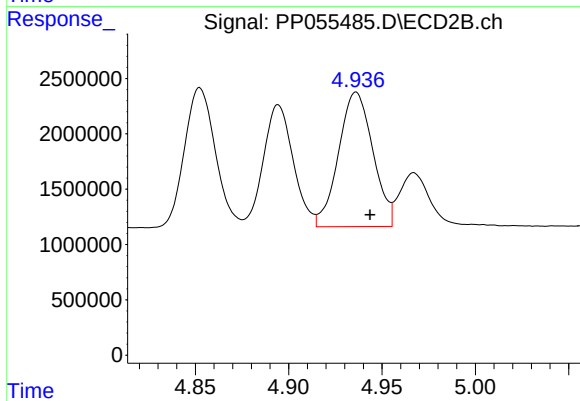
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 14509721
Conc: 870.36 ng/ml



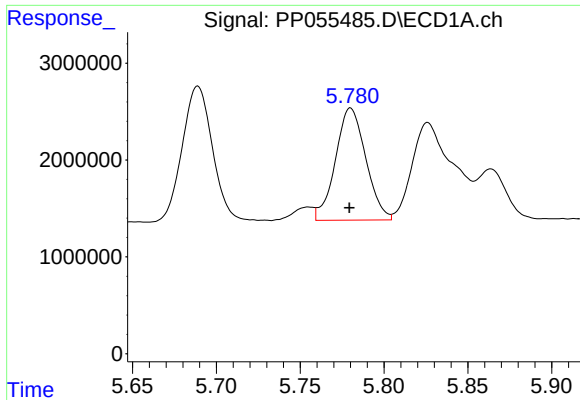
#14 AR-1232-4

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 17392580
Conc: 785.78 ng/ml



#14 AR-1232-4

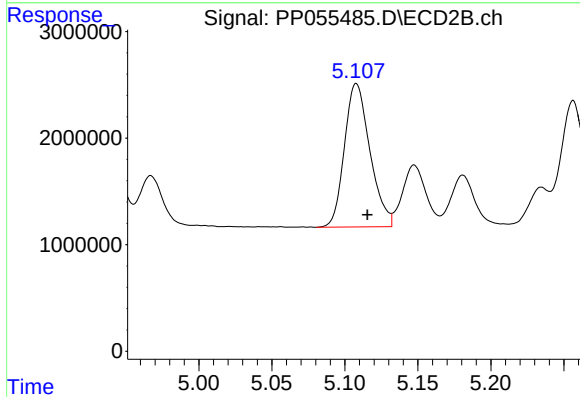
R.T.: 4.936 min
Delta R.T.: -0.008 min
Response: 15567784
Conc: 965.38 ng/ml



#15 AR-1232-5

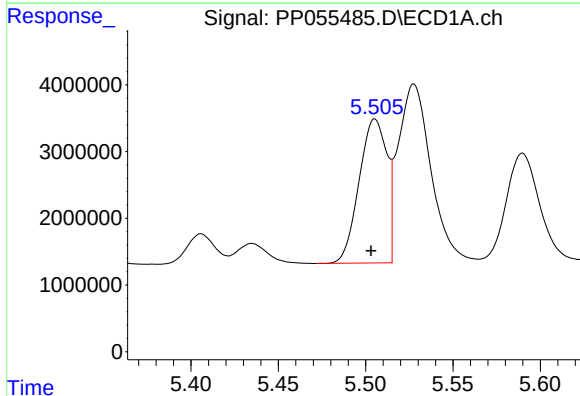
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 14615238
Conc: 834.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



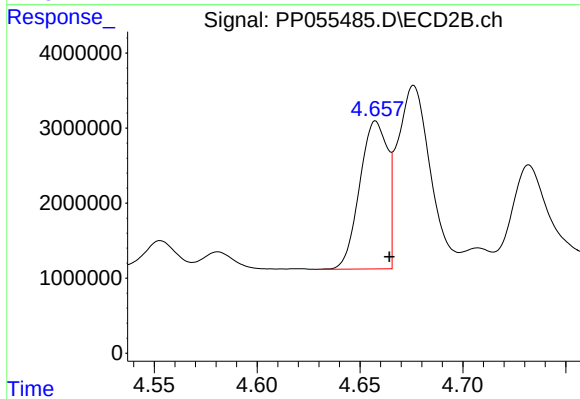
#15 AR-1232-5

R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: 16379825
Conc: 927.43 ng/ml



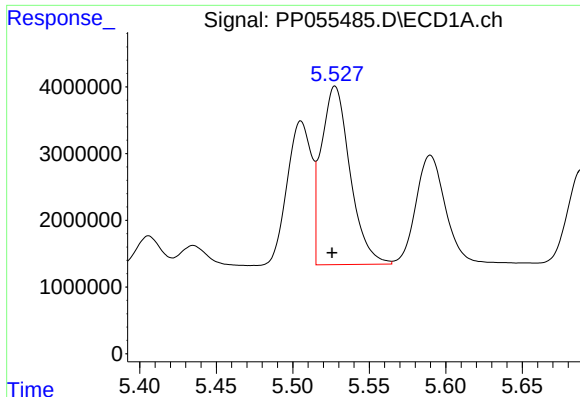
#16 AR-1242-1

R.T.: 5.505 min
Delta R.T.: 0.002 min
Response: 23922044
Conc: 427.26 ng/ml



#16 AR-1242-1

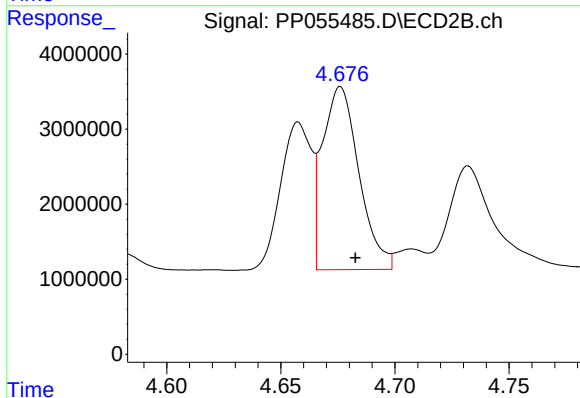
R.T.: 4.658 min
Delta R.T.: -0.007 min
Response: 18549427
Conc: 452.84 ng/ml



#17 AR-1242-2

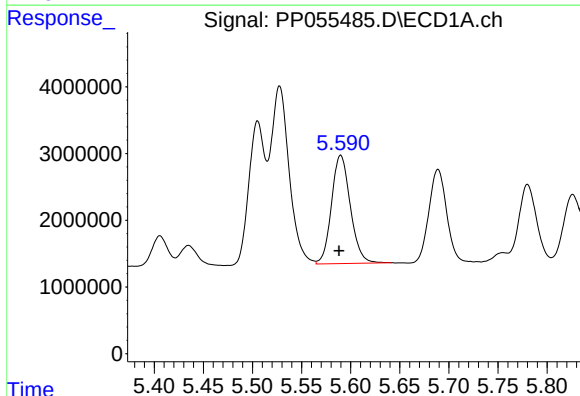
R.T.: 5.528 min
Delta R.T.: 0.002 min
Response: 34971719
Conc: 438.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



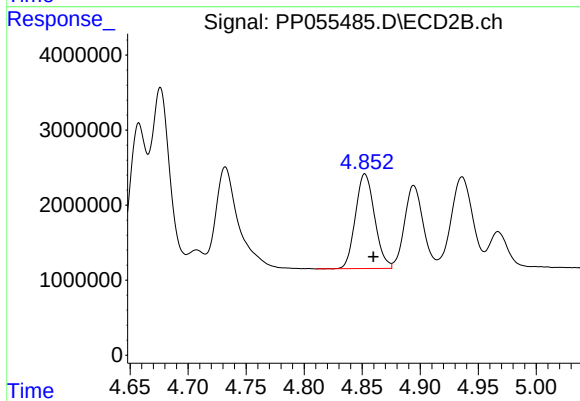
#17 AR-1242-2

R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 27132274
Conc: 475.16 ng/ml



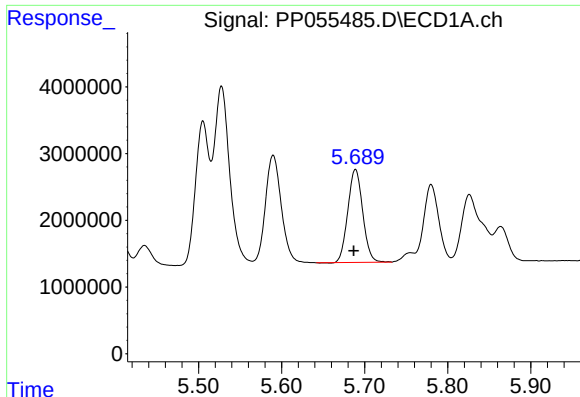
#18 AR-1242-3

R.T.: 5.590 min
Delta R.T.: 0.002 min
Response: 21687920
Conc: 436.72 ng/ml



#18 AR-1242-3

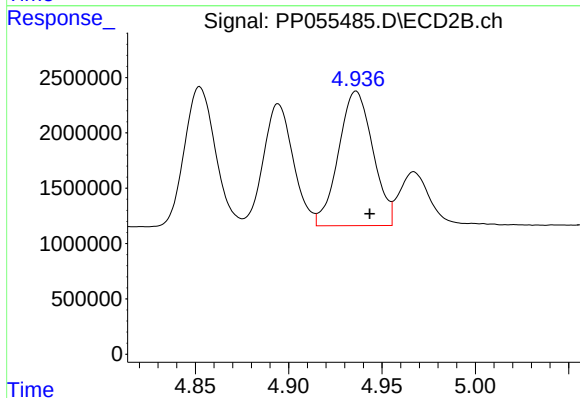
R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 14509721
Conc: 470.06 ng/ml



#19 AR-1242-4

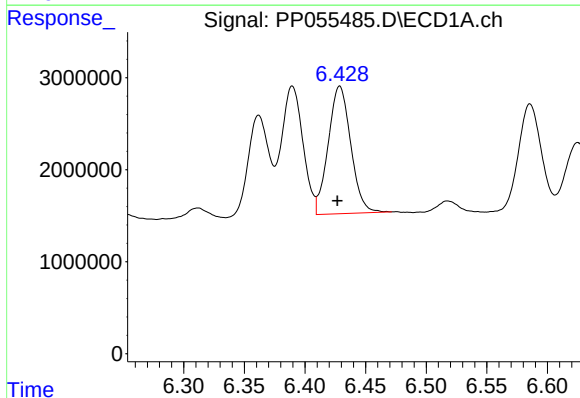
R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 17392580
Conc: 433.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



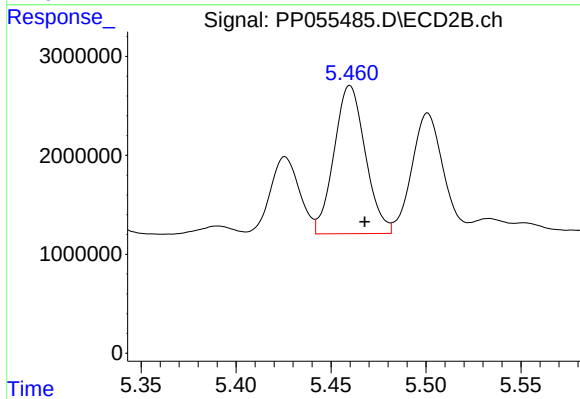
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 15567784
Conc: 479.20 ng/ml



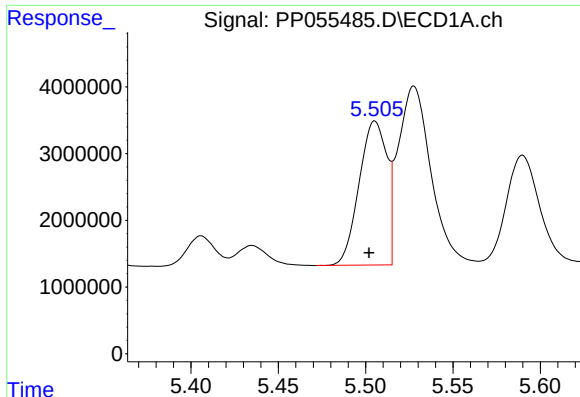
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: 0.002 min
Response: 17976721
Conc: 404.30 ng/ml



#20 AR-1242-5

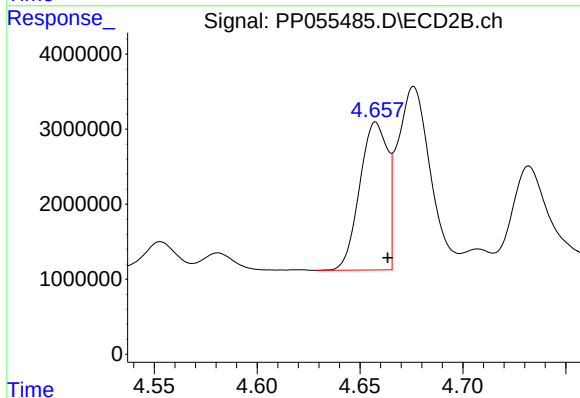
R.T.: 5.460 min
Delta R.T.: -0.008 min
Response: 17180680
Conc: 459.72 ng/ml



#21 AR-1248-1

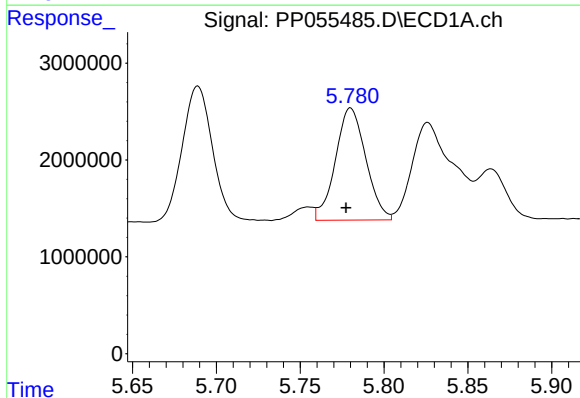
R.T.: 5.505 min
Delta R.T.: 0.003 min
Response: 23922044
Conc: 573.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



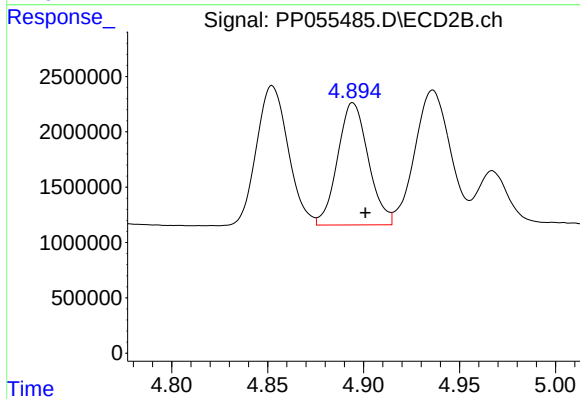
#21 AR-1248-1

R.T.: 4.658 min
Delta R.T.: -0.006 min
Response: 18549427
Conc: 598.31 ng/ml



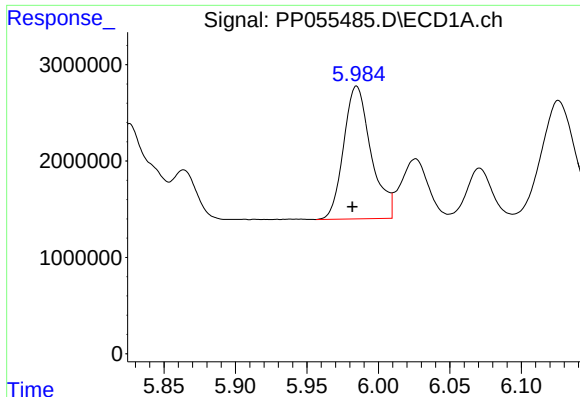
#22 AR-1248-2

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 14615238
Conc: 229.89 ng/ml



#22 AR-1248-2

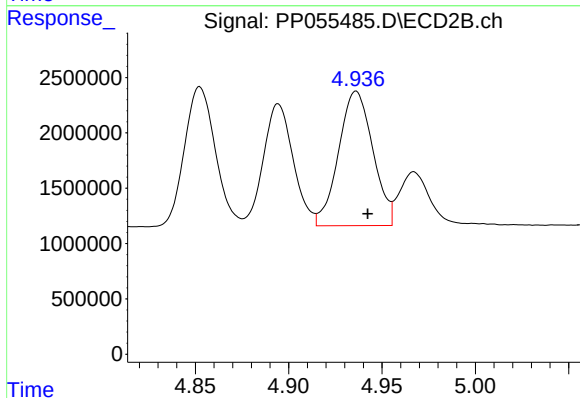
R.T.: 4.894 min
Delta R.T.: -0.006 min
Response: 12333726
Conc: 269.72 ng/ml



#23 AR-1248-3

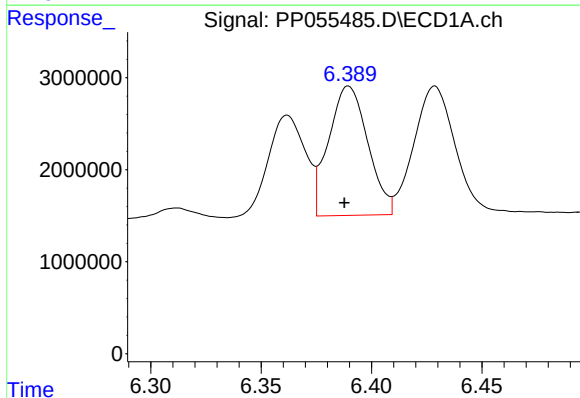
R.T.: 5.985 min
Delta R.T.: 0.003 min
Response: 18386519
Conc: 265.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



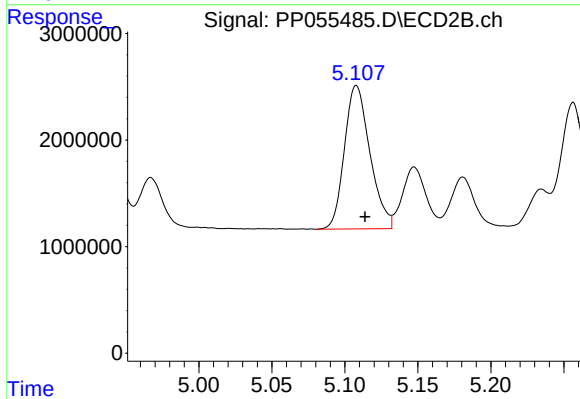
#23 AR-1248-3

R.T.: 4.936 min
Delta R.T.: -0.006 min
Response: 15567784
Conc: 326.55 ng/ml



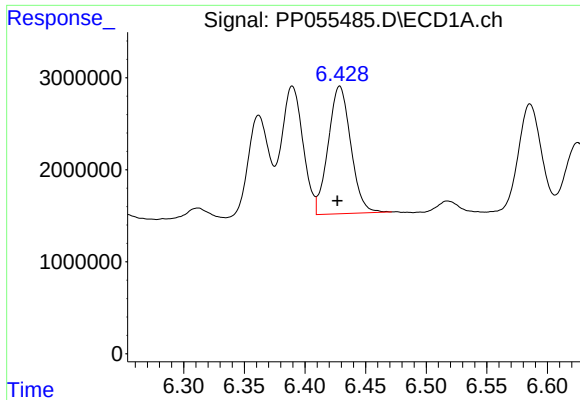
#24 AR-1248-4

R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 17351937
Conc: 228.81 ng/ml



#24 AR-1248-4

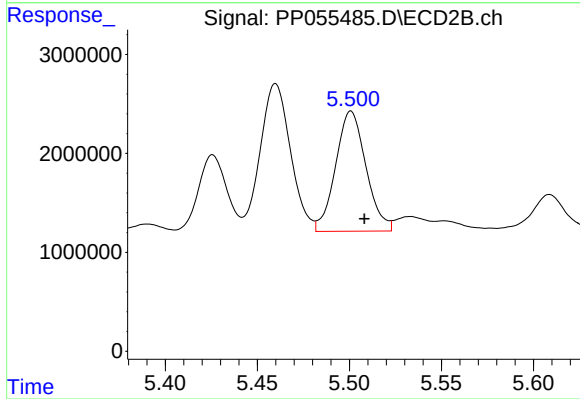
R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: 16379825
Conc: 296.59 ng/ml



#25 AR-1248-5

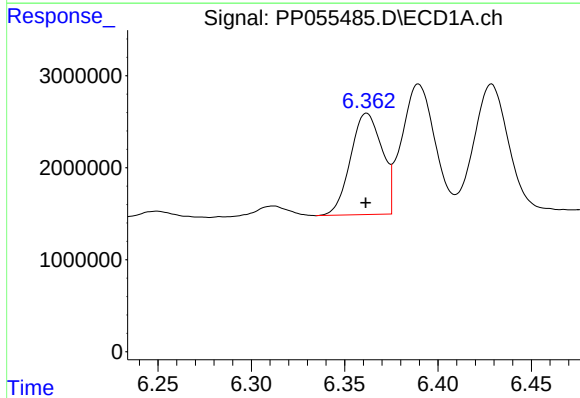
R.T.: 6.429 min
Delta R.T.: 0.002 min
Response: 17976721
Conc: 243.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



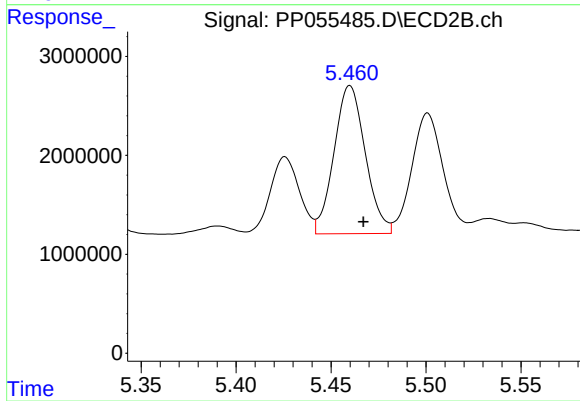
#25 AR-1248-5

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 13960753
Conc: 283.92 ng/ml



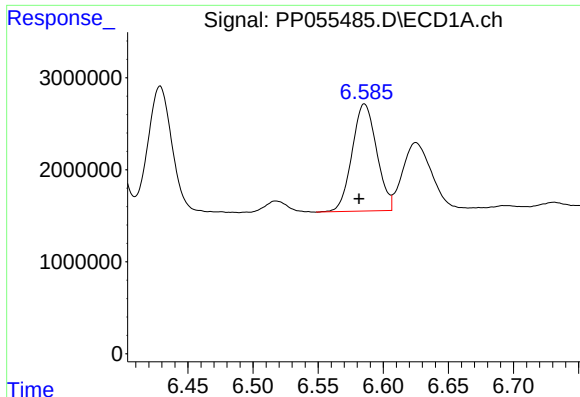
#26 AR-1254-1

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 12924528
Conc: 163.82 ng/ml



#26 AR-1254-1

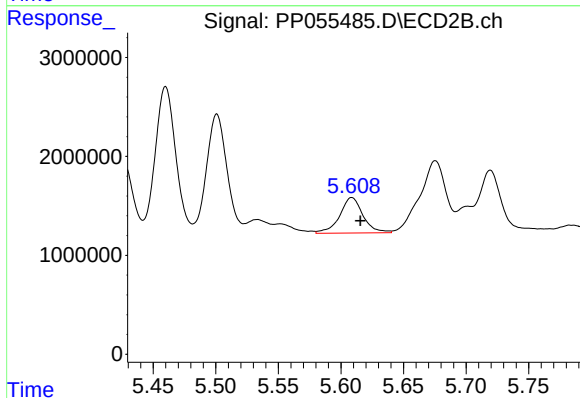
R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 17180680
Conc: 212.74 ng/ml



#27 AR-1254-2

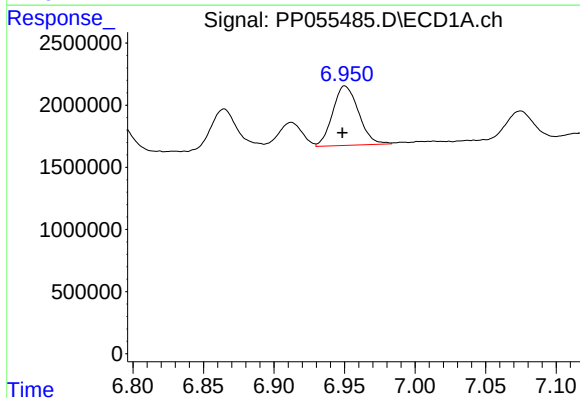
R.T.: 6.586 min
Delta R.T.: 0.004 min
Response: 15297541
Conc: 126.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



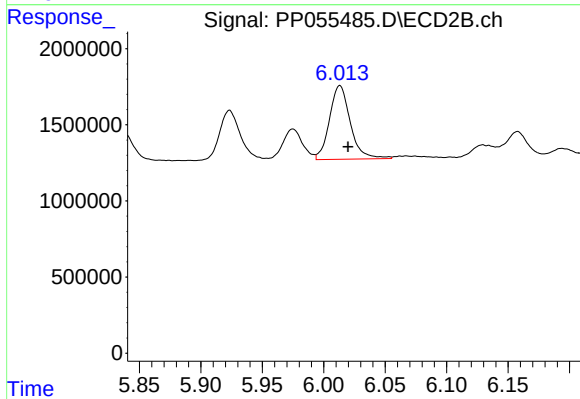
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: -0.007 min
Response: 4643261
Conc: 64.88 ng/ml



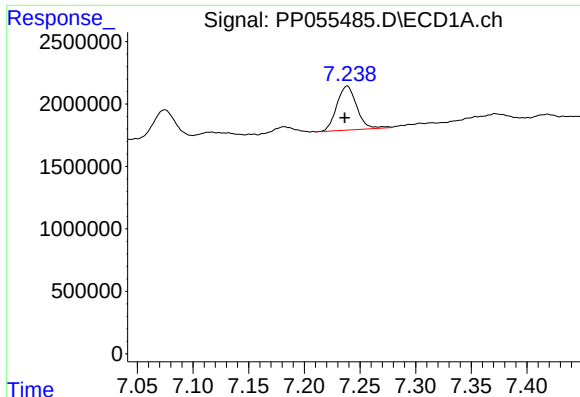
#28 AR-1254-3

R.T.: 6.950 min
Delta R.T.: 0.002 min
Response: 6122885
Conc: 49.99 ng/ml



#28 AR-1254-3

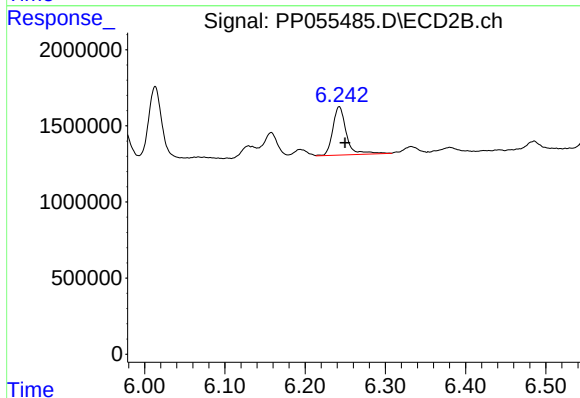
R.T.: 6.013 min
Delta R.T.: -0.007 min
Response: 5703152
Conc: 51.19 ng/ml



#29 AR-1254-4

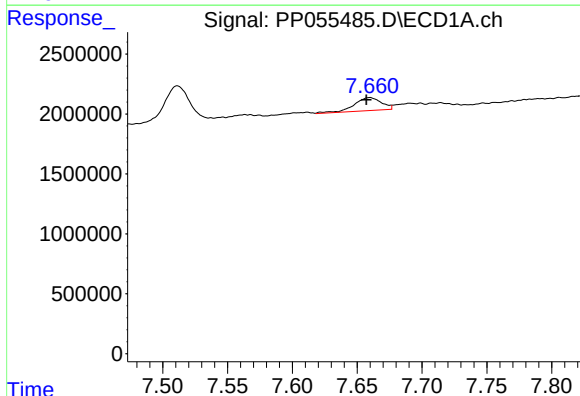
R.T.: 7.238 min
Delta R.T.: 0.002 min
Response: 4391413
Conc: 49.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



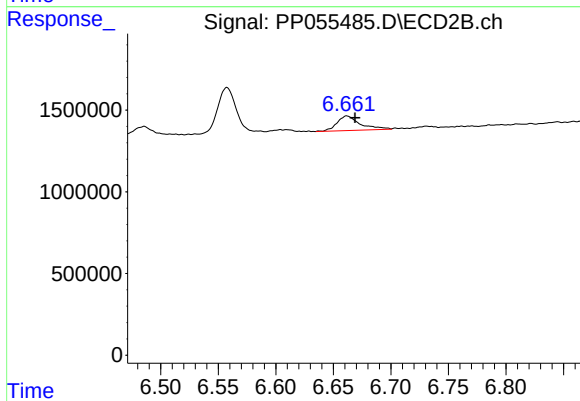
#29 AR-1254-4

R.T.: 6.243 min
Delta R.T.: -0.007 min
Response: 3733253
Conc: 60.70 ng/ml



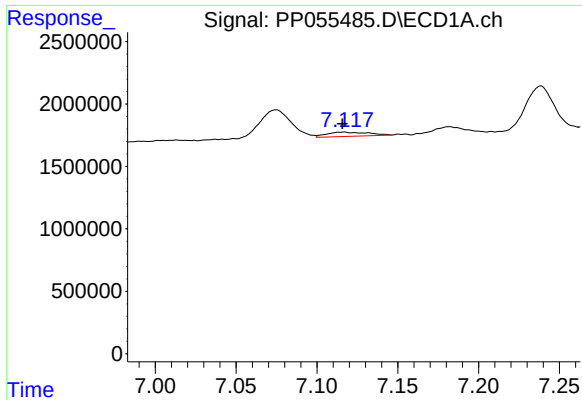
#30 AR-1254-5

R.T.: 7.660 min
Delta R.T.: 0.002 min
Response: 1602803
Conc: 15.84 ng/ml



#30 AR-1254-5

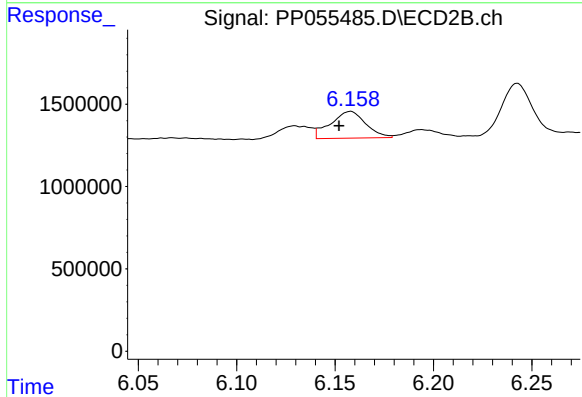
R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 1249266
Conc: 13.18 ng/ml



#31 AR-1260-1

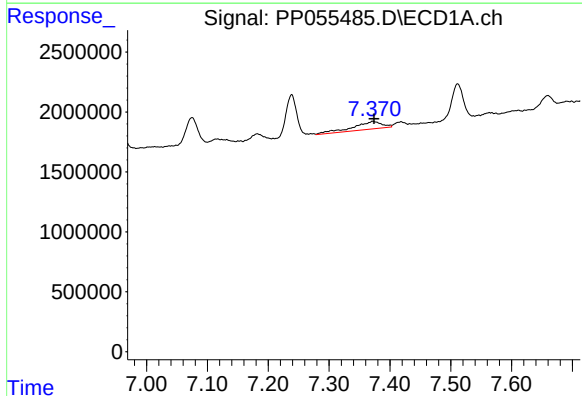
R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 600705
Conc: 6.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



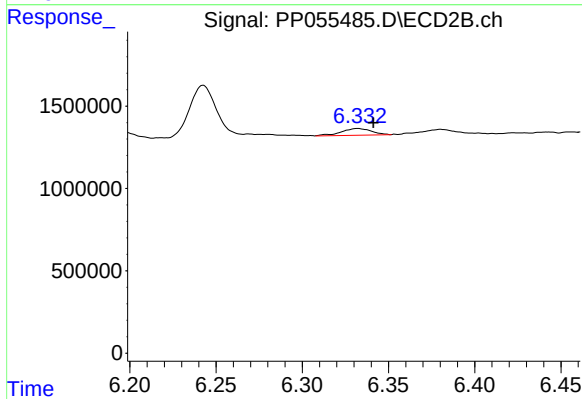
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: 0.006 min
Response: 2023989
Conc: 26.10 ng/ml



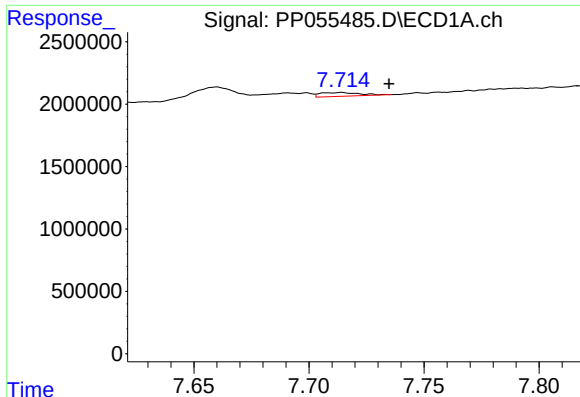
#32 AR-1260-2

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 2126253
Conc: 18.89 ng/ml



#32 AR-1260-2

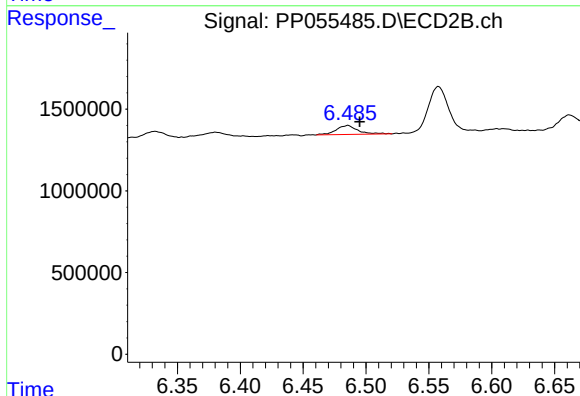
R.T.: 6.332 min
Delta R.T.: -0.009 min
Response: 492078
Conc: 5.47 ng/ml



#33 AR-1260-3

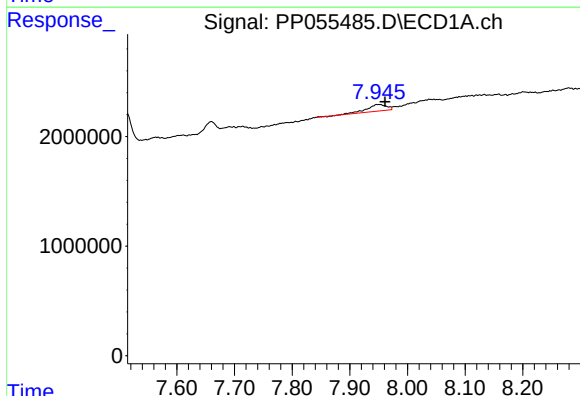
R.T.: 7.714 min
Delta R.T.: -0.021 min
Response: 361939
Conc: 4.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



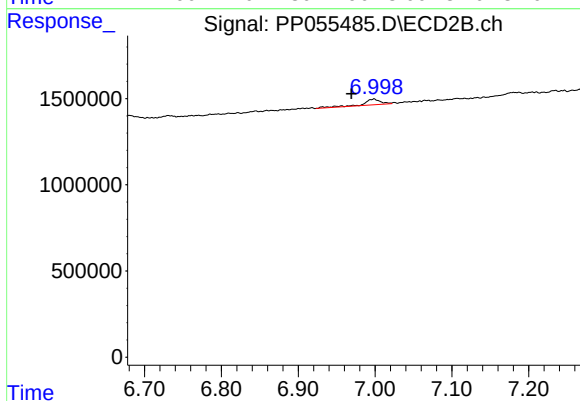
#33 AR-1260-3

R.T.: 6.486 min
Delta R.T.: -0.009 min
Response: 669858
Conc: 7.89 ng/ml



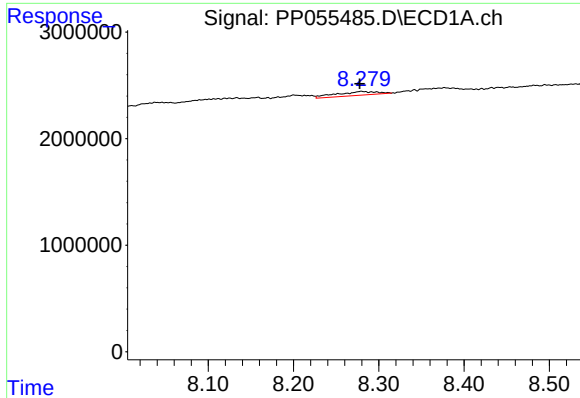
#34 AR-1260-4

R.T.: 7.947 min
Delta R.T.: -0.014 min
Response: 1447818
Conc: 14.91 ng/ml



#34 AR-1260-4

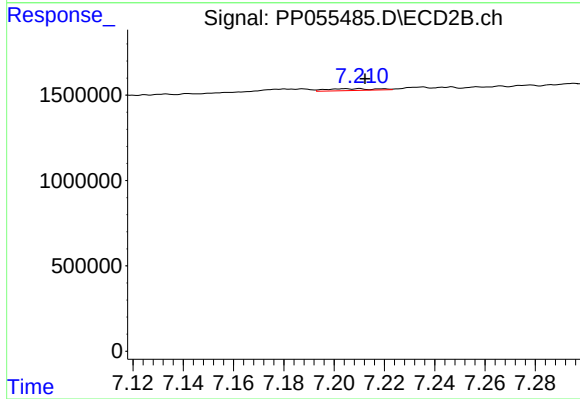
R.T.: 6.998 min
Delta R.T.: 0.029 min
Response: 520377
Conc: 7.27 ng/ml



#35 AR-1260-5

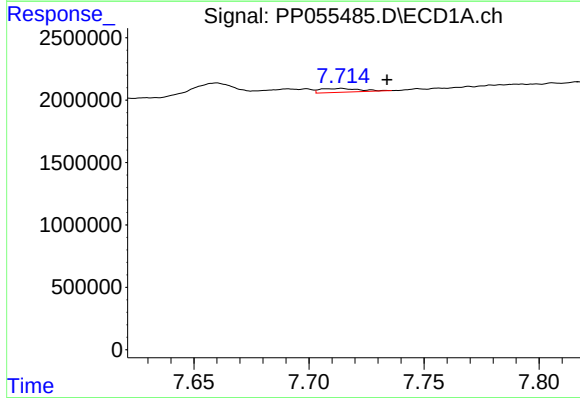
R.T.: 8.280 min
Delta R.T.: 0.002 min
Response: 1191582
Conc: 6.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



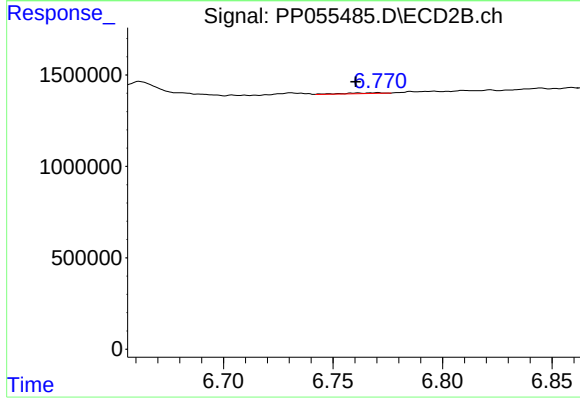
#35 AR-1260-5

R.T.: 7.210 min
Delta R.T.: -0.002 min
Response: 143895
Conc: 0.94 ng/ml



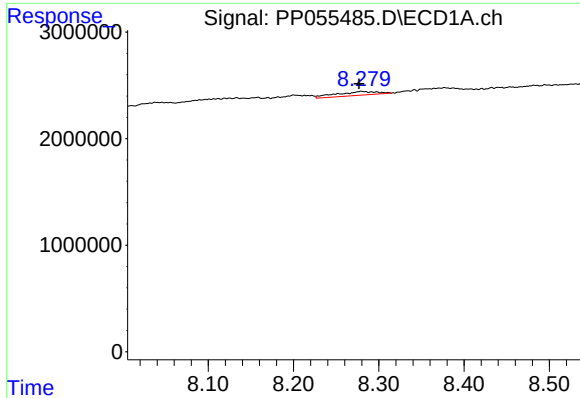
#36 AR-1262-1

R.T.: 7.714 min
Delta R.T.: -0.020 min
Response: 361939
Conc: 3.07 ng/ml



#36 AR-1262-1

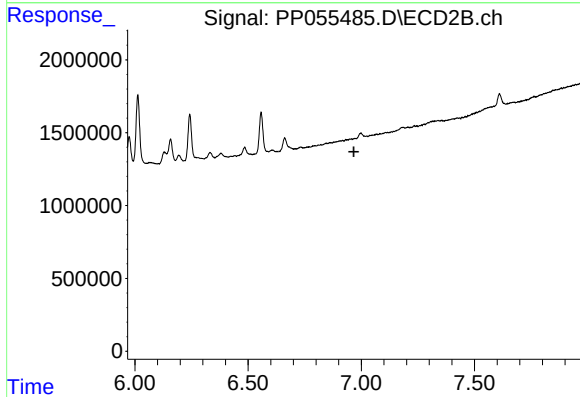
R.T.: 6.770 min
Delta R.T.: 0.010 min
Response: 54581
Conc: 1.27 ng/ml



#37 AR-1262-2

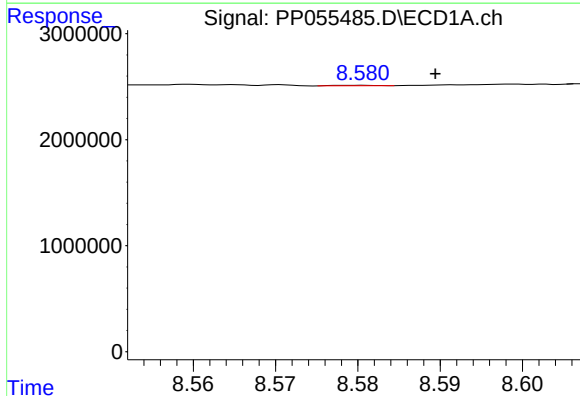
R.T.: 8.280 min
Delta R.T.: 0.003 min
Response: 1191582
Conc: 5.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



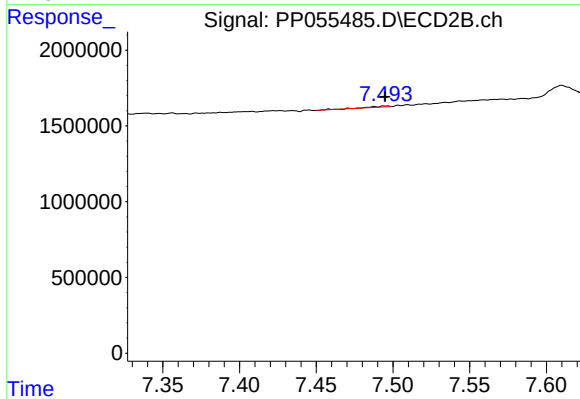
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



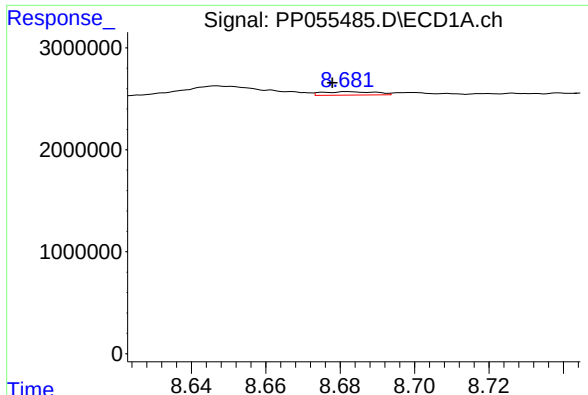
#38 AR-1262-3

R.T.: 8.580 min
Delta R.T.: -0.009 min
Response: 16233
Conc: 0.12 ng/ml



#38 AR-1262-3

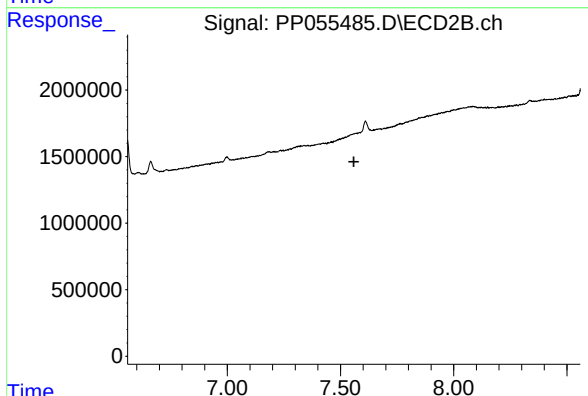
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 57210
Conc: 0.79 ng/ml



#39 AR-1262-4

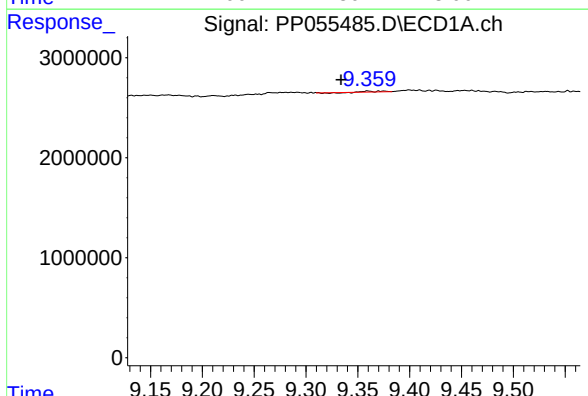
R.T.: 8.682 min
Delta R.T.: 0.004 min
Response: 328403
Conc: 4.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



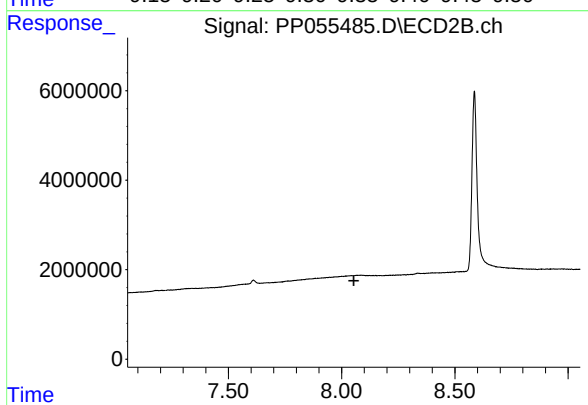
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.559 min
Response: 0
Conc: N.D.



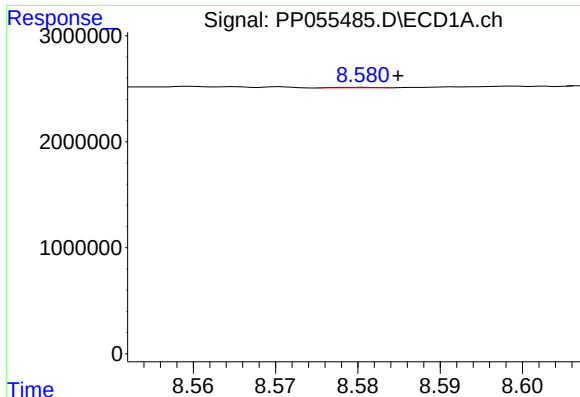
#40 AR-1262-5

R.T.: 9.360 min
Delta R.T.: 0.026 min
Response: 29019
Conc: 0.41 ng/ml



#40 AR-1262-5

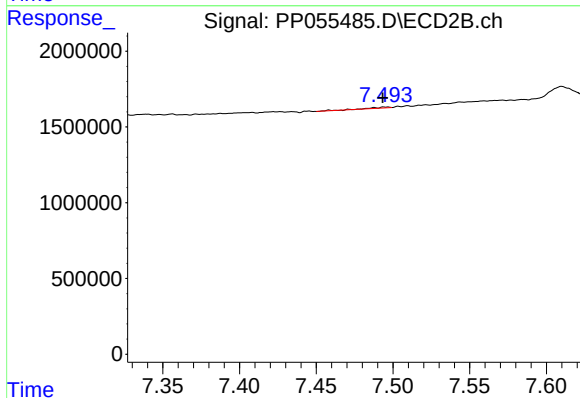
R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



#41 AR-1268-1

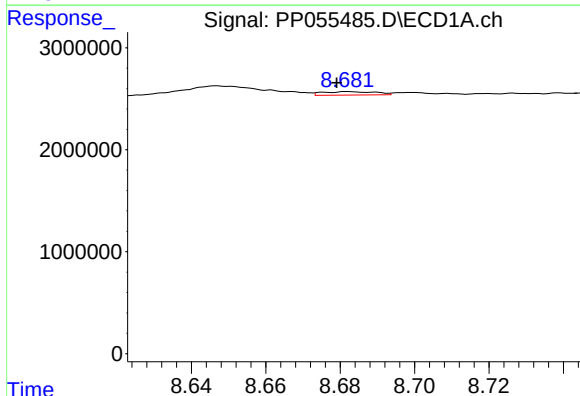
R.T.: 8.580 min
Delta R.T.: -0.005 min
Response: 16233
Conc: 0.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



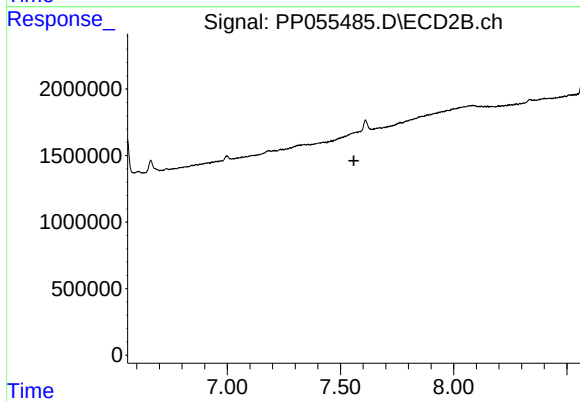
#41 AR-1268-1

R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 57210
Conc: 0.26 ng/ml



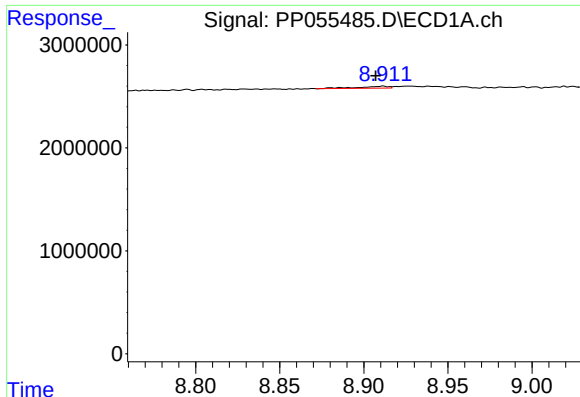
#42 AR-1268-2

R.T.: 8.682 min
Delta R.T.: 0.003 min
Response: 328403
Conc: 1.45 ng/ml



#42 AR-1268-2

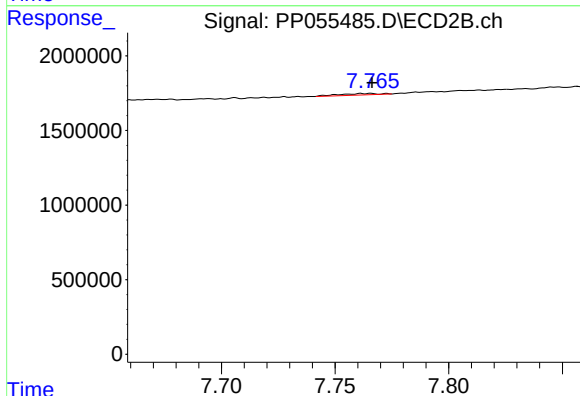
R.T.: 0.000 min
Exp R.T. : 7.559 min
Response: 0
Conc: N.D.



#43 AR-1268-3

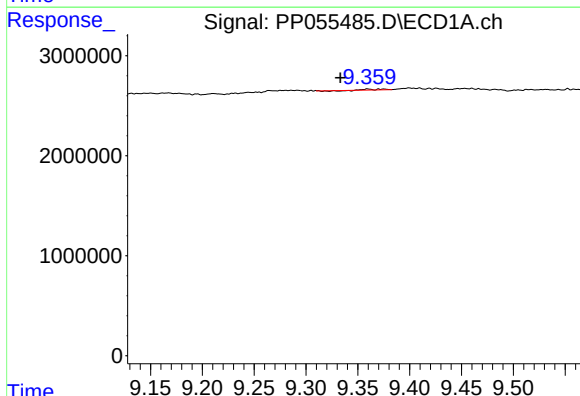
R.T.: 8.911 min
Delta R.T.: 0.004 min
Response: 234223
Conc: 1.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



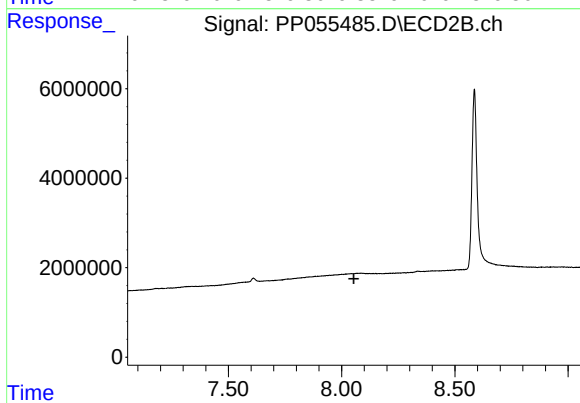
#43 AR-1268-3

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 118302
Conc: 0.69 ng/ml



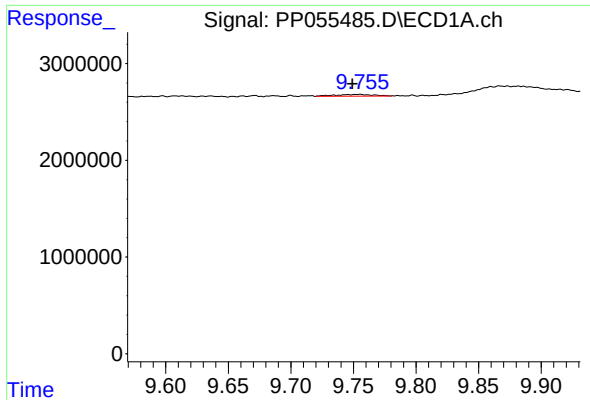
#44 AR-1268-4

R.T.: 9.360 min
Delta R.T.: 0.027 min
Response: 29019
Conc: 0.37 ng/ml



#44 AR-1268-4

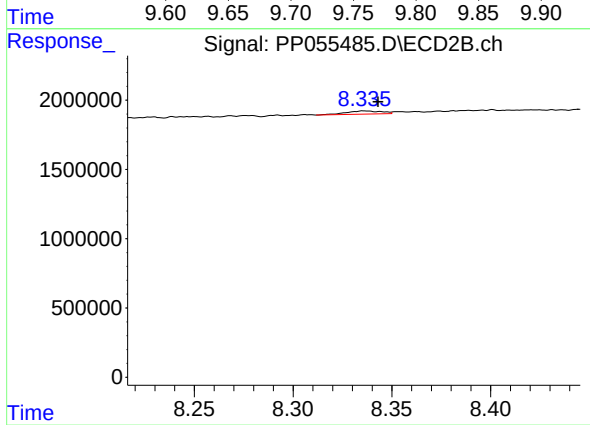
R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.755 min
Delta R.T.: 0.006 min
Response: 385466
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.007 min
Response: 284858
Conc: 0.54 ng/ml