

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081922\
 Data File : PP050717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2022 09:57
 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: Aug 20 03:51:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 09 11:38:04 2022
 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...	4.344	3.589	75818513	150.9E6	47.102	48.176
2)	SA Decachlor...	10.090	8.551	74617970	64281663	42.375	41.766
Target Compounds							
3)	L1 AR-1016-1	5.520	4.660	23802753	38627973	380.143	380.028
4)	L1 AR-1016-2	5.542	4.678	34081343	56703029	384.866	392.022
5)	L1 AR-1016-3	5.605	4.853	20046691	29433893	366.797	387.884
6)	L1 AR-1016-4	5.704	4.894	17682950	22093416	383.461	379.182
7)	L1 AR-1016-5	5.998	5.106	17647247	29086211	394.970	380.680
8)	L2 AR-1221-1	4.551	3.798	2373340	4444433	120.124	116.279
9)	L2 AR-1221-2	4.645	3.884	3533536	6720093	237.957	235.334
10)	L2 AR-1221-3	4.721	3.958	11901375	23317363	264.525	272.365
11)	L3 AR-1232-1	4.721	3.958	11901375	23317363	318.374	334.014
12)	L3 AR-1232-2	5.250	4.678	16253674	56703029	897.462	881.977
13)	L3 AR-1232-3	5.542	4.853	34081343	29433893	865.546	877.572
14)	L3 AR-1232-4	5.704	4.936	17682950	28010017	873.971	950.785
15)	L3 AR-1232-5	5.792	5.106	14374883	29086211	919.485	883.258
16)	L4 AR-1242-1	5.520	4.660	23802753	38627973	469.650	465.960
17)	L4 AR-1242-2	5.542	4.678	34081343	56703029	471.782	485.555
18)	L4 AR-1242-3	5.605	4.853	20046691	29433893	453.305	480.000
19)	L4 AR-1242-4	5.704	4.936	17682950	28010017	474.529	478.480
20)	L4 AR-1242-5	6.443	5.455	19395732	33414825	459.599	480.721
21)	L5 AR-1248-1	5.520	4.660	23802753	38627973	589.508	577.965
22)	L5 AR-1248-2	5.792	4.894	14374883	22093416	257.309	255.758
23)	L5 AR-1248-3	5.998	4.936	17647247	28010017	275.869	308.973
24)	L5 AR-1248-4	6.405	5.106	19129713	29086211	241.833	275.964
25)	L5 AR-1248-5	6.443	5.496	19395732	27789129	255.496	279.882
26)	L6 AR-1254-1	6.376	5.455	14080513	33414825	190.315	235.115
27)	L6 AR-1254-2	6.603	5.601	16464943	8323667	141.729	70.334 #
28)	L6 AR-1254-3	6.965	6.003	6459511	10063923	52.129	58.487
29)	L6 AR-1254-4	7.253	6.230	5523304	9064757	56.450	85.916 #
30)	L6 AR-1254-5	7.673	6.646	1715058	2130542	17.095	16.001
31)	L7 AR-1260-1	7.128	6.146	848450	4037805	9.290	35.633 #
32)	L7 AR-1260-2	7.381	6.318	1312482	1336836	11.488	9.951
33)	L7 AR-1260-3	7.732	6.469	306131	1159323	3.595	9.624 #
34)	L7 AR-1260-4	7.965	0.000	1145426	0	12.033	N.D. #
35)	L7 AR-1260-5	8.295	7.162f	257950	265085	1.380	1.360
36)	L8 AR-1262-1	7.732	0.000	306131	0	2.556	N.D. #
37)	L8 AR-1262-2	8.295	0.000	257950	0	1.194	N.D. #
38)	L8 AR-1262-3	8.626f	0.000	571371	0	5.815	N.D. #
39)	L8 AR-1262-4	0.000	7.532	0	317673	N.D.	2.304 #
40)	L8 AR-1262-5	9.344	0.000	946955	0	11.996	N.D. #
41)	L9 AR-1268-1	8.626f	0.000	571371	0	2.250	N.D. #

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 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

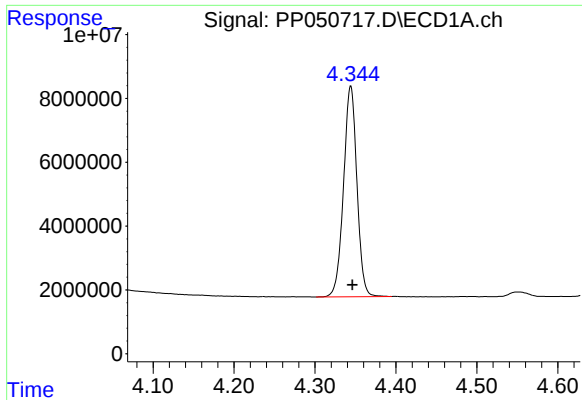
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	0.000	7.532	0	317673	N.D.	1.595 #
43) L9	AR-1268-3	8.921	7.735	359875	640857	1.812	3.786 #
44) L9	AR-1268-4	9.344	0.000	946955	0	10.987	N.D. #
45) L9	AR-1268-5	9.774f	8.304	3803960	692183	5.704	1.257 #

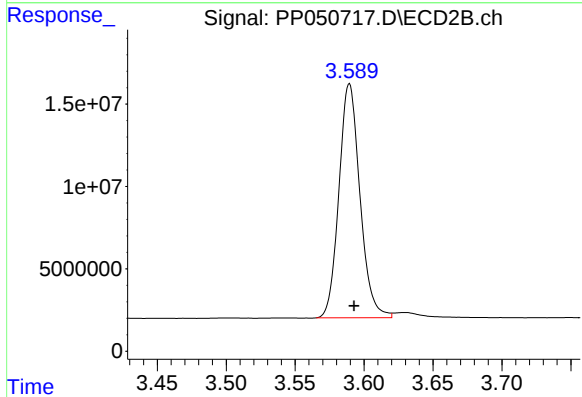
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

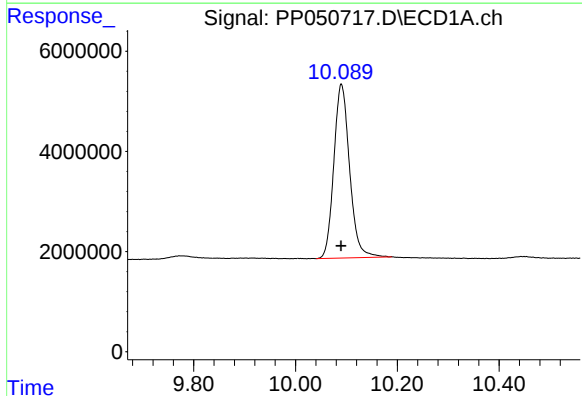
R.T.: 4.344 min
Delta R.T.: -0.002 min
Response: 75818513
Conc: 47.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



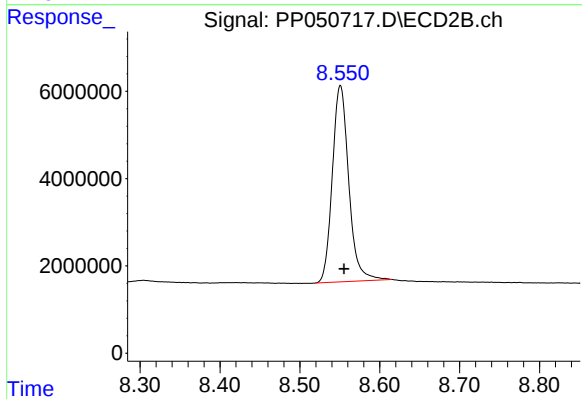
#1 Tetrachloro-m-xylene

R.T.: 3.589 min
Delta R.T.: -0.003 min
Response: 150898006
Conc: 48.18 ng/ml



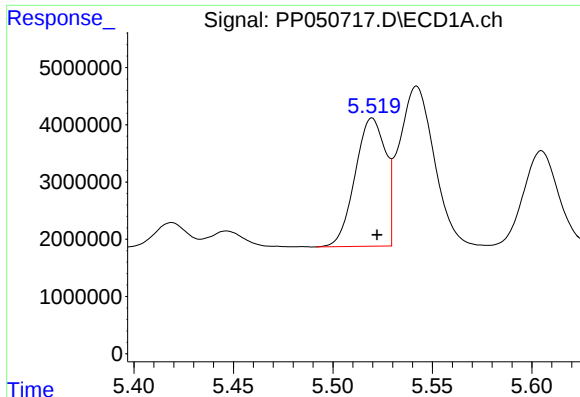
#2 Decachlorobiphenyl

R.T.: 10.090 min
Delta R.T.: 0.000 min
Response: 74617970
Conc: 42.37 ng/ml



#2 Decachlorobiphenyl

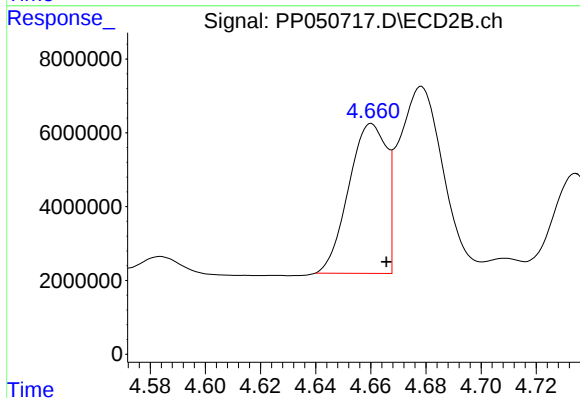
R.T.: 8.551 min
Delta R.T.: -0.004 min
Response: 64281663
Conc: 41.77 ng/ml



#3 AR-1016-1

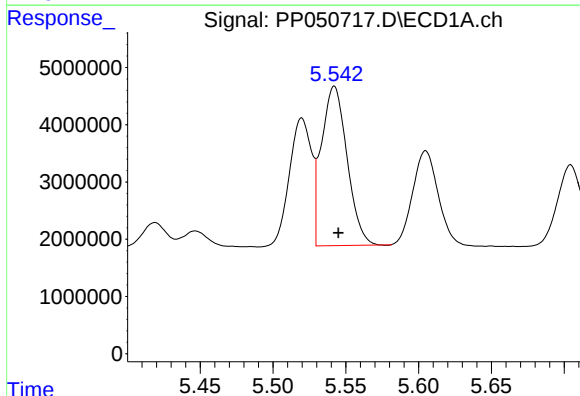
R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 23802753
Conc: 380.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



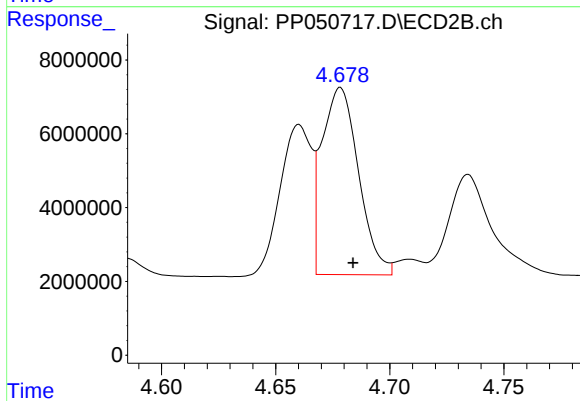
#3 AR-1016-1

R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 38627973
Conc: 380.03 ng/ml



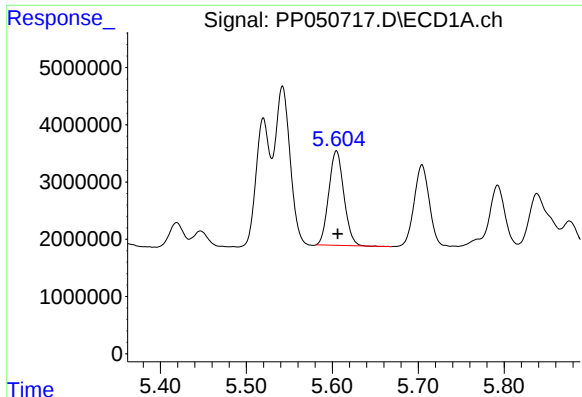
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 34081343
Conc: 384.87 ng/ml



#4 AR-1016-2

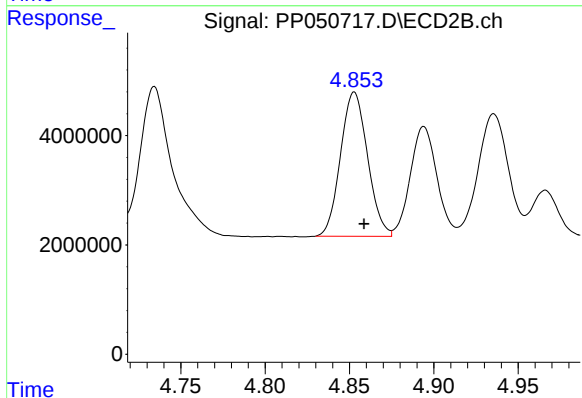
R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 56703029
Conc: 392.02 ng/ml



#5 AR-1016-3

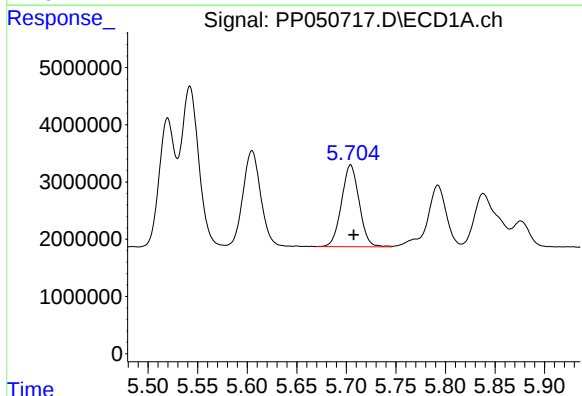
R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 20046691
Conc: 366.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



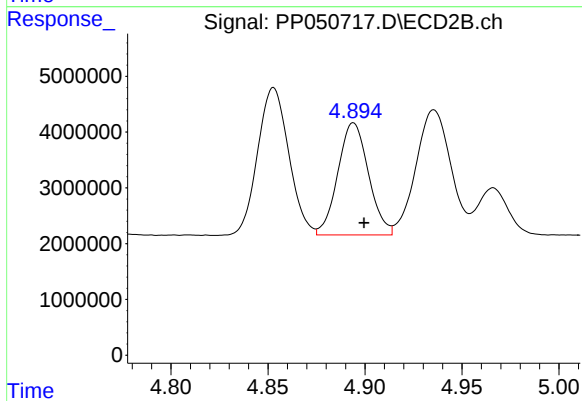
#5 AR-1016-3

R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 29433893
Conc: 387.88 ng/ml



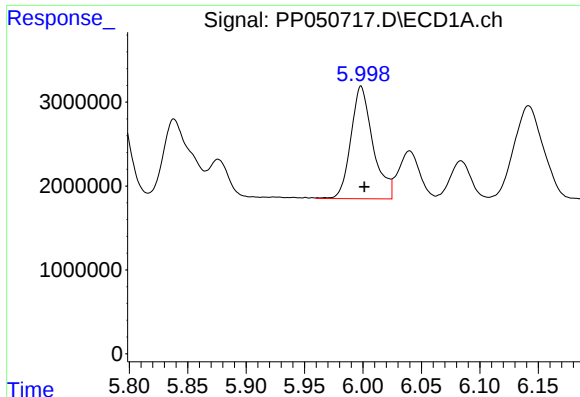
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 17682950
Conc: 383.46 ng/ml



#6 AR-1016-4

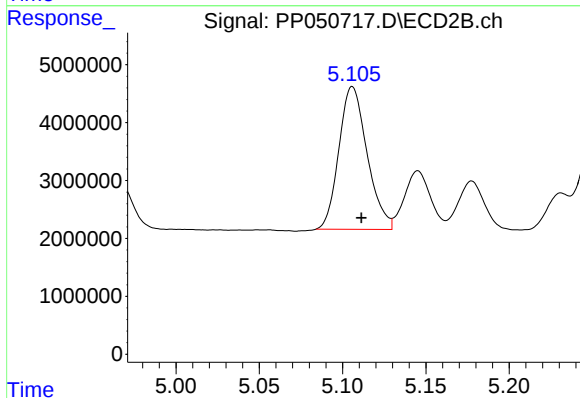
R.T.: 4.894 min
Delta R.T.: -0.005 min
Response: 22093416
Conc: 379.18 ng/ml



#7 AR-1016-5

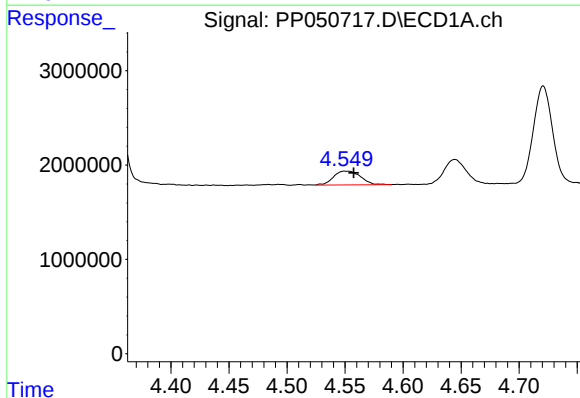
R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 17647247
Conc: 394.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



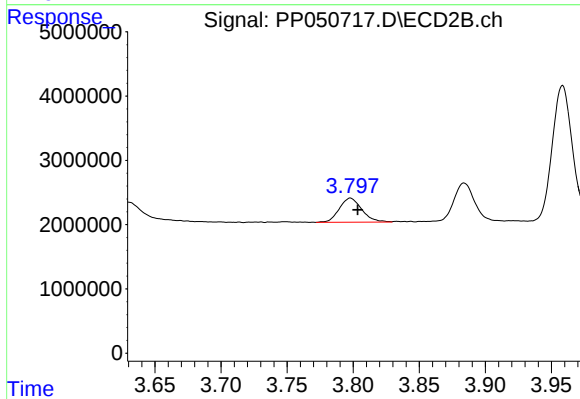
#7 AR-1016-5

R.T.: 5.106 min
Delta R.T.: -0.005 min
Response: 29086211
Conc: 380.68 ng/ml



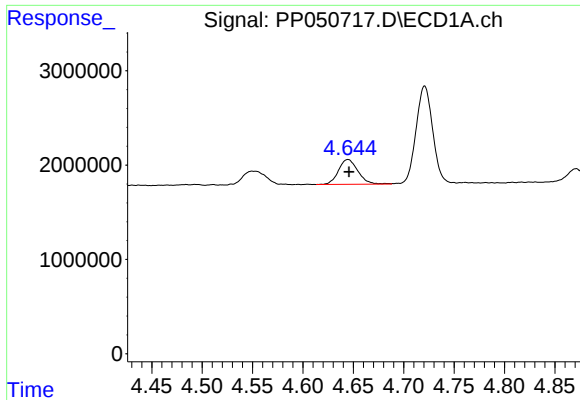
#8 AR-1221-1

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 2373340
Conc: 120.12 ng/ml



#8 AR-1221-1

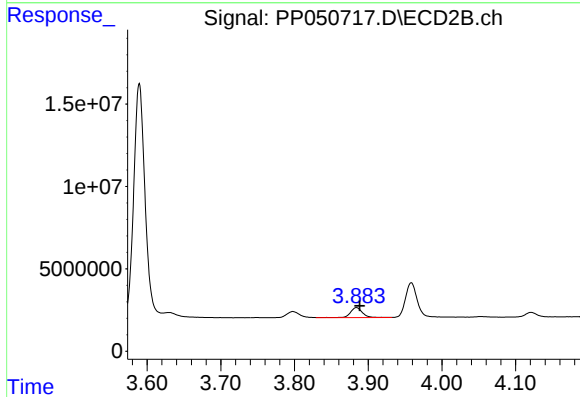
R.T.: 3.798 min
Delta R.T.: -0.005 min
Response: 4444433
Conc: 116.28 ng/ml



#9 AR-1221-2

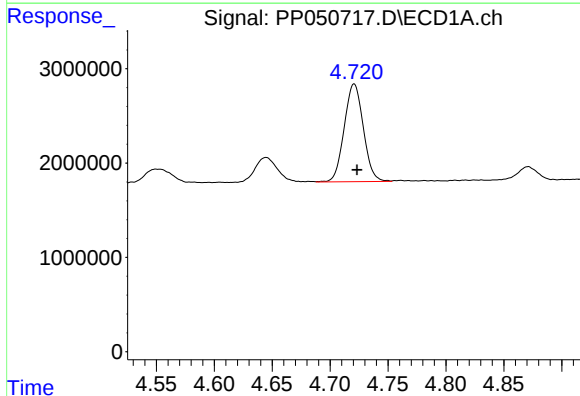
R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 3533536
Conc: 237.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



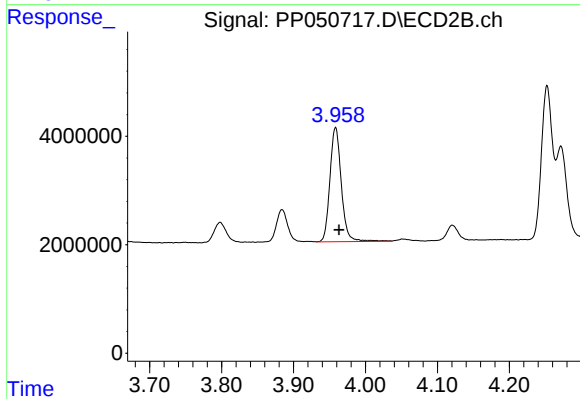
#9 AR-1221-2

R.T.: 3.884 min
Delta R.T.: -0.004 min
Response: 6720093
Conc: 235.33 ng/ml



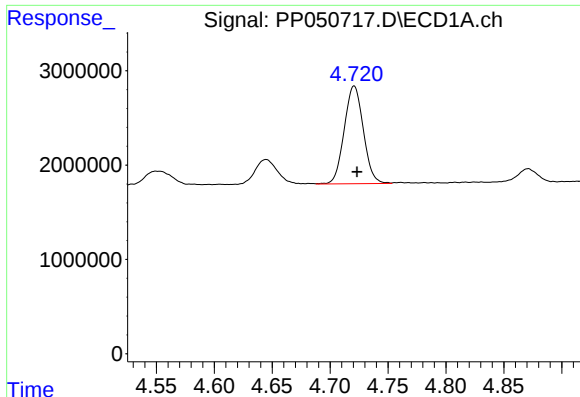
#10 AR-1221-3

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 11901375
Conc: 264.53 ng/ml



#10 AR-1221-3

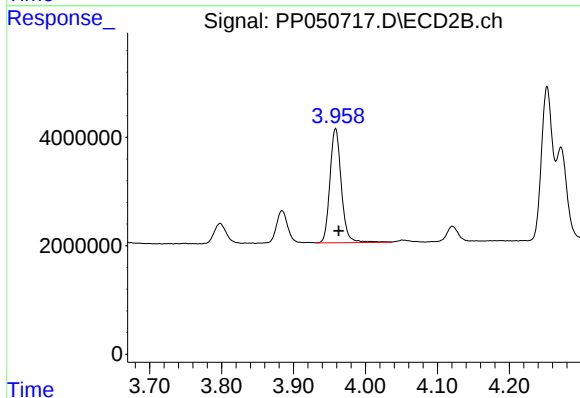
R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 23317363
Conc: 272.36 ng/ml



#11 AR-1232-1

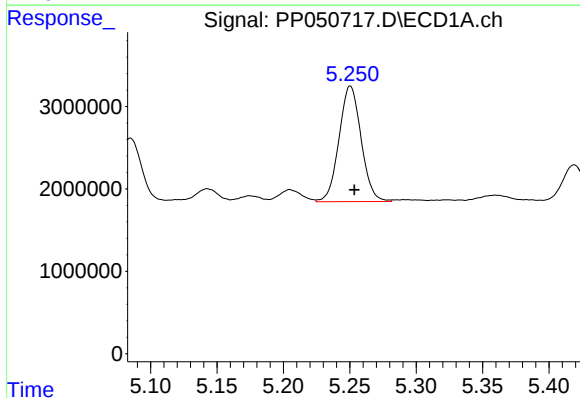
R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 11901375
Conc: 318.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



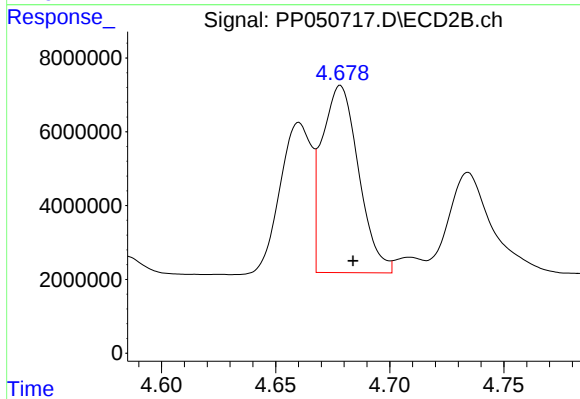
#11 AR-1232-1

R.T.: 3.958 min
Delta R.T.: -0.004 min
Response: 23317363
Conc: 334.01 ng/ml



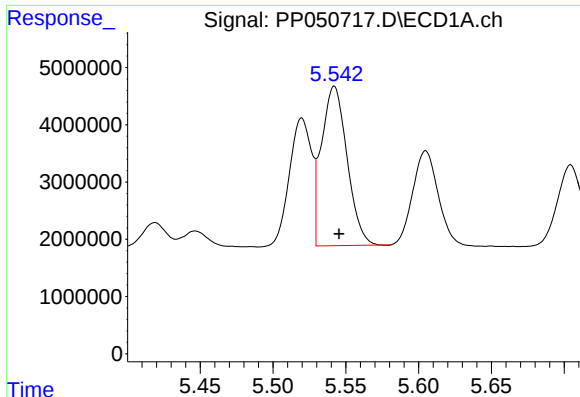
#12 AR-1232-2

R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 16253674
Conc: 897.46 ng/ml



#12 AR-1232-2

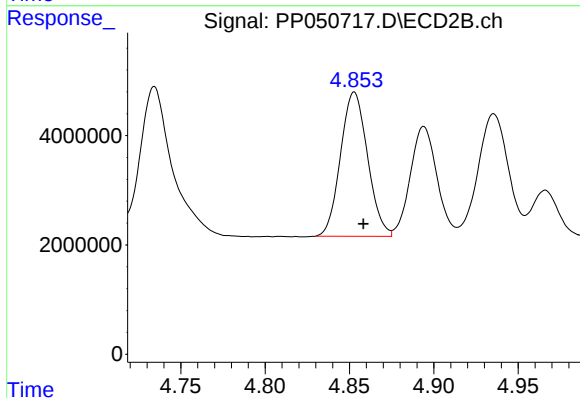
R.T.: 4.678 min
Delta R.T.: -0.006 min
Response: 56703029
Conc: 881.98 ng/ml



#13 AR-1232-3

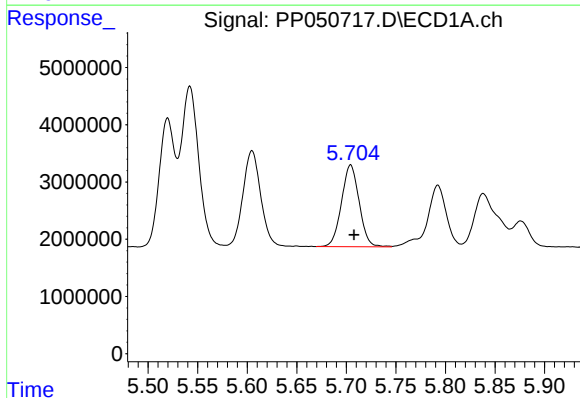
R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 34081343
Conc: 865.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



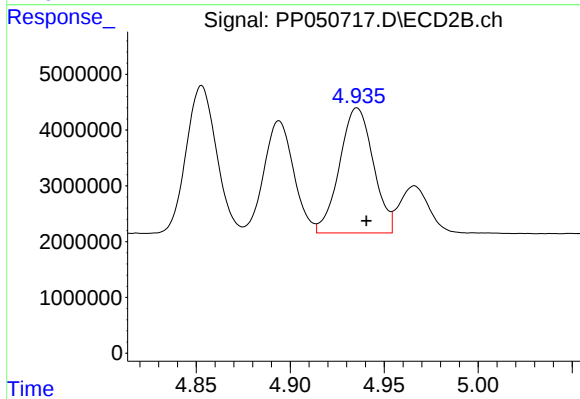
#13 AR-1232-3

R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 29433893
Conc: 877.57 ng/ml



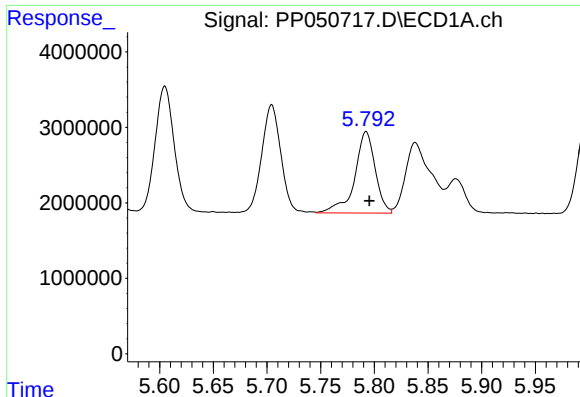
#14 AR-1232-4

R.T.: 5.704 min
Delta R.T.: -0.004 min
Response: 17682950
Conc: 873.97 ng/ml



#14 AR-1232-4

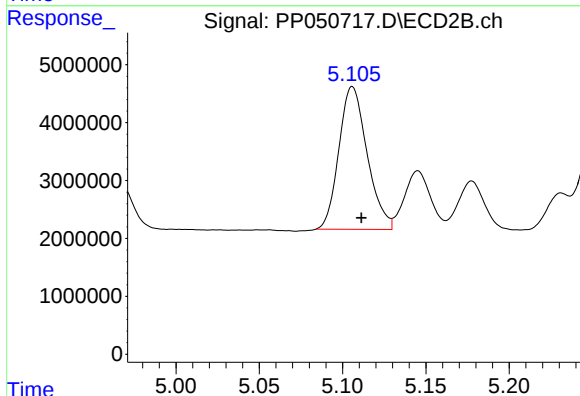
R.T.: 4.936 min
Delta R.T.: -0.005 min
Response: 28010017
Conc: 950.79 ng/ml



#15 AR-1232-5

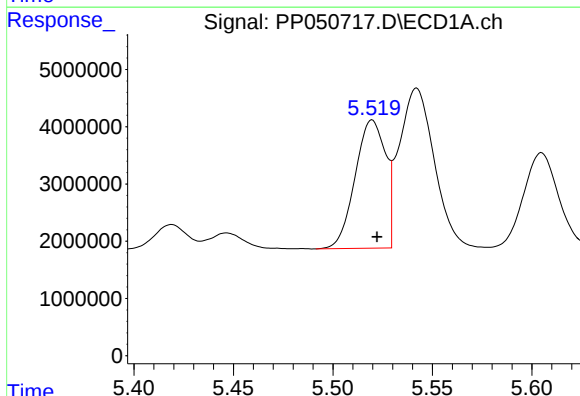
R.T.: 5.792 min
Delta R.T.: -0.003 min
Response: 14374883
Conc: 919.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



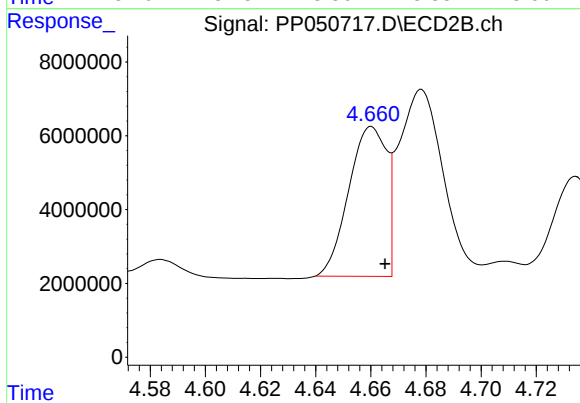
#15 AR-1232-5

R.T.: 5.106 min
Delta R.T.: -0.005 min
Response: 29086211
Conc: 883.26 ng/ml



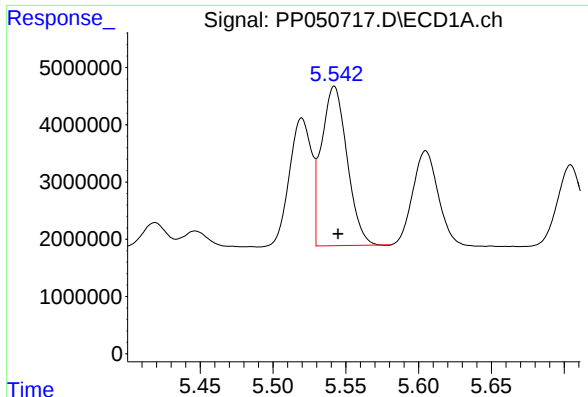
#16 AR-1242-1

R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 23802753
Conc: 469.65 ng/ml



#16 AR-1242-1

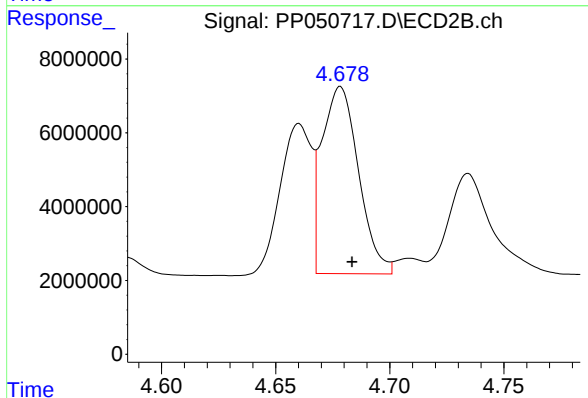
R.T.: 4.660 min
Delta R.T.: -0.005 min
Response: 38627973
Conc: 465.96 ng/ml



#17 AR-1242-2

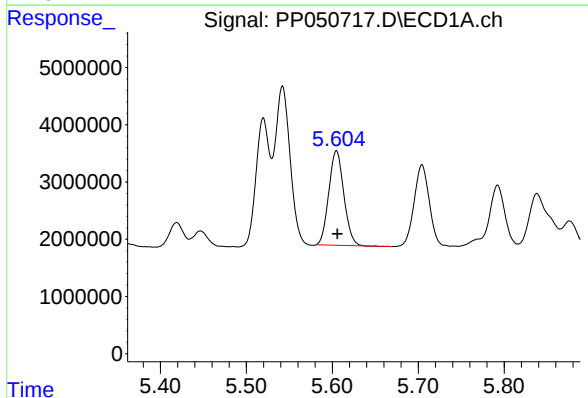
R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 34081343
Conc: 471.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



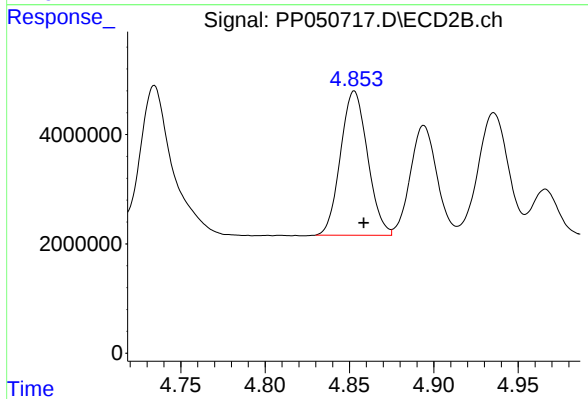
#17 AR-1242-2

R.T.: 4.678 min
Delta R.T.: -0.005 min
Response: 56703029
Conc: 485.56 ng/ml



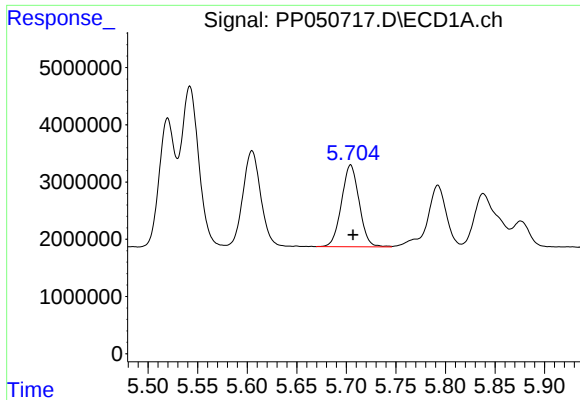
#18 AR-1242-3

R.T.: 5.605 min
Delta R.T.: -0.001 min
Response: 20046691
Conc: 453.31 ng/ml



#18 AR-1242-3

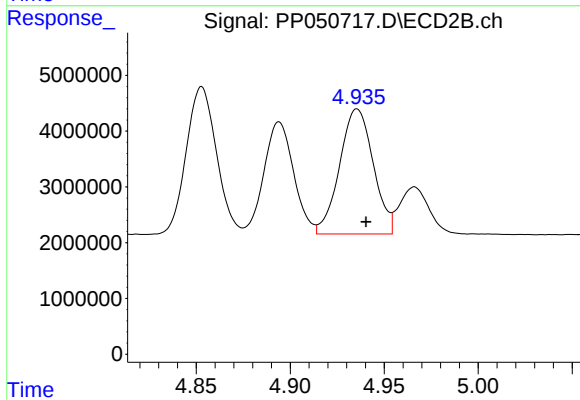
R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 29433893
Conc: 480.00 ng/ml



#19 AR-1242-4

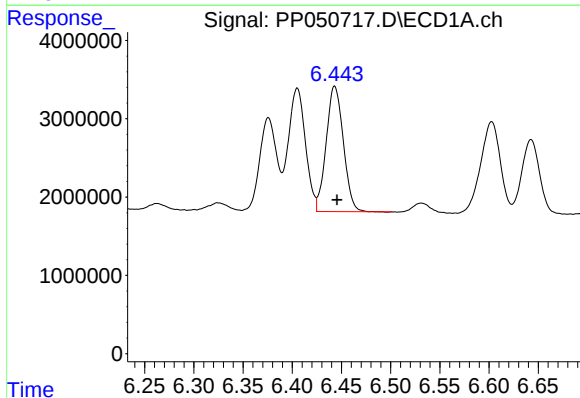
R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 17682950
Conc: 474.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



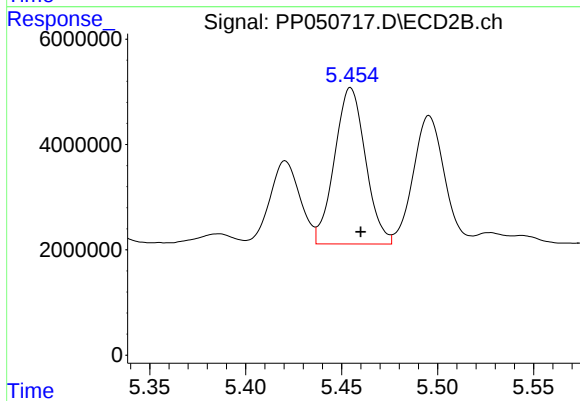
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: -0.005 min
Response: 28010017
Conc: 478.48 ng/ml



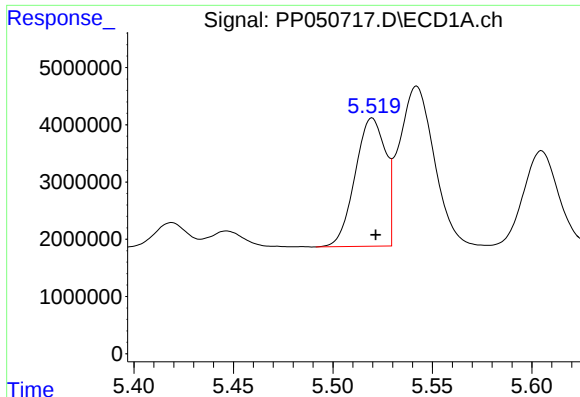
#20 AR-1242-5

R.T.: 6.443 min
Delta R.T.: -0.002 min
Response: 19395732
Conc: 459.60 ng/ml



#20 AR-1242-5

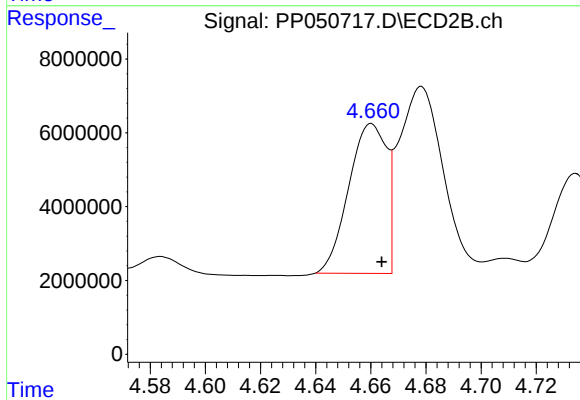
R.T.: 5.455 min
Delta R.T.: -0.005 min
Response: 33414825
Conc: 480.72 ng/ml



#21 AR-1248-1

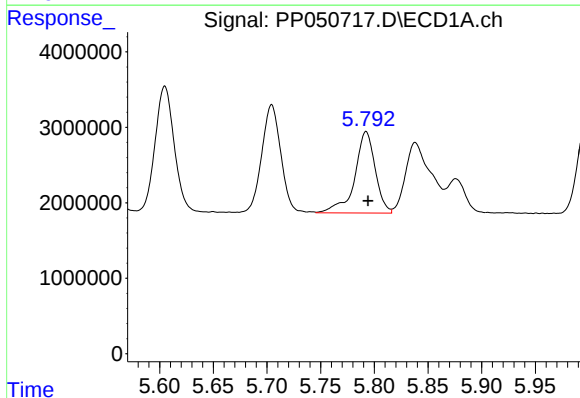
R.T.: 5.520 min
Delta R.T.: -0.002 min
Response: 23802753
Conc: 589.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



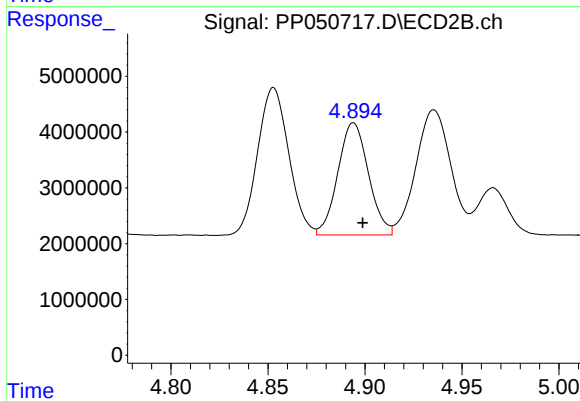
#21 AR-1248-1

R.T.: 4.660 min
Delta R.T.: -0.004 min
Response: 38627973
Conc: 577.97 ng/ml



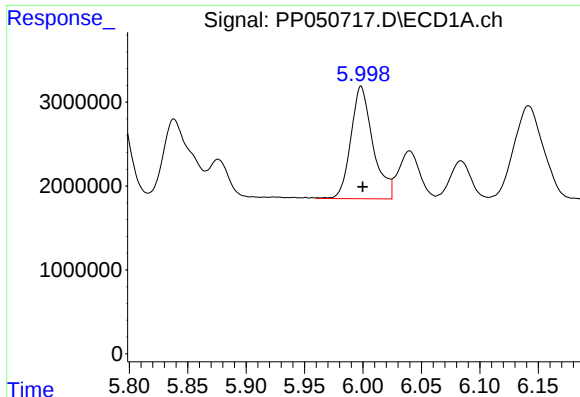
#22 AR-1248-2

R.T.: 5.792 min
Delta R.T.: -0.002 min
Response: 14374883
Conc: 257.31 ng/ml



#22 AR-1248-2

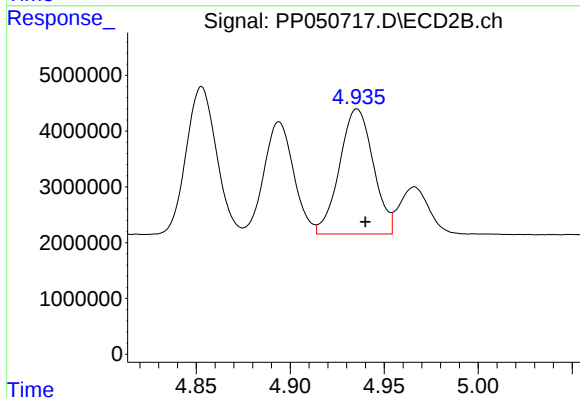
R.T.: 4.894 min
Delta R.T.: -0.005 min
Response: 22093416
Conc: 255.76 ng/ml



#23 AR-1248-3

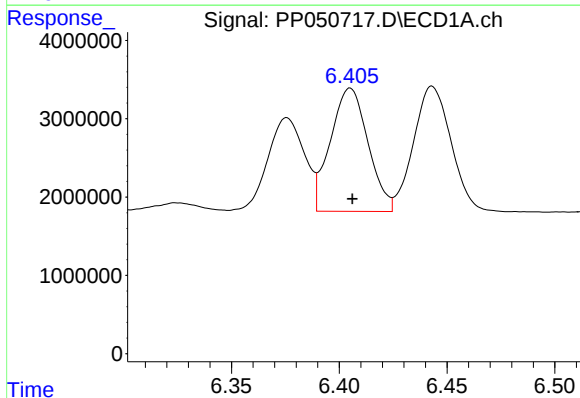
R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 17647247
Conc: 275.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



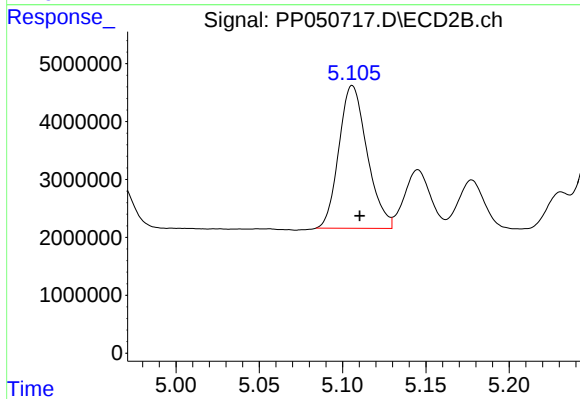
#23 AR-1248-3

R.T.: 4.936 min
Delta R.T.: -0.004 min
Response: 28010017
Conc: 308.97 ng/ml



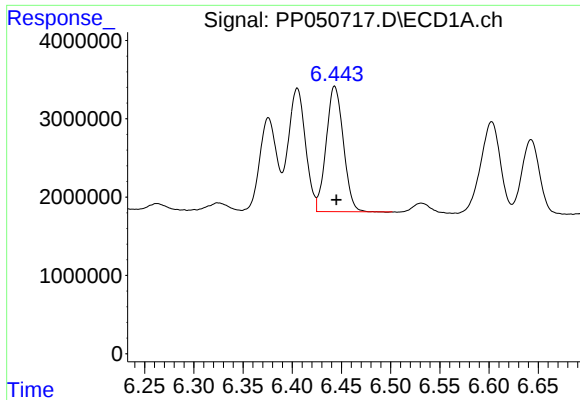
#24 AR-1248-4

R.T.: 6.405 min
Delta R.T.: -0.001 min
Response: 19129713
Conc: 241.83 ng/ml



#24 AR-1248-4

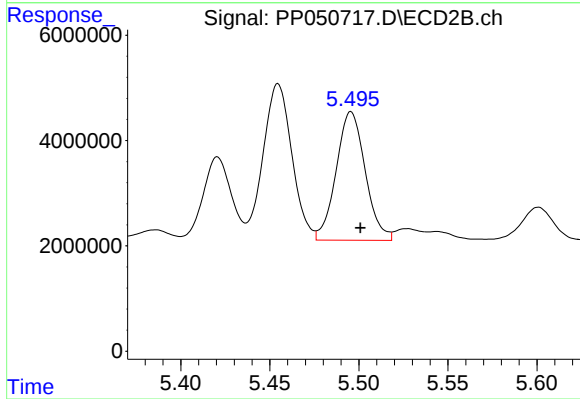
R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 29086211
Conc: 275.96 ng/ml



#25 AR-1248-5

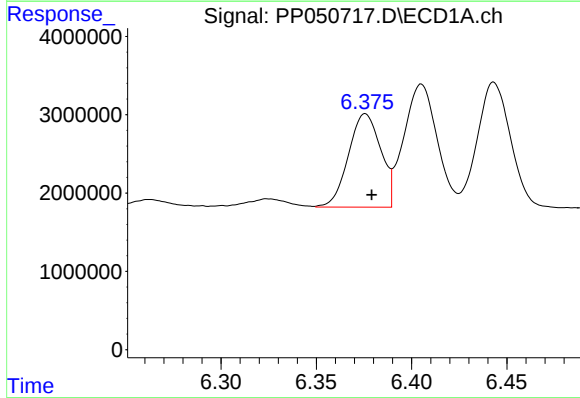
R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 19395732
Conc: 255.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



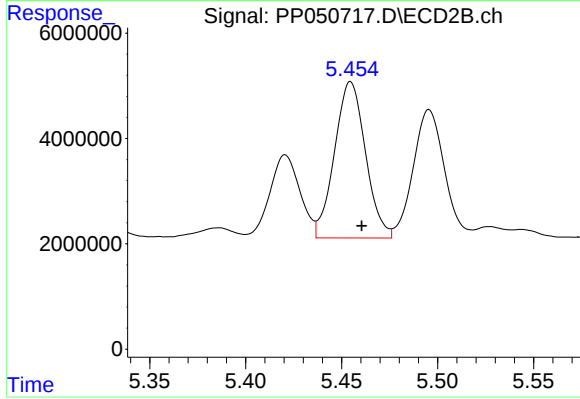
#25 AR-1248-5

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 27789129
Conc: 279.88 ng/ml



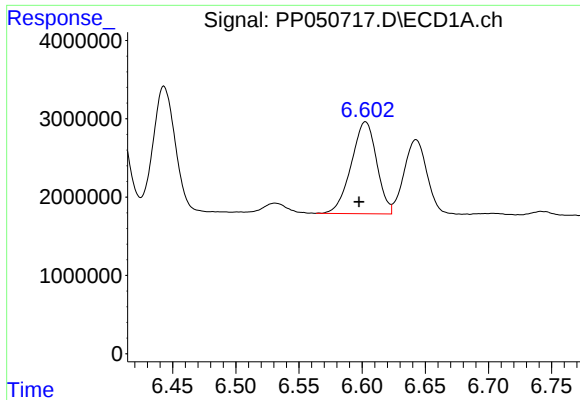
#26 AR-1254-1

R.T.: 6.376 min
Delta R.T.: -0.003 min
Response: 14080513
Conc: 190.32 ng/ml



#26 AR-1254-1

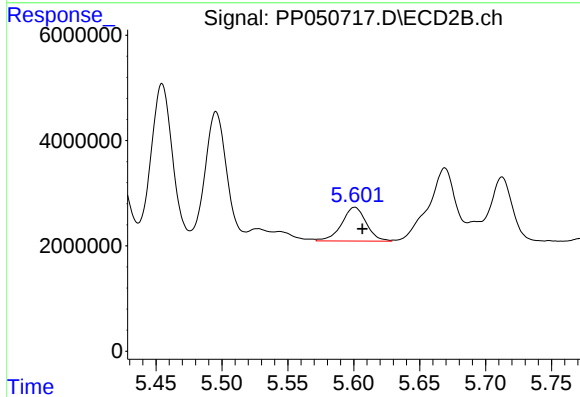
R.T.: 5.455 min
Delta R.T.: -0.006 min
Response: 33414825
Conc: 235.11 ng/ml



#27 AR-1254-2

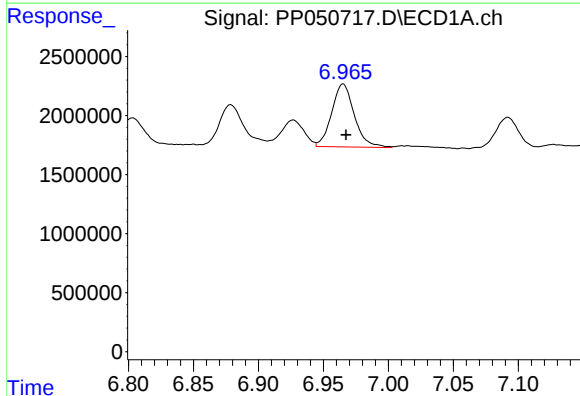
R.T.: 6.603 min
Delta R.T.: 0.005 min
Response: 16464943
Conc: 141.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



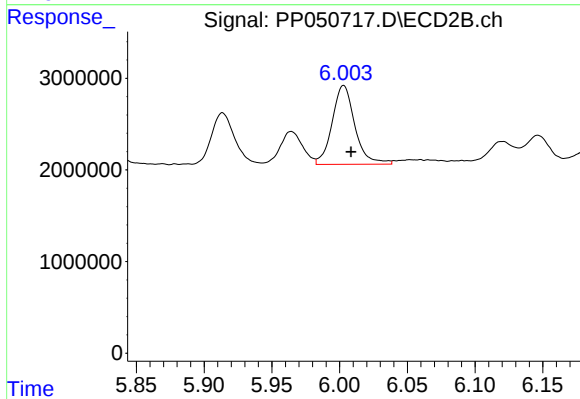
#27 AR-1254-2

R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 8323667
Conc: 70.33 ng/ml



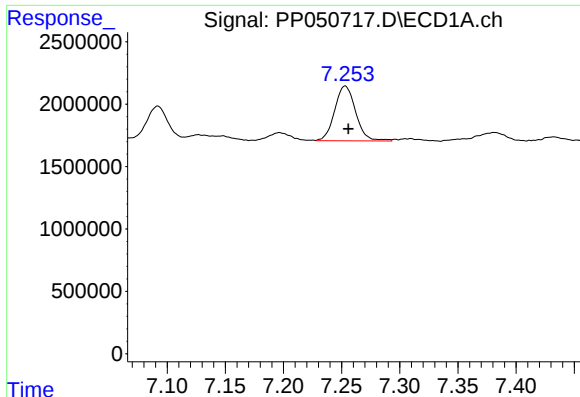
#28 AR-1254-3

R.T.: 6.965 min
Delta R.T.: -0.002 min
Response: 6459511
Conc: 52.13 ng/ml



#28 AR-1254-3

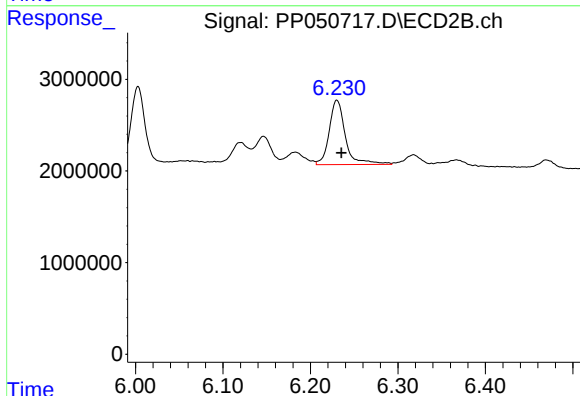
R.T.: 6.003 min
Delta R.T.: -0.005 min
Response: 10063923
Conc: 58.49 ng/ml



#29 AR-1254-4

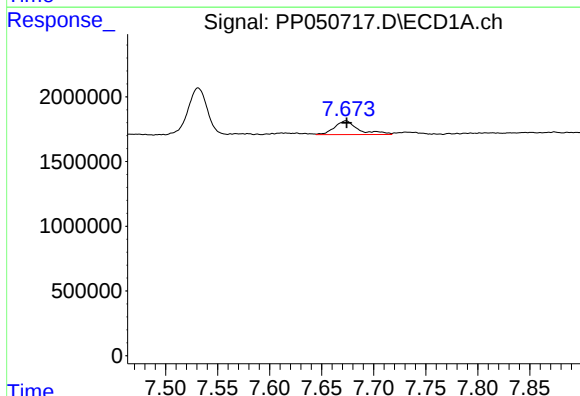
R.T.: 7.253 min
Delta R.T.: -0.003 min
Response: 5523304
Conc: 56.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



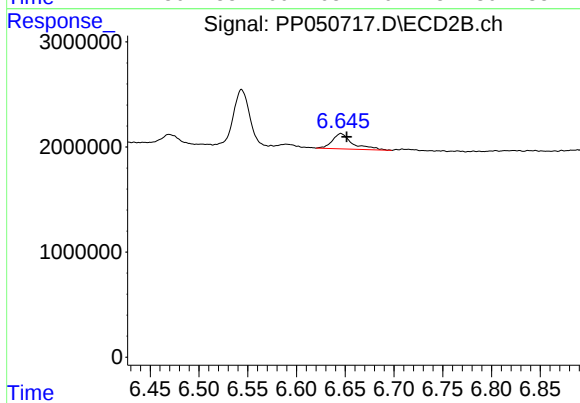
#29 AR-1254-4

R.T.: 6.230 min
Delta R.T.: -0.005 min
Response: 9064757
Conc: 85.92 ng/ml



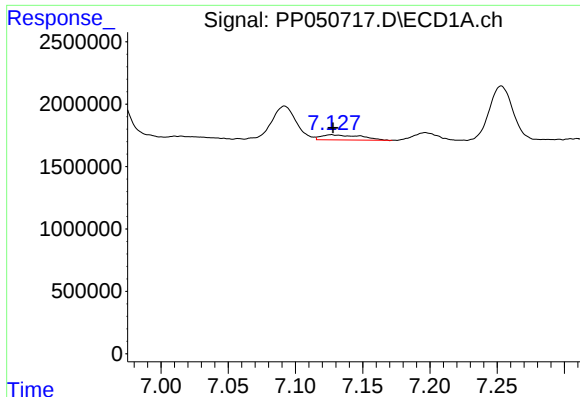
#30 AR-1254-5

R.T.: 7.673 min
Delta R.T.: -0.001 min
Response: 1715058
Conc: 17.10 ng/ml



#30 AR-1254-5

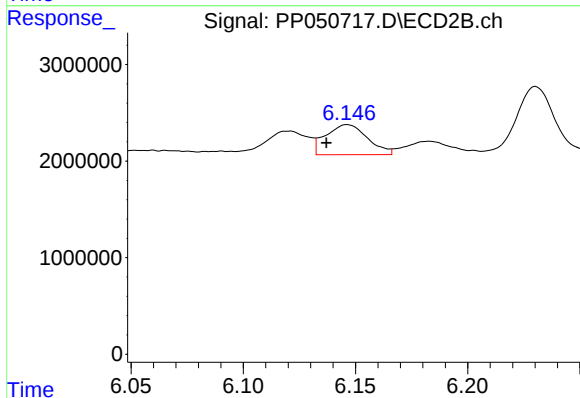
R.T.: 6.646 min
Delta R.T.: -0.006 min
Response: 2130542
Conc: 16.00 ng/ml



#31 AR-1260-1

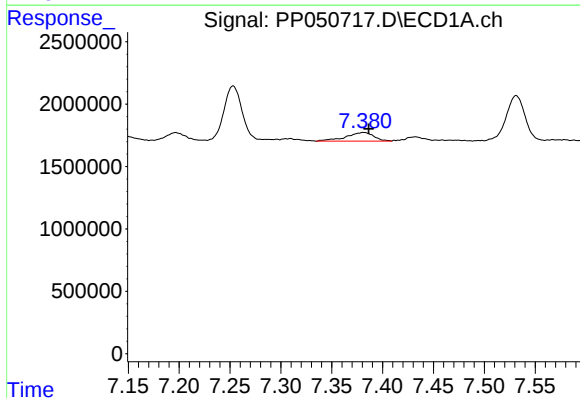
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 848450
Conc: 9.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



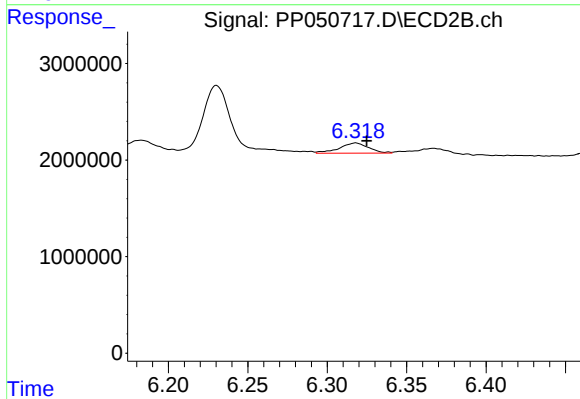
#31 AR-1260-1

R.T.: 6.146 min
Delta R.T.: 0.009 min
Response: 4037805
Conc: 35.63 ng/ml



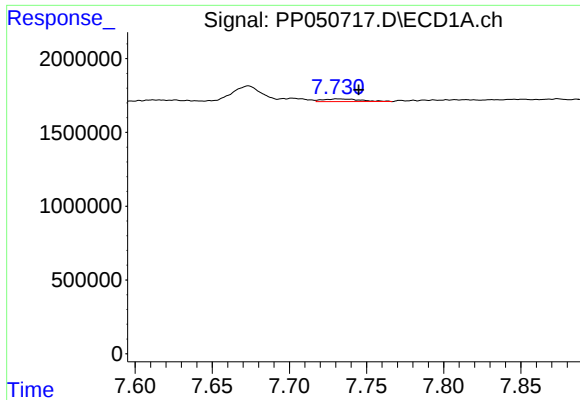
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: -0.005 min
Response: 1312482
Conc: 11.49 ng/ml



#32 AR-1260-2

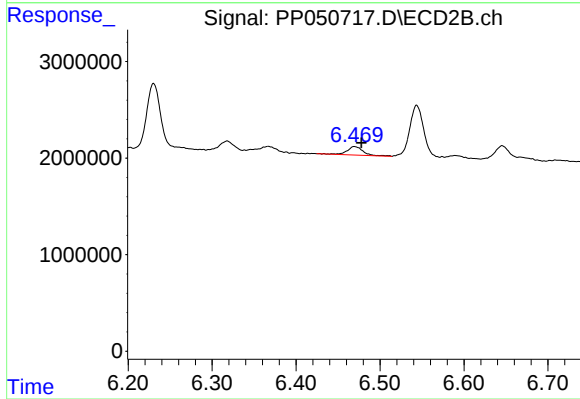
R.T.: 6.318 min
Delta R.T.: -0.007 min
Response: 1336836
Conc: 9.95 ng/ml



#33 AR-1260-3

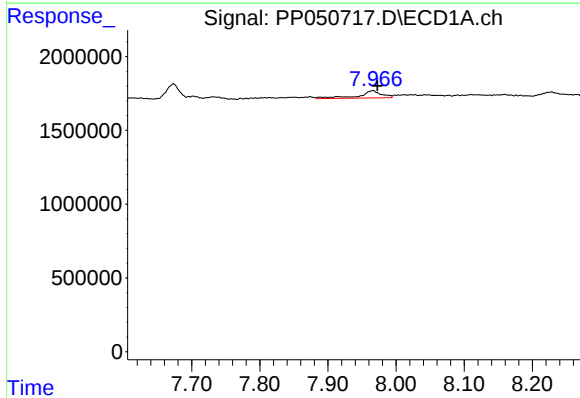
R.T.: 7.732 min
Delta R.T.: -0.012 min
Response: 306131
Conc: 3.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



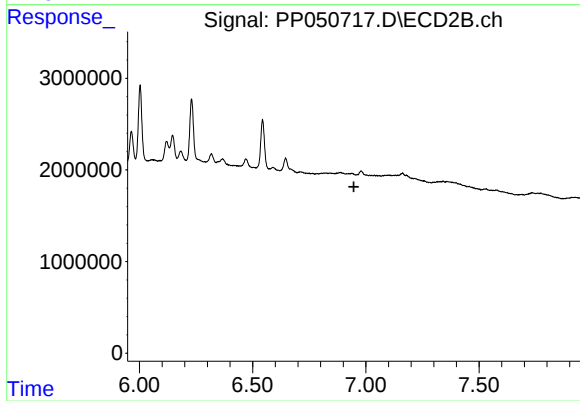
#33 AR-1260-3

R.T.: 6.469 min
Delta R.T.: -0.008 min
Response: 1159323
Conc: 9.62 ng/ml



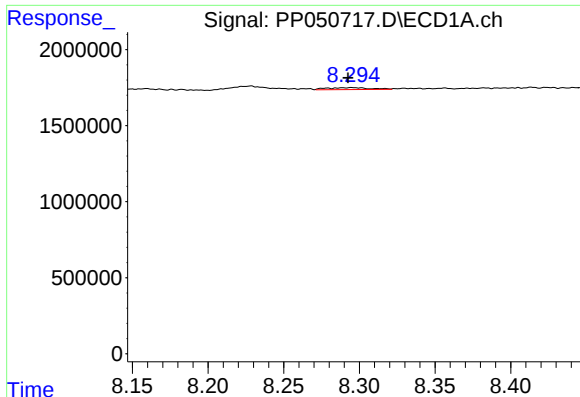
#34 AR-1260-4

R.T.: 7.965 min
Delta R.T.: -0.007 min
Response: 1145426
Conc: 12.03 ng/ml



#34 AR-1260-4

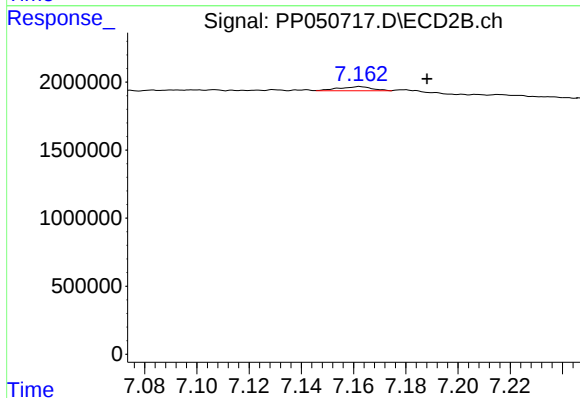
R.T.: 0.000 min
Exp R.T. : 6.947 min
Response: 0
Conc: N.D.



#35 AR-1260-5

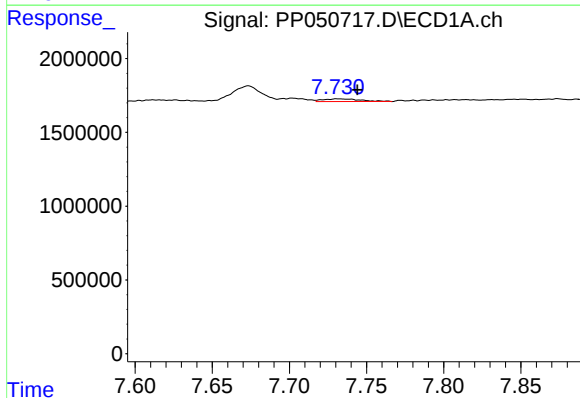
R.T.: 8.295 min
Delta R.T.: 0.003 min
Response: 257950
Conc: 1.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



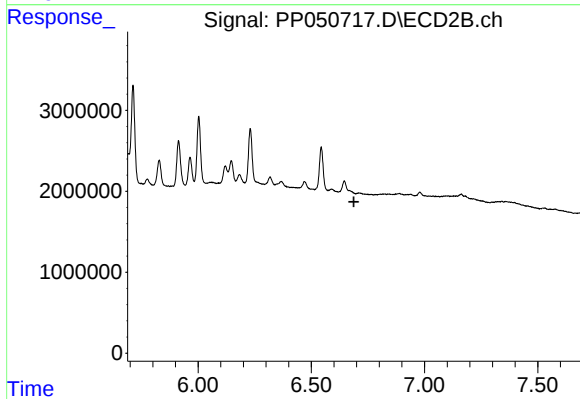
#35 AR-1260-5

R.T.: 7.162 min
Delta R.T.: -0.026 min
Response: 265085
Conc: 1.36 ng/ml



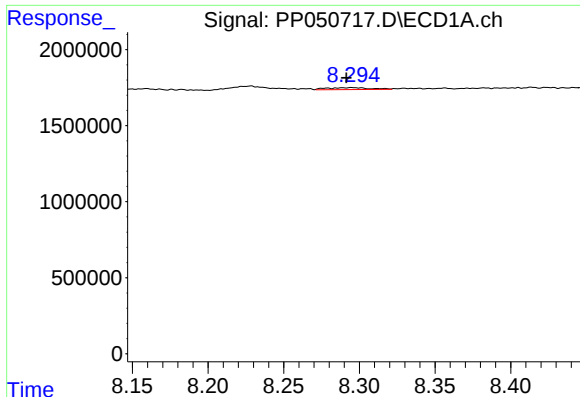
#36 AR-1262-1

R.T.: 7.732 min
Delta R.T.: -0.012 min
Response: 306131
Conc: 2.56 ng/ml



#36 AR-1262-1

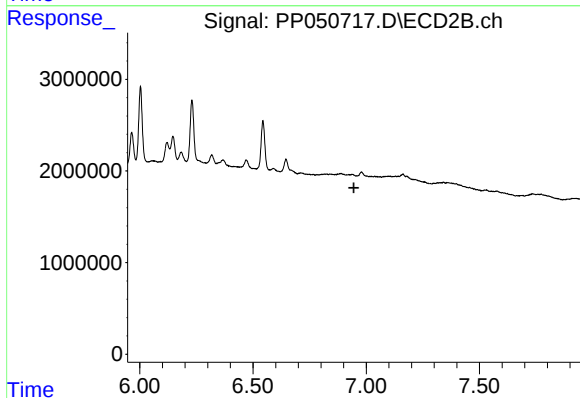
R.T.: 0.000 min
Exp R.T. : 6.688 min
Response: 0
Conc: N.D.



#37 AR-1262-2

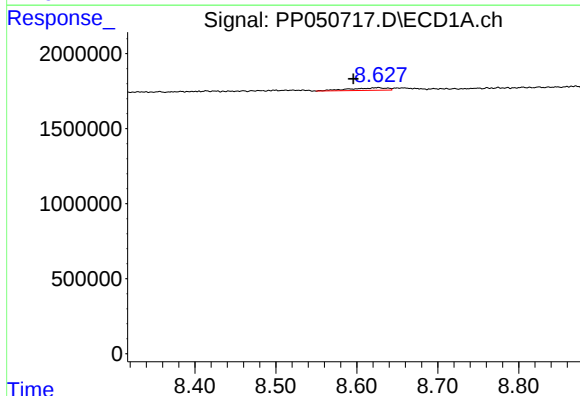
R.T.: 8.295 min
Delta R.T.: 0.003 min
Response: 257950
Conc: 1.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



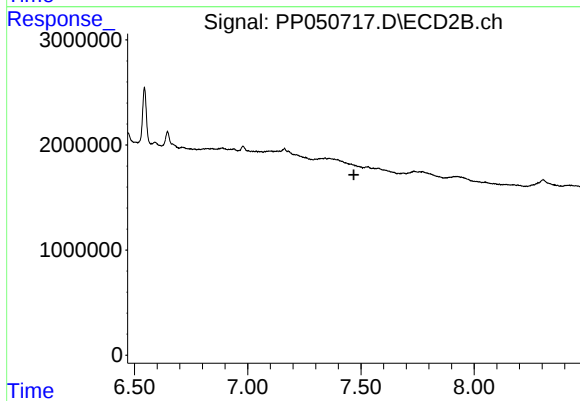
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.945 min
Response: 0
Conc: N.D.



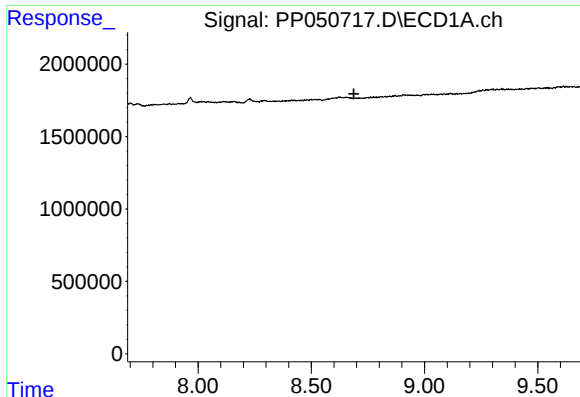
#38 AR-1262-3

R.T.: 8.626 min
Delta R.T.: 0.030 min
Response: 571371
Conc: 5.81 ng/ml



#38 AR-1262-3

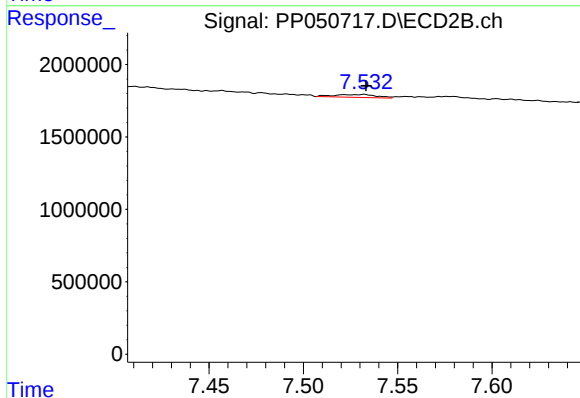
R.T.: 0.000 min
Exp R.T. : 7.469 min
Response: 0
Conc: N.D.



#39 AR-1262-4

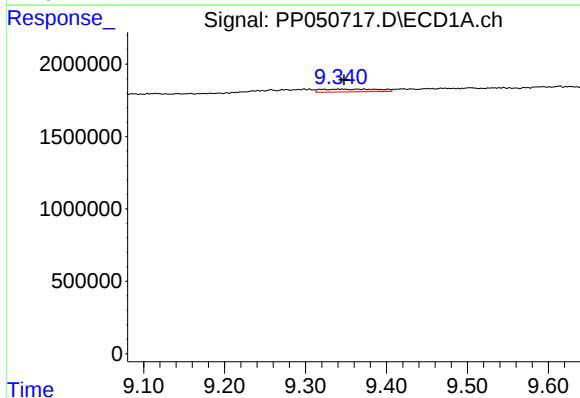
R.T.: 0.000 min
Exp R.T.: 8.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



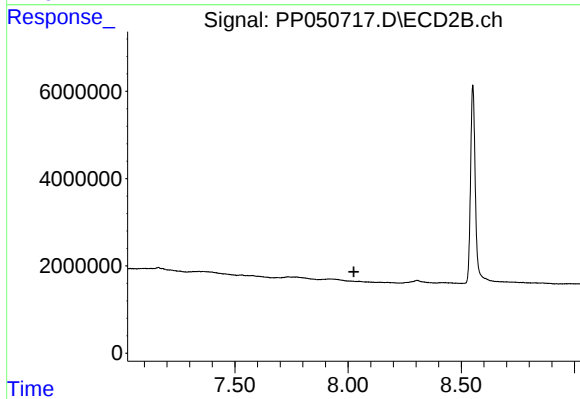
#39 AR-1262-4

R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 317673
Conc: 2.30 ng/ml



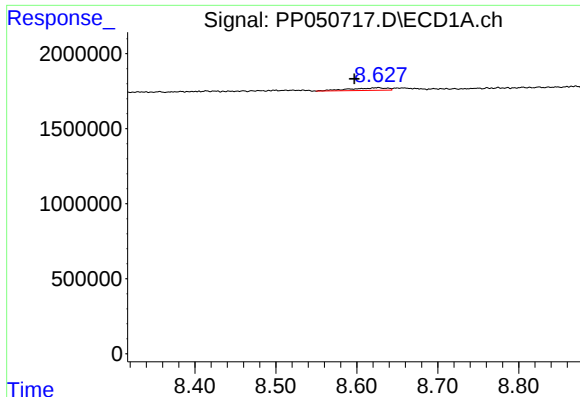
#40 AR-1262-5

R.T.: 9.344 min
Delta R.T.: -0.003 min
Response: 946955
Conc: 12.00 ng/ml



#40 AR-1262-5

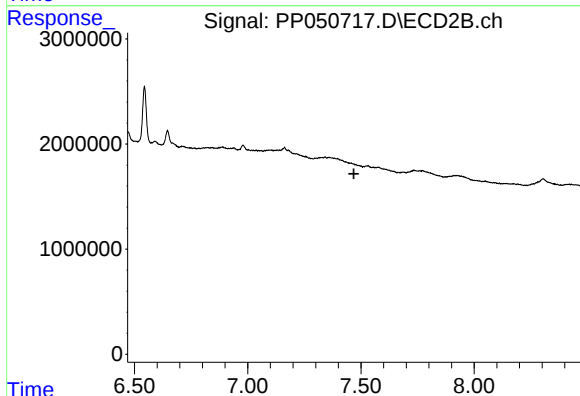
R.T.: 0.000 min
Exp R.T.: 8.026 min
Response: 0
Conc: N.D.



#41 AR-1268-1

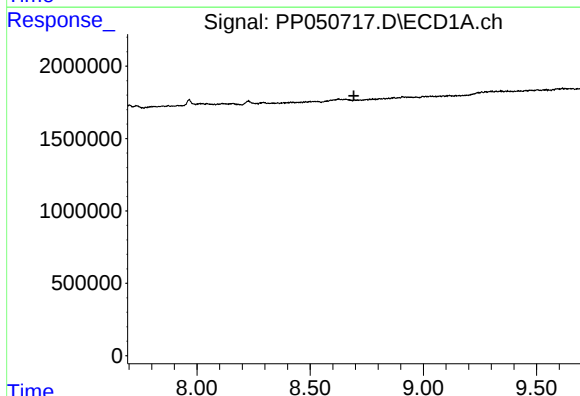
R.T.: 8.626 min
Delta R.T.: 0.029 min
Response: 571371
Conc: 2.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



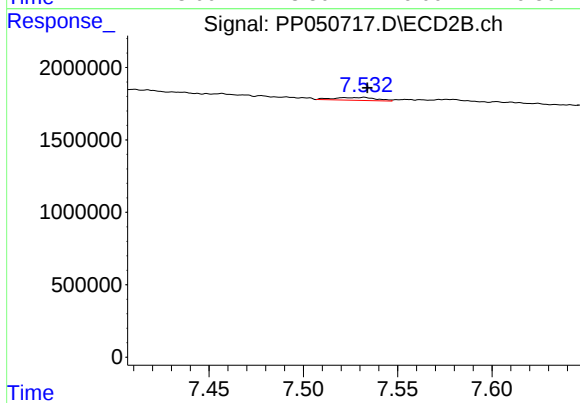
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.469 min
Response: 0
Conc: N.D.



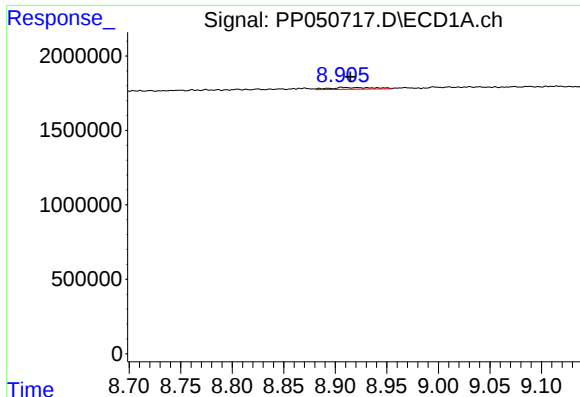
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.693 min
Response: 0
Conc: N.D.



#42 AR-1268-2

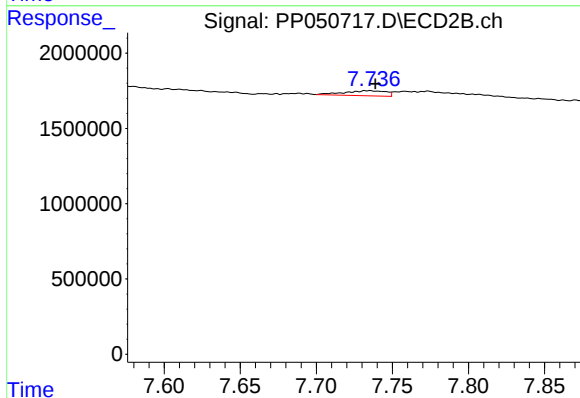
R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 317673
Conc: 1.59 ng/ml



#43 AR-1268-3

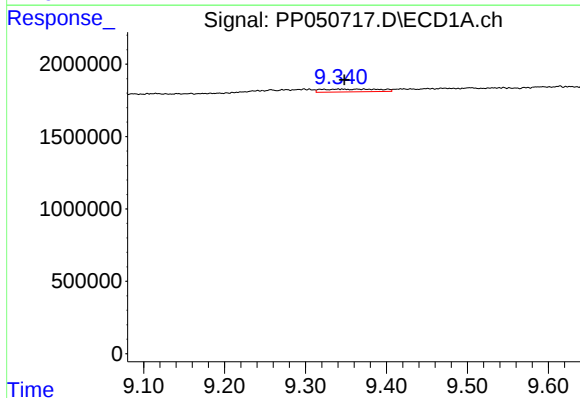
R.T.: 8.921 min
Delta R.T.: 0.007 min
Response: 359875
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



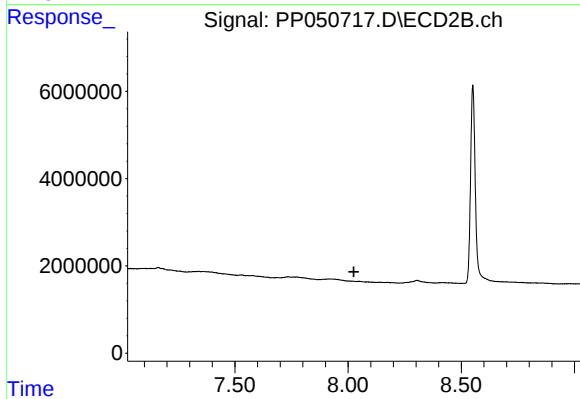
#43 AR-1268-3

R.T.: 7.735 min
Delta R.T.: -0.004 min
Response: 640857
Conc: 3.79 ng/ml



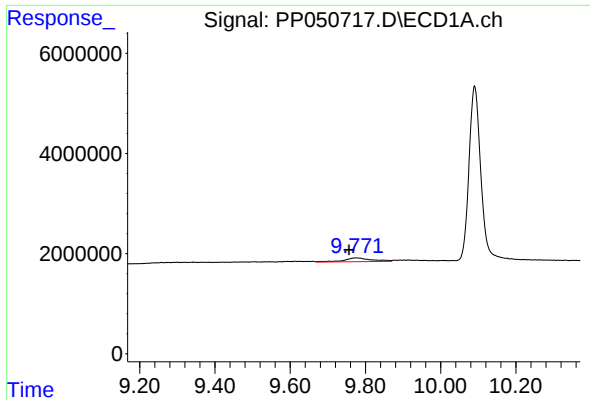
#44 AR-1268-4

R.T.: 9.344 min
Delta R.T.: -0.003 min
Response: 946955
Conc: 10.99 ng/ml



#44 AR-1268-4

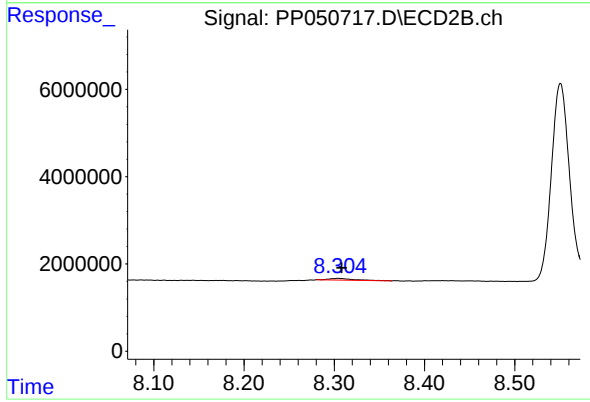
R.T.: 0.000 min
Exp R.T. : 8.025 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.774 min
Delta R.T.: 0.017 min
Response: 3803960
Conc: 5.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.304 min
Delta R.T.: -0.004 min
Response: 692183
Conc: 1.26 ng/ml