

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042723\
 Data File : PP057273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2023 10:13
 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: Apr 27 21:15:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 27 04:11:22 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...	4.412	3.639	116.3E6	86048554	52.610	52.515
2)	SA Decachlor...	10.249	8.706	69394027	93904509	52.140	54.785
Target Compounds							
3)	L1 AR-1016-1	5.590	4.738	977153	873231	16.757	16.415
4)	L1 AR-1016-2	5.619	4.757	1298644	736731	15.182	9.955 #
5)	L1 AR-1016-3	5.676	4.937	537243	584529	9.949	14.305 #
6)	L1 AR-1016-4	5.773	4.978	516146	21792167	12.043	581.363 #
7)	L1 AR-1016-5	6.072	5.194	13945832	13444534	292.291	277.176
8)	L2 AR-1221-1	4.621	3.852	96629	44343	3.711	2.159 #
9)	L2 AR-1221-2	4.720	3.942	1519989	1235507	79.407	79.444
10)	L2 AR-1221-3	4.785	4.019	406642	302908	7.133	6.407
11)	L3 AR-1232-1	4.785	4.019	406642	302908	8.295	7.536
12)	L3 AR-1232-2	5.321	4.757	639620	736731	25.331	20.473
13)	L3 AR-1232-3	5.619	4.937	1298644	584529	31.662	30.224
14)	L3 AR-1232-4	5.773	5.019	516146	7326794	25.338	361.544 #
15)	L3 AR-1232-5	5.866	5.194	23566348	13444534	1199.586	607.163 #
16)	L4 AR-1242-1	5.590	4.738	977153	873231	19.870	19.401
17)	L4 AR-1242-2	5.619	4.757	1298644	736731	18.217	11.869 #
18)	L4 AR-1242-3	5.676	4.937	537243	584529	11.989	16.911 #
19)	L4 AR-1242-4	5.773	5.019	516146	7326794	14.341	186.662 #
20)	L4 AR-1242-5	6.521	5.549	11375531	52417282	359.754	1200.380 #
21)	L5 AR-1248-1	5.590	4.738	977153	873231	26.547	25.551
22)	L5 AR-1248-2	5.866	4.978	23566348	21792167	371.932	393.284
23)	L5 AR-1248-3	6.072	5.019	13945832	7326794	210.647	127.226 #
24)	L5 AR-1248-4	6.477	5.194	15327154	13444534	272.693	203.222 #
25)	L5 AR-1248-5	6.521	5.590	11375531	6008758	208.472	105.593 #
26)	L6 AR-1254-1	6.453	5.549	38748879	52417282	515.309	523.288
27)	L6 AR-1254-2	6.673	5.698	54363190	45901342	516.249	521.553
28)	L6 AR-1254-3	7.041	6.106	51369238	72064283	526.330	525.800
29)	L6 AR-1254-4	7.329	6.335	30505355	39855115	519.960	528.792
30)	L6 AR-1254-5	7.752	6.756	33981570	60796228	537.414	525.479
31)	L7 AR-1260-1	7.208	6.237	23719630	37591396	274.138	360.985 #
32)	L7 AR-1260-2	7.466	6.425	21187588	29093672	257.617	254.216
33)	L7 AR-1260-3	7.812	6.580	5572337	29782796	82.621	264.048 #
34)	L7 AR-1260-4	8.040	7.056	13802553	3140233	182.553	34.100 #
35)	L7 AR-1260-5	8.381	7.297	4632269	5943610	39.772	33.140
36)	L8 AR-1262-1	7.812f	6.845	5572337	1973192	61.185	36.516 #
37)	L8 AR-1262-2	8.381	7.056	4632269	3140233	37.169	28.008
38)	L8 AR-1262-3	8.715f	7.583	3345437	382458	37.702	4.820 #
39)	L8 AR-1262-4	8.760f	7.645	453930	6696724	6.957	45.296 #
40)	L8 AR-1262-5	9.464	8.146	223449	246143	5.639	3.777 #
41)	L9 AR-1268-1	8.715f	7.583	3345437	382458	18.882	1.538 #

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 Acq On : 27 Apr 2023 10:13
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

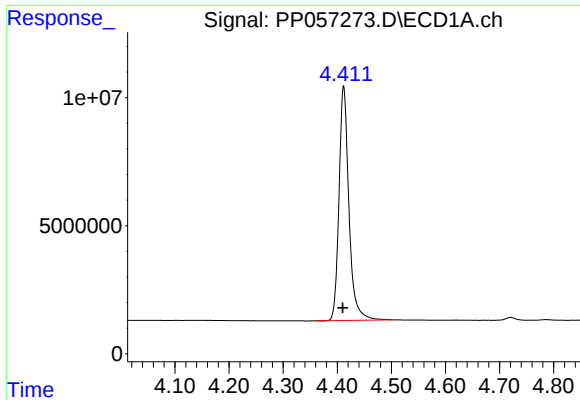
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 21:15:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042623.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	8.824f	7.645	6562	6696724	0.046	29.376 #
43) L9	AR-1268-3	9.032	7.858	25428	213464	0.162	1.001 #
44) L9	AR-1268-4	9.464	8.146	223449	246143	4.806	3.285 #
45) L9	AR-1268-5	9.902	8.444	218627	392841	0.559	0.720 #

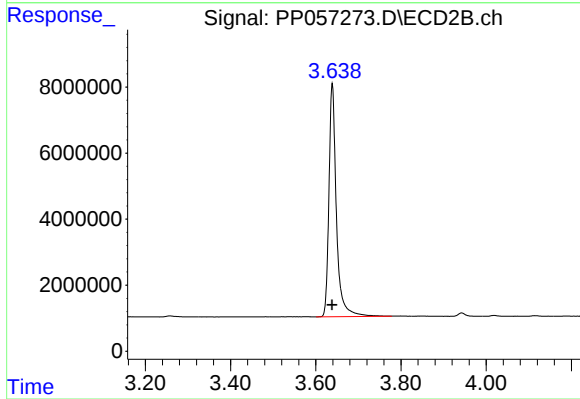
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

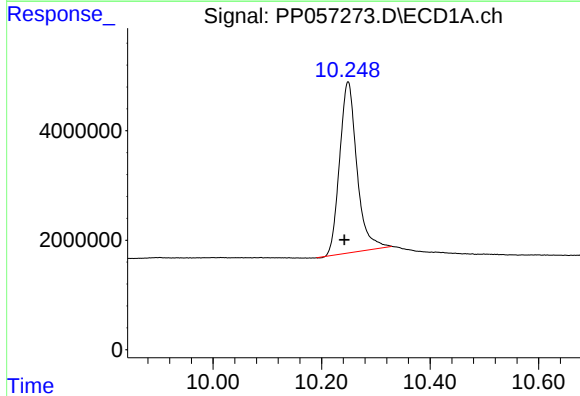
R.T.: 4.412 min
Delta R.T.: 0.002 min
Response: 116340061
Conc: 52.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



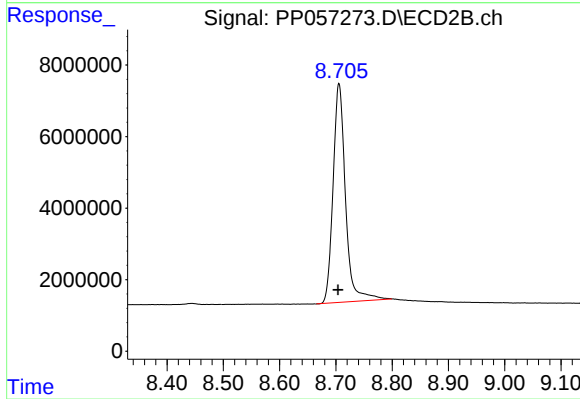
#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 86048554
Conc: 52.51 ng/ml



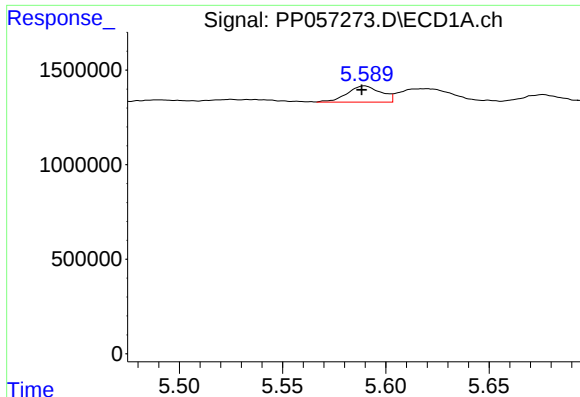
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: 0.007 min
Response: 69394027
Conc: 52.14 ng/ml



#2 Decachlorobiphenyl

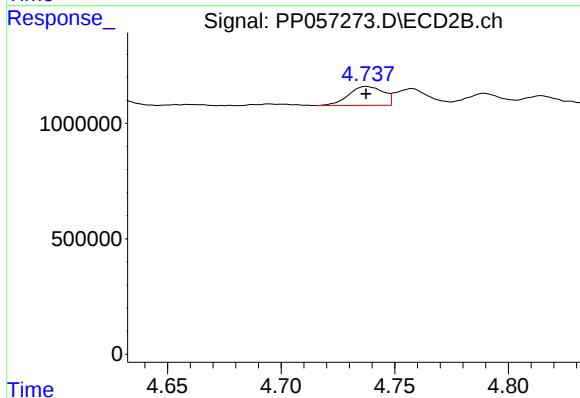
R.T.: 8.706 min
Delta R.T.: 0.002 min
Response: 93904509
Conc: 54.78 ng/ml



#3 AR-1016-1

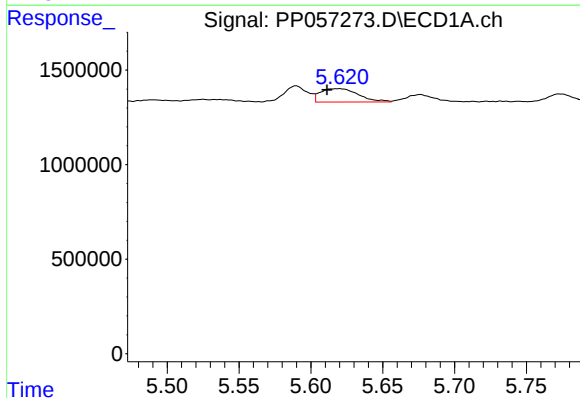
R.T.: 5.590 min
Delta R.T.: 0.001 min
Response: 977153
Conc: 16.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



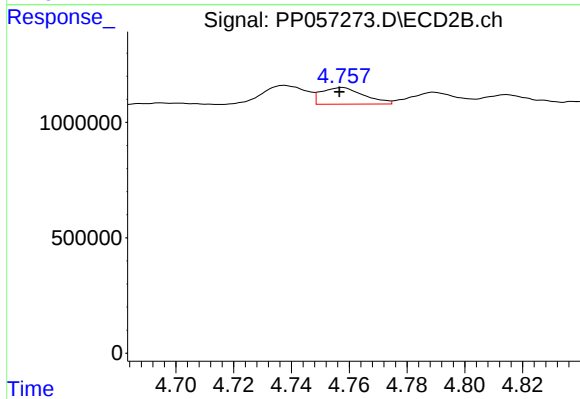
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 873231
Conc: 16.42 ng/ml



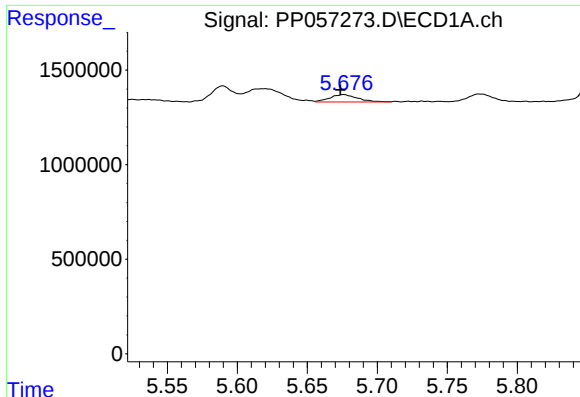
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.008 min
Response: 1298644
Conc: 15.18 ng/ml



#4 AR-1016-2

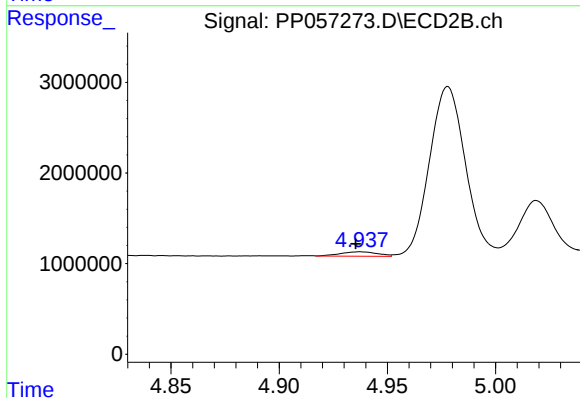
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 736731
Conc: 9.96 ng/ml



#5 AR-1016-3

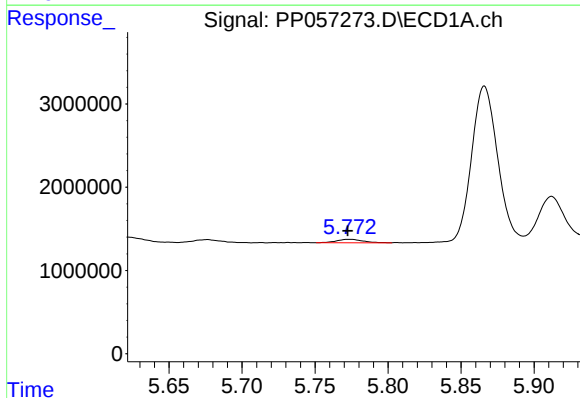
R.T.: 5.676 min
Delta R.T.: 0.003 min
Response: 537243
Conc: 9.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



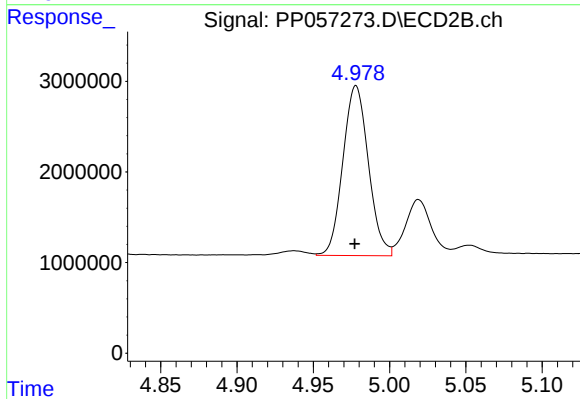
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 584529
Conc: 14.30 ng/ml



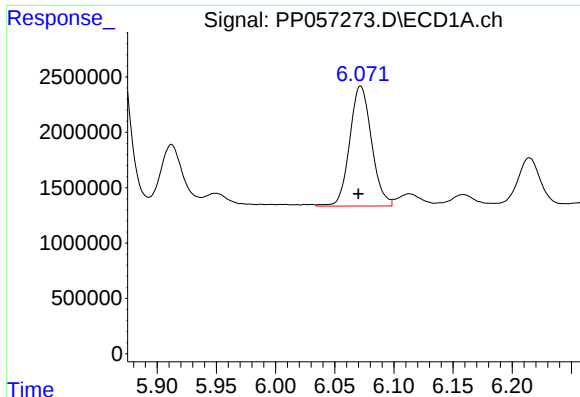
#6 AR-1016-4

R.T.: 5.773 min
Delta R.T.: 0.001 min
Response: 516146
Conc: 12.04 ng/ml



#6 AR-1016-4

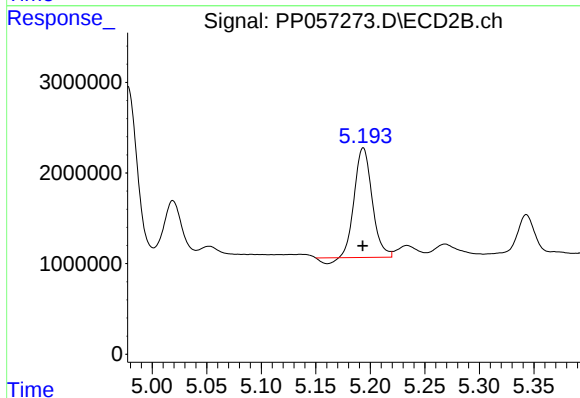
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 21792167
Conc: 581.36 ng/ml



#7 AR-1016-5

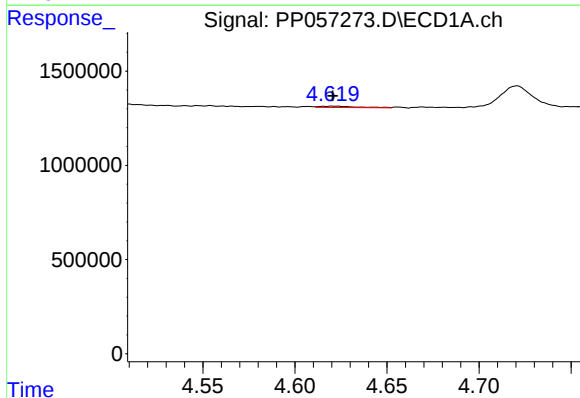
R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 13945832
Conc: 292.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



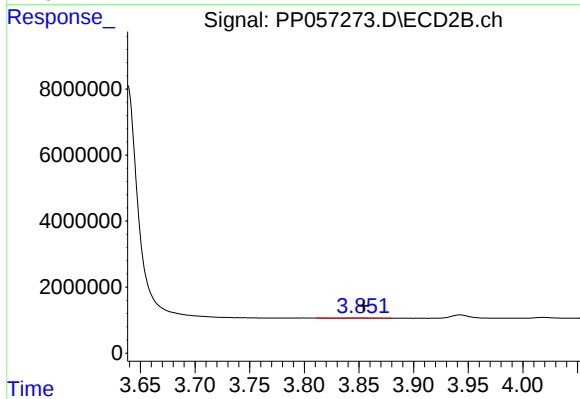
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 13444534
Conc: 277.18 ng/ml



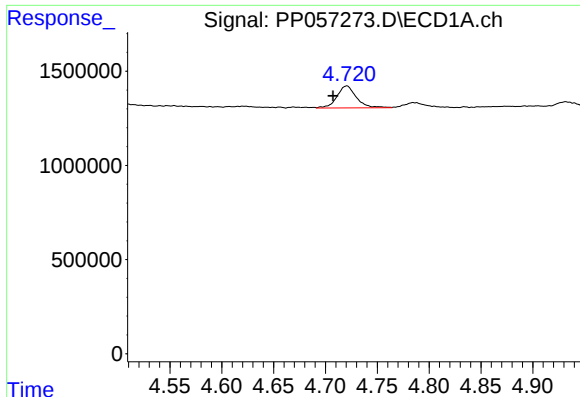
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 96629
Conc: 3.71 ng/ml



#8 AR-1221-1

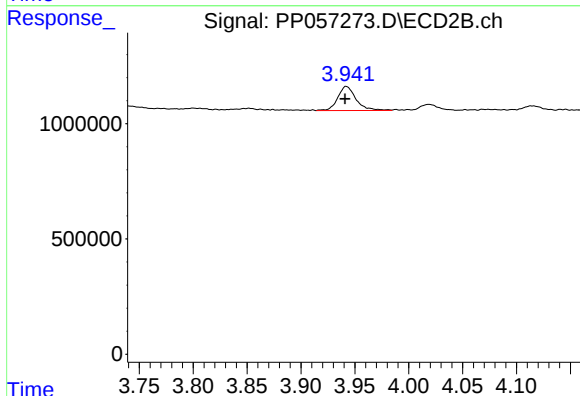
R.T.: 3.852 min
Delta R.T.: -0.003 min
Response: 44343
Conc: 2.16 ng/ml



#9 AR-1221-2

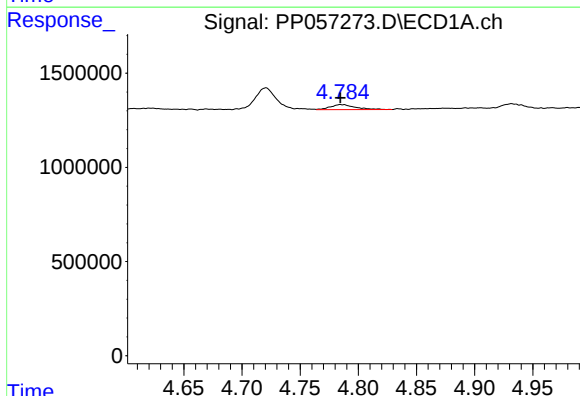
R.T.: 4.720 min
Delta R.T.: 0.013 min
Response: 1519989
Conc: 79.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



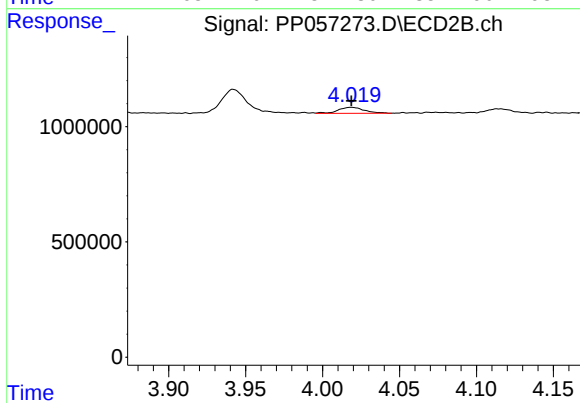
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: 0.001 min
Response: 1235507
Conc: 79.44 ng/ml



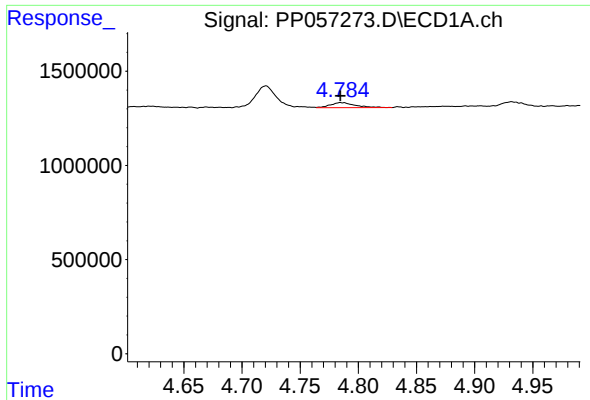
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 406642
Conc: 7.13 ng/ml



#10 AR-1221-3

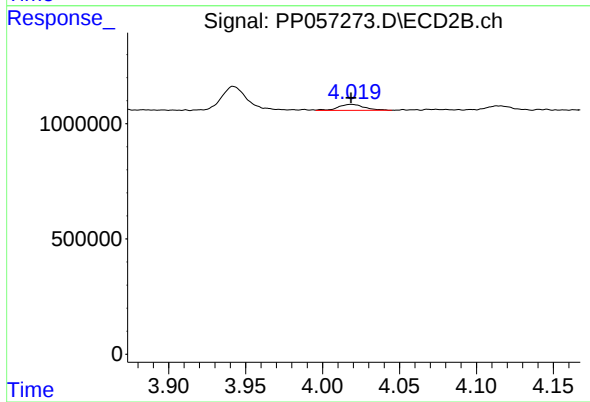
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 302908
Conc: 6.41 ng/ml



#11 AR-1232-1

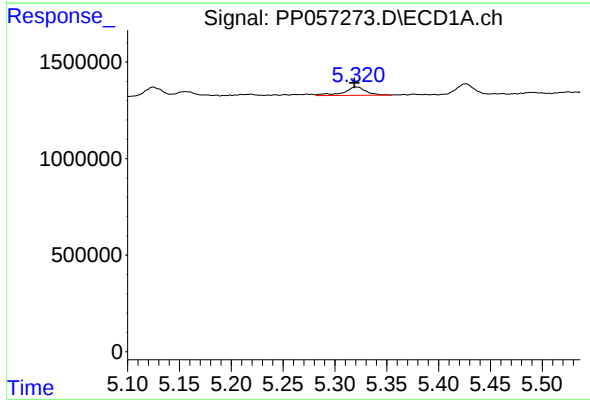
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 406642
Conc: 8.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



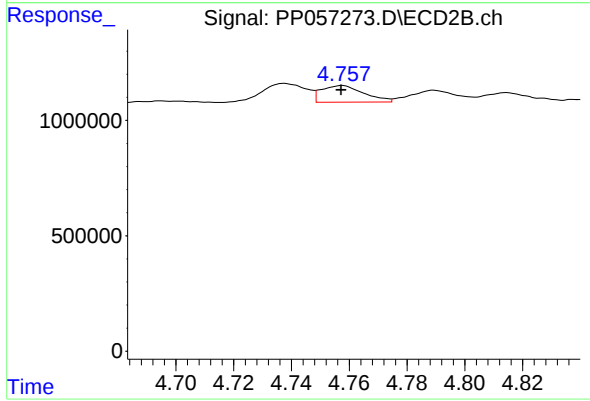
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 302908
Conc: 7.54 ng/ml



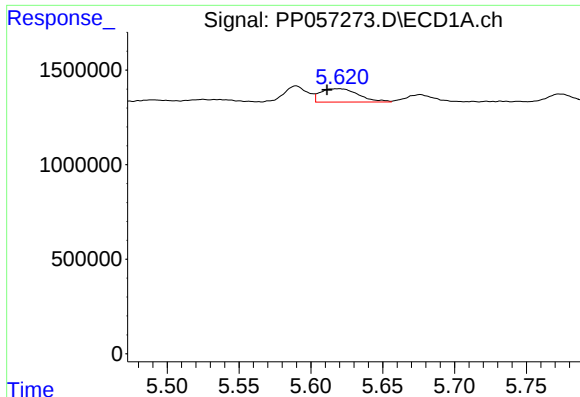
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: 0.002 min
Response: 639620
Conc: 25.33 ng/ml



#12 AR-1232-2

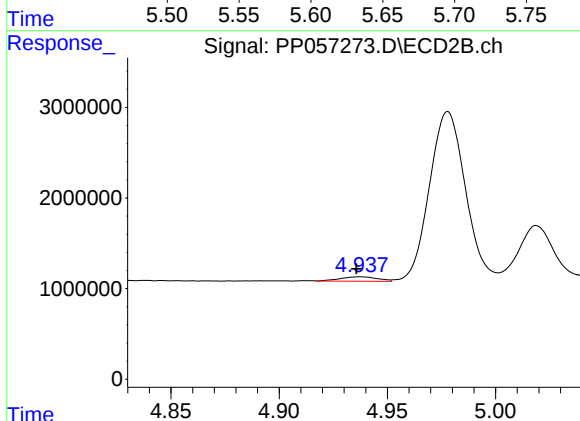
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 736731
Conc: 20.47 ng/ml



#13 AR-1232-3

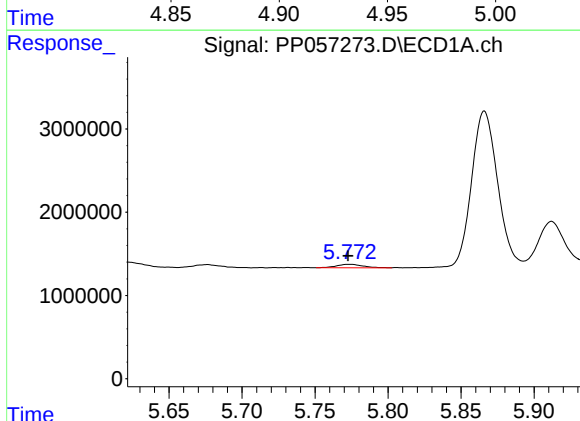
R.T.: 5.619 min
Delta R.T.: 0.008 min
Response: 1298644
Conc: 31.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



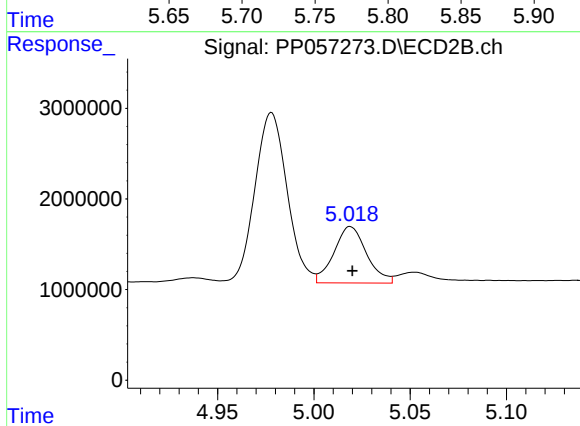
#13 AR-1232-3

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 584529
Conc: 30.22 ng/ml



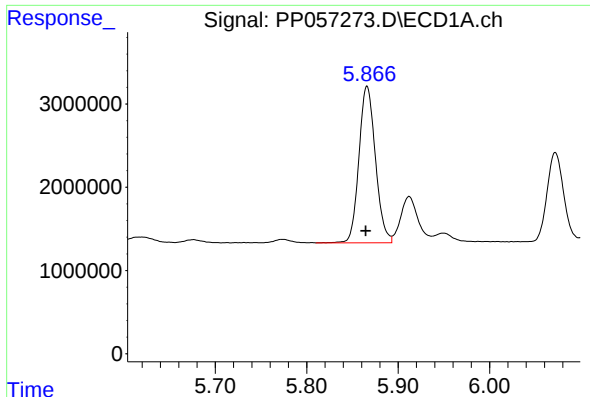
#14 AR-1232-4

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 516146
Conc: 25.34 ng/ml



#14 AR-1232-4

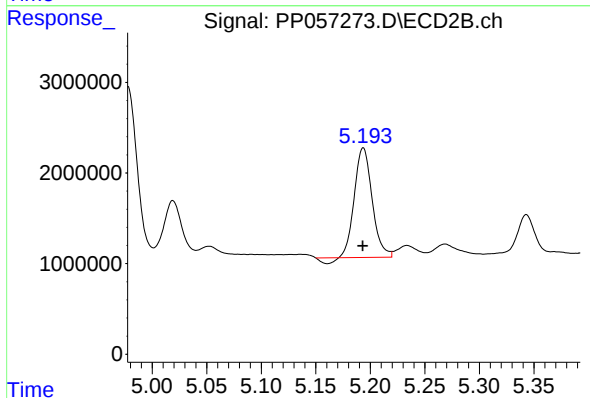
R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 7326794
Conc: 361.54 ng/ml



#15 AR-1232-5

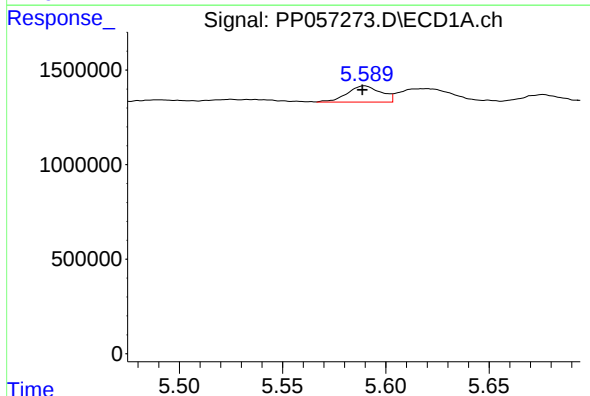
R.T.: 5.866 min
Delta R.T.: 0.001 min
Response: 23566348
Conc: 1199.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



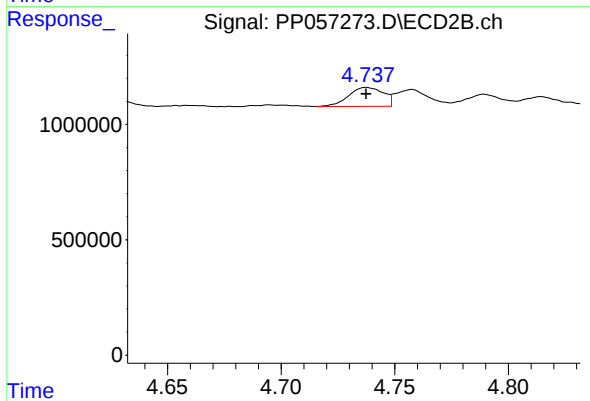
#15 AR-1232-5

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 13444534
Conc: 607.16 ng/ml



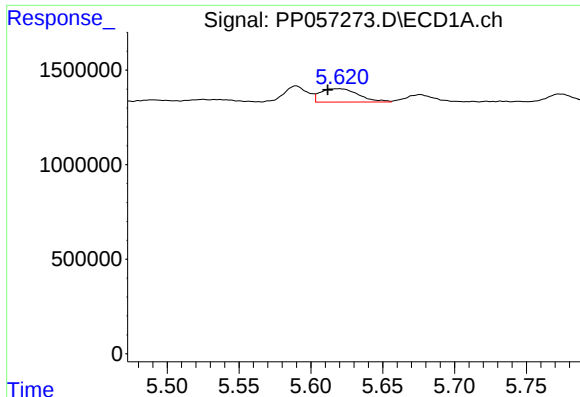
#16 AR-1242-1

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 977153
Conc: 19.87 ng/ml



#16 AR-1242-1

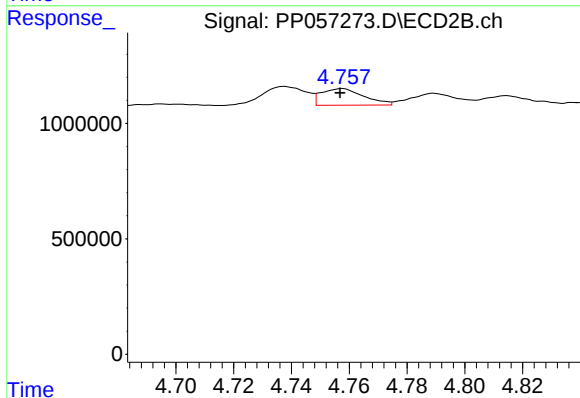
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 873231
Conc: 19.40 ng/ml



#17 AR-1242-2

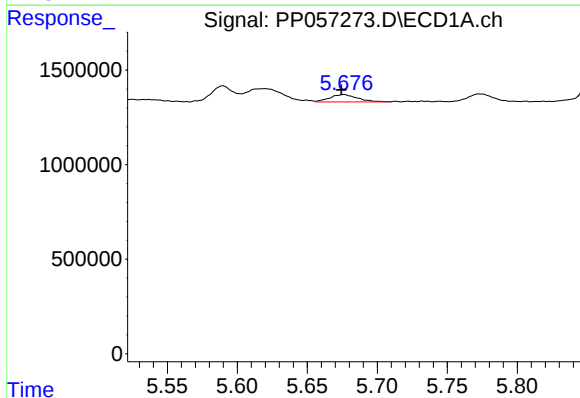
R.T.: 5.619 min
Delta R.T.: 0.007 min
Response: 1298644
Conc: 18.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



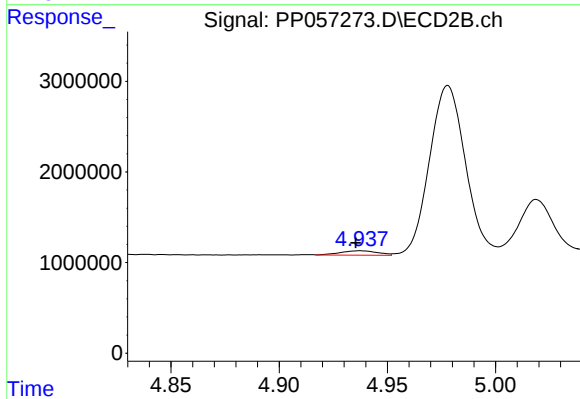
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 736731
Conc: 11.87 ng/ml



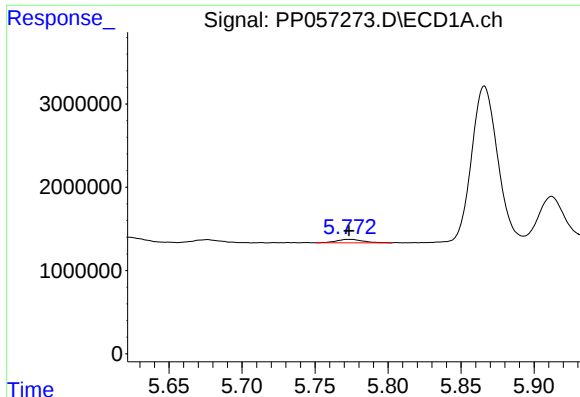
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: 0.002 min
Response: 537243
Conc: 11.99 ng/ml



#18 AR-1242-3

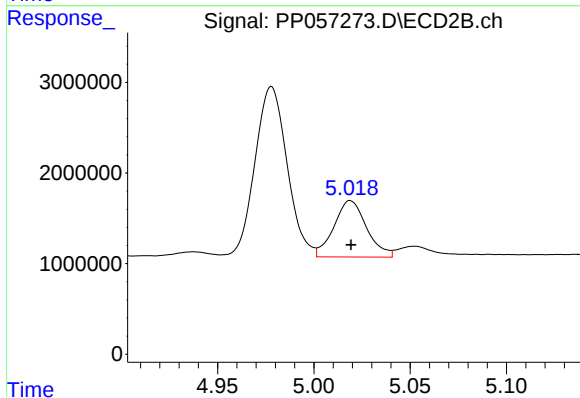
R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 584529
Conc: 16.91 ng/ml



#19 AR-1242-4

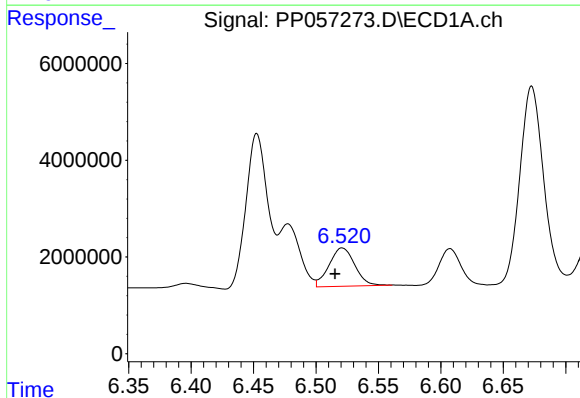
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 516146
Conc: 14.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



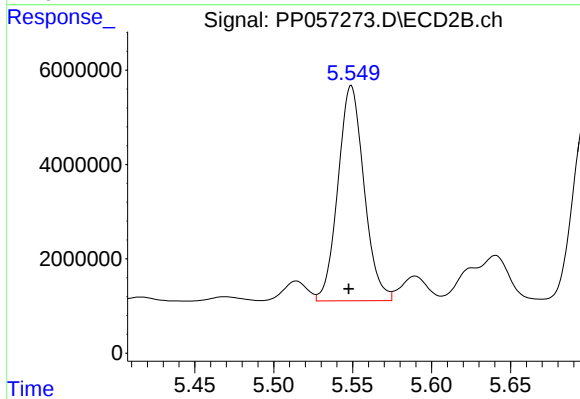
#19 AR-1242-4

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 7326794
Conc: 186.66 ng/ml



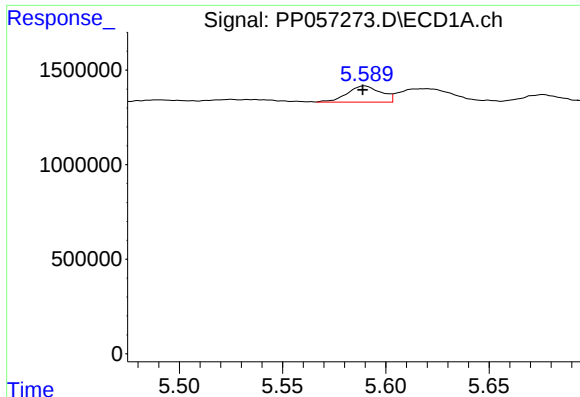
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: 0.006 min
Response: 11375531
Conc: 359.75 ng/ml



#20 AR-1242-5

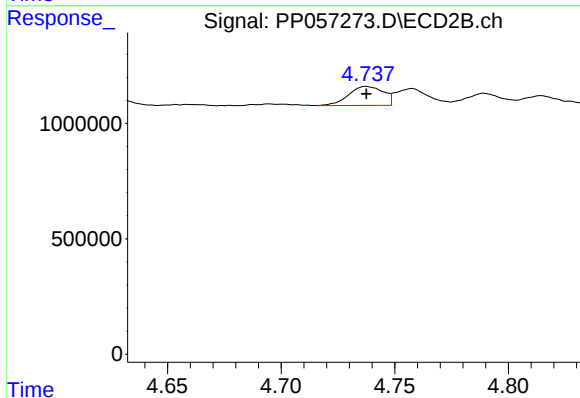
R.T.: 5.549 min
Delta R.T.: 0.002 min
Response: 52417282
Conc: 1200.38 ng/ml



#21 AR-1248-1

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 977153
Conc: 26.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



#21 AR-1248-1

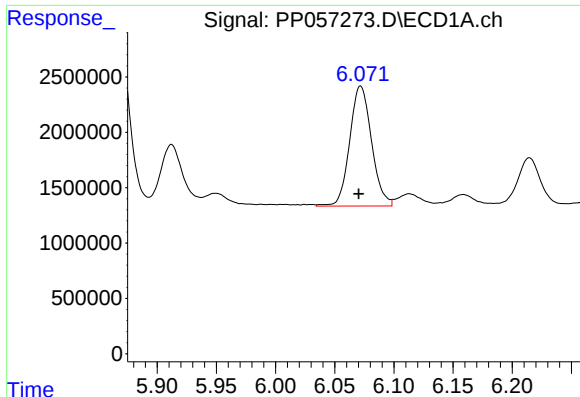
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 873231
Conc: 25.55 ng/ml

#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 23566348
Conc: 371.93 ng/ml

#22 AR-1248-2

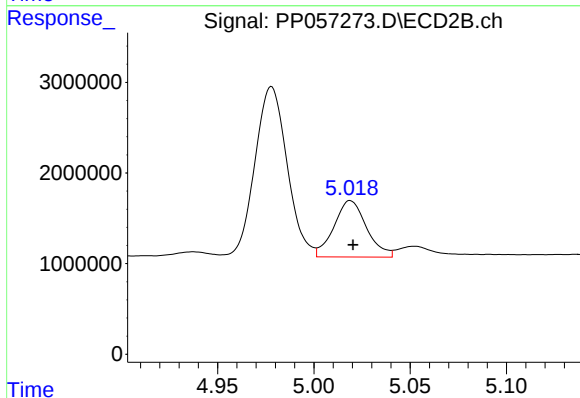
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 21792167
Conc: 393.28 ng/ml



#23 AR-1248-3

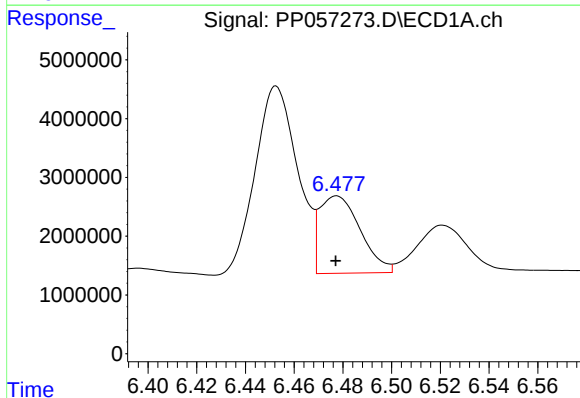
R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 13945832
Conc: 210.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



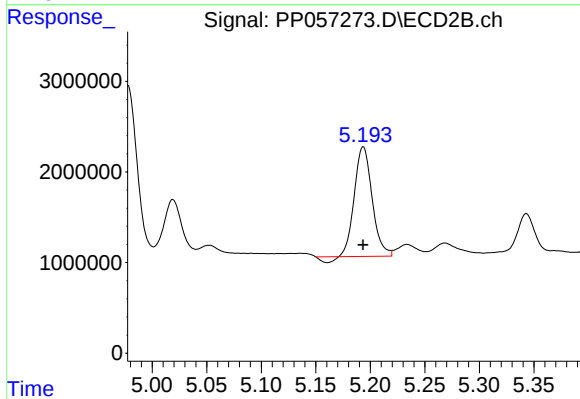
#23 AR-1248-3

R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 7326794
Conc: 127.23 ng/ml



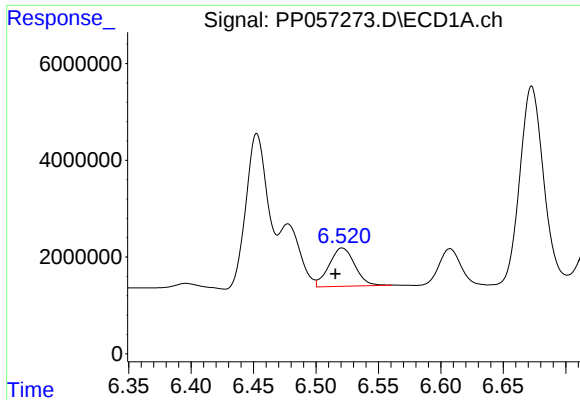
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 15327154
Conc: 272.69 ng/ml



#24 AR-1248-4

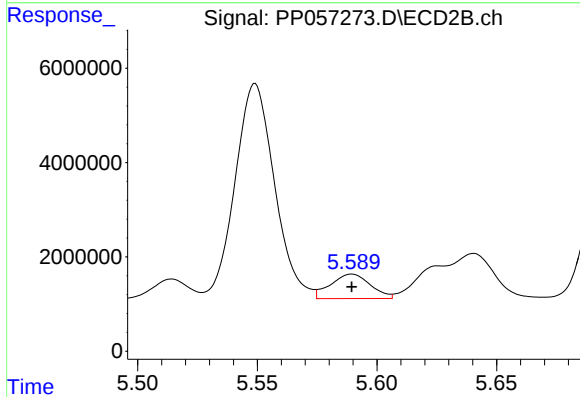
R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 13444534
Conc: 203.22 ng/ml



#25 AR-1248-5

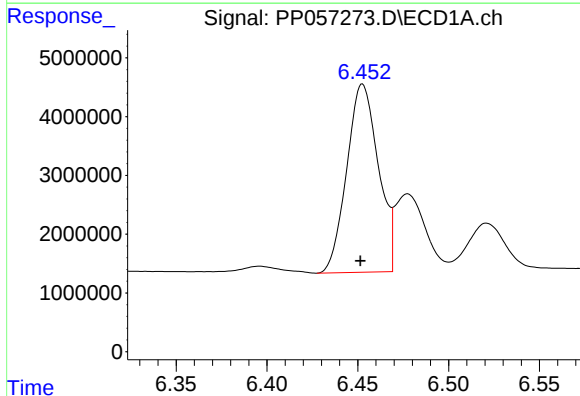
R.T.: 6.521 min
Delta R.T.: 0.005 min
Response: 11375531
Conc: 208.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



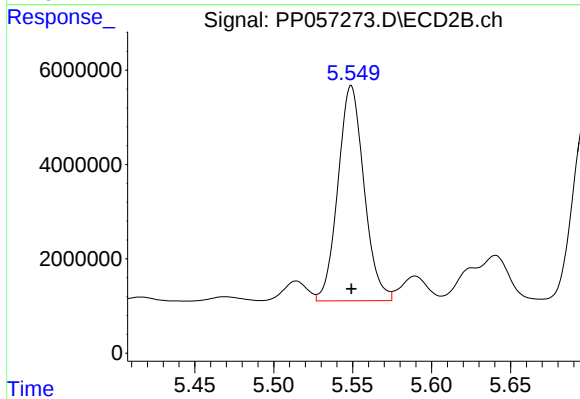
#25 AR-1248-5

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 6008758
Conc: 105.59 ng/ml



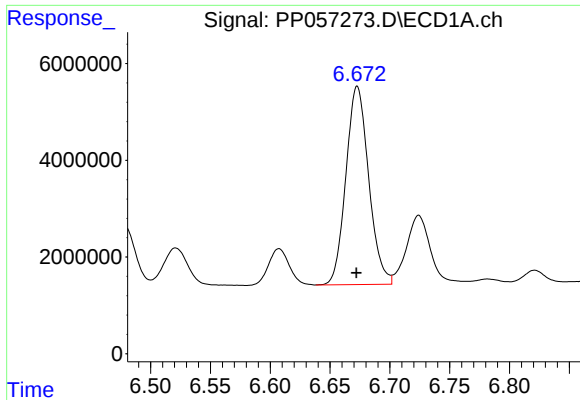
#26 AR-1254-1

R.T.: 6.453 min
Delta R.T.: 0.001 min
Response: 38748879
Conc: 515.31 ng/ml



#26 AR-1254-1

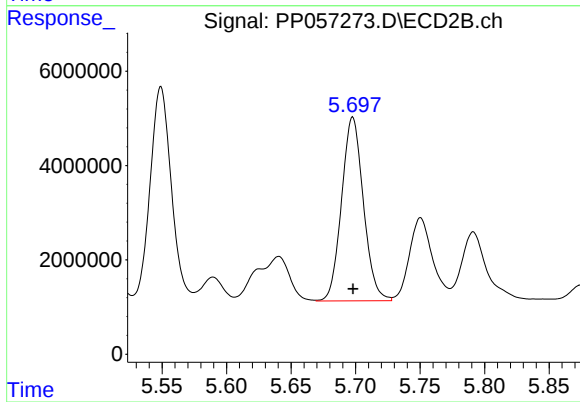
R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 52417282
Conc: 523.29 ng/ml



#27 AR-1254-2

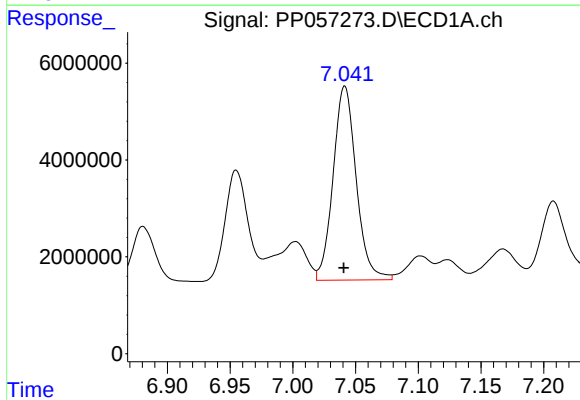
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 54363190
Conc: 516.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



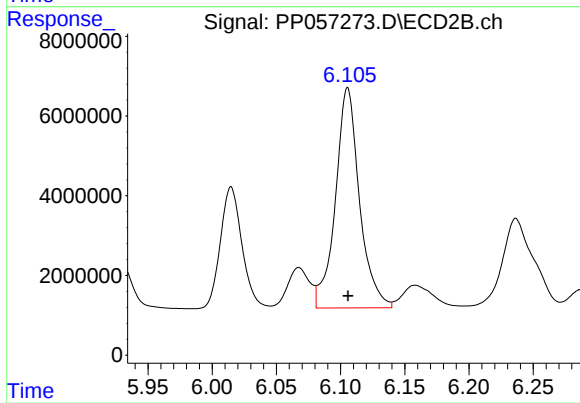
#27 AR-1254-2

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 45901342
Conc: 521.55 ng/ml



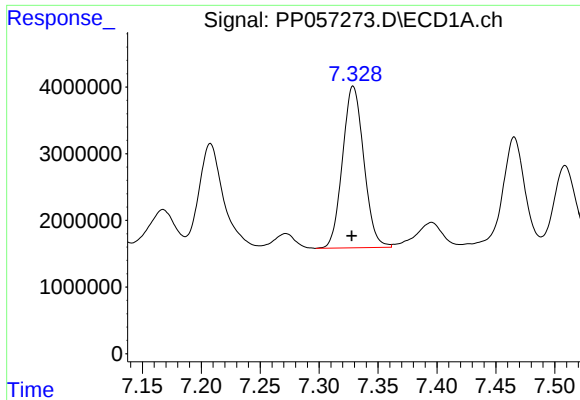
#28 AR-1254-3

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 51369238
Conc: 526.33 ng/ml



#28 AR-1254-3

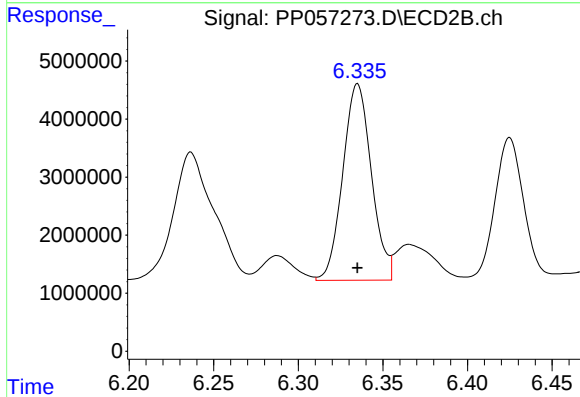
R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 72064283
Conc: 525.80 ng/ml



#29 AR-1254-4

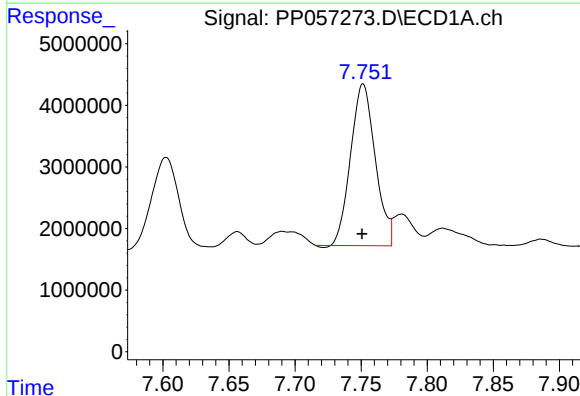
R.T.: 7.329 min
Delta R.T.: 0.001 min
Response: 30505355
Conc: 519.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



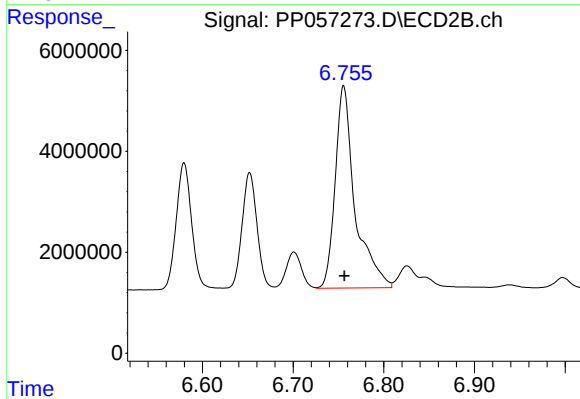
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 39855115
Conc: 528.79 ng/ml



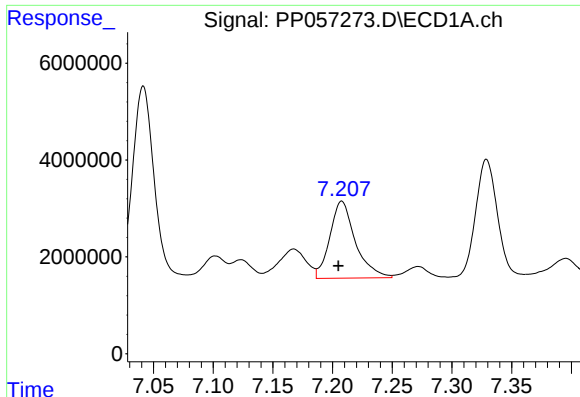
#30 AR-1254-5

R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 33981570
Conc: 537.41 ng/ml



#30 AR-1254-5

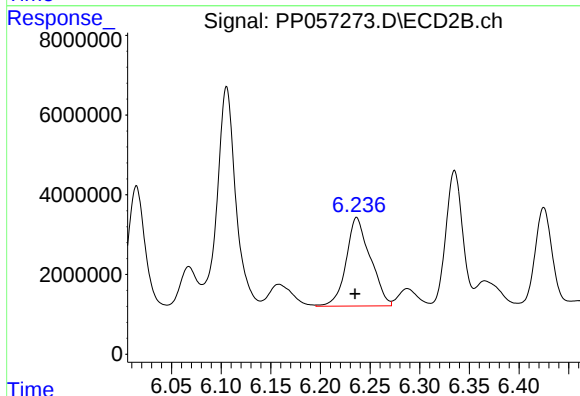
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 60796228
Conc: 525.48 ng/ml



#31 AR-1260-1

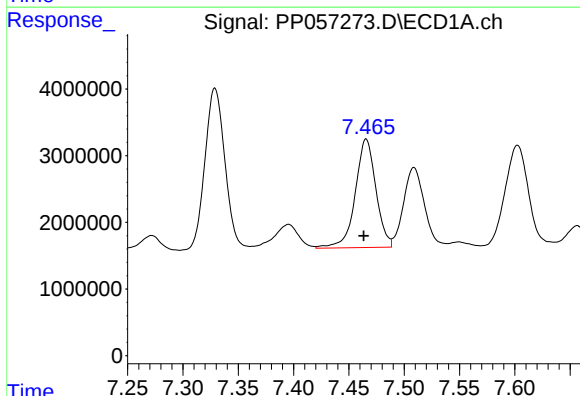
R.T.: 7.208 min
Delta R.T.: 0.003 min
Response: 23719630
Conc: 274.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



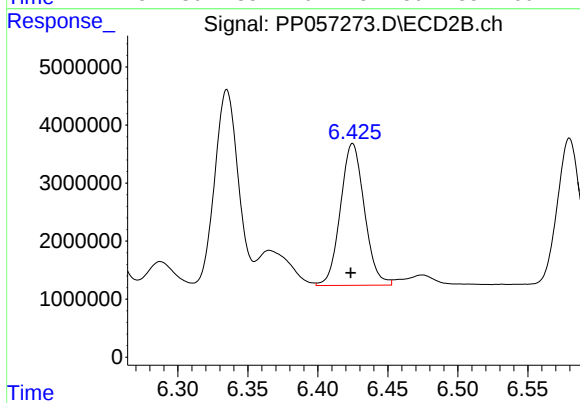
#31 AR-1260-1

R.T.: 6.237 min
Delta R.T.: 0.002 min
Response: 37591396
Conc: 360.99 ng/ml



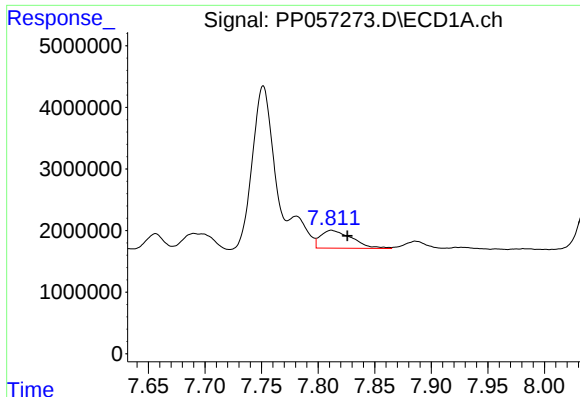
#32 AR-1260-2

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 21187588
Conc: 257.62 ng/ml



#32 AR-1260-2

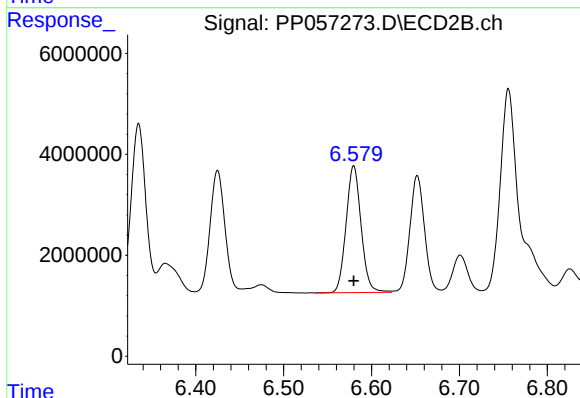
R.T.: 6.425 min
Delta R.T.: 0.001 min
Response: 29093672
Conc: 254.22 ng/ml



#33 AR-1260-3

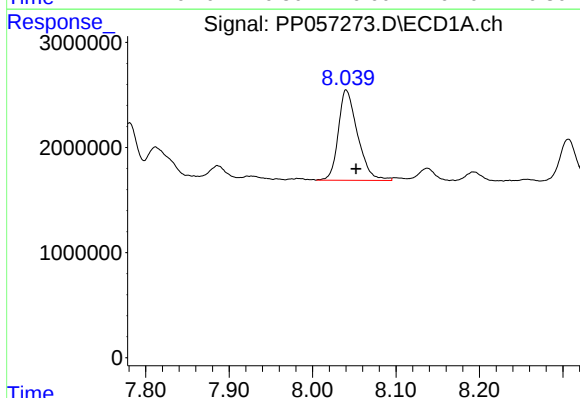
R.T.: 7.812 min
Delta R.T.: -0.014 min
Response: 5572337
Conc: 82.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



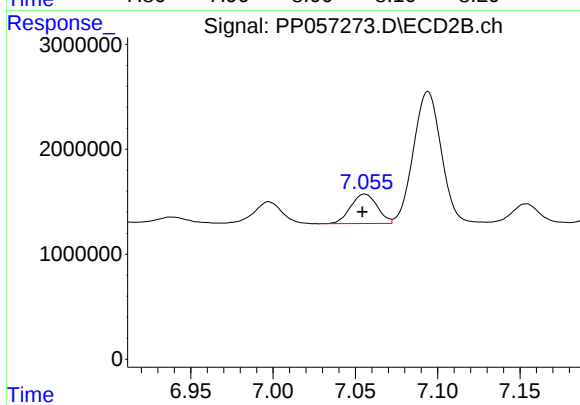
#33 AR-1260-3

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 29782796
Conc: 264.05 ng/ml



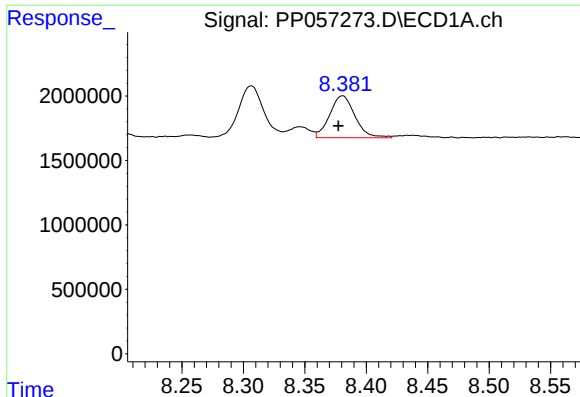
#34 AR-1260-4

R.T.: 8.040 min
Delta R.T.: -0.012 min
Response: 13802553
Conc: 182.55 ng/ml



#34 AR-1260-4

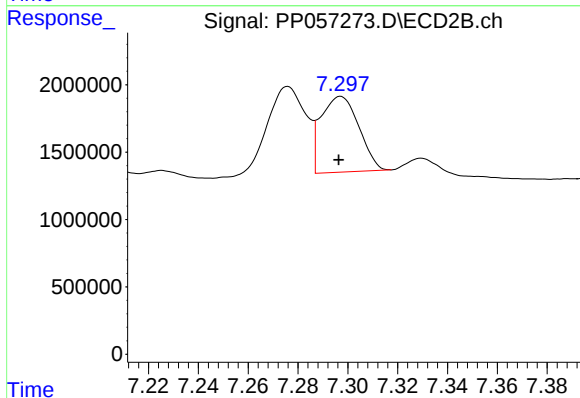
R.T.: 7.056 min
Delta R.T.: 0.001 min
Response: 3140233
Conc: 34.10 ng/ml



#35 AR-1260-5

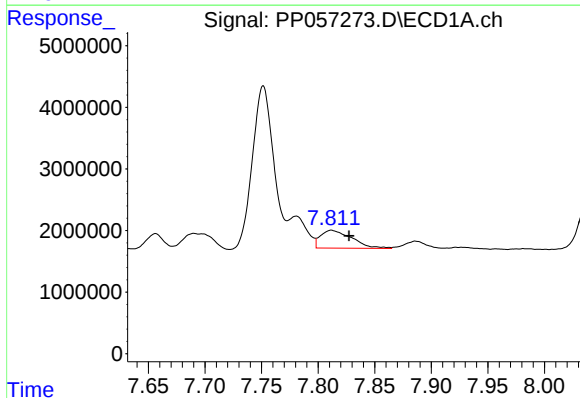
R.T.: 8.381 min
Delta R.T.: 0.003 min
Response: 4632269
Conc: 39.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



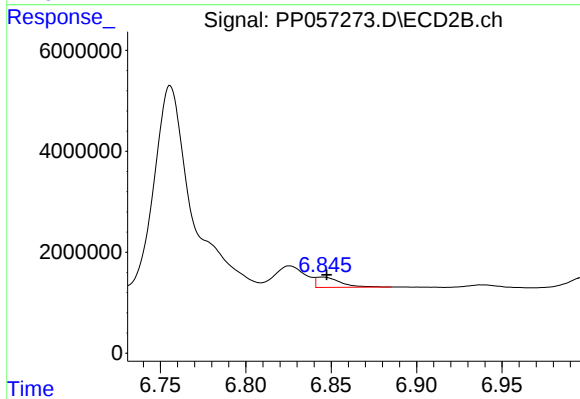
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 5943610
Conc: 33.14 ng/ml



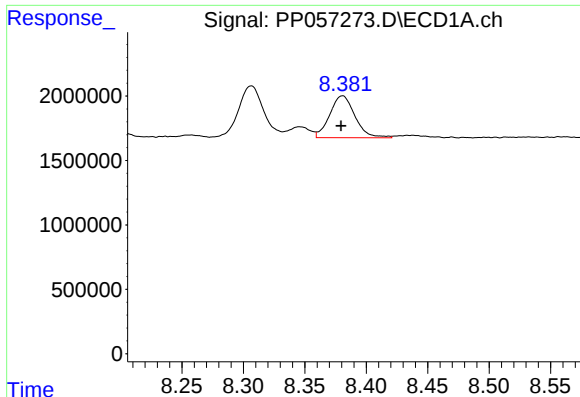
#36 AR-1262-1

R.T.: 7.812 min
Delta R.T.: -0.015 min
Response: 5572337
Conc: 61.19 ng/ml



#36 AR-1262-1

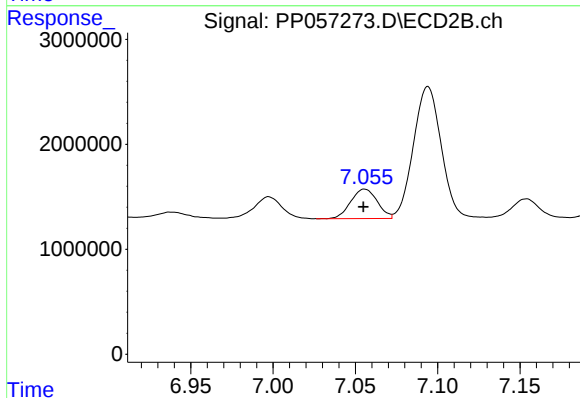
R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 1973192
Conc: 36.52 ng/ml



#37 AR-1262-2

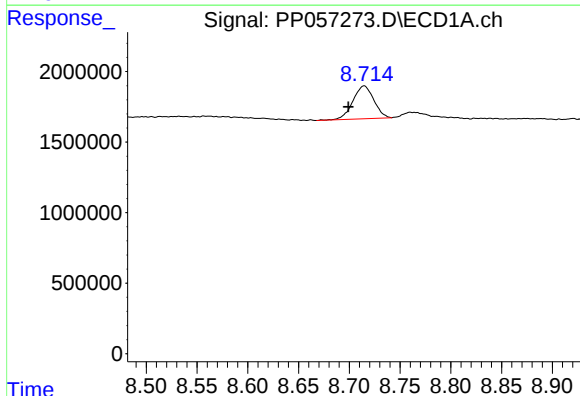
R.T.: 8.381 min
Delta R.T.: 0.001 min
Response: 4632269
Conc: 37.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



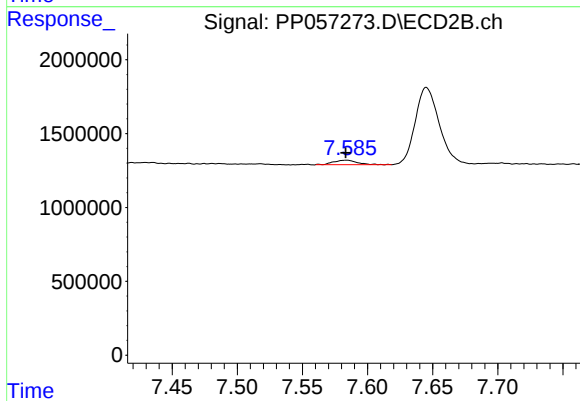
#37 AR-1262-2

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 3140233
Conc: 28.01 ng/ml



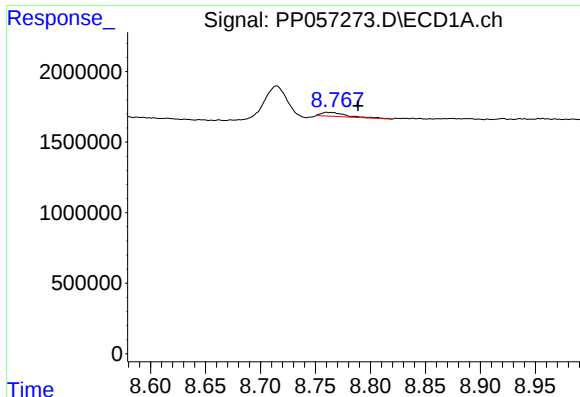
#38 AR-1262-3

R.T.: 8.715 min
Delta R.T.: 0.016 min
Response: 3345437
Conc: 37.70 ng/ml



#38 AR-1262-3

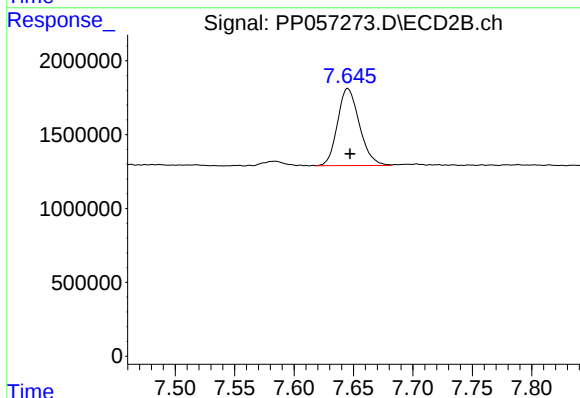
R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 382458
Conc: 4.82 ng/ml



#39 AR-1262-4

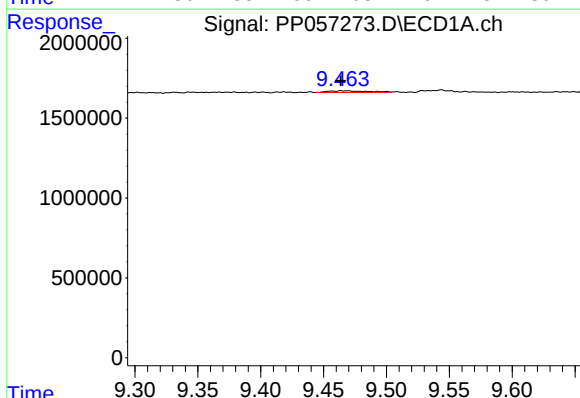
R.T.: 8.760 min
Delta R.T.: -0.029 min
Response: 453930
Conc: 6.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



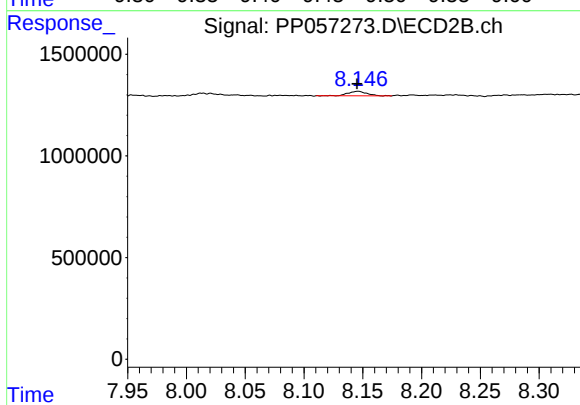
#39 AR-1262-4

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 6696724
Conc: 45.30 ng/ml



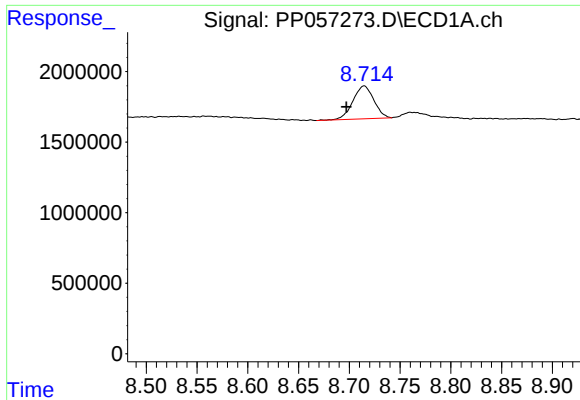
#40 AR-1262-5

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 223449
Conc: 5.64 ng/ml



#40 AR-1262-5

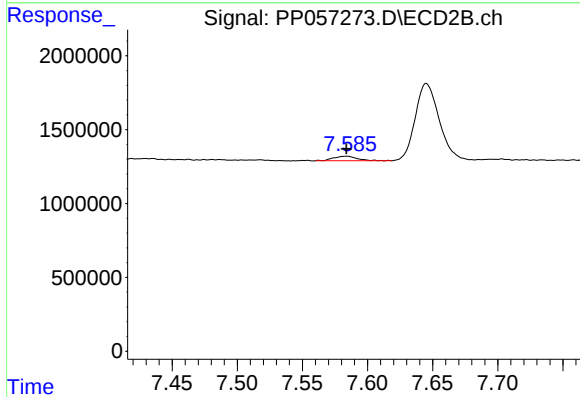
R.T.: 8.146 min
Delta R.T.: 0.001 min
Response: 246143
Conc: 3.78 ng/ml



#41 AR-1268-1

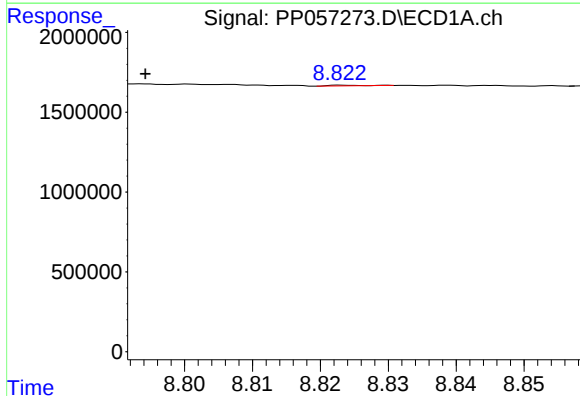
R.T.: 8.715 min
Delta R.T.: 0.018 min
Response: 3345437
Conc: 18.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



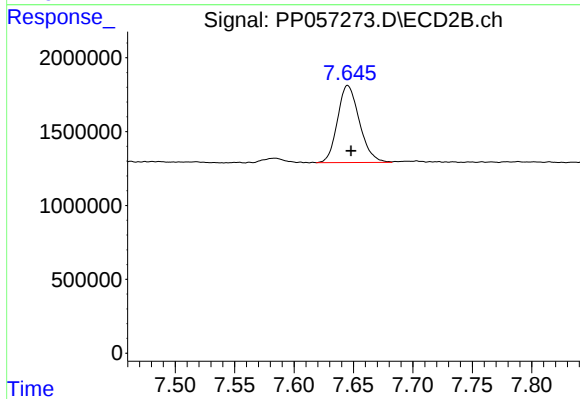
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 382458
Conc: 1.54 ng/ml



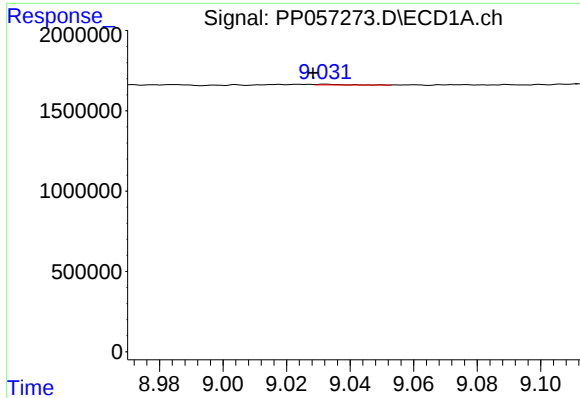
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: 0.029 min
Response: 6562
Conc: 0.05 ng/ml



#42 AR-1268-2

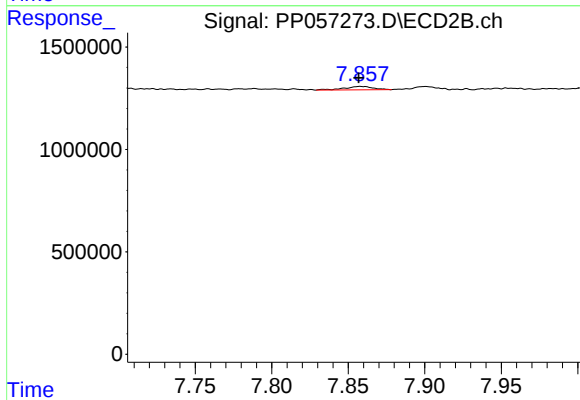
R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 6696724
Conc: 29.38 ng/ml



#43 AR-1268-3

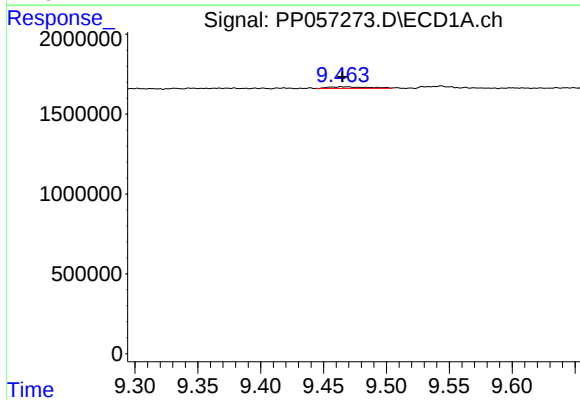
R.T.: 9.032 min
Delta R.T.: 0.004 min
Response: 25428
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



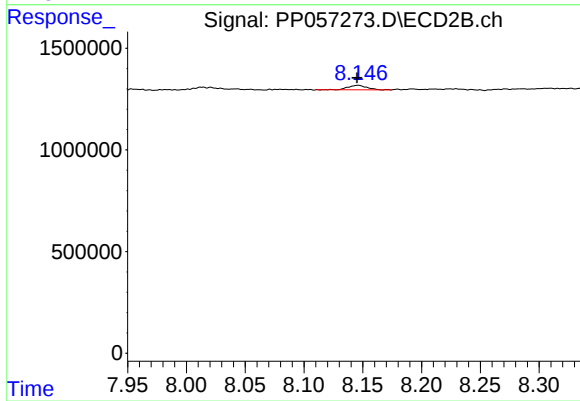
#43 AR-1268-3

R.T.: 7.858 min
Delta R.T.: 0.001 min
Response: 213464
Conc: 1.00 ng/ml



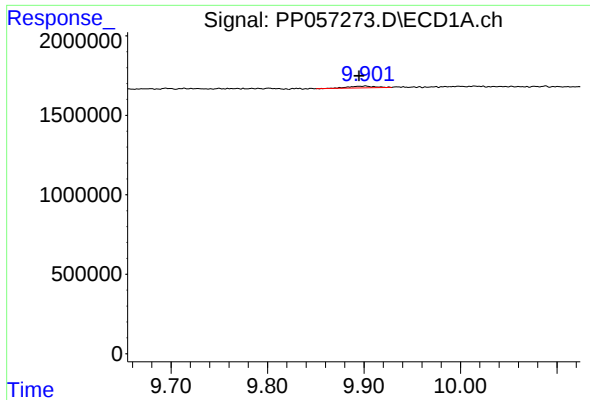
#44 AR-1268-4

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 223449
Conc: 4.81 ng/ml



#44 AR-1268-4

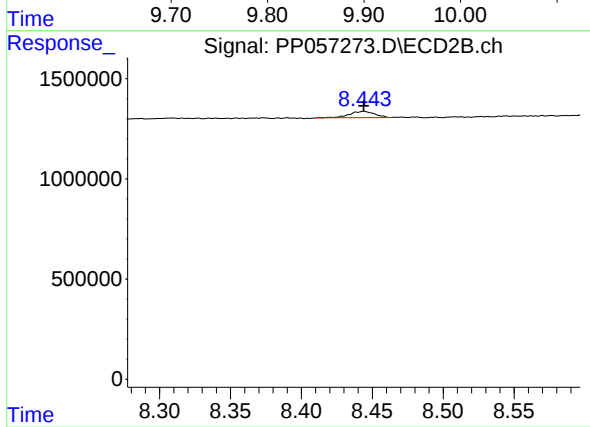
R.T.: 8.146 min
Delta R.T.: 0.001 min
Response: 246143
Conc: 3.28 ng/ml



#45 AR-1268-5

R.T.: 9.902 min
Delta R.T.: 0.007 min
Response: 218627
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 392841
Conc: 0.72 ng/ml