

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060723\
 Data File : PP058265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2023 15:09
 Operator : YP\AJ
 Sample : 03039-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 21:04:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 06 04:59:28 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...	4.378	3.616	56993292	53750997	24.902	24.911
2)	SA Decachlor...	10.205	8.678	26556731	34594663	23.774	20.982
Target Compounds							
3)	L1 AR-1016-1	5.583f	4.712	2655071	524083	41.712	7.471 #
4)	L1 AR-1016-2	5.583	4.743	2655071	2760154	28.757	28.042
5)	L1 AR-1016-3	0.000	4.908	0	993782	N.D.	17.677 #
6)	L1 AR-1016-4	0.000	4.956	0	563732	N.D.	12.608 #
7)	L1 AR-1016-5	6.051	5.176	1075481	53276	21.247	0.925 #
8)	L2 AR-1221-1	4.586	3.824	2490598	236382	87.981	8.895 #
9)	L2 AR-1221-2	4.687	3.903f	899660	3187362	42.575	157.270 #
10)	L2 AR-1221-3	4.768	3.994	306416	562965	5.151	9.505 #
11)	L3 AR-1232-1	4.768f	3.994	306416	562965	6.780	12.894 #
12)	L3 AR-1232-2	5.285	4.743	484008	2760154	17.269	60.766 #
13)	L3 AR-1232-3	5.583	4.908	2655071	993782	61.179	37.980 #
14)	L3 AR-1232-4	0.000	5.023f	0	1631859	N.D.	69.038 #
15)	L3 AR-1232-5	5.841	5.176	242058	53276	12.171	2.011 #
16)	L4 AR-1242-1	5.583f	4.712	2655071	524083	52.234	9.481 #
17)	L4 AR-1242-2	5.583	4.743	2655071	2760154	36.104	35.903
18)	L4 AR-1242-3	0.000	4.908	0	993782	N.D.	22.491 #
19)	L4 AR-1242-4	0.000	5.023f	0	1631859	N.D.	36.732 #
20)	L4 AR-1242-5	0.000	5.531	0	5490252	N.D.	99.341 #
21)	L5 AR-1248-1	5.583f	4.712	2655071	524083	66.369	11.895 #
22)	L5 AR-1248-2	5.841	4.956	242058	563732	3.776	9.093 #
23)	L5 AR-1248-3	6.051	5.023f	1075481	1631859	15.624	24.882 #
24)	L5 AR-1248-4	6.458	5.176	5145800	53276	81.559	0.689 #
25)	L5 AR-1248-5	0.000	5.570	0	1080341	N.D.	14.632 #
26)	L6 AR-1254-1	6.433	5.531	4168149	5490252	57.043	50.636
27)	L6 AR-1254-2	6.650	5.675	3510391	1900955	34.183	19.583 #
28)	L6 AR-1254-3	7.019	6.081	4523223	2079802	45.881	13.433 #
29)	L6 AR-1254-4	7.302	6.313	882285	484485	13.297	5.163 #
30)	L6 AR-1254-5	7.746f	6.731	5800160	7797044	79.262	53.640 #
31)	L7 AR-1260-1	7.180	6.212	1735200	2524498	20.704	23.192
32)	L7 AR-1260-2	7.432	6.398	4897166	1918439	58.711	14.894 #
33)	L7 AR-1260-3	7.802	6.557	1019069	848880	17.752	6.883 #
34)	L7 AR-1260-4	8.029	7.031	1237354	1470917	18.310	16.248
35)	L7 AR-1260-5	8.353	7.275	1620838	2038496	15.111	10.050 #
36)	L8 AR-1262-1	7.802	6.827	1019069	775177	11.077	12.387
37)	L8 AR-1262-2	8.353	7.031	1620838	1470917	12.329	11.702
38)	L8 AR-1262-3	8.670	7.561	1526175	1762121	16.174	17.751
39)	L8 AR-1262-4	8.765	7.625	1500276	3265327	20.444	18.057
40)	L8 AR-1262-5	9.432	8.124	654420	885888	14.746	10.973 #
41)	L9 AR-1268-1	8.670	7.561	1526175	1762121	9.545	6.376 #

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 ALS Vial : 13 Sample Multiplier: 1

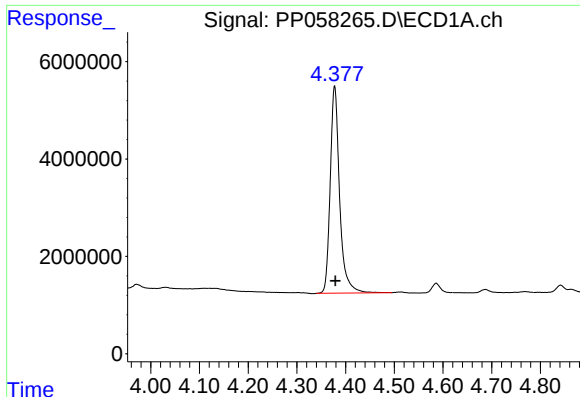
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 21:04:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060623.M
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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	8.765	7.625	1500276	3265327	10.801	12.841
43) L9	AR-1268-3	8.998	7.833	557376	689701	4.314	3.225 #
44) L9	AR-1268-4	9.432	8.124	654420	885888	13.846	10.129 #
45) L9	AR-1268-5	9.856	8.419	1608307	2062472	4.833	3.585 #

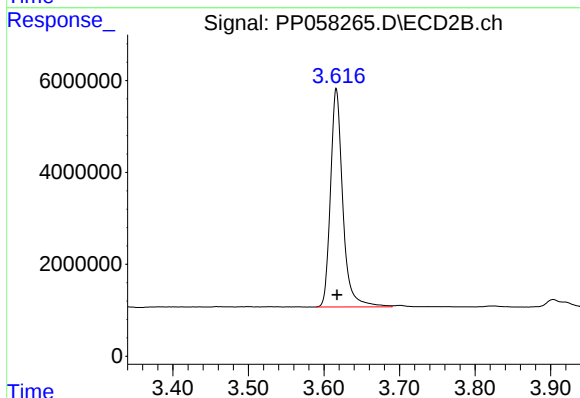
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

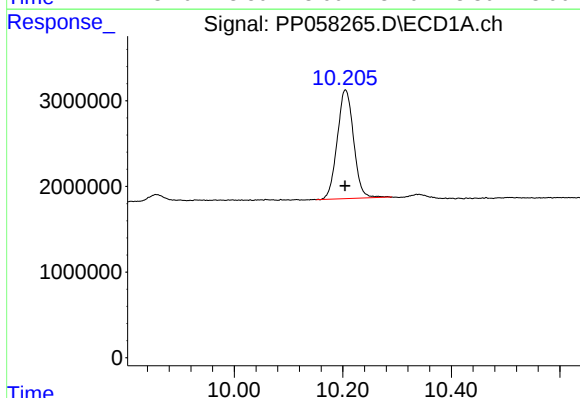
R.T.: 4.378 min
Delta R.T.: -0.001 min
Response: 56993292
Conc: 24.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



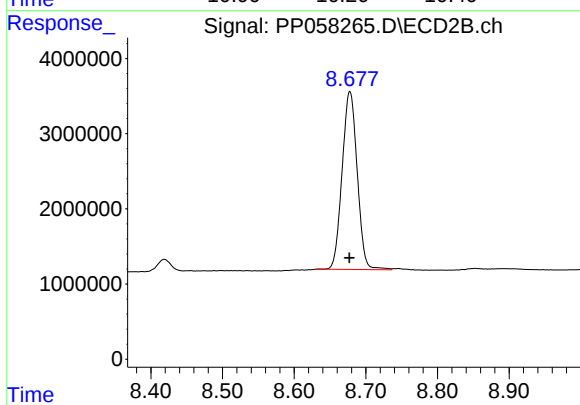
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 53750997
Conc: 24.91 ng/ml



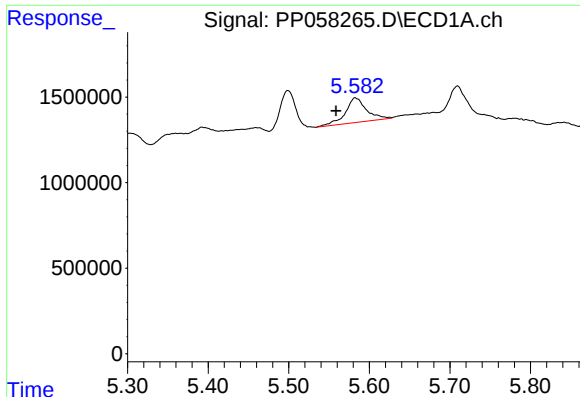
#2 Decachlorobiphenyl

R.T.: 10.205 min
Delta R.T.: 0.000 min
Response: 26556731
Conc: 23.77 ng/ml



#2 Decachlorobiphenyl

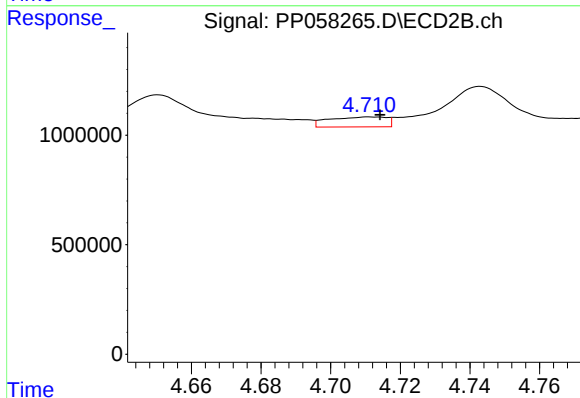
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 34594663
Conc: 20.98 ng/ml



#3 AR-1016-1

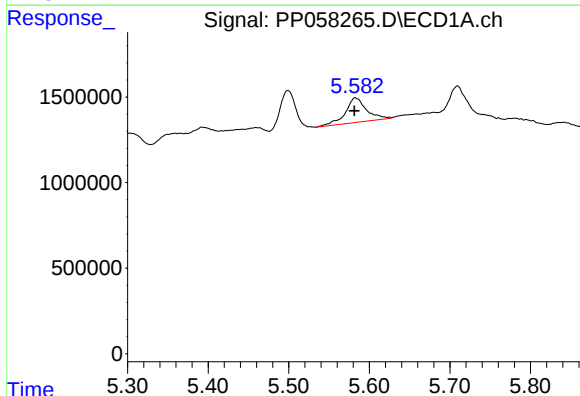
R.T.: 5.583 min
Delta R.T.: 0.024 min
Response: 2655071
Conc: 41.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



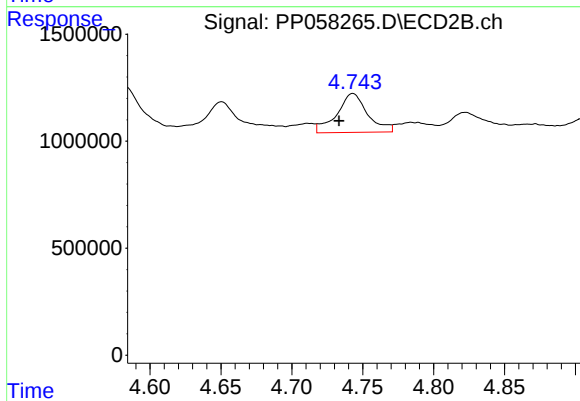
#3 AR-1016-1

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 524083
Conc: 7.47 ng/ml



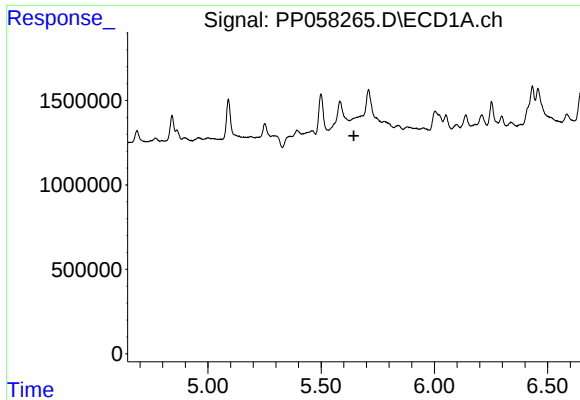
#4 AR-1016-2

R.T.: 5.583 min
Delta R.T.: 0.001 min
Response: 2655071
Conc: 28.76 ng/ml



#4 AR-1016-2

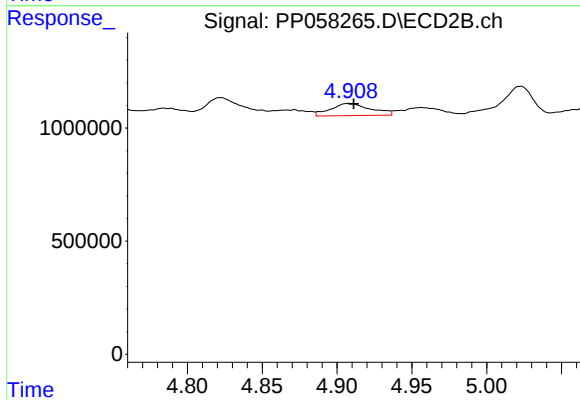
R.T.: 4.743 min
Delta R.T.: 0.010 min
Response: 2760154
Conc: 28.04 ng/ml



#5 AR-1016-3

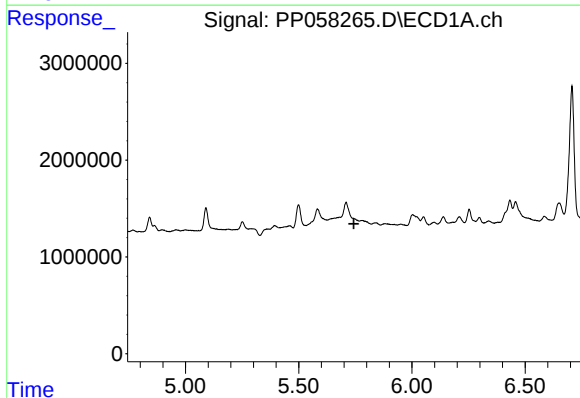
R.T.: 0.000 min
Exp R.T.: 5.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



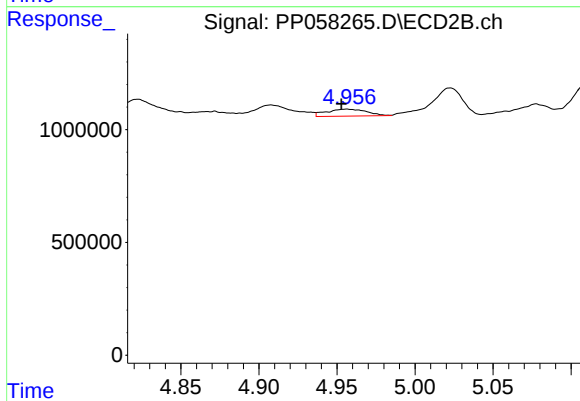
#5 AR-1016-3

R.T.: 4.908 min
Delta R.T.: -0.004 min
Response: 993782
Conc: 17.68 ng/ml



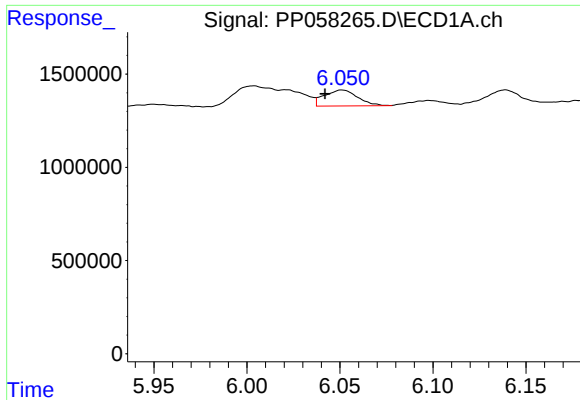
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.743 min
Response: 0
Conc: N.D.



#6 AR-1016-4

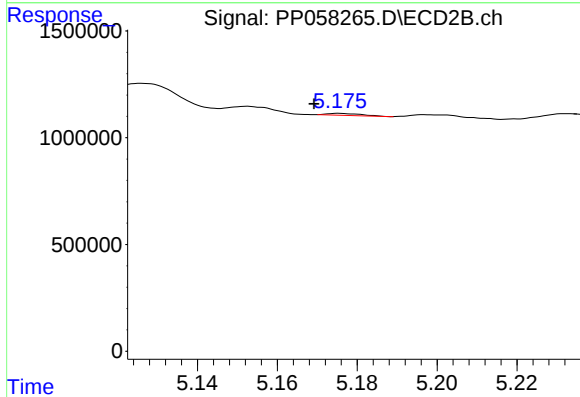
R.T.: 4.956 min
Delta R.T.: 0.003 min
Response: 563732
Conc: 12.61 ng/ml



#7 AR-1016-5

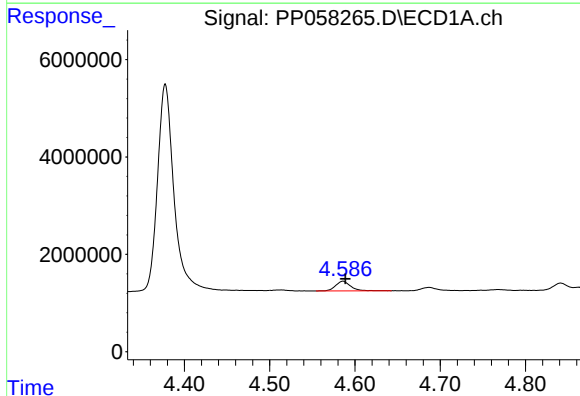
R.T.: 6.051 min
Delta R.T.: 0.009 min
Response: 1075481
Conc: 21.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



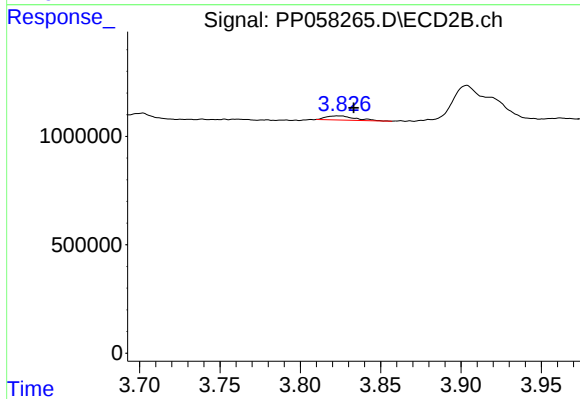
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.006 min
Response: 53276
Conc: 0.93 ng/ml



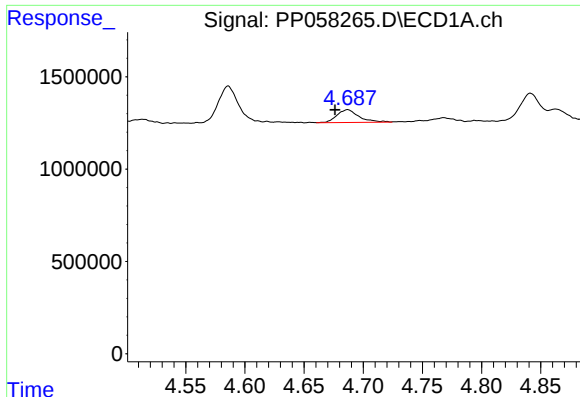
#8 AR-1221-1

R.T.: 4.586 min
Delta R.T.: -0.003 min
Response: 2490598
Conc: 87.98 ng/ml



#8 AR-1221-1

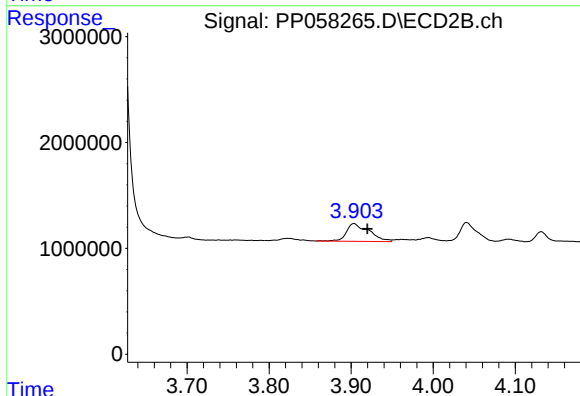
R.T.: 3.824 min
Delta R.T.: -0.009 min
Response: 236382
Conc: 8.90 ng/ml



#9 AR-1221-2

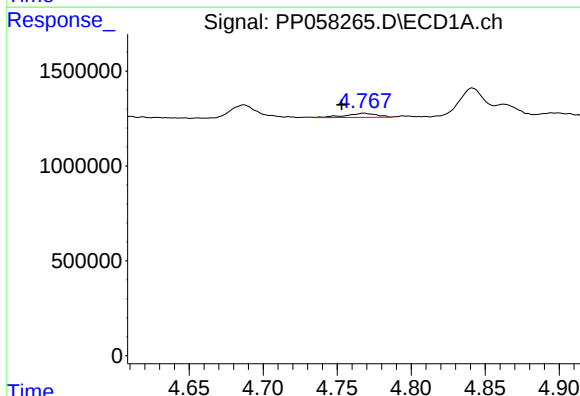
R.T.: 4.687 min
Delta R.T.: 0.011 min
Response: 899660
Conc: 42.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



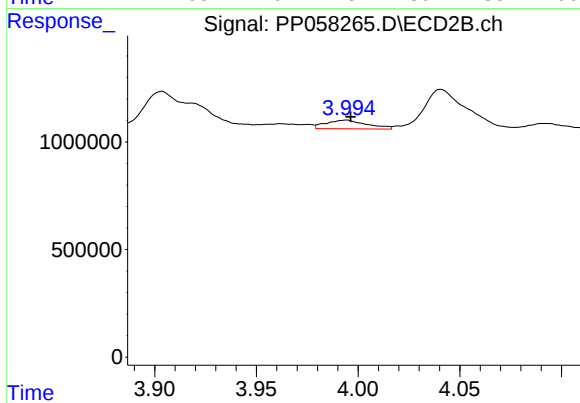
#9 AR-1221-2

R.T.: 3.903 min
Delta R.T.: -0.016 min
Response: 3187362
Conc: 157.27 ng/ml



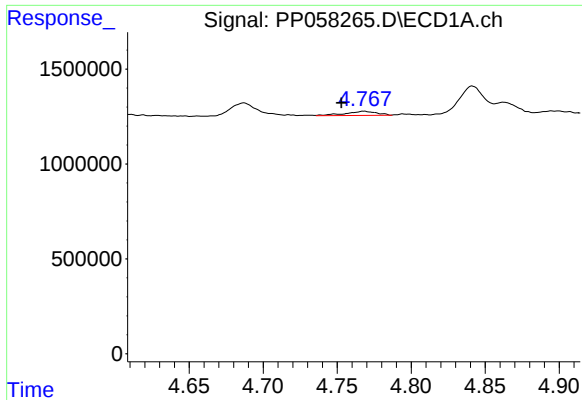
#10 AR-1221-3

R.T.: 4.768 min
Delta R.T.: 0.015 min
Response: 306416
Conc: 5.15 ng/ml



#10 AR-1221-3

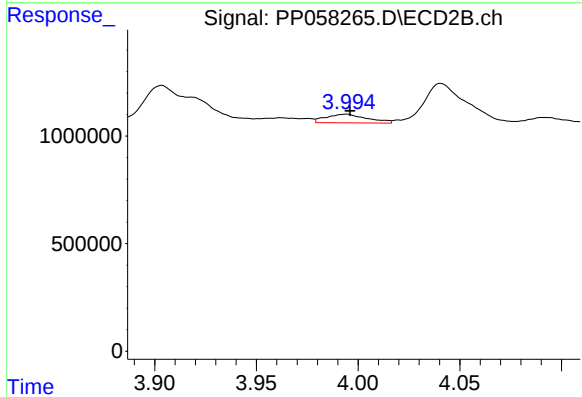
R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 562965
Conc: 9.51 ng/ml



#11 AR-1232-1

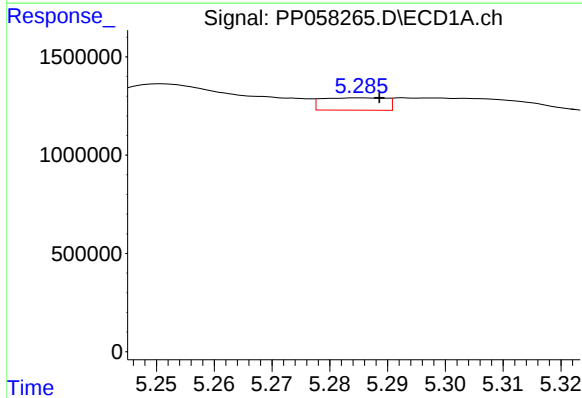
R.T.: 4.768 min
Delta R.T.: 0.015 min
Response: 306416
Conc: 6.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



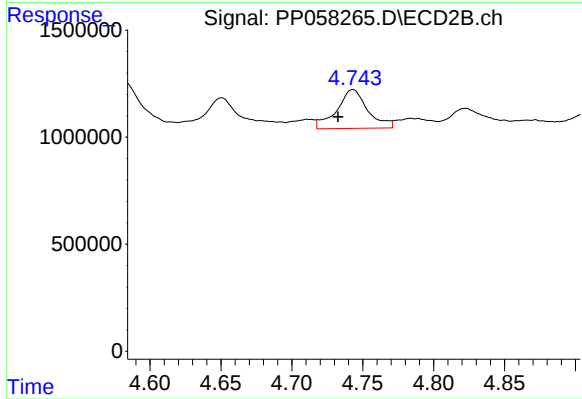
#11 AR-1232-1

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 562965
Conc: 12.89 ng/ml



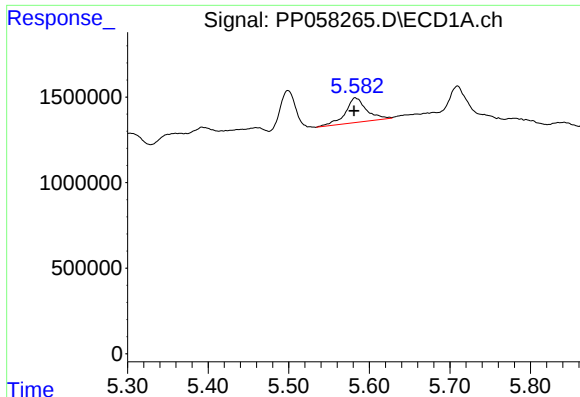
#12 AR-1232-2

R.T.: 5.285 min
Delta R.T.: -0.003 min
Response: 484008
Conc: 17.27 ng/ml



#12 AR-1232-2

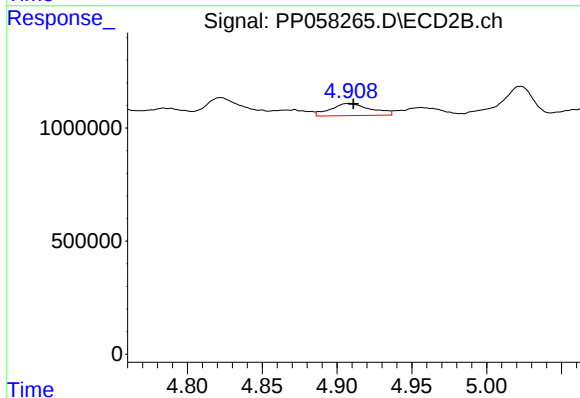
R.T.: 4.743 min
Delta R.T.: 0.010 min
Response: 2760154
Conc: 60.77 ng/ml



#13 AR-1232-3

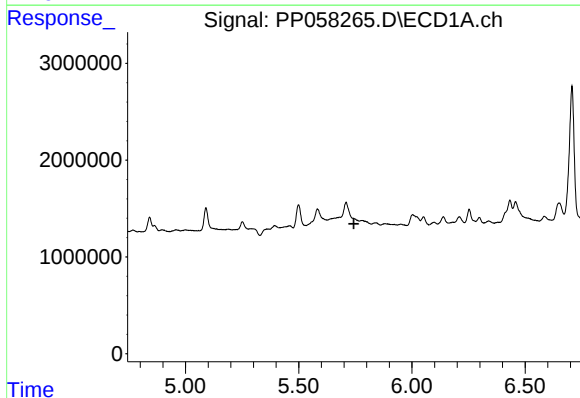
R.T.: 5.583 min
Delta R.T.: 0.001 min
Response: 2655071
Conc: 61.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



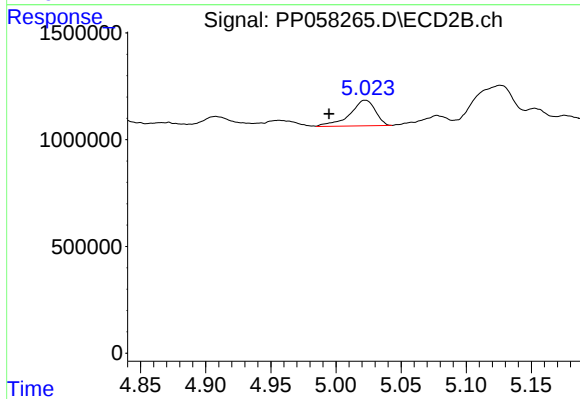
#13 AR-1232-3

R.T.: 4.908 min
Delta R.T.: -0.003 min
Response: 993782
Conc: 37.98 ng/ml



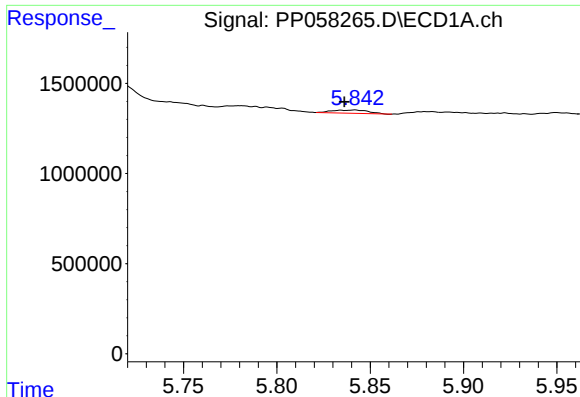
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.744 min
Response: 0
Conc: N.D.



#14 AR-1232-4

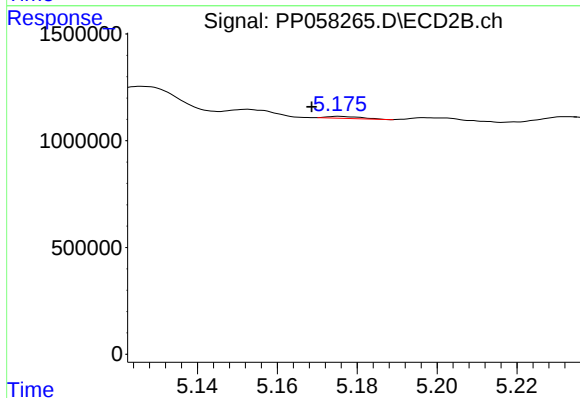
R.T.: 5.023 min
Delta R.T.: 0.028 min
Response: 1631859
Conc: 69.04 ng/ml



#15 AR-1232-5

R.T.: 5.841 min
Delta R.T.: 0.005 min
Response: 242058
Conc: 12.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



#15 AR-1232-5

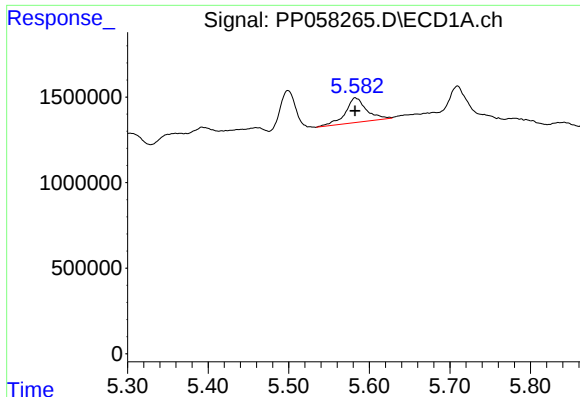
R.T.: 5.176 min
Delta R.T.: 0.007 min
Response: 53276
Conc: 2.01 ng/ml

#16 AR-1242-1

R.T.: 5.583 min
Delta R.T.: 0.023 min
Response: 2655071
Conc: 52.23 ng/ml

#16 AR-1242-1

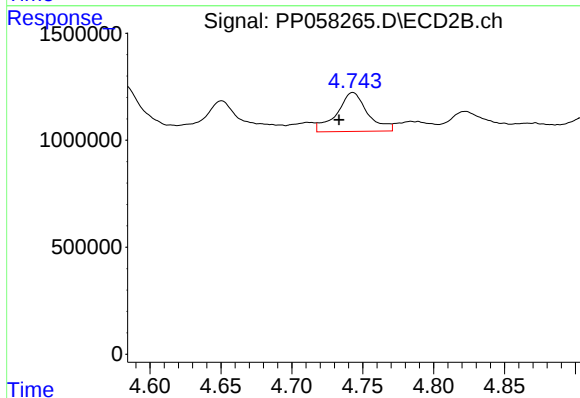
R.T.: 4.712 min
Delta R.T.: -0.003 min
Response: 524083
Conc: 9.48 ng/ml



#17 AR-1242-2

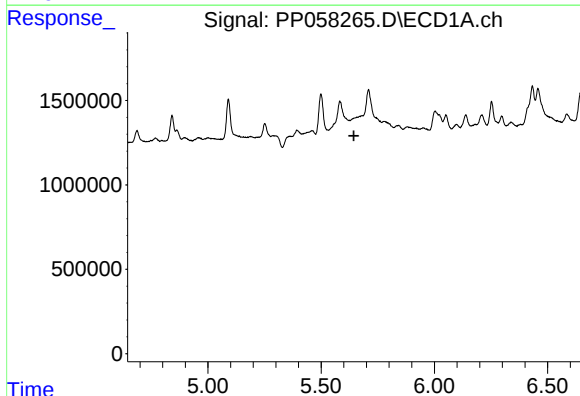
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 2655071
Conc: 36.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



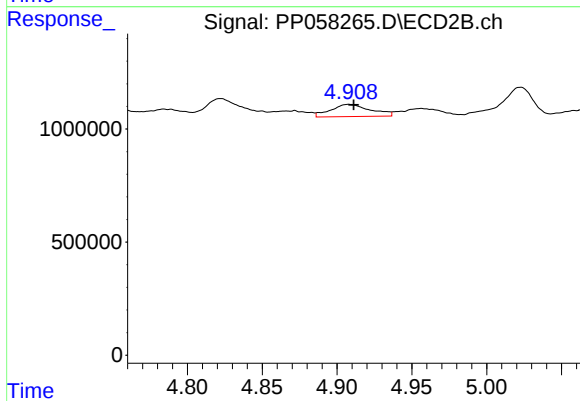
#17 AR-1242-2

R.T.: 4.743 min
Delta R.T.: 0.010 min
Response: 2760154
Conc: 35.90 ng/ml



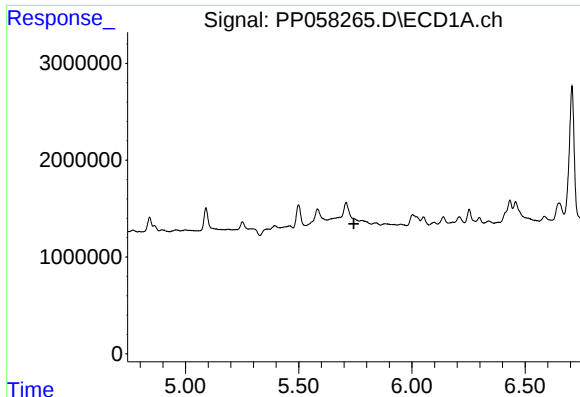
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.645 min
Response: 0
Conc: N.D.



#18 AR-1242-3

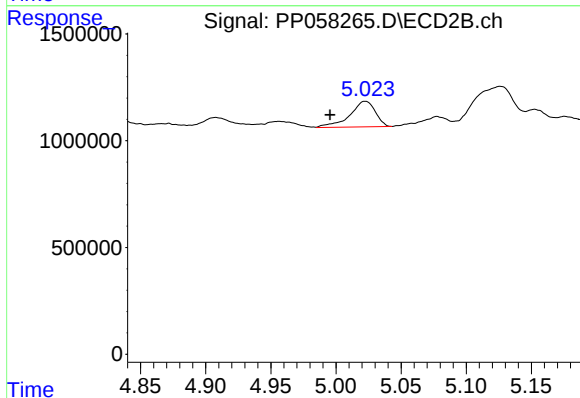
R.T.: 4.908 min
Delta R.T.: -0.003 min
Response: 993782
Conc: 22.49 ng/ml



#19 AR-1242-4

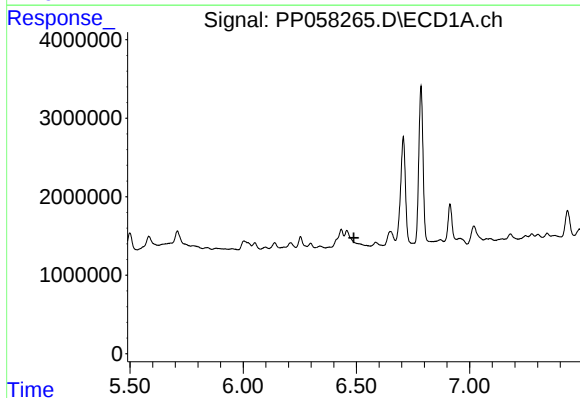
R.T.: 0.000 min
Exp R.T.: 5.744 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



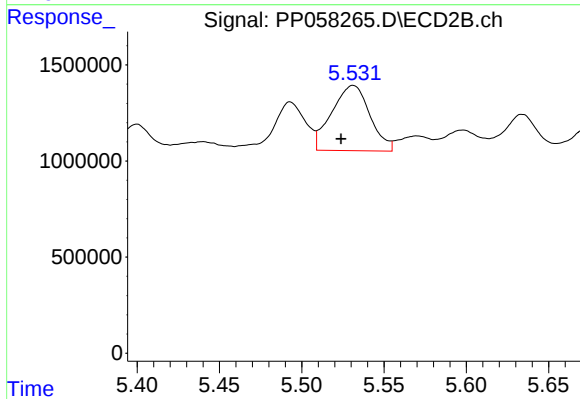
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.027 min
Response: 1631859
Conc: 36.73 ng/ml



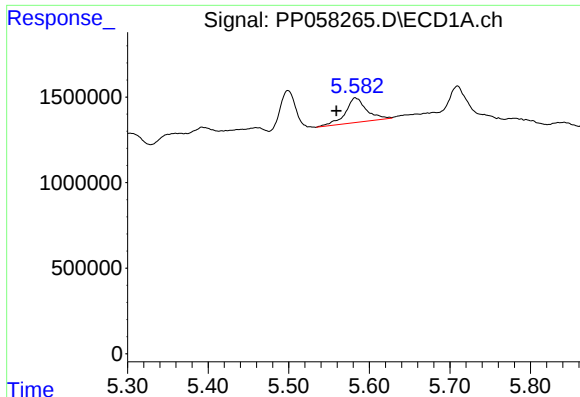
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.489 min
Response: 0
Conc: N.D.



#20 AR-1242-5

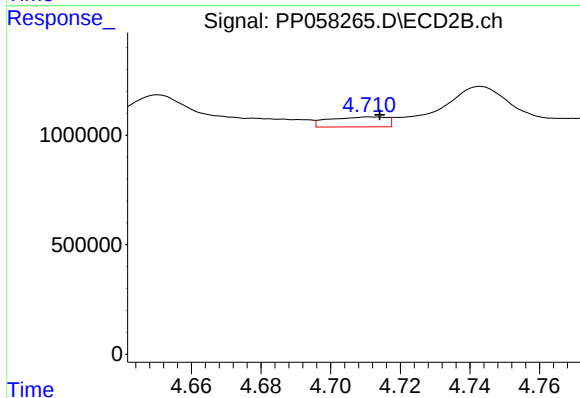
R.T.: 5.531 min
Delta R.T.: 0.007 min
Response: 5490252
Conc: 99.34 ng/ml



#21 AR-1248-1

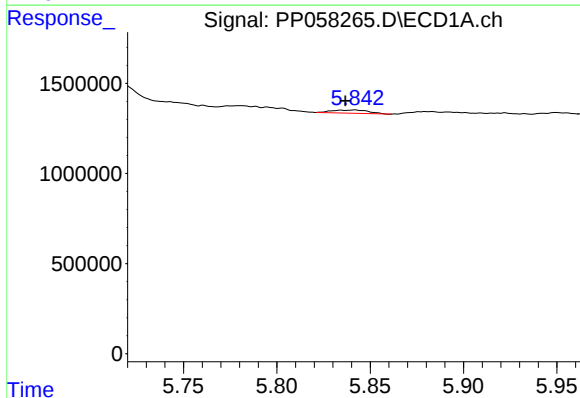
R.T.: 5.583 min
Delta R.T.: 0.023 min
Response: 2655071
Conc: 66.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



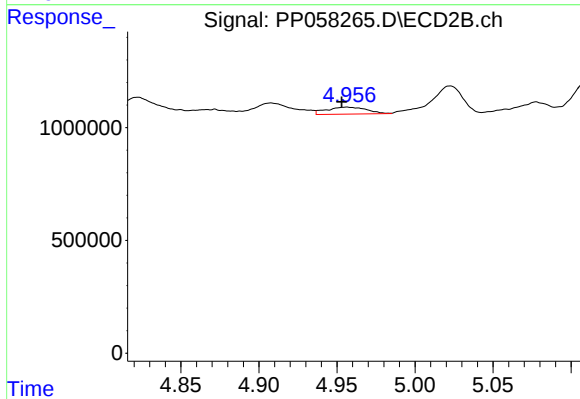
#21 AR-1248-1

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 524083
Conc: 11.89 ng/ml



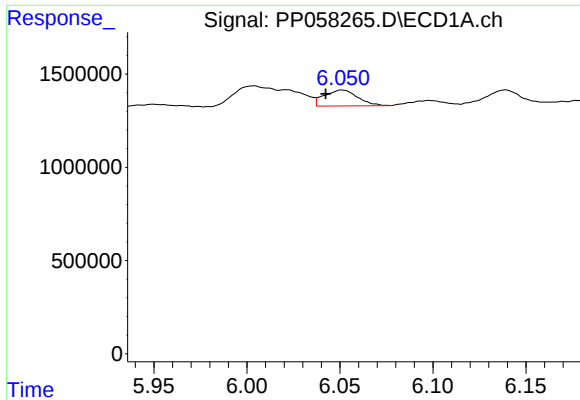
#22 AR-1248-2

R.T.: 5.841 min
Delta R.T.: 0.004 min
Response: 242058
Conc: 3.78 ng/ml



#22 AR-1248-2

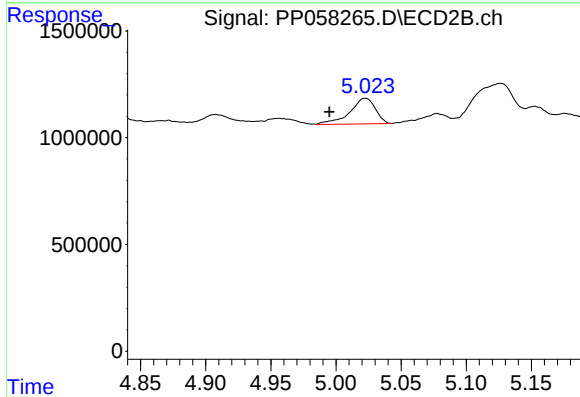
R.T.: 4.956 min
Delta R.T.: 0.003 min
Response: 563732
Conc: 9.09 ng/ml



#23 AR-1248-3

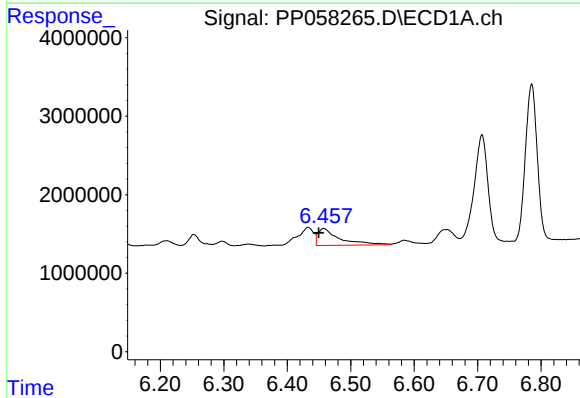
R.T.: 6.051 min
Delta R.T.: 0.009 min
Response: 1075481
Conc: 15.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



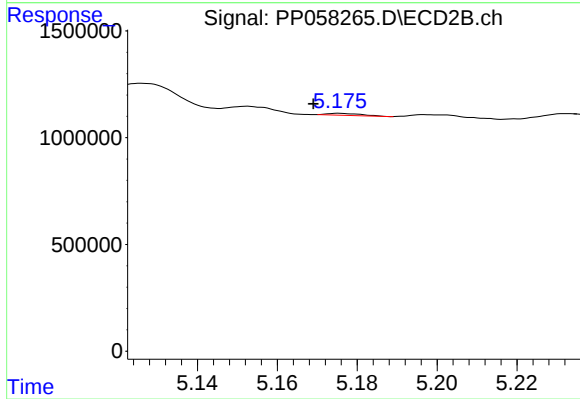
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.028 min
Response: 1631859
Conc: 24.88 ng/ml



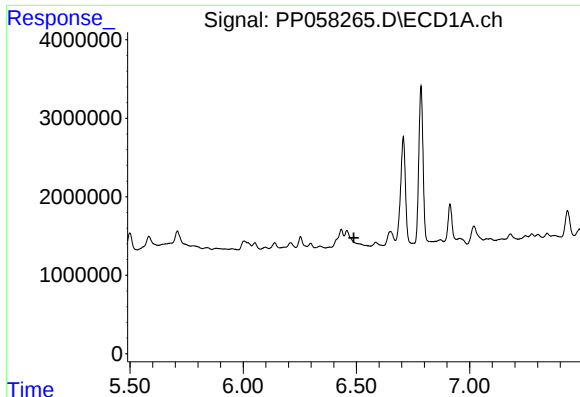
#24 AR-1248-4

R.T.: 6.458 min
Delta R.T.: 0.008 min
Response: 5145800
Conc: 81.56 ng/ml



#24 AR-1248-4

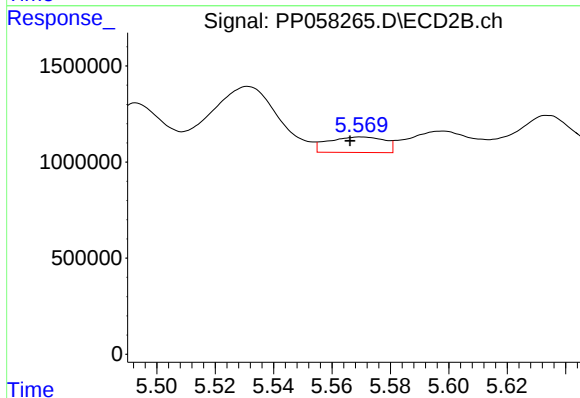
R.T.: 5.176 min
Delta R.T.: 0.007 min
Response: 53276
Conc: 0.69 ng/ml



#25 AR-1248-5

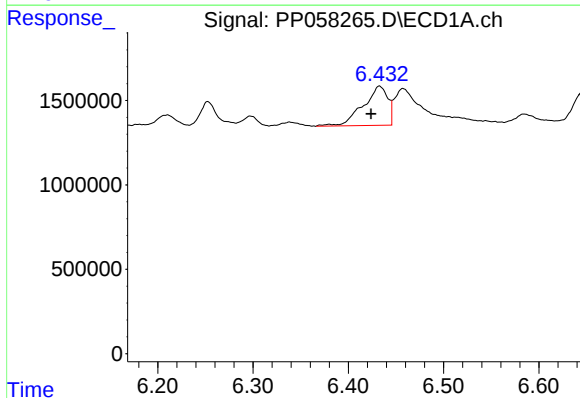
R.T.: 0.000 min
Exp R.T.: 6.489 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



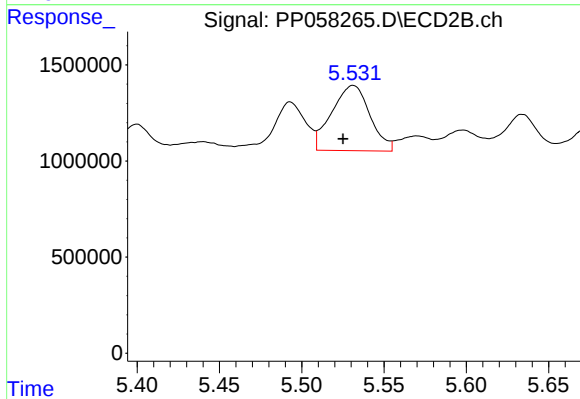
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: 0.004 min
Response: 1080341
Conc: 14.63 ng/ml



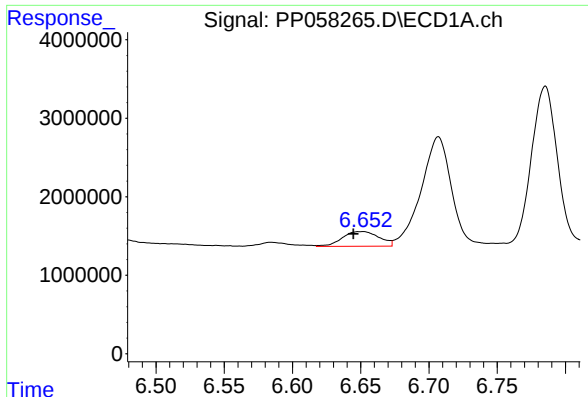
#26 AR-1254-1

R.T.: 6.433 min
Delta R.T.: 0.009 min
Response: 4168149
Conc: 57.04 ng/ml



#26 AR-1254-1

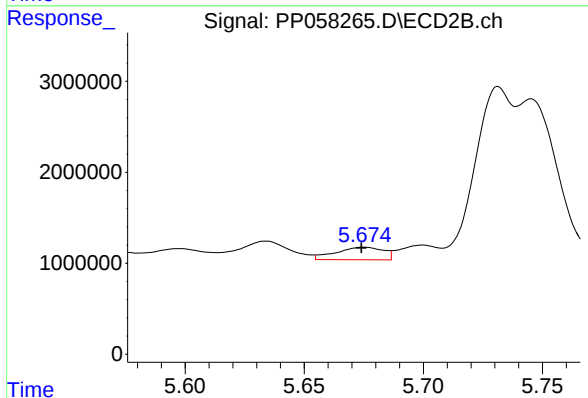
R.T.: 5.531 min
Delta R.T.: 0.006 min
Response: 5490252
Conc: 50.64 ng/ml



#27 AR-1254-2

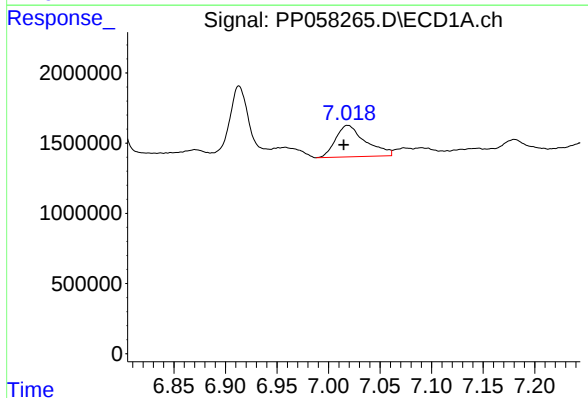
R.T.: 6.650 min
Delta R.T.: 0.005 min
Response: 3510391
Conc: 34.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



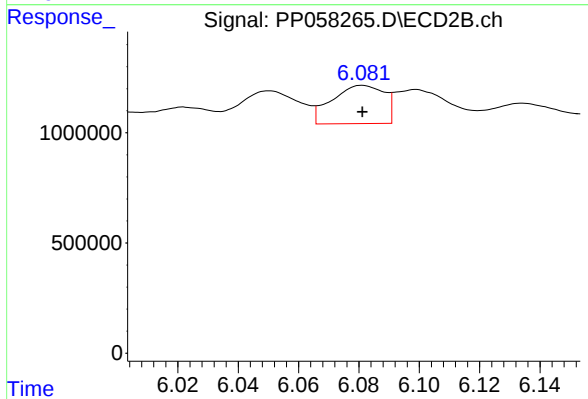
#27 AR-1254-2

R.T.: 5.675 min
Delta R.T.: 0.001 min
Response: 1900955
Conc: 19.58 ng/ml



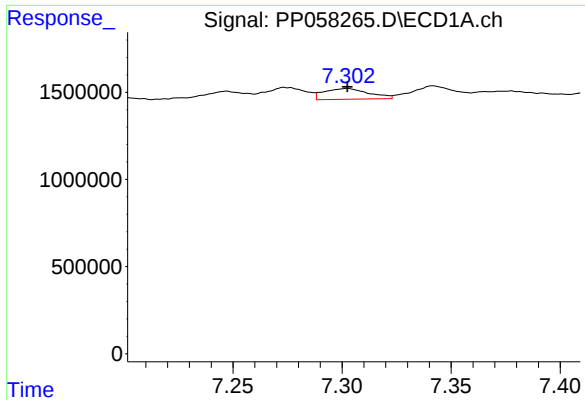
#28 AR-1254-3

R.T.: 7.019 min
Delta R.T.: 0.004 min
Response: 4523223
Conc: 45.88 ng/ml



#28 AR-1254-3

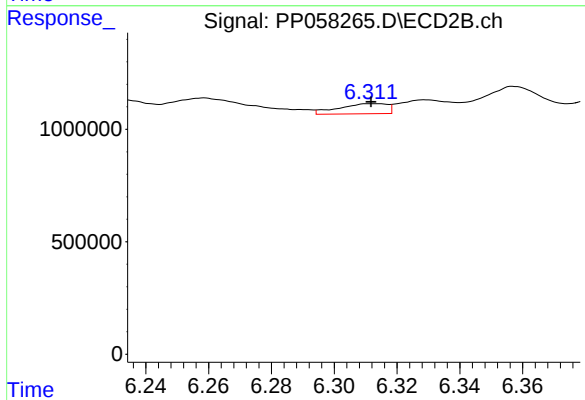
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 2079802
Conc: 13.43 ng/ml



#29 AR-1254-4

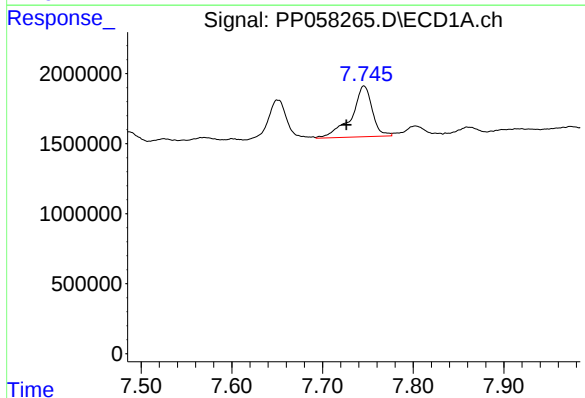
R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 882285
Conc: 13.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



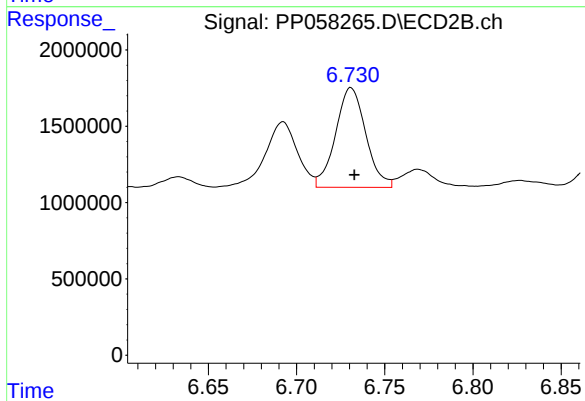
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 484485
Conc: 5.16 ng/ml



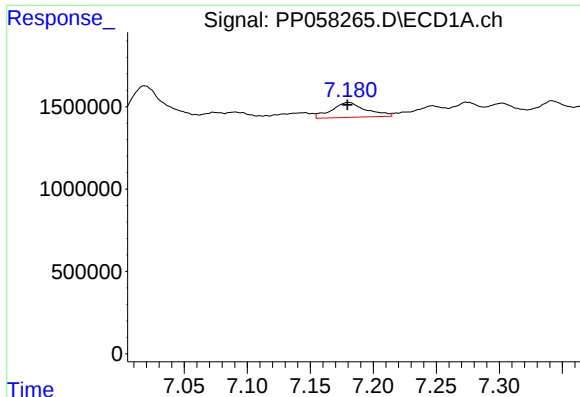
#30 AR-1254-5

R.T.: 7.746 min
Delta R.T.: 0.019 min
Response: 5800160
Conc: 79.26 ng/ml



#30 AR-1254-5

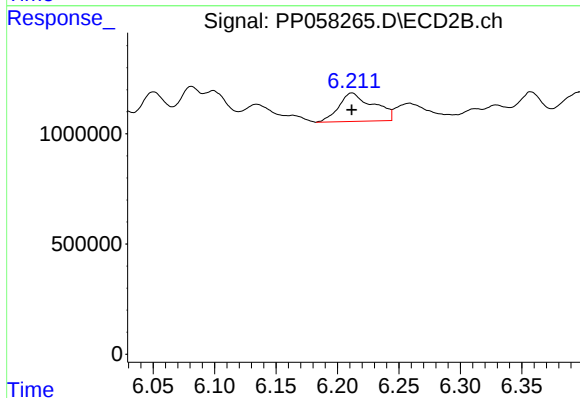
R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 7797044
Conc: 53.64 ng/ml



#31 AR-1260-1

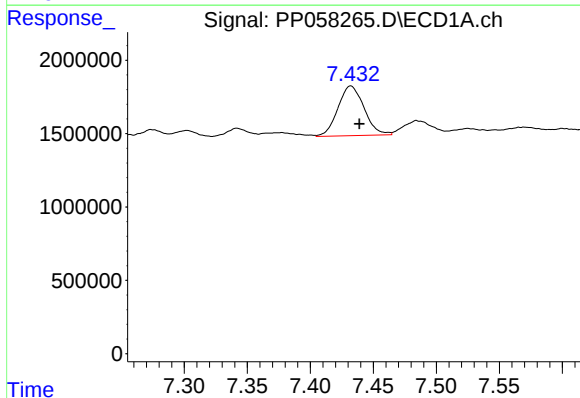
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 1735200
Conc: 20.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



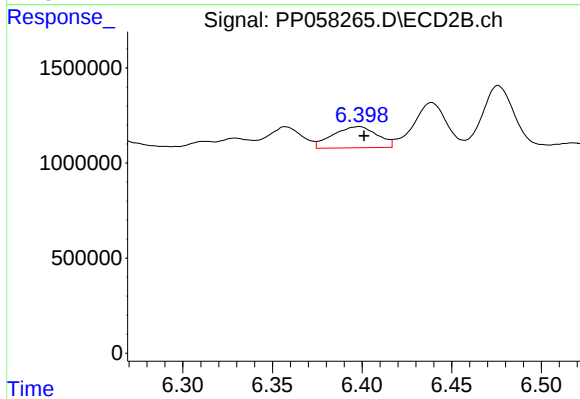
#31 AR-1260-1

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 2524498
Conc: 23.19 ng/ml



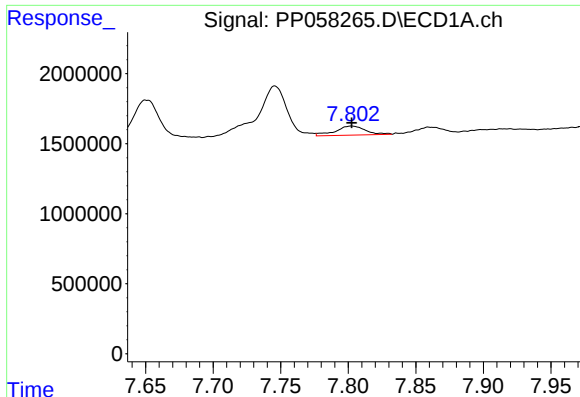
#32 AR-1260-2

R.T.: 7.432 min
Delta R.T.: -0.007 min
Response: 4897166
Conc: 58.71 ng/ml



#32 AR-1260-2

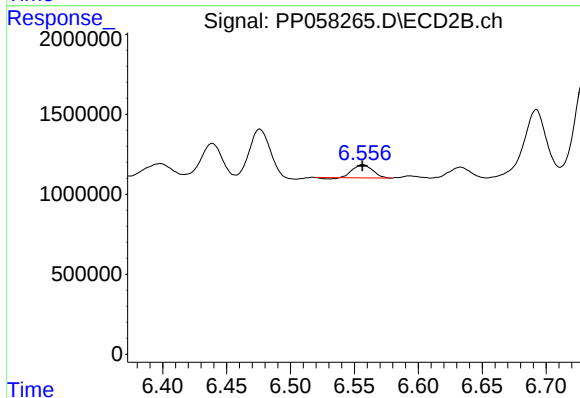
R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 1918439
Conc: 14.89 ng/ml



#33 AR-1260-3

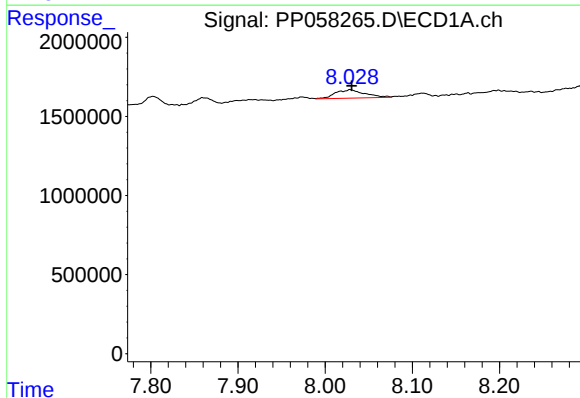
R.T.: 7.802 min
Delta R.T.: 0.000 min
Response: 1019069
Conc: 17.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



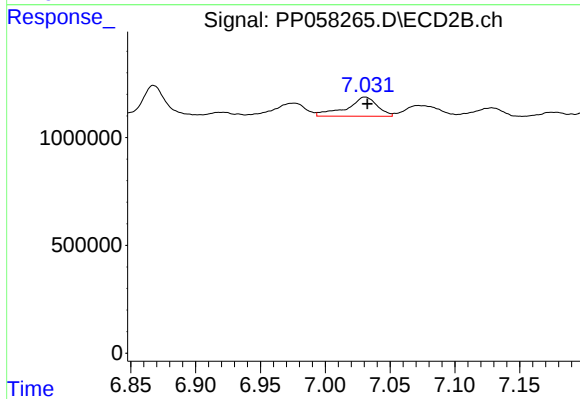
#33 AR-1260-3

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 848880
Conc: 6.88 ng/ml



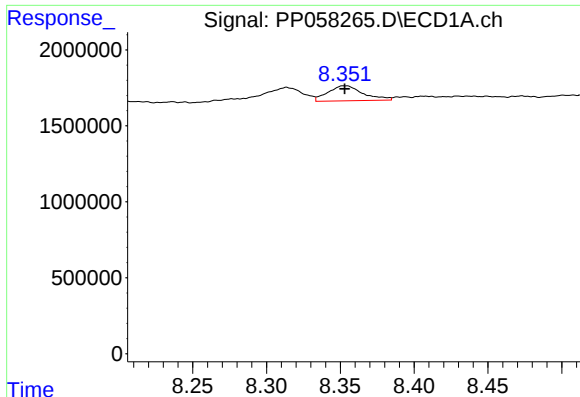
#34 AR-1260-4

R.T.: 8.029 min
Delta R.T.: -0.001 min
Response: 1237354
Conc: 18.31 ng/ml



#34 AR-1260-4

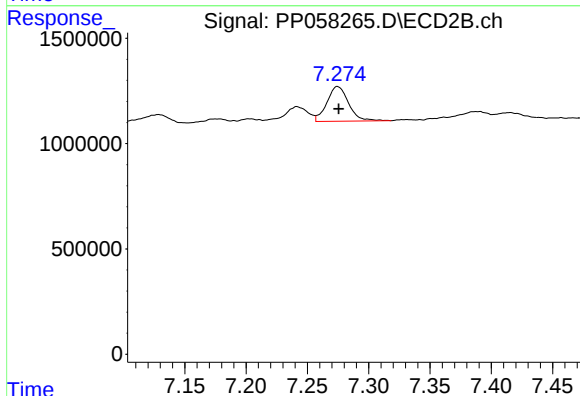
R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 1470917
Conc: 16.25 ng/ml



#35 AR-1260-5

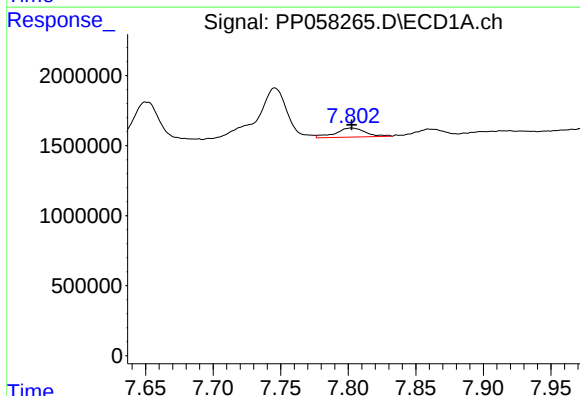
R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 1620838
Conc: 15.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



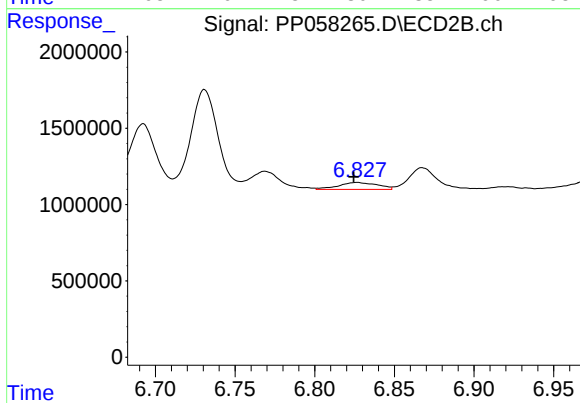
#35 AR-1260-5

R.T.: 7.275 min
Delta R.T.: -0.001 min
Response: 2038496
Conc: 10.05 ng/ml



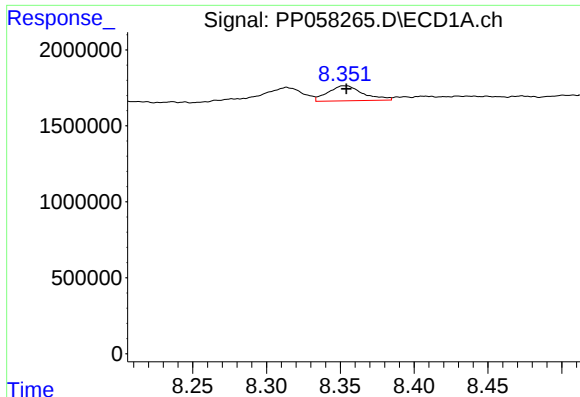
#36 AR-1262-1

R.T.: 7.802 min
Delta R.T.: 0.000 min
Response: 1019069
Conc: 11.08 ng/ml



#36 AR-1262-1

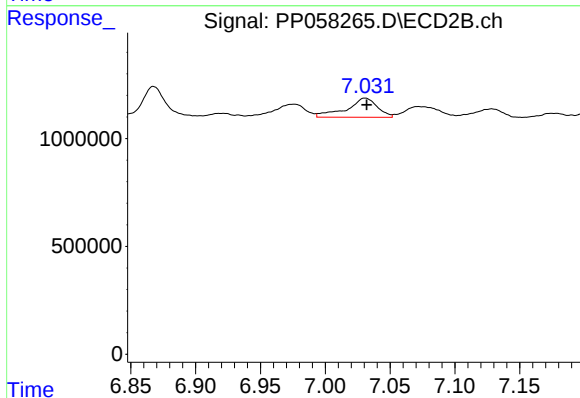
R.T.: 6.827 min
Delta R.T.: 0.002 min
Response: 775177
Conc: 12.39 ng/ml



#37 AR-1262-2

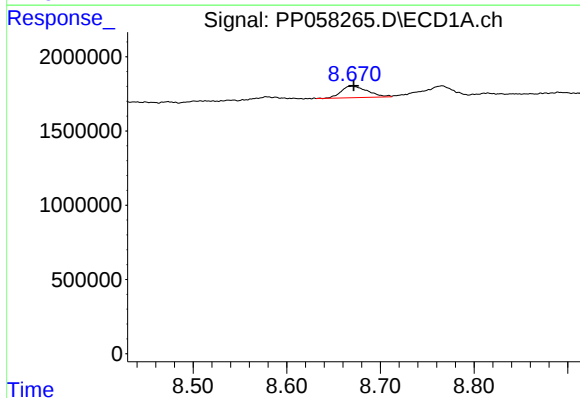
R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 1620838
Conc: 12.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



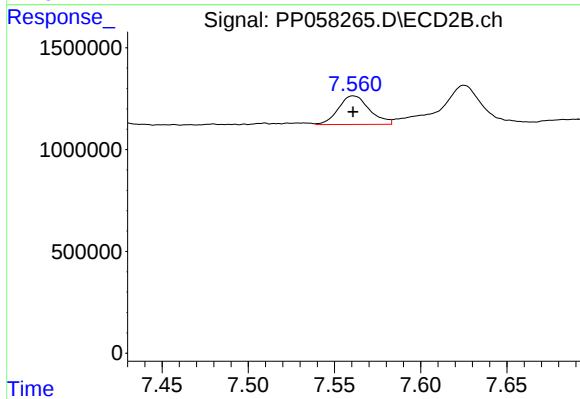
#37 AR-1262-2

R.T.: 7.031 min
Delta R.T.: -0.001 min
Response: 1470917
Conc: 11.70 ng/ml



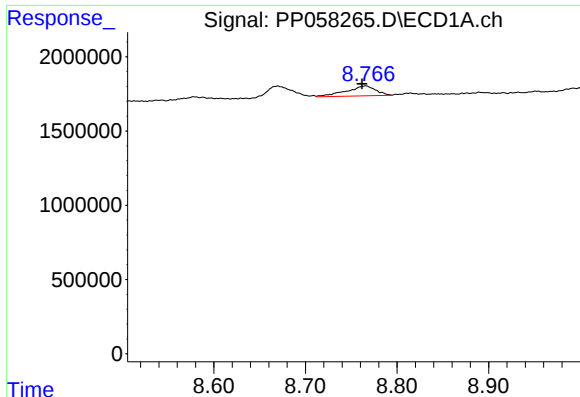
#38 AR-1262-3

R.T.: 8.670 min
Delta R.T.: -0.002 min
Response: 1526175
Conc: 16.17 ng/ml



#38 AR-1262-3

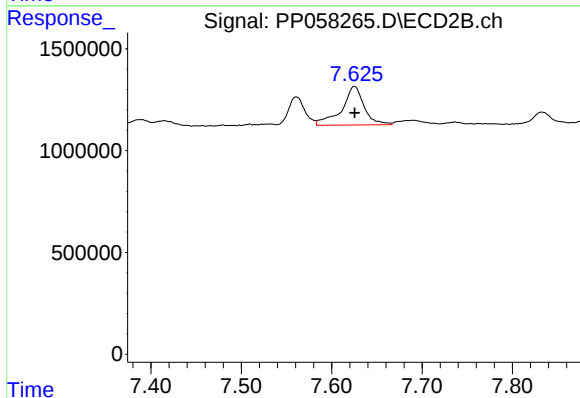
R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 1762121
Conc: 17.75 ng/ml



#39 AR-1262-4

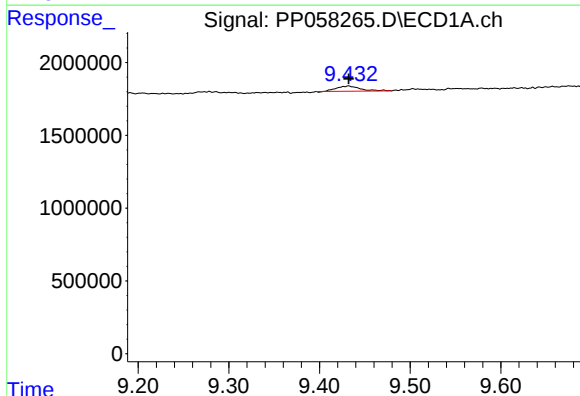
R.T.: 8.765 min
Delta R.T.: 0.003 min
Response: 1500276
Conc: 20.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



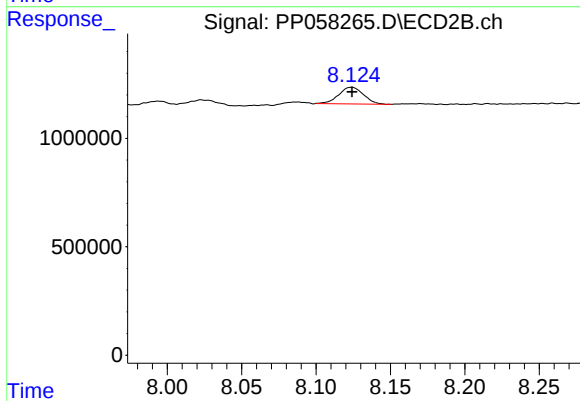
#39 AR-1262-4

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 3265327
Conc: 18.06 ng/ml



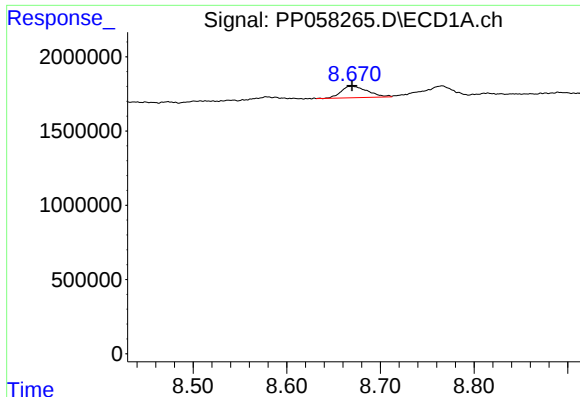
#40 AR-1262-5

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 654420
Conc: 14.75 ng/ml



#40 AR-1262-5

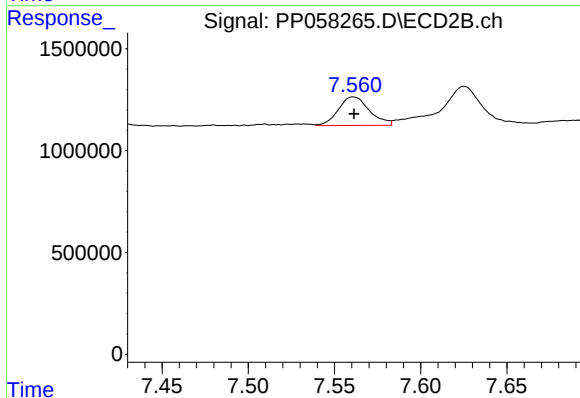
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 885888
Conc: 10.97 ng/ml



#41 AR-1268-1

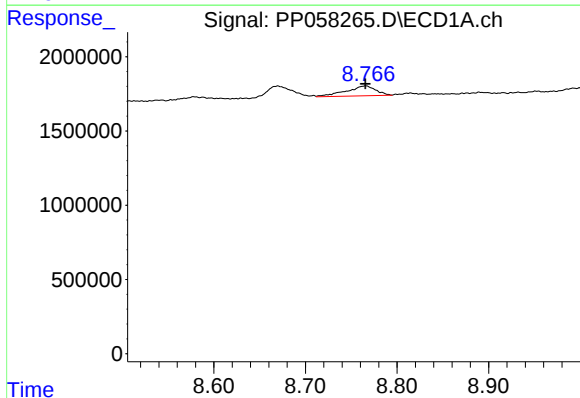
R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 1526175
Conc: 9.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



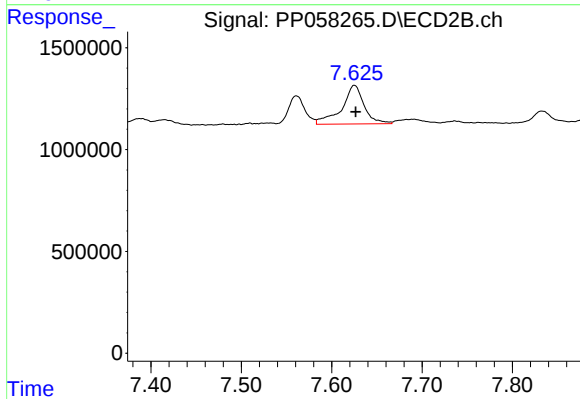
#41 AR-1268-1

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 1762121
Conc: 6.38 ng/ml



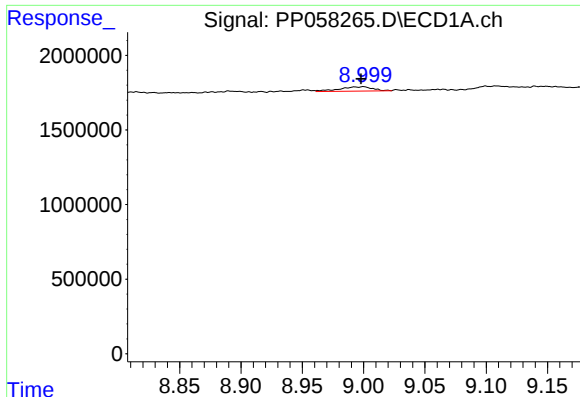
#42 AR-1268-2

R.T.: 8.765 min
Delta R.T.: 0.000 min
Response: 1500276
Conc: 10.80 ng/ml



#42 AR-1268-2

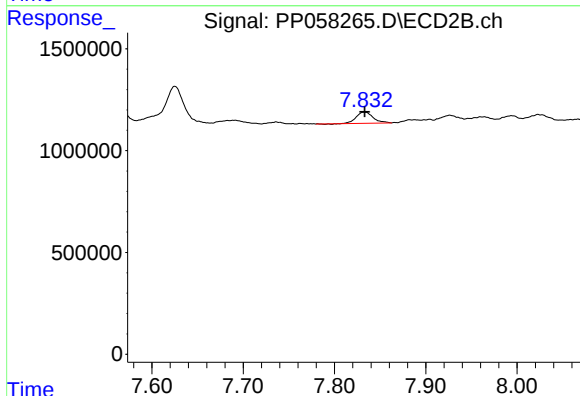
R.T.: 7.625 min
Delta R.T.: -0.001 min
Response: 3265327
Conc: 12.84 ng/ml



#43 AR-1268-3

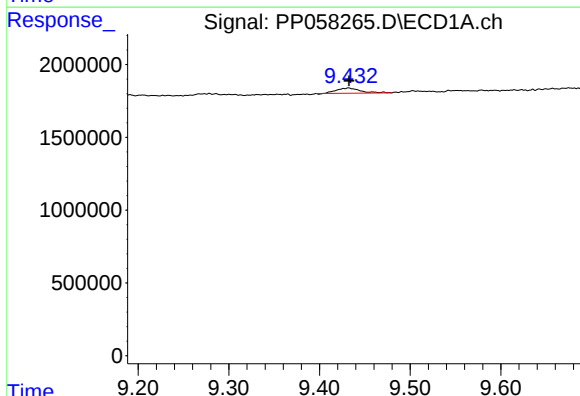
R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 557376
Conc: 4.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



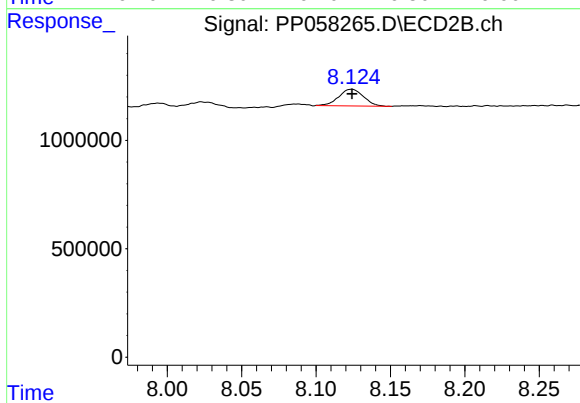
#43 AR-1268-3

R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 689701
Conc: 3.23 ng/ml



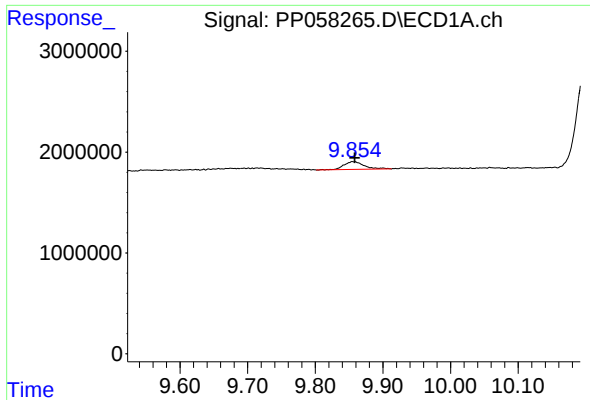
#44 AR-1268-4

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 654420
Conc: 13.85 ng/ml



#44 AR-1268-4

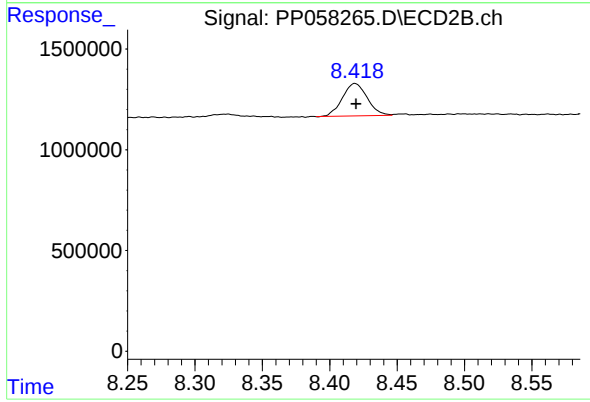
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 885888
Conc: 10.13 ng/ml



#45 AR-1268-5

R.T.: 9.856 min
Delta R.T.: -0.002 min
Response: 1608307
Conc: 4.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 2062472
Conc: 3.59 ng/ml