

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072022\
 Data File : PP049653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 22:06
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 03:52:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 06:08:44 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...	4.351	3.600	74277512	132.5E6	51.186	54.223
2)	SA Decachlor...	10.101	8.568	70337426	57994715	49.729	49.798
Target Compounds							
3)	L1 AR-1016-1	0.000	4.672	0	1030315	N.D.	11.558 #
4)	L1 AR-1016-2	0.000	4.691	0	787157	N.D.	6.257 #
5)	L1 AR-1016-3	0.000	4.867	0	588593	N.D.	8.957 #
6)	L1 AR-1016-4	0.000	4.907	0	25842472	N.D.	486.138 #
7)	L1 AR-1016-5	6.006	5.119	9444306	15455596	230.745	224.787
9)	L2 AR-1221-2	0.000	3.896	0	1775373	N.D.	77.724 #
10)	L2 AR-1221-3	0.000	3.970	0	290160	N.D.	4.264 #
11)	L3 AR-1232-1	0.000	3.970	0	290160	N.D.	5.656 #
12)	L3 AR-1232-2	0.000	4.691	0	787157	N.D.	16.413 #
13)	L3 AR-1232-3	0.000	4.867	0	588593	N.D.	23.579 #
14)	L3 AR-1232-4	0.000	4.947	0	8026543	N.D.	350.915 #
15)	L3 AR-1232-5	5.800	5.119	15877301	15455596	1272.894	600.768 #
16)	L4 AR-1242-1	0.000	4.672	0	1030315	N.D.	14.690 #
17)	L4 AR-1242-2	0.000	4.691	0	787157	N.D.	7.977 #
18)	L4 AR-1242-3	0.000	4.867	0	588593	N.D.	11.279 #
19)	L4 AR-1242-4	0.000	4.947	0	8026543	N.D.	153.144 #
20)	L4 AR-1242-5	6.454	5.469	9169295	58089585	266.616	913.862 #
21)	L5 AR-1248-1	0.000	4.672	0	1030315	N.D.	18.323 #
22)	L5 AR-1248-2	5.800	4.907	15877301	25842472	320.376	347.213
23)	L5 AR-1248-3	6.006	4.947	9444306	8026543	170.527	105.118 #
24)	L5 AR-1248-4	6.413	5.119	14832450	15455596	239.281	170.215 #
25)	L5 AR-1248-5	6.454	5.510	9169295	7050147	155.758	84.589 #
26)	L6 AR-1254-1	6.384	5.469	30419106	58089585	482.987	458.008
27)	L6 AR-1254-2	6.603	5.615	46566895	50339239	477.990	455.431
28)	L6 AR-1254-3	6.974	6.018	49053869	73854608	474.761	453.724
29)	L6 AR-1254-4	7.261	6.245	37925176	44461469	473.745	459.516
30)	L6 AR-1254-5	7.681	6.660	41552755	60745675	467.504	458.404
31)	L7 AR-1260-1	7.135	6.146	20432431	35827204	270.228	341.860 #
32)	L7 AR-1260-2	7.392	6.333	22798337	27811129	240.832	231.132
33)	L7 AR-1260-3	7.741	6.486	5188940	28141008	82.863	248.697 #
34)	L7 AR-1260-4	7.974	6.956	16688979	3067176	215.690	40.098 #
35)	L7 AR-1260-5	8.301	7.196	7036783	6586371	45.768	38.517
36)	L8 AR-1262-1	7.741	0.000	5188940	0	53.907	N.D. #
37)	L8 AR-1262-2	8.301	6.956	7036783	3067176	39.516	30.350
38)	L8 AR-1262-3	8.630f	7.483	3354320	351752	42.715	5.434 #
39)	L8 AR-1262-4	0.000	7.542	0	6432920	N.D.	50.285 #
40)	L8 AR-1262-5	0.000	8.037	0	186972	N.D.	3.405 #
41)	L9 AR-1268-1	8.630f	7.483	3354320	351752	16.429	1.915 #
42)	L9 AR-1268-2	0.000	7.542	0	6432920	N.D.	37.183 #

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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
44) L9	AR-1268-4	0.000	8.037	0	186972	N.D.	3.092 #
45) L9	AR-1268-5	9.785f	8.320	2819742	416312	5.476	1.017 #

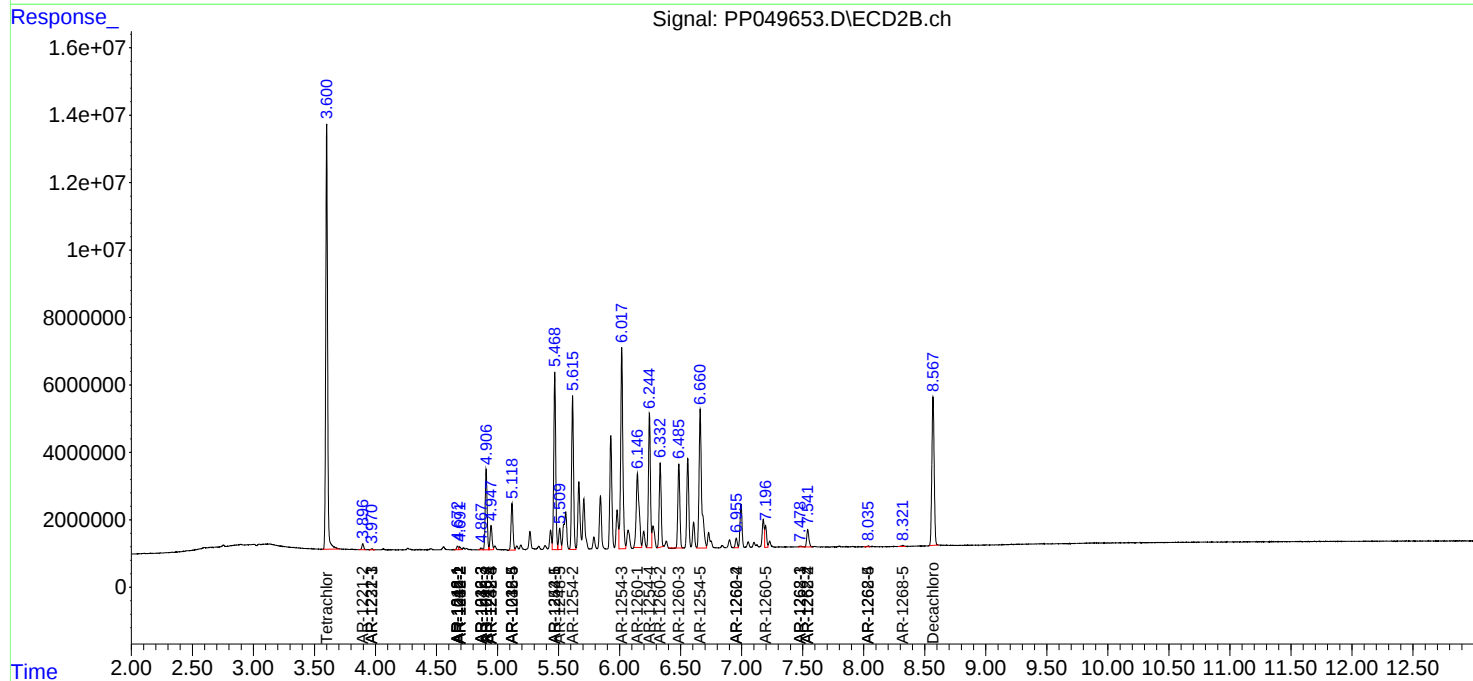
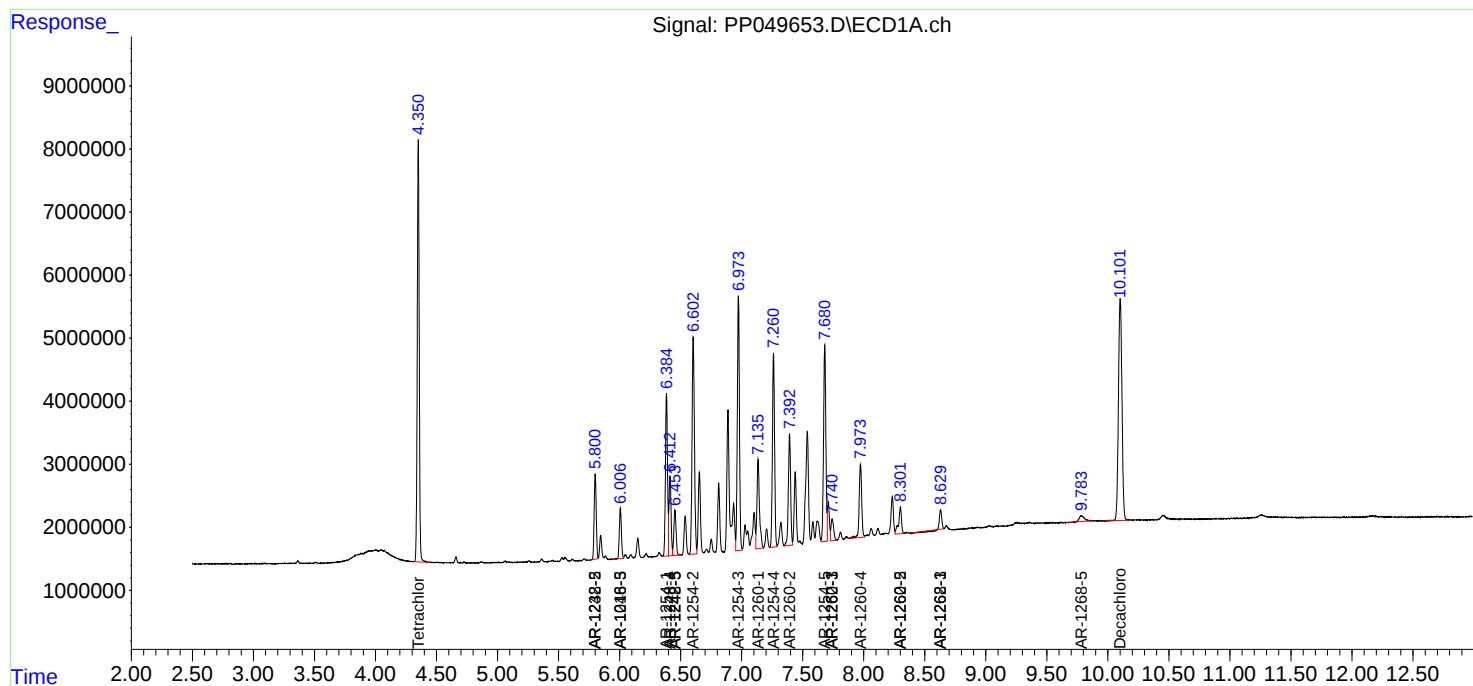
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

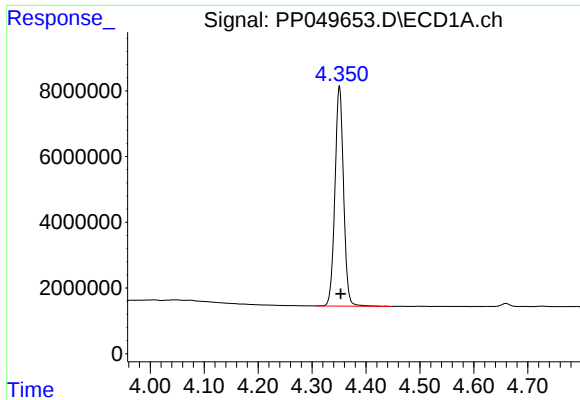
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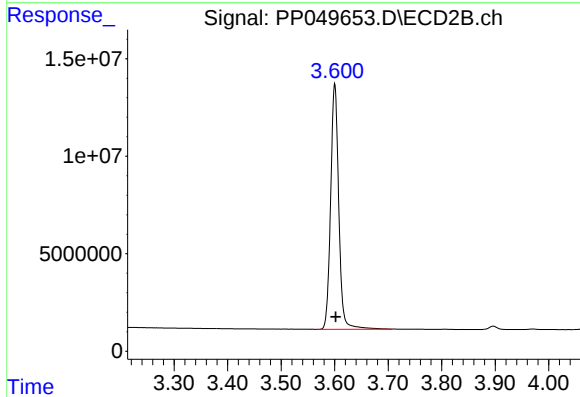




#1 Tetrachloro-m-xylene

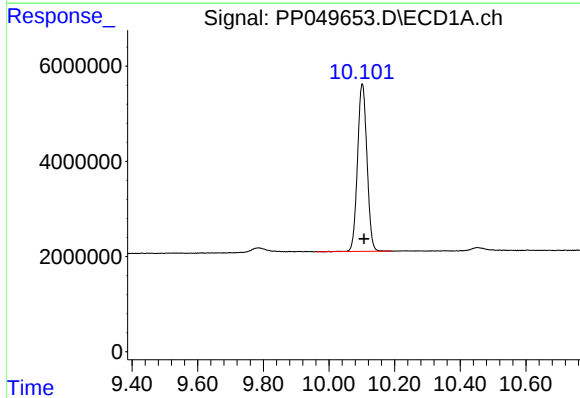
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 74277512
Conc: 51.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



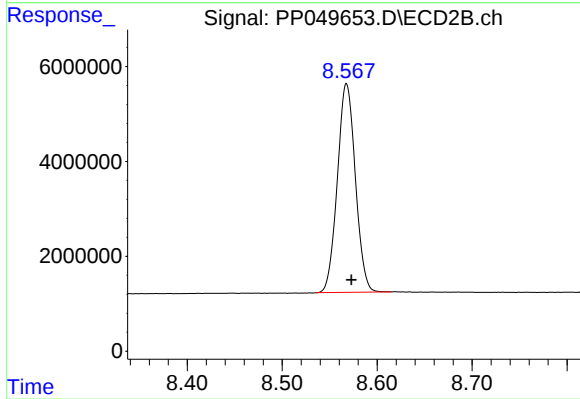
#1 Tetrachloro-m-xylene

R.T.: 3.600 min
Delta R.T.: -0.002 min
Response: 132540024
Conc: 54.22 ng/ml



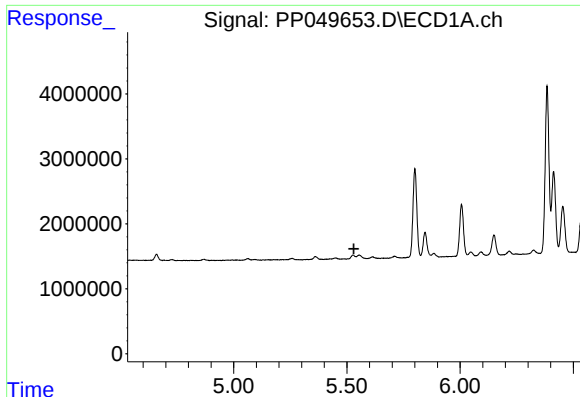
#2 Decachlorobiphenyl

R.T.: 10.101 min
Delta R.T.: -0.006 min
Response: 70337426
Conc: 49.73 ng/ml



#2 Decachlorobiphenyl

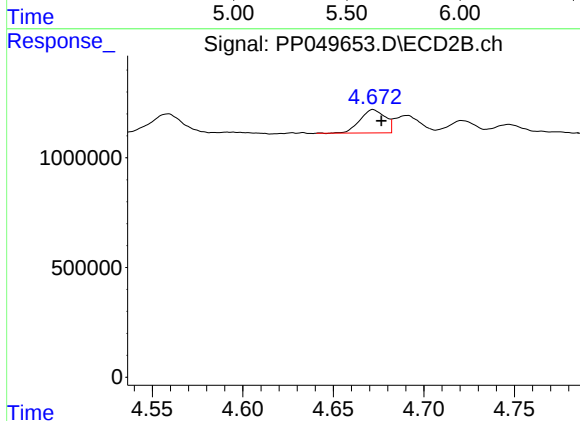
R.T.: 8.568 min
Delta R.T.: -0.005 min
Response: 57994715
Conc: 49.80 ng/ml



#3 AR-1016-1

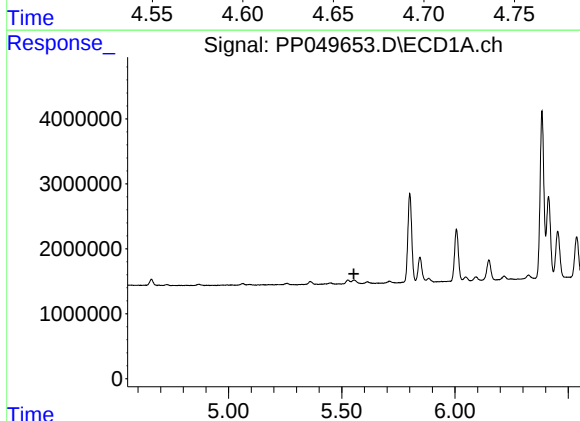
R.T.: 0.000 min
Exp R.T.: 5.531 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



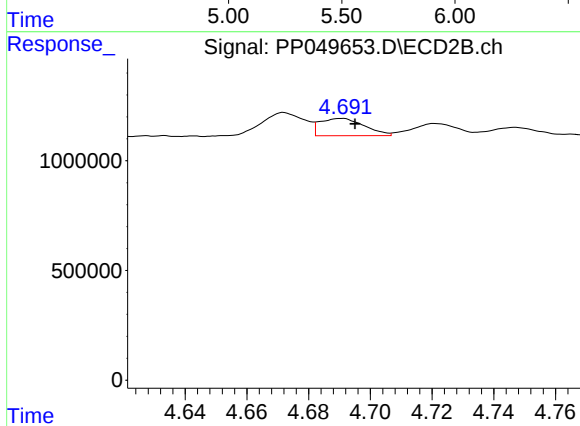
#3 AR-1016-1

R.T.: 4.672 min
Delta R.T.: -0.005 min
Response: 1030315
Conc: 11.56 ng/ml



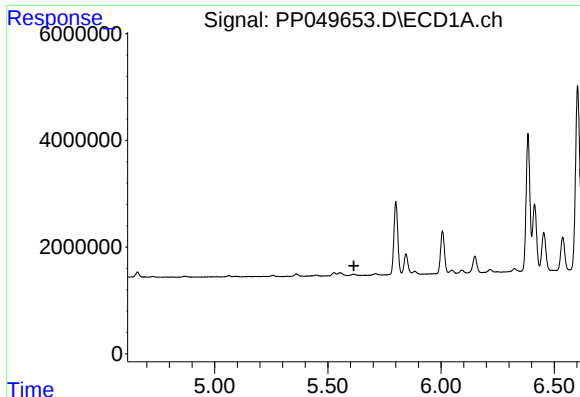
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.553 min
Response: 0
Conc: N.D.



#4 AR-1016-2

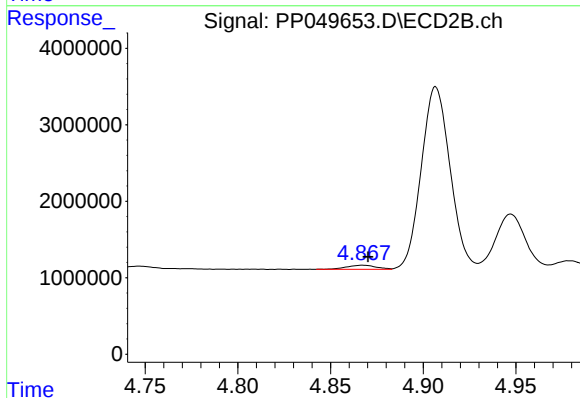
R.T.: 4.691 min
Delta R.T.: -0.004 min
Response: 787157
Conc: 6.26 ng/ml



#5 AR-1016-3

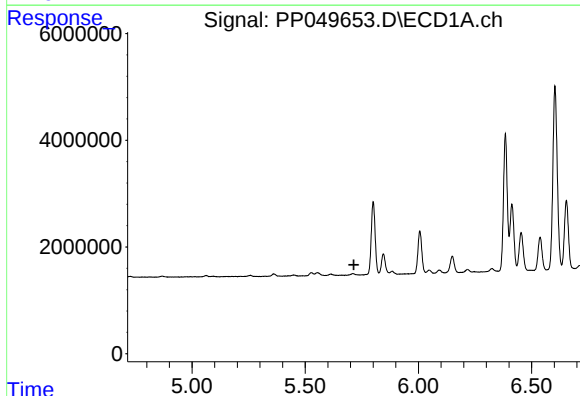
R.T.: 0.000 min
Exp R.T.: 5.615 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



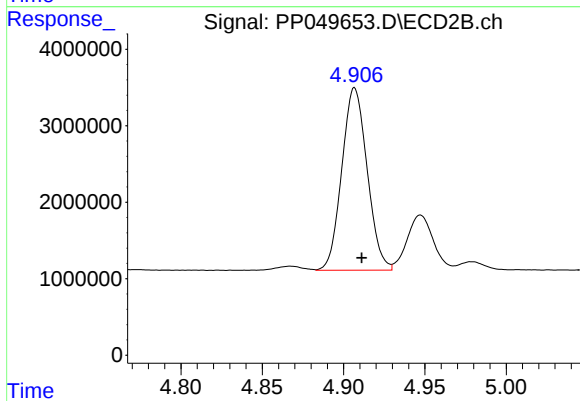
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 588593
Conc: 8.96 ng/ml



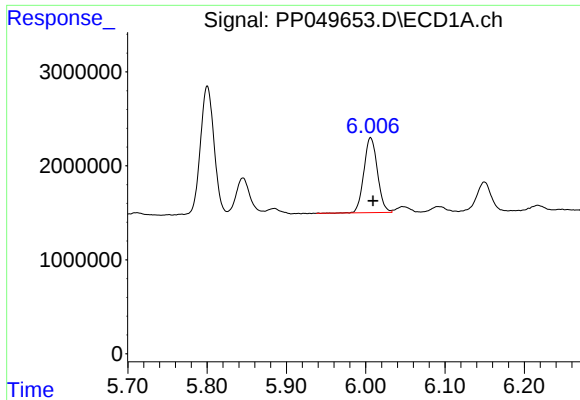
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.



#6 AR-1016-4

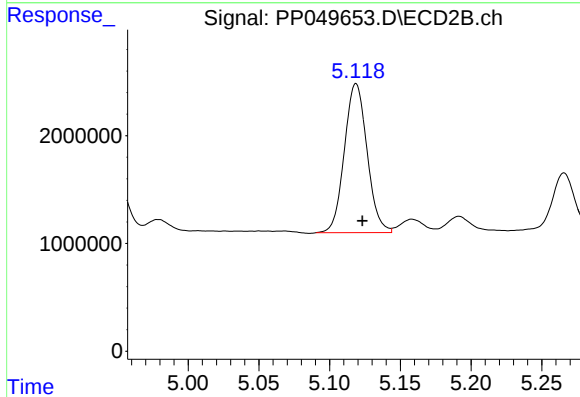
R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 25842472
Conc: 486.14 ng/ml



#7 AR-1016-5

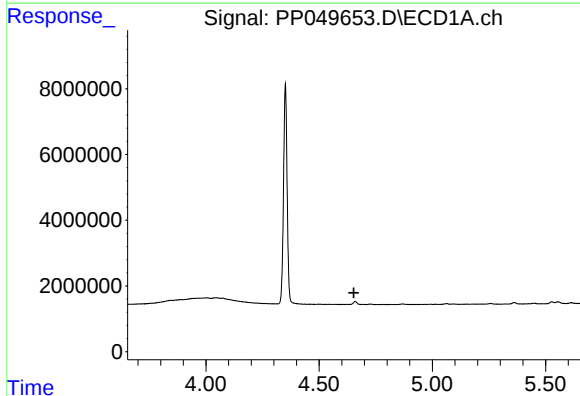
R.T.: 6.006 min
Delta R.T.: -0.003 min
Response: 9444306
Conc: 230.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



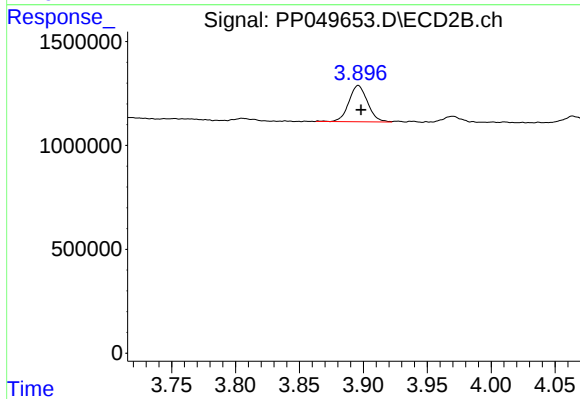
#7 AR-1016-5

R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 15455596
Conc: 224.79 ng/ml



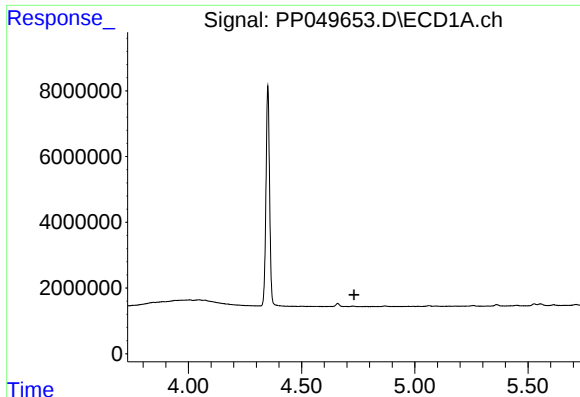
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



#9 AR-1221-2

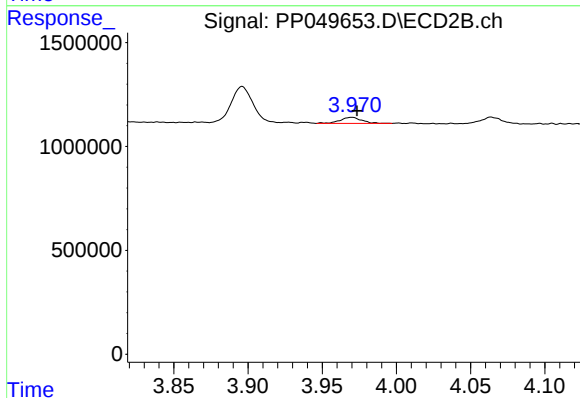
R.T.: 3.896 min
Delta R.T.: -0.002 min
Response: 1775373
Conc: 77.72 ng/ml



#10 AR-1221-3

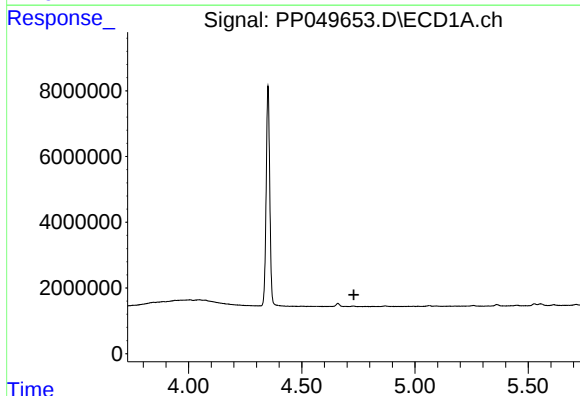
R.T.: 0.000 min
Exp R.T.: 4.731 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



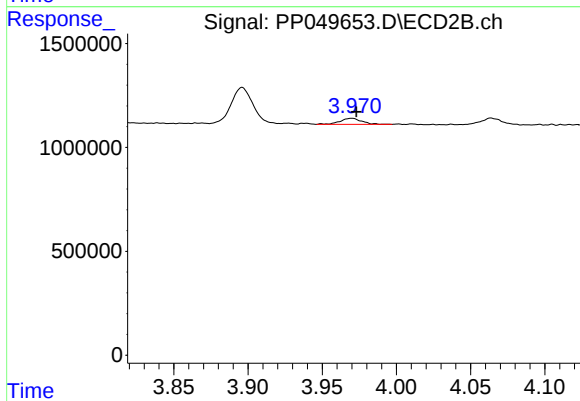
#10 AR-1221-3

R.T.: 3.970 min
Delta R.T.: -0.003 min
Response: 290160
Conc: 4.26 ng/ml



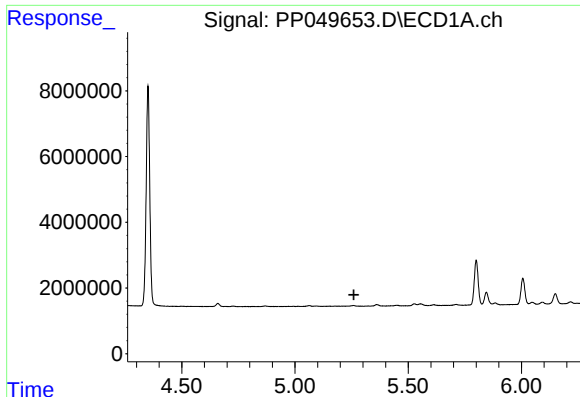
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 4.730 min
Response: 0
Conc: N.D.



#11 AR-1232-1

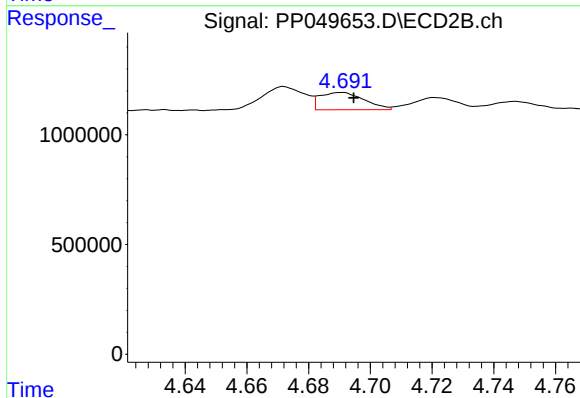
R.T.: 3.970 min
Delta R.T.: -0.003 min
Response: 290160
Conc: 5.66 ng/ml



#12 AR-1232-2

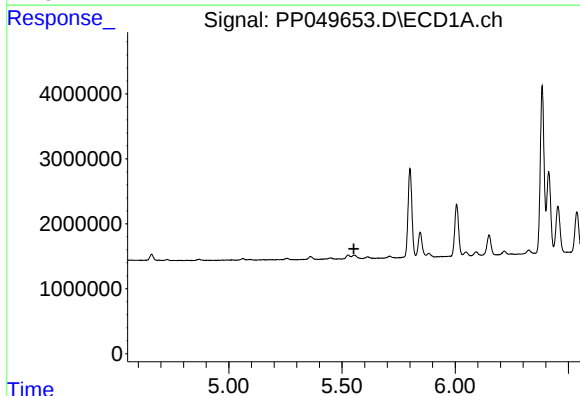
R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



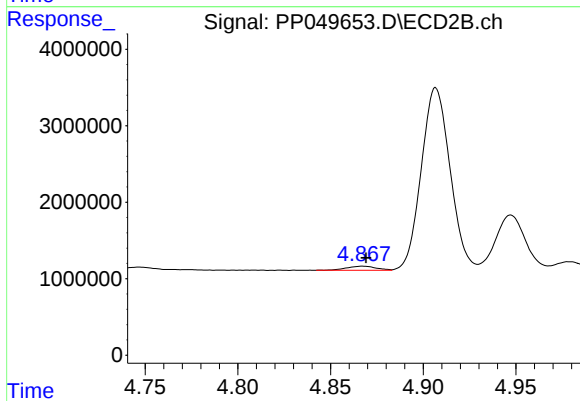
#12 AR-1232-2

R.T.: 4.691 min
Delta R.T.: -0.004 min
Response: 787157
Conc: 16.41 ng/ml



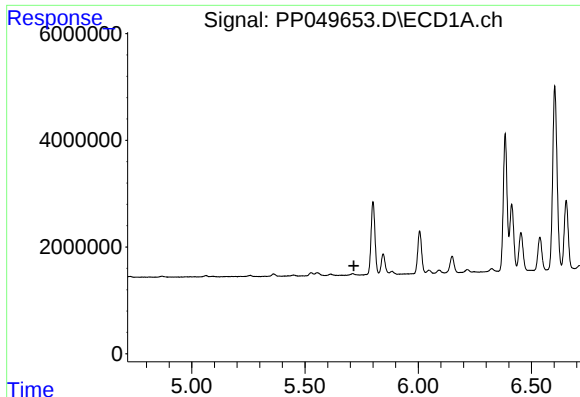
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.553 min
Response: 0
Conc: N.D.



#13 AR-1232-3

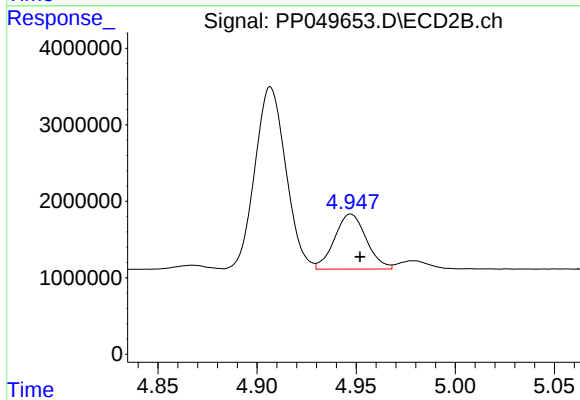
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 588593
Conc: 23.58 ng/ml



#14 AR-1232-4

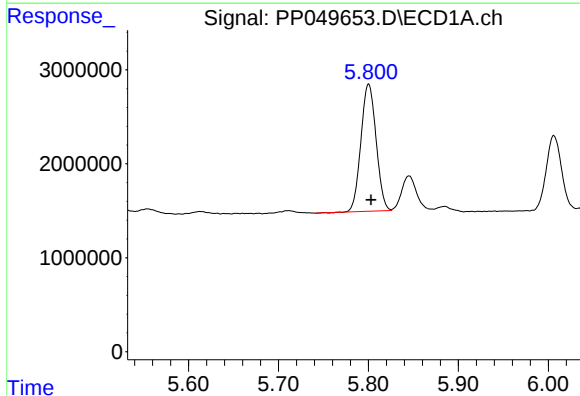
R.T.: 0.000 min
Exp R.T.: 5.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



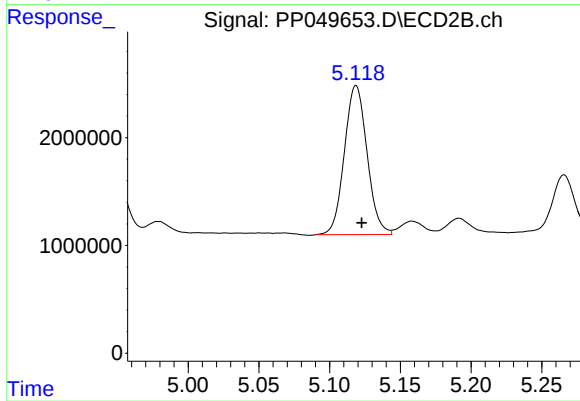
#14 AR-1232-4

R.T.: 4.947 min
Delta R.T.: -0.005 min
Response: 8026543
Conc: 350.91 ng/ml



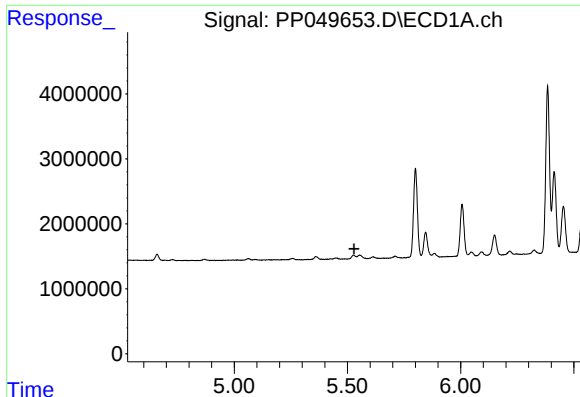
#15 AR-1232-5

R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 15877301
Conc: 1272.89 ng/ml



#15 AR-1232-5

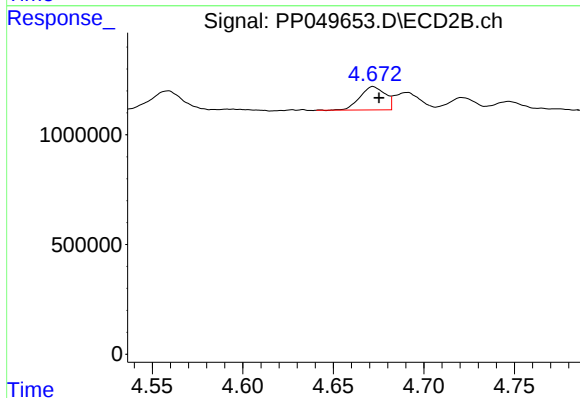
R.T.: 5.119 min
Delta R.T.: -0.004 min
Response: 15455596
Conc: 600.77 ng/ml



#16 AR-1242-1

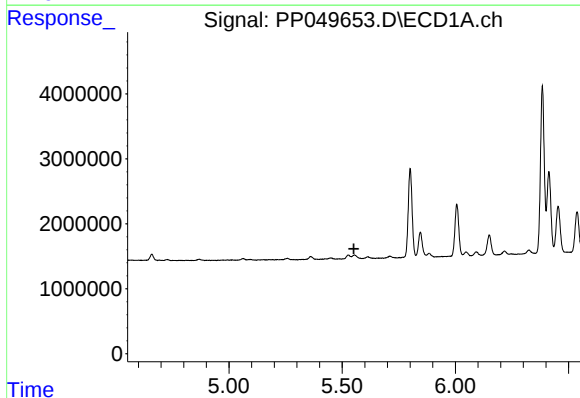
R.T.: 0.000 min
Exp R.T.: 5.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



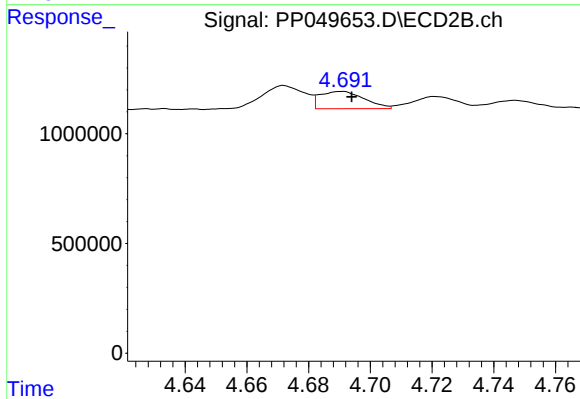
#16 AR-1242-1

R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 1030315
Conc: 14.69 ng/ml



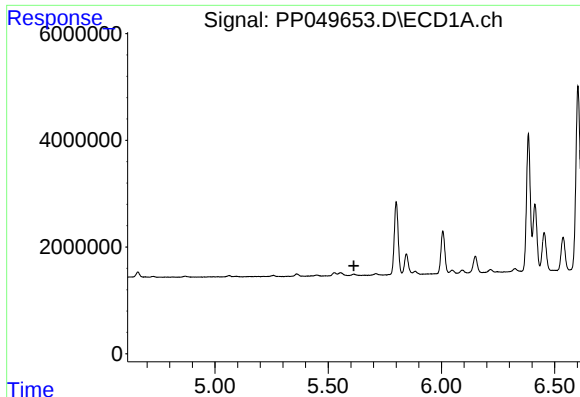
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.552 min
Response: 0
Conc: N.D.



#17 AR-1242-2

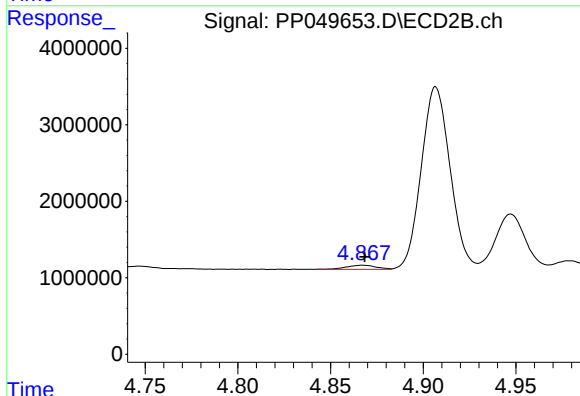
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 787157
Conc: 7.98 ng/ml



#18 AR-1242-3

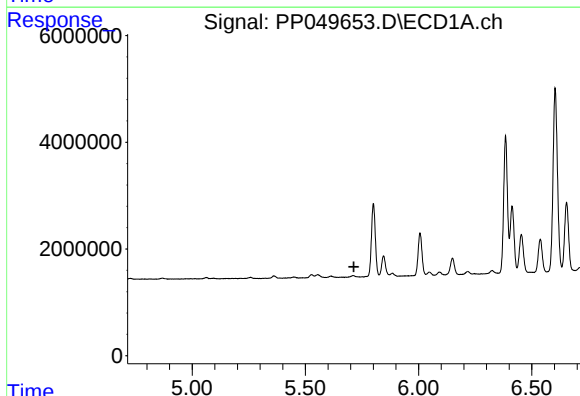
R.T.: 0.000 min
Exp R.T.: 5.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



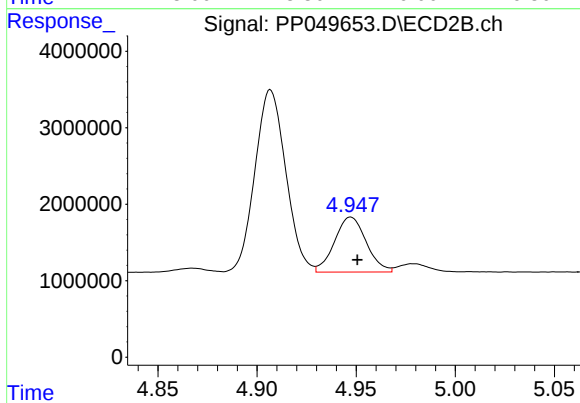
#18 AR-1242-3

R.T.: 4.867 min
Delta R.T.: -0.001 min
Response: 588593
Conc: 11.28 ng/ml



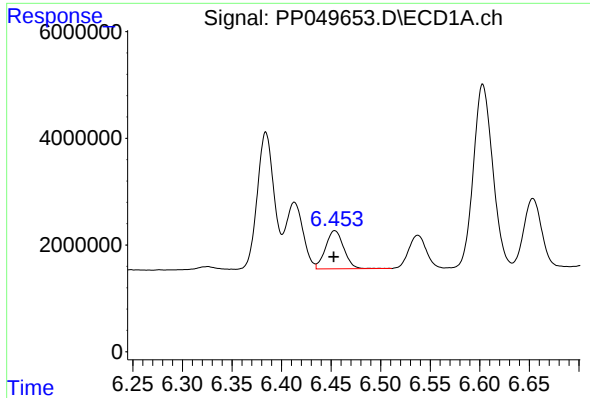
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.



#19 AR-1242-4

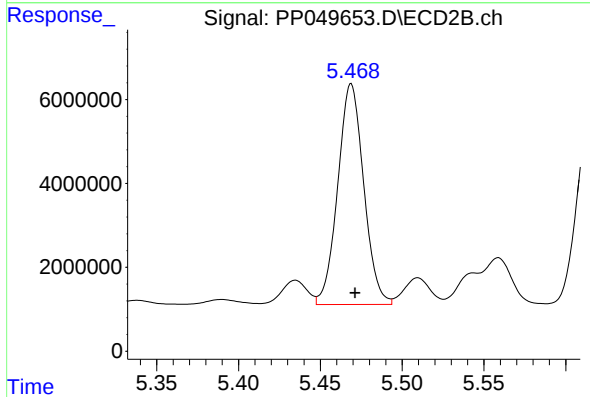
R.T.: 4.947 min
Delta R.T.: -0.003 min
Response: 8026543
Conc: 153.14 ng/ml



#20 AR-1242-5

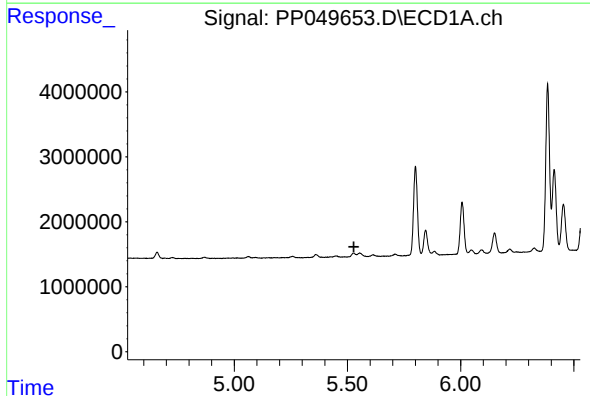
R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 9169295
Conc: 266.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



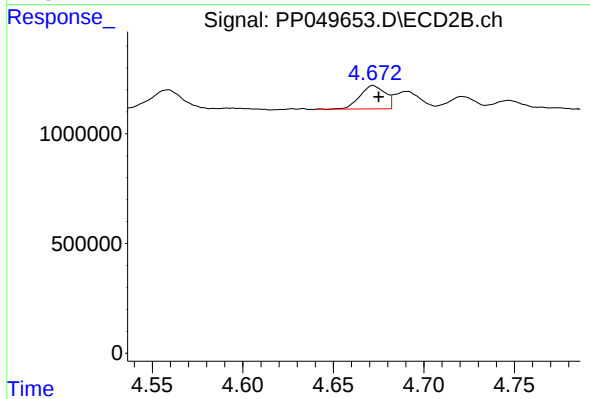
#20 AR-1242-5

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 58089585
Conc: 913.86 ng/ml



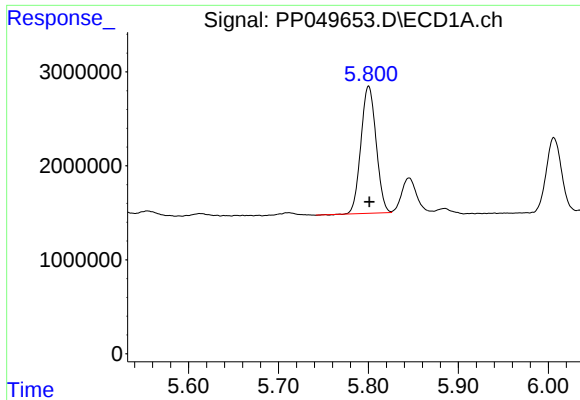
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.528 min
Response: 0
Conc: N.D.



#21 AR-1248-1

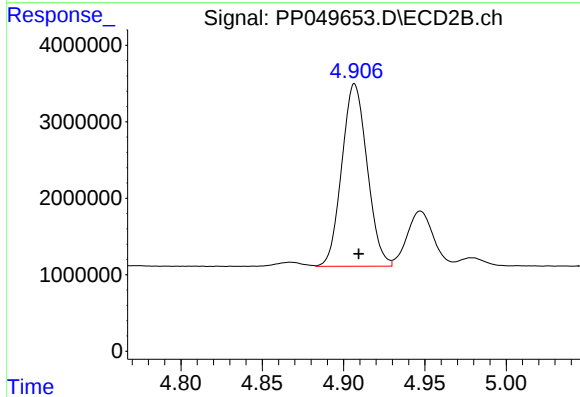
R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 1030315
Conc: 18.32 ng/ml



#22 AR-1248-2

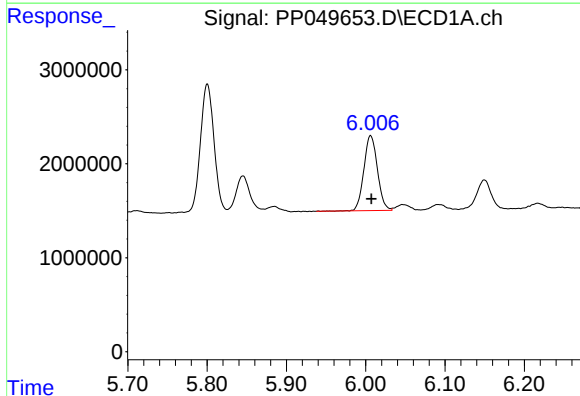
R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 15877301
Conc: 320.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



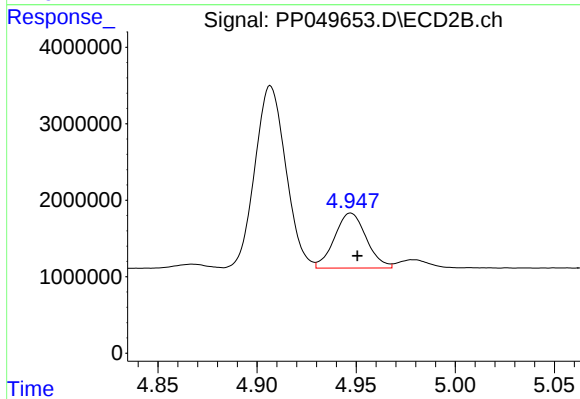
#22 AR-1248-2

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 25842472
Conc: 347.21 ng/ml



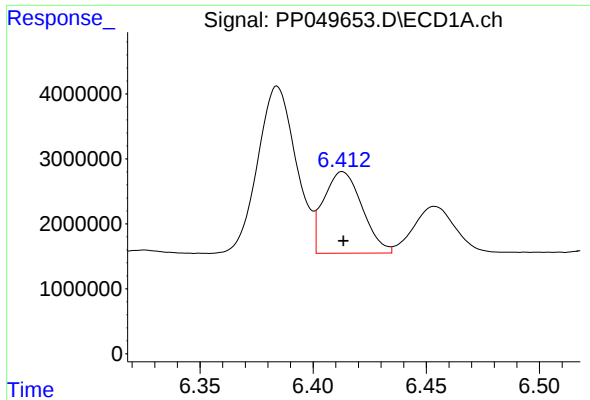
#23 AR-1248-3

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 9444306
Conc: 170.53 ng/ml



#23 AR-1248-3

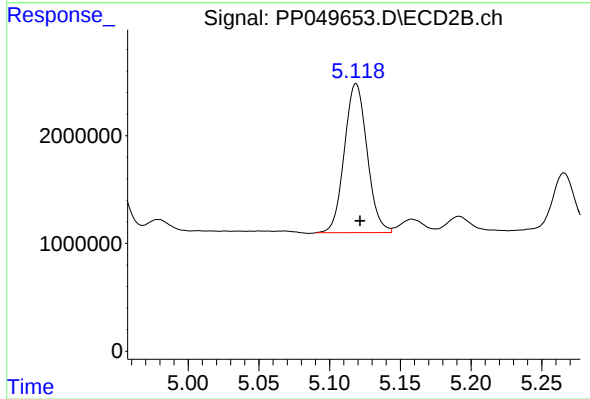
R.T.: 4.947 min
Delta R.T.: -0.003 min
Response: 8026543
Conc: 105.12 ng/ml



#24 AR-1248-4

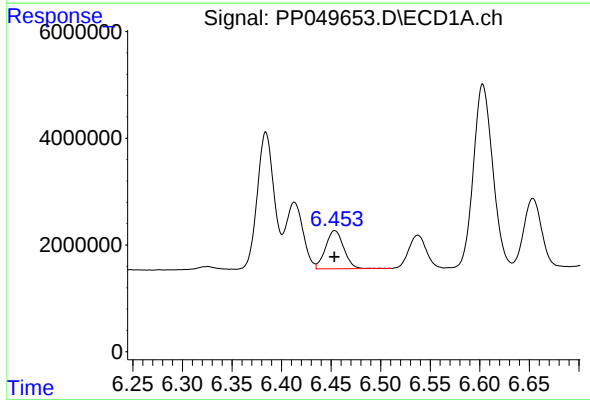
R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 14832450
Conc: 239.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



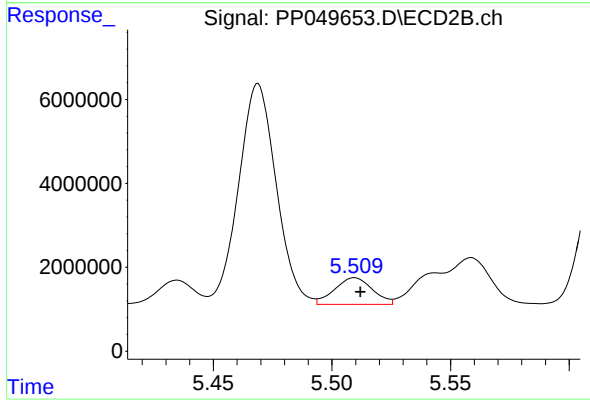
#24 AR-1248-4

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 15455596
Conc: 170.21 ng/ml



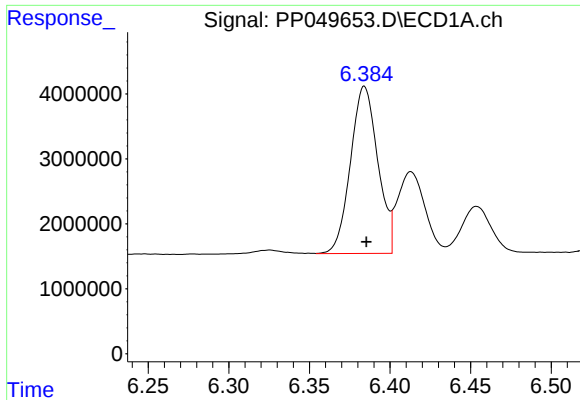
#25 AR-1248-5

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 9169295
Conc: 155.76 ng/ml



#25 AR-1248-5

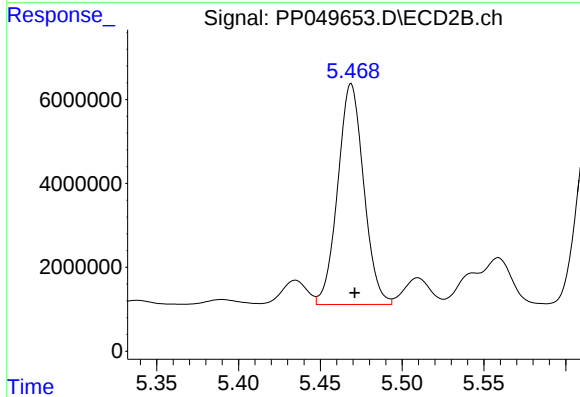
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 7050147
Conc: 84.59 ng/ml



#26 AR-1254-1

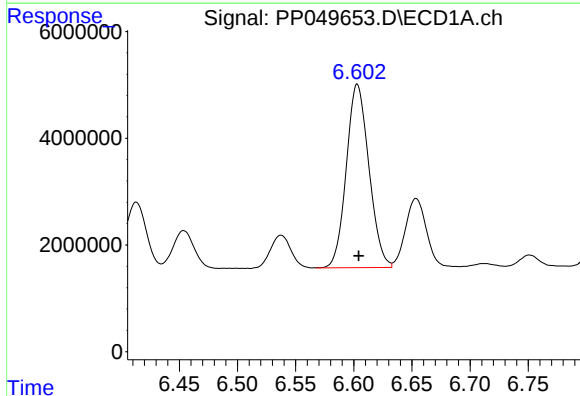
R.T.: 6.384 min
Delta R.T.: -0.001 min
Response: 30419106
Conc: 482.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



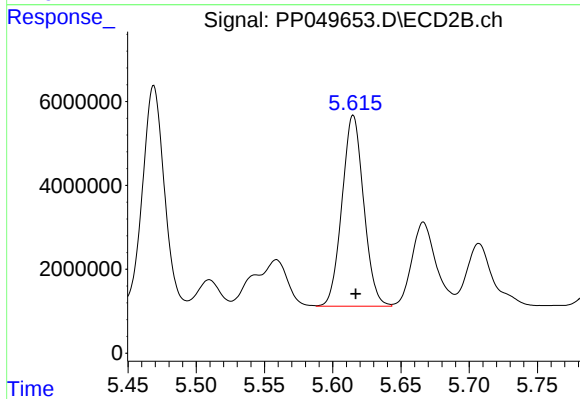
#26 AR-1254-1

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 58089585
Conc: 458.01 ng/ml



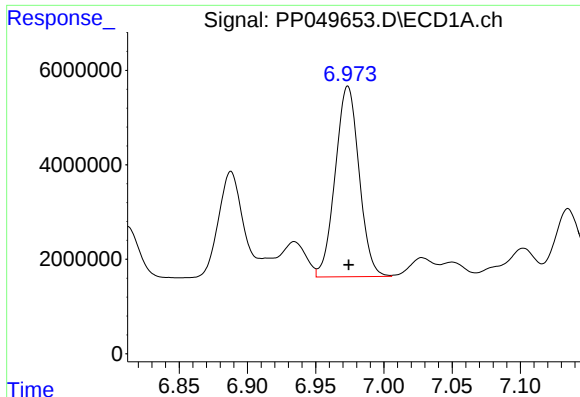
#27 AR-1254-2

R.T.: 6.603 min
Delta R.T.: -0.001 min
Response: 46566895
Conc: 477.99 ng/ml



#27 AR-1254-2

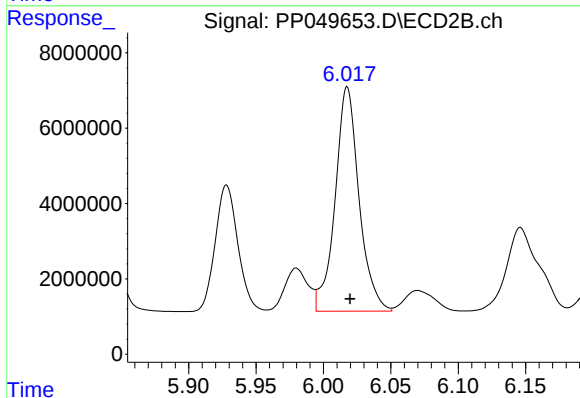
R.T.: 5.615 min
Delta R.T.: -0.002 min
Response: 50339239
Conc: 455.43 ng/ml



#28 AR-1254-3

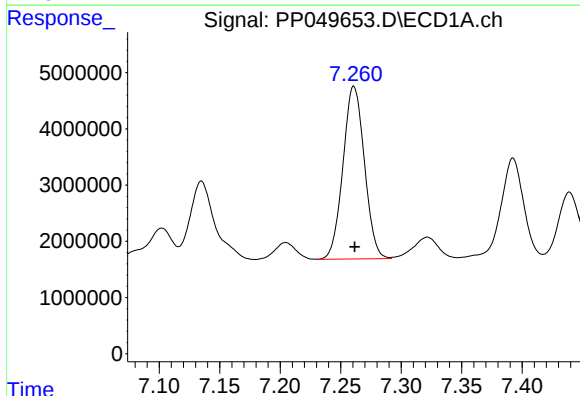
R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 49053869
Conc: 474.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



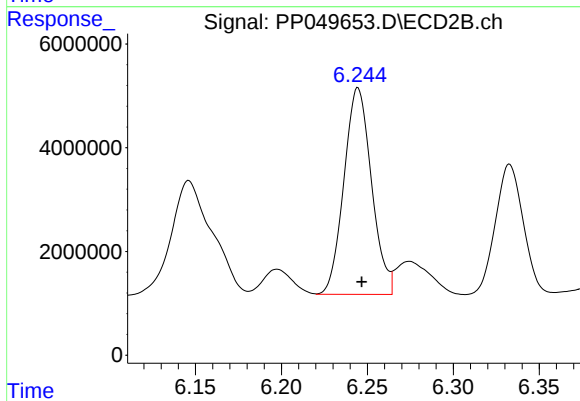
#28 AR-1254-3

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 73854608
Conc: 453.72 ng/ml



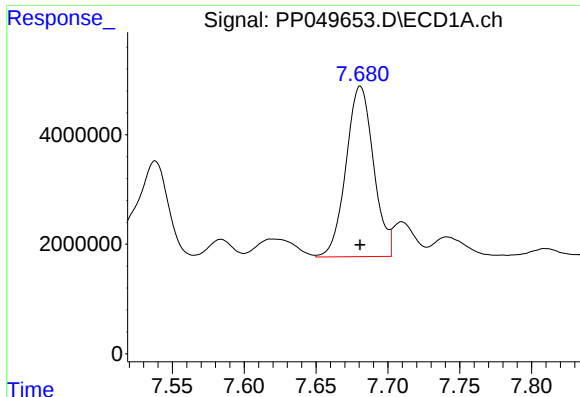
#29 AR-1254-4

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 37925176
Conc: 473.74 ng/ml



#29 AR-1254-4

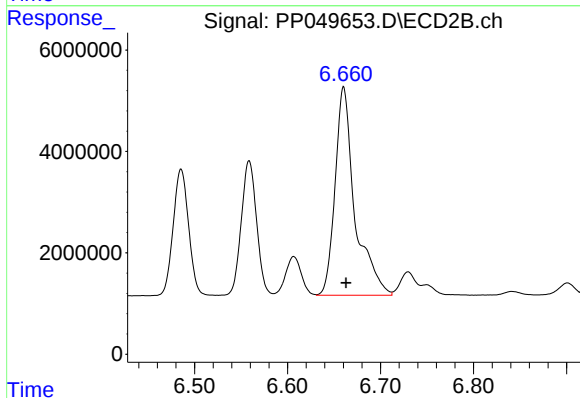
R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 44461469
Conc: 459.52 ng/ml



#30 AR-1254-5

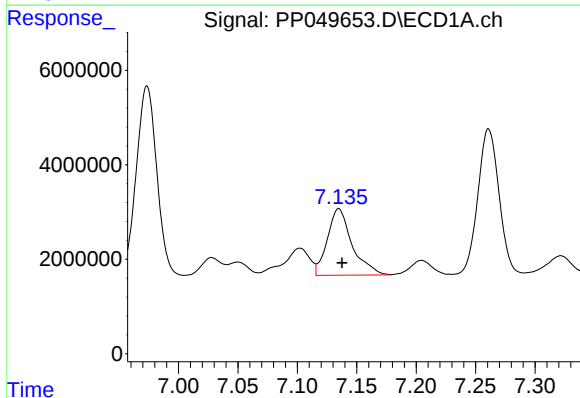
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 41552755
Conc: 467.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



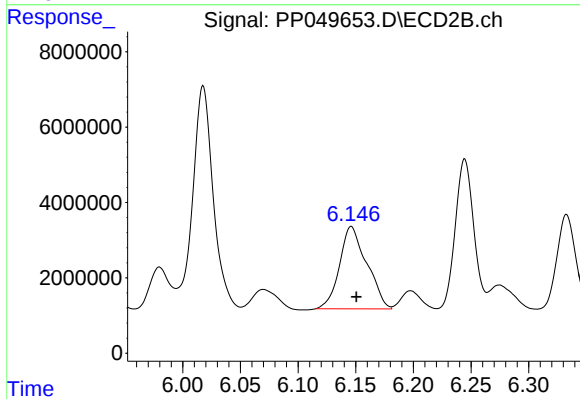
#30 AR-1254-5

R.T.: 6.660 min
Delta R.T.: -0.003 min
Response: 60745675
Conc: 458.40 ng/ml



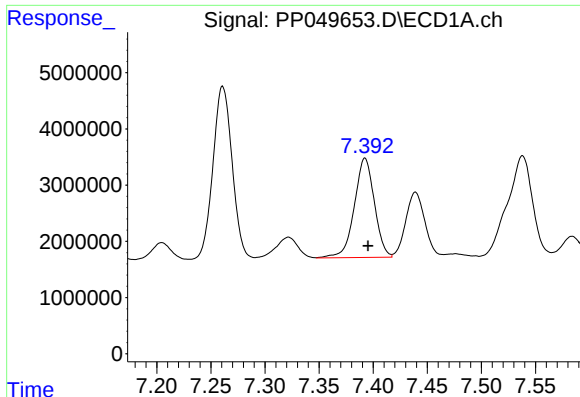
#31 AR-1260-1

R.T.: 7.135 min
Delta R.T.: -0.003 min
Response: 20432431
Conc: 270.23 ng/ml



#31 AR-1260-1

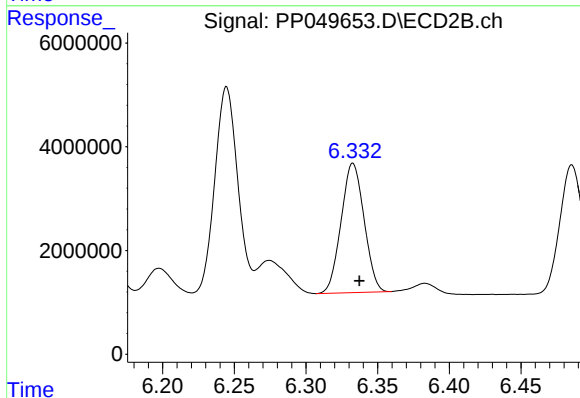
R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 35827204
Conc: 341.86 ng/ml



#32 AR-1260-2

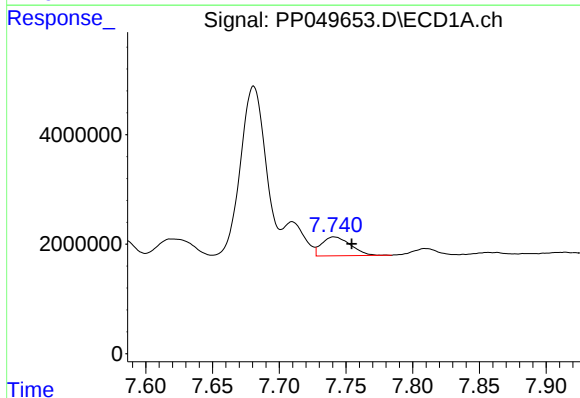
R.T.: 7.392 min
Delta R.T.: -0.003 min
Response: 22798337
Conc: 240.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



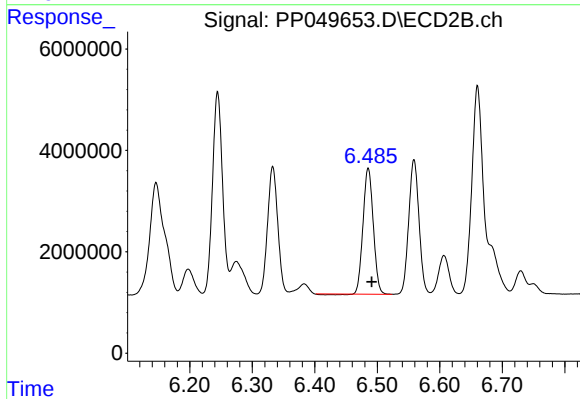
#32 AR-1260-2

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 27811129
Conc: 231.13 ng/ml



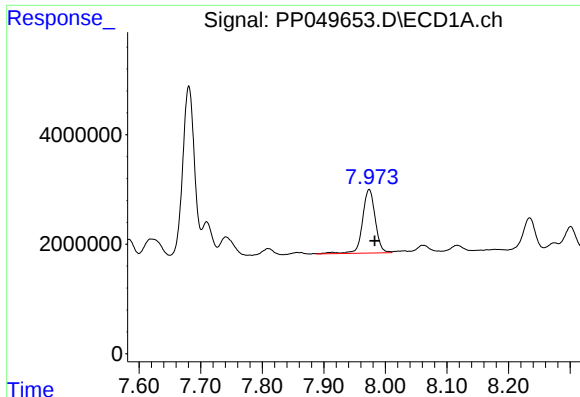
#33 AR-1260-3

R.T.: 7.741 min
Delta R.T.: -0.013 min
Response: 5188940
Conc: 82.86 ng/ml



#33 AR-1260-3

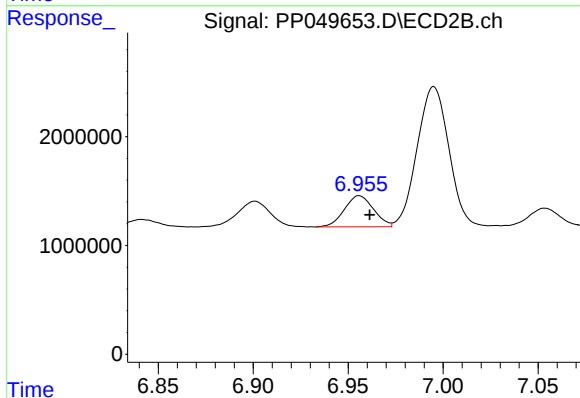
R.T.: 6.486 min
Delta R.T.: -0.006 min
Response: 28141008
Conc: 248.70 ng/ml



#34 AR-1260-4

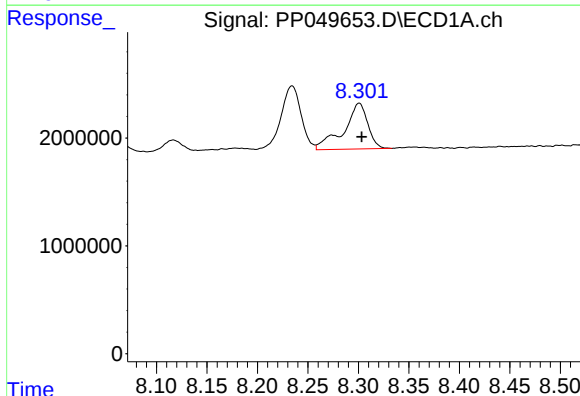
R.T.: 7.974 min
Delta R.T.: -0.009 min
Response: 16688979
Conc: 215.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



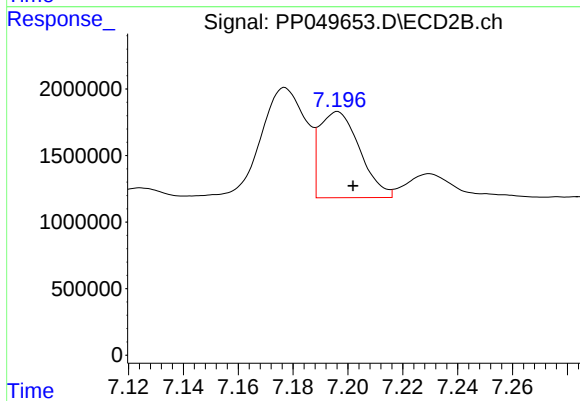
#34 AR-1260-4

R.T.: 6.956 min
Delta R.T.: -0.006 min
Response: 3067176
Conc: 40.10 ng/ml



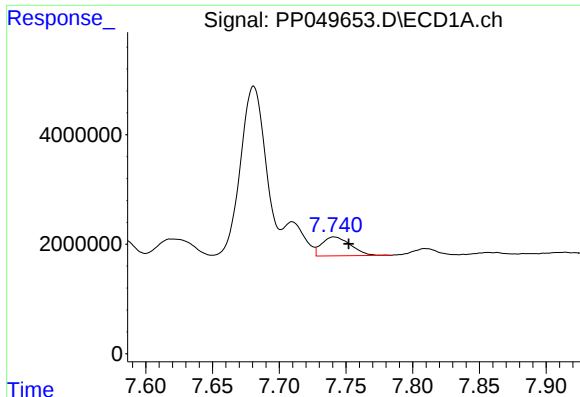
#35 AR-1260-5

R.T.: 8.301 min
Delta R.T.: -0.003 min
Response: 7036783
Conc: 45.77 ng/ml



#35 AR-1260-5

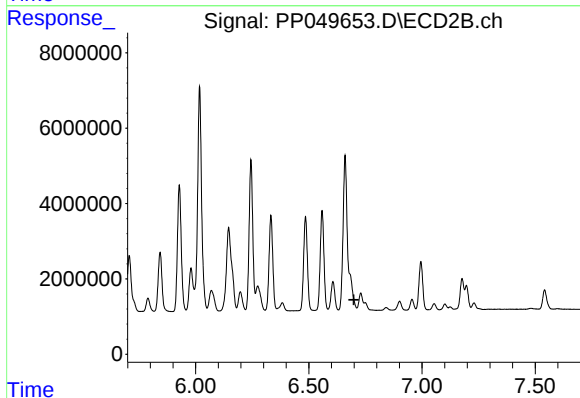
R.T.: 7.196 min
Delta R.T.: -0.006 min
Response: 6586371
Conc: 38.52 ng/ml



#36 AR-1262-1

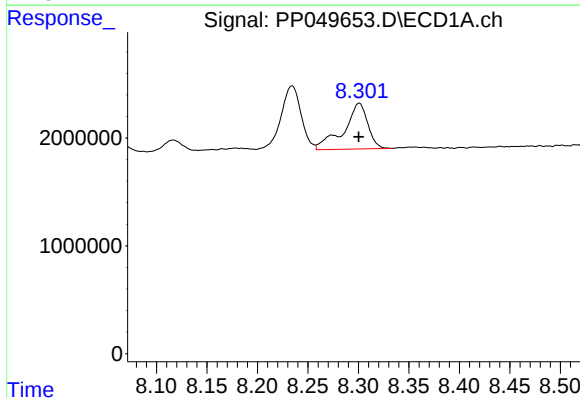
R.T.: 7.741 min
Delta R.T.: -0.011 min
Response: 5188940
Conc: 53.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



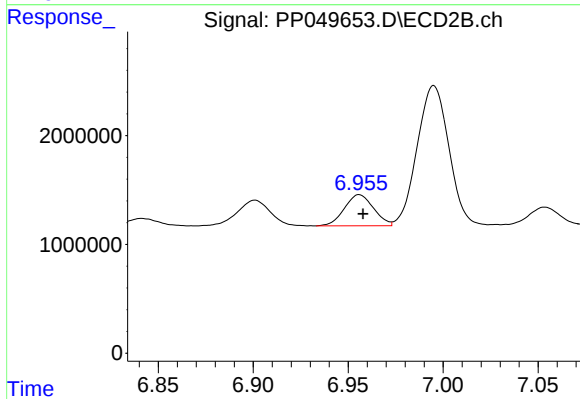
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.699 min
Response: 0
Conc: N.D.



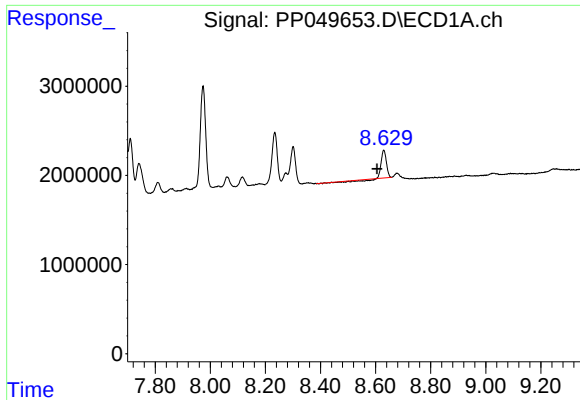
#37 AR-1262-2

R.T.: 8.301 min
Delta R.T.: 0.000 min
Response: 7036783
Conc: 39.52 ng/ml



#37 AR-1262-2

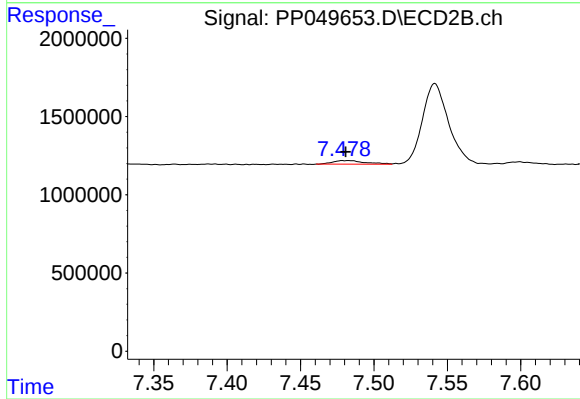
R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 3067176
Conc: 30.35 ng/ml



#38 AR-1262-3

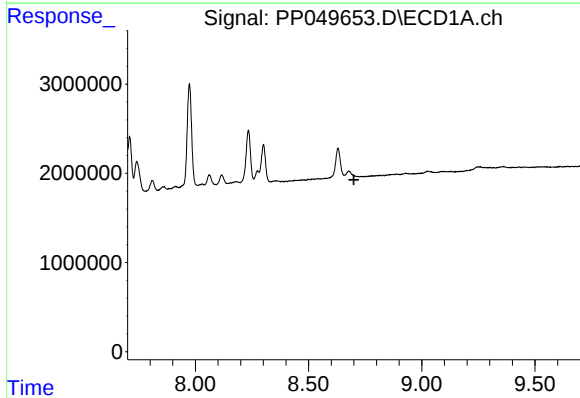
R.T.: 8.630 min
Delta R.T.: 0.023 min
Response: 3354320
Conc: 42.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



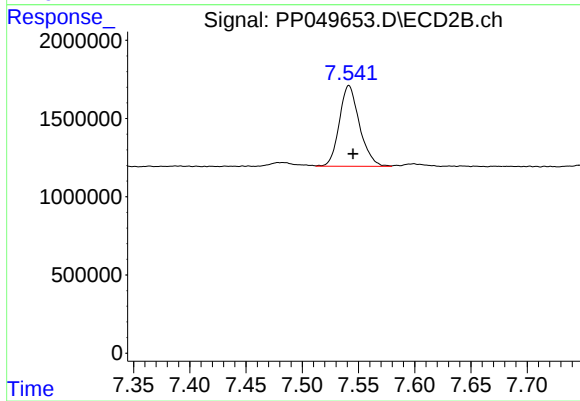
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.002 min
Response: 351752
Conc: 5.43 ng/ml



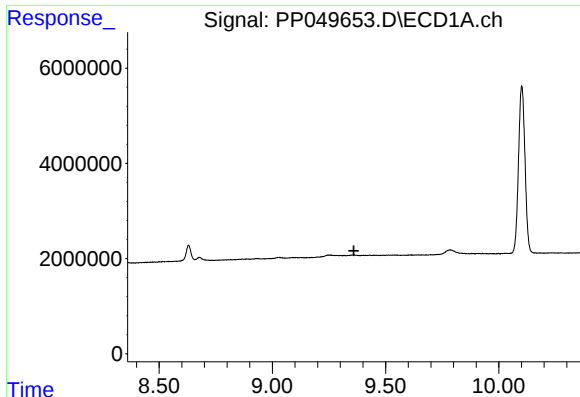
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.700 min
Response: 0
Conc: N.D.



#39 AR-1262-4

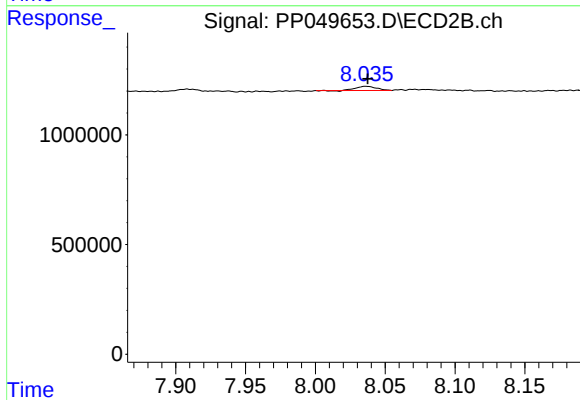
R.T.: 7.542 min
Delta R.T.: -0.004 min
Response: 6432920
Conc: 50.28 ng/ml



#40 AR-1262-5

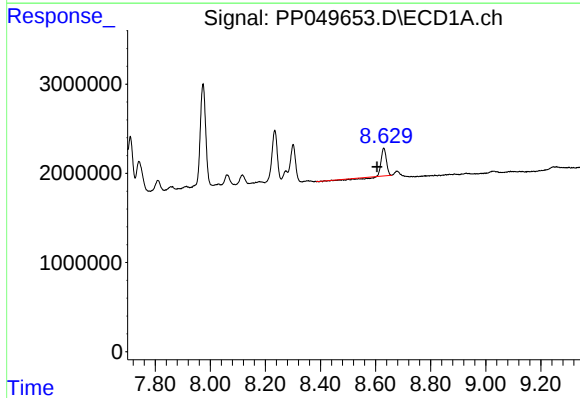
R.T.: 0.000 min
Exp R.T.: 9.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



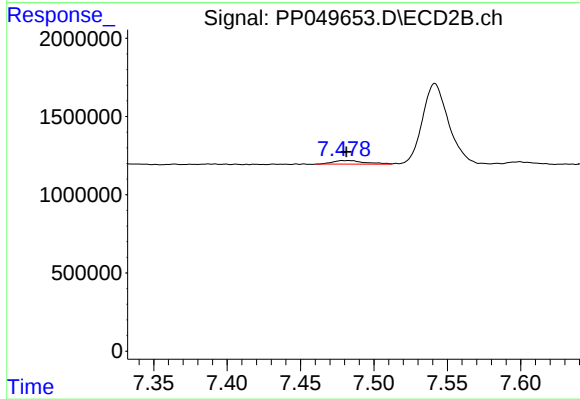
#40 AR-1262-5

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 186972
Conc: 3.40 ng/ml



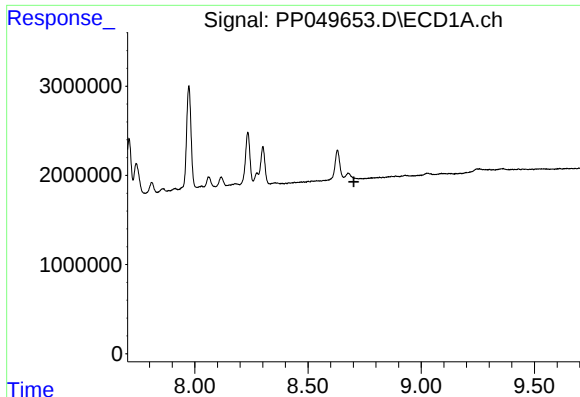
#41 AR-1268-1

R.T.: 8.630 min
Delta R.T.: 0.024 min
Response: 3354320
Conc: 16.43 ng/ml



#41 AR-1268-1

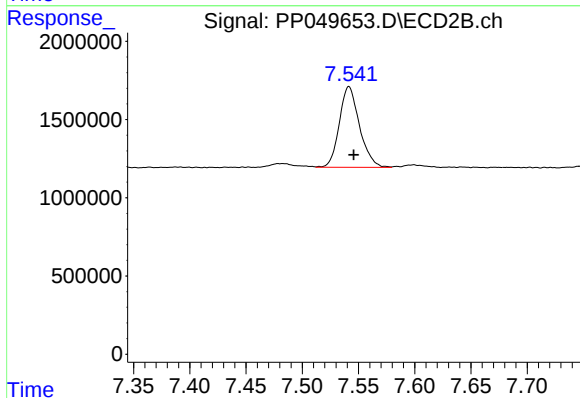
R.T.: 7.483 min
Delta R.T.: 0.002 min
Response: 351752
Conc: 1.92 ng/ml



#42 AR-1268-2

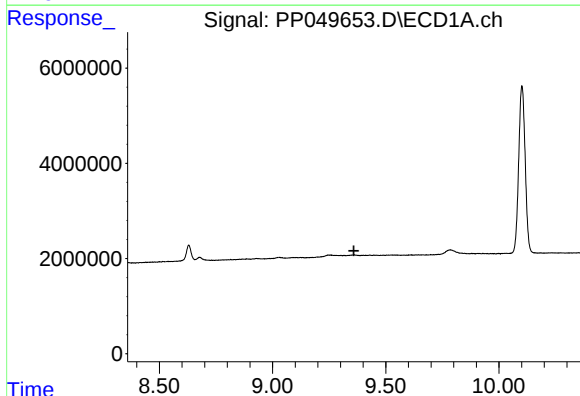
R.T.: 0.000 min
Exp R.T.: 8.702 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



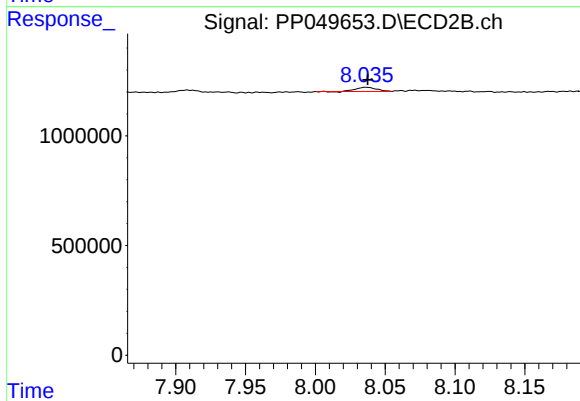
#42 AR-1268-2

R.T.: 7.542 min
Delta R.T.: -0.004 min
Response: 6432920
Conc: 37.18 ng/ml



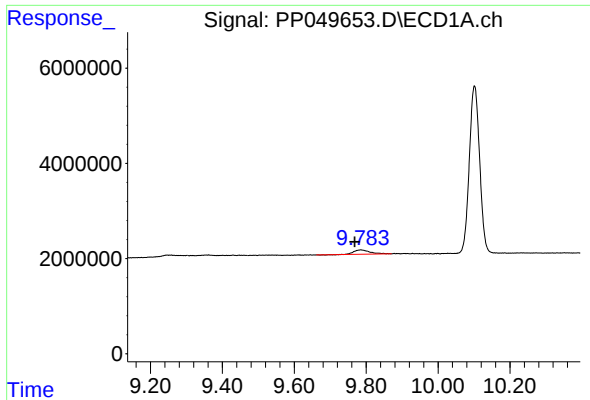
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.359 min
Response: 0
Conc: N.D.



#44 AR-1268-4

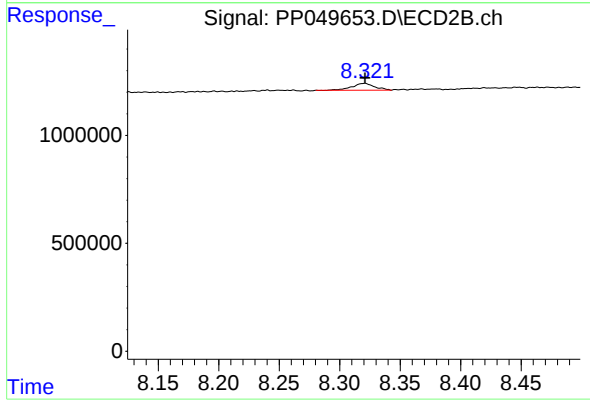
R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 186972
Conc: 3.09 ng/ml



#45 AR-1268-5

R.T.: 9.785 min
Delta R.T.: 0.016 min
Response: 2819742
Conc: 5.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 416312
Conc: 1.02 ng/ml