

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042023\
 Data File : PP057071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 17:42
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 18:11:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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...	4.404	3.631	107.0E6	81305362	48.376	48.129
2)	SA Decachlor...	10.217	8.686	75464849	88508791	47.025	49.475
Target Compounds							
3)	L1 AR-1016-1	5.578	4.728	939063	877232	14.969	15.443
4)	L1 AR-1016-2	5.605	4.747	1360706	730929	14.912	9.122 #
5)	L1 AR-1016-3	5.664	4.926	552273	477425	9.576	10.991
6)	L1 AR-1016-4	5.761	4.967	484700	20811060	10.666	536.302 #
7)	L1 AR-1016-5	6.059	5.182	12641642	12650825	262.366	252.315
8)	L2 AR-1221-1	4.606	3.843	86718	55042	3.248	2.579
9)	L2 AR-1221-2	4.711	3.934	1383810	1174300	71.103	73.023
10)	L2 AR-1221-3	4.775	4.011	366641	319544	6.252	6.501
11)	L3 AR-1232-1	4.775	4.011	366641	319544	7.562	7.955
12)	L3 AR-1232-2	5.311	4.747	593140	730929	23.880	20.206
13)	L3 AR-1232-3	5.605	4.926	1360706	477425	32.714	24.839
14)	L3 AR-1232-4	5.761	5.008	484700	6572598	23.465	331.706 #
15)	L3 AR-1232-5	5.854	5.182	21969080	12650825	1162.050	570.058 #
16)	L4 AR-1242-1	5.578	4.728	939063	877232	18.347	18.747
17)	L4 AR-1242-2	5.605	4.747	1360706	730929	18.167	11.253 #
18)	L4 AR-1242-3	5.664	4.926	552273	477425	11.725	13.442
19)	L4 AR-1242-4	5.761	5.008	484700	6572598	12.993	165.300 #
20)	L4 AR-1242-5	6.507	5.537	10668533	48415243	316.733	1082.227 #
21)	L5 AR-1248-1	5.578	4.728	939063	877232	24.426	24.870
22)	L5 AR-1248-2	5.854	4.967	21969080	20811060	348.631	374.896
23)	L5 AR-1248-3	6.059	5.008	12641642	6572598	189.370	113.519 #
24)	L5 AR-1248-4	6.464	5.182	14116301	12650825	238.486	186.336
25)	L5 AR-1248-5	6.507	5.578	10668533	5343808	183.773	91.962 #
26)	L6 AR-1254-1	6.439	5.537	36285587	48415243	480.468	480.437
27)	L6 AR-1254-2	6.659	5.685	51733978	42907029	476.995	480.177
28)	L6 AR-1254-3	7.027	6.092	50011255	67635333	483.135	482.754
29)	L6 AR-1254-4	7.314	6.321	29963257	36413511	482.291	483.313
30)	L6 AR-1254-5	7.736	6.742	34785560	58487759	482.921	475.131
31)	L7 AR-1260-1	7.193	6.223	22598533	35111052	259.470	346.489 #
32)	L7 AR-1260-2	7.451	6.412	21387659	27424346	232.899	235.944
33)	L7 AR-1260-3	7.797f	6.565	6047583	28319180	83.338	255.987 #
34)	L7 AR-1260-4	8.026	7.041	13698925	3176078	163.023	34.674 #
35)	L7 AR-1260-5	8.363	7.282	4667496	5732318	32.524	31.759
36)	L8 AR-1262-1	7.797f	6.831	6047583	2599591	59.913	45.542
37)	L8 AR-1262-2	8.363	7.041	4667496	3176078	31.912	27.336
38)	L8 AR-1262-3	8.695	7.564	3603983	638020	33.596	7.040 #
39)	L8 AR-1262-4	8.799f	7.630	29005	6688928	0.347	42.564 #
40)	L8 AR-1262-5	9.441	8.127	107504	297622	2.243	4.353 #
41)	L9 AR-1268-1	8.695	7.564	3603983	638020	17.086	2.297 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042023\
 Data File : PP057071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 17:42
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

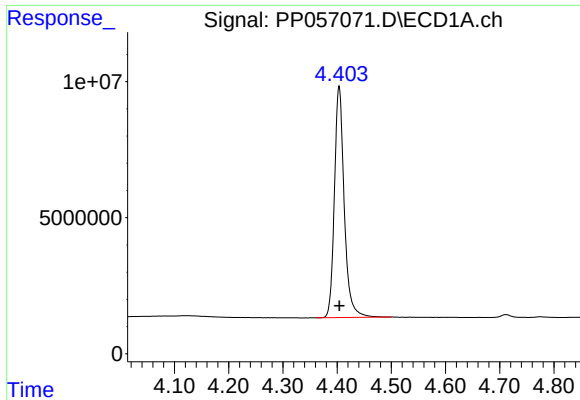
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 18:11:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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
42) L9	AR-1268-2	8.799f	7.630	29005	6688928	0.162	26.821 #
43) L9	AR-1268-3	9.009	7.841	112926	179981	0.639	0.813 #
44) L9	AR-1268-4	9.441	8.127	107504	297622	1.896	3.721 #
45) L9	AR-1268-5	9.873	8.425	48234	407432	0.101	0.688 #

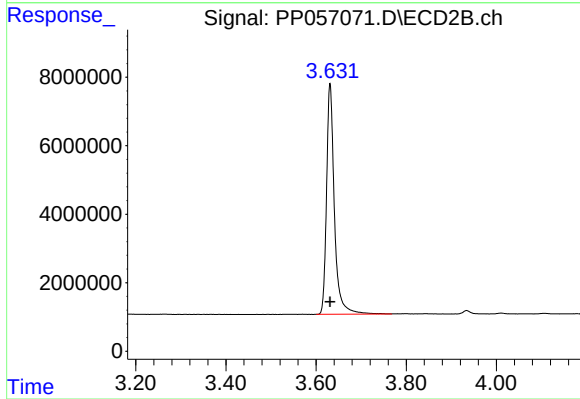
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

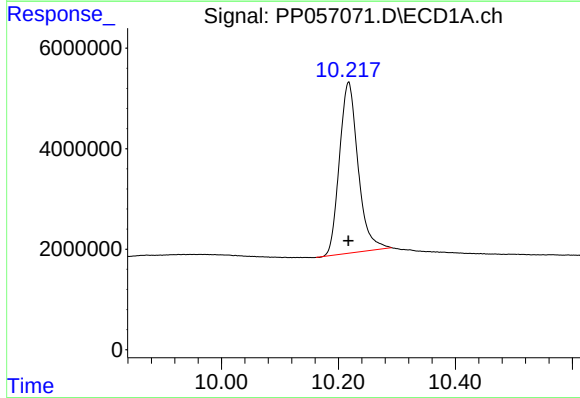
R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 107007192
Conc: 48.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



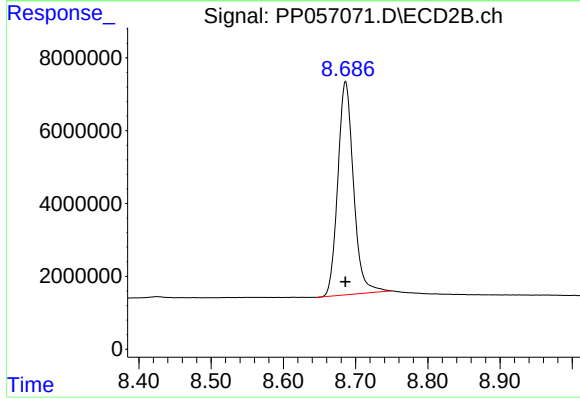
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 81305362
Conc: 48.13 ng/ml



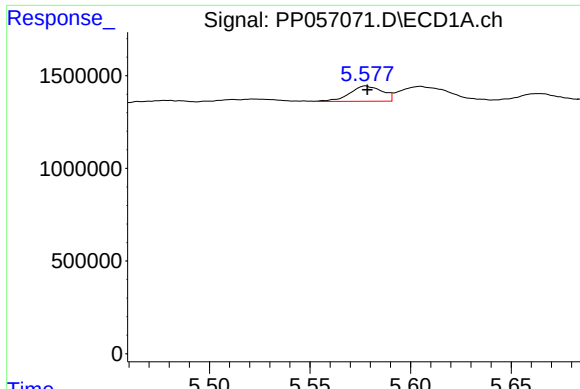
#2 Decachlorobiphenyl

R.T.: 10.217 min
Delta R.T.: 0.000 min
Response: 75464849
Conc: 47.02 ng/ml



#2 Decachlorobiphenyl

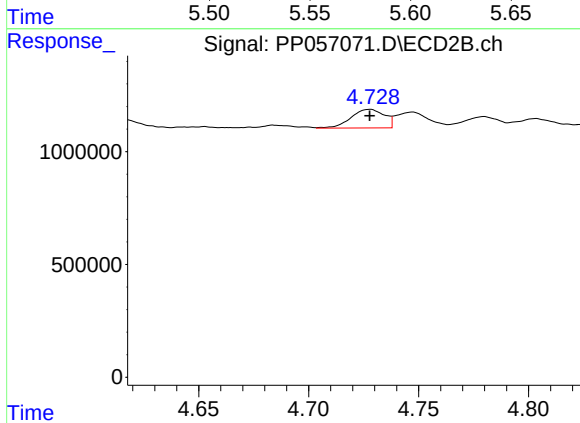
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 88508791
Conc: 49.48 ng/ml



#3 AR-1016-1

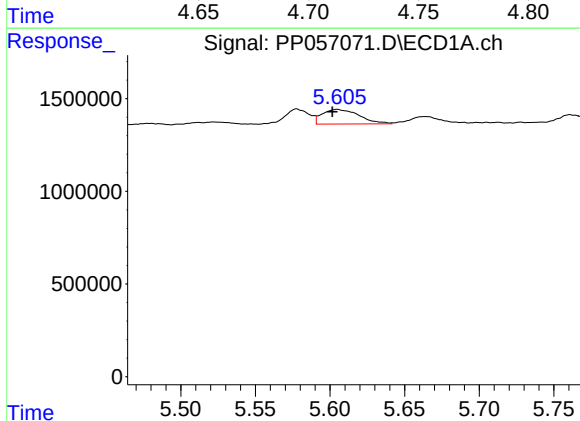
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 939063
Conc: 14.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



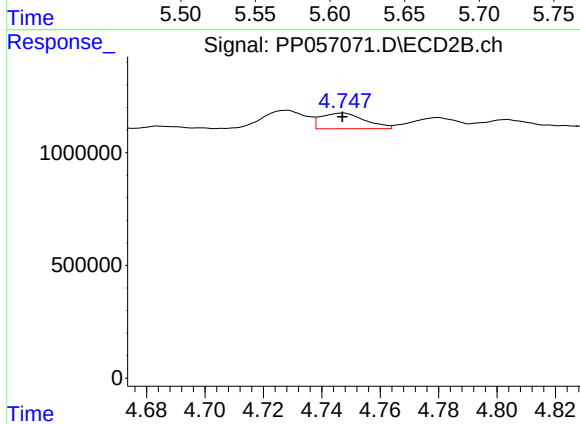
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 877232
Conc: 15.44 ng/ml



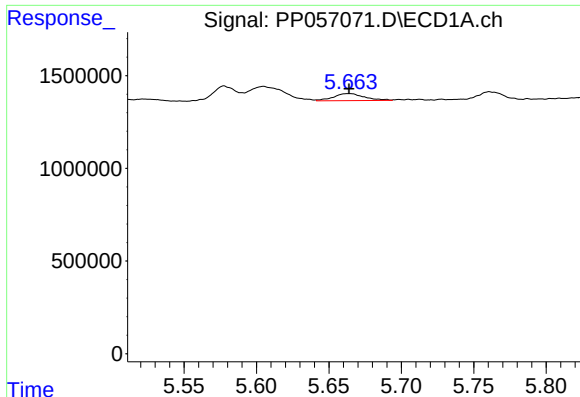
#4 AR-1016-2

R.T.: 5.605 min
Delta R.T.: 0.003 min
Response: 1360706
Conc: 14.91 ng/ml



#4 AR-1016-2

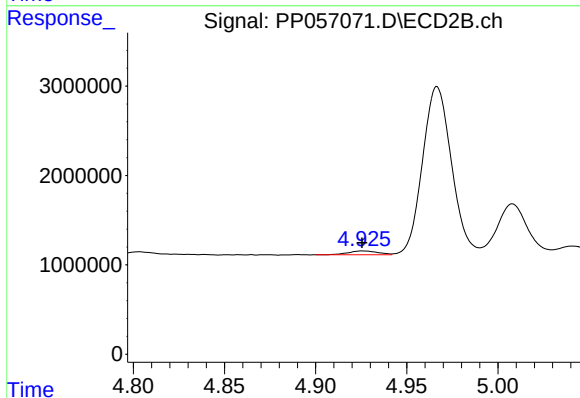
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 730929
Conc: 9.12 ng/ml



#5 AR-1016-3

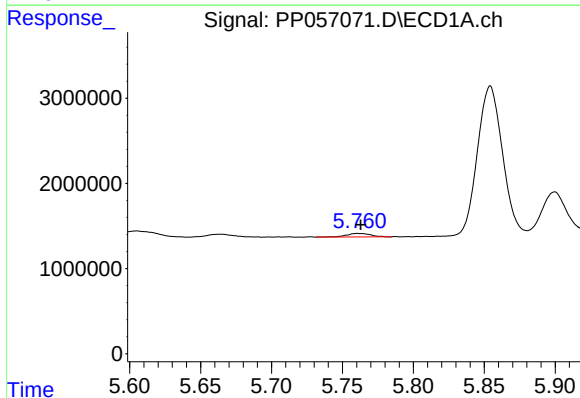
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 552273
Conc: 9.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



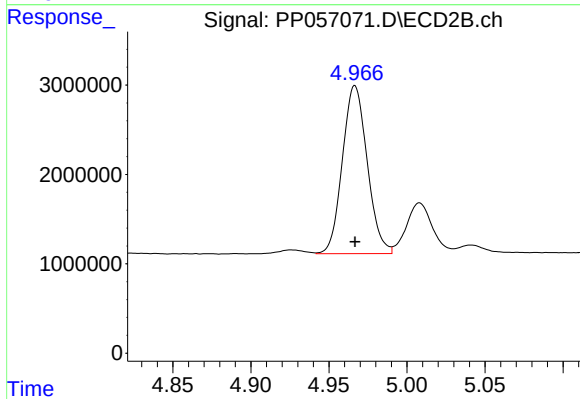
#5 AR-1016-3

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 477425
Conc: 10.99 ng/ml



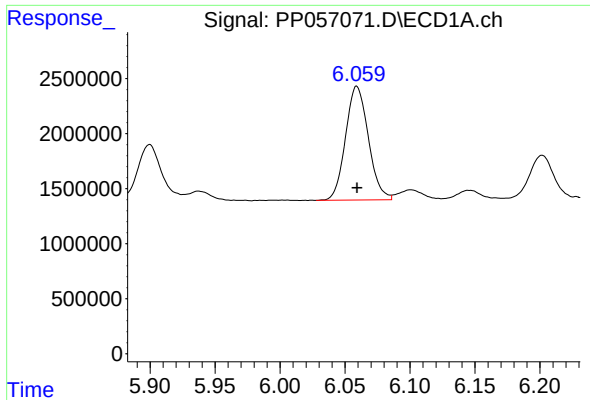
#6 AR-1016-4

R.T.: 5.761 min
Delta R.T.: -0.002 min
Response: 484700
Conc: 10.67 ng/ml



#6 AR-1016-4

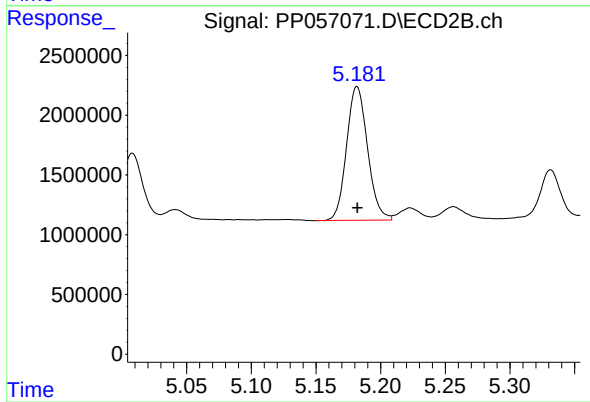
R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 20811060
Conc: 536.30 ng/ml



#7 AR-1016-5

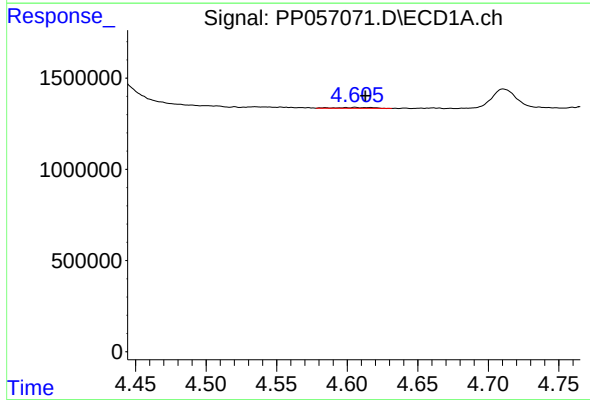
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 12641642
Conc: 262.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



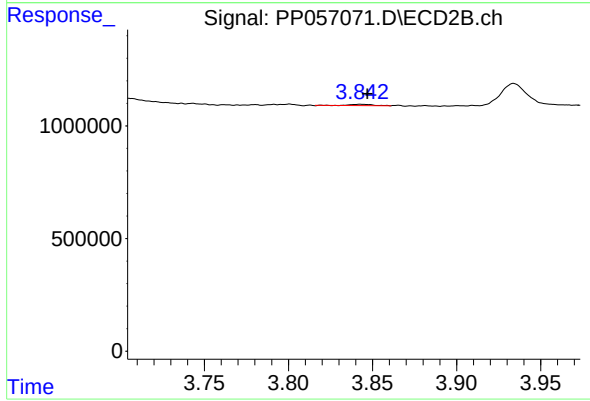
#7 AR-1016-5

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 12650825
Conc: 252.31 ng/ml



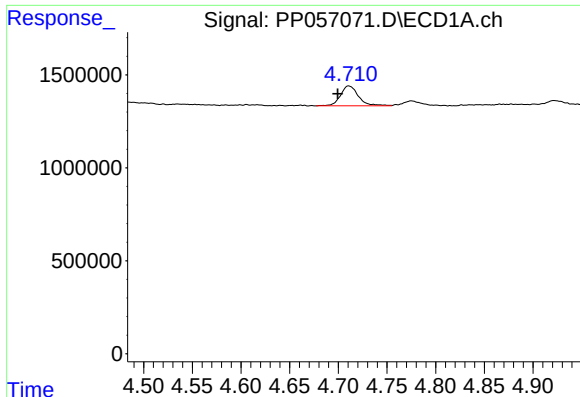
#8 AR-1221-1

R.T.: 4.606 min
Delta R.T.: -0.007 min
Response: 86718
Conc: 3.25 ng/ml



#8 AR-1221-1

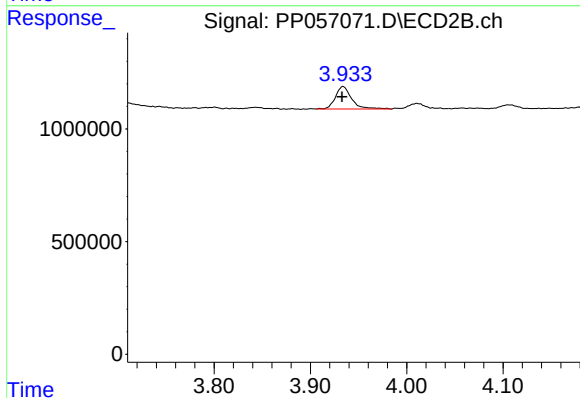
R.T.: 3.843 min
Delta R.T.: -0.004 min
Response: 55042
Conc: 2.58 ng/ml



#9 AR-1221-2

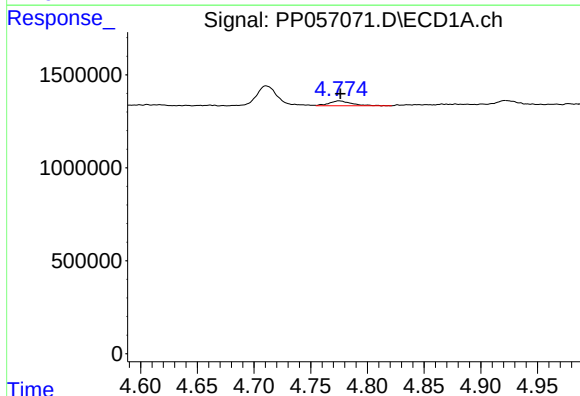
R.T.: 4.711 min
Delta R.T.: 0.011 min
Response: 1383810
Conc: 71.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



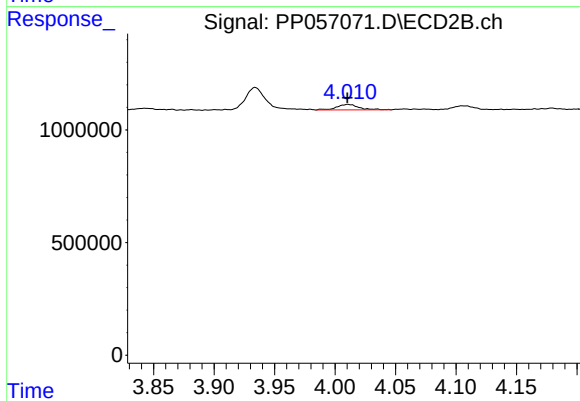
#9 AR-1221-2

R.T.: 3.934 min
Delta R.T.: 0.001 min
Response: 1174300
Conc: 73.02 ng/ml



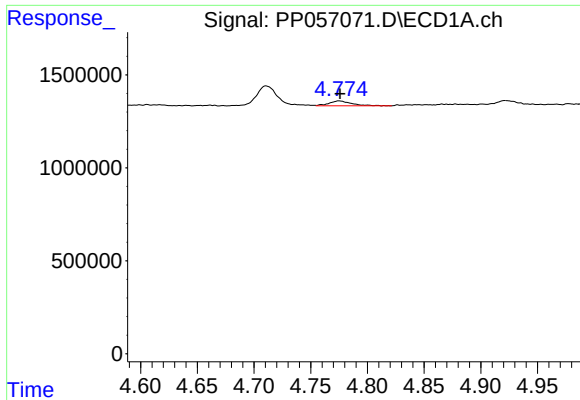
#10 AR-1221-3

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 366641
Conc: 6.25 ng/ml



#10 AR-1221-3

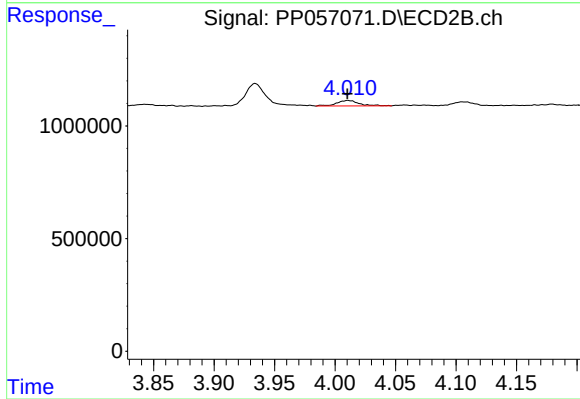
R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 319544
Conc: 6.50 ng/ml



#11 AR-1232-1

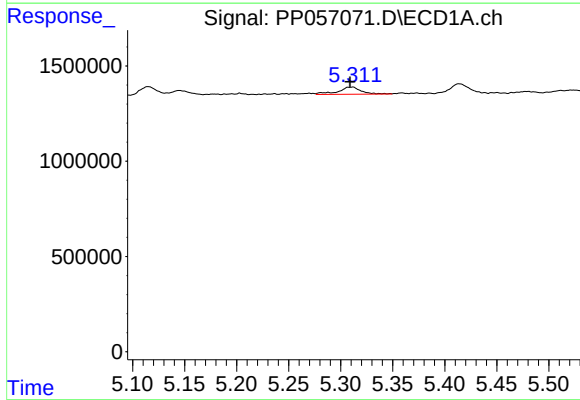
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 366641
Conc: 7.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



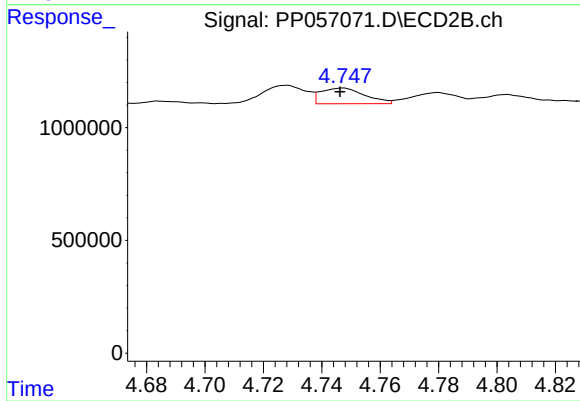
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 319544
Conc: 7.96 ng/ml



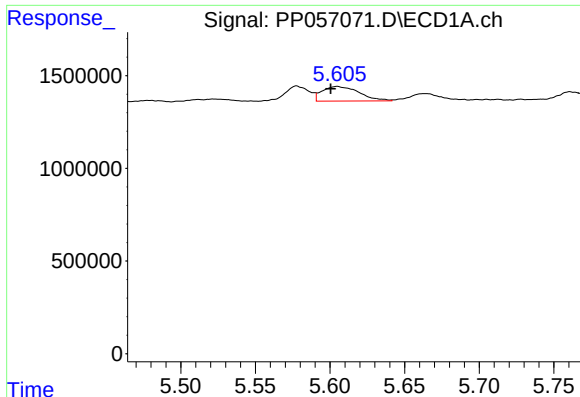
#12 AR-1232-2

R.T.: 5.311 min
Delta R.T.: 0.002 min
Response: 593140
Conc: 23.88 ng/ml



#12 AR-1232-2

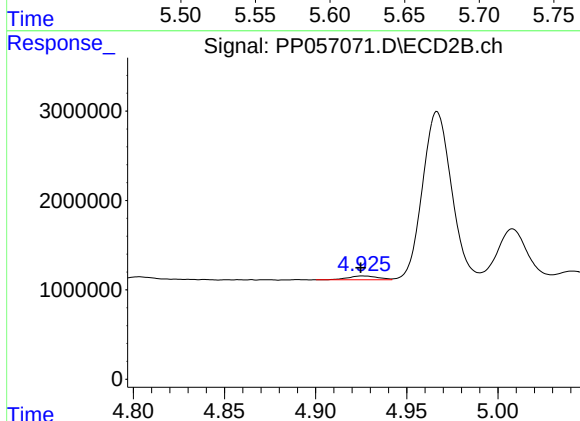
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 730929
Conc: 20.21 ng/ml



#13 AR-1232-3

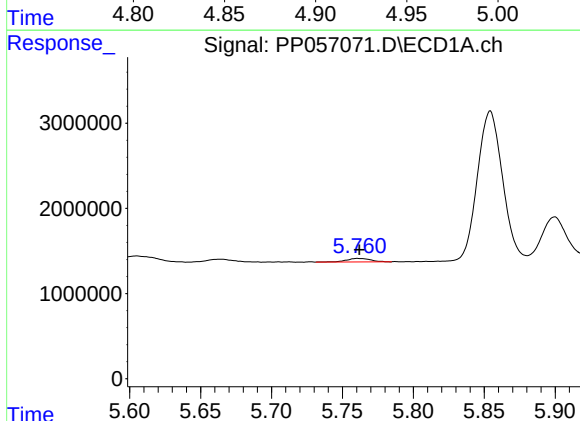
R.T.: 5.605 min
Delta R.T.: 0.004 min
Response: 1360706
Conc: 32.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



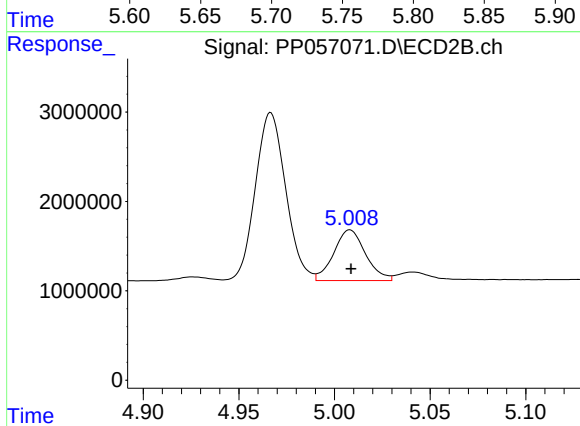
#13 AR-1232-3

R.T.: 4.926 min
Delta R.T.: 0.002 min
Response: 477425
Conc: 24.84 ng/ml



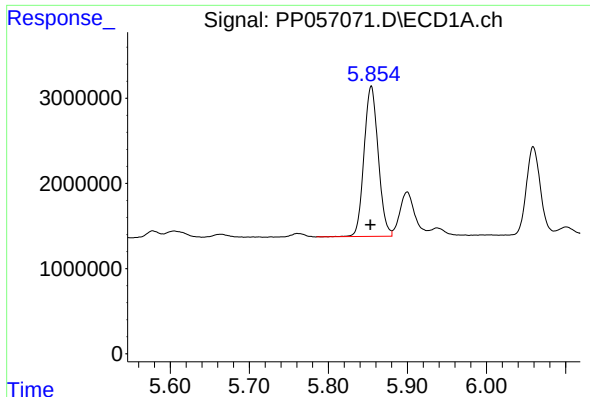
#14 AR-1232-4

R.T.: 5.761 min
Delta R.T.: -0.001 min
Response: 484700
Conc: 23.47 ng/ml



#14 AR-1232-4

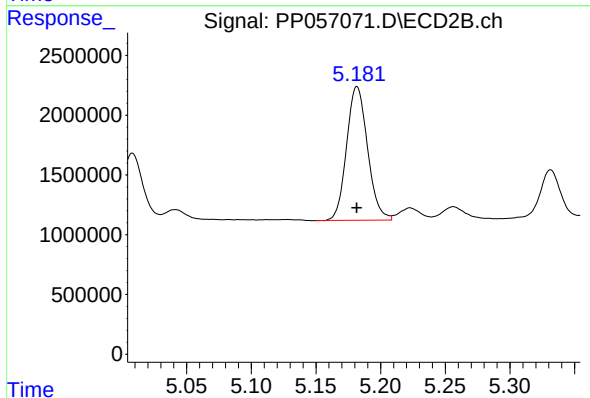
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 6572598
Conc: 331.71 ng/ml



#15 AR-1232-5

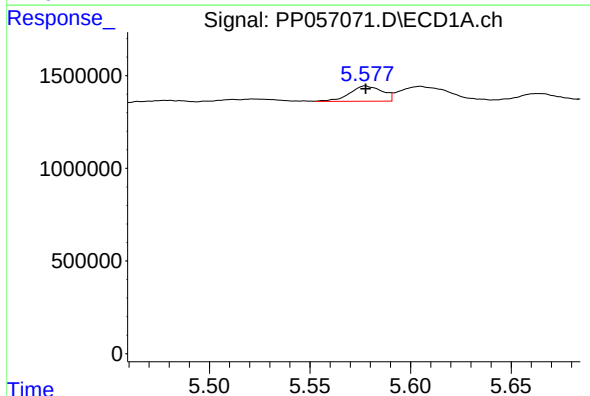
R.T.: 5.854 min
Delta R.T.: 0.001 min
Response: 21969080
Conc: 1162.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



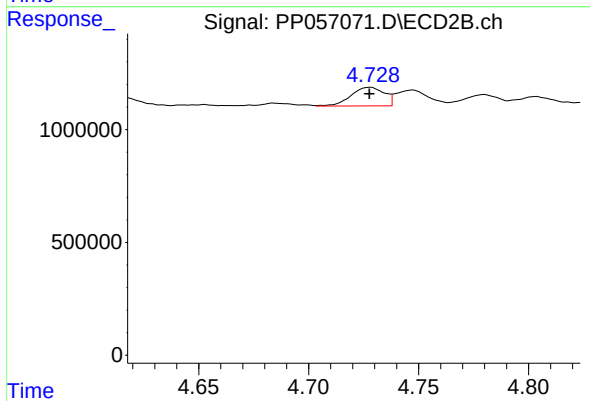
#15 AR-1232-5

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 12650825
Conc: 570.06 ng/ml



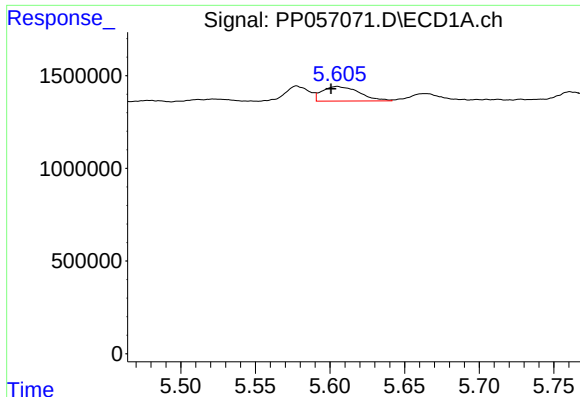
#16 AR-1242-1

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 939063
Conc: 18.35 ng/ml



#16 AR-1242-1

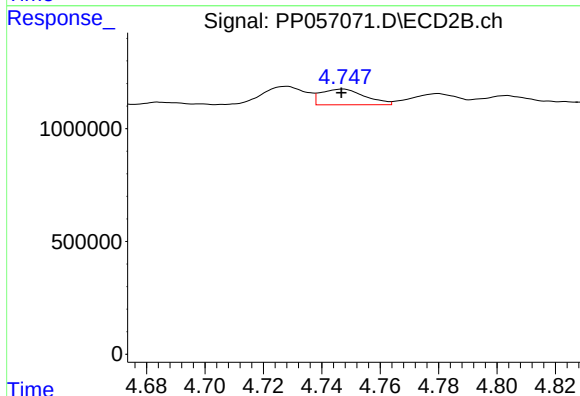
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 877232
Conc: 18.75 ng/ml



#17 AR-1242-2

R.T.: 5.605 min
Delta R.T.: 0.004 min
Response: 1360706
Conc: 18.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



#17 AR-1242-2

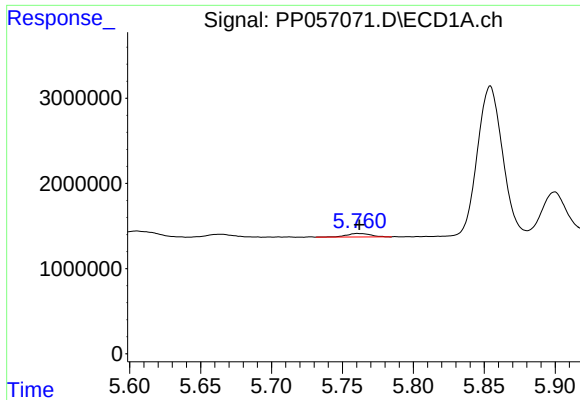
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 730929
Conc: 11.25 ng/ml

#18 AR-1242-3

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 552273
Conc: 11.72 ng/ml

#18 AR-1242-3

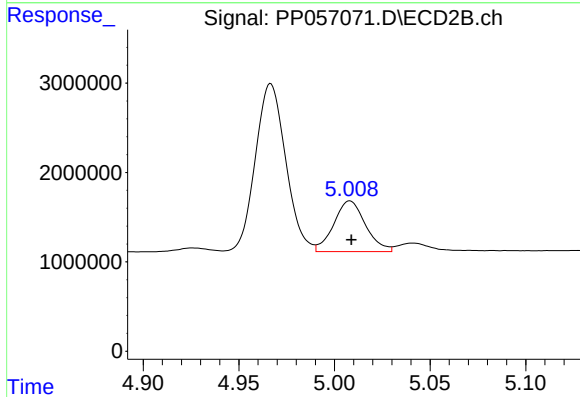
R.T.: 4.926 min
Delta R.T.: 0.001 min
Response: 477425
Conc: 13.44 ng/ml



#19 AR-1242-4

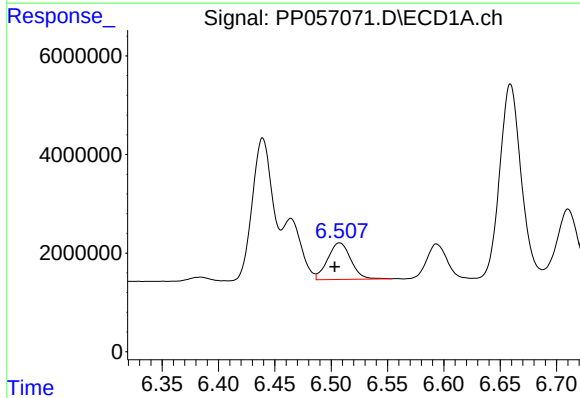
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 484700
Conc: 12.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



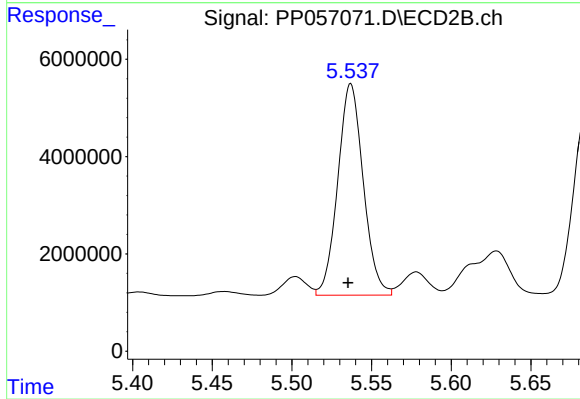
#19 AR-1242-4

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 6572598
Conc: 165.30 ng/ml



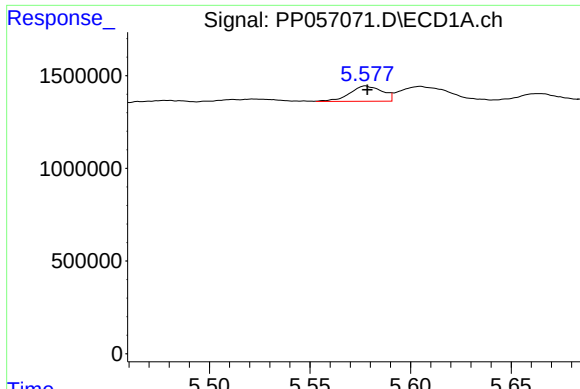
#20 AR-1242-5

R.T.: 6.507 min
Delta R.T.: 0.004 min
Response: 10668533
Conc: 316.73 ng/ml



#20 AR-1242-5

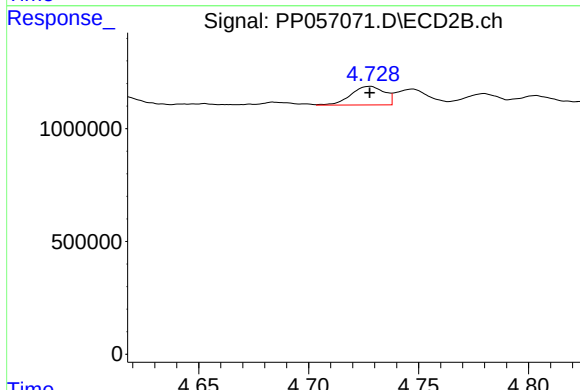
R.T.: 5.537 min
Delta R.T.: 0.002 min
Response: 48415243
Conc: 1082.23 ng/ml



#21 AR-1248-1

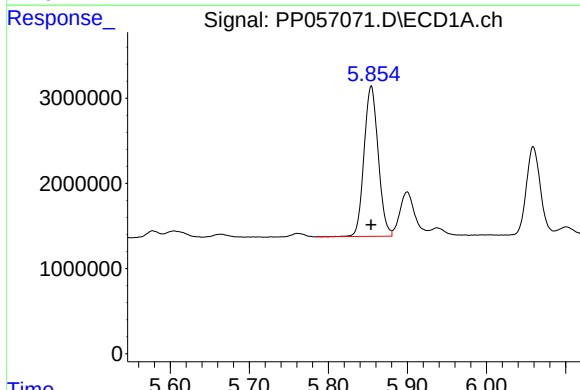
R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 939063
Conc: 24.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



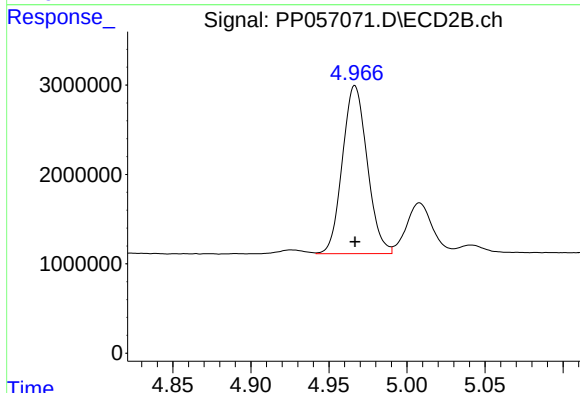
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 877232
Conc: 24.87 ng/ml



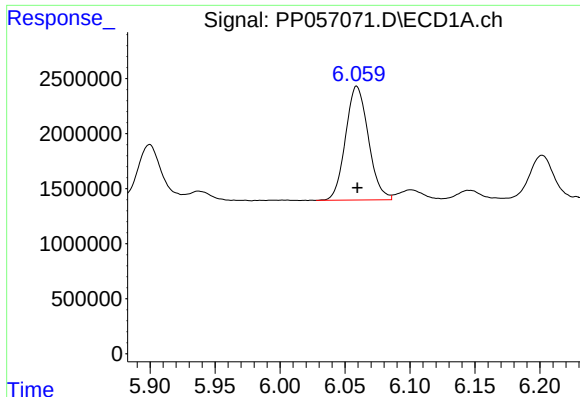
#22 AR-1248-2

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 21969080
Conc: 348.63 ng/ml



#22 AR-1248-2

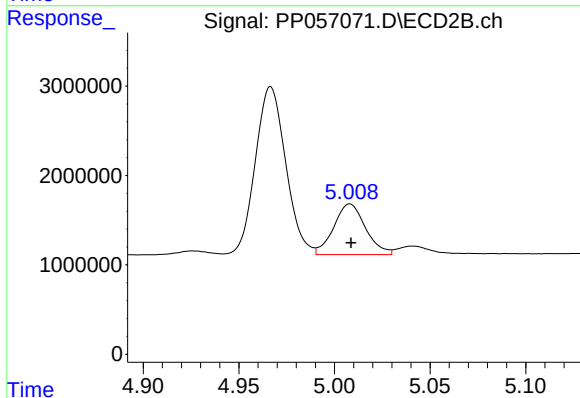
R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 20811060
Conc: 374.90 ng/ml



#23 AR-1248-3

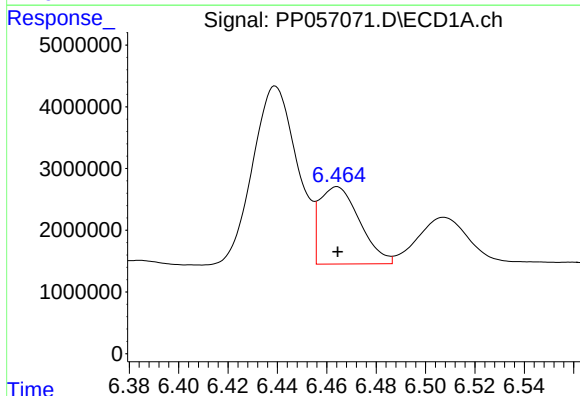
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 12641642
Conc: 189.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



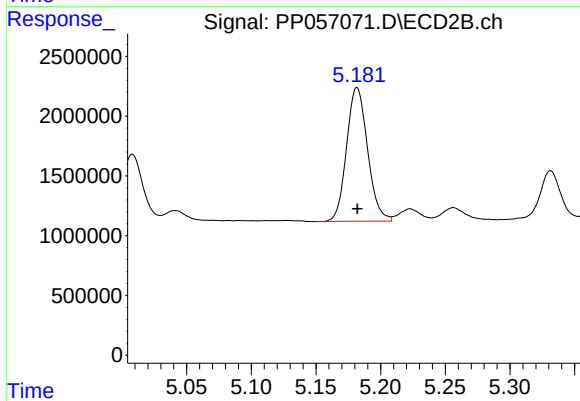
#23 AR-1248-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 6572598
Conc: 113.52 ng/ml



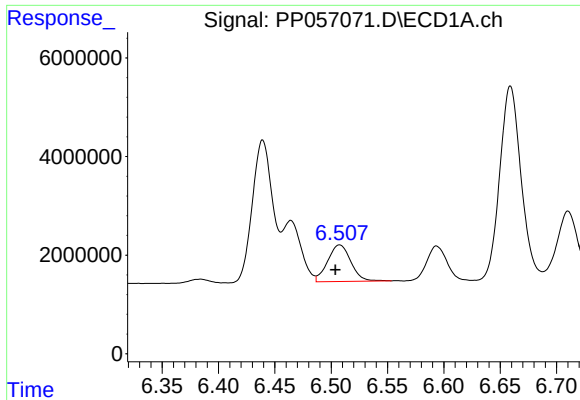
#24 AR-1248-4

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 14116301
Conc: 238.49 ng/ml



#24 AR-1248-4

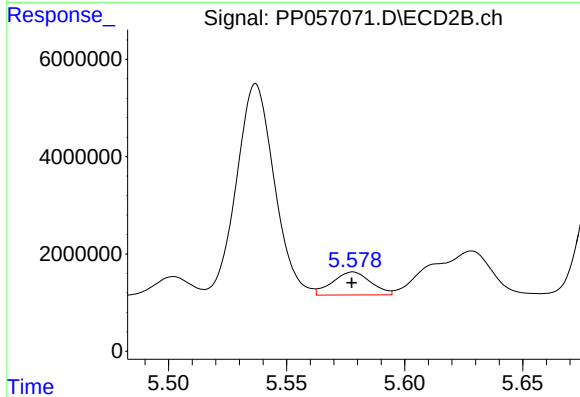
R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 12650825
Conc: 186.34 ng/ml



#25 AR-1248-5

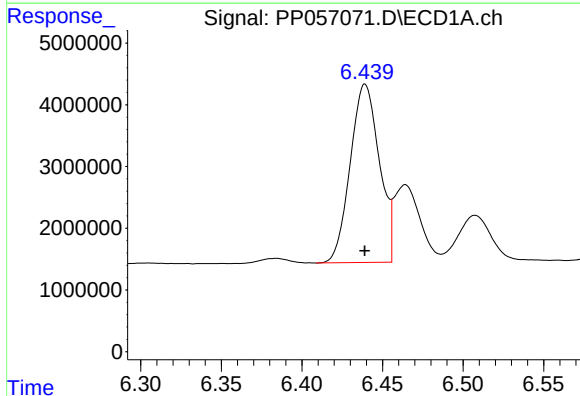
R.T.: 6.507 min
Delta R.T.: 0.004 min
Response: 10668533
Conc: 183.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



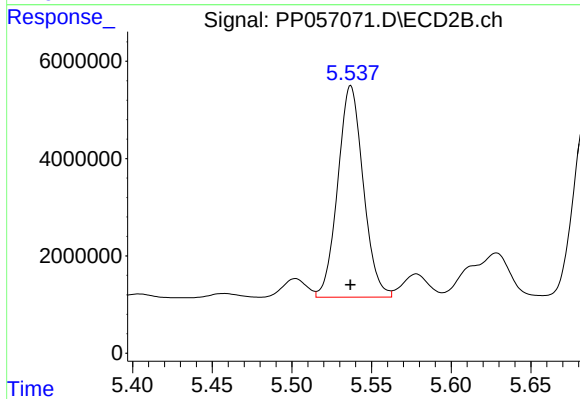
#25 AR-1248-5

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 5343808
Conc: 91.96 ng/ml



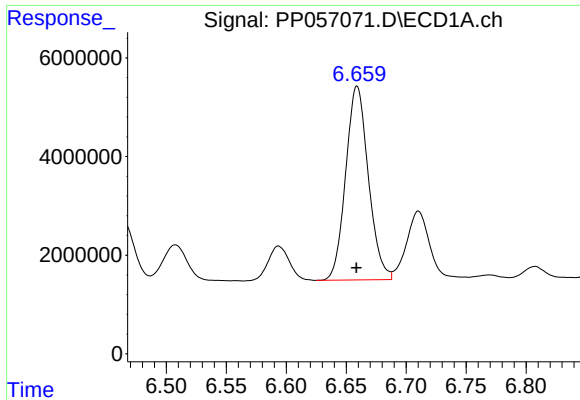
#26 AR-1254-1

R.T.: 6.439 min
Delta R.T.: 0.000 min
Response: 36285587
Conc: 480.47 ng/ml



#26 AR-1254-1

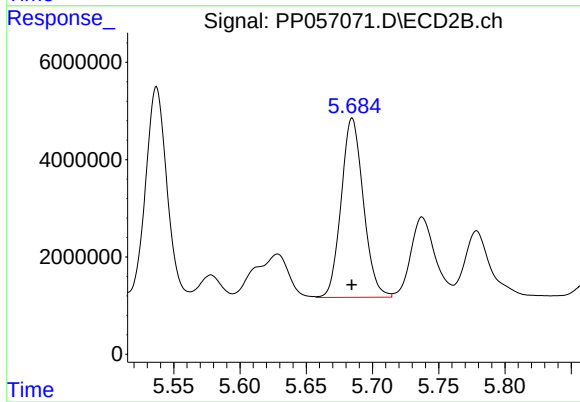
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 48415243
Conc: 480.44 ng/ml



#27 AR-1254-2

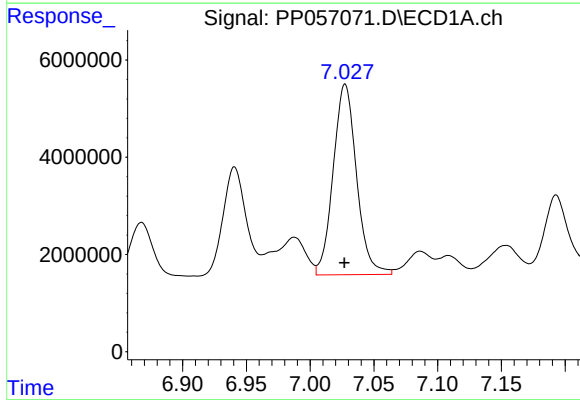
R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 51733978
Conc: 477.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



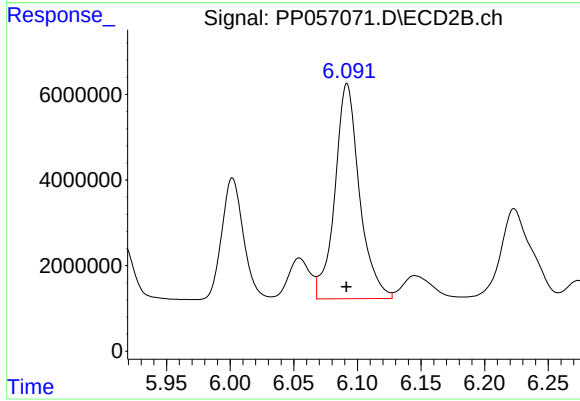
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 42907029
Conc: 480.18 ng/ml



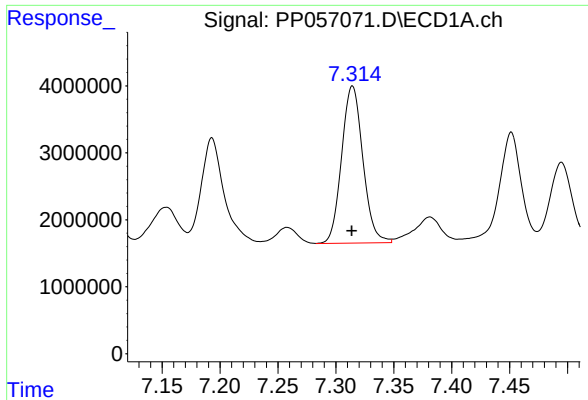
#28 AR-1254-3

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 50011255
Conc: 483.14 ng/ml



#28 AR-1254-3

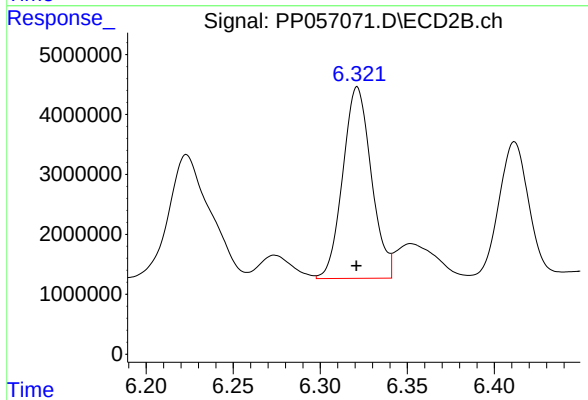
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 67635333
Conc: 482.75 ng/ml



#29 AR-1254-4

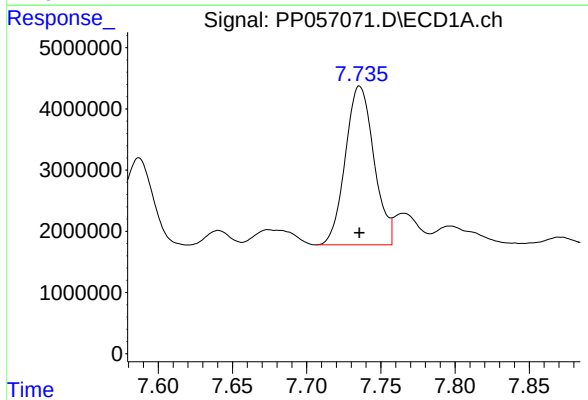
R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 29963257
Conc: 482.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



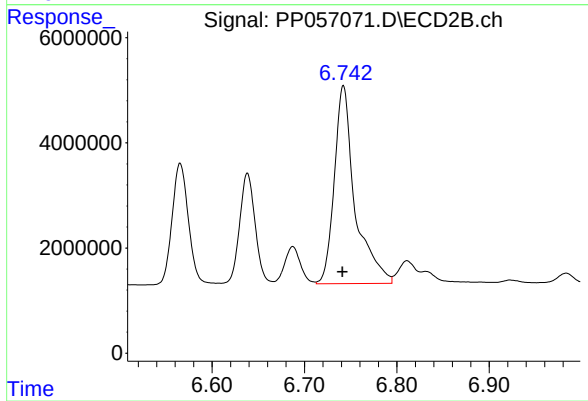
#29 AR-1254-4

R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 36413511
Conc: 483.31 ng/ml



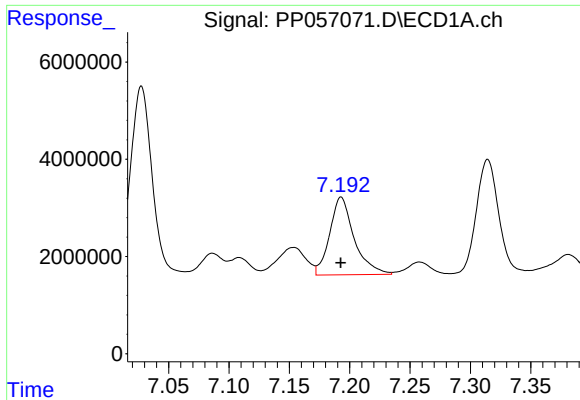
#30 AR-1254-5

R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 34785560
Conc: 482.92 ng/ml



#30 AR-1254-5

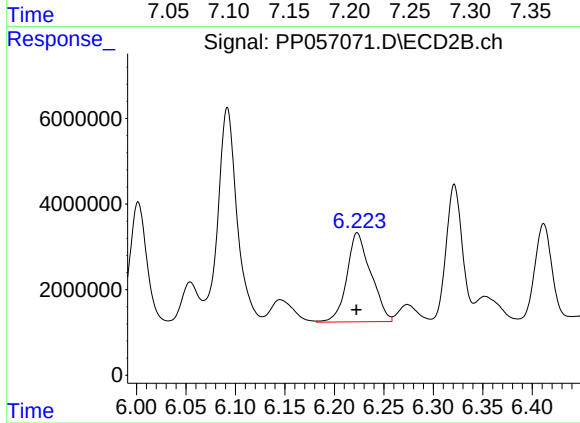
R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 58487759
Conc: 475.13 ng/ml



#31 AR-1260-1

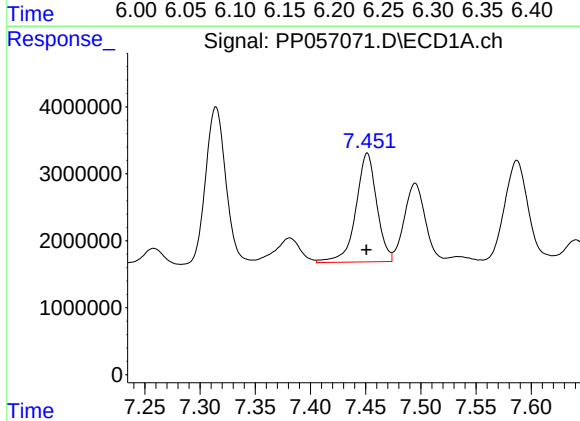
R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 22598533
Conc: 259.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



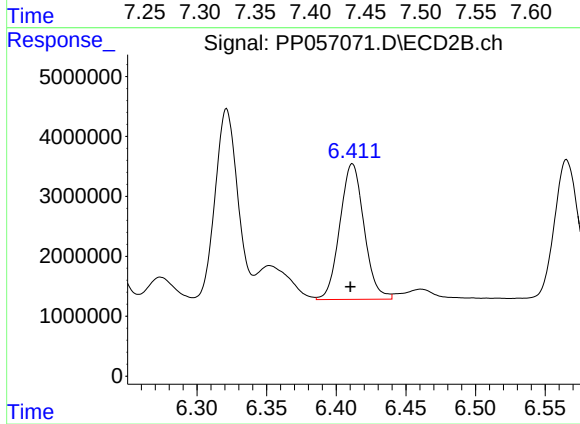
#31 AR-1260-1

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 35111052
Conc: 346.49 ng/ml



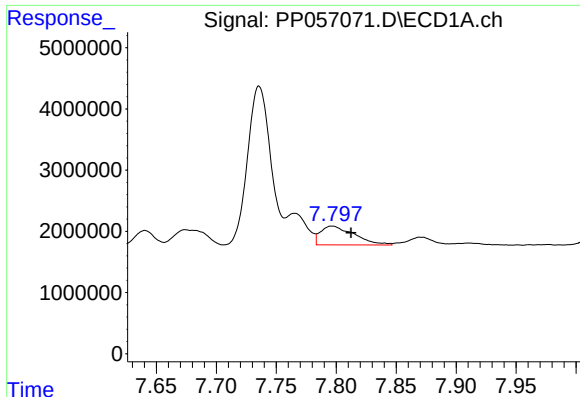
#32 AR-1260-2

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 21387659
Conc: 232.90 ng/ml



#32 AR-1260-2

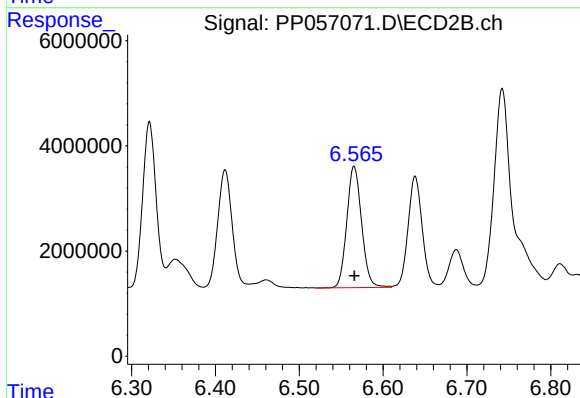
R.T.: 6.412 min
Delta R.T.: 0.001 min
Response: 27424346
Conc: 235.94 ng/ml



#33 AR-1260-3

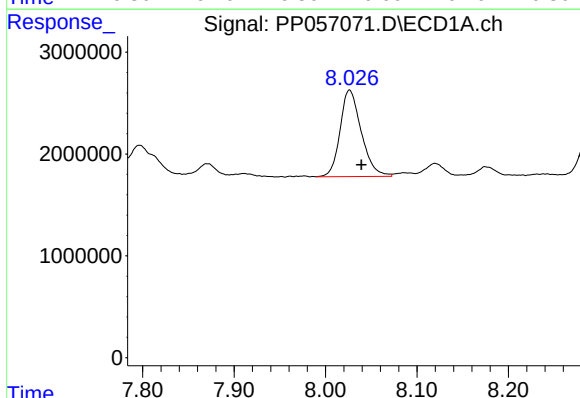
R.T.: 7.797 min
Delta R.T.: -0.016 min
Response: 6047583
Conc: 83.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



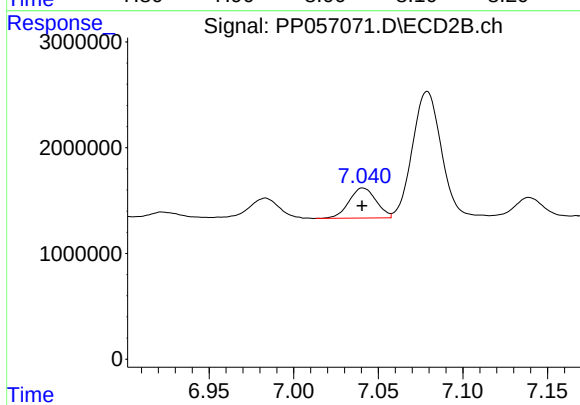
#33 AR-1260-3

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 28319180
Conc: 255.99 ng/ml



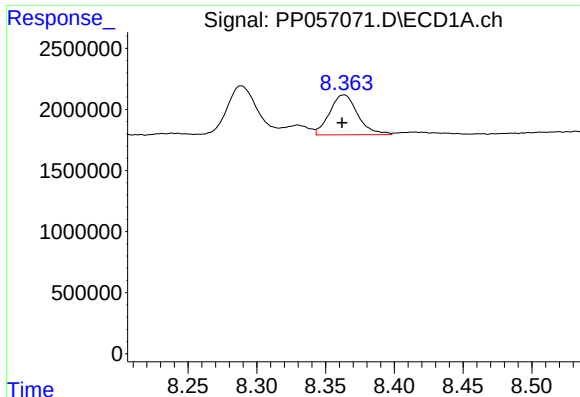
#34 AR-1260-4

R.T.: 8.026 min
Delta R.T.: -0.013 min
Response: 13698925
Conc: 163.02 ng/ml



#34 AR-1260-4

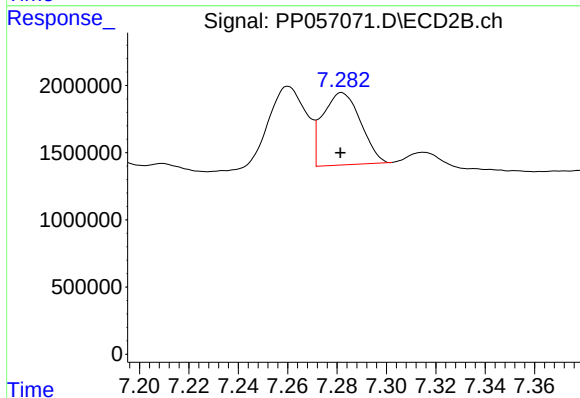
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 3176078
Conc: 34.67 ng/ml



#35 AR-1260-5

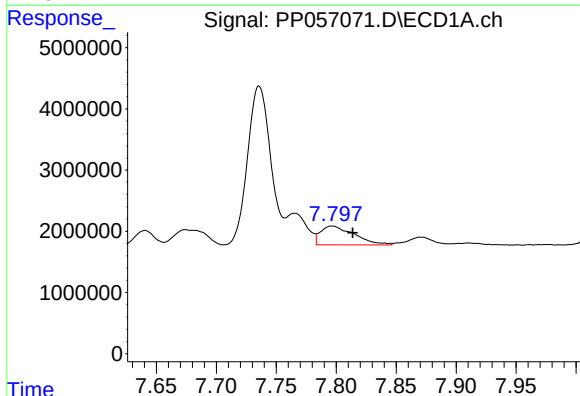
R.T.: 8.363 min
Delta R.T.: 0.001 min
Response: 4667496
Conc: 32.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



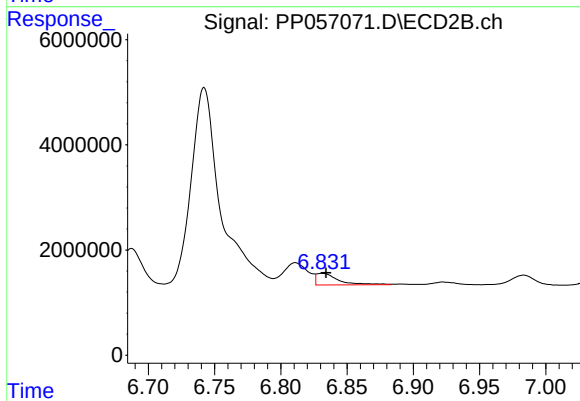
#35 AR-1260-5

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 5732318
Conc: 31.76 ng/ml



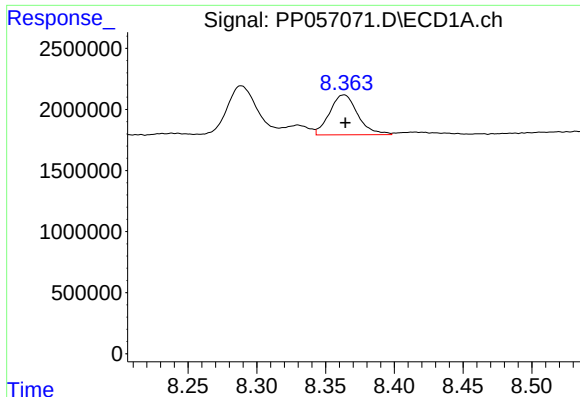
#36 AR-1262-1

R.T.: 7.797 min
Delta R.T.: -0.017 min
Response: 6047583
Conc: 59.91 ng/ml



#36 AR-1262-1

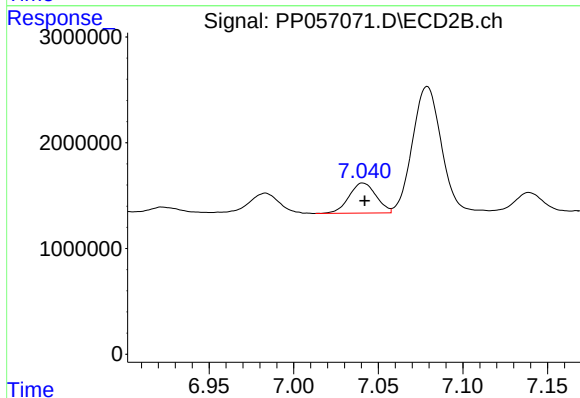
R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 2599591
Conc: 45.54 ng/ml



#37 AR-1262-2

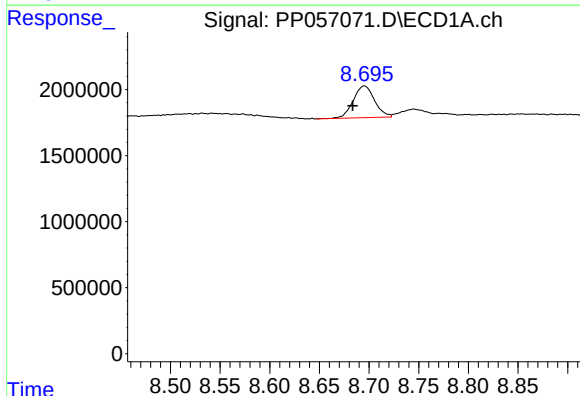
R.T.: 8.363 min
Delta R.T.: -0.001 min
Response: 4667496
Conc: 31.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



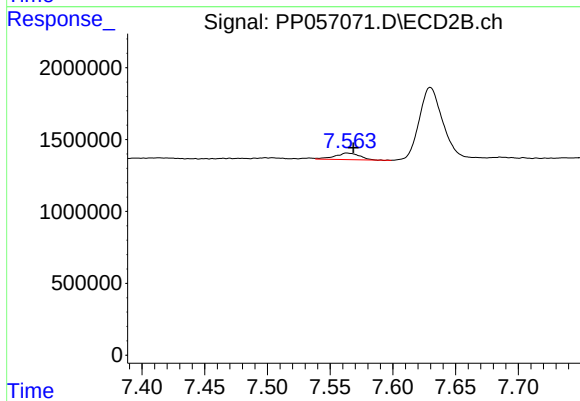
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 3176078
Conc: 27.34 ng/ml



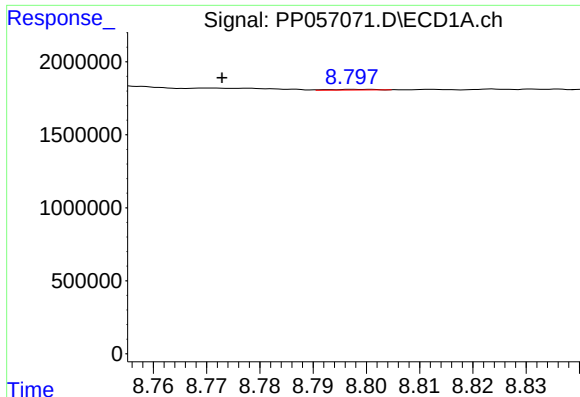
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: 0.012 min
Response: 3603983
Conc: 33.60 ng/ml



#38 AR-1262-3

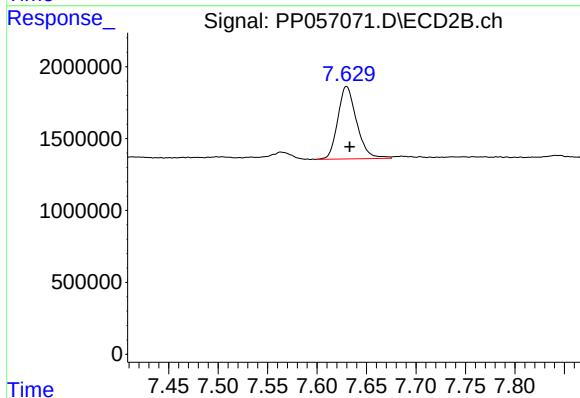
R.T.: 7.564 min
Delta R.T.: -0.005 min
Response: 638020
Conc: 7.04 ng/ml



#39 AR-1262-4

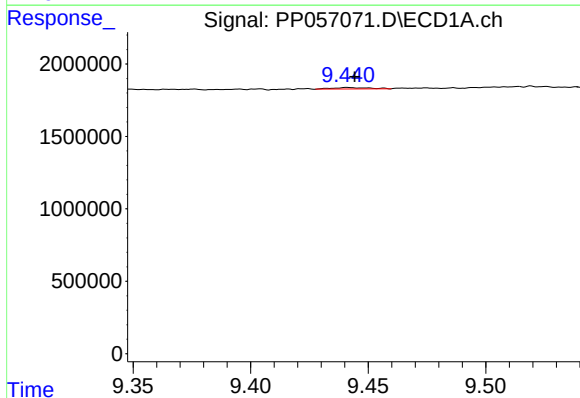
R.T.: 8.799 min
Delta R.T.: 0.026 min
Response: 29005
Conc: 0.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



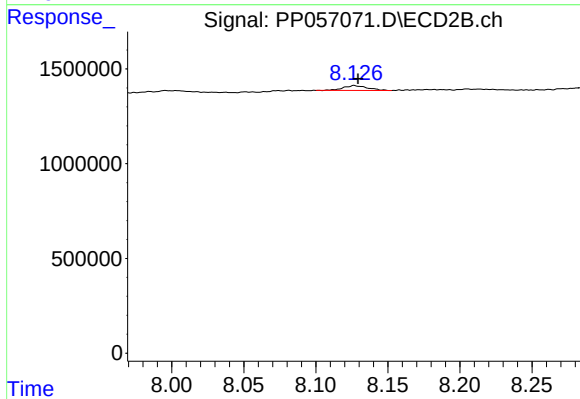
#39 AR-1262-4

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 6688928
Conc: 42.56 ng/ml



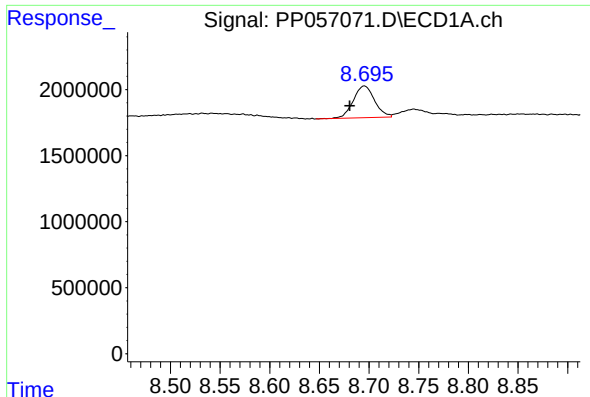
#40 AR-1262-5

R.T.: 9.441 min
Delta R.T.: -0.003 min
Response: 107504
Conc: 2.24 ng/ml



#40 AR-1262-5

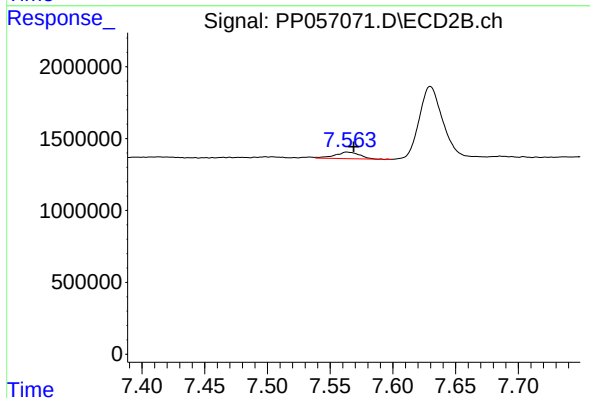
R.T.: 8.127 min
Delta R.T.: -0.003 min
Response: 297622
Conc: 4.35 ng/ml



#41 AR-1268-1

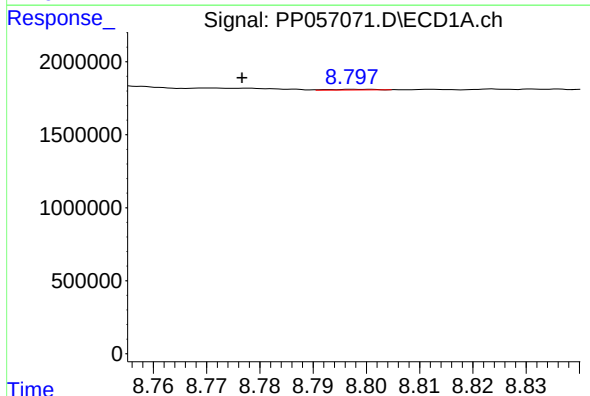
R.T.: 8.695 min
Delta R.T.: 0.015 min
Response: 3603983
Conc: 17.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



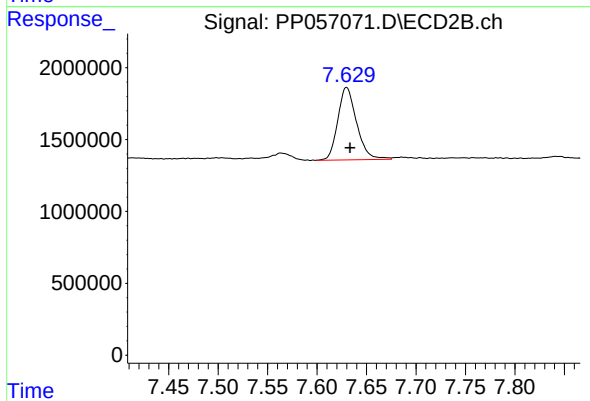
#41 AR-1268-1

R.T.: 7.564 min
Delta R.T.: -0.005 min
Response: 638020
Conc: 2.30 ng/ml



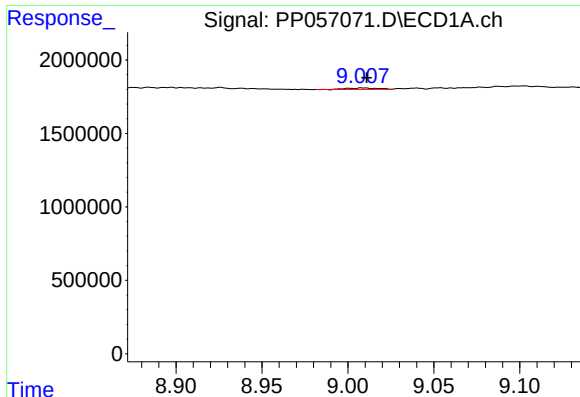
#42 AR-1268-2

R.T.: 8.799 min
Delta R.T.: 0.022 min
Response: 29005
Conc: 0.16 ng/ml



#42 AR-1268-2

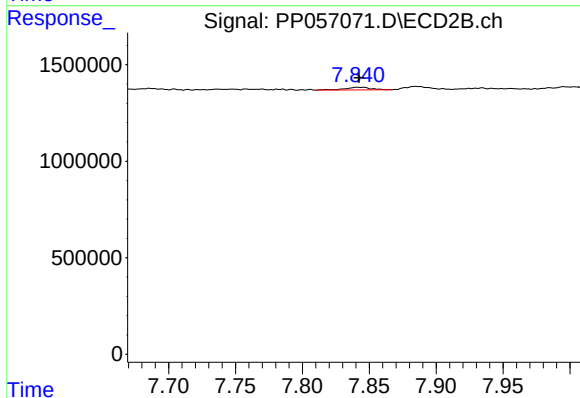
R.T.: 7.630 min
Delta R.T.: -0.004 min
Response: 6688928
Conc: 26.82 ng/ml



#43 AR-1268-3

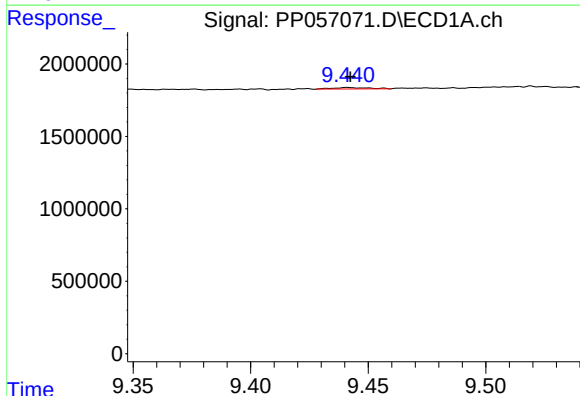
R.T.: 9.009 min
Delta R.T.: -0.002 min
Response: 112926
Conc: 0.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



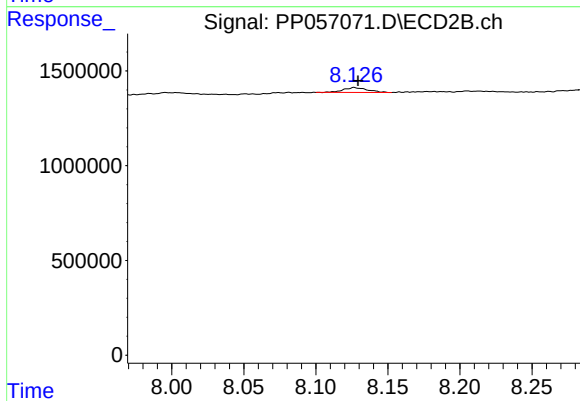
#43 AR-1268-3

R.T.: 7.841 min
Delta R.T.: 0.000 min
Response: 179981
Conc: 0.81 ng/ml



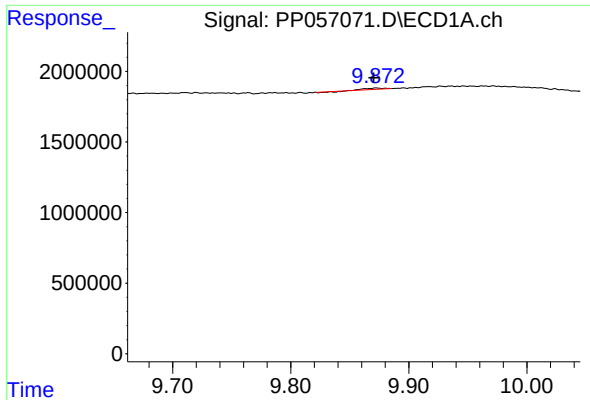
#44 AR-1268-4

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 107504
Conc: 1.90 ng/ml



#44 AR-1268-4

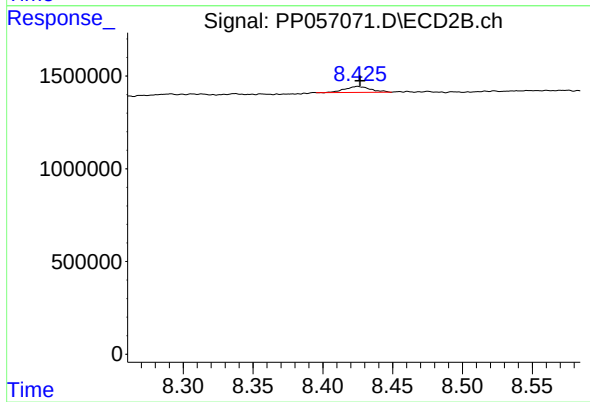
R.T.: 8.127 min
Delta R.T.: -0.002 min
Response: 297622
Conc: 3.72 ng/ml



#45 AR-1268-5

R.T.: 9.873 min
Delta R.T.: 0.002 min
Response: 48234
Conc: 0.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: -0.002 min
Response: 407432
Conc: 0.69 ng/ml