

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012723\
 Data File : PP054968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2023 16:14
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:54:55 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...	4.333	3.578	82654019	73527909	47.537	48.979
2)	SA Decachlor...	10.093	8.596	94120613	71307866	54.352	52.799
Target Compounds							
3)	L1 AR-1016-1	5.504	4.663	19702535	15176251	293.148	306.628
4)	L1 AR-1016-2	5.527	4.682	23523324	15541716	245.471	224.529
5)	L1 AR-1016-3	5.588	4.859	12039329	10519131	201.271	282.798 #
6)	L1 AR-1016-4	5.687	4.900	13234773	21997854	276.196	700.072 #
7)	L1 AR-1016-5	5.984	5.114	33350515	28310539	658.137	692.452
8)	L2 AR-1221-1	4.533	3.789	197464	248792	8.397	12.548 #
9)	L2 AR-1221-2	4.639	3.876	1384036	1182747	77.899	79.795
10)	L2 AR-1221-3	4.704	3.952	1712346	1367289	31.822	30.307
11)	L3 AR-1232-1	4.704	3.952	1712346	1367289	38.581	37.095
12)	L3 AR-1232-2	5.235	4.682	8685119	15541716	384.046	486.552 #
13)	L3 AR-1232-3	5.527	4.859	23523324	10519131	535.628	630.985
14)	L3 AR-1232-4	5.687	4.942	13234773	23250577	597.933	1441.796 #
15)	L3 AR-1232-5	5.779	5.114	30266697	28310539	1728.830	1602.955
16)	L4 AR-1242-1	5.504	4.663	19702535	15176251	351.901	370.494
17)	L4 AR-1242-2	5.527	4.682	23523324	15541716	294.668	272.179
18)	L4 AR-1242-3	5.588	4.859	12039329	10519131	242.428	340.782 #
19)	L4 AR-1242-4	5.687	4.942	13234773	23250577	330.235	715.687 #
20)	L4 AR-1242-5	6.428	5.466	35713038	36357424	803.200	972.860
21)	L5 AR-1248-1	5.504	4.663	19702535	15176251	472.441	489.507
22)	L5 AR-1248-2	5.779	4.900	30266697	21997854	476.084	481.064
23)	L5 AR-1248-3	5.984	4.942	33350515	23250577	482.236	487.707
24)	L5 AR-1248-4	6.389	5.114	36972743	28310539	487.548	512.620
25)	L5 AR-1248-5	6.428	5.508	35713038	24909536	483.962	506.591
26)	L6 AR-1254-1	6.363	5.466	26874895	36357424	340.653	450.201 #
27)	L6 AR-1254-2	6.586	5.616	37189098	12480856	307.289	174.405 #
28)	L6 AR-1254-3	6.951	6.020	21333969	17174948	174.169	154.163
29)	L6 AR-1254-4	7.238	6.250	18066467	10833043	205.040	176.126
30)	L6 AR-1254-5	7.659	6.670	4604395	3242866	45.516	34.206
31)	L7 AR-1260-1	7.118	6.165	2628472	8296510	27.573	106.990 #
32)	L7 AR-1260-2	7.373	6.339	6959947	1284654	61.841	14.290 #
33)	L7 AR-1260-3	7.733	6.493	252538	1872880	3.136	22.057 #
34)	L7 AR-1260-4	7.949	6.966	2783389	246164	28.672	3.438 #
35)	L7 AR-1260-5	8.279	7.210	1675323	546943	9.420	3.558 #
36)	L8 AR-1262-1	7.733	6.738f	252538	422602	2.140	9.837 #
37)	L8 AR-1262-2	8.279	6.966	1675323	246164	8.318	2.658 #
38)	L8 AR-1262-3	8.605f	7.500	365476	192706	2.628	2.645
39)	L8 AR-1262-4	8.655f	7.557	1139416	469824	14.820	3.592 #
40)	L8 AR-1262-5	9.329	8.055	-6979	103447	N.D.	1.744 #
41)	L9 AR-1268-1	8.605f	7.500	365476	192706	1.495	0.891 #

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 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

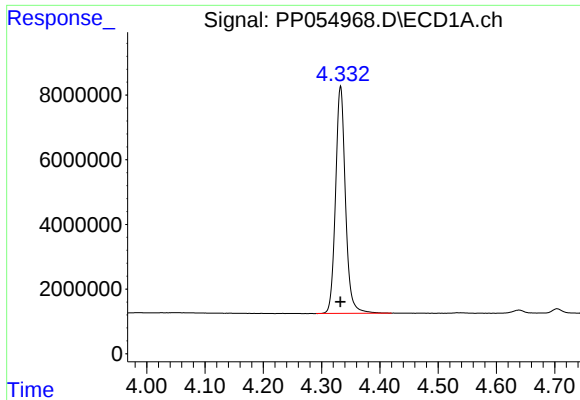
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:54:55 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	8.655f	7.557	1139416	469824	5.017	2.408 #
43) L9	AR-1268-3	8.918	7.771	395254	131940	1.978	0.768 #
44) L9	AR-1268-4	9.329	8.055	-6979	103447	N.D.	1.622 #
45) L9	AR-1268-5	9.751	8.344	483480	394705	0.760	0.749

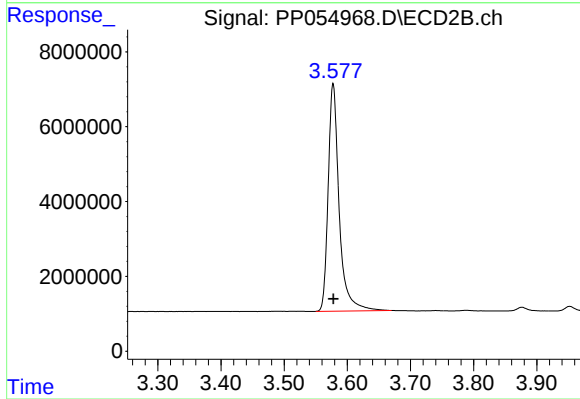
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

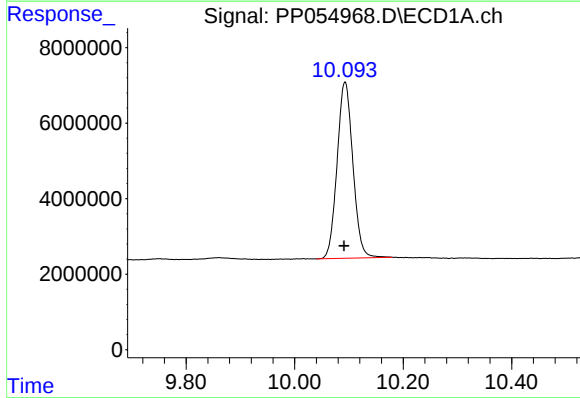
R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 82654019
Conc: 47.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



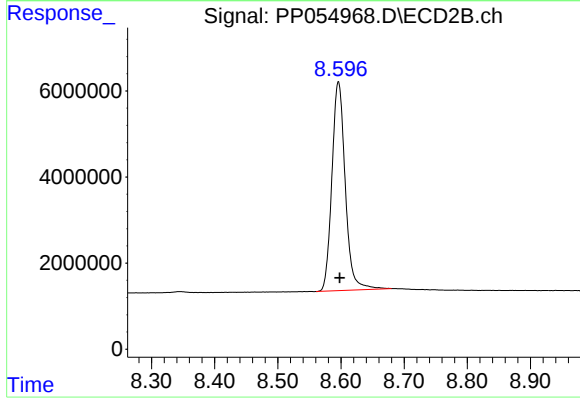
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: 0.000 min
Response: 73527909
Conc: 48.98 ng/ml



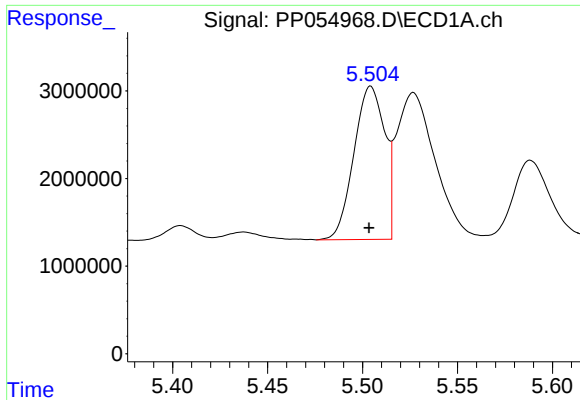
#2 Decachlorobiphenyl

R.T.: 10.093 min
Delta R.T.: 0.002 min
Response: 94120613
Conc: 54.35 ng/ml



#2 Decachlorobiphenyl

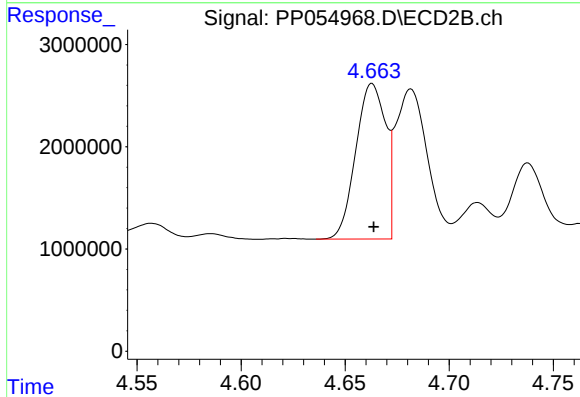
R.T.: 8.596 min
Delta R.T.: -0.002 min
Response: 71307866
Conc: 52.80 ng/ml



#3 AR-1016-1

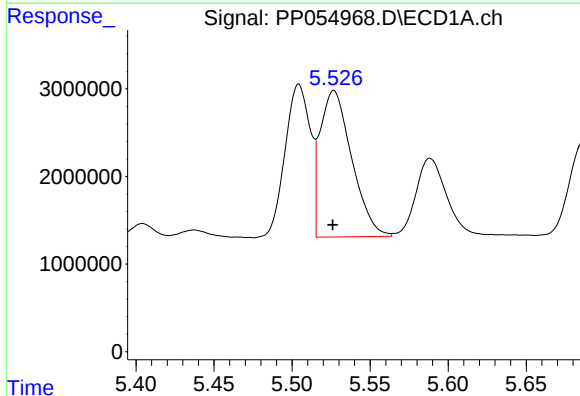
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 19702535
Conc: 293.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



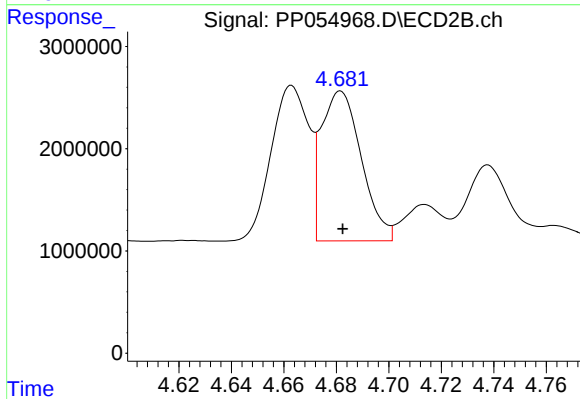
#3 AR-1016-1

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 15176251
Conc: 306.63 ng/ml



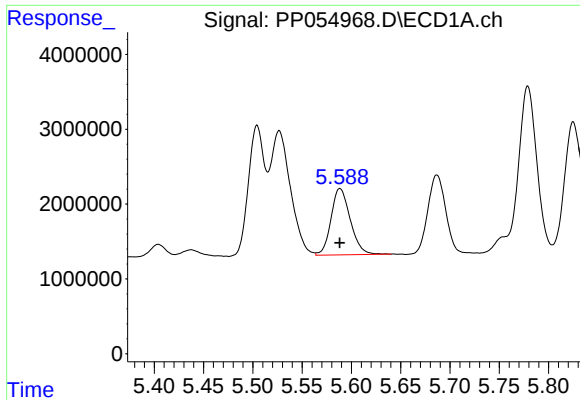
#4 AR-1016-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 23523324
Conc: 245.47 ng/ml



#4 AR-1016-2

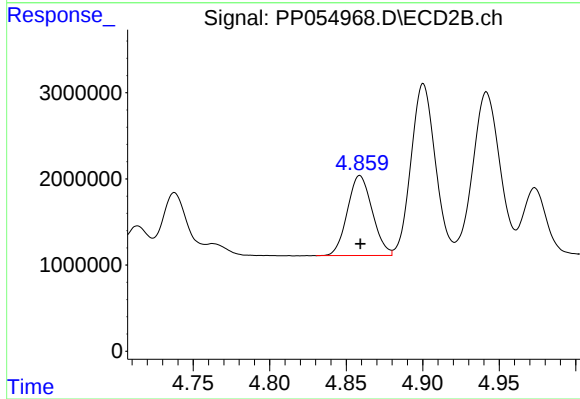
R.T.: 4.682 min
Delta R.T.: 0.000 min
Response: 15541716
Conc: 224.53 ng/ml



#5 AR-1016-3

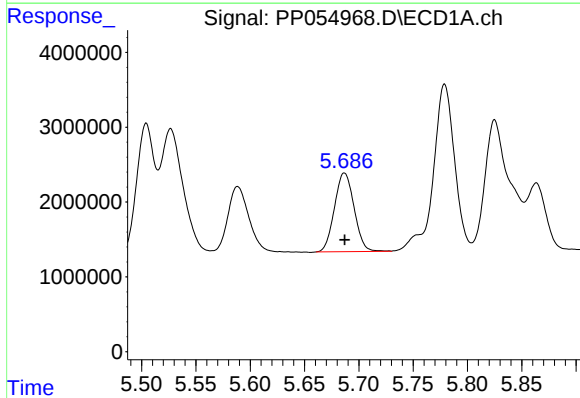
R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 12039329
Conc: 201.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



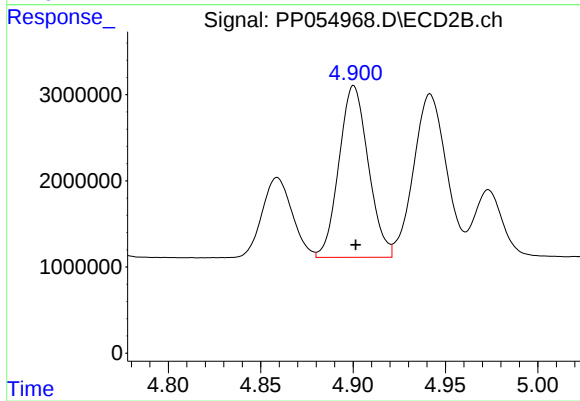
#5 AR-1016-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 10519131
Conc: 282.80 ng/ml



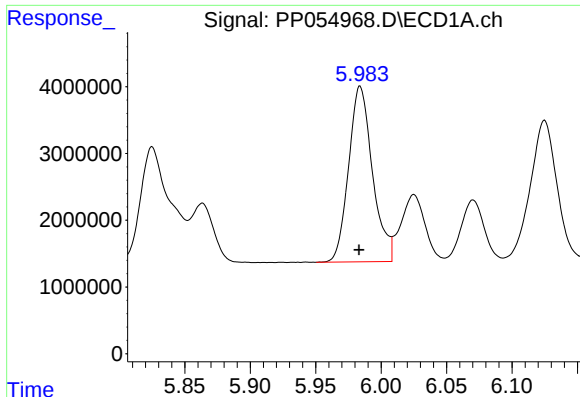
#6 AR-1016-4

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 13234773
Conc: 276.20 ng/ml



#6 AR-1016-4

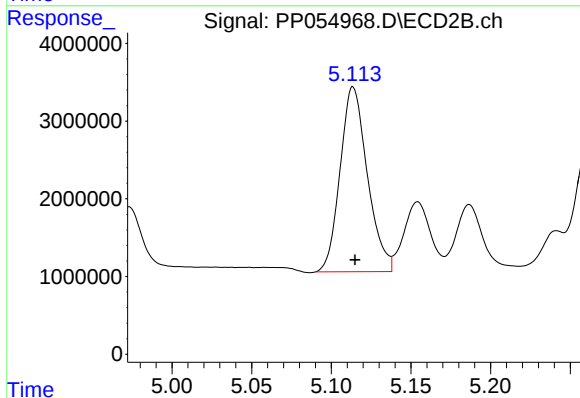
R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 21997854
Conc: 700.07 ng/ml



#7 AR-1016-5

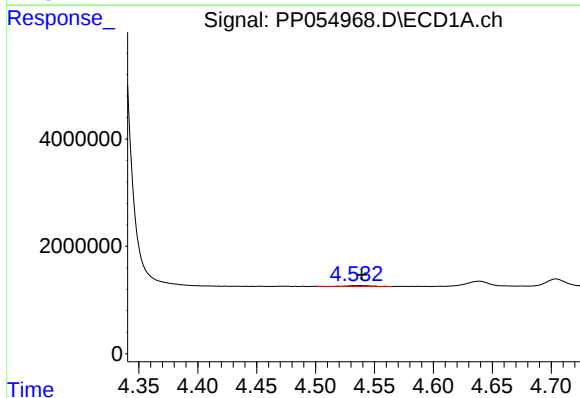
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 33350515
Conc: 658.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



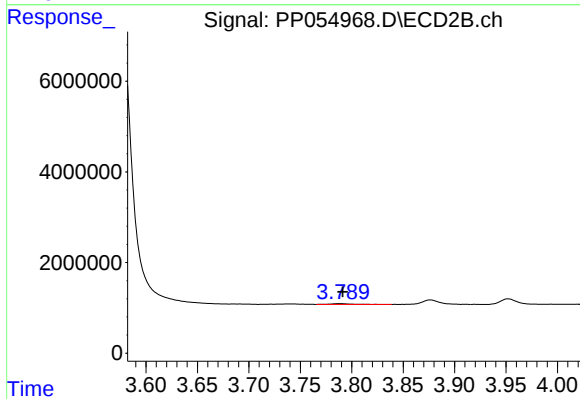
#7 AR-1016-5

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 28310539
Conc: 692.45 ng/ml



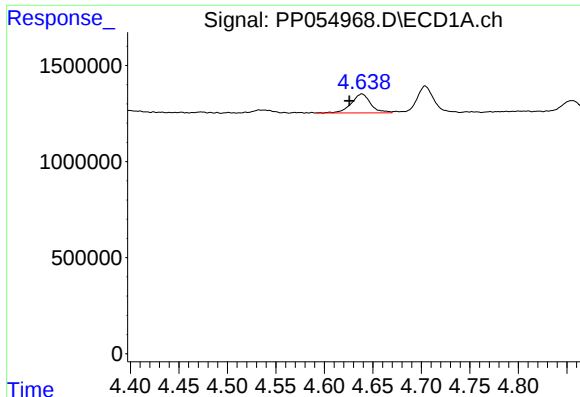
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 197464
Conc: 8.40 ng/ml



#8 AR-1221-1

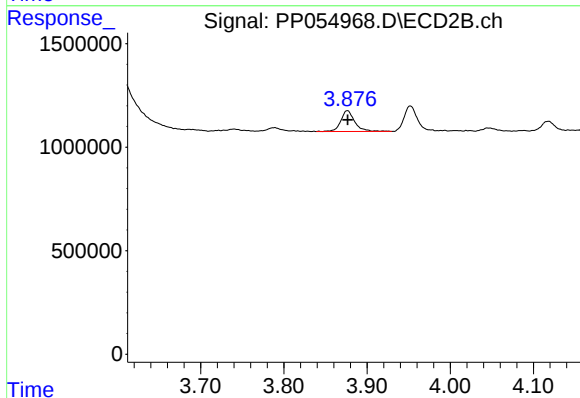
R.T.: 3.789 min
Delta R.T.: -0.002 min
Response: 248792
Conc: 12.55 ng/ml



#9 AR-1221-2

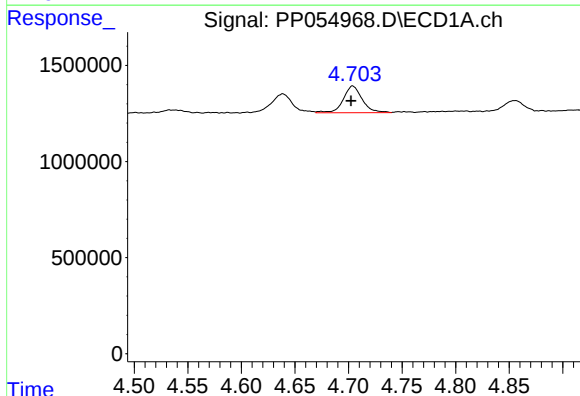
R.T.: 4.639 min
Delta R.T.: 0.013 min
Response: 1384036
Conc: 77.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



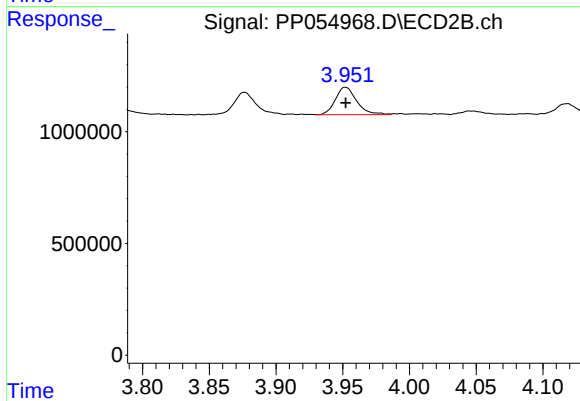
#9 AR-1221-2

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 1182747
Conc: 79.79 ng/ml



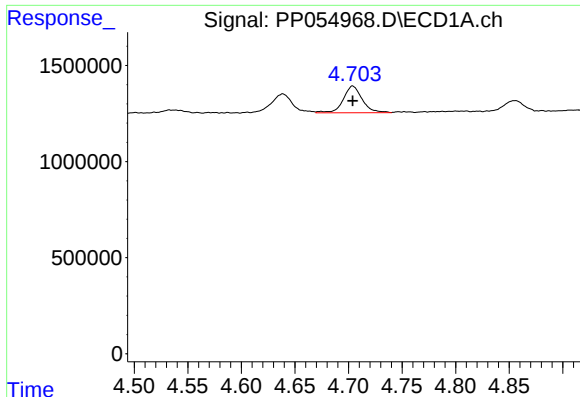
#10 AR-1221-3

R.T.: 4.704 min
Delta R.T.: 0.002 min
Response: 1712346
Conc: 31.82 ng/ml



#10 AR-1221-3

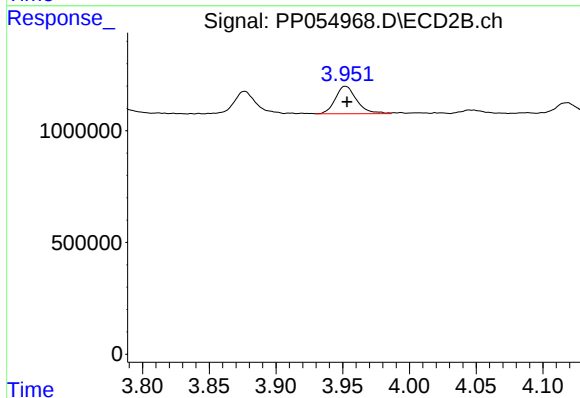
R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 1367289
Conc: 30.31 ng/ml



#11 AR-1232-1

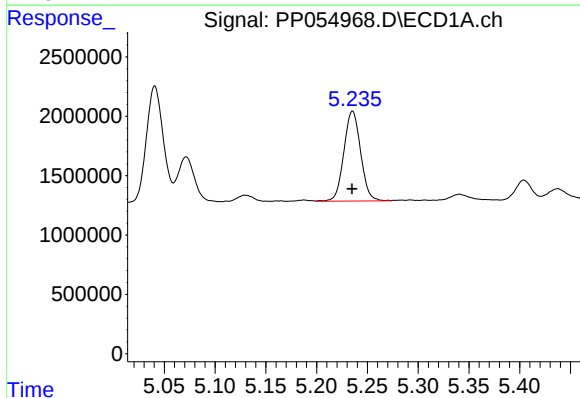
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: 1712346
Conc: 38.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



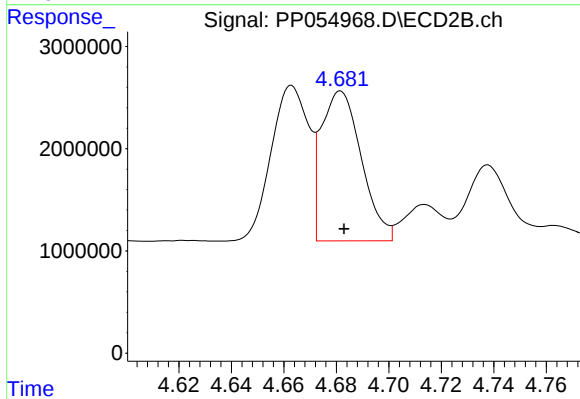
#11 AR-1232-1

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 1367289
Conc: 37.09 ng/ml



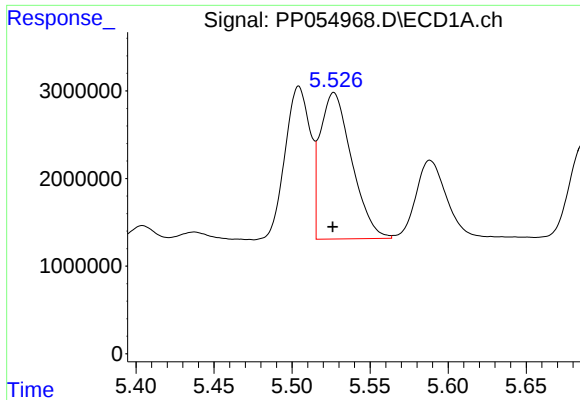
#12 AR-1232-2

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 8685119
Conc: 384.05 ng/ml



#12 AR-1232-2

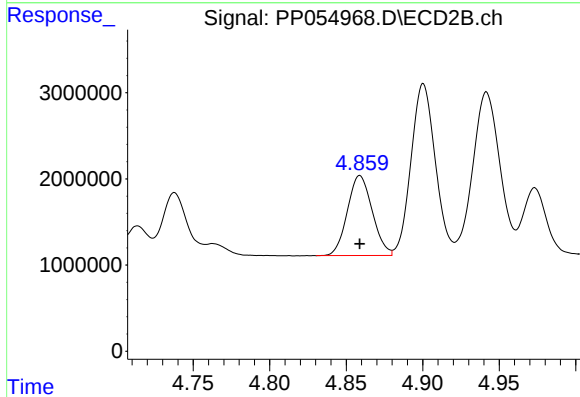
R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 15541716
Conc: 486.55 ng/ml



#13 AR-1232-3

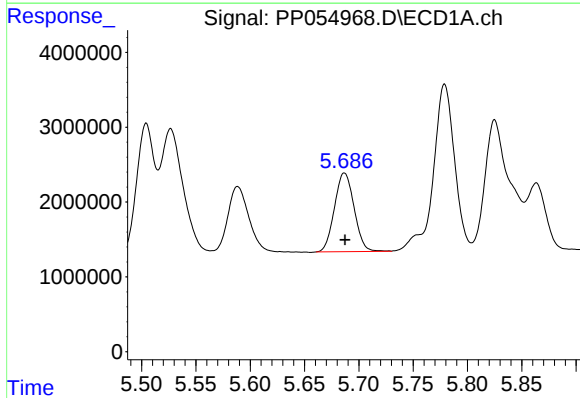
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 23523324
Conc: 535.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



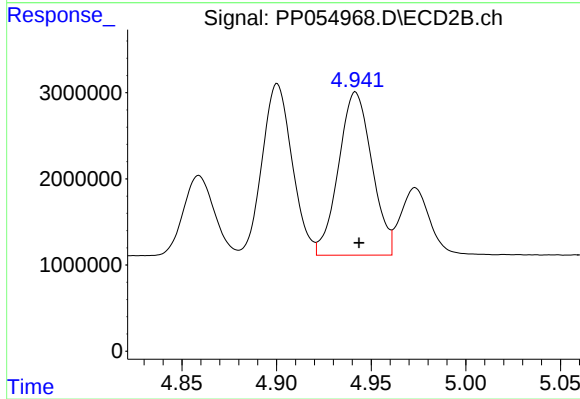
#13 AR-1232-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 10519131
Conc: 630.98 ng/ml



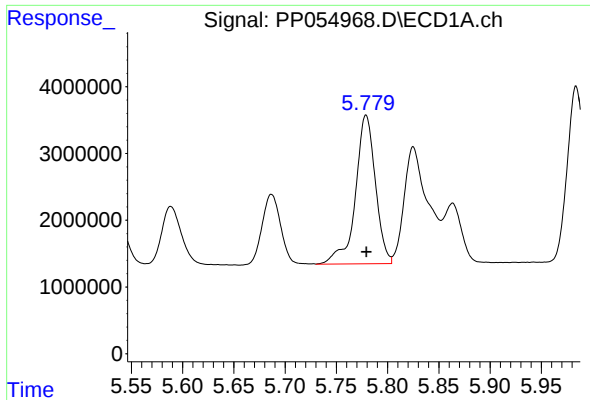
#14 AR-1232-4

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 13234773
Conc: 597.93 ng/ml



#14 AR-1232-4

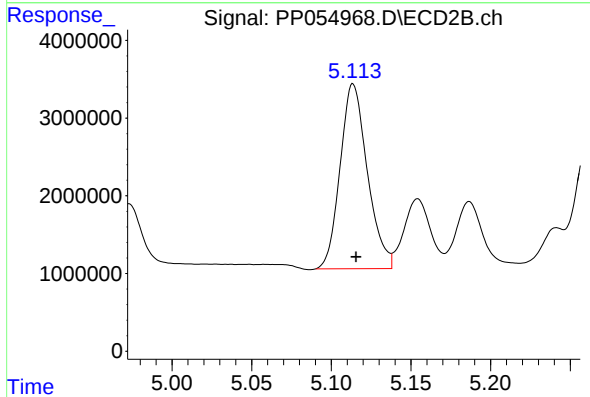
R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 23250577
Conc: 1441.80 ng/ml



#15 AR-1232-5

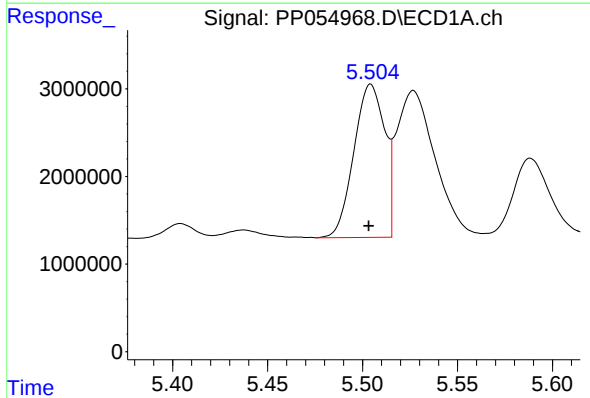
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 30266697
Conc: 1728.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



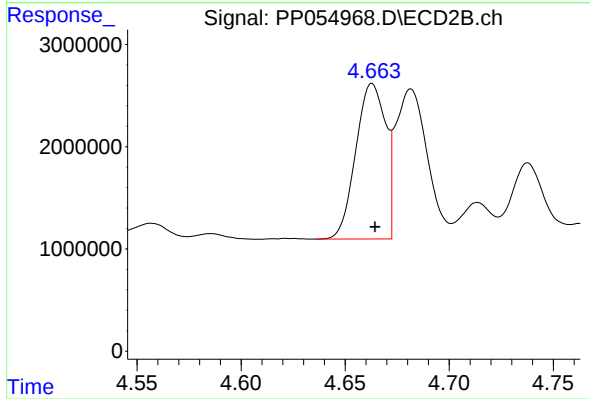
#15 AR-1232-5

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 28310539
Conc: 1602.95 ng/ml



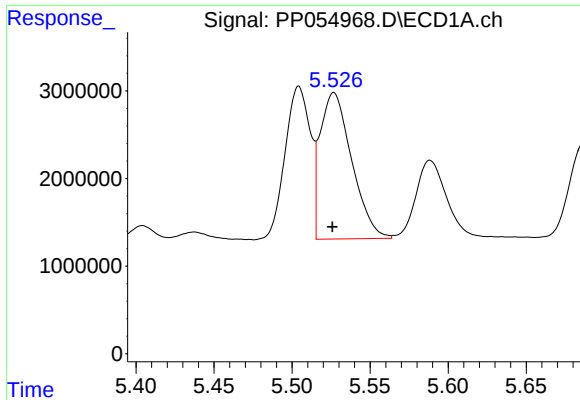
#16 AR-1242-1

R.T.: 5.504 min
Delta R.T.: 0.001 min
Response: 19702535
Conc: 351.90 ng/ml



#16 AR-1242-1

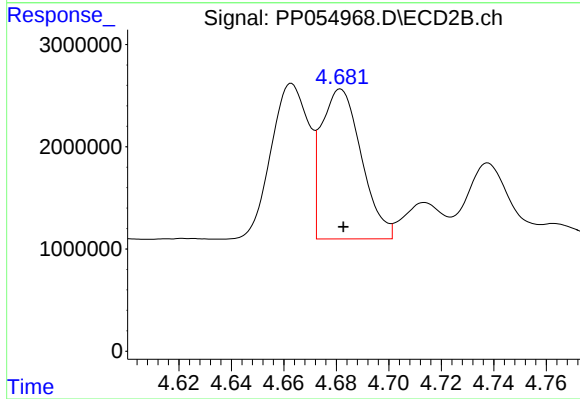
R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 15176251
Conc: 370.49 ng/ml



#17 AR-1242-2

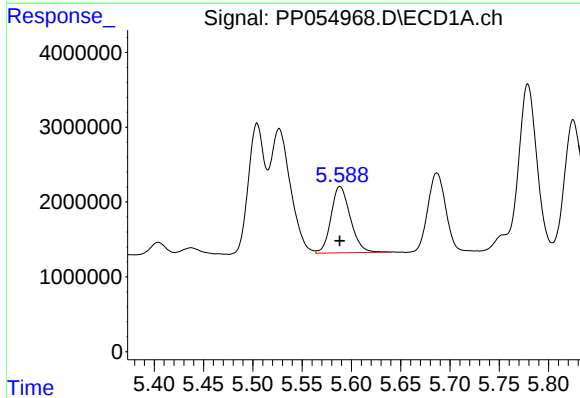
R.T.: 5.527 min
Delta R.T.: 0.001 min
Response: 23523324
Conc: 294.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



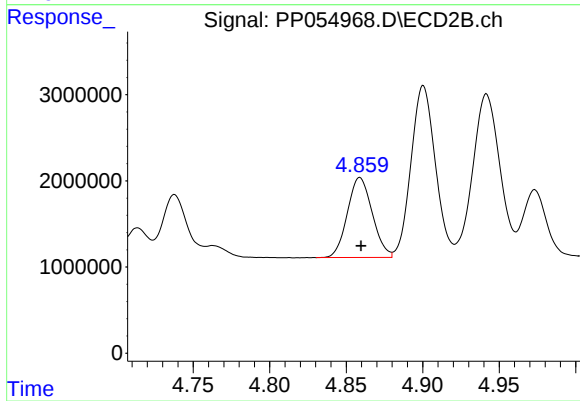
#17 AR-1242-2

R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 15541716
Conc: 272.18 ng/ml



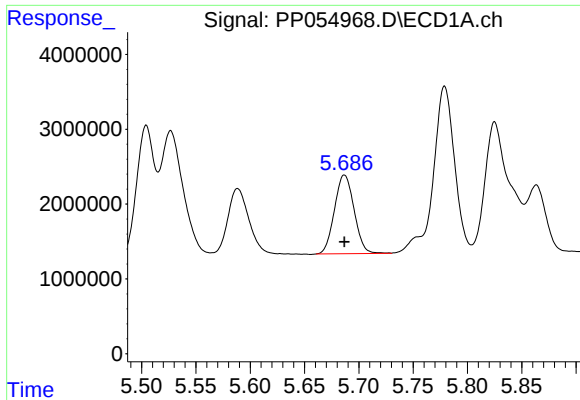
#18 AR-1242-3

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 12039329
Conc: 242.43 ng/ml



#18 AR-1242-3

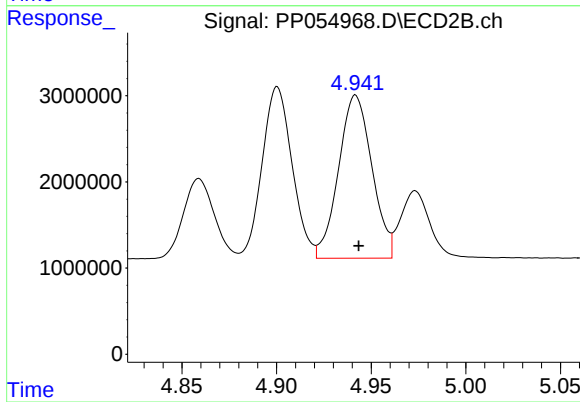
R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 10519131
Conc: 340.78 ng/ml



#19 AR-1242-4

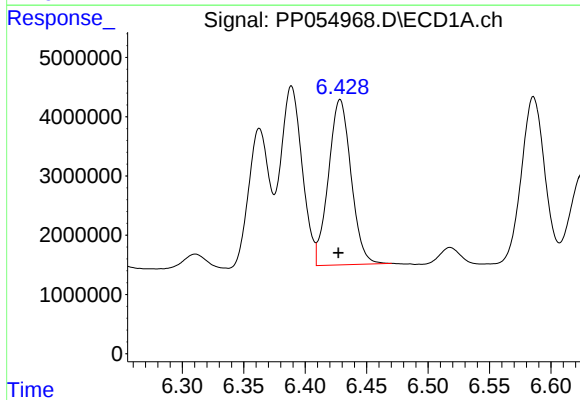
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 13234773
Conc: 330.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



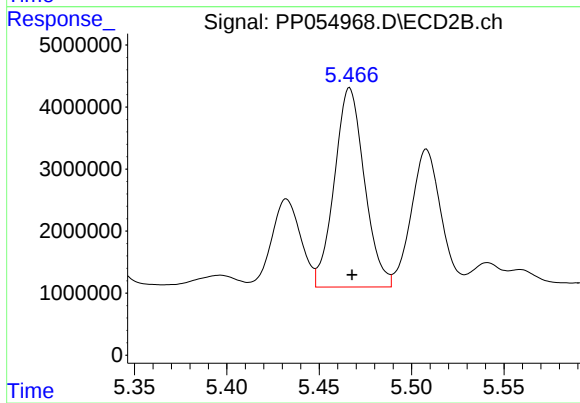
#19 AR-1242-4

R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 23250577
Conc: 715.69 ng/ml



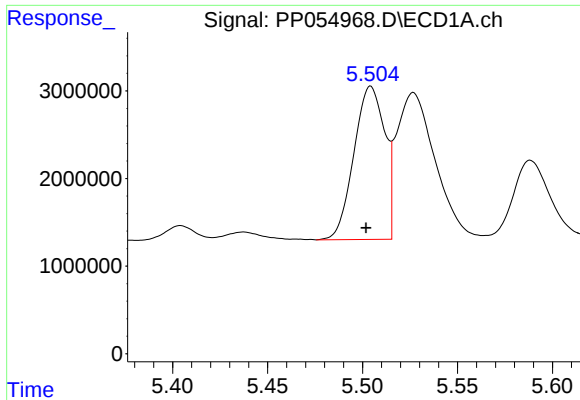
#20 AR-1242-5

R.T.: 6.428 min
Delta R.T.: 0.001 min
Response: 35713038
Conc: 803.20 ng/ml



#20 AR-1242-5

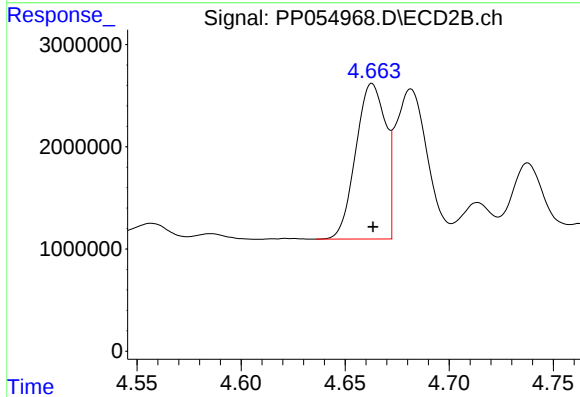
R.T.: 5.466 min
Delta R.T.: -0.001 min
Response: 36357424
Conc: 972.86 ng/ml



#21 AR-1248-1

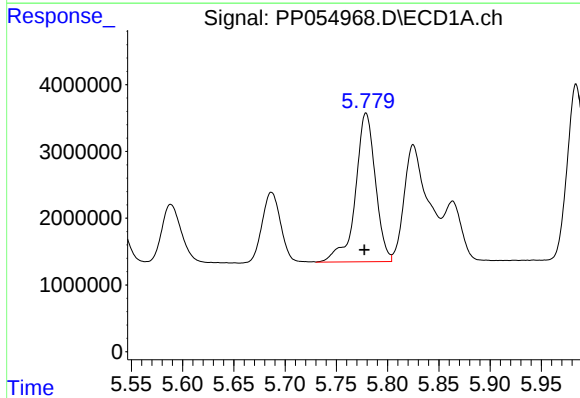
R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 19702535
Conc: 472.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



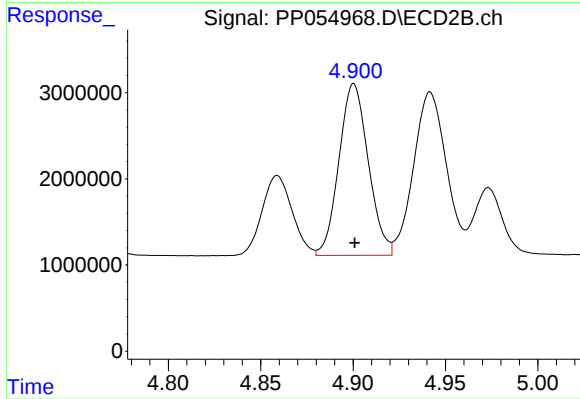
#21 AR-1248-1

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 15176251
Conc: 489.51 ng/ml



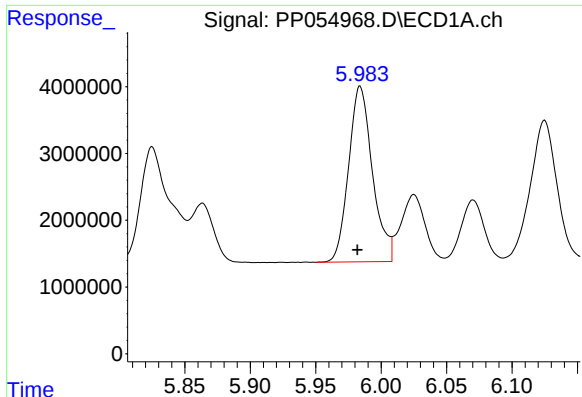
#22 AR-1248-2

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 30266697
Conc: 476.08 ng/ml



#22 AR-1248-2

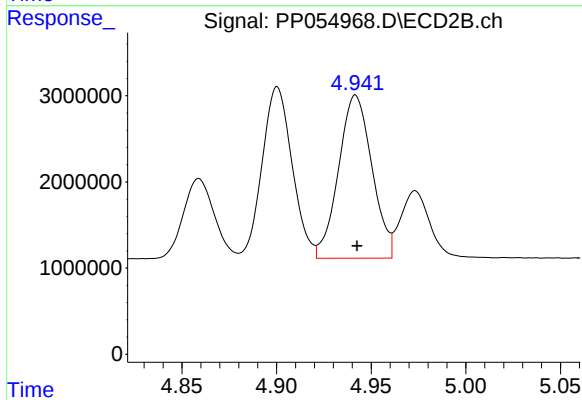
R.T.: 4.900 min
Delta R.T.: 0.000 min
Response: 21997854
Conc: 481.06 ng/ml



#23 AR-1248-3

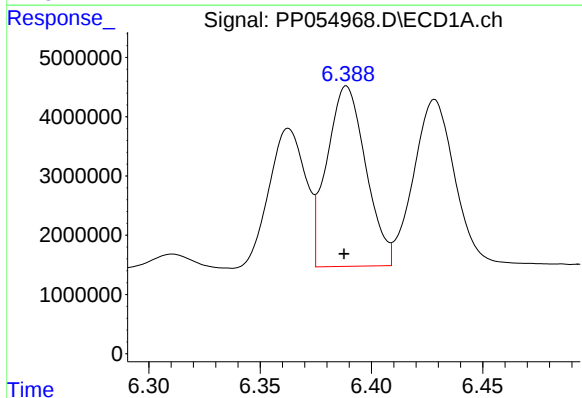
R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 33350515
Conc: 482.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



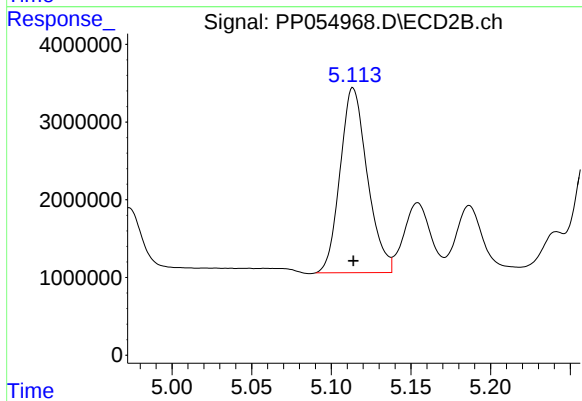
#23 AR-1248-3

R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 23250577
Conc: 487.71 ng/ml



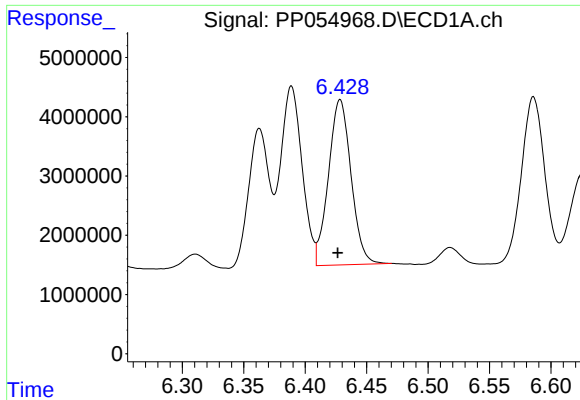
#24 AR-1248-4

R.T.: 6.389 min
Delta R.T.: 0.001 min
Response: 36972743
Conc: 487.55 ng/ml



#24 AR-1248-4

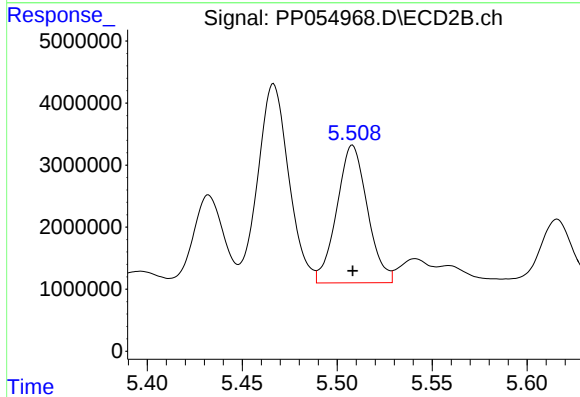
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 28310539
Conc: 512.62 ng/ml



#25 AR-1248-5

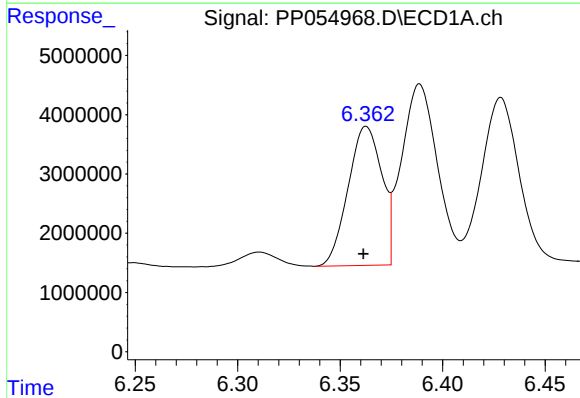
R.T.: 6.428 min
Delta R.T.: 0.002 min
Response: 35713038
Conc: 483.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



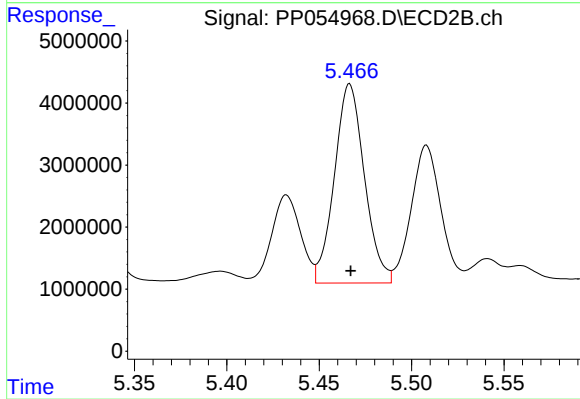
#25 AR-1248-5

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 24909536
Conc: 506.59 ng/ml



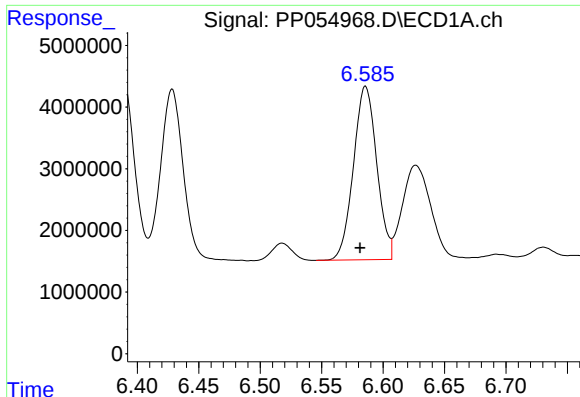
#26 AR-1254-1

R.T.: 6.363 min
Delta R.T.: 0.001 min
Response: 26874895
Conc: 340.65 ng/ml



#26 AR-1254-1

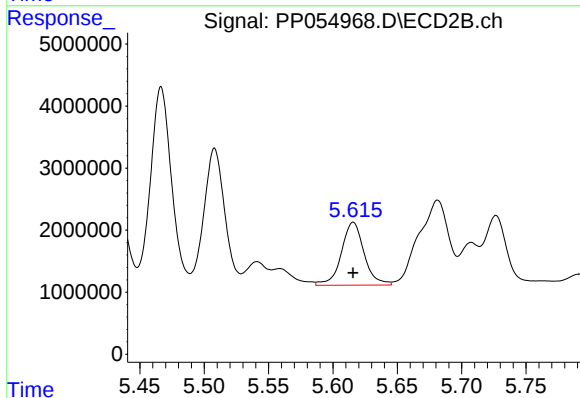
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 36357424
Conc: 450.20 ng/ml



#27 AR-1254-2

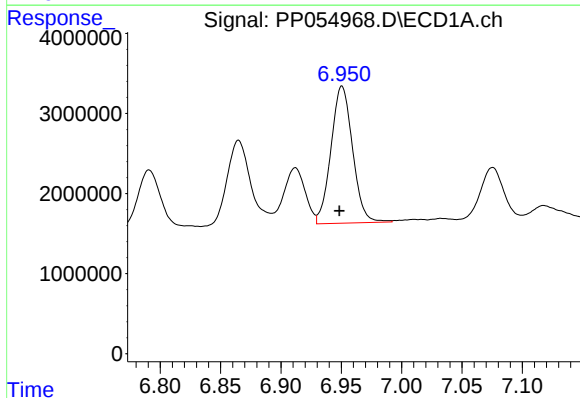
R.T.: 6.586 min
Delta R.T.: 0.004 min
Response: 37189098
Conc: 307.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



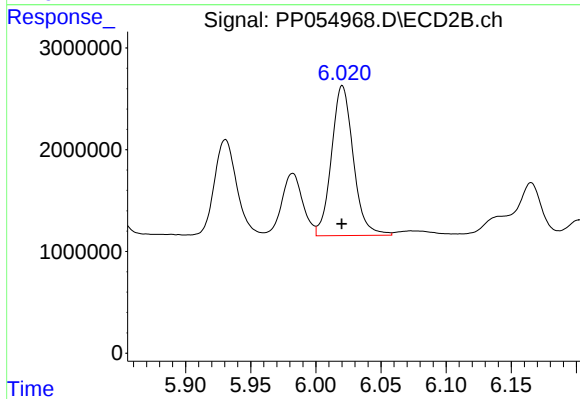
#27 AR-1254-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 12480856
Conc: 174.40 ng/ml



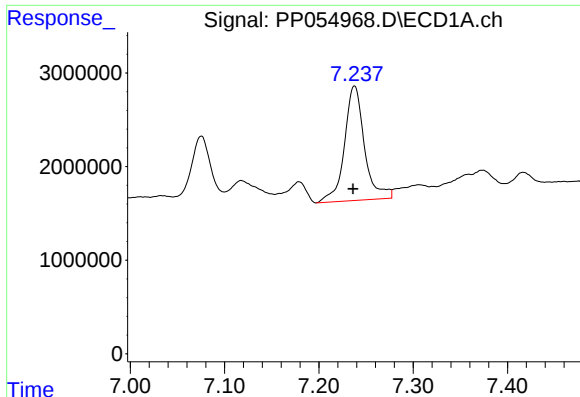
#28 AR-1254-3

R.T.: 6.951 min
Delta R.T.: 0.002 min
Response: 21333969
Conc: 174.17 ng/ml



#28 AR-1254-3

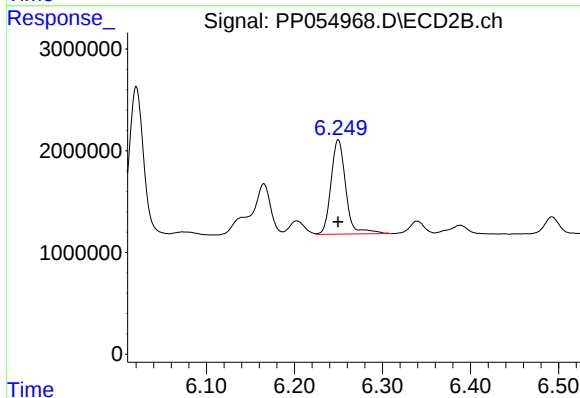
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 17174948
Conc: 154.16 ng/ml



#29 AR-1254-4

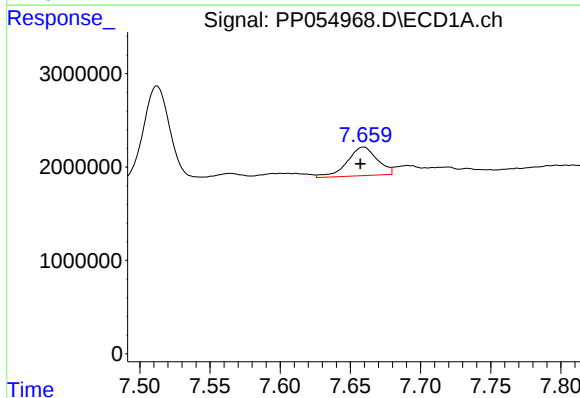
R.T.: 7.238 min
Delta R.T.: 0.001 min
Response: 18066467
Conc: 205.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



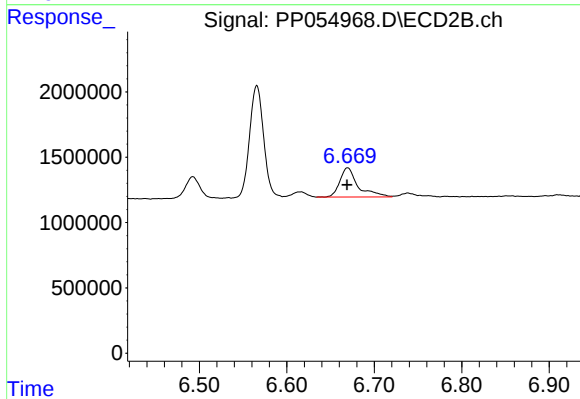
#29 AR-1254-4

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 10833043
Conc: 176.13 ng/ml



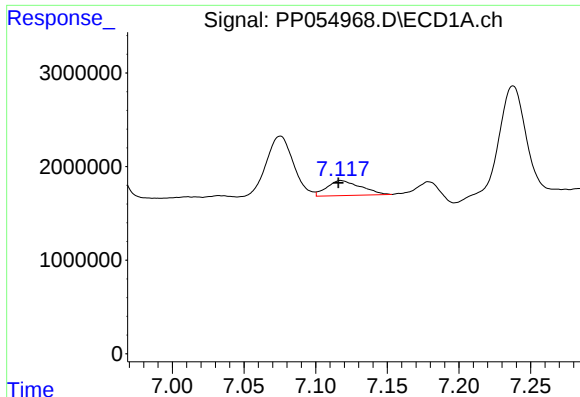
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: 0.002 min
Response: 4604395
Conc: 45.52 ng/ml



#30 AR-1254-5

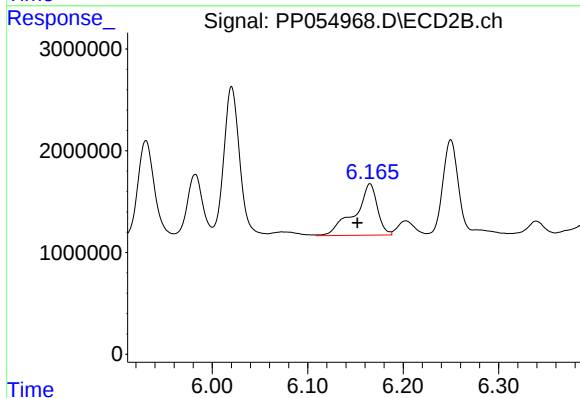
R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 3242866
Conc: 34.21 ng/ml



#31 AR-1260-1

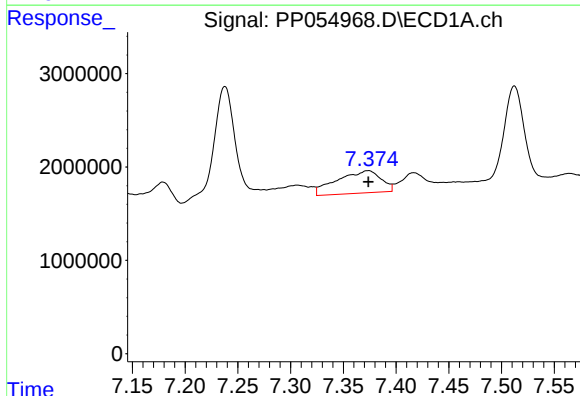
R.T.: 7.118 min
Delta R.T.: 0.002 min
Response: 2628472
Conc: 27.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



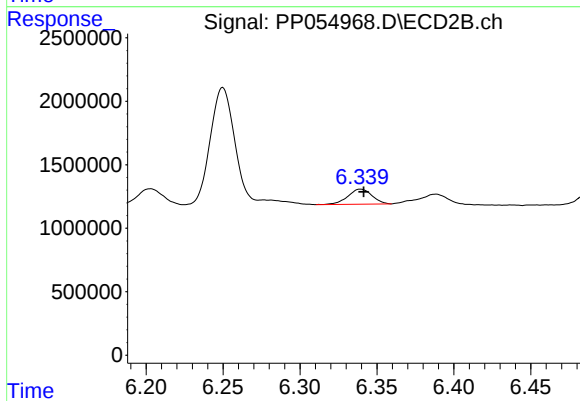
#31 AR-1260-1

R.T.: 6.165 min
Delta R.T.: 0.013 min
Response: 8296510
Conc: 106.99 ng/ml



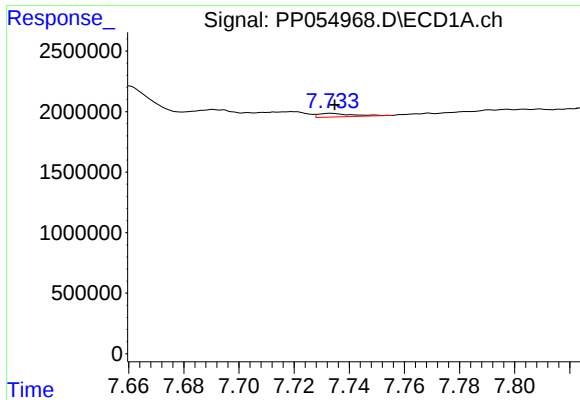
#32 AR-1260-2

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 6959947
Conc: 61.84 ng/ml



#32 AR-1260-2

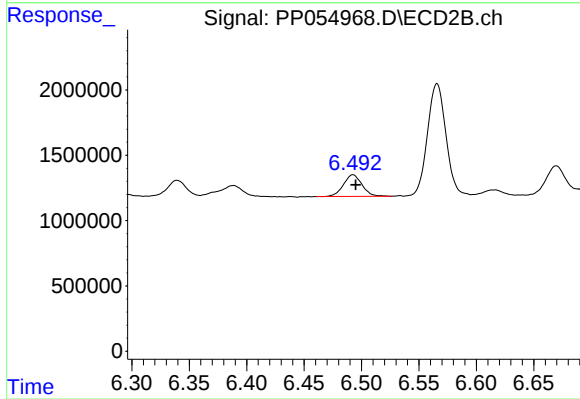
R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 1284654
Conc: 14.29 ng/ml



#33 AR-1260-3

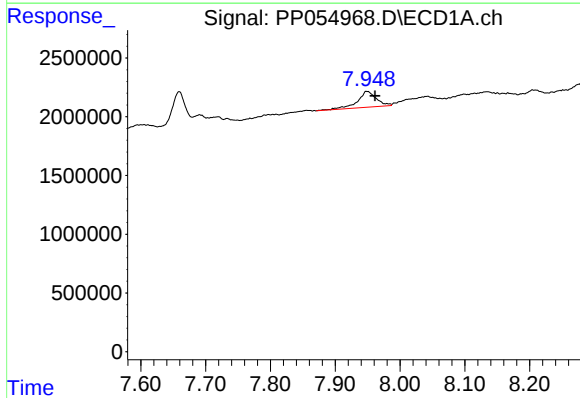
R.T.: 7.733 min
Delta R.T.: -0.001 min
Response: 252538
Conc: 3.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



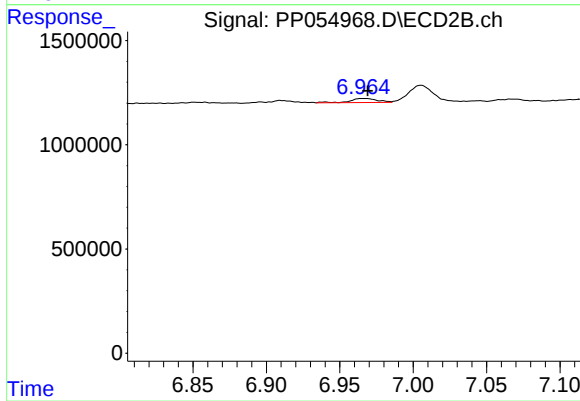
#33 AR-1260-3

R.T.: 6.493 min
Delta R.T.: -0.002 min
Response: 1872880
Conc: 22.06 ng/ml



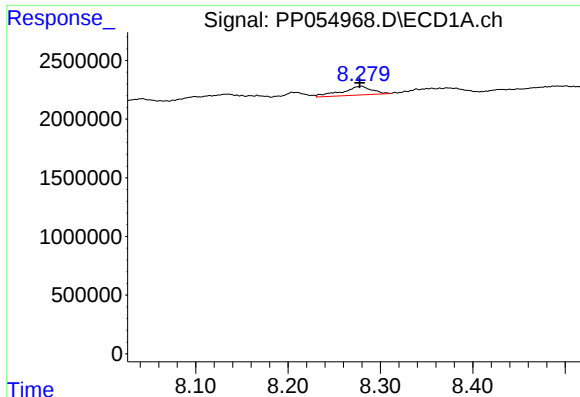
#34 AR-1260-4

R.T.: 7.949 min
Delta R.T.: -0.013 min
Response: 2783389
Conc: 28.67 ng/ml



#34 AR-1260-4

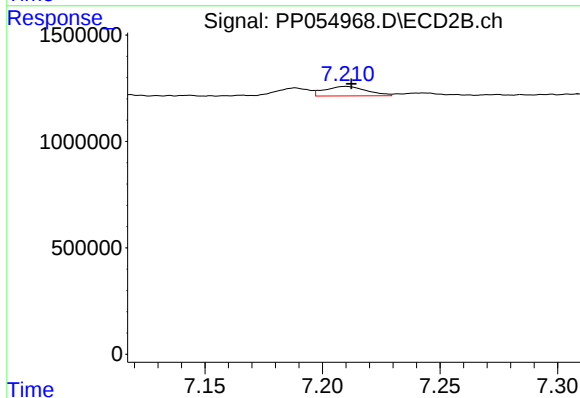
R.T.: 6.966 min
Delta R.T.: -0.003 min
Response: 246164
Conc: 3.44 ng/ml



#35 AR-1260-5

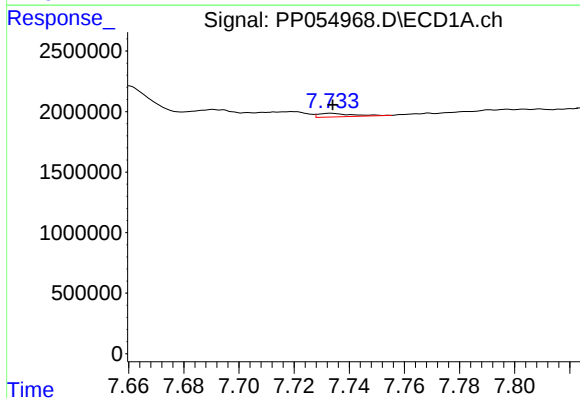
R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 1675323
Conc: 9.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



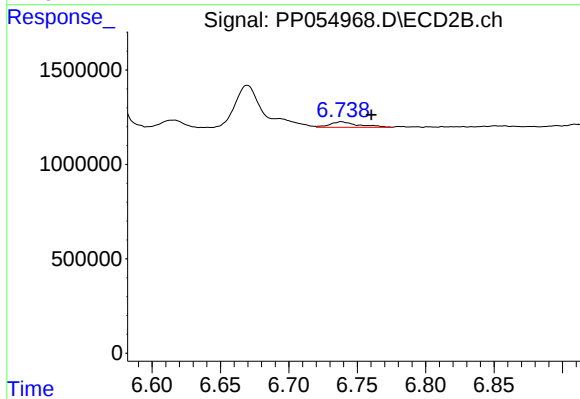
#35 AR-1260-5

R.T.: 7.210 min
Delta R.T.: -0.002 min
Response: 546943
Conc: 3.56 ng/ml



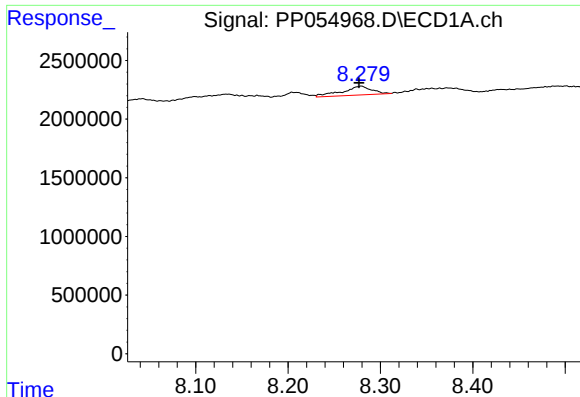
#36 AR-1262-1

R.T.: 7.733 min
Delta R.T.: 0.000 min
Response: 252538
Conc: 2.14 ng/ml



#36 AR-1262-1

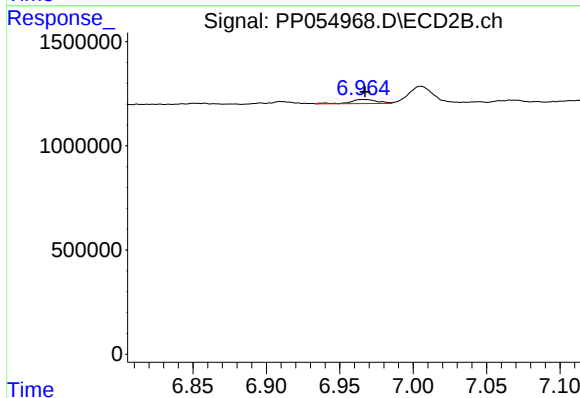
R.T.: 6.738 min
Delta R.T.: -0.022 min
Response: 422602
Conc: 9.84 ng/ml



#37 AR-1262-2

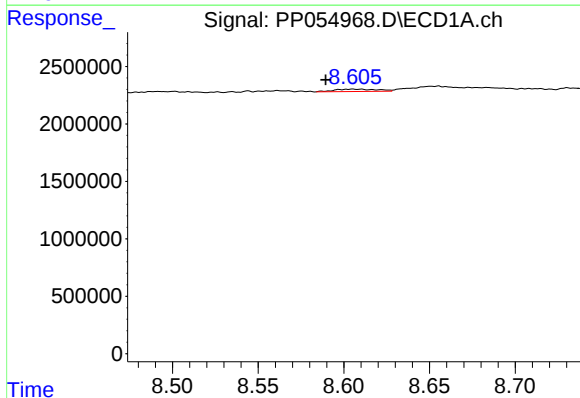
R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 1675323
Conc: 8.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



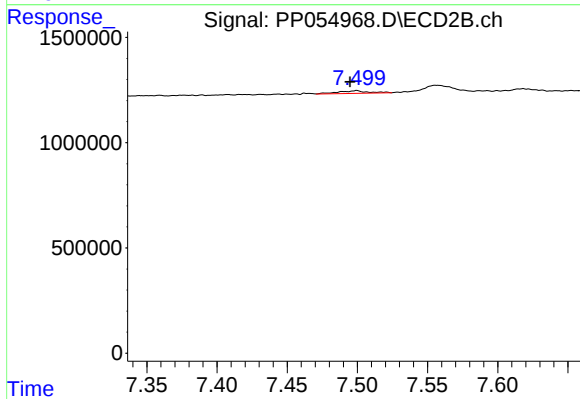
#37 AR-1262-2

R.T.: 6.966 min
Delta R.T.: -0.001 min
Response: 246164
Conc: 2.66 ng/ml



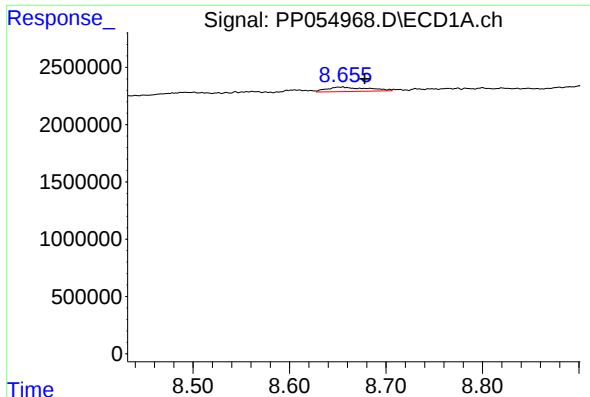
#38 AR-1262-3

R.T.: 8.605 min
Delta R.T.: 0.016 min
Response: 365476
Conc: 2.63 ng/ml



#38 AR-1262-3

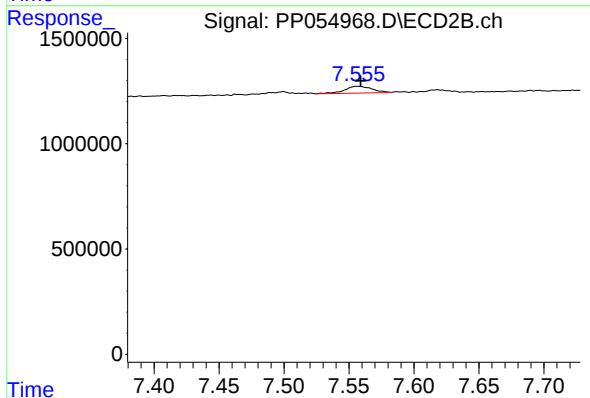
R.T.: 7.500 min
Delta R.T.: 0.005 min
Response: 192706
Conc: 2.64 ng/ml



#39 AR-1262-4

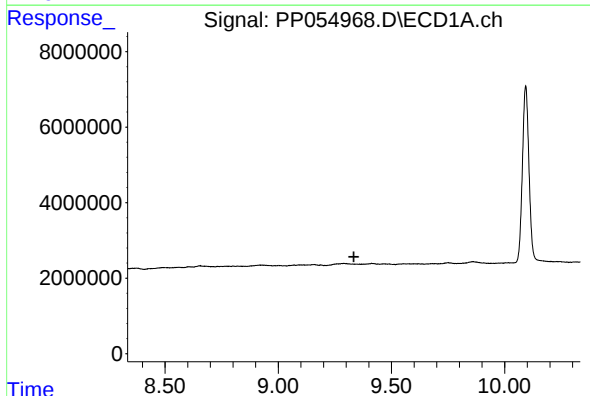
R.T.: 8.655 min
Delta R.T.: -0.023 min
Response: 1139416
Conc: 14.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



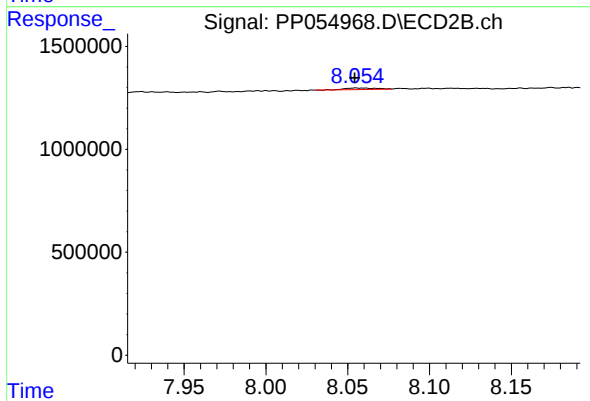
#39 AR-1262-4

R.T.: 7.557 min
Delta R.T.: -0.002 min
Response: 469824
Conc: 3.59 ng/ml



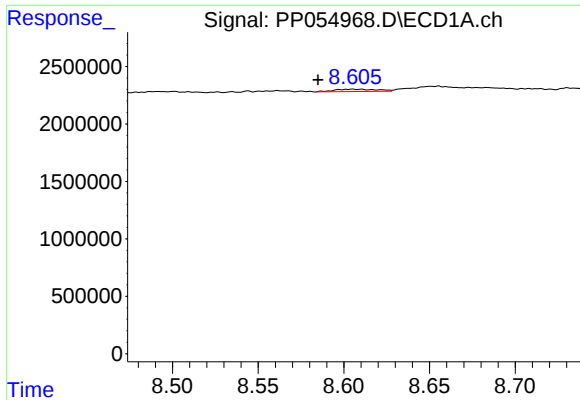
#40 AR-1262-5

R.T.: 9.329 min
Delta R.T.: -0.005 min
Response: -6979
Conc: N.D.



#40 AR-1262-5

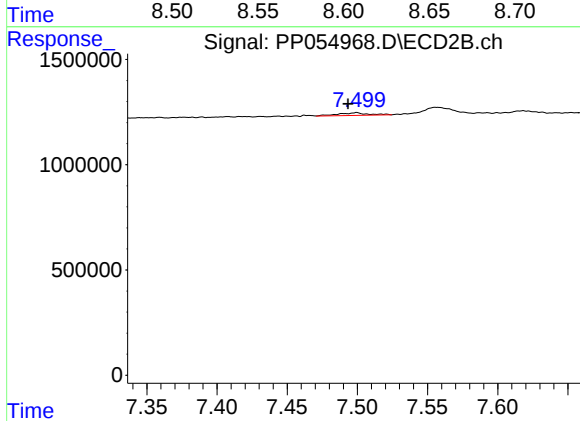
R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 103447
Conc: 1.74 ng/ml



#41 AR-1268-1

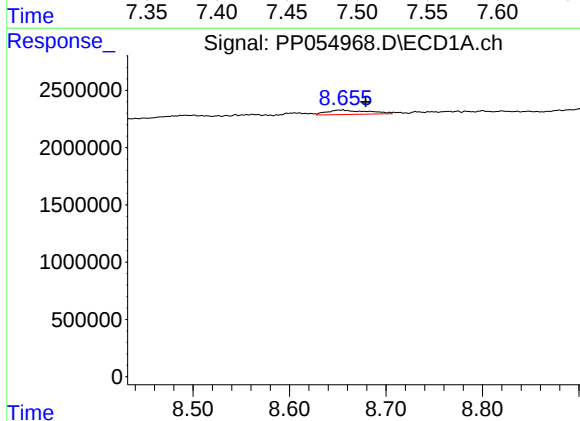
R.T.: 8.605 min
Delta R.T.: 0.020 min
Response: 365476
Conc: 1.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



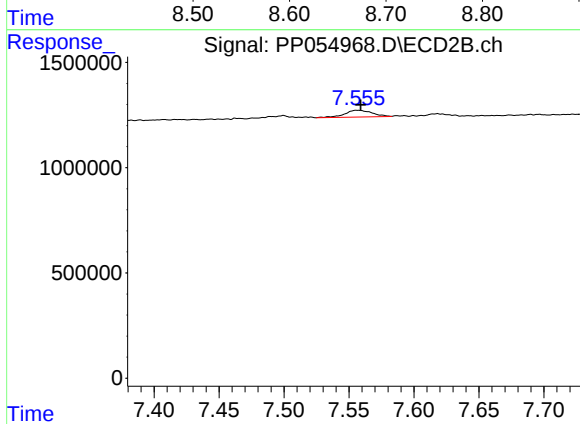
#41 AR-1268-1

R.T.: 7.500 min
Delta R.T.: 0.006 min
Response: 192706
Conc: 0.89 ng/ml



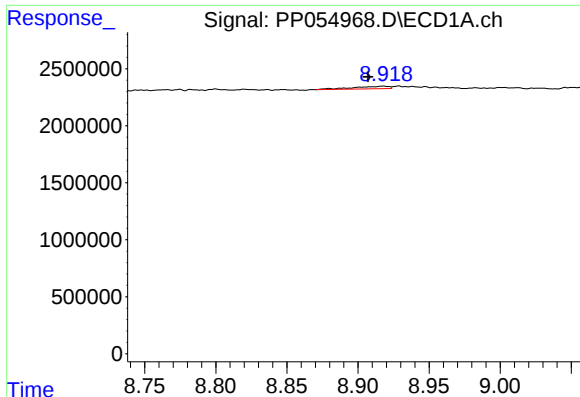
#42 AR-1268-2

R.T.: 8.655 min
Delta R.T.: -0.024 min
Response: 1139416
Conc: 5.02 ng/ml



#42 AR-1268-2

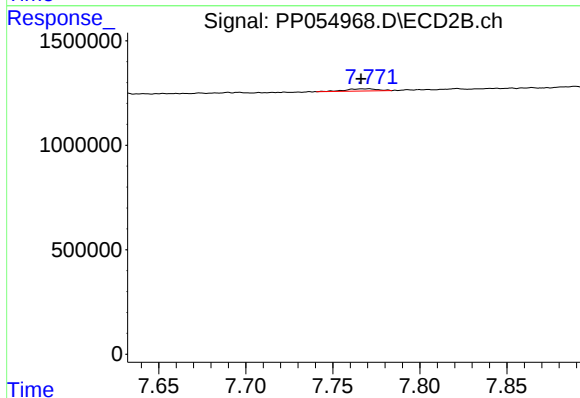
R.T.: 7.557 min
Delta R.T.: -0.002 min
Response: 469824
Conc: 2.41 ng/ml



#43 AR-1268-3

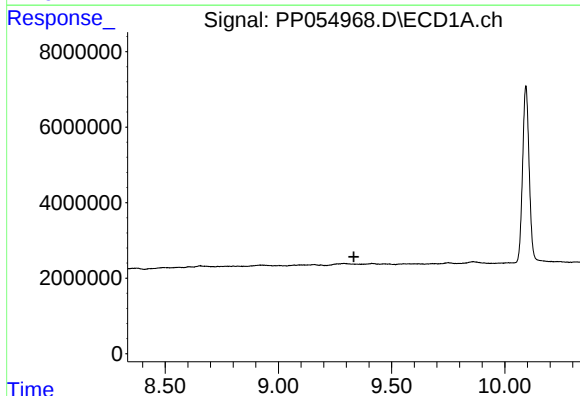
R.T.: 8.918 min
Delta R.T.: 0.011 min
Response: 395254
Conc: 1.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



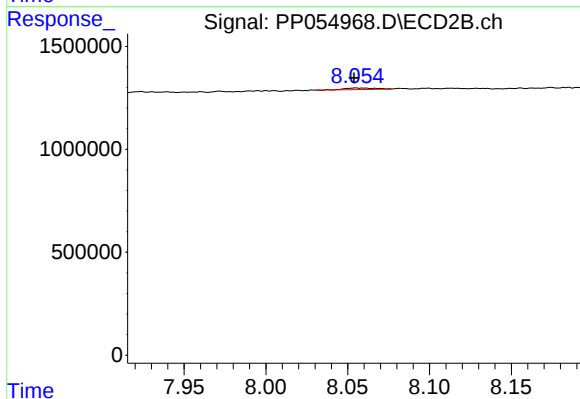
#43 AR-1268-3

R.T.: 7.771 min
Delta R.T.: 0.004 min
Response: 131940
Conc: 0.77 ng/ml



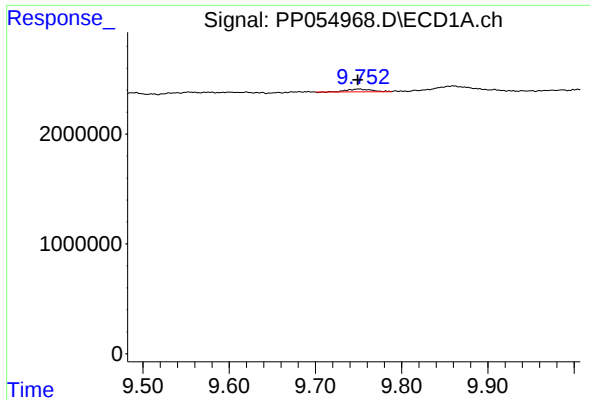
#44 AR-1268-4

R.T.: 9.329 min
Delta R.T.: -0.005 min
Response: -6979
Conc: N.D.



#44 AR-1268-4

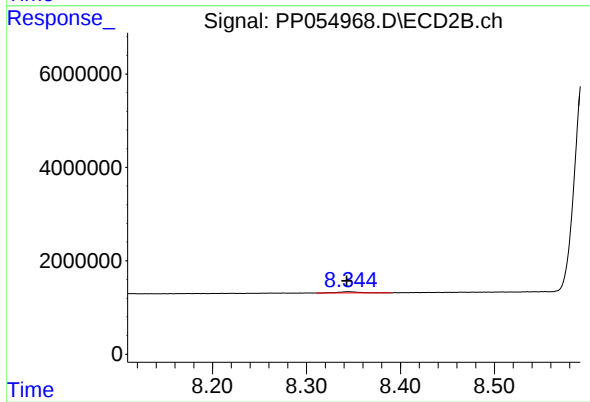
R.T.: 8.055 min
Delta R.T.: 0.001 min
Response: 103447
Conc: 1.62 ng/ml



#45 AR-1268-5

R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 483480
Conc: 0.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: 0.001 min
Response: 394705
Conc: 0.75 ng/ml