

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081822\
 Data File : PP050700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2022 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: Aug 18 22:55:02 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...	4.347	3.592	79899686	163.8E6	49.638	52.292
2)	SA Decachlor...	10.102	8.556	74831388	66789796	42.496	43.396
Target Compounds							
3)	L1 AR-1016-1	5.524	4.663	18314856	32038011	292.498	315.195
4)	L1 AR-1016-2	5.547	4.682	21430224	33457059	242.002	231.309
5)	L1 AR-1016-3	5.609	4.857	9811695	20710382	179.526	272.925 #
6)	L1 AR-1016-4	5.708	4.898	11999172	38981581	260.206	669.029 #
7)	L1 AR-1016-5	6.003	5.109	29529321	51498072	660.907	674.006
8)	L2 AR-1221-1	4.564	3.802	484696	523899	24.532	13.707 #
9)	L2 AR-1221-2	4.655	3.888	1778297	2797564	119.755	97.969
10)	L2 AR-1221-3	4.724	3.961	1911858	2764491	42.494	32.291
11)	L3 AR-1232-1	4.724	3.961	1911858	2764491	51.144	39.601
12)	L3 AR-1232-2	5.254	4.682	7658579	33457059	422.876	520.402
13)	L3 AR-1232-3	5.547	4.857	21430224	20710382	544.252	617.480
14)	L3 AR-1232-4	5.708	4.939	11999172	43224768	593.053	1467.242 #
15)	L3 AR-1232-5	5.797	5.109	25689050	51498072	1643.192	1563.837
16)	L4 AR-1242-1	5.524	4.663	18314856	32038011	361.369	386.467
17)	L4 AR-1242-2	5.547	4.682	21430224	33457059	296.655	286.497
18)	L4 AR-1242-3	5.609	4.857	9811695	20710382	221.867	337.739 #
19)	L4 AR-1242-4	5.708	4.939	11999172	43224768	322.003	738.386 #
20)	L4 AR-1242-5	6.449	5.459	33634090	68152648	796.990	980.475
21)	L5 AR-1248-1	5.524	4.663	18314856	32038011	453.593	479.364
22)	L5 AR-1248-2	5.797	4.898	25689050	38981581	459.831	451.258
23)	L5 AR-1248-3	6.003	4.939	29529321	43224768	461.615	476.804
24)	L5 AR-1248-4	6.410	5.109	35516525	51498072	448.990	488.603
25)	L5 AR-1248-5	6.449	5.499	33634090	47882031	443.054	482.250
26)	L6 AR-1254-1	6.381	5.459	27408315	68152648	370.457	479.539 #
27)	L6 AR-1254-2	6.607	5.605	34253633	20008263	294.853	169.067 #
28)	L6 AR-1254-3	6.971	6.007	18534571	26508046	149.576	154.053
29)	L6 AR-1254-4	7.258	6.235	14820392	19633965	151.468	186.090
30)	L6 AR-1254-5	7.678	6.650	3291186	4849119	32.805	36.417
31)	L7 AR-1260-1	7.131	6.127	3270593	4496386	35.810	39.680
32)	L7 AR-1260-2	7.386	6.321	4464687	2577885	39.078	19.189 #
33)	L7 AR-1260-3	7.741	6.475	846337	2852741	9.939	23.681 #
34)	L7 AR-1260-4	7.971	6.947	1988081	292135	20.886	3.295 #
35)	L7 AR-1260-5	8.299	7.187	889971	734512	4.761	3.768
36)	L8 AR-1262-1	7.741	0.000	846337	0	7.067	N.D. #
37)	L8 AR-1262-2	8.299	6.947	889971	292135	4.119	2.689 #
39)	L8 AR-1262-4	8.663f	7.531	913874	654515	14.215	4.747 #
40)	L8 AR-1262-5	9.355	0.000	976217	0	12.367	N.D. #
42)	L9 AR-1268-2	8.663f	7.531	913874	654515	3.747	3.286
43)	L9 AR-1268-3	8.926	0.000	380494	0	1.916	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	9.355	0.000	976217	0	11.326	N.D. #
45) L9	AR-1268-5	9.787f	8.310	2615623	307546	3.922	0.559 #

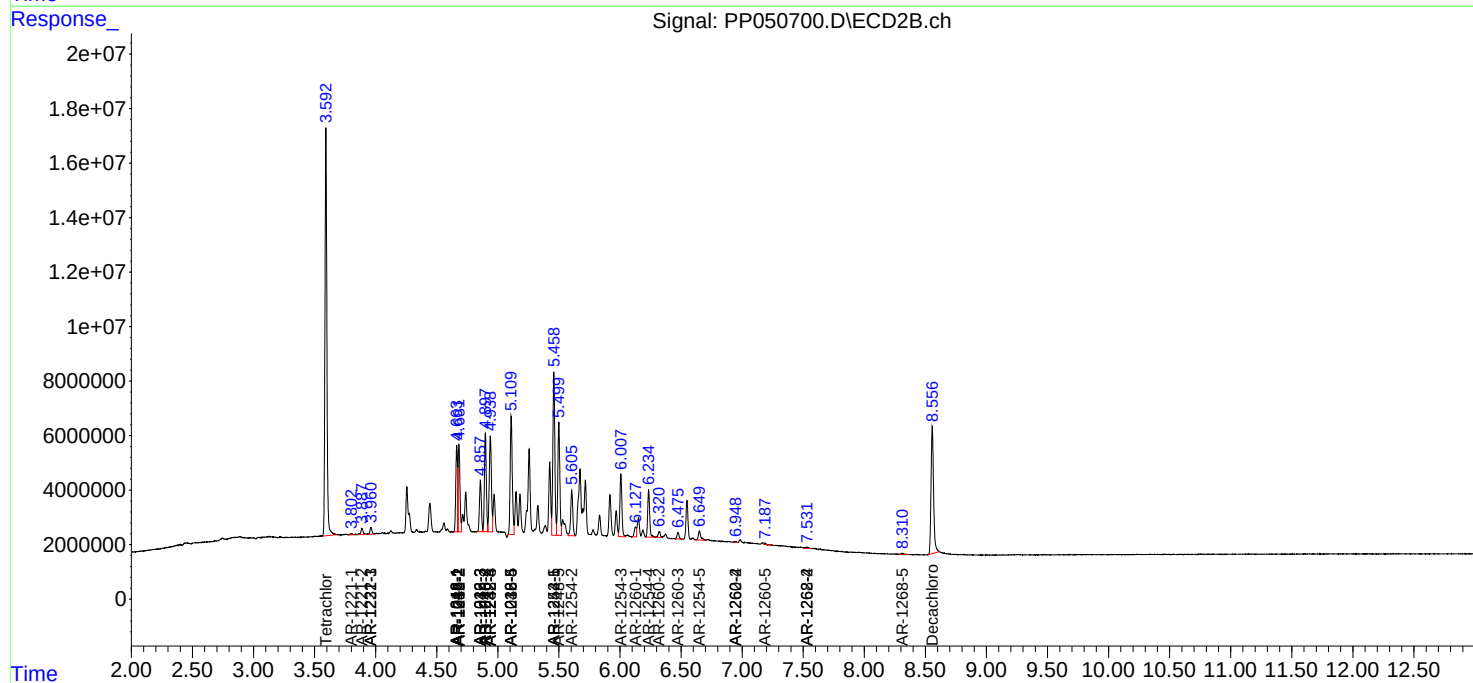
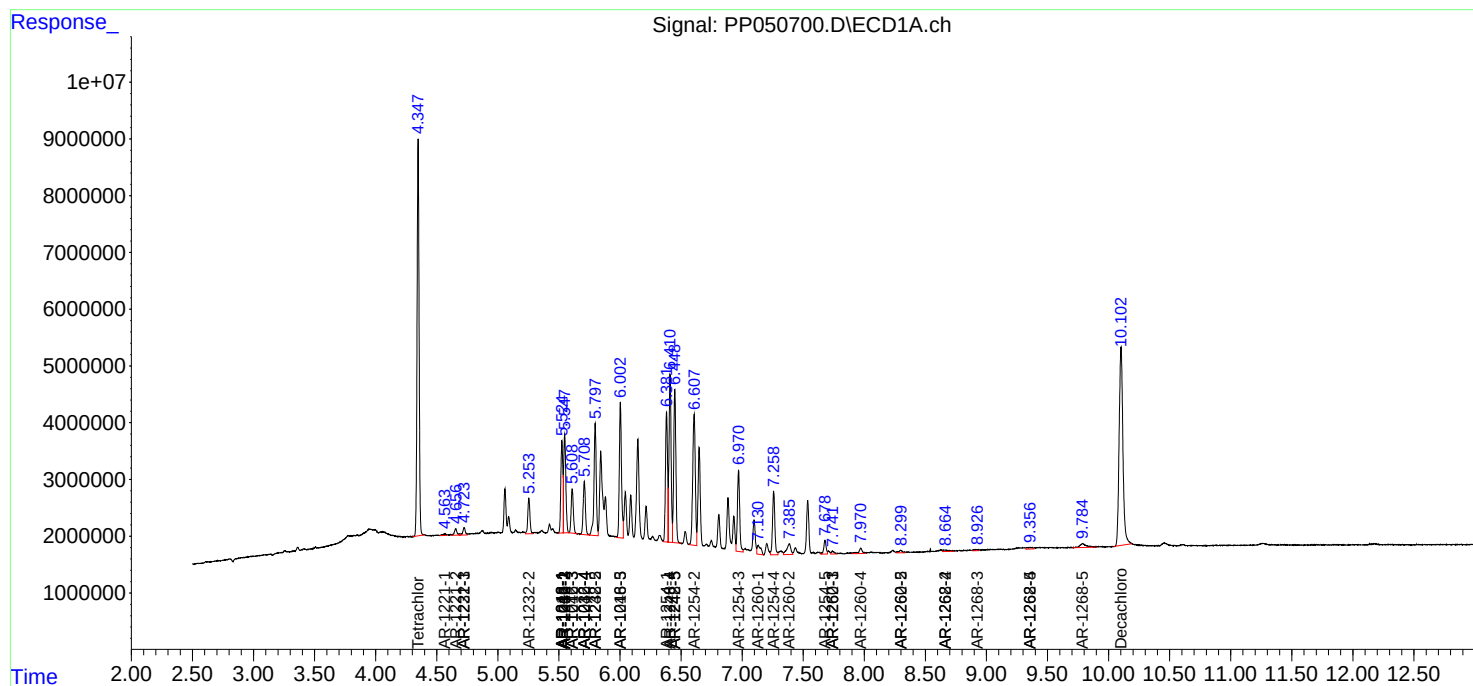
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

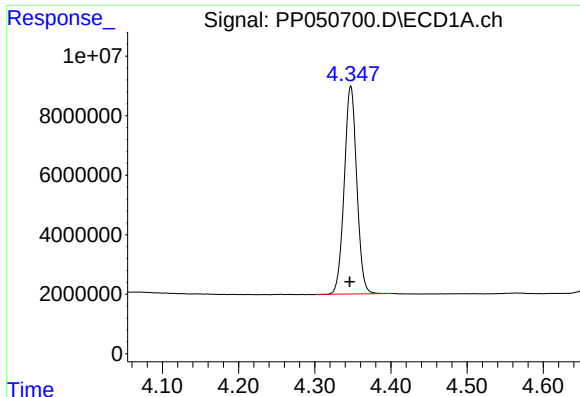
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081822\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

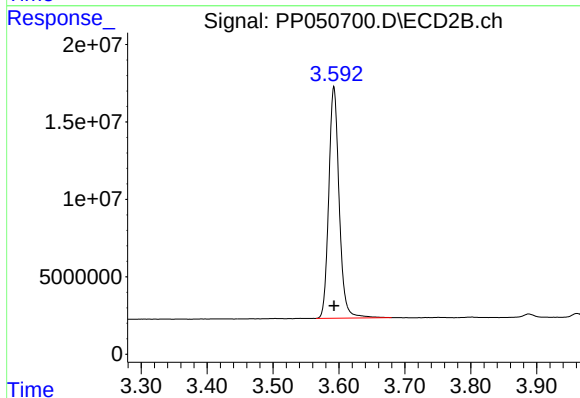




#1 Tetrachloro-m-xylene

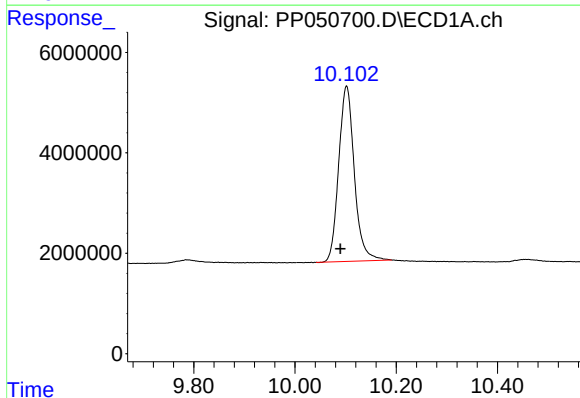
R.T.: 4.347 min
Delta R.T.: 0.001 min
Response: 79899686
Conc: 49.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



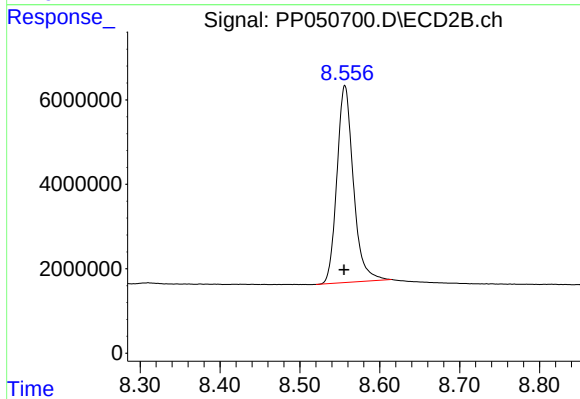
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 163789987
Conc: 52.29 ng/ml



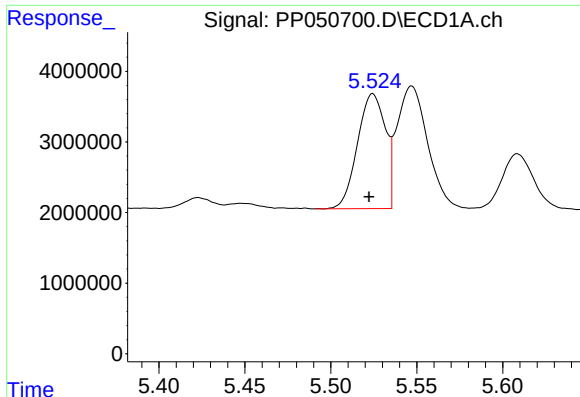
#2 Decachlorobiphenyl

R.T.: 10.102 min
Delta R.T.: 0.012 min
Response: 74831388
Conc: 42.50 ng/ml



#2 Decachlorobiphenyl

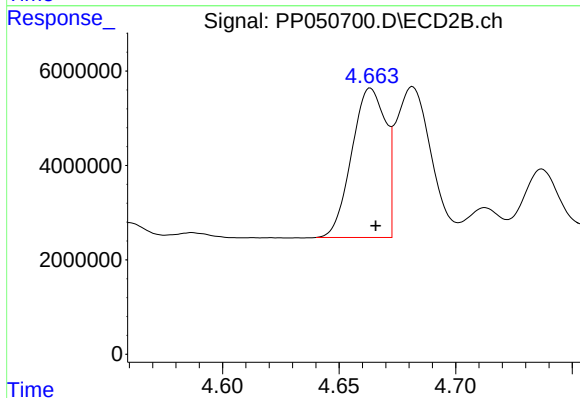
R.T.: 8.556 min
Delta R.T.: 0.001 min
Response: 66789796
Conc: 43.40 ng/ml



#3 AR-1016-1

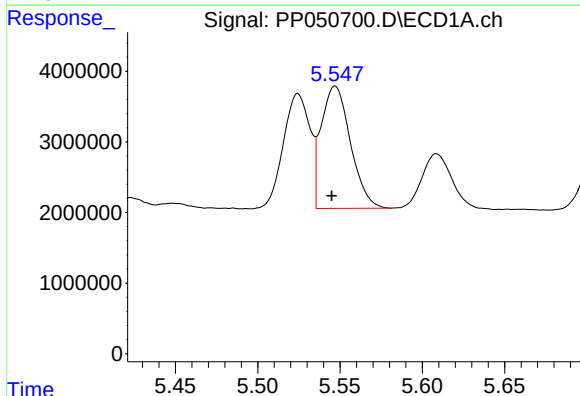
R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 18314856
Conc: 292.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



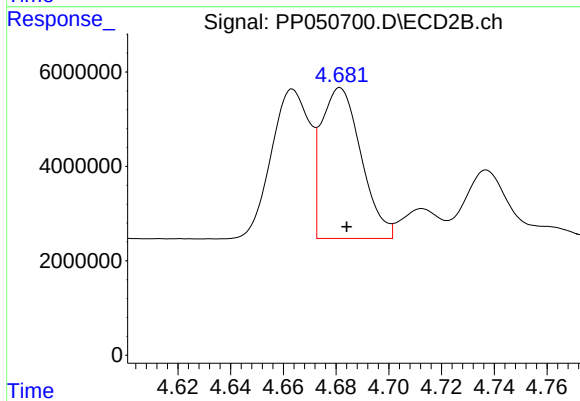
#3 AR-1016-1

R.T.: 4.663 min
Delta R.T.: -0.002 min
Response: 32038011
Conc: 315.19 ng/ml



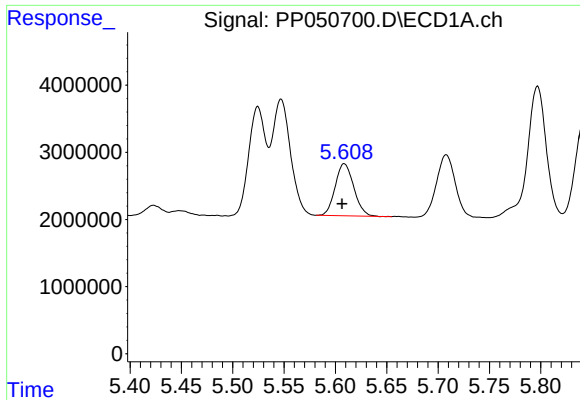
#4 AR-1016-2

R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 21430224
Conc: 242.00 ng/ml



#4 AR-1016-2

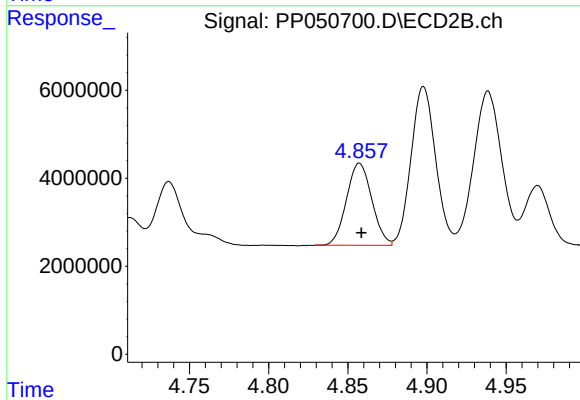
R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 33457059
Conc: 231.31 ng/ml



#5 AR-1016-3

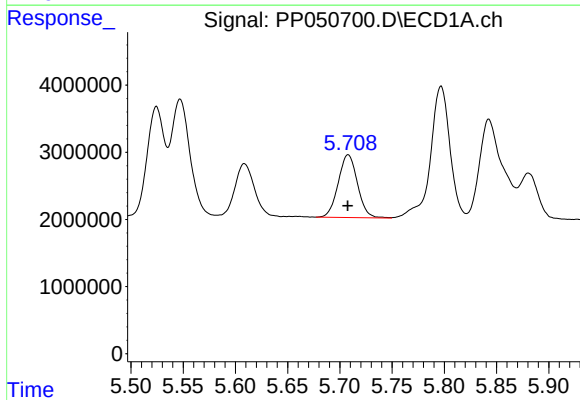
R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 9811695
Conc: 179.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



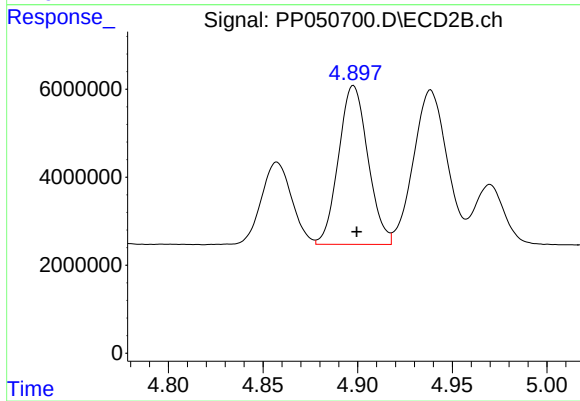
#5 AR-1016-3

R.T.: 4.857 min
Delta R.T.: -0.001 min
Response: 20710382
Conc: 272.92 ng/ml



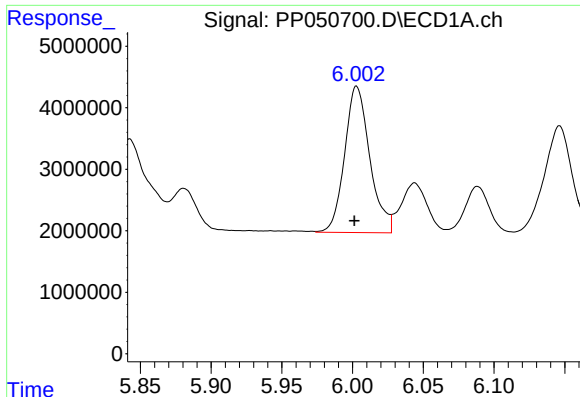
#6 AR-1016-4

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 11999172
Conc: 260.21 ng/ml



#6 AR-1016-4

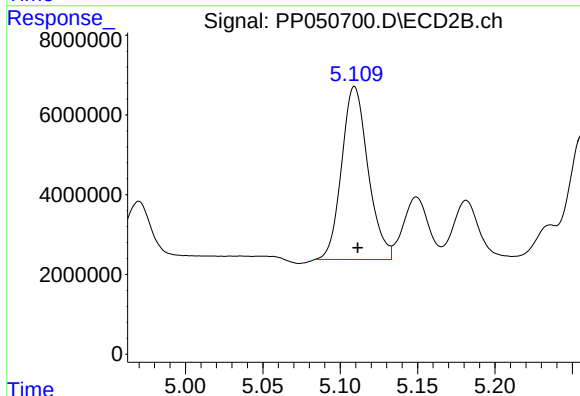
R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 38981581
Conc: 669.03 ng/ml



#7 AR-1016-5

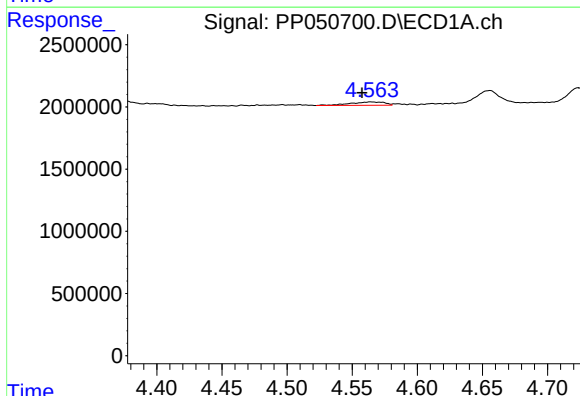
R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 29529321
Conc: 660.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



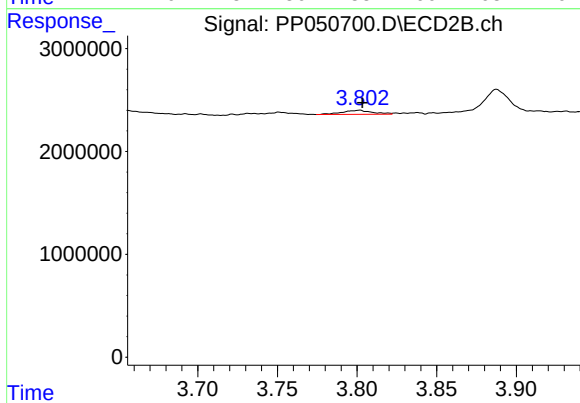
#7 AR-1016-5

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 51498072
Conc: 674.01 ng/ml



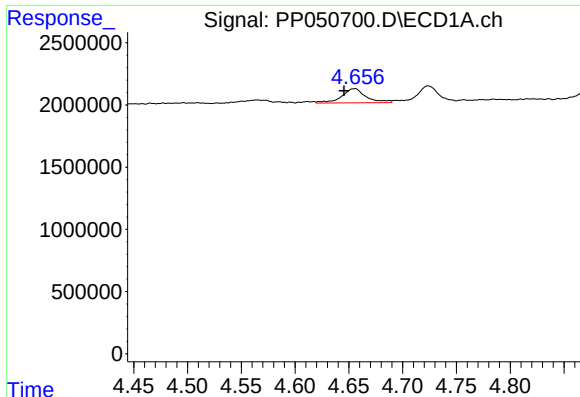
#8 AR-1221-1

R.T.: 4.564 min
Delta R.T.: 0.007 min
Response: 484696
Conc: 24.53 ng/ml



#8 AR-1221-1

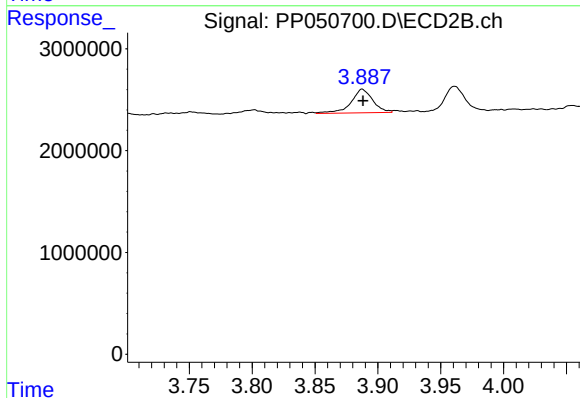
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 523899
Conc: 13.71 ng/ml



#9 AR-1221-2

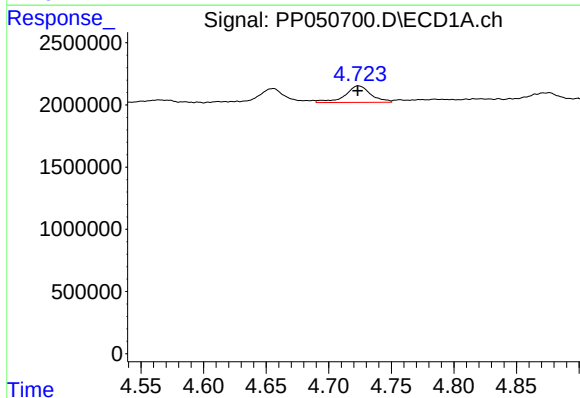
R.T.: 4.655 min
Delta R.T.: 0.010 min
Response: 1778297
Conc: 119.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



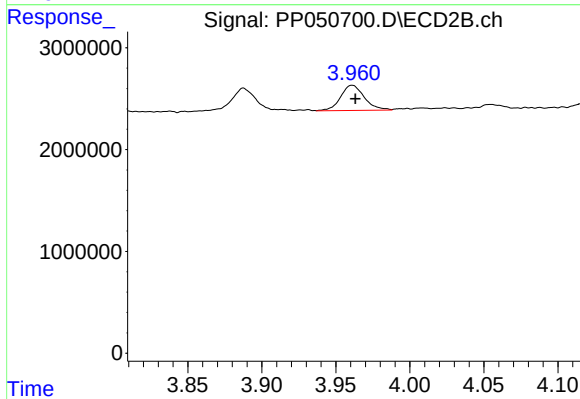
#9 AR-1221-2

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 2797564
Conc: 97.97 ng/ml



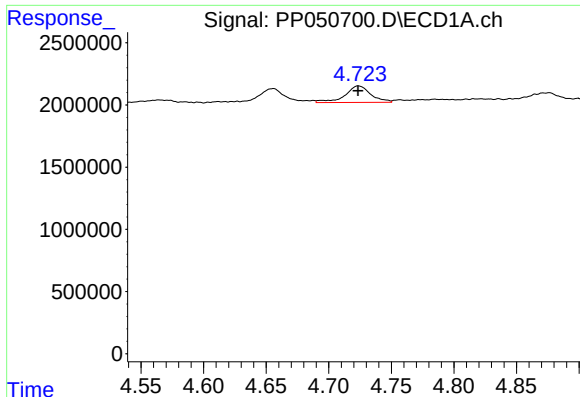
#10 AR-1221-3

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1911858
Conc: 42.49 ng/ml



#10 AR-1221-3

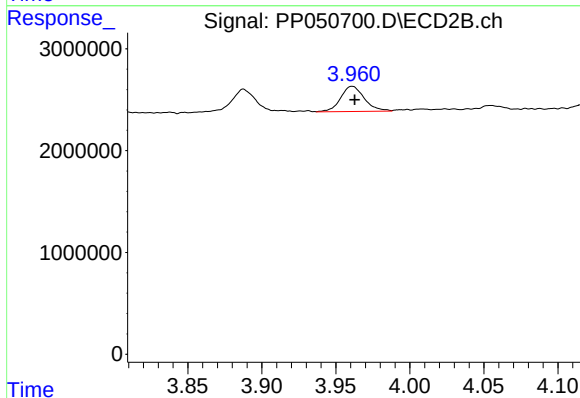
R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 2764491
Conc: 32.29 ng/ml



#11 AR-1232-1

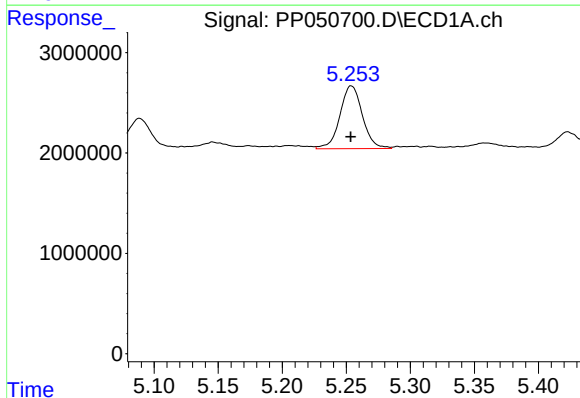
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1911858
Conc: 51.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



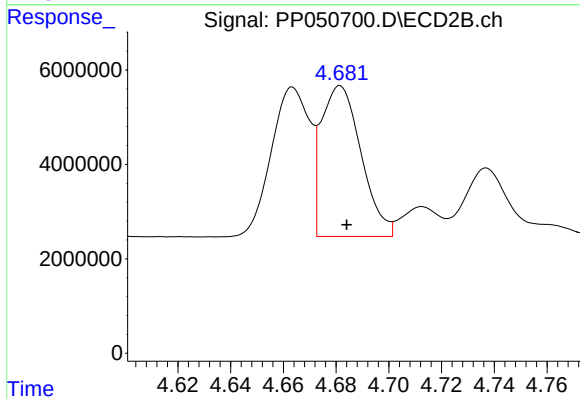
#11 AR-1232-1

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 2764491
Conc: 39.60 ng/ml



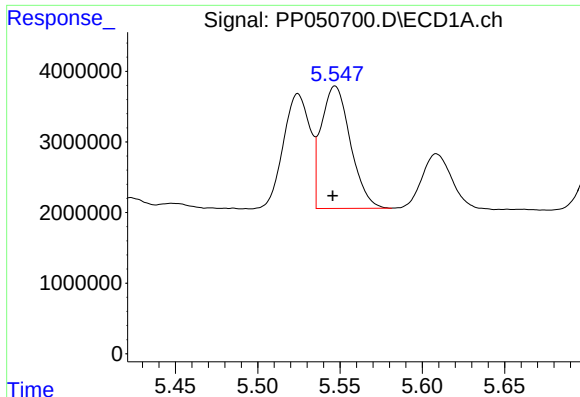
#12 AR-1232-2

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 7658579
Conc: 422.88 ng/ml



#12 AR-1232-2

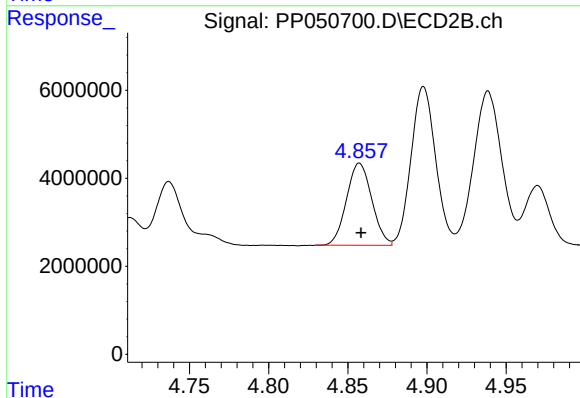
R.T.: 4.682 min
Delta R.T.: -0.003 min
Response: 33457059
Conc: 520.40 ng/ml



#13 AR-1232-3

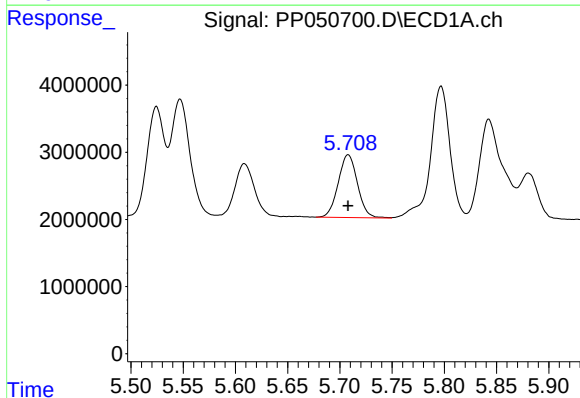
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 21430224
Conc: 544.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



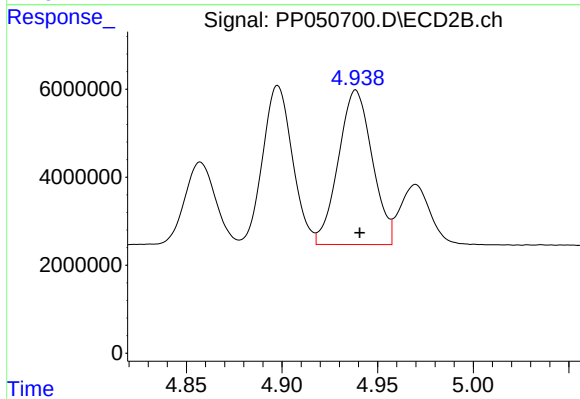
#13 AR-1232-3

R.T.: 4.857 min
Delta R.T.: -0.001 min
Response: 20710382
Conc: 617.48 ng/ml



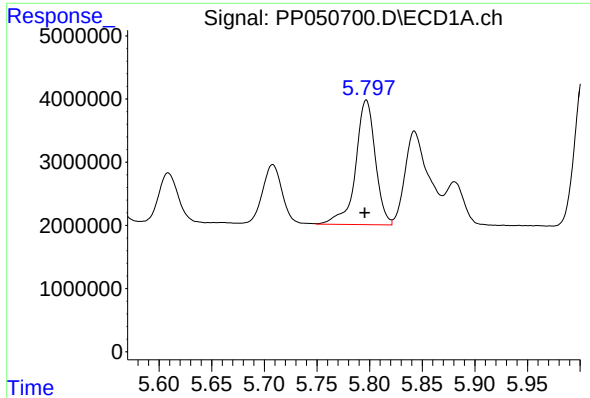
#14 AR-1232-4

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 11999172
Conc: 593.05 ng/ml



#14 AR-1232-4

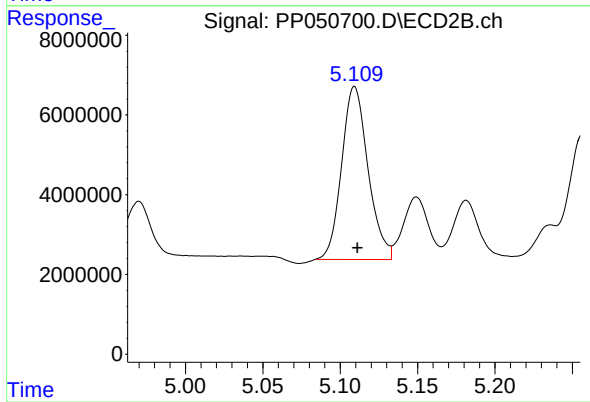
R.T.: 4.939 min
Delta R.T.: -0.002 min
Response: 43224768
Conc: 1467.24 ng/ml



#15 AR-1232-5

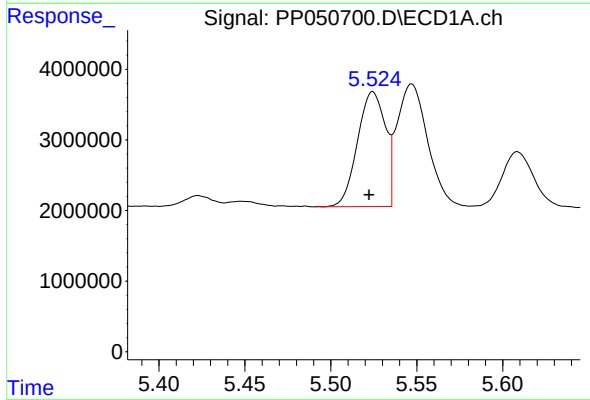
R.T.: 5.797 min
Delta R.T.: 0.002 min
Response: 25689050
Conc: 1643.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



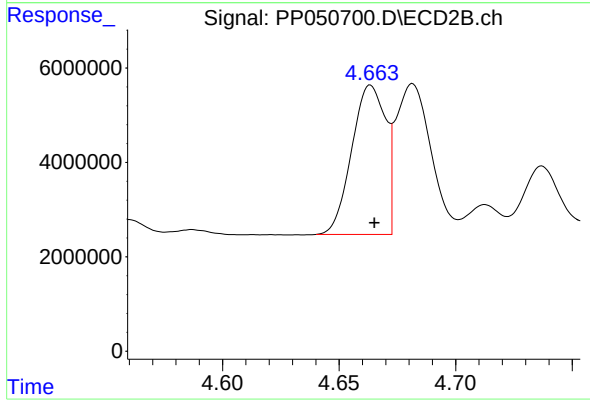
#15 AR-1232-5

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 51498072
Conc: 1563.84 ng/ml



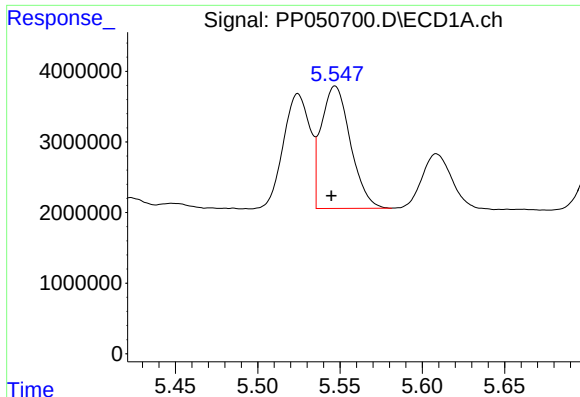
#16 AR-1242-1

R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 18314856
Conc: 361.37 ng/ml



#16 AR-1242-1

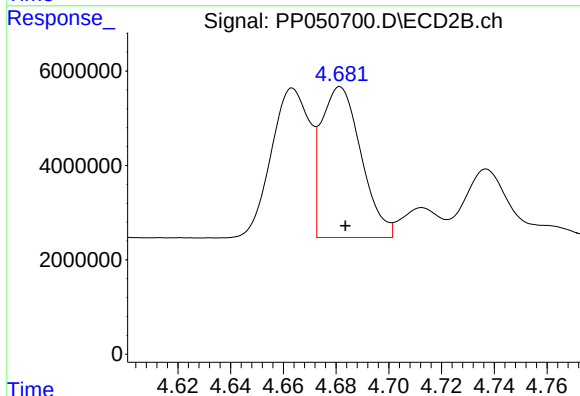
R.T.: 4.663 min
Delta R.T.: -0.002 min
Response: 32038011
Conc: 386.47 ng/ml



#17 AR-1242-2

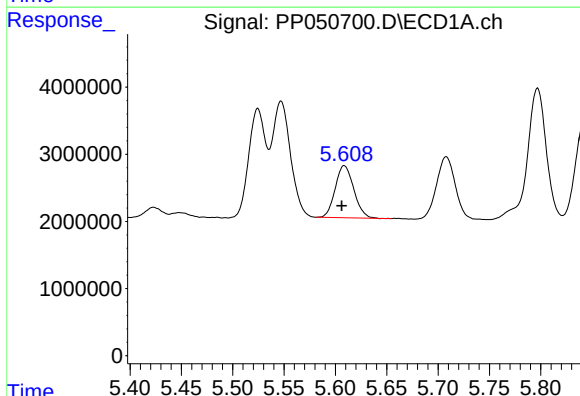
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 21430224
Conc: 296.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



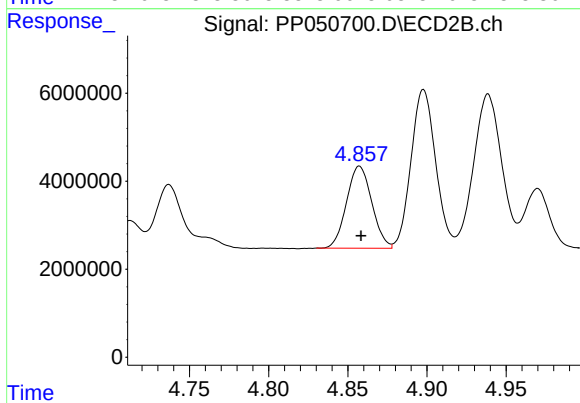
#17 AR-1242-2

R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 33457059
Conc: 286.50 ng/ml



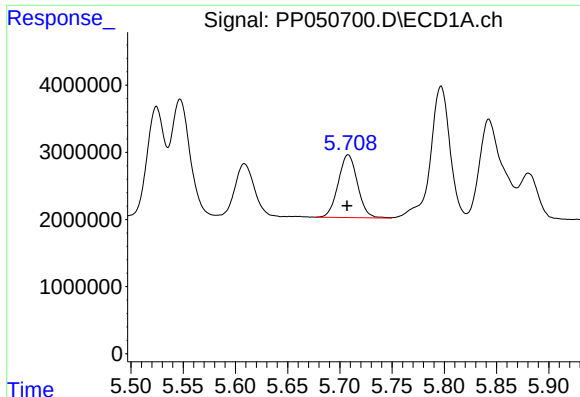
#18 AR-1242-3

R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 9811695
Conc: 221.87 ng/ml



#18 AR-1242-3

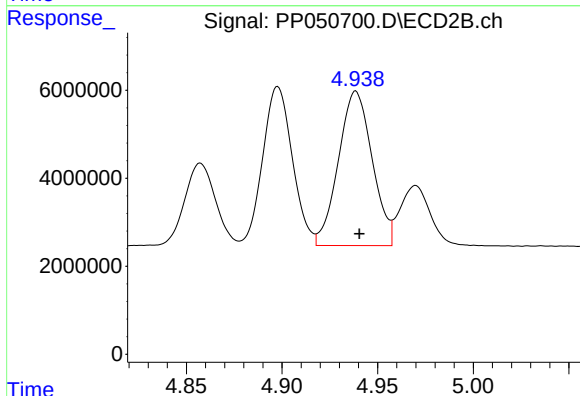
R.T.: 4.857 min
Delta R.T.: -0.001 min
Response: 20710382
Conc: 337.74 ng/ml



#19 AR-1242-4

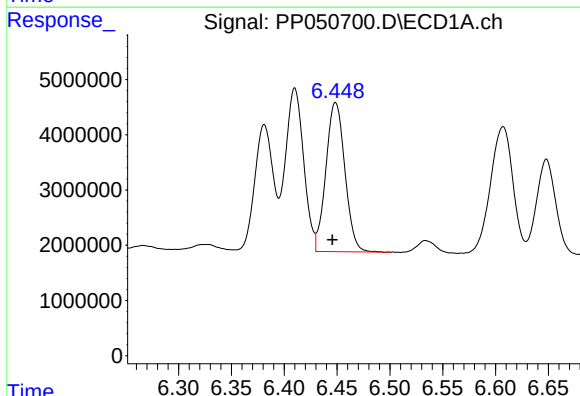
R.T.: 5.708 min
Delta R.T.: 0.001 min
Response: 11999172
Conc: 322.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



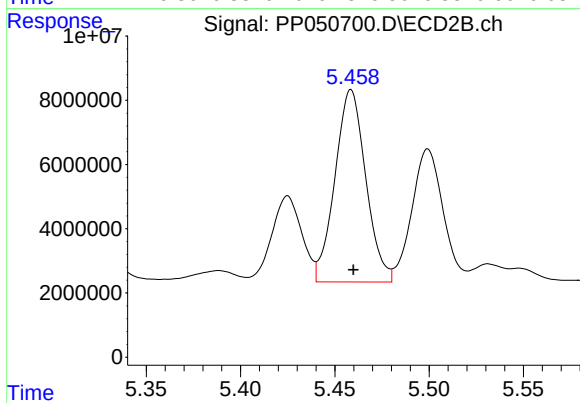
#19 AR-1242-4

R.T.: 4.939 min
Delta R.T.: -0.002 min
Response: 43224768
Conc: 738.39 ng/ml



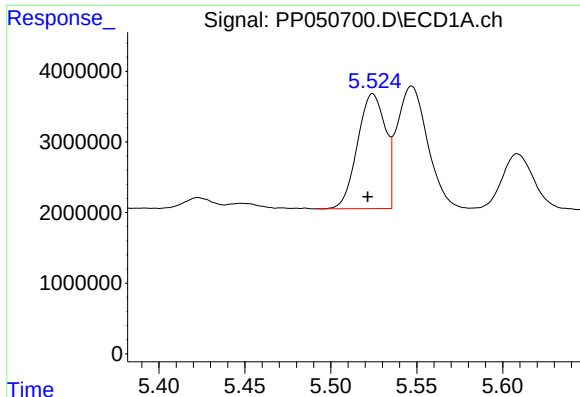
#20 AR-1242-5

R.T.: 6.449 min
Delta R.T.: 0.003 min
Response: 33634090
Conc: 796.99 ng/ml



#20 AR-1242-5

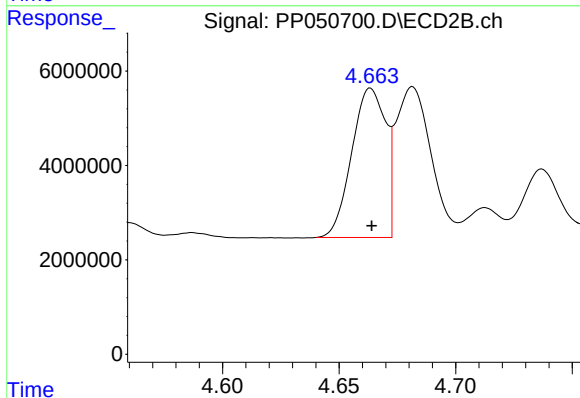
R.T.: 5.459 min
Delta R.T.: -0.001 min
Response: 68152648
Conc: 980.48 ng/ml



#21 AR-1248-1

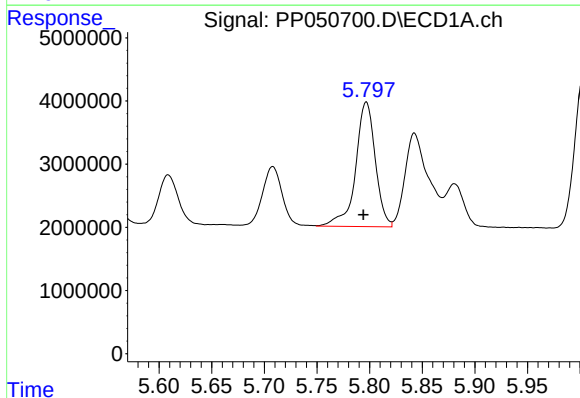
R.T.: 5.524 min
Delta R.T.: 0.003 min
Response: 18314856
Conc: 453.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



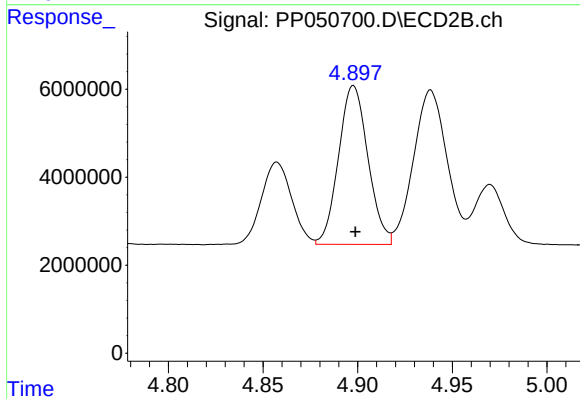
#21 AR-1248-1

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 32038011
Conc: 479.36 ng/ml



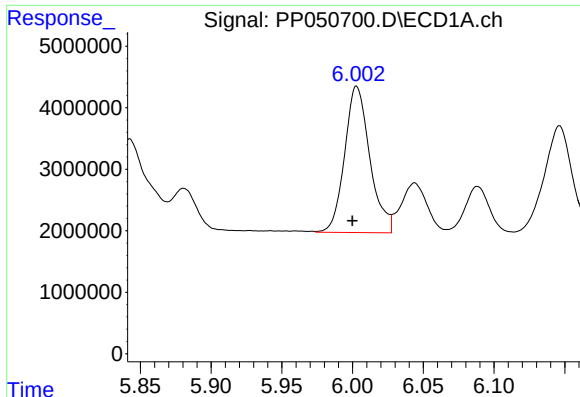
#22 AR-1248-2

R.T.: 5.797 min
Delta R.T.: 0.003 min
Response: 25689050
Conc: 459.83 ng/ml



#22 AR-1248-2

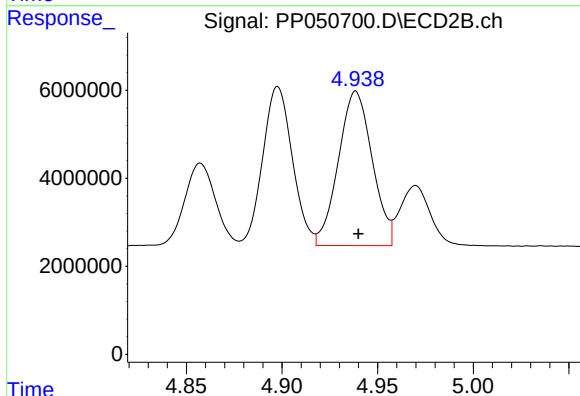
R.T.: 4.898 min
Delta R.T.: -0.001 min
Response: 38981581
Conc: 451.26 ng/ml



#23 AR-1248-3

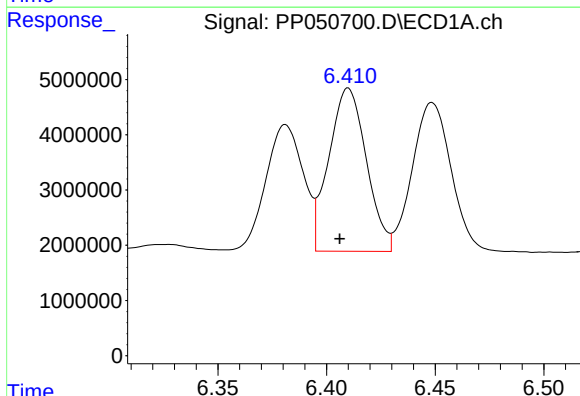
R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 29529321
Conc: 461.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



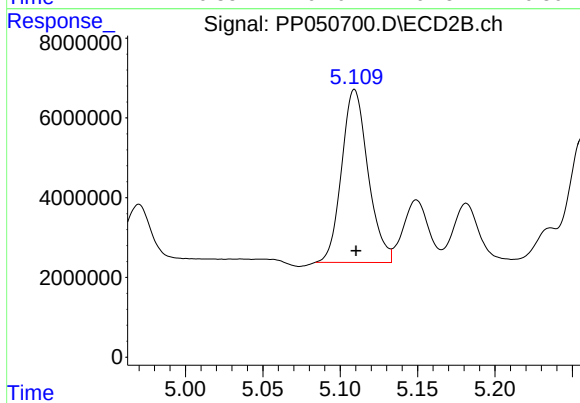
#23 AR-1248-3

R.T.: 4.939 min
Delta R.T.: -0.001 min
Response: 43224768
Conc: 476.80 ng/ml



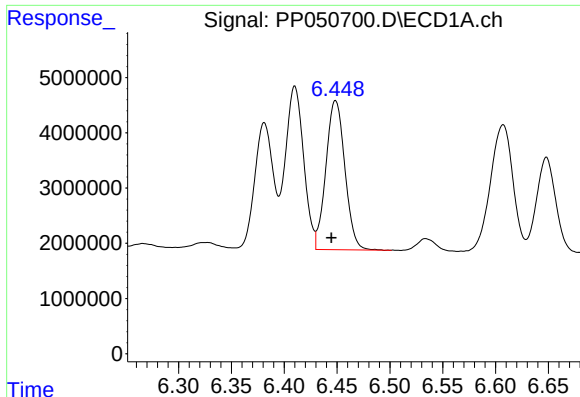
#24 AR-1248-4

R.T.: 6.410 min
Delta R.T.: 0.004 min
Response: 35516525
Conc: 448.99 ng/ml



#24 AR-1248-4

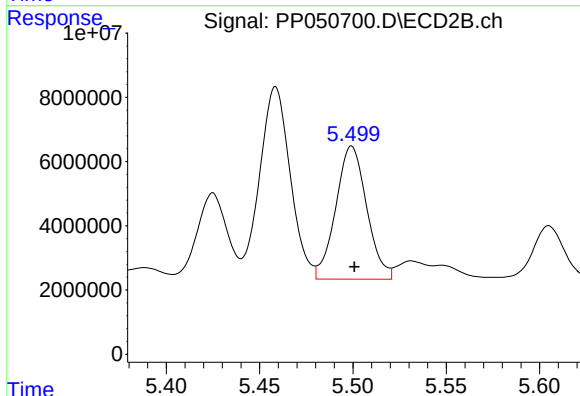
R.T.: 5.109 min
Delta R.T.: -0.001 min
Response: 51498072
Conc: 488.60 ng/ml



#25 AR-1248-5

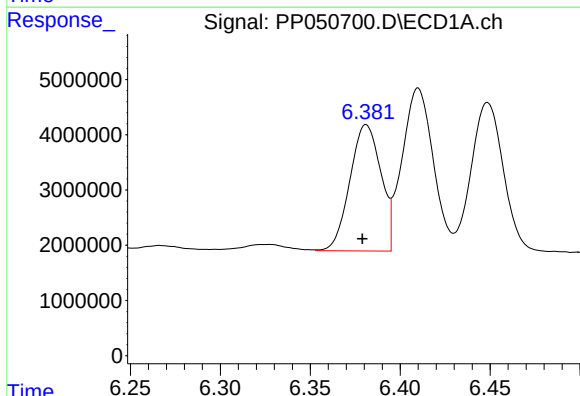
R.T.: 6.449 min
Delta R.T.: 0.004 min
Response: 33634090
Conc: 443.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



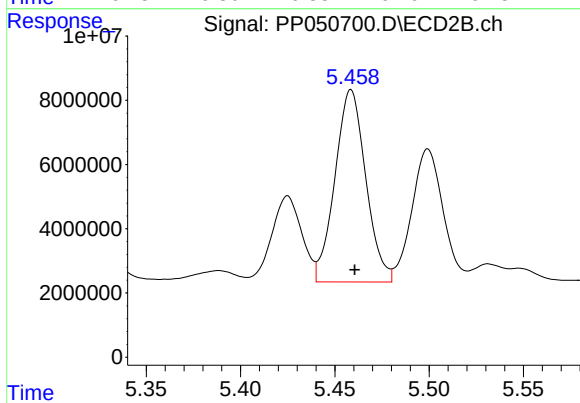
#25 AR-1248-5

R.T.: 5.499 min
Delta R.T.: -0.001 min
Response: 47882031
Conc: 482.25 ng/ml



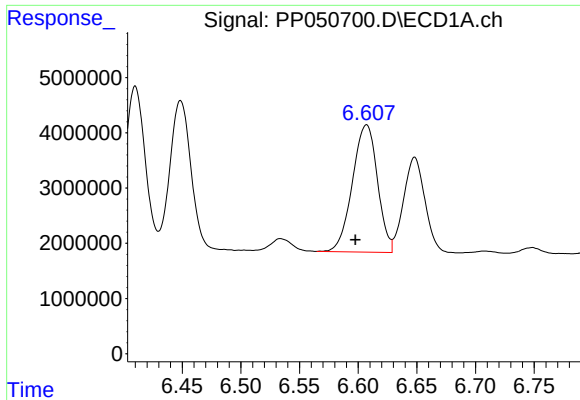
#26 AR-1254-1

R.T.: 6.381 min
Delta R.T.: 0.002 min
Response: 27408315
Conc: 370.46 ng/ml



#26 AR-1254-1

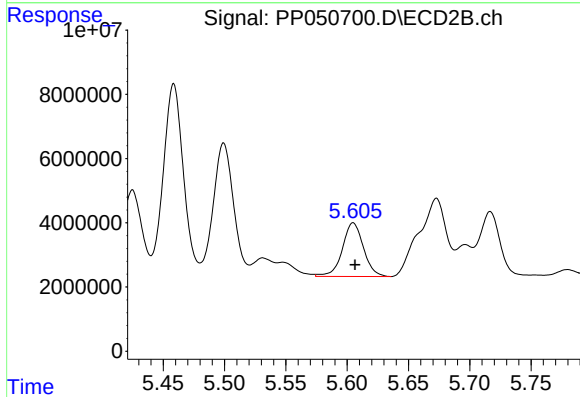
R.T.: 5.459 min
Delta R.T.: -0.002 min
Response: 68152648
Conc: 479.54 ng/ml



#27 AR-1254-2

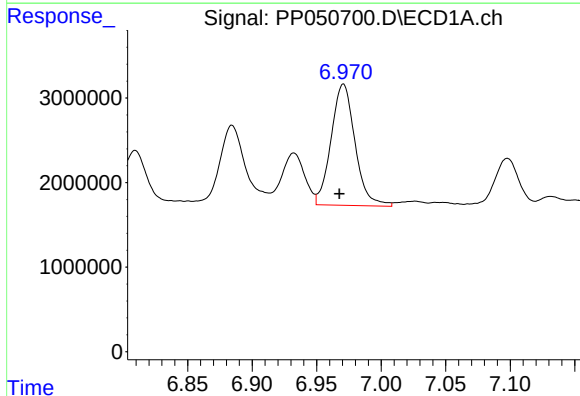
R.T.: 6.607 min
Delta R.T.: 0.009 min
Response: 34253633
Conc: 294.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



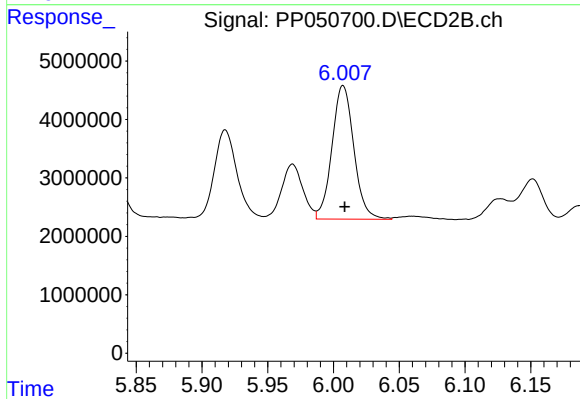
#27 AR-1254-2

R.T.: 5.605 min
Delta R.T.: -0.002 min
Response: 20008263
Conc: 169.07 ng/ml



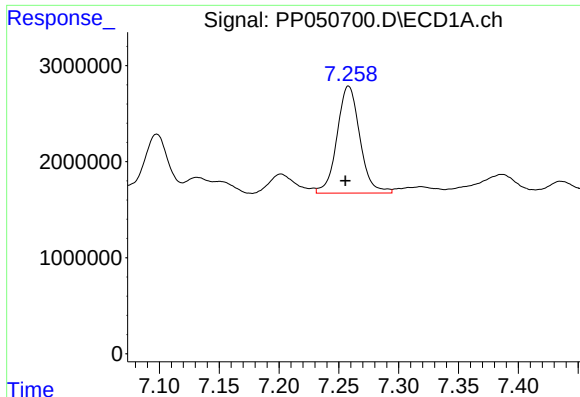
#28 AR-1254-3

R.T.: 6.971 min
Delta R.T.: 0.003 min
Response: 18534571
Conc: 149.58 ng/ml



#28 AR-1254-3

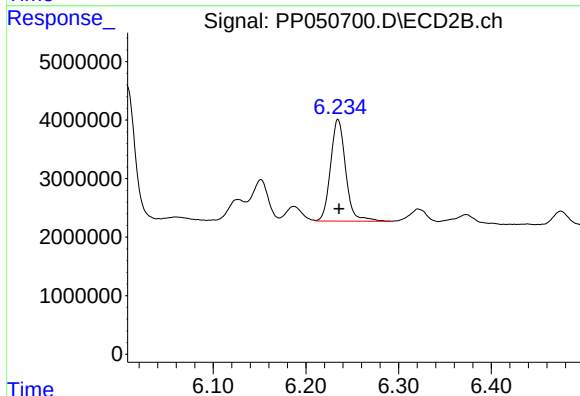
R.T.: 6.007 min
Delta R.T.: -0.001 min
Response: 26508046
Conc: 154.05 ng/ml



#29 AR-1254-4

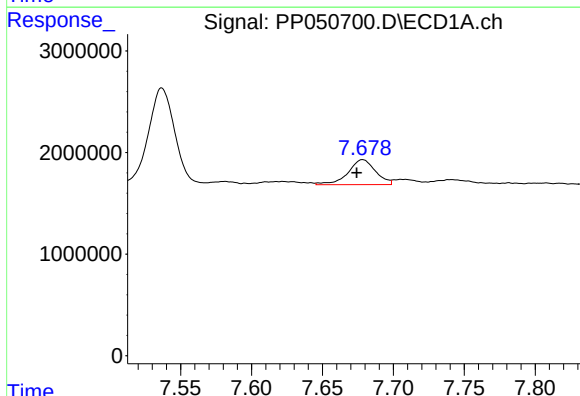
R.T.: 7.258 min
Delta R.T.: 0.002 min
Response: 14820392
Conc: 151.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



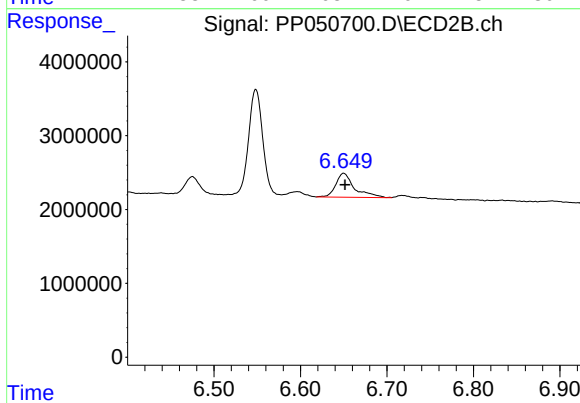
#29 AR-1254-4

R.T.: 6.235 min
Delta R.T.: -0.001 min
Response: 19633965
Conc: 186.09 ng/ml



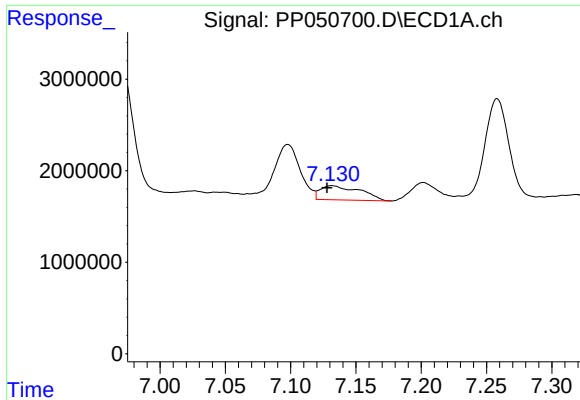
#30 AR-1254-5

R.T.: 7.678 min
Delta R.T.: 0.004 min
Response: 3291186
Conc: 32.81 ng/ml



#30 AR-1254-5

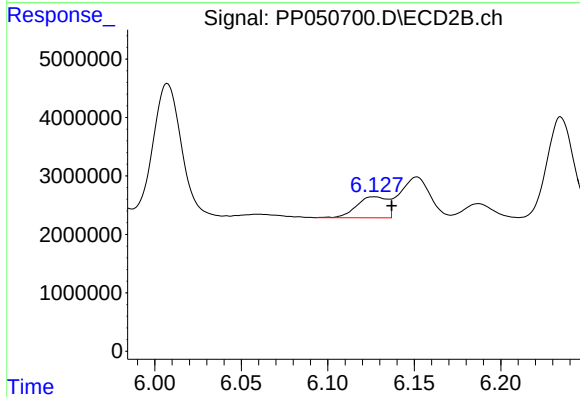
R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 4849119
Conc: 36.42 ng/ml



#31 AR-1260-1

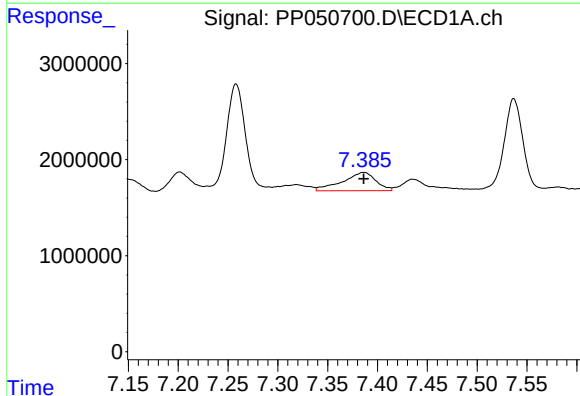
R.T.: 7.131 min
Delta R.T.: 0.003 min
Response: 3270593
Conc: 35.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



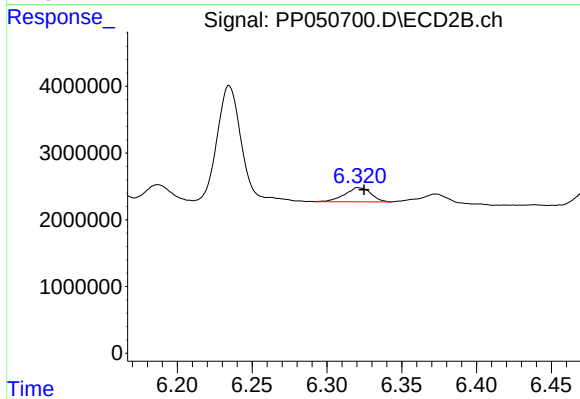
#31 AR-1260-1

R.T.: 6.127 min
Delta R.T.: -0.010 min
Response: 4496386
Conc: 39.68 ng/ml



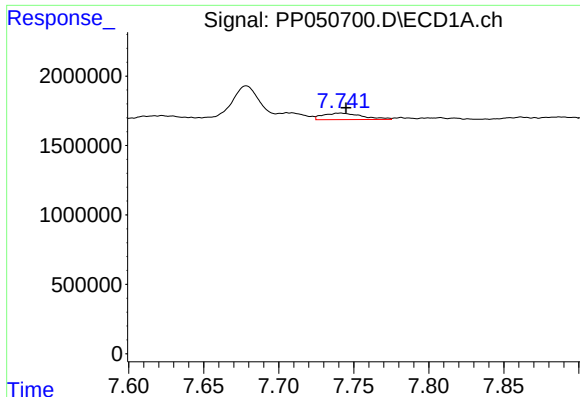
#32 AR-1260-2

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 4464687
Conc: 39.08 ng/ml



#32 AR-1260-2

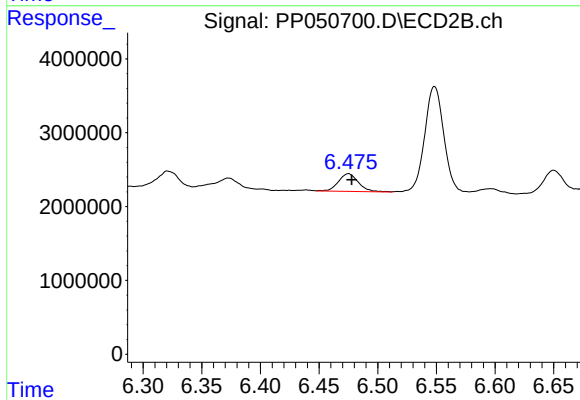
R.T.: 6.321 min
Delta R.T.: -0.004 min
Response: 2577885
Conc: 19.19 ng/ml



#33 AR-1260-3

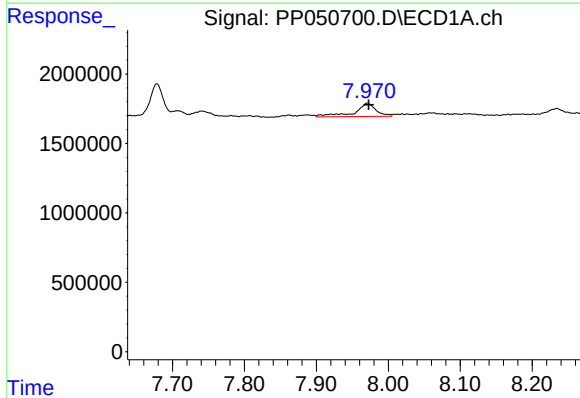
R.T.: 7.741 min
Delta R.T.: -0.004 min
Response: 846337
Conc: 9.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



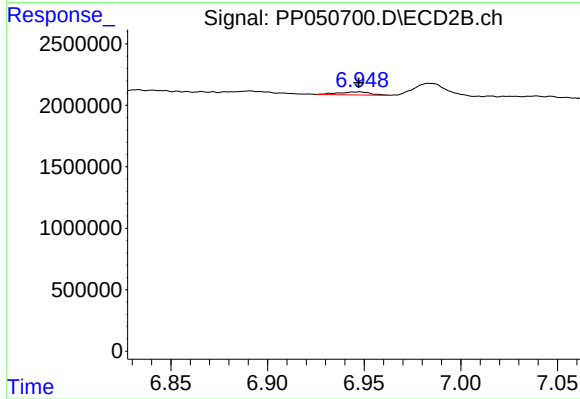
#33 AR-1260-3

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 2852741
Conc: 23.68 ng/ml



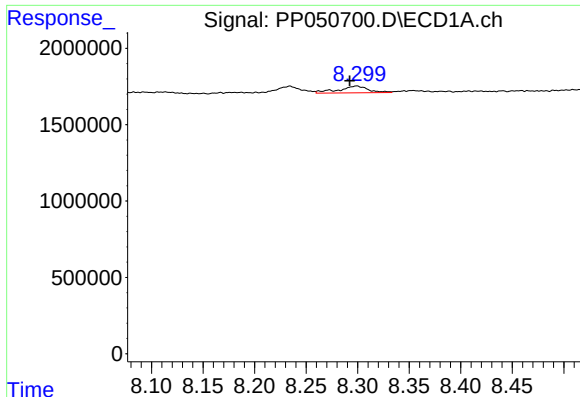
#34 AR-1260-4

R.T.: 7.971 min
Delta R.T.: -0.002 min
Response: 1988081
Conc: 20.89 ng/ml



#34 AR-1260-4

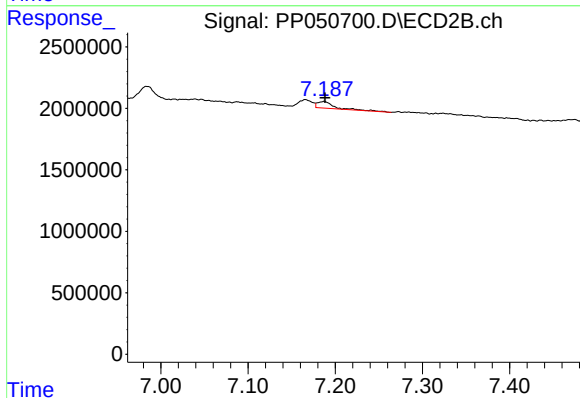
R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 292135
Conc: 3.30 ng/ml



#35 AR-1260-5

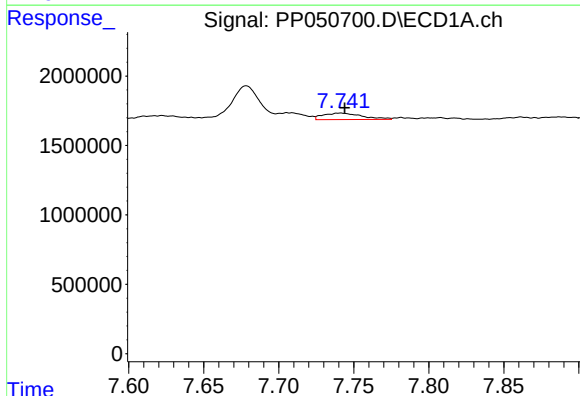
R.T.: 8.299 min
Delta R.T.: 0.007 min
Response: 889971
Conc: 4.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



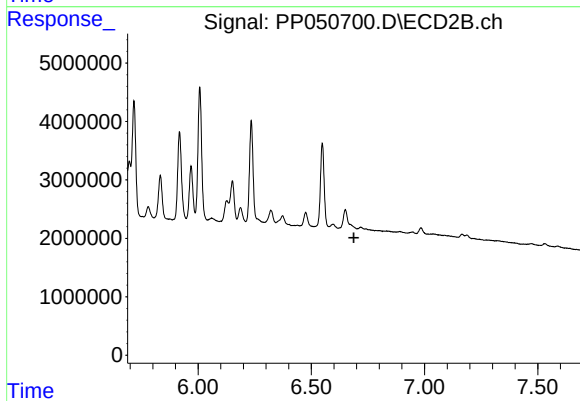
#35 AR-1260-5

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 734512
Conc: 3.77 ng/ml



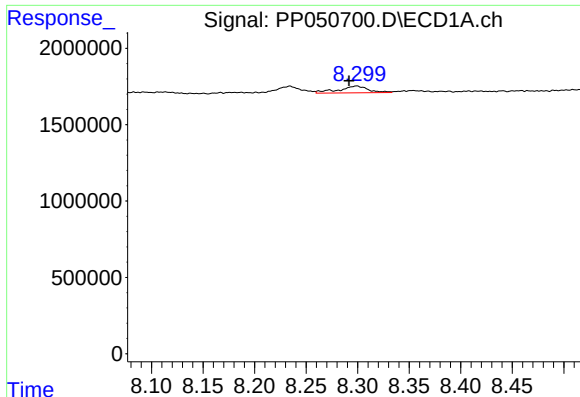
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 846337
Conc: 7.07 ng/ml



#36 AR-1262-1

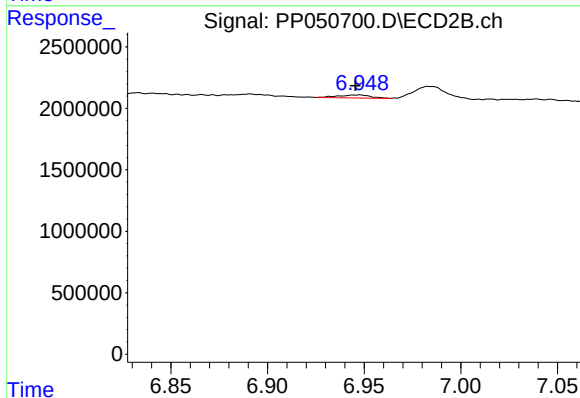
R.T.: 0.000 min
Exp R.T. : 6.688 min
Response: 0
Conc: N.D.



#37 AR-1262-2

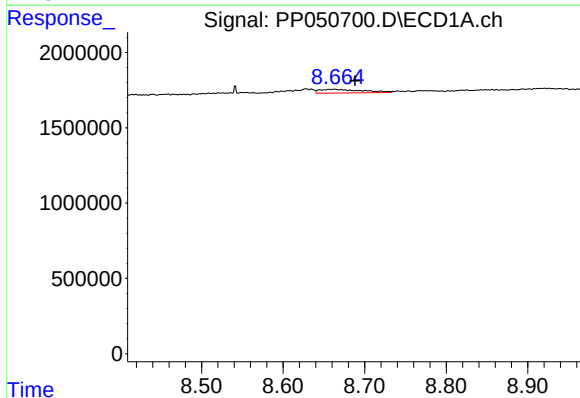
R.T.: 8.299 min
Delta R.T.: 0.008 min
Response: 889971
Conc: 4.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



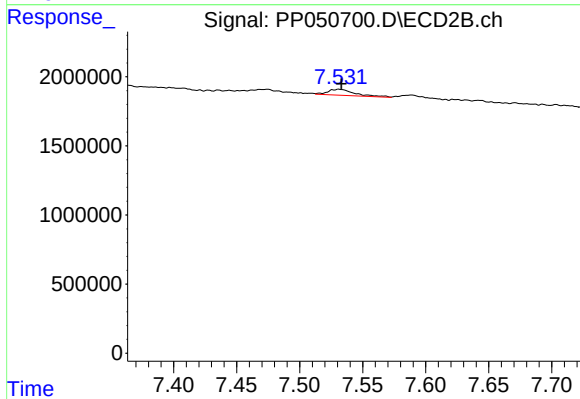
#37 AR-1262-2

R.T.: 6.947 min
Delta R.T.: 0.002 min
Response: 292135
Conc: 2.69 ng/ml



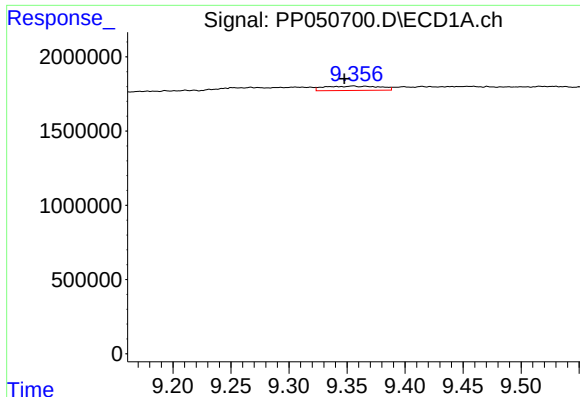
#39 AR-1262-4

R.T.: 8.663 min
Delta R.T.: -0.025 min
Response: 913874
Conc: 14.22 ng/ml



#39 AR-1262-4

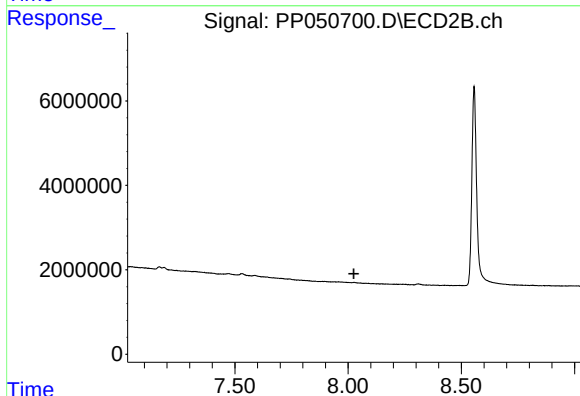
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 654515
Conc: 4.75 ng/ml



#40 AR-1262-5

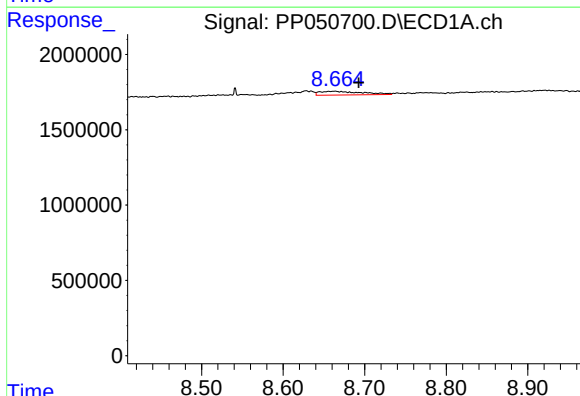
R.T.: 9.355 min
Delta R.T.: 0.007 min
Response: 976217
Conc: 12.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



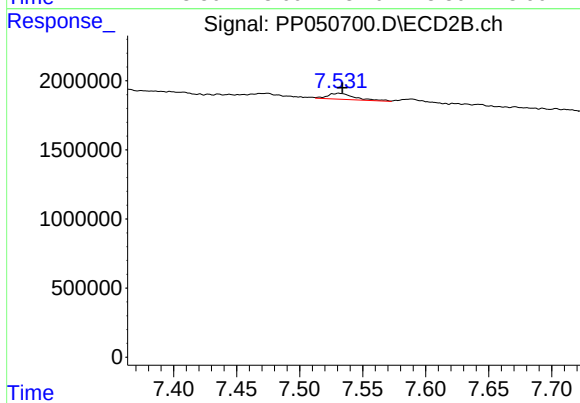
#40 AR-1262-5

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



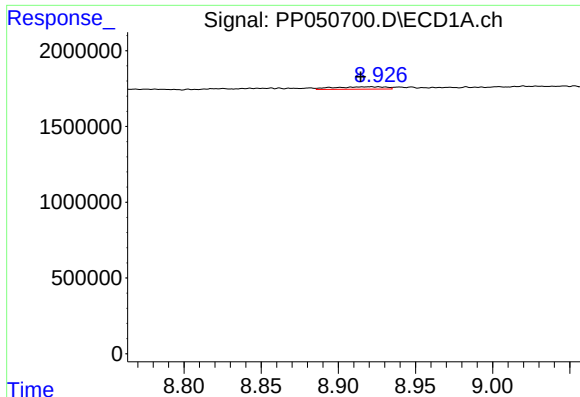
#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: -0.029 min
Response: 913874
Conc: 3.75 ng/ml



#42 AR-1268-2

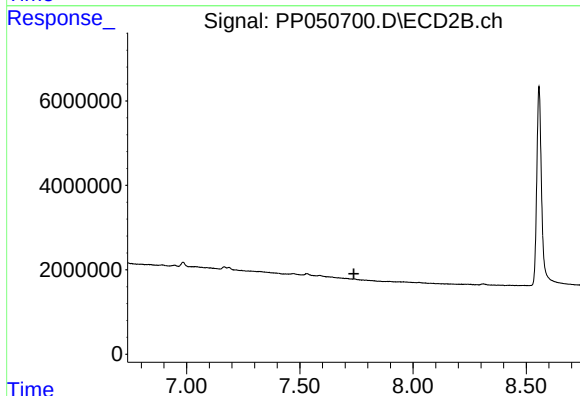
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 654515
Conc: 3.29 ng/ml



#43 AR-1268-3

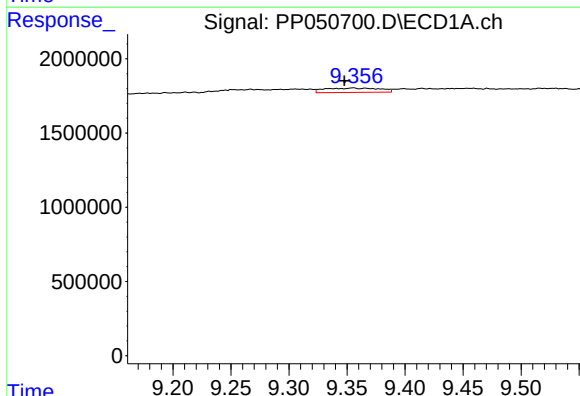
R.T.: 8.926 min
Delta R.T.: 0.011 min
Response: 380494
Conc: 1.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



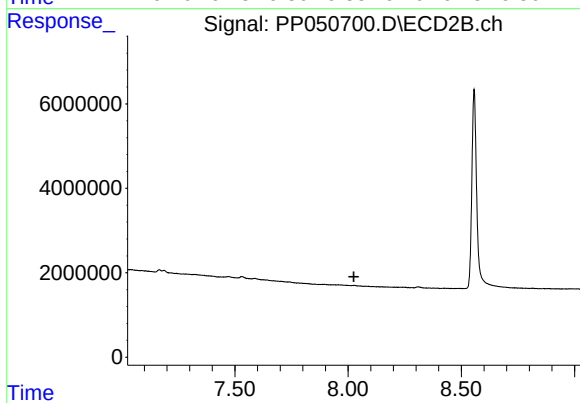
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.739 min
Response: 0
Conc: N.D.



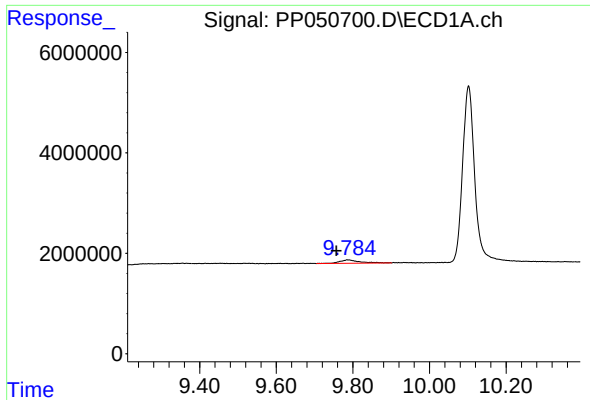
#44 AR-1268-4

R.T.: 9.355 min
Delta R.T.: 0.007 min
Response: 976217
Conc: 11.33 ng/ml



#44 AR-1268-4

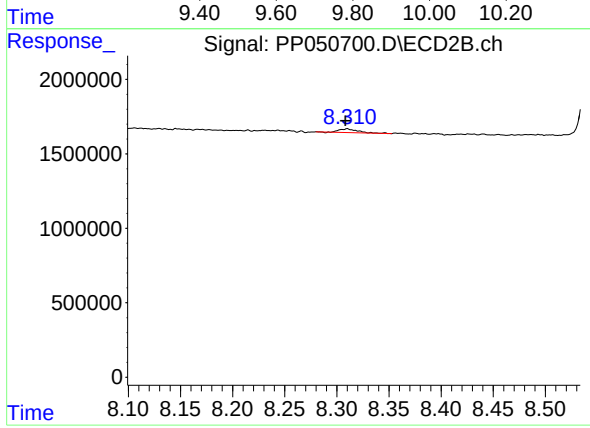
R.T.: 0.000 min
Exp R.T. : 8.025 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.787 min
Delta R.T.: 0.030 min
Response: 2615623
Conc: 3.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.310 min
Delta R.T.: 0.002 min
Response: 307546
Conc: 0.56 ng/ml