

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061224\
 Data File : PP065621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2024 17:29
 Operator : YP\AJ
 Sample : P2848-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PE-1(0-0.5)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 01:33:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 06 05:25:59 2024
 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...	4.824	4.068	28869271	41615284	15.219	14.904
2)	SA Decachlor...	10.837	9.253	26323513	18649800	13.383	12.659
Target Compounds							
3)	L1 AR-1016-1	6.030f	0.000	3353030	0	51.574	N.D. #
4)	L1 AR-1016-2	6.030	0.000	3353030	0	35.010	N.D. #
5)	L1 AR-1016-3	6.104	0.000	1427055	0	23.324	N.D. #
6)	L1 AR-1016-4	6.166f	5.419	2312323	916008	47.019	17.751 #
7)	L1 AR-1016-5	6.461f	0.000	2578967	0	51.450	N.D. #
9)	L2 AR-1221-2	5.136f	0.000	990584	0	51.293	N.D. #
10)	L2 AR-1221-3	5.210	4.449	2058036	1484407	36.624	19.141 #
11)	L3 AR-1232-1	5.210	4.449	2058036	1484407	45.486	23.483 #
12)	L3 AR-1232-2	5.726	0.000	1381401	0	53.040	N.D. #
13)	L3 AR-1232-3	6.030	0.000	3353030	0	74.121	N.D. #
14)	L3 AR-1232-4	6.166f	0.000	2312323	0	98.994	N.D. #
15)	L3 AR-1232-5	6.277	0.000	2344904	0	119.442	N.D. #
16)	L4 AR-1242-1	6.030f	0.000	3353030	0	61.318	N.D. #
17)	L4 AR-1242-2	6.030	0.000	3353030	0	42.282	N.D. #
18)	L4 AR-1242-3	6.104	0.000	1427055	0	28.232	N.D. #
19)	L4 AR-1242-4	6.166f	0.000	2312323	0	56.349	N.D. #
20)	L4 AR-1242-5	6.908f	5.978f	1797248	1009216	41.201	16.985 #
21)	L5 AR-1248-1	6.030f	0.000	3353030	0	82.446	N.D. #
22)	L5 AR-1248-2	6.277	5.419	2344904	916008	37.625	12.445 #
23)	L5 AR-1248-3	6.461f	0.000	2578967	0	38.298	N.D. #
24)	L5 AR-1248-4	6.908f	0.000	1797248	0	25.244	N.D. #
25)	L5 AR-1248-5	6.908f	0.000	1797248	0	25.926	N.D. #
26)	L6 AR-1254-1	6.861	5.978f	4526182	1009216	57.778	8.191 #
27)	L6 AR-1254-2	7.084	6.123f	2697615	653360	22.836	6.205 #
28)	L6 AR-1254-3	7.462	6.558	2215644	1456372	18.156	9.203 #
29)	L6 AR-1254-4	7.733	0.000	806142	0	9.065	N.D. #
30)	L6 AR-1254-5	8.156	7.205	2649017	2747651	27.042	21.468
31)	L7 AR-1260-1	7.620	6.715f	599193	2081736	6.186	19.617 #
32)	L7 AR-1260-2	7.874	6.874	6225863	741159	55.529	6.010 #
33)	L7 AR-1260-3	8.231	0.000	760967	0	8.716	N.D. #
34)	L7 AR-1260-4	8.469	0.000	1264296	0	12.616	N.D. #
35)	L7 AR-1260-5	8.826	0.000	764814	0	4.056	N.D. #
36)	L8 AR-1262-1	8.284	7.316	2818082	3033448	52.597	54.541
37)	L8 AR-1262-2	8.826	0.000	764814	0	3.605	N.D. #
38)	L8 AR-1262-3	9.165	0.000	662448	0	4.327	N.D. #
39)	L8 AR-1262-4	9.261	8.099	769355	629453	6.350	4.100 #
40)	L8 AR-1262-5	9.995	0.000	190983	0	2.352	N.D. #
41)	L9 AR-1268-1	9.165	0.000	662448	0	2.608	N.D. #
42)	L9 AR-1268-2	9.261	8.099	769355	629453	3.257	2.999

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061224\
Data File : PP065621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jun 2024 17:29
Operator : YP\AJ
Sample : P2848-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 01:33:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060524.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 06 05:25:59 2024
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
44)	L9 AR-1268-4	9.995	0.000	190983	0	2.292	N.D. #
45)	L9 AR-1268-5	10.455	0.000	471239	0	0.709	N.D. #

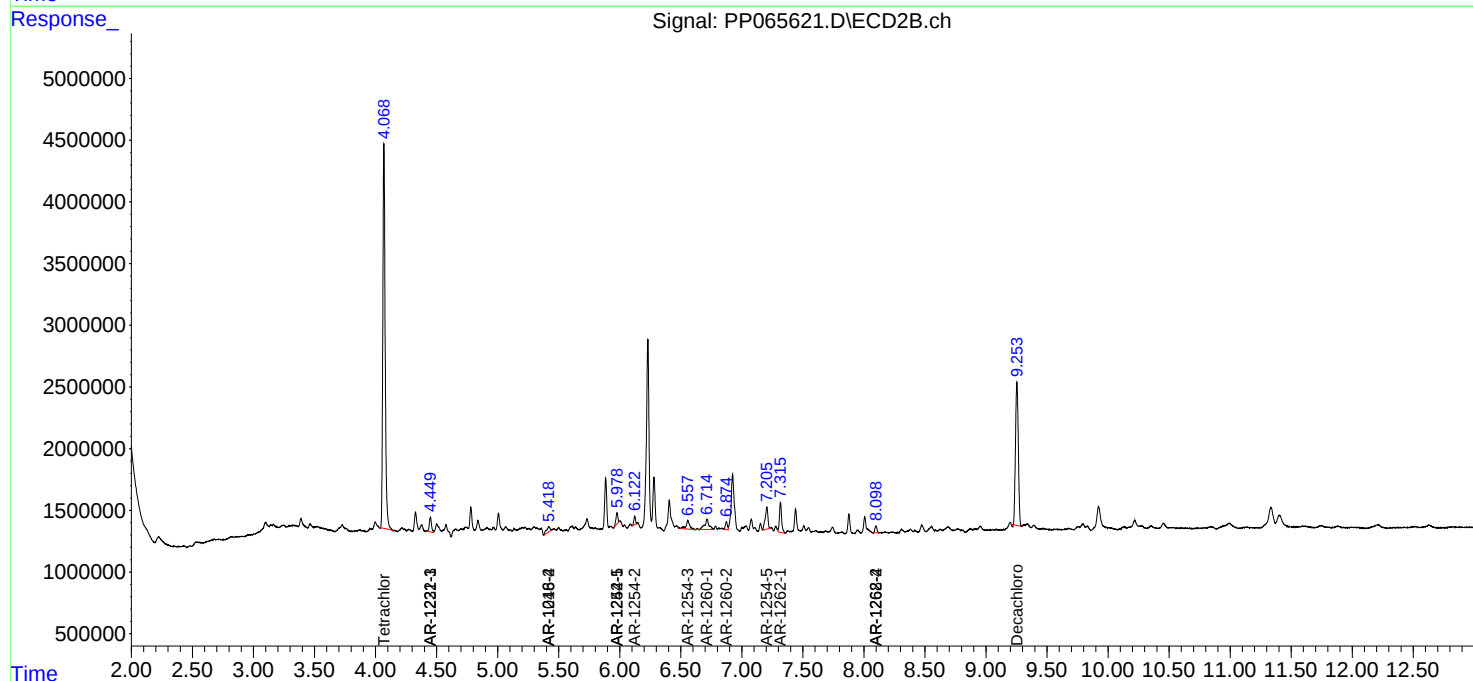
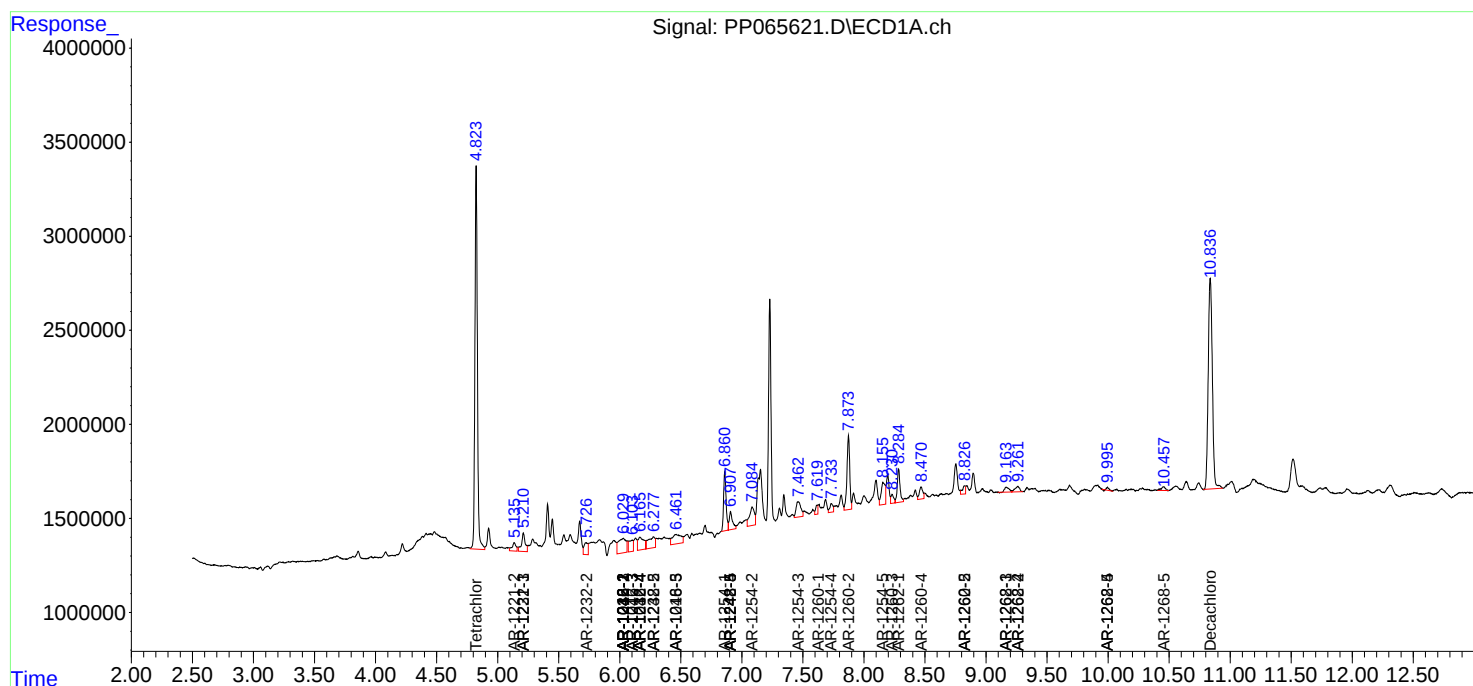
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

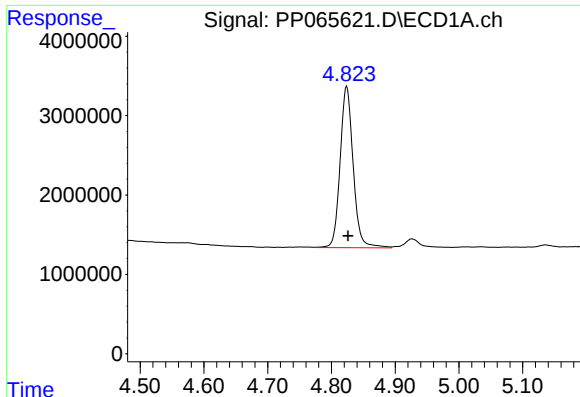
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061224\
Data File : PP065621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jun 2024 17:29
Operator : YP\AJ
Sample : P2848-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 01:33:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060524.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 06 05:25:59 2024
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

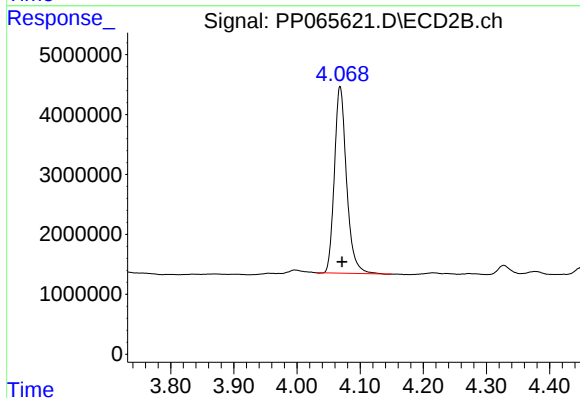




#1 Tetrachloro-m-xylene

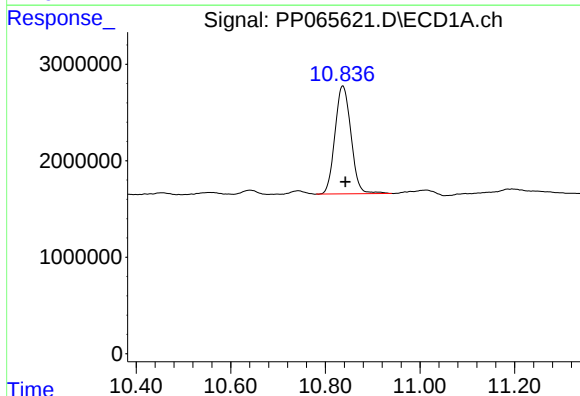
R.T.: 4.824 min
Delta R.T.: -0.002 min
Response: 28869271
Conc: 15.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



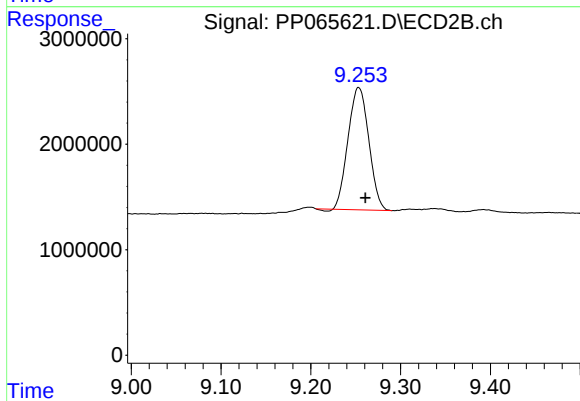
#1 Tetrachloro-m-xylene

R.T.: 4.068 min
Delta R.T.: -0.003 min
Response: 41615284
Conc: 14.90 ng/ml



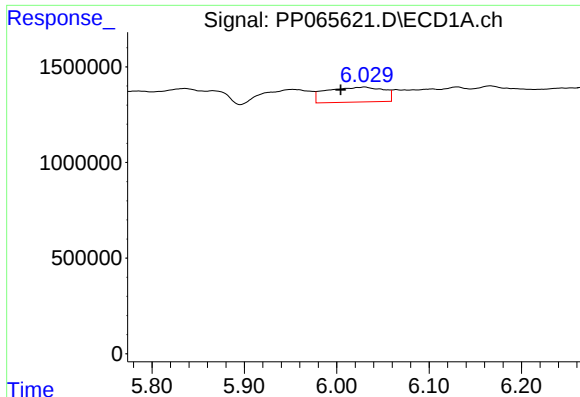
#2 Decachlorobiphenyl

R.T.: 10.837 min
Delta R.T.: -0.006 min
Response: 26323513
Conc: 13.38 ng/ml



#2 Decachlorobiphenyl

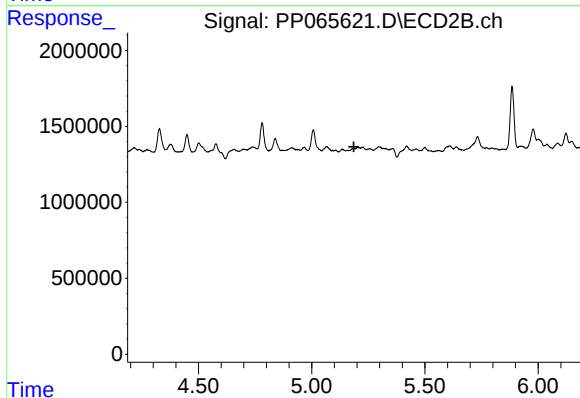
R.T.: 9.253 min
Delta R.T.: -0.007 min
Response: 18649800
Conc: 12.66 ng/ml



#3 AR-1016-1

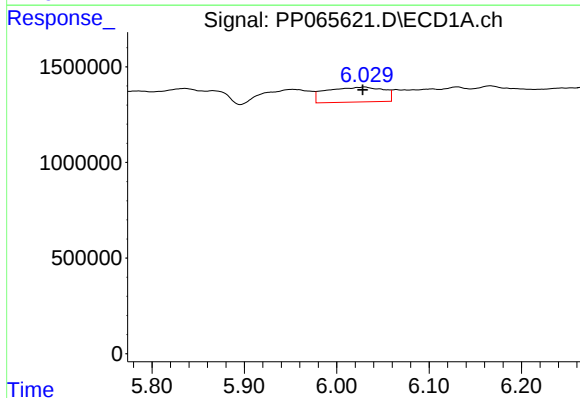
R.T.: 6.030 min
Delta R.T.: 0.026 min
Response: 3353030
Conc: 51.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



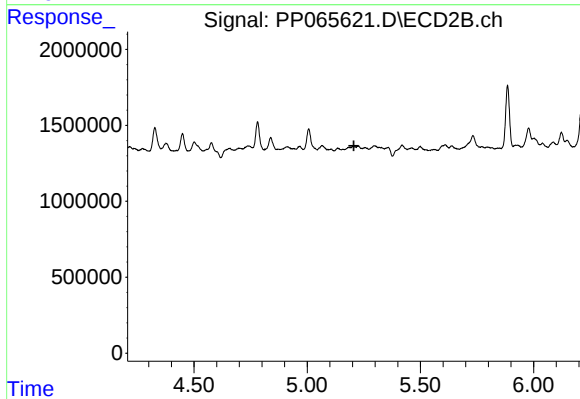
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.186 min
Response: 0
Conc: N.D.



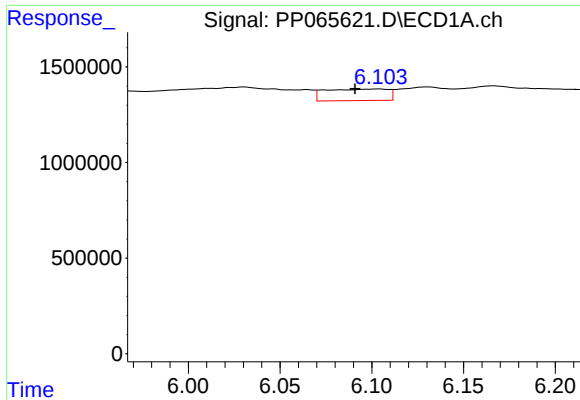
#4 AR-1016-2

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 3353030
Conc: 35.01 ng/ml



#4 AR-1016-2

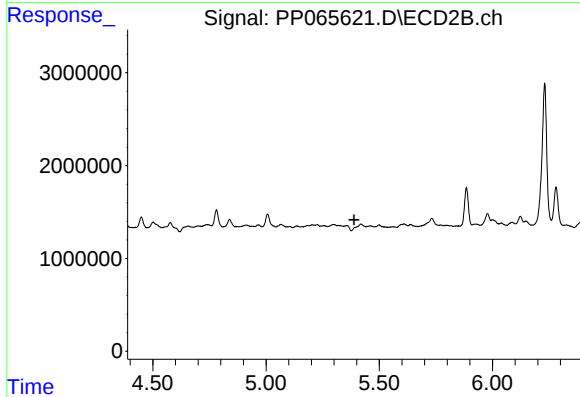
R.T.: 0.000 min
Exp R.T. : 5.207 min
Response: 0
Conc: N.D.



#5 AR-1016-3

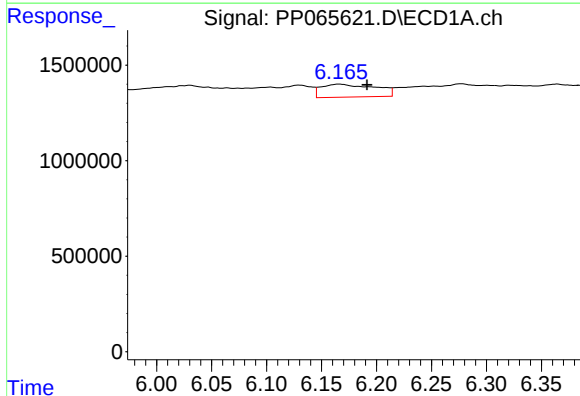
R.T.: 6.104 min
Delta R.T.: 0.013 min
Response: 1427055
Conc: 23.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



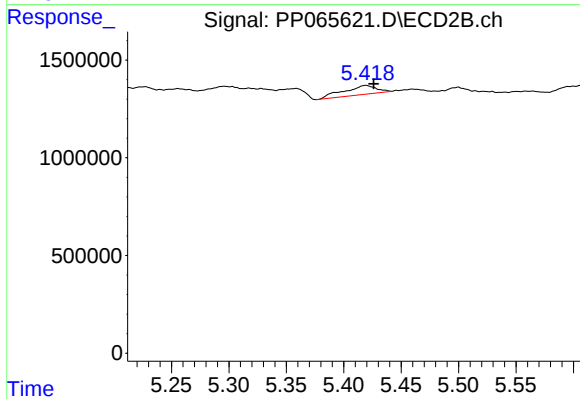
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.388 min
Response: 0
Conc: N.D.



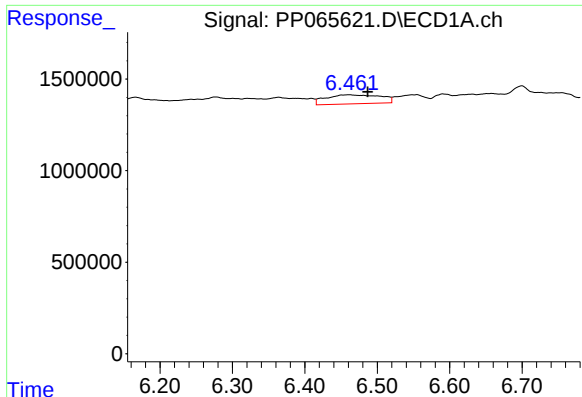
#6 AR-1016-4

R.T.: 6.166 min
Delta R.T.: -0.025 min
Response: 2312323
Conc: 47.02 ng/ml



#6 AR-1016-4

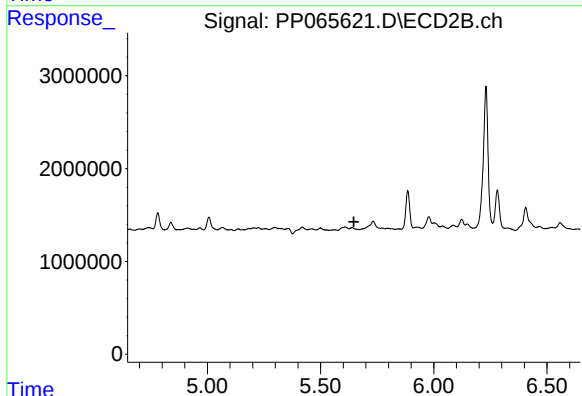
R.T.: 5.419 min
Delta R.T.: -0.007 min
Response: 916008
Conc: 17.75 ng/ml



#7 AR-1016-5

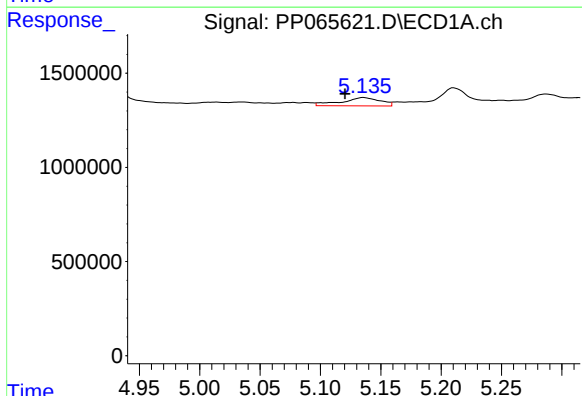
R.T.: 6.461 min
Delta R.T.: -0.025 min
Response: 2578967
Conc: 51.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



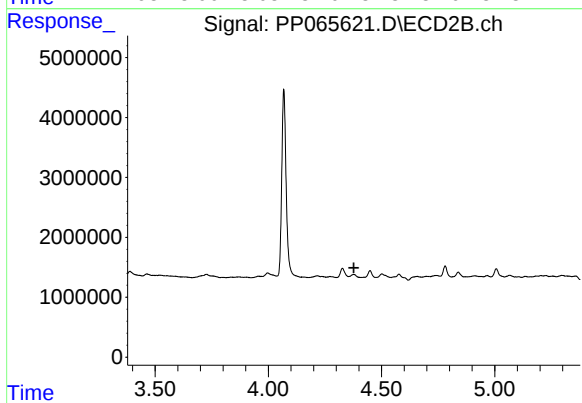
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.647 min
Response: 0
Conc: N.D.



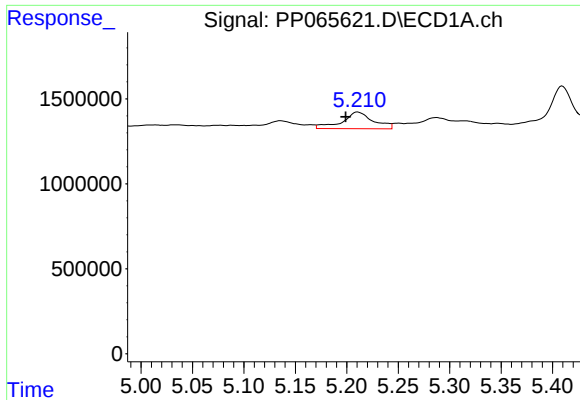
#9 AR-1221-2

R.T.: 5.136 min
Delta R.T.: 0.015 min
Response: 990584
Conc: 51.29 ng/ml



#9 AR-1221-2

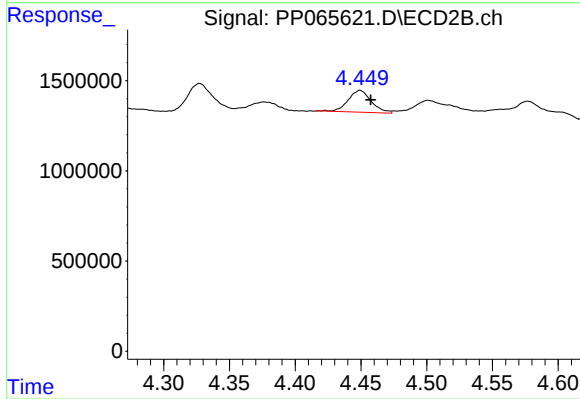
R.T.: 0.000 min
Exp R.T. : 4.378 min
Response: 0
Conc: N.D.



#10 AR-1221-3

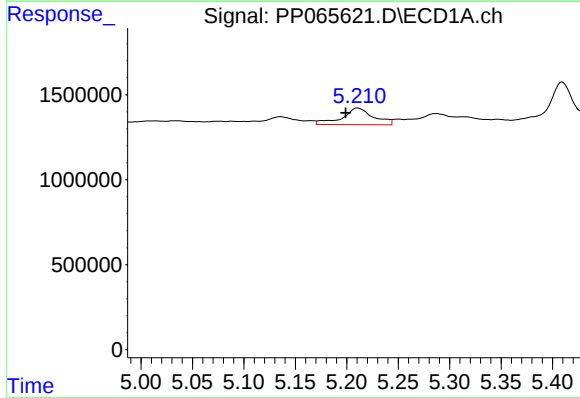
R.T.: 5.210 min
Delta R.T.: 0.012 min
Response: 2058036
Conc: 36.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



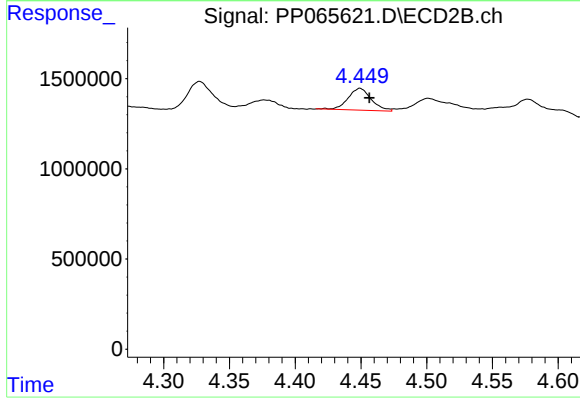
#10 AR-1221-3

R.T.: 4.449 min
Delta R.T.: -0.008 min
Response: 1484407
Conc: 19.14 ng/ml



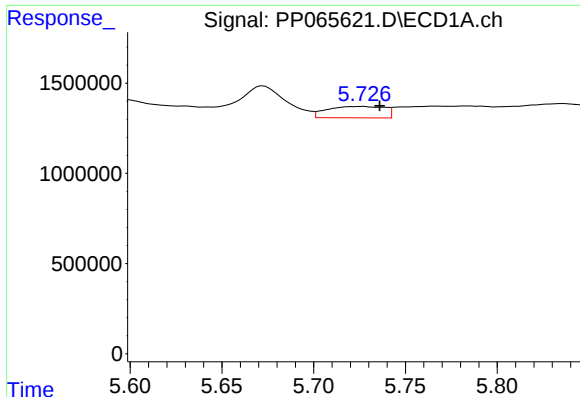
#11 AR-1232-1

R.T.: 5.210 min
Delta R.T.: 0.012 min
Response: 2058036
Conc: 45.49 ng/ml



#11 AR-1232-1

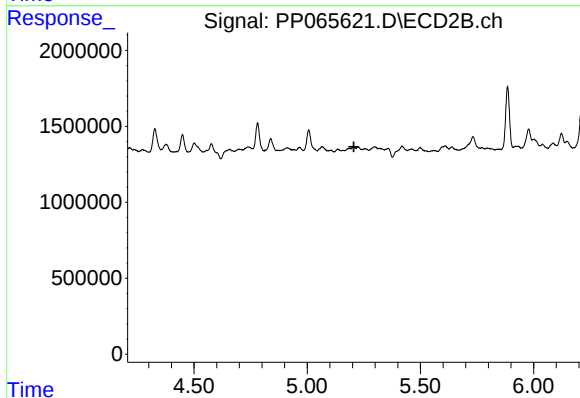
R.T.: 4.449 min
Delta R.T.: -0.007 min
Response: 1484407
Conc: 23.48 ng/ml



#12 AR-1232-2

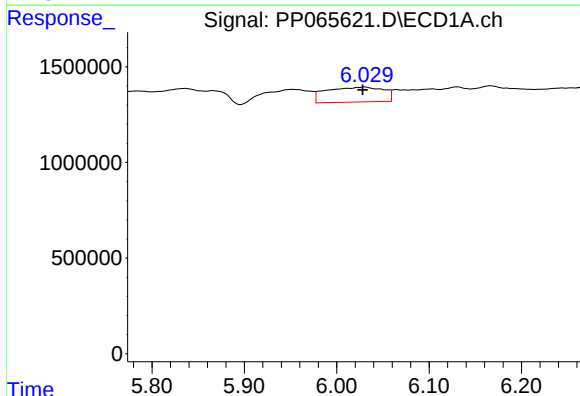
R.T.: 5.726 min
Delta R.T.: -0.010 min
Response: 1381401
Conc: 53.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



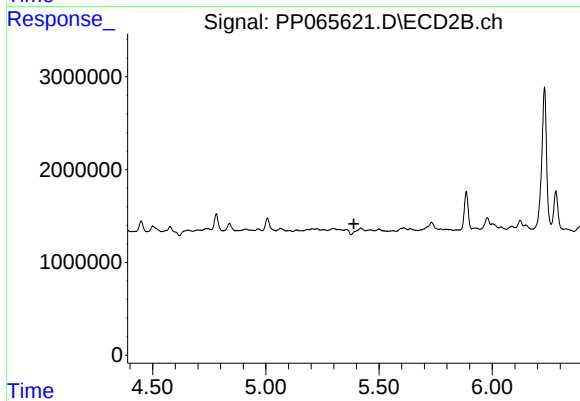
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



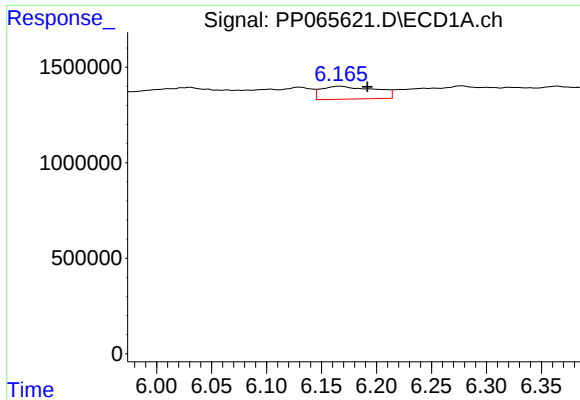
#13 AR-1232-3

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 3353030
Conc: 74.12 ng/ml



#13 AR-1232-3

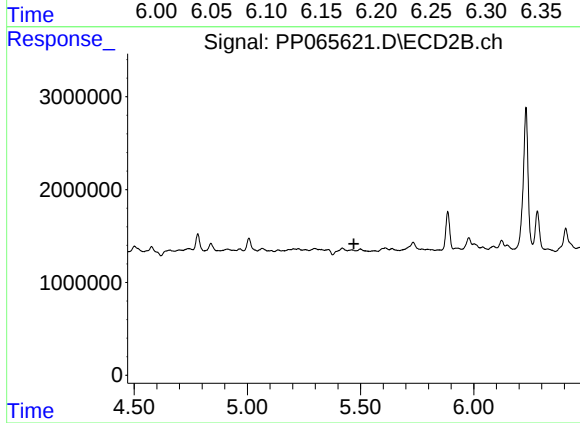
R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



#14 AR-1232-4

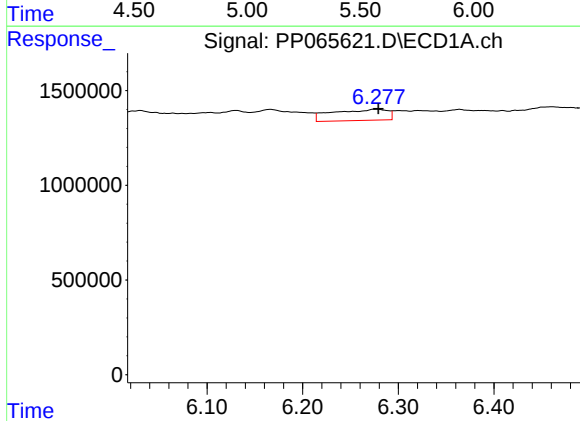
R.T.: 6.166 min
Delta R.T.: -0.026 min
Response: 2312323
Conc: 98.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



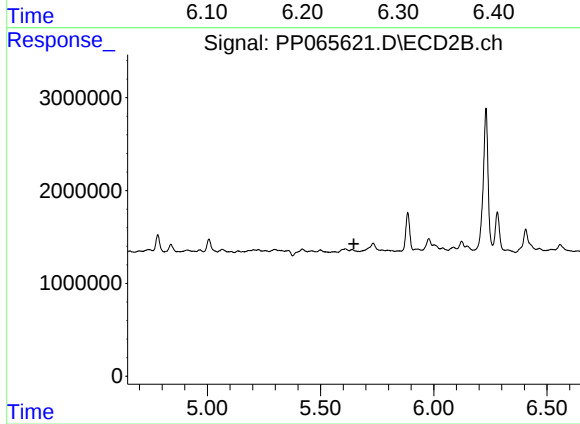
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



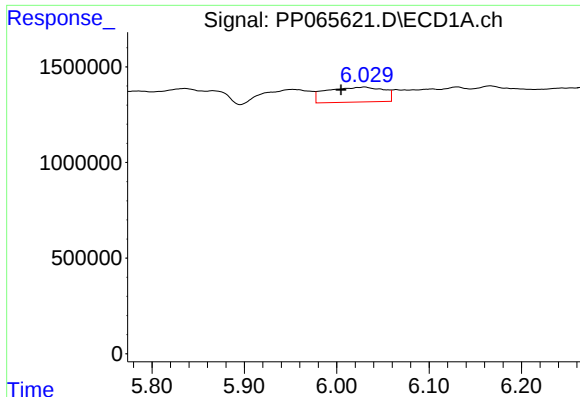
#15 AR-1232-5

R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 2344904
Conc: 119.44 ng/ml



#15 AR-1232-5

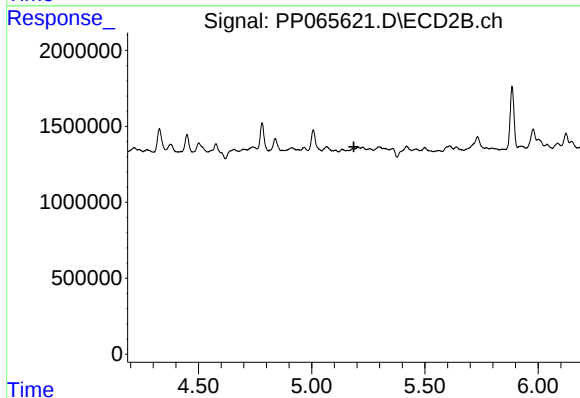
R.T.: 0.000 min
Exp R.T. : 5.647 min
Response: 0
Conc: N.D.



#16 AR-1242-1

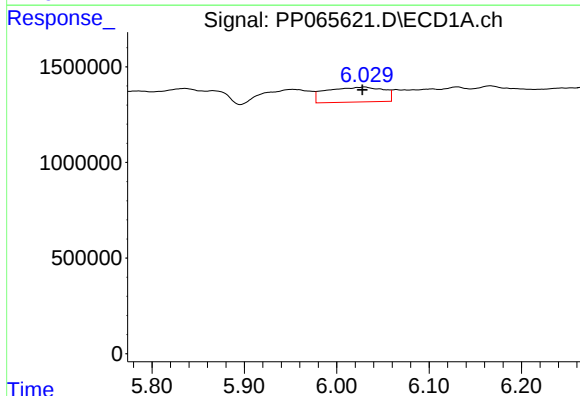
R.T.: 6.030 min
Delta R.T.: 0.026 min
Response: 3353030
Conc: 61.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



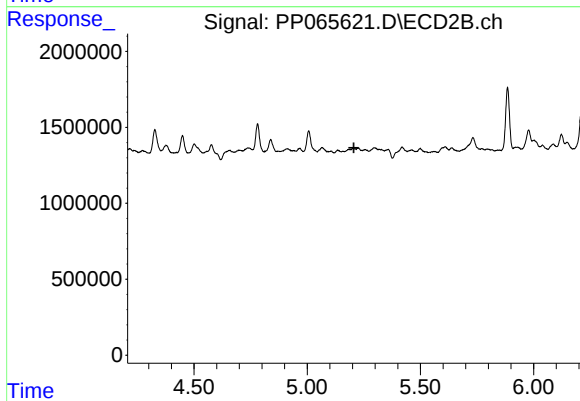
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.186 min
Response: 0
Conc: N.D.



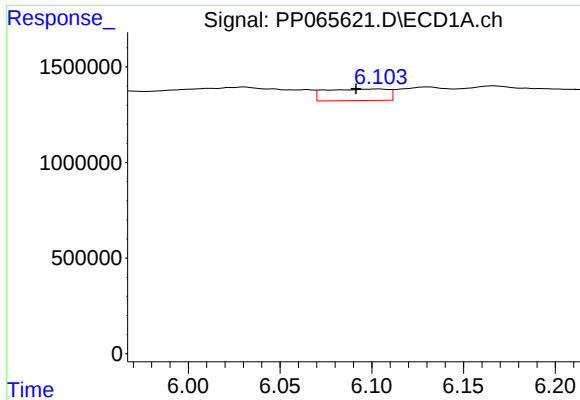
#17 AR-1242-2

R.T.: 6.030 min
Delta R.T.: 0.003 min
Response: 3353030
Conc: 42.28 ng/ml



#17 AR-1242-2

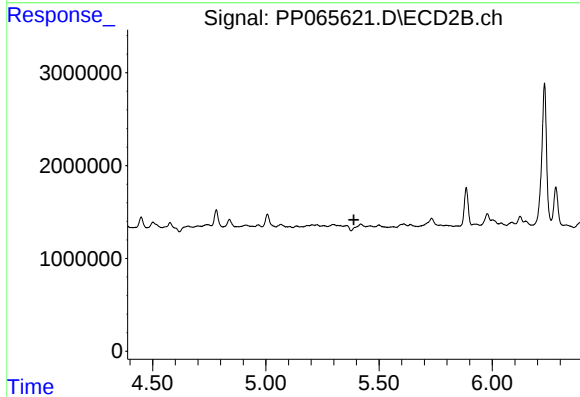
R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



#18 AR-1242-3

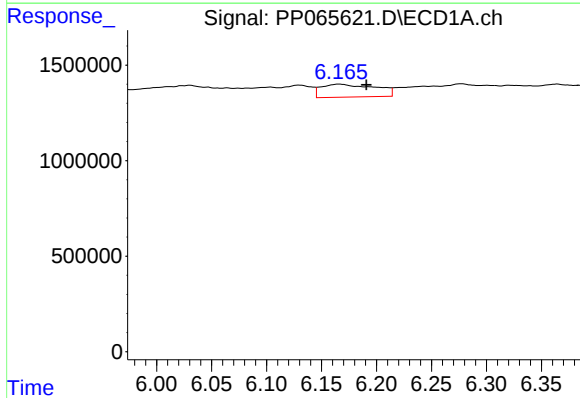
R.T.: 6.104 min
Delta R.T.: 0.012 min
Response: 1427055
Conc: 28.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



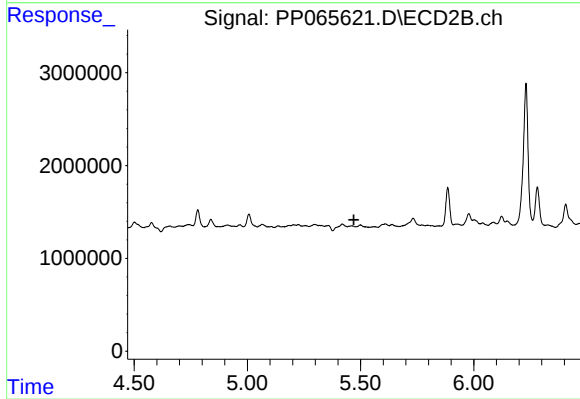
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



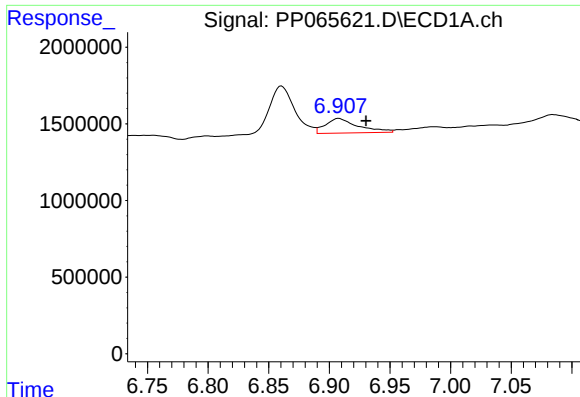
#19 AR-1242-4

R.T.: 6.166 min
Delta R.T.: -0.025 min
Response: 2312323
Conc: 56.35 ng/ml



#19 AR-1242-4

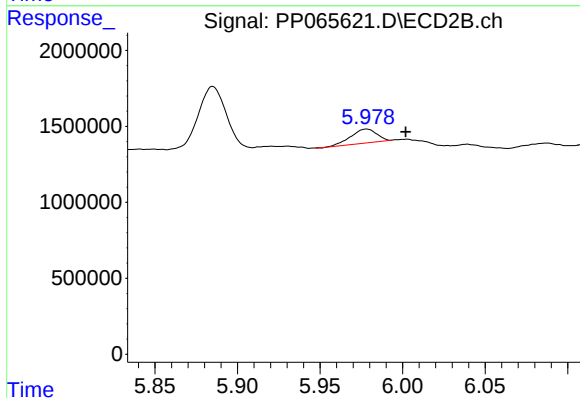
R.T.: 0.000 min
Exp R.T. : 5.470 min
Response: 0
Conc: N.D.



#20 AR-1242-5

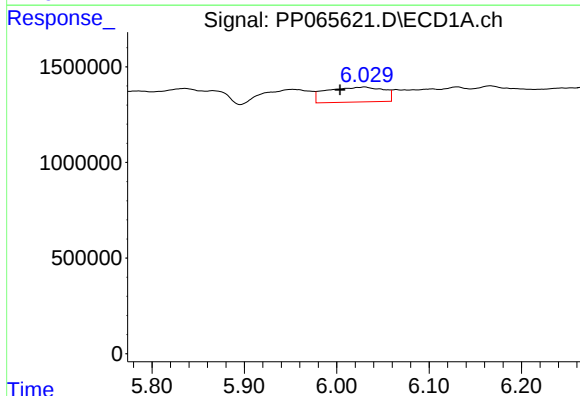
R.T.: 6.908 min
Delta R.T.: -0.023 min
Response: 1797248
Conc: 41.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



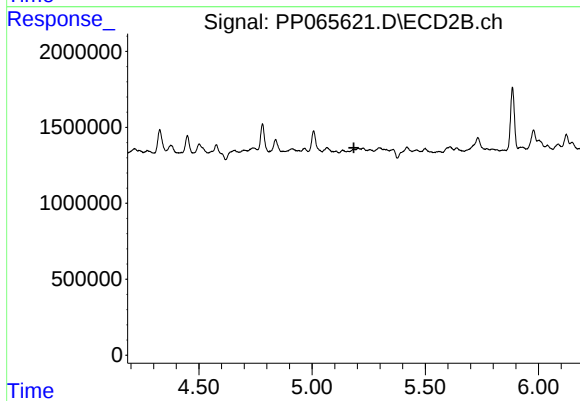
#20 AR-1242-5

R.T.: 5.978 min
Delta R.T.: -0.024 min
Response: 1009216
Conc: 16.98 ng/ml



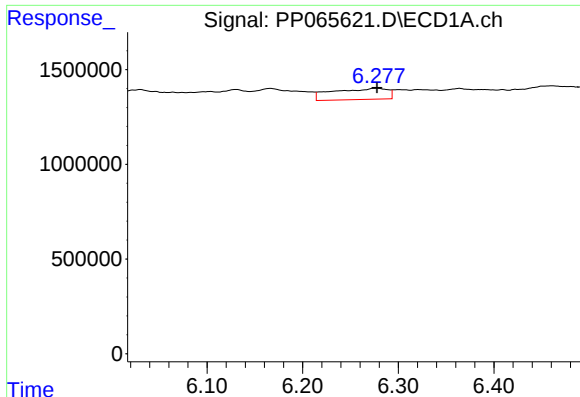
#21 AR-1248-1

R.T.: 6.030 min
Delta R.T.: 0.027 min
Response: 3353030
Conc: 82.45 ng/ml



#21 AR-1248-1

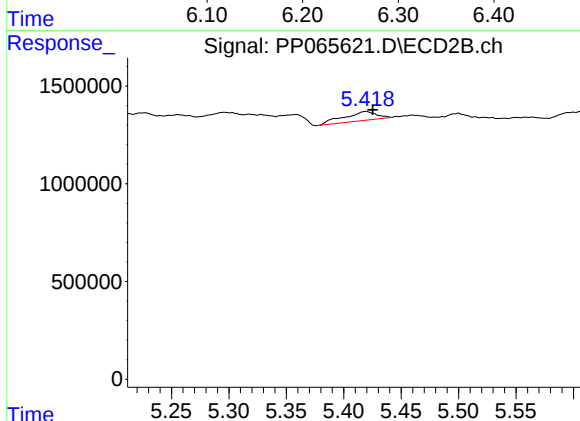
R.T.: 0.000 min
Exp R.T.: 5.185 min
Response: 0
Conc: N.D.



#22 AR-1248-2

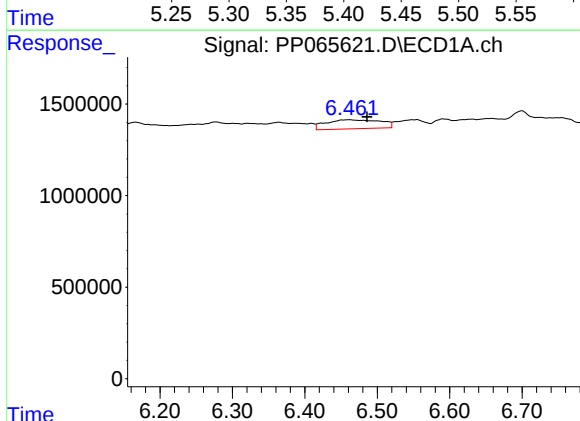
R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 2344904
Conc: 37.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



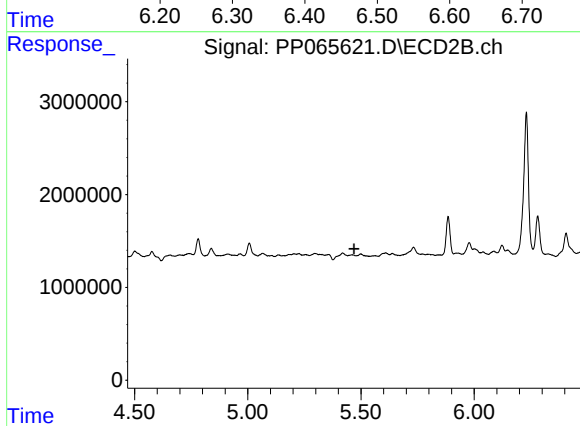
#22 AR-1248-2

R.T.: 5.419 min
Delta R.T.: -0.006 min
Response: 916008
Conc: 12.44 ng/ml



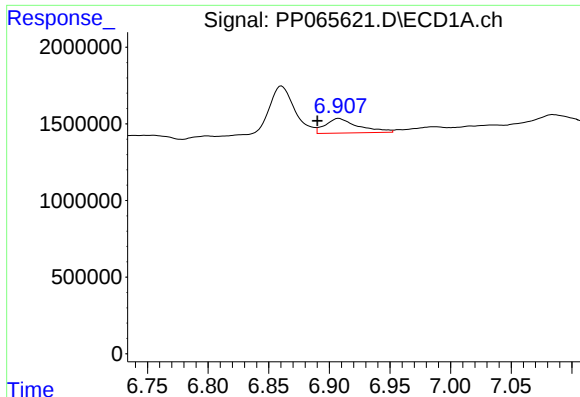
#23 AR-1248-3

R.T.: 6.461 min
Delta R.T.: -0.025 min
Response: 2578967
Conc: 38.30 ng/ml



#23 AR-1248-3

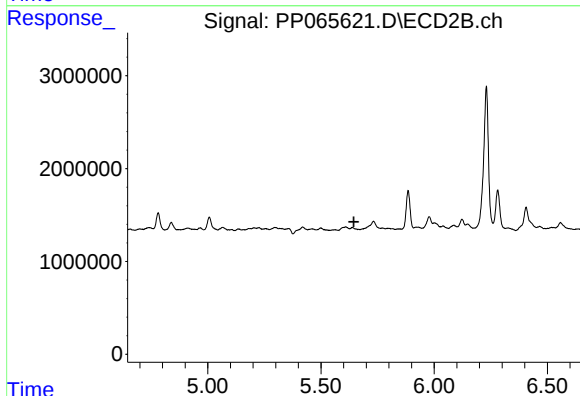
R.T.: 0.000 min
Exp R.T. : 5.469 min
Response: 0
Conc: N.D.



#24 AR-1248-4

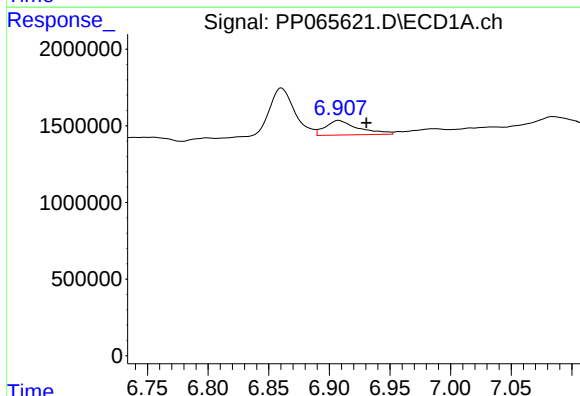
R.T.: 6.908 min
Delta R.T.: 0.018 min
Response: 1797248
Conc: 25.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



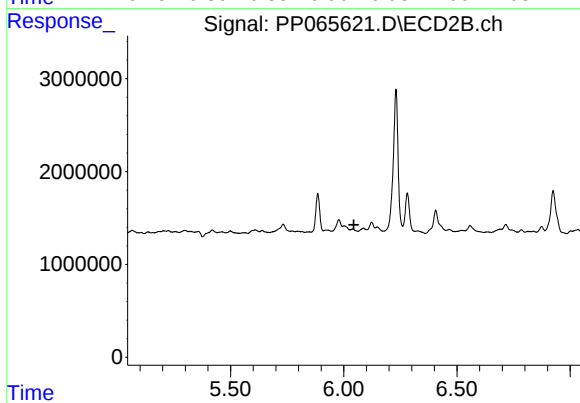
#24 AR-1248-4

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



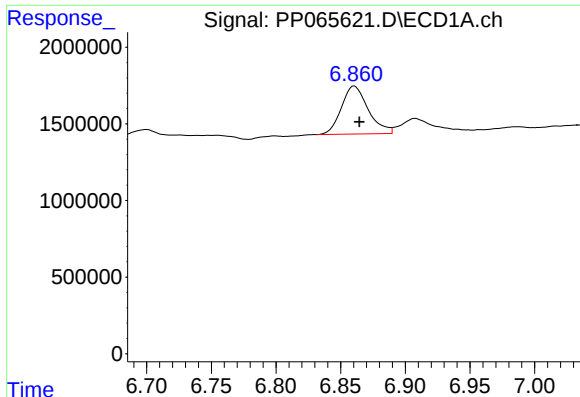
#25 AR-1248-5

R.T.: 6.908 min
Delta R.T.: -0.023 min
Response: 1797248
Conc: 25.93 ng/ml



#25 AR-1248-5

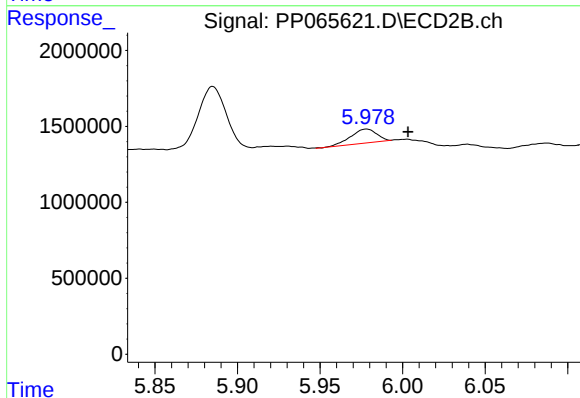
R.T.: 0.000 min
Exp R.T. : 6.045 min
Response: 0
Conc: N.D.



#26 AR-1254-1

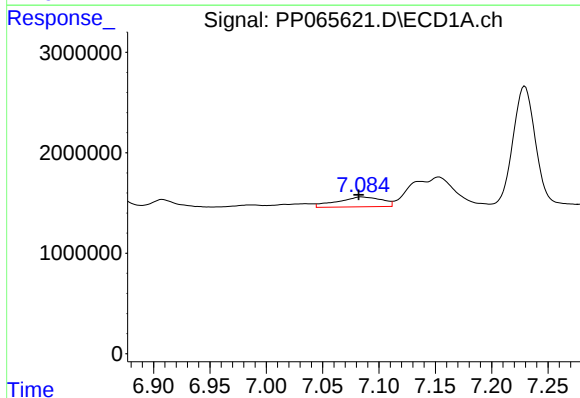
R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 4526182
Conc: 57.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



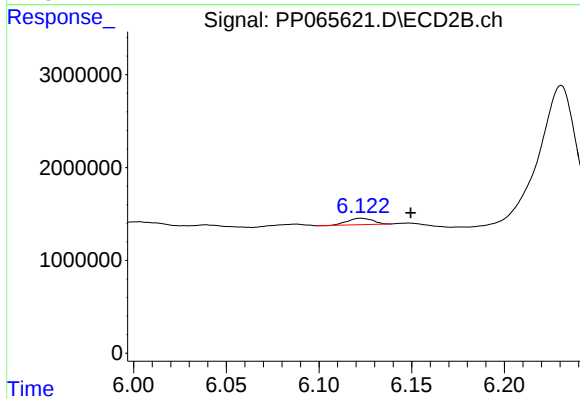
#26 AR-1254-1

R.T.: 5.978 min
Delta R.T.: -0.025 min
Response: 1009216
Conc: 8.19 ng/ml



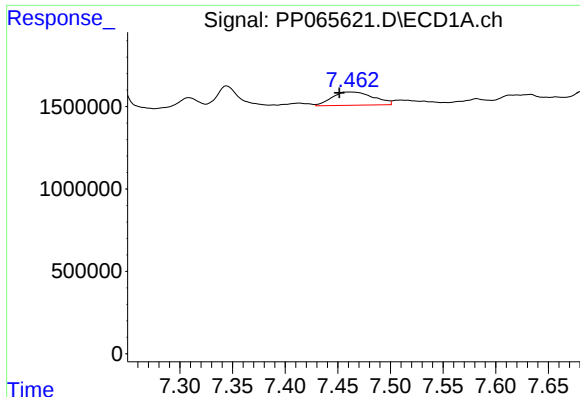
#27 AR-1254-2

R.T.: 7.084 min
Delta R.T.: 0.002 min
Response: 2697615
Conc: 22.84 ng/ml



#27 AR-1254-2

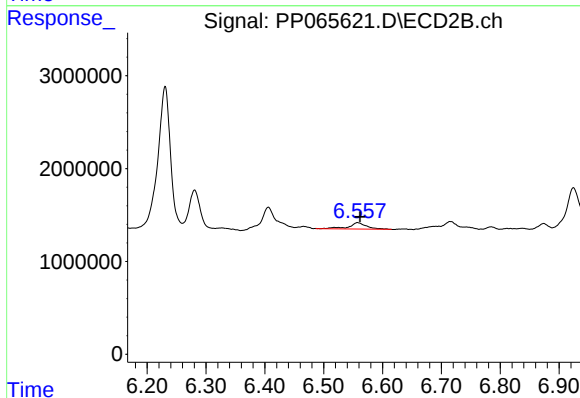
R.T.: 6.123 min
Delta R.T.: -0.027 min
Response: 653360
Conc: 6.21 ng/ml



#28 AR-1254-3

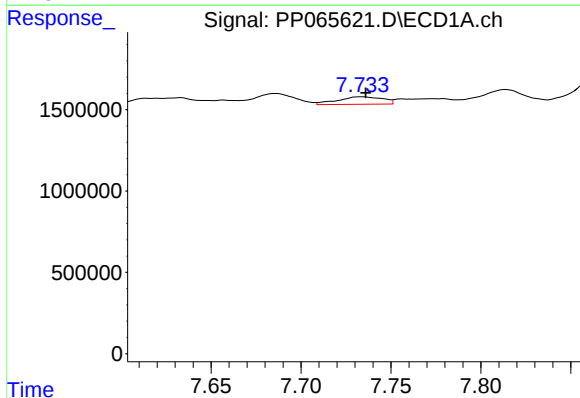
R.T.: 7.462 min
Delta R.T.: 0.011 min
Response: 2215644
Conc: 18.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



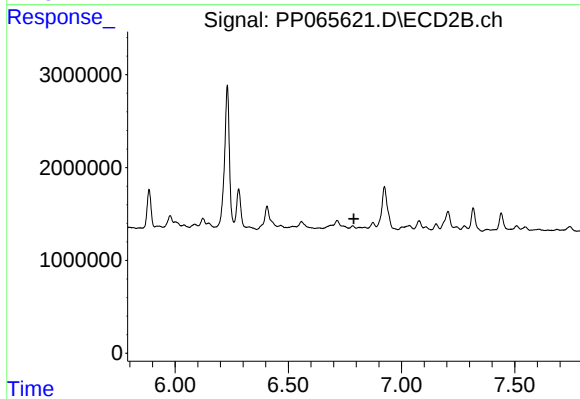
#28 AR-1254-3

R.T.: 6.558 min
Delta R.T.: -0.004 min
Response: 1456372
Conc: 9.20 ng/ml



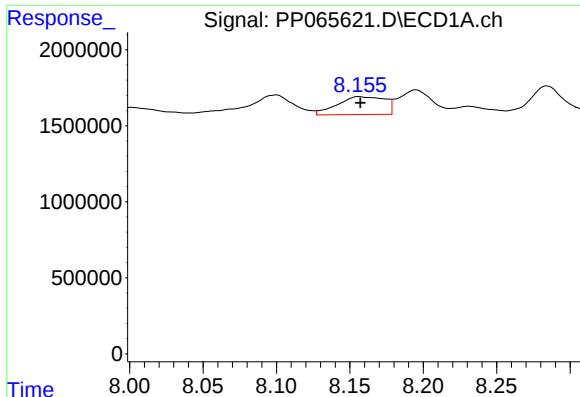
#29 AR-1254-4

R.T.: 7.733 min
Delta R.T.: -0.003 min
Response: 806142
Conc: 9.07 ng/ml



#29 AR-1254-4

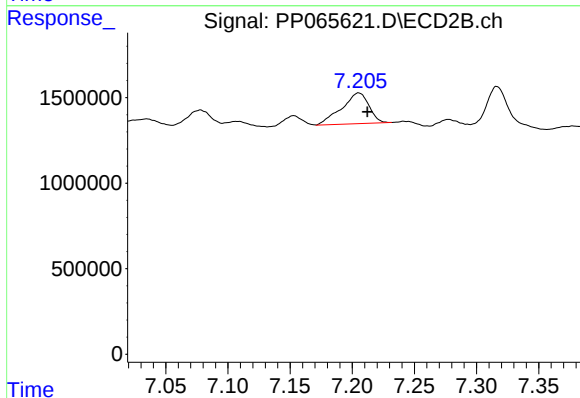
R.T.: 0.000 min
Exp R.T. : 6.789 min
Response: 0
Conc: N.D.



#30 AR-1254-5

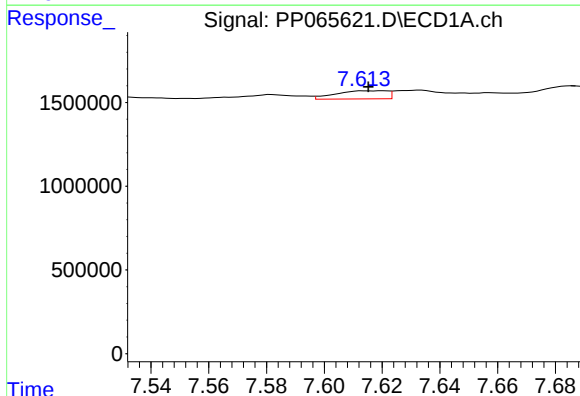
R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 2649017
Conc: 27.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



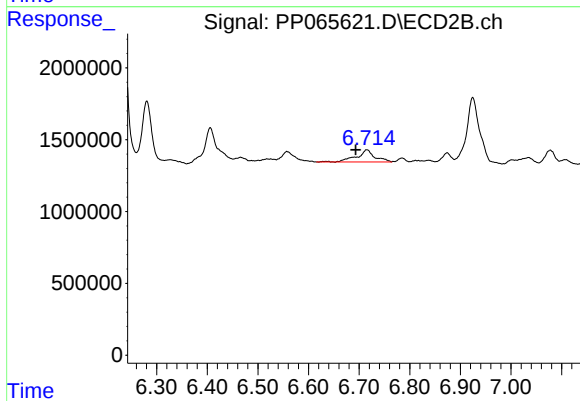
#30 AR-1254-5

R.T.: 7.205 min
Delta R.T.: -0.007 min
Response: 2747651
Conc: 21.47 ng/ml



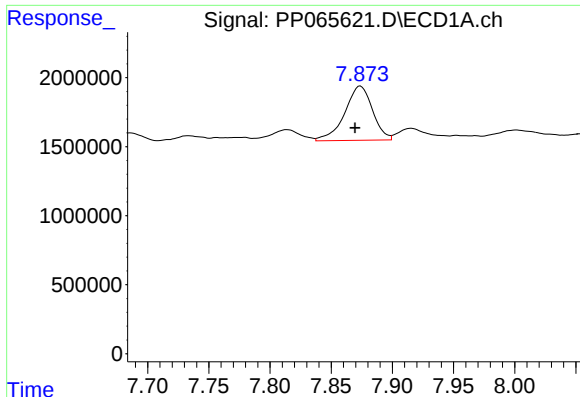
#31 AR-1260-1

R.T.: 7.620 min
Delta R.T.: 0.005 min
Response: 599193
Conc: 6.19 ng/ml



#31 AR-1260-1

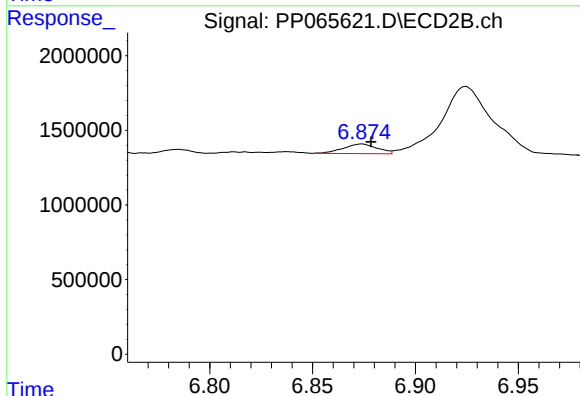
R.T.: 6.715 min
Delta R.T.: 0.022 min
Response: 2081736
Conc: 19.62 ng/ml



#32 AR-1260-2

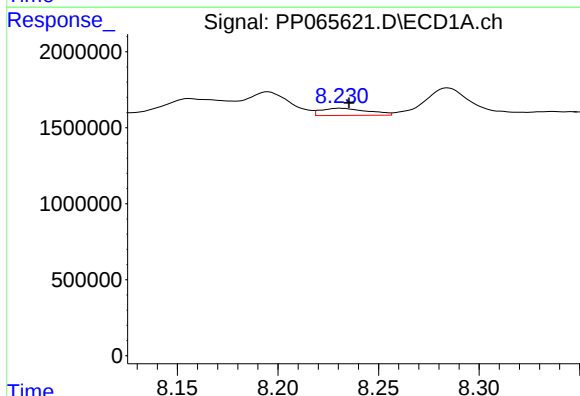
R.T.: 7.874 min
Delta R.T.: 0.004 min
Response: 6225863
Conc: 55.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



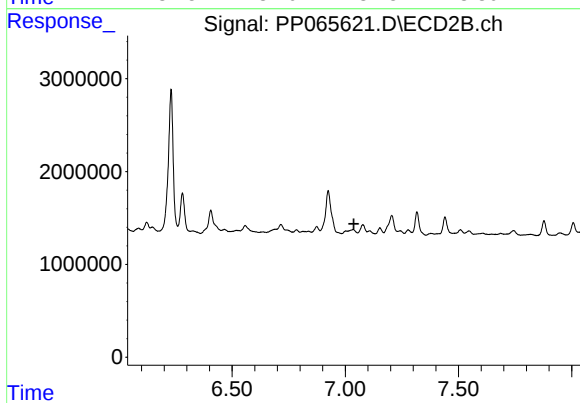
#32 AR-1260-2

R.T.: 6.874 min
Delta R.T.: -0.005 min
Response: 741159
Conc: 6.01 ng/ml



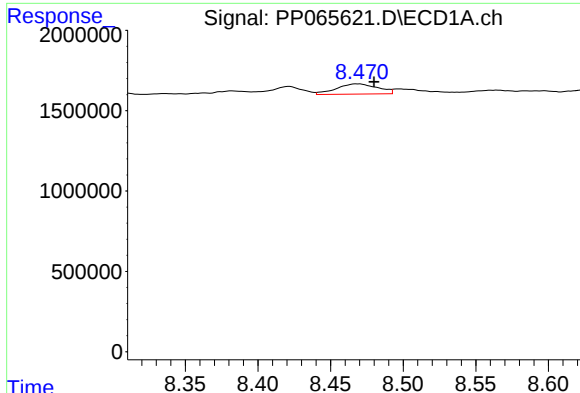
#33 AR-1260-3

R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 760967
Conc: 8.72 ng/ml



#33 AR-1260-3

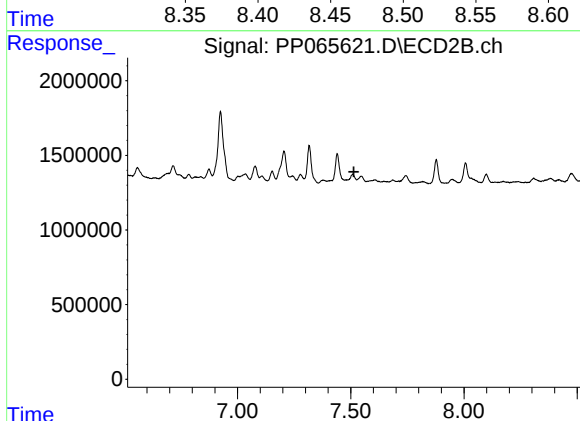
R.T.: 0.000 min
Exp R.T. : 7.038 min
Response: 0
Conc: N.D.



#34 AR-1260-4

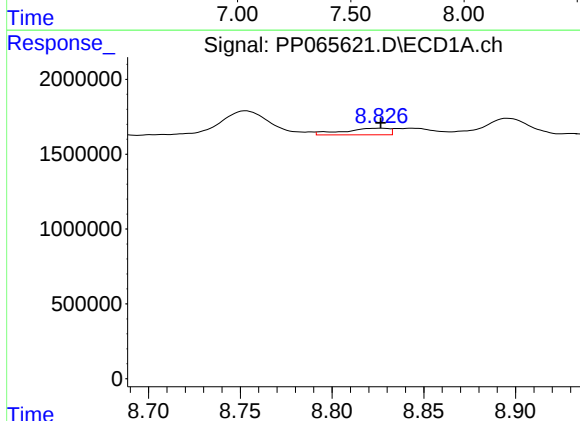
R.T.: 8.469 min
Delta R.T.: -0.011 min
Response: 1264296
Conc: 12.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



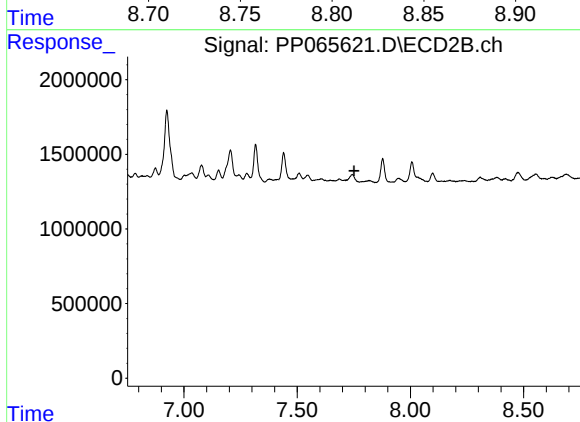
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.514 min
Response: 0
Conc: N.D.



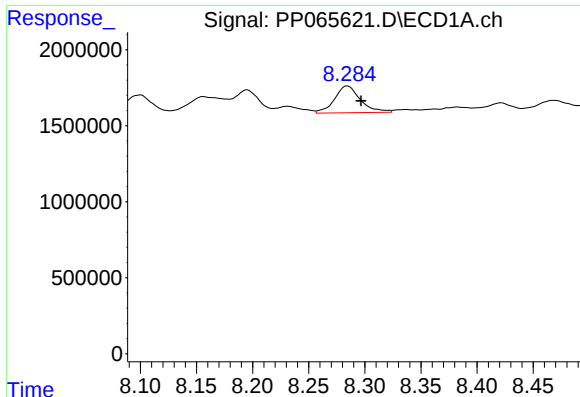
#35 AR-1260-5

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 764814
Conc: 4.06 ng/ml



#35 AR-1260-5

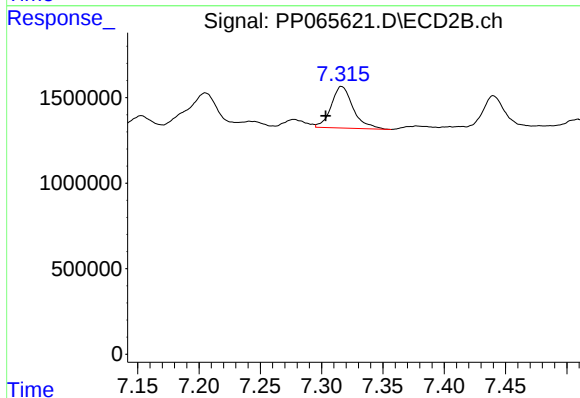
R.T.: 0.000 min
Exp R.T. : 7.751 min
Response: 0
Conc: N.D.



#36 AR-1262-1

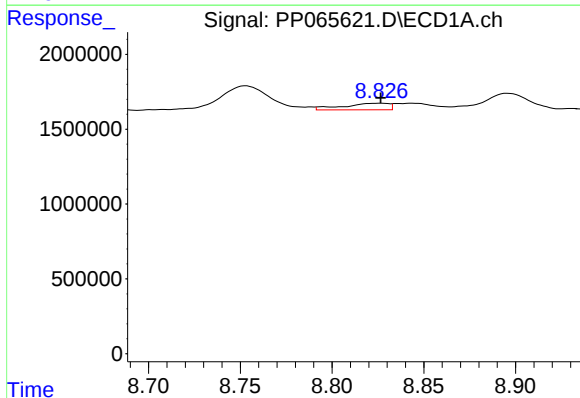
R.T.: 8.284 min
Delta R.T.: -0.012 min
Response: 2818082
Conc: 52.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



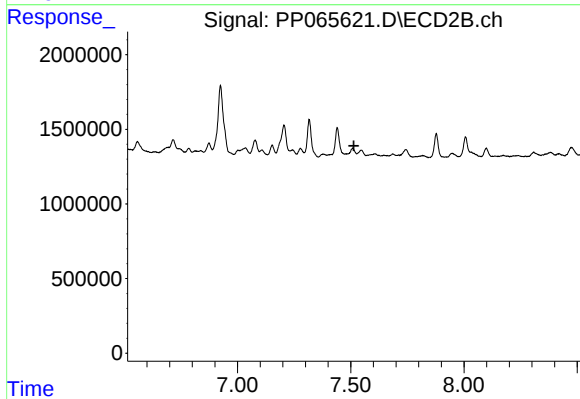
#36 AR-1262-1

R.T.: 7.316 min
Delta R.T.: 0.013 min
Response: 3033448
Conc: 54.54 ng/ml



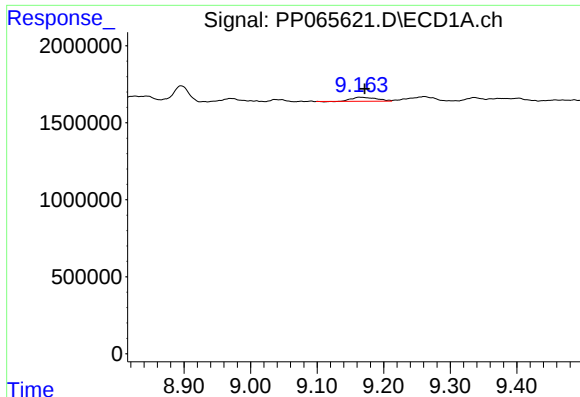
#37 AR-1262-2

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 764814
Conc: 3.61 ng/ml



#37 AR-1262-2

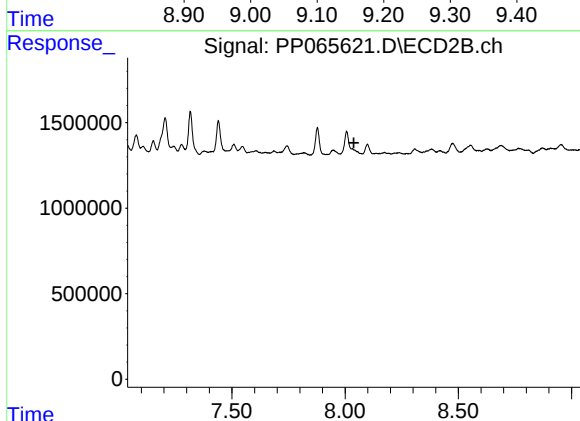
R.T.: 0.000 min
Exp R.T.: 7.514 min
Response: 0
Conc: N.D.



#38 AR-1262-3

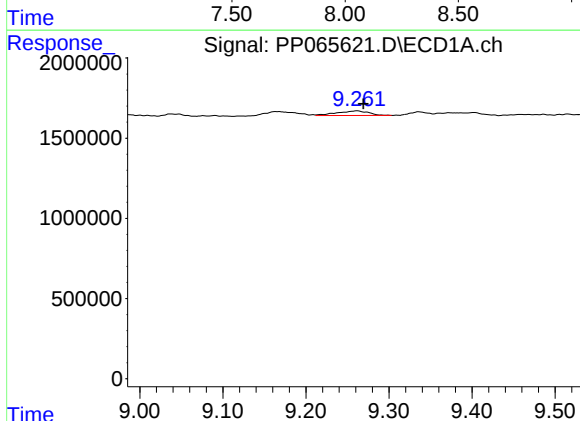
R.T.: 9.165 min
Delta R.T.: -0.006 min
Response: 662448
Conc: 4.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



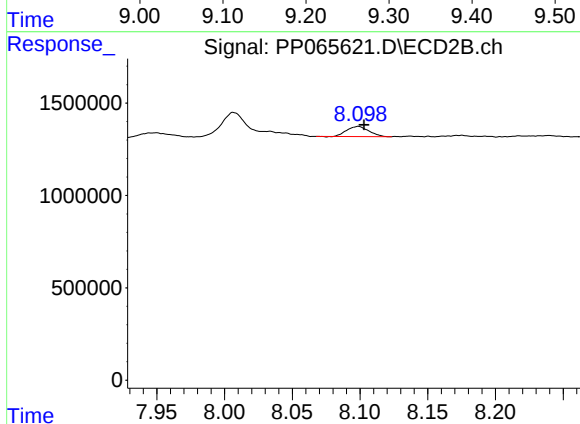
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.038 min
Response: 0
Conc: N.D.



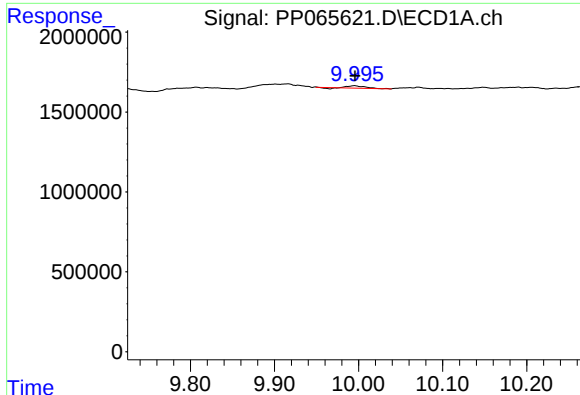
#39 AR-1262-4

R.T.: 9.261 min
Delta R.T.: -0.008 min
Response: 769355
Conc: 6.35 ng/ml



#39 AR-1262-4

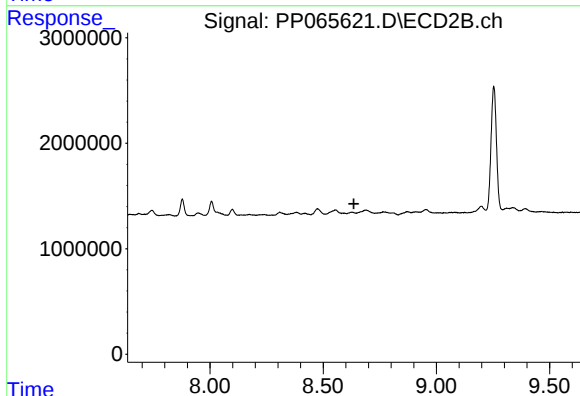
R.T.: 8.099 min
Delta R.T.: -0.004 min
Response: 629453
Conc: 4.10 ng/ml



#40 AR-1262-5

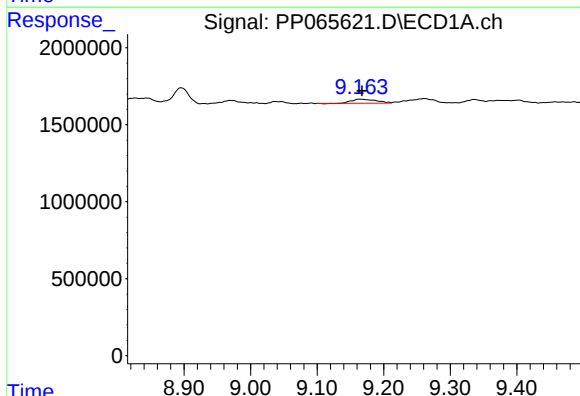
R.T.: 9.995 min
Delta R.T.: 0.000 min
Response: 190983
Conc: 2.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



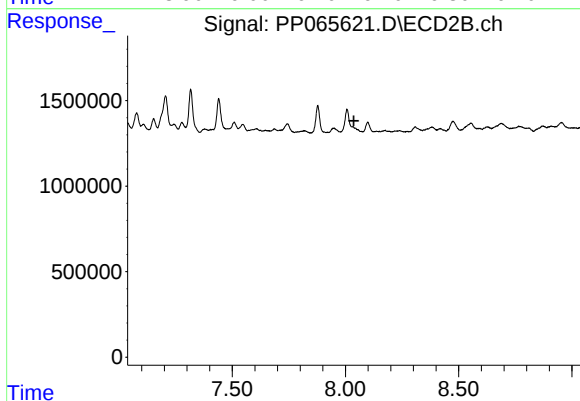
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.636 min
Response: 0
Conc: N.D.



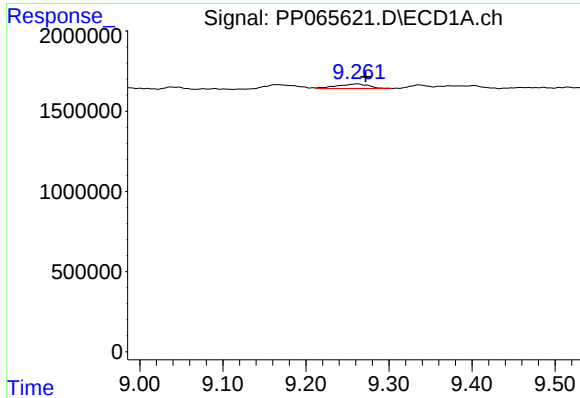
#41 AR-1268-1

R.T.: 9.165 min
Delta R.T.: -0.003 min
Response: 662448
Conc: 2.61 ng/ml



#41 AR-1268-1

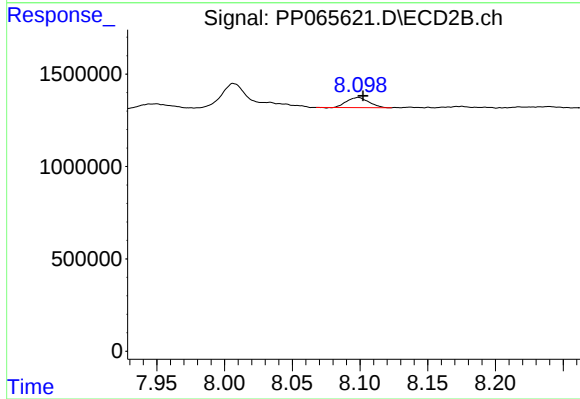
R.T.: 0.000 min
Exp R.T. : 8.037 min
Response: 0
Conc: N.D.



#42 AR-1268-2

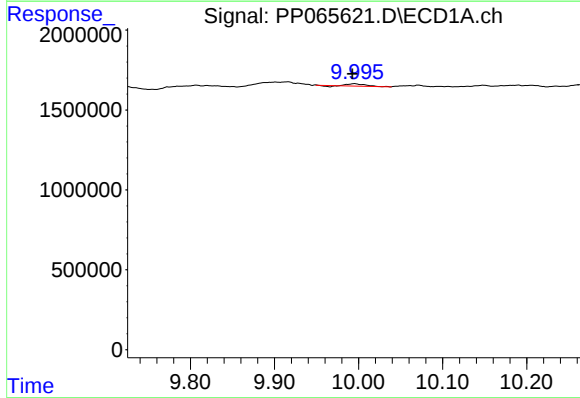
R.T.: 9.261 min
Delta R.T.: -0.010 min
Response: 769355
Conc: 3.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



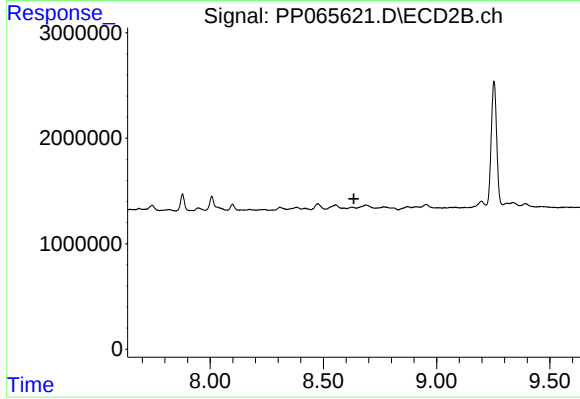
#42 AR-1268-2

R.T.: 8.099 min
Delta R.T.: -0.004 min
Response: 629453
Conc: 3.00 ng/ml



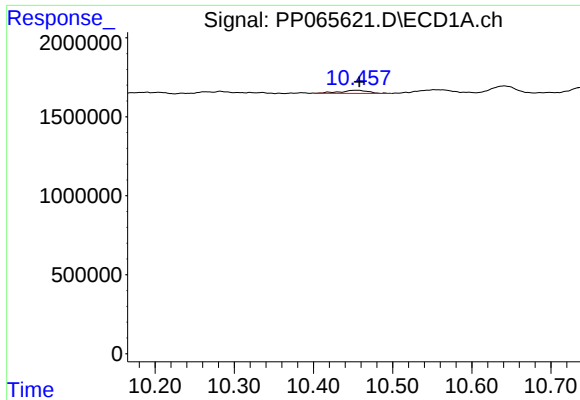
#44 AR-1268-4

R.T.: 9.995 min
Delta R.T.: 0.003 min
Response: 190983
Conc: 2.29 ng/ml



#44 AR-1268-4

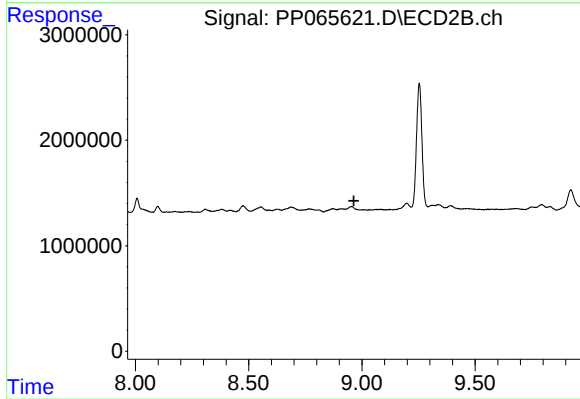
R.T.: 0.000 min
Exp R.T. : 8.635 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.455 min
Delta R.T.: -0.003 min
Response: 471239
Conc: 0.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
PE-1(0-0.5)



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.964 min
Response: 0
Conc: N.D.