

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010523\
 Data File : PP054289.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2023 11:31
 Operator : YP\AJ
 Sample : 01012-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 06 03:32:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.339	3.588	46782549	31445535	23.102	19.495
2)	SA Decachlor...	10.103	8.612	29692534	31222282	20.674	22.133
Target Compounds							
3)	L1 AR-1016-1	5.493f	4.675	11791823	592276	159.571	11.383 #
4)	L1 AR-1016-2	0.000	4.675f	0	592276	N.D.	8.269 #
5)	L1 AR-1016-3	5.600	4.872	1347114	246072	19.691	6.273 #
6)	L1 AR-1016-4	5.694	4.912	540993	431005	10.391	12.524
7)	L1 AR-1016-5	5.989	5.126	251241	226505	5.549	5.152
8)	L2 AR-1221-1	4.545	0.000	1487853	0	61.880	N.D. #
9)	L2 AR-1221-2	4.645	3.869f	702335	1003112	39.642	68.032 #
10)	L2 AR-1221-3	4.726	3.963	1092615	469901	20.272	10.580 #
11)	L3 AR-1232-1	4.726	3.963	1092615	469901	24.290	12.626 #
12)	L3 AR-1232-2	5.243	4.675f	911337	592276	34.925	11.051 #
13)	L3 AR-1232-3	0.000	4.872	0	246072	N.D.	14.821 #
14)	L3 AR-1232-4	5.694	4.953	540993	422674	24.160	25.196
15)	L3 AR-1232-5	5.784	5.126	1361508	226505	76.506	12.545 #
16)	L4 AR-1242-1	5.493f	4.675	11791823	592276	198.592	14.029 #
17)	L4 AR-1242-2	0.000	4.675f	0	592276	N.D.	10.173 #
18)	L4 AR-1242-3	5.600	4.872	1347114	246072	24.655	7.694 #
19)	L4 AR-1242-4	5.694	4.953	540993	422674	12.908	12.116
20)	L4 AR-1242-5	6.444	5.485	286042	2587468	8.714	68.771 #
21)	L5 AR-1248-1	5.493f	4.675	11791823	592276	262.644	18.208 #
22)	L5 AR-1248-2	5.784	4.912	1361508	431005	21.428	8.728 #
23)	L5 AR-1248-3	5.989	4.953	251241	422674	4.239	8.191 #
24)	L5 AR-1248-4	6.372f	5.126	2506886	226505	43.276	3.838 #
25)	L5 AR-1248-5	6.444	5.522	286042	1121570	5.155	22.615 #
26)	L6 AR-1254-1	6.372	5.485	2506886	2587468	40.346	30.173 #
27)	L6 AR-1254-2	6.591	5.628	1271108	1223952	13.545	16.475
28)	L6 AR-1254-3	6.959	6.033	1020842	2527660	10.754	21.777 #
29)	L6 AR-1254-4	7.246	6.266	761064	1226534	11.219	19.484 #
30)	L6 AR-1254-5	7.650	6.686	5312318	9153327	69.882	95.728 #
31)	L7 AR-1260-1	7.122	6.165	588435	893867	7.548	10.552 #
32)	L7 AR-1260-2	7.379	6.351	867947	1222261	9.690	12.780 #
33)	L7 AR-1260-3	7.742	6.507	326348	479917	4.776	5.250
34)	L7 AR-1260-4	7.971	6.980	654422	305868	8.214	4.035 #
35)	L7 AR-1260-5	8.282	7.203f	600605	1790472	4.188	11.303 #
36)	L8 AR-1262-1	7.742	6.776	326348	264077	3.879	6.468 #
37)	L8 AR-1262-2	8.282	6.980	600605	305868	4.244	3.533
38)	L8 AR-1262-3	8.617f	0.000	57793	0	0.558	N.D. #
39)	L8 AR-1262-4	8.682	7.544f	417439	3233548	8.246	27.632 #
40)	L8 AR-1262-5	9.349	8.073	493656	-68241	8.788	N.D. #
41)	L9 AR-1268-1	8.617f	0.000	57793	0	0.296	N.D. #

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 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	8.682	7.544f	417439	3233548	2.365	17.552 #
44) L9	AR-1268-4	9.349	8.073	493656	-68241	7.215	N.D. #
45) L9	AR-1268-5	9.753	8.354	374032	102540	0.734	0.210 #

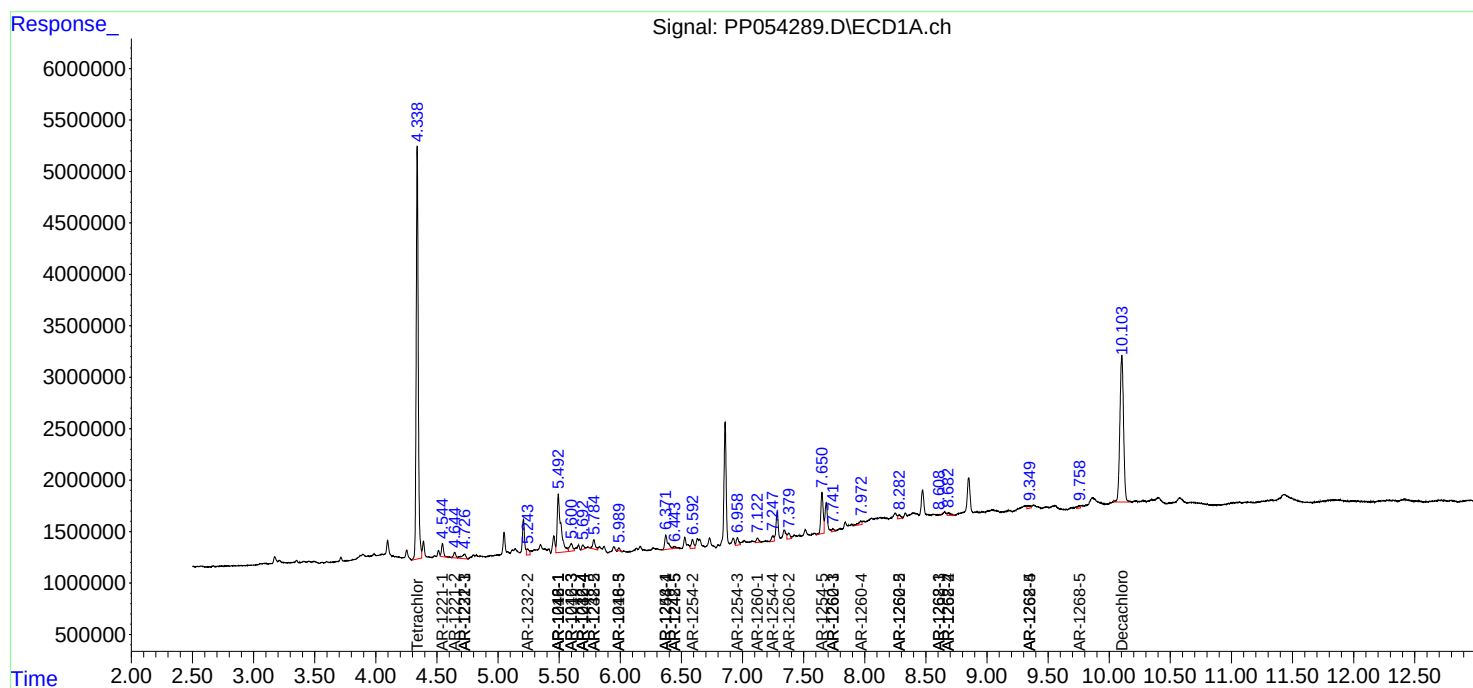
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

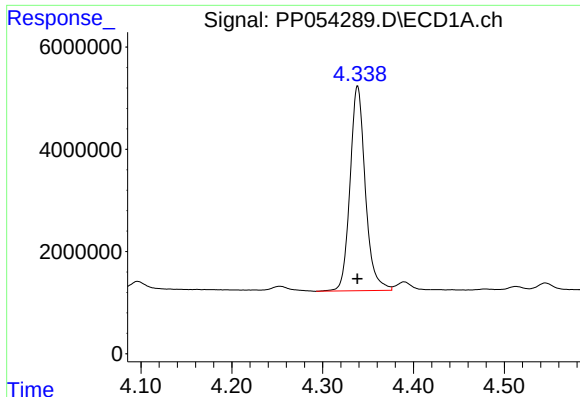
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP010523\
Data File : PP054289.D
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Misc :
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

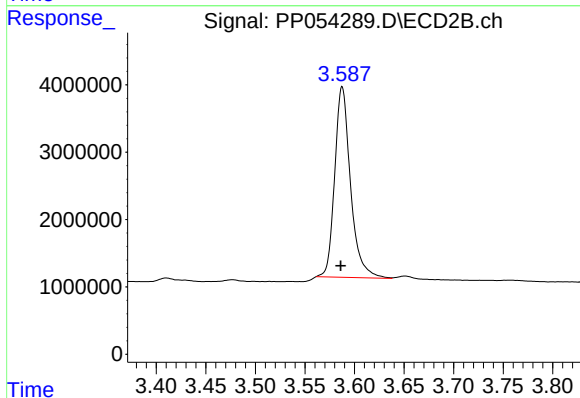




#1 Tetrachloro-m-xylene

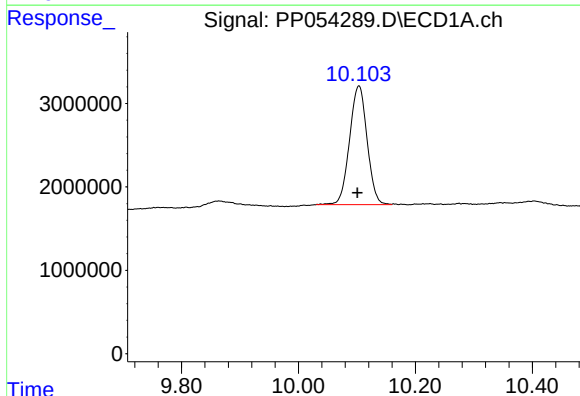
R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 46782549
Conc: 23.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



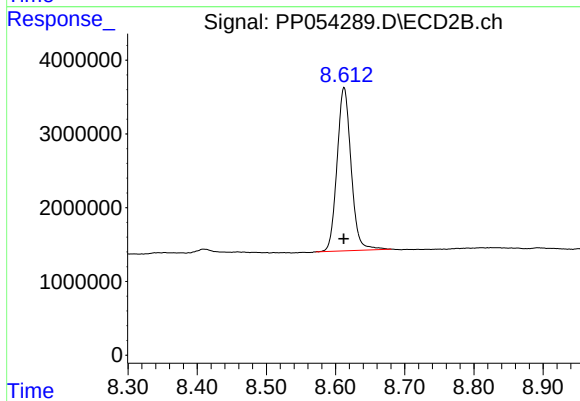
#1 Tetrachloro-m-xylene

R.T.: 3.588 min
Delta R.T.: 0.002 min
Response: 31445535
Conc: 19.50 ng/ml



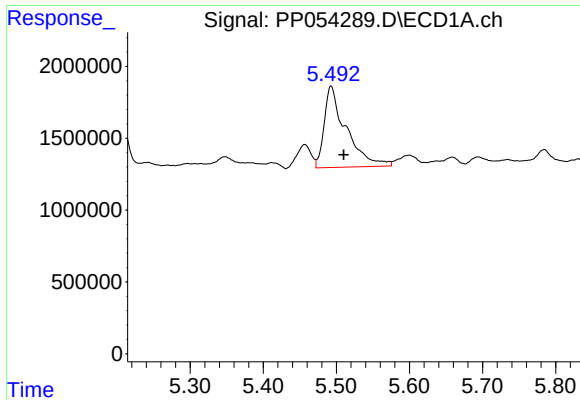
#2 Decachlorobiphenyl

R.T.: 10.103 min
Delta R.T.: 0.002 min
Response: 29692534
Conc: 20.67 ng/ml



#2 Decachlorobiphenyl

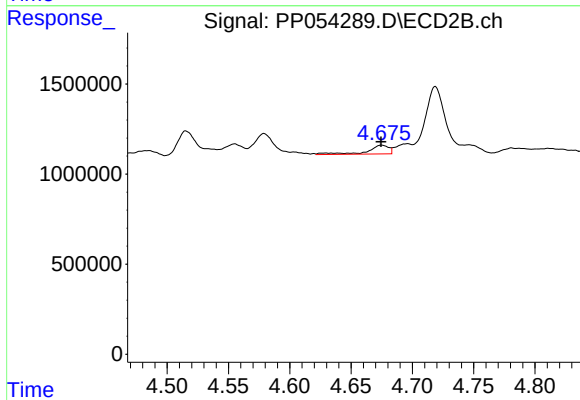
R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 31222282
Conc: 22.13 ng/ml



#3 AR-1016-1

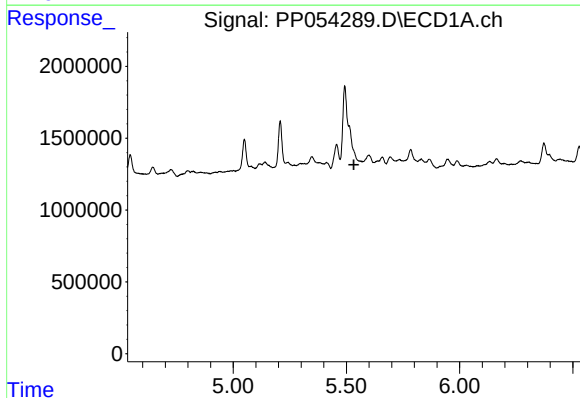
R.T.: 5.493 min
Delta R.T.: -0.017 min
Response: 11791823
Conc: 159.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



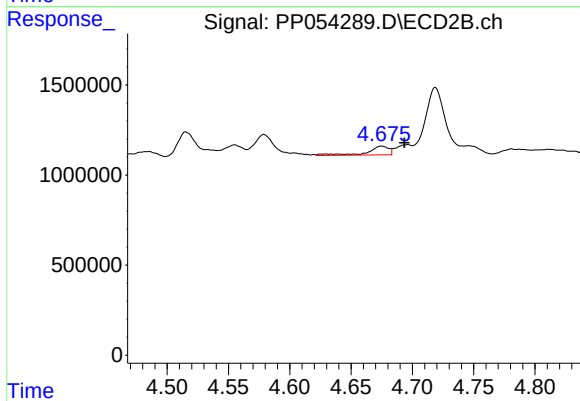
#3 AR-1016-1

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 592276
Conc: 11.38 ng/ml



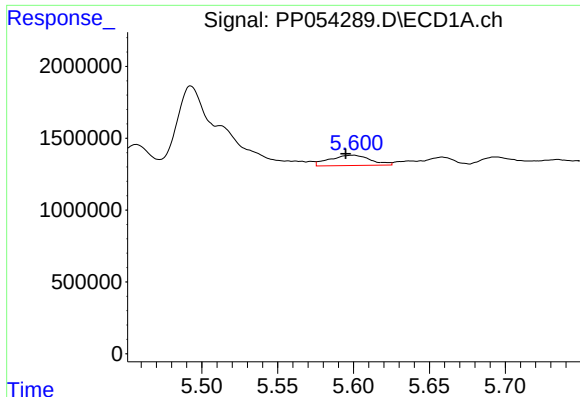
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



#4 AR-1016-2

R.T.: 4.675 min
Delta R.T.: -0.018 min
Response: 592276
Conc: 8.27 ng/ml



#5 AR-1016-3

R.T.: 5.600 min
Delta R.T.: 0.005 min
Response: 1347114
Conc: 19.69 ng/ml

Instrument :
ECD_P
ClientSampleId :

#5 AR-1016-3

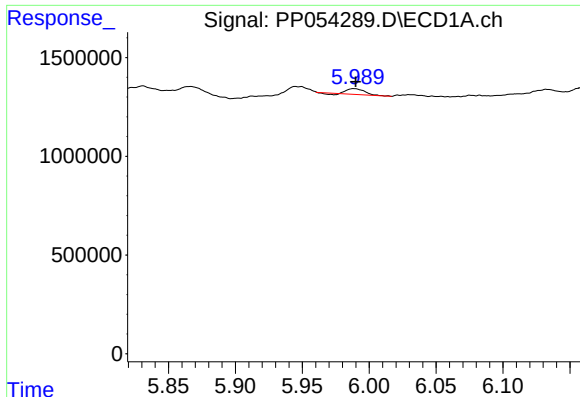
R.T.: 4.872 min
Delta R.T.: 0.002 min
Response: 246072
Conc: 6.27 ng/ml

#6 AR-1016-4

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 540993
Conc: 10.39 ng/ml

#6 AR-1016-4

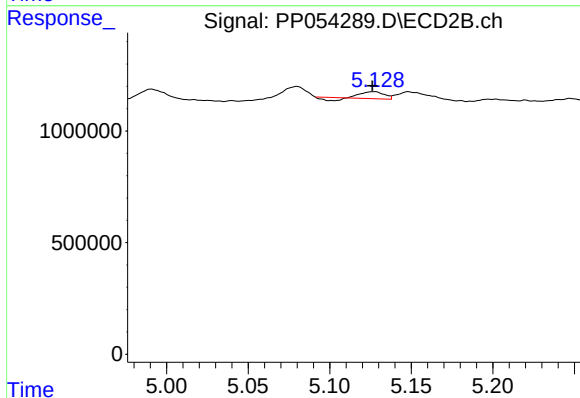
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 431005
Conc: 12.52 ng/ml



#7 AR-1016-5

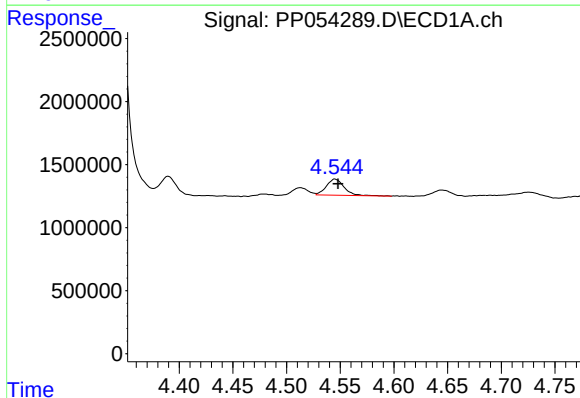
R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 251241
Conc: 5.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



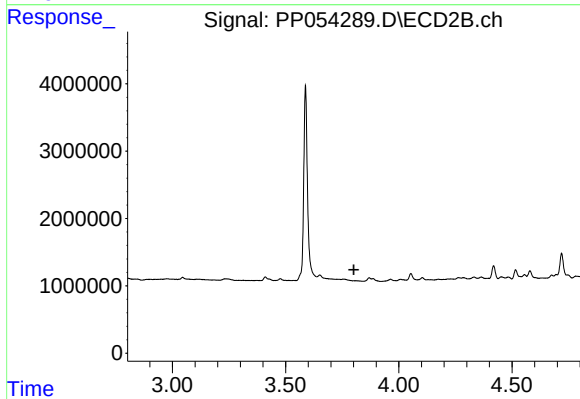
#7 AR-1016-5

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 226505
Conc: 5.15 ng/ml



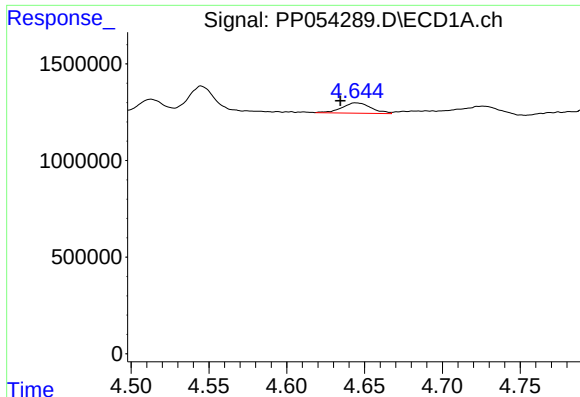
#8 AR-1221-1

R.T.: 4.545 min
Delta R.T.: -0.003 min
Response: 1487853
Conc: 61.88 ng/ml



#8 AR-1221-1

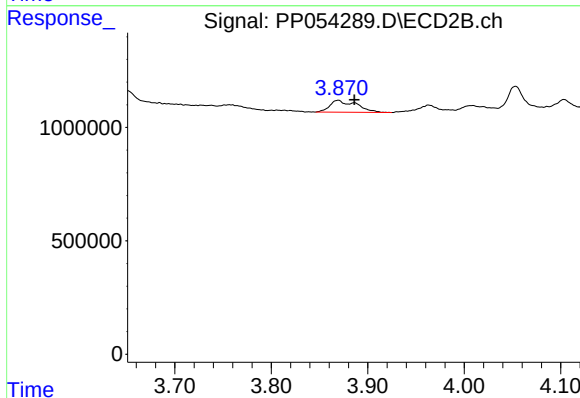
R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#9 AR-1221-2

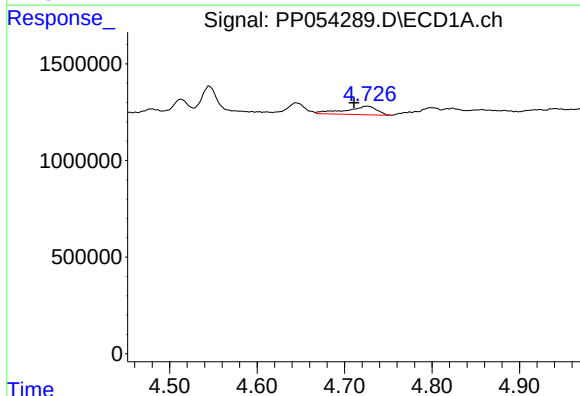
R.T.: 4.645 min
Delta R.T.: 0.010 min
Response: 702335
Conc: 39.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



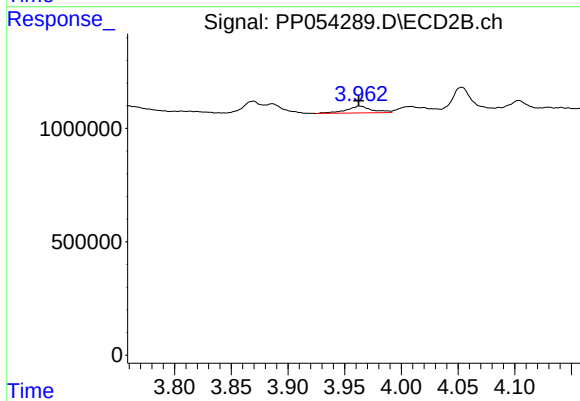
#9 AR-1221-2

R.T.: 3.869 min
Delta R.T.: -0.017 min
Response: 1003112
Conc: 68.03 ng/ml



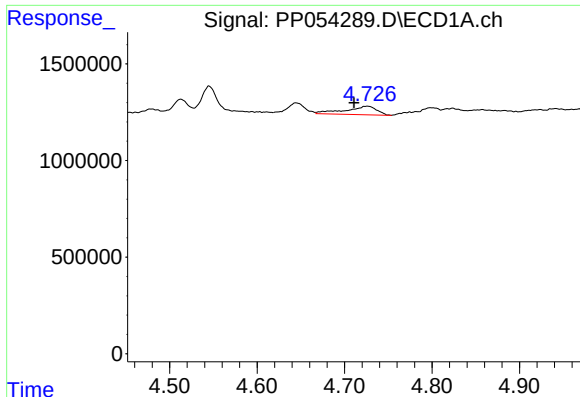
#10 AR-1221-3

R.T.: 4.726 min
Delta R.T.: 0.015 min
Response: 1092615
Conc: 20.27 ng/ml



#10 AR-1221-3

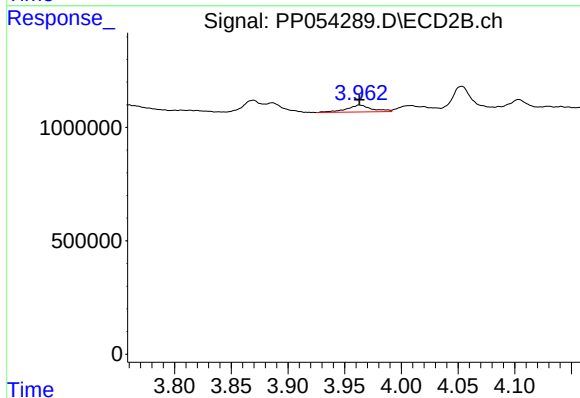
R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 469901
Conc: 10.58 ng/ml



#11 AR-1232-1

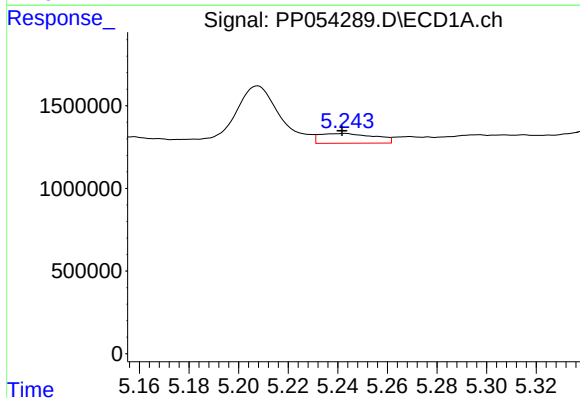
R.T.: 4.726 min
Delta R.T.: 0.015 min
Response: 1092615
Conc: 24.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



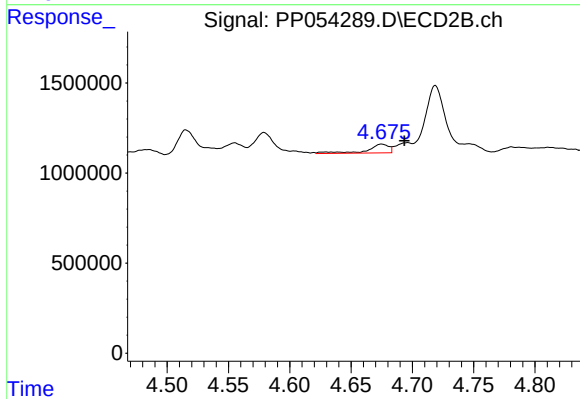
#11 AR-1232-1

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 469901
Conc: 12.63 ng/ml



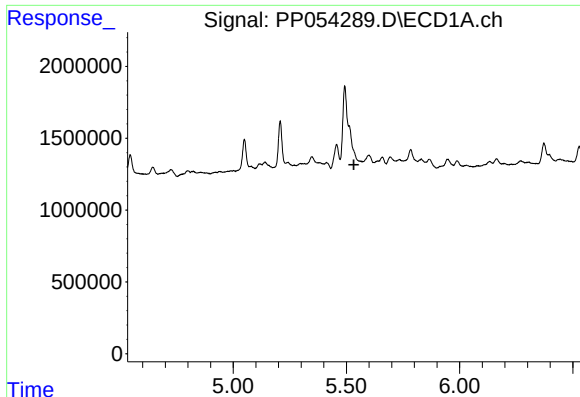
#12 AR-1232-2

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 911337
Conc: 34.92 ng/ml



#12 AR-1232-2

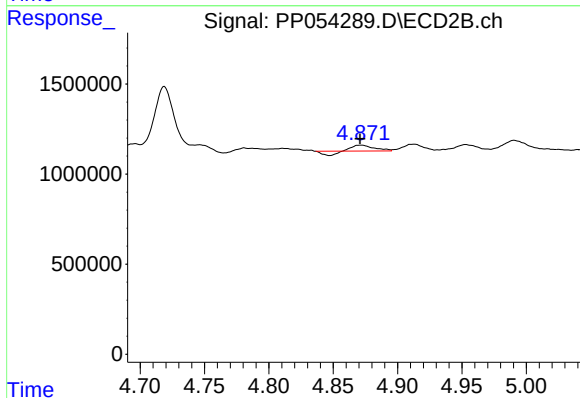
R.T.: 4.675 min
Delta R.T.: -0.018 min
Response: 592276
Conc: 11.05 ng/ml



#13 AR-1232-3

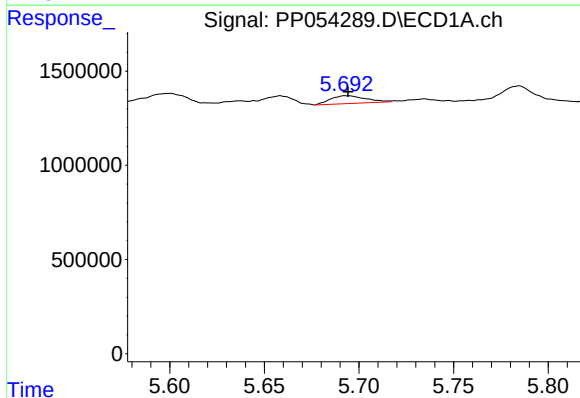
R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



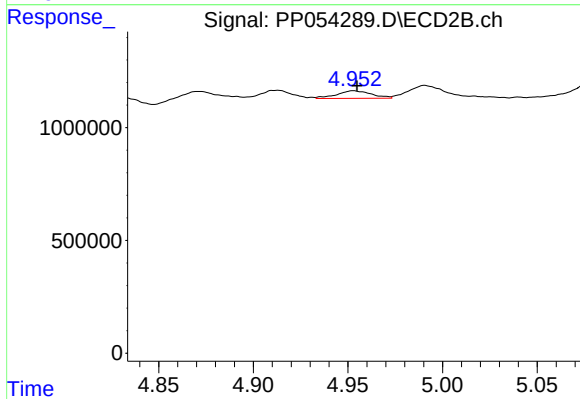
#13 AR-1232-3

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 246072
Conc: 14.82 ng/ml



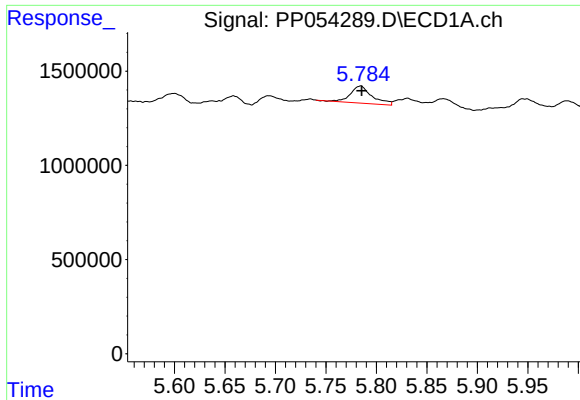
#14 AR-1232-4

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 540993
Conc: 24.16 ng/ml



#14 AR-1232-4

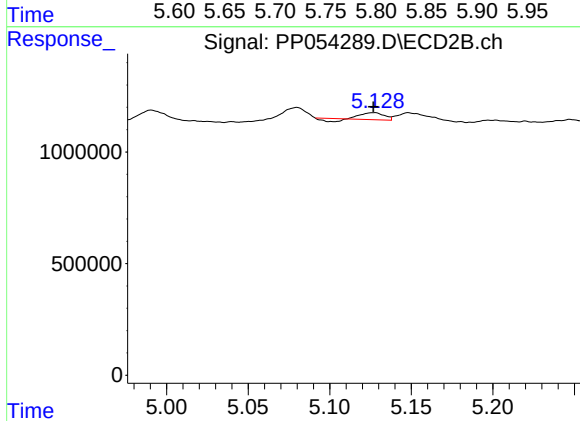
R.T.: 4.953 min
Delta R.T.: -0.001 min
Response: 422674
Conc: 25.20 ng/ml



#15 AR-1232-5

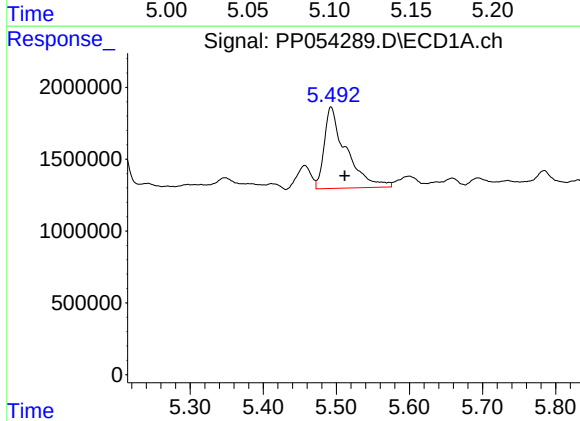
R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 1361508
Conc: 76.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



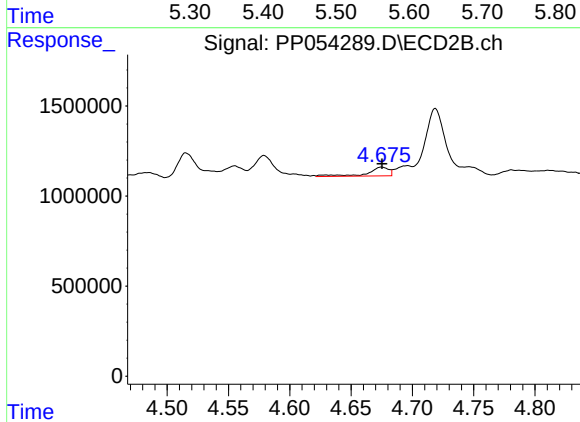
#15 AR-1232-5

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 226505
Conc: 12.55 ng/ml



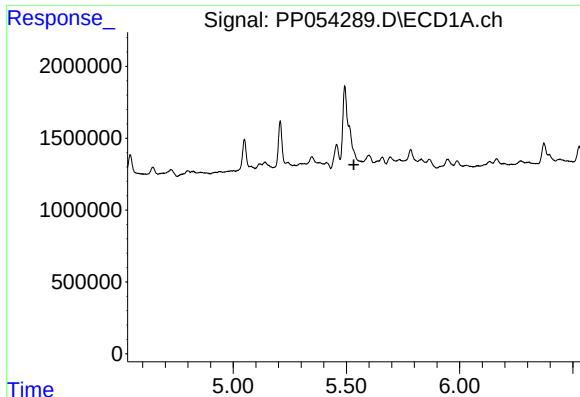
#16 AR-1242-1

R.T.: 5.493 min
Delta R.T.: -0.018 min
Response: 11791823
Conc: 198.59 ng/ml



#16 AR-1242-1

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 592276
Conc: 14.03 ng/ml



#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :

#17 AR-1242-2

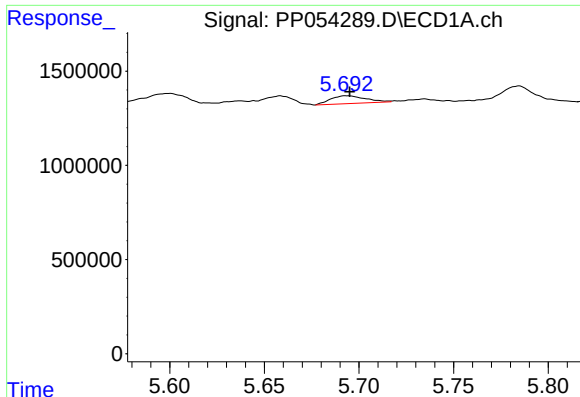
R.T.: 4.675 min
Delta R.T.: -0.019 min
Response: 592276
Conc: 10.17 ng/ml

#18 AR-1242-3

R.T.: 5.600 min
Delta R.T.: 0.003 min
Response: 1347114
Conc: 24.66 ng/ml

#18 AR-1242-3

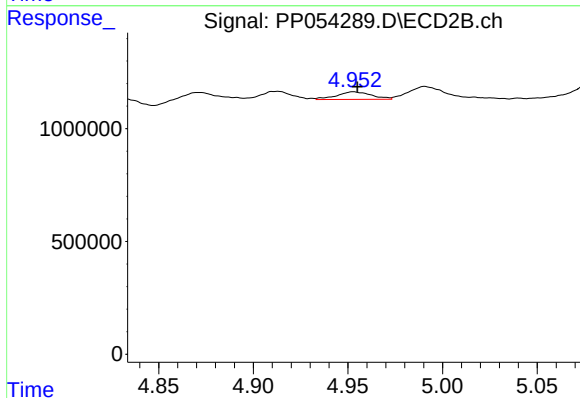
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 246072
Conc: 7.69 ng/ml



#19 AR-1242-4

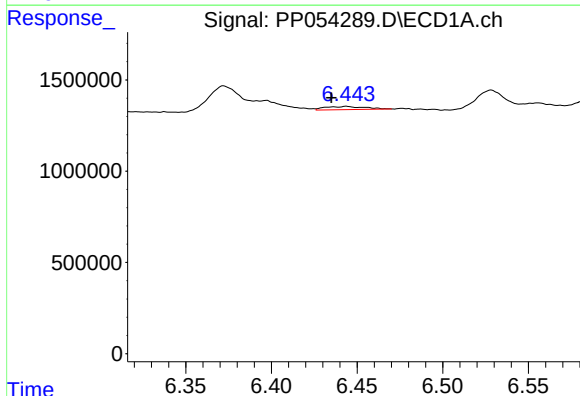
R.T.: 5.694 min
Delta R.T.: -0.001 min
Response: 540993
Conc: 12.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



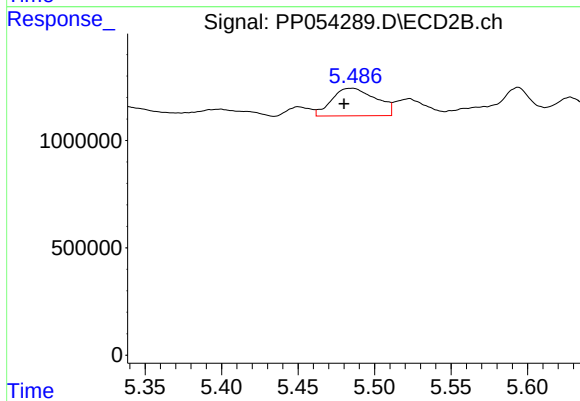
#19 AR-1242-4

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 422674
Conc: 12.12 ng/ml



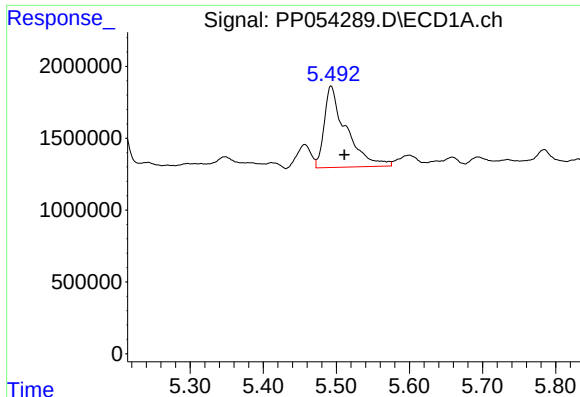
#20 AR-1242-5

R.T.: 6.444 min
Delta R.T.: 0.009 min
Response: 286042
Conc: 8.71 ng/ml



#20 AR-1242-5

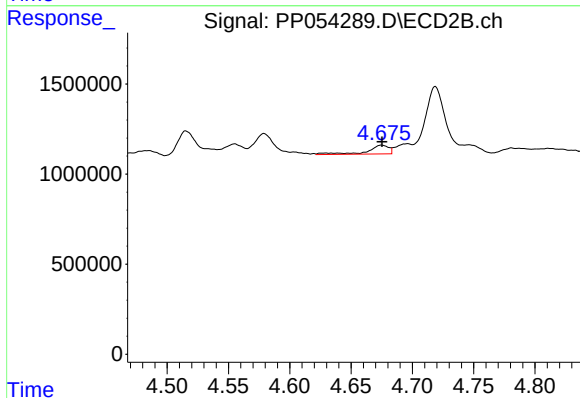
R.T.: 5.485 min
Delta R.T.: 0.005 min
Response: 2587468
Conc: 68.77 ng/ml



#21 AR-1248-1

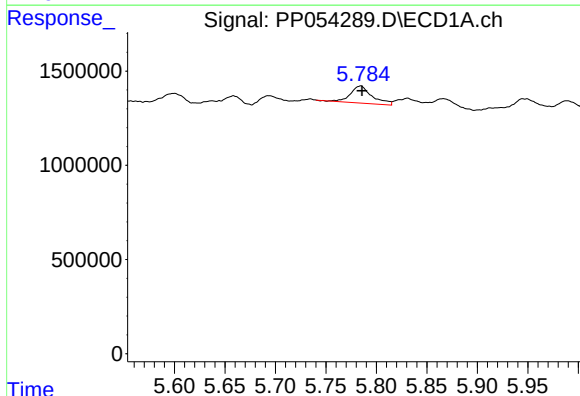
R.T.: 5.493 min
Delta R.T.: -0.018 min
Response: 11791823
Conc: 262.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



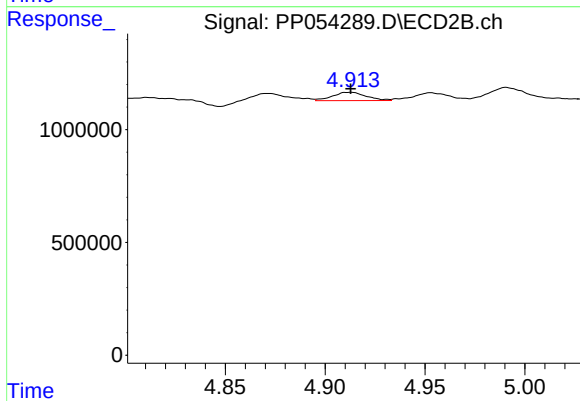
#21 AR-1248-1

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 592276
Conc: 18.21 ng/ml



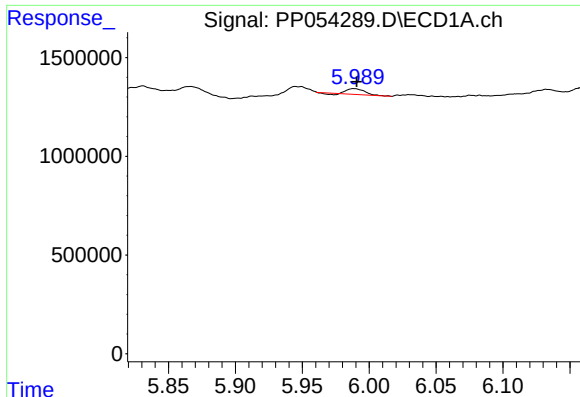
#22 AR-1248-2

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 1361508
Conc: 21.43 ng/ml



#22 AR-1248-2

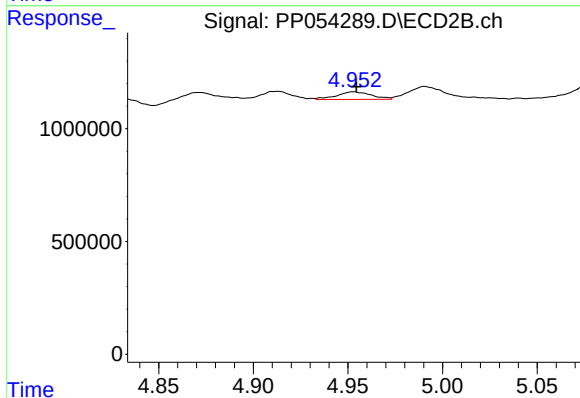
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 431005
Conc: 8.73 ng/ml



#23 AR-1248-3

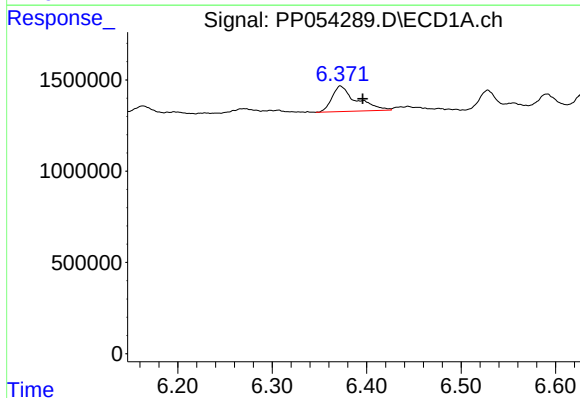
R.T.: 5.989 min
Delta R.T.: -0.002 min
Response: 251241
Conc: 4.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



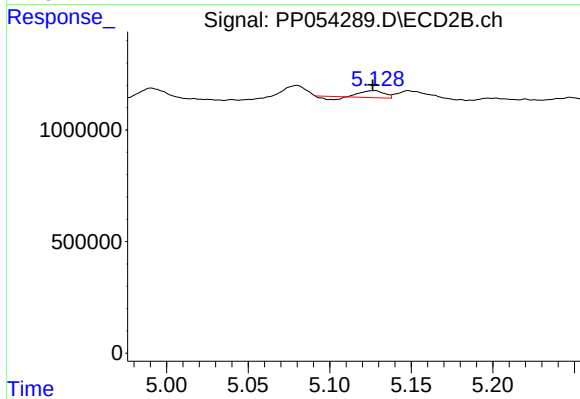
#23 AR-1248-3

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 422674
Conc: 8.19 ng/ml



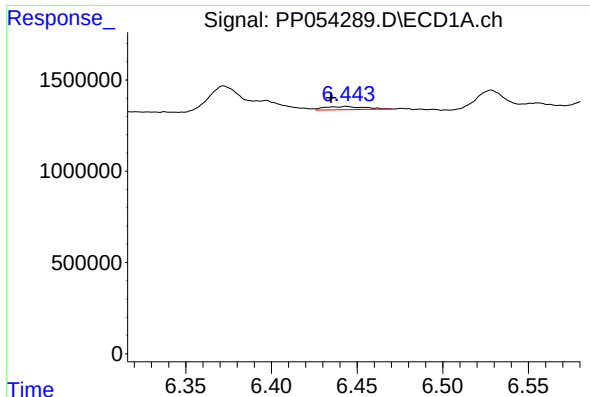
#24 AR-1248-4

R.T.: 6.372 min
Delta R.T.: -0.024 min
Response: 2506886
Conc: 43.28 ng/ml



#24 AR-1248-4

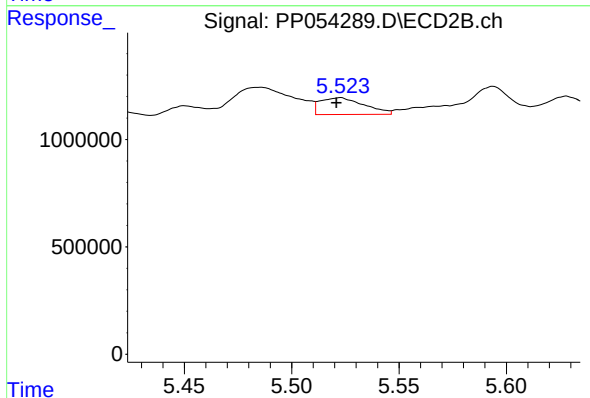
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 226505
Conc: 3.84 ng/ml



#25 AR-1248-5

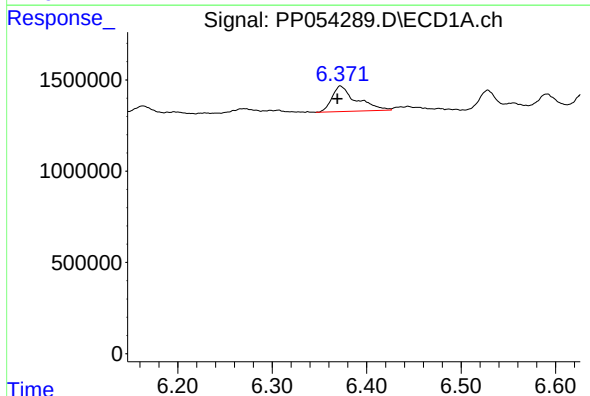
R.T.: 6.444 min
Delta R.T.: 0.009 min
Response: 286042
Conc: 5.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



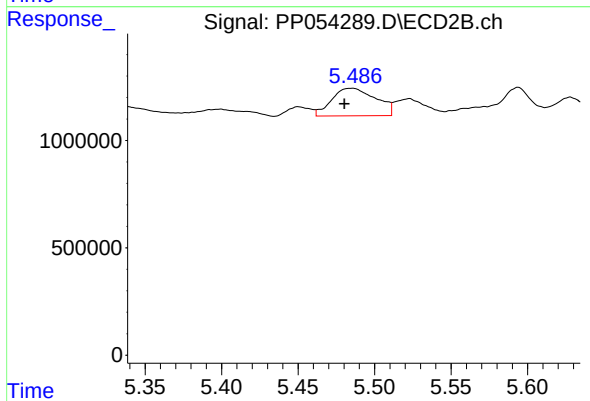
#25 AR-1248-5

R.T.: 5.522 min
Delta R.T.: 0.001 min
Response: 1121570
Conc: 22.61 ng/ml



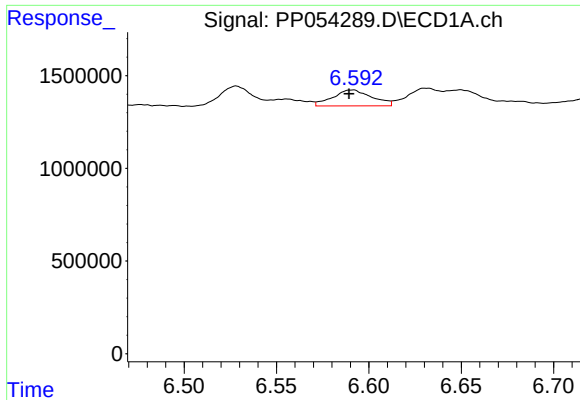
#26 AR-1254-1

R.T.: 6.372 min
Delta R.T.: 0.003 min
Response: 2506886
Conc: 40.35 ng/ml



#26 AR-1254-1

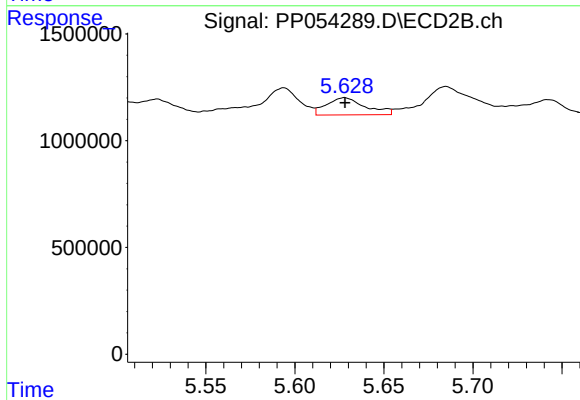
R.T.: 5.485 min
Delta R.T.: 0.004 min
Response: 2587468
Conc: 30.17 ng/ml



#27 AR-1254-2

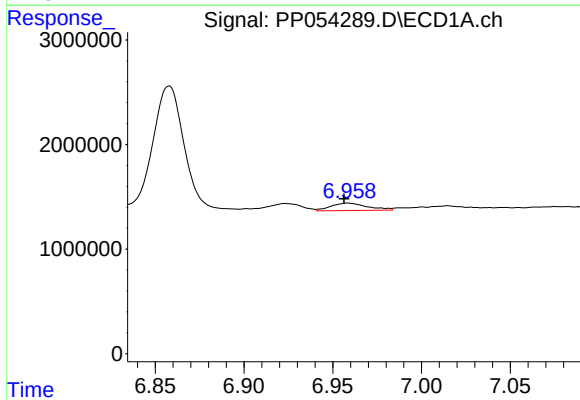
R.T.: 6.591 min
Delta R.T.: 0.002 min
Response: 1271108
Conc: 13.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



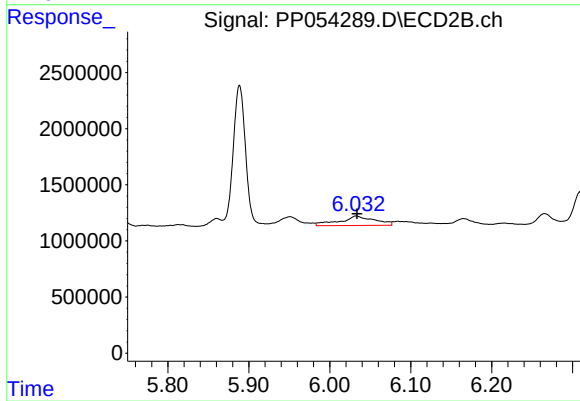
#27 AR-1254-2

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 1223952
Conc: 16.48 ng/ml



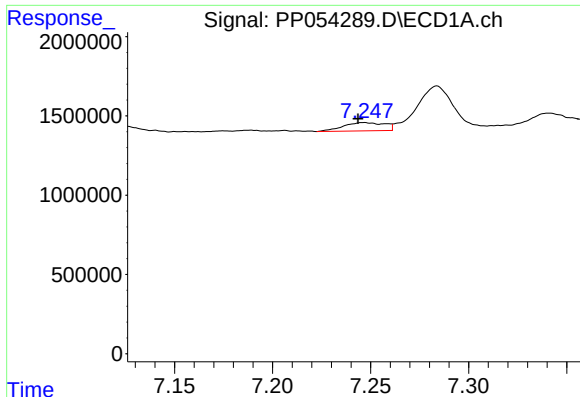
#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: 0.002 min
Response: 1020842
Conc: 10.75 ng/ml



#28 AR-1254-3

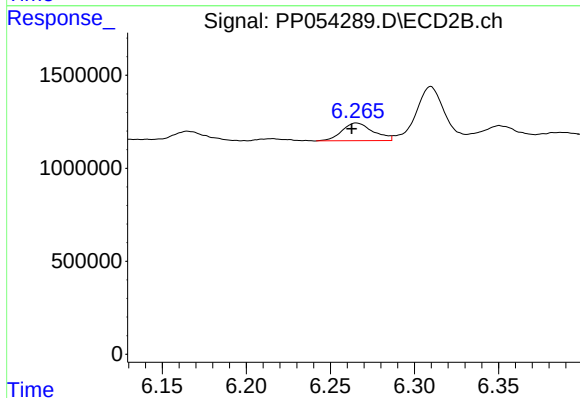
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 2527660
Conc: 21.78 ng/ml



#29 AR-1254-4

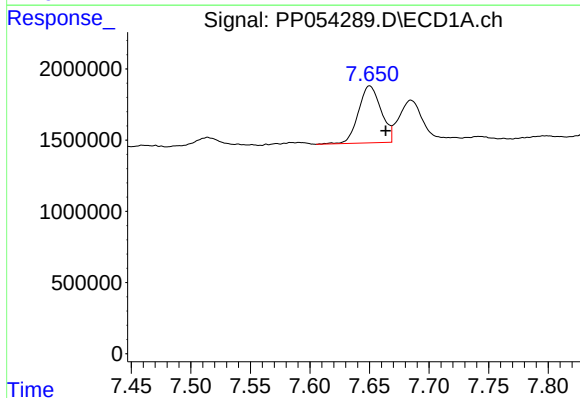
R.T.: 7.246 min
Delta R.T.: 0.003 min
Response: 761064
Conc: 11.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



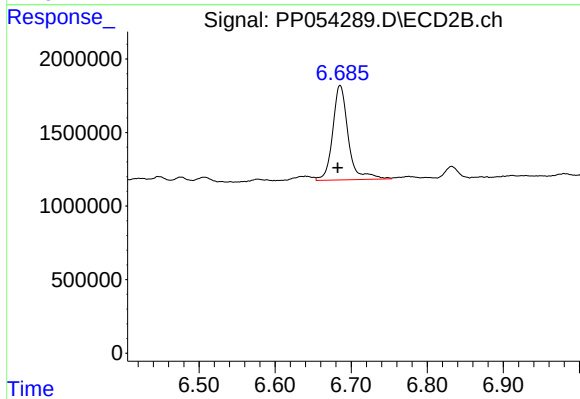
#29 AR-1254-4

R.T.: 6.266 min
Delta R.T.: 0.003 min
Response: 1226534
Conc: 19.48 ng/ml



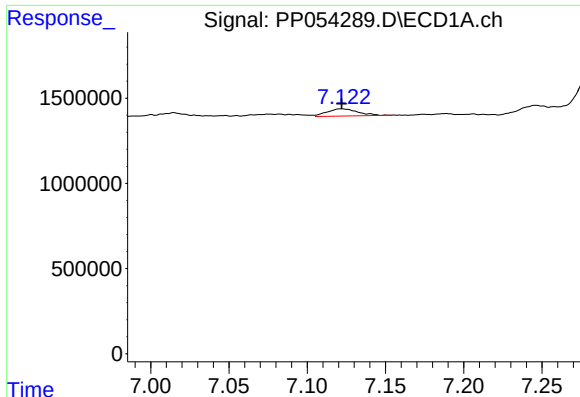
#30 AR-1254-5

R.T.: 7.650 min
Delta R.T.: -0.014 min
Response: 5312318
Conc: 69.88 ng/ml



#30 AR-1254-5

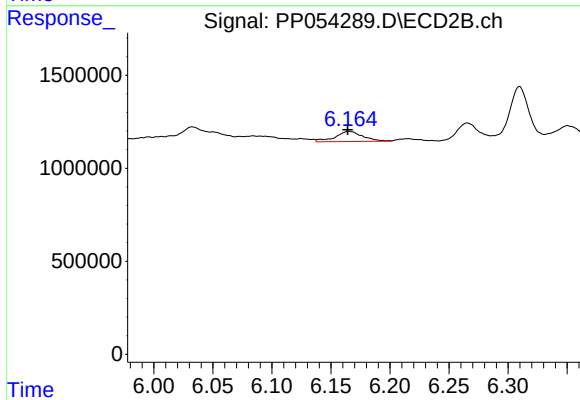
R.T.: 6.686 min
Delta R.T.: 0.003 min
Response: 9153327
Conc: 95.73 ng/ml



#31 AR-1260-1

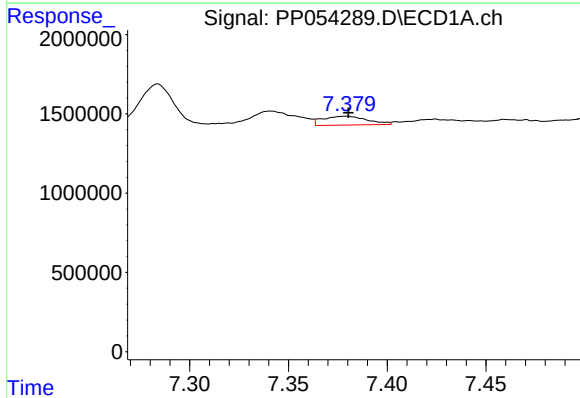
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 588435
Conc: 7.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



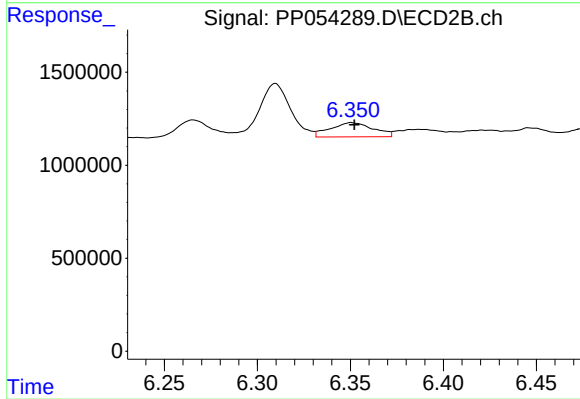
#31 AR-1260-1

R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 893867
Conc: 10.55 ng/ml



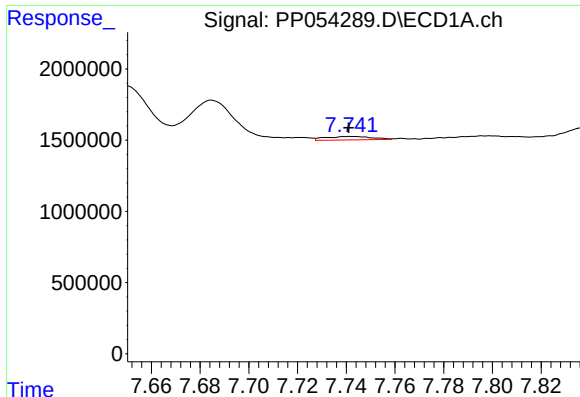
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.001 min
Response: 867947
Conc: 9.69 ng/ml



#32 AR-1260-2

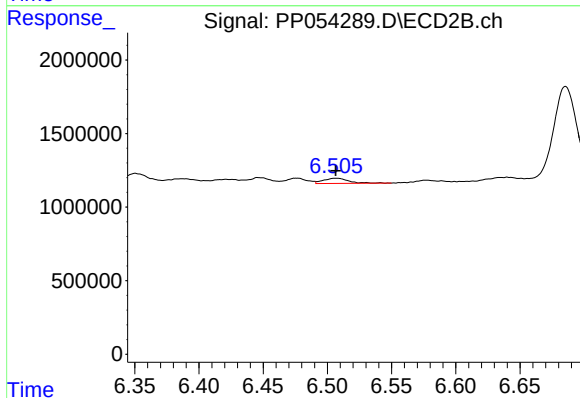
R.T.: 6.351 min
Delta R.T.: -0.001 min
Response: 1222261
Conc: 12.78 ng/ml



#33 AR-1260-3

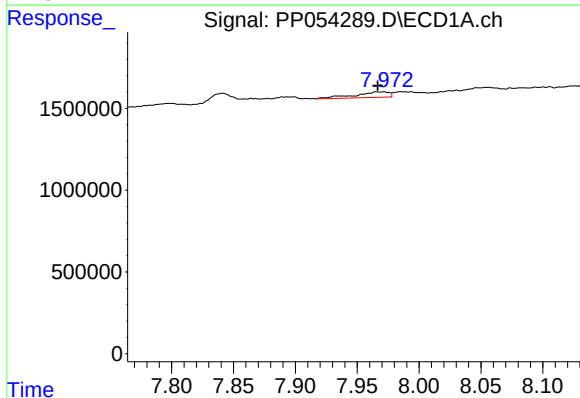
R.T.: 7.742 min
Delta R.T.: 0.000 min
Response: 326348
Conc: 4.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



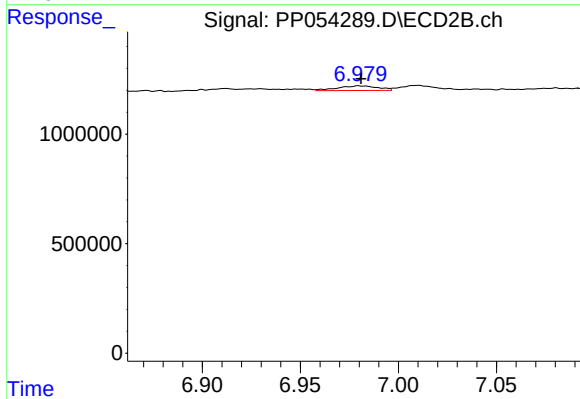
#33 AR-1260-3

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 479917
Conc: 5.25 ng/ml



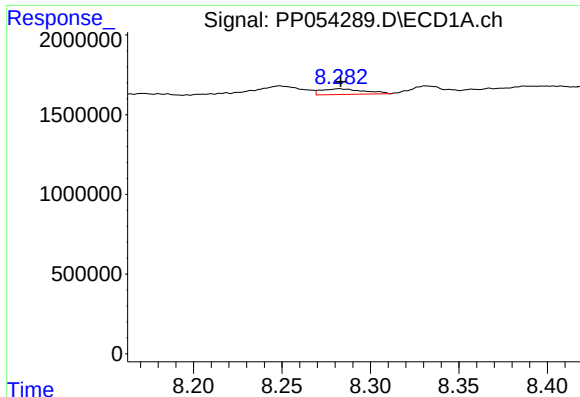
#34 AR-1260-4

R.T.: 7.971 min
Delta R.T.: 0.005 min
Response: 654422
Conc: 8.21 ng/ml



#34 AR-1260-4

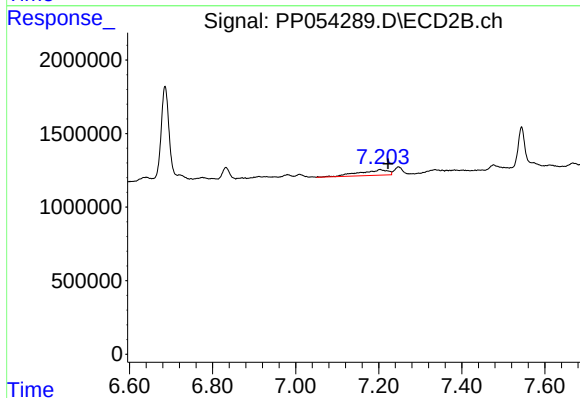
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 305868
Conc: 4.03 ng/ml



#35 AR-1260-5

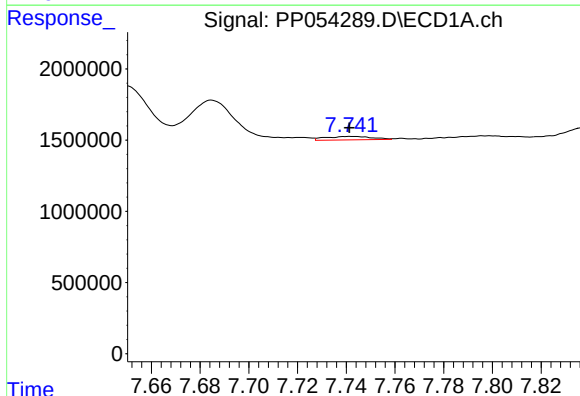
R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 600605
Conc: 4.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



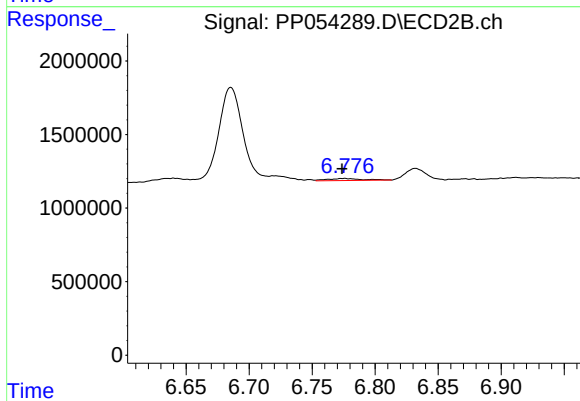
#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.019 min
Response: 1790472
Conc: 11.30 ng/ml



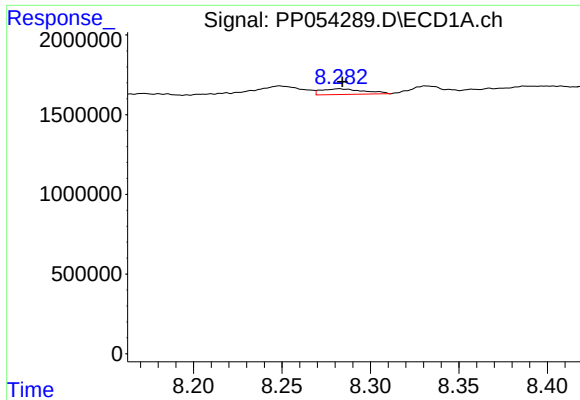
#36 AR-1262-1

R.T.: 7.742 min
Delta R.T.: 0.000 min
Response: 326348
Conc: 3.88 ng/ml



#36 AR-1262-1

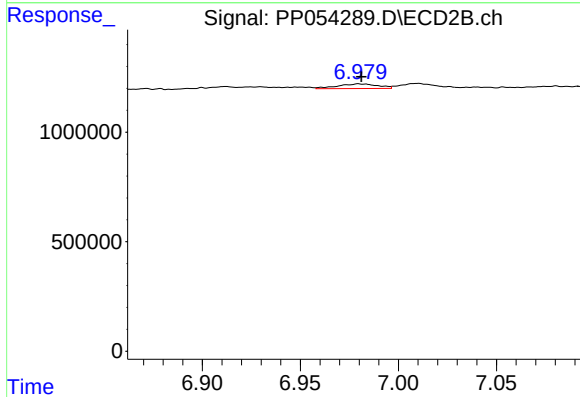
R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 264077
Conc: 6.47 ng/ml



#37 AR-1262-2

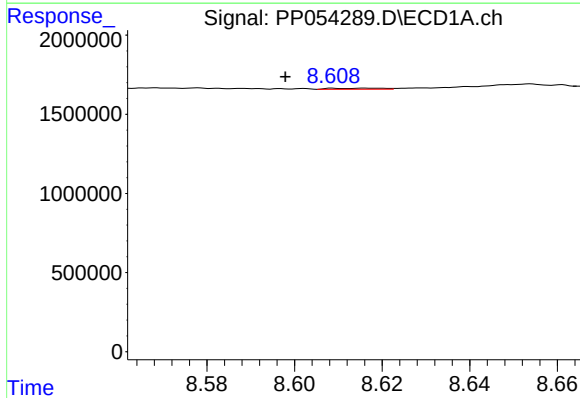
R.T.: 8.282 min
Delta R.T.: -0.002 min
Response: 600605
Conc: 4.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



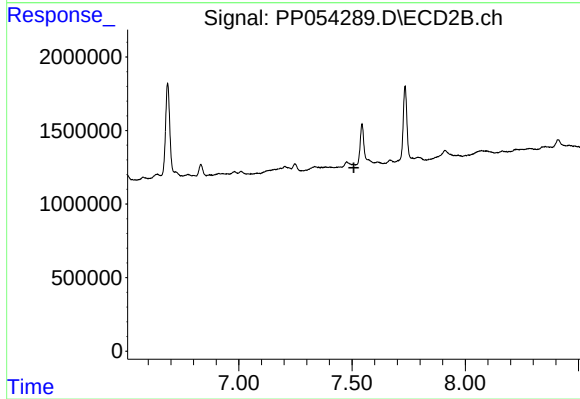
#37 AR-1262-2

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 305868
Conc: 3.53 ng/ml



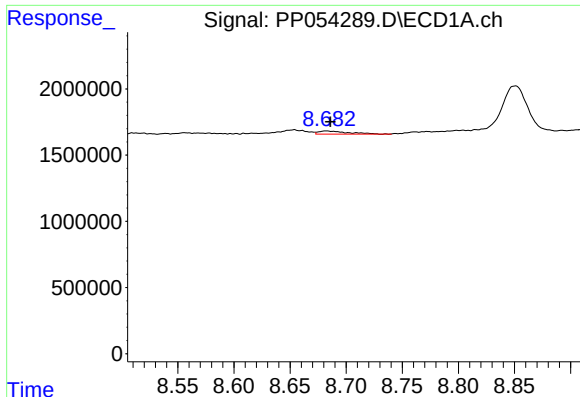
#38 AR-1262-3

R.T.: 8.617 min
Delta R.T.: 0.019 min
Response: 57793
Conc: 0.56 ng/ml



#38 AR-1262-3

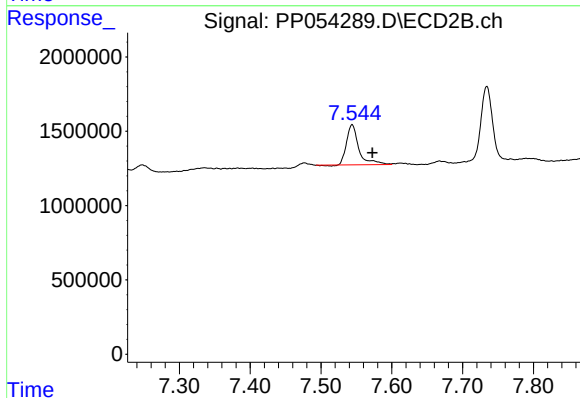
R.T.: 0.000 min
Exp R.T. : 7.508 min
Response: 0
Conc: N.D.



#39 AR-1262-4

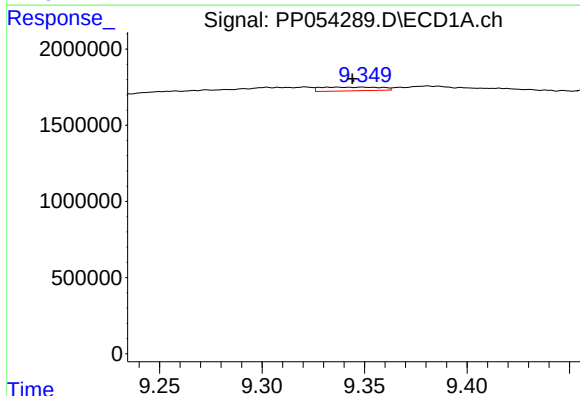
R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 417439
Conc: 8.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



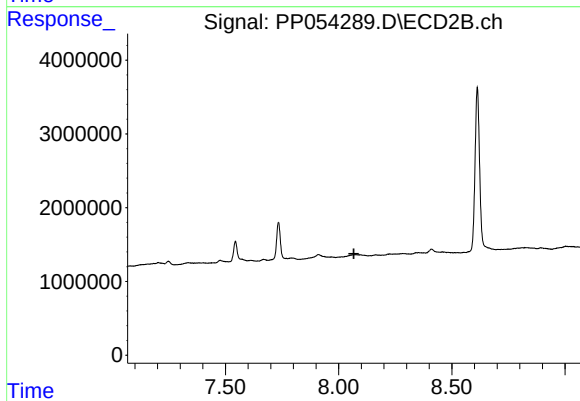
#39 AR-1262-4

R.T.: 7.544 min
Delta R.T.: -0.029 min
Response: 3233548
Conc: 27.63 ng/ml



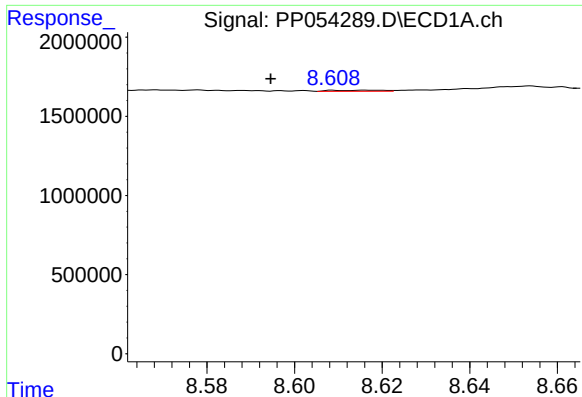
#40 AR-1262-5

R.T.: 9.349 min
Delta R.T.: 0.005 min
Response: 493656
Conc: 8.79 ng/ml



#40 AR-1262-5

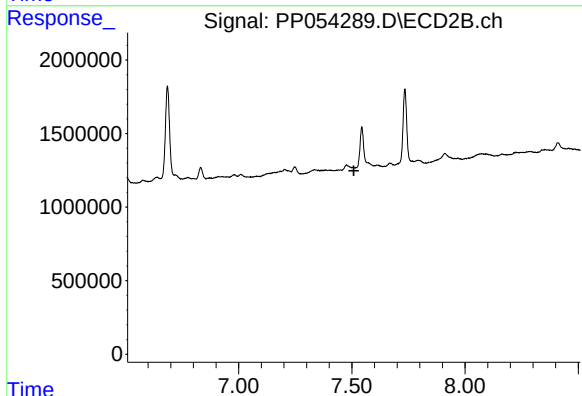
R.T.: 8.073 min
Delta R.T.: 0.005 min
Response: -68241
Conc: N.D.



#41 AR-1268-1

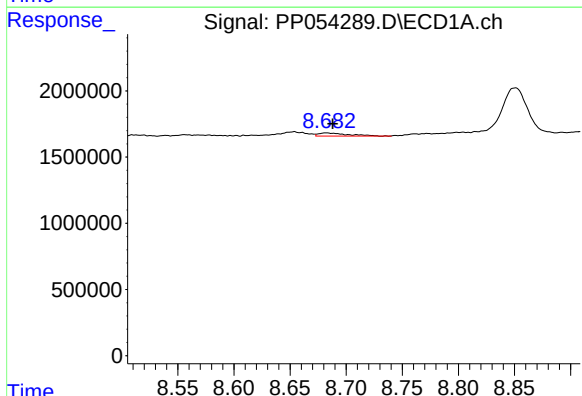
R.T.: 8.617 min
Delta R.T.: 0.022 min
Response: 57793
Conc: 0.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



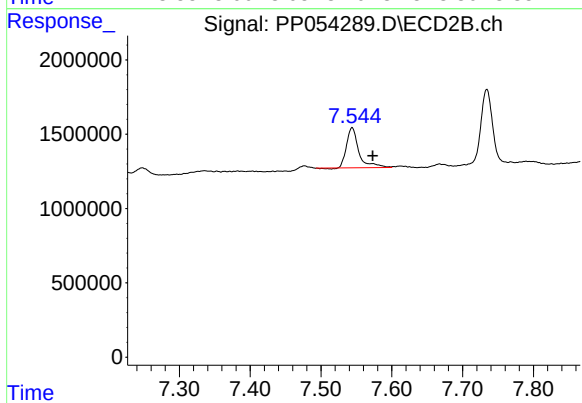
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.509 min
Response: 0
Conc: N.D.



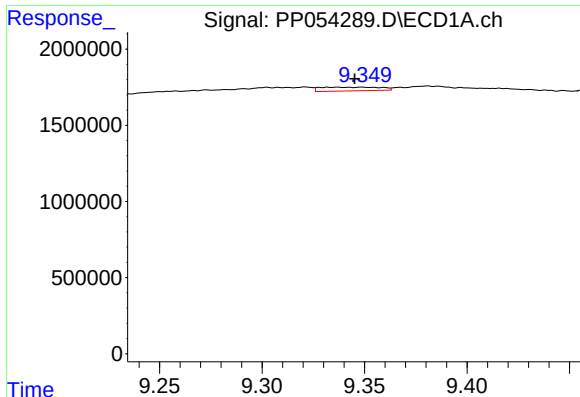
#42 AR-1268-2

R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 417439
Conc: 2.37 ng/ml



#42 AR-1268-2

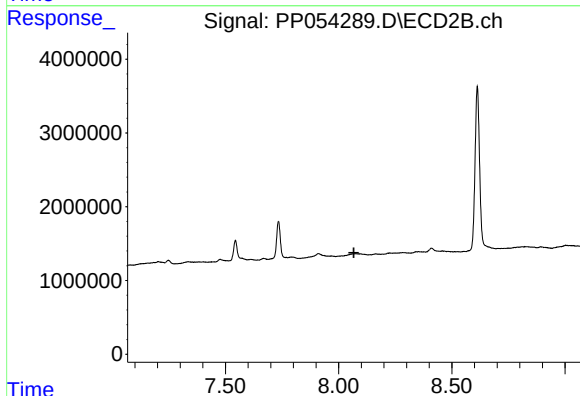
R.T.: 7.544 min
Delta R.T.: -0.029 min
Response: 3233548
Conc: 17.55 ng/ml



#44 AR-1268-4

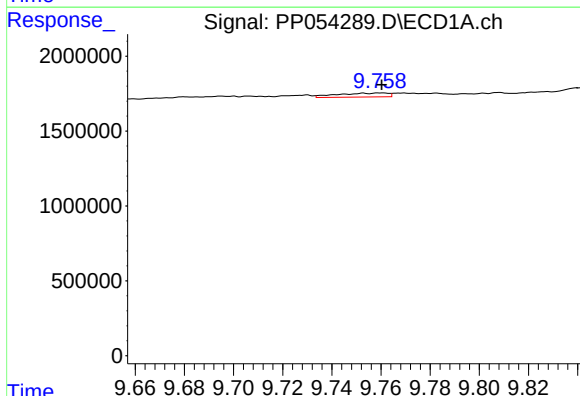
R.T.: 9.349 min
Delta R.T.: 0.004 min
Response: 493656
Conc: 7.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



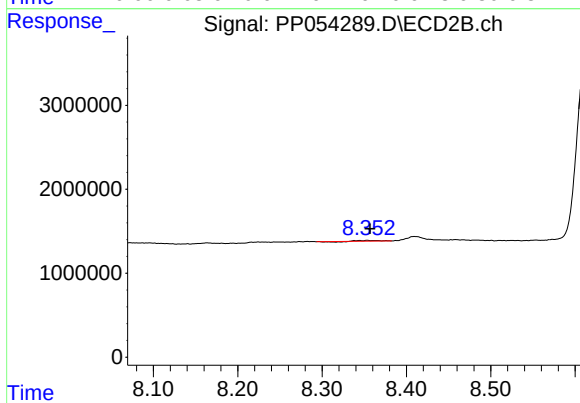
#44 AR-1268-4

R.T.: 8.073 min
Delta R.T.: 0.005 min
Response: -68241
Conc: N.D.



#45 AR-1268-5

R.T.: 9.753 min
Delta R.T.: -0.007 min
Response: 374032
Conc: 0.73 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 102540
Conc: 0.21 ng/ml