

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 21:00
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 02:35:05 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...	4.336	3.586	112.2E6	83410974	55.414	51.712
2)	SA Decachlor...	10.095	8.606	64154853	75682651	44.670	53.651
Target Compounds							
3)	L1 AR-1016-1	5.506	4.671	22010653	16137958	297.857	310.152
4)	L1 AR-1016-2	5.529	4.689	26732245	17036183	250.492	237.860
5)	L1 AR-1016-3	5.591	4.867	14095274	11175790	206.031	284.894 #
6)	L1 AR-1016-4	5.689	4.908	13023665	22779410	250.145	661.925 #
7)	L1 AR-1016-5	5.986	5.122	26140432	27849080	577.349	633.404
8)	L2 AR-1221-1	4.542	3.798	702411	468049	29.213	24.494
9)	L2 AR-1221-2	4.641	3.884	2121529	1562815	119.746	105.991
10)	L2 AR-1221-3	4.707	3.960	3610574	2670282	66.989	60.121
11)	L3 AR-1232-1	4.707	3.960	3610574	2670282	80.268	71.746
12)	L3 AR-1232-2	5.238	4.689	12860778	17036183	492.858	317.867 #
13)	L3 AR-1232-3	5.529	4.867	26732245	11175790	581.144	673.134
14)	L3 AR-1232-4	5.689	4.950	13023665	23551957	581.610	1403.970 #
15)	L3 AR-1232-5	5.781	5.122	25347727	27849080	1424.347	1542.468
16)	L4 AR-1242-1	5.506	4.671	22010653	16137958	370.692	382.257
17)	L4 AR-1242-2	5.529	4.689	26732245	17036183	312.681	292.626
18)	L4 AR-1242-3	5.591	4.867	14095274	11175790	257.977	349.451 #
19)	L4 AR-1242-4	5.689	4.950	13023665	23551957	310.745	675.145 #
20)	L4 AR-1242-5	6.430	5.475	25245275	35134220	769.101	933.819
21)	L5 AR-1248-1	5.506	4.671	22010653	16137958	490.251	496.117
22)	L5 AR-1248-2	5.781	4.908	25347727	22779410	398.939	461.271
23)	L5 AR-1248-3	5.986	4.950	26140432	23551957	441.003	456.387
24)	L5 AR-1248-4	6.391	5.122	26731517	27849080	461.462	471.891
25)	L5 AR-1248-5	6.430	5.516	25245275	23434155	454.992	472.515
26)	L6 AR-1254-1	6.364	5.475	20850312	35134220	335.565	409.701
27)	L6 AR-1254-2	6.588	5.623	26795299	11829967	285.523	159.239 #
28)	L6 AR-1254-3	6.952	6.029	14895102	17209575	156.913	148.266
29)	L6 AR-1254-4	7.239	6.257	9403567	10784767	138.625	171.320
30)	L6 AR-1254-5	7.659	6.677	2759179	3172014	36.296	33.174
31)	L7 AR-1260-1	7.117	6.173	1883737	8368687	24.165	98.790 #
32)	L7 AR-1260-2	7.375	6.347	2631251	1976762	29.377	20.669 #
33)	L7 AR-1260-3	7.734	6.501	846250	2085200	12.384	22.813 #
34)	L7 AR-1260-4	7.950f	6.975	1910709	499057	23.982	6.583 #
35)	L7 AR-1260-5	8.279	7.218	1201342	882749	8.376	5.573 #
36)	L8 AR-1262-1	7.734	6.767	846250	215572	10.059	5.280 #
37)	L8 AR-1262-2	8.279	6.975	1201342	499057	8.489	5.764 #
38)	L8 AR-1262-3	8.600	7.504	405248	272431	3.914	4.081
39)	L8 AR-1262-4	8.684	7.566	310853	745625	6.140	6.372
40)	L8 AR-1262-5	9.332	8.063	363407	319455	6.469	5.799
41)	L9 AR-1268-1	8.600	7.504	405248	272431	2.079	1.342 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
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 Acq On : 10 Jan 2023 21:00
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

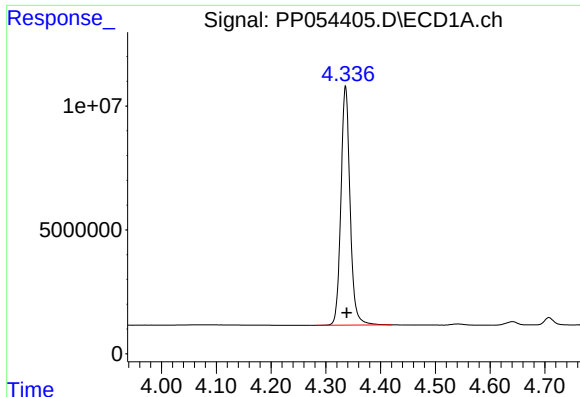
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 02:35:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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	8.684	7.566	310853	745625	1.761	4.047 #
43) L9	AR-1268-3	8.916	7.778	58286	186667	0.376	1.092 #
44) L9	AR-1268-4	9.332	8.063	363407	319455	5.311	5.056
45) L9	AR-1268-5	9.754	8.354	524662	603223	1.029	1.233

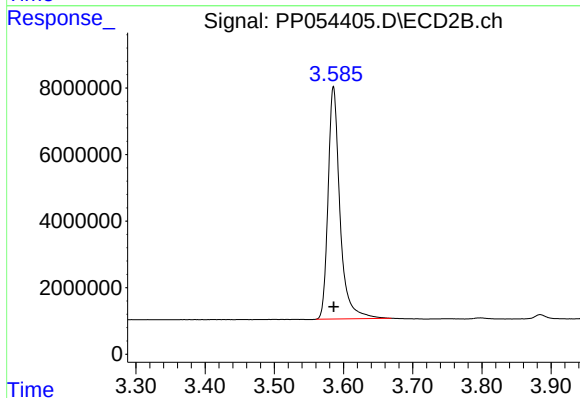
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

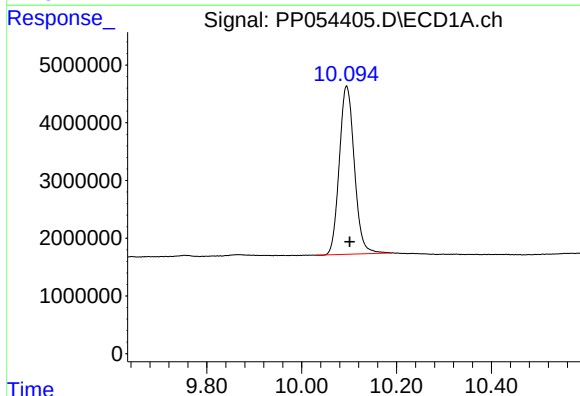
R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 112216577
Conc: 55.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



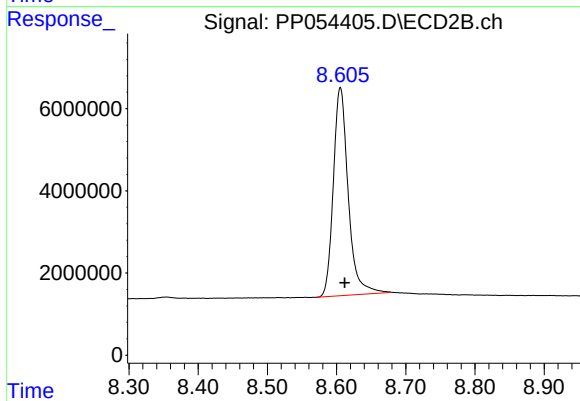
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 83410974
Conc: 51.71 ng/ml



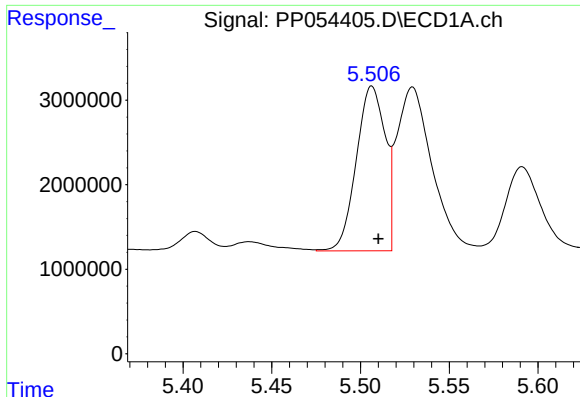
#2 Decachlorobiphenyl

R.T.: 10.095 min
Delta R.T.: -0.006 min
Response: 64154853
Conc: 44.67 ng/ml



#2 Decachlorobiphenyl

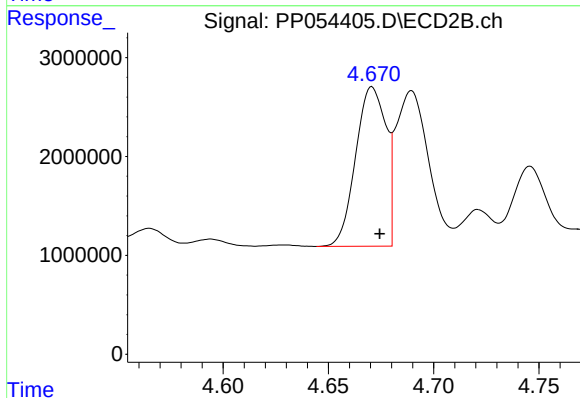
R.T.: 8.606 min
Delta R.T.: -0.006 min
Response: 75682651
Conc: 53.65 ng/ml



#3 AR-1016-1

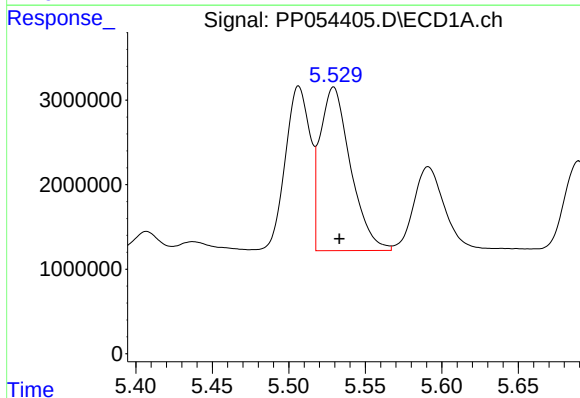
R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 22010653
Conc: 297.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



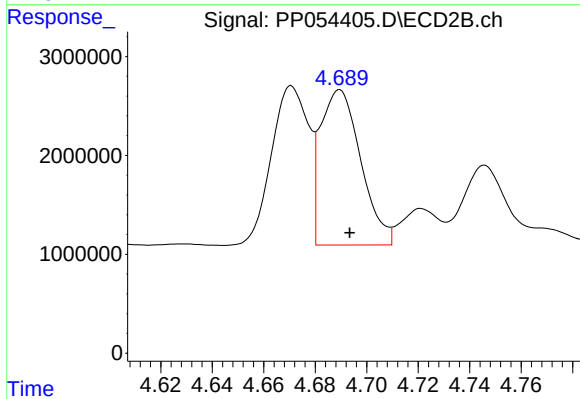
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 16137958
Conc: 310.15 ng/ml



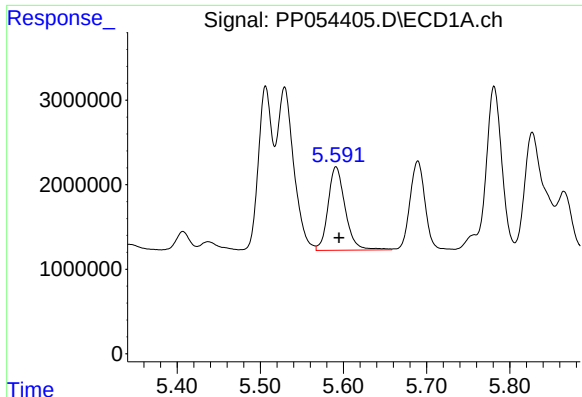
#4 AR-1016-2

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 26732245
Conc: 250.49 ng/ml



#4 AR-1016-2

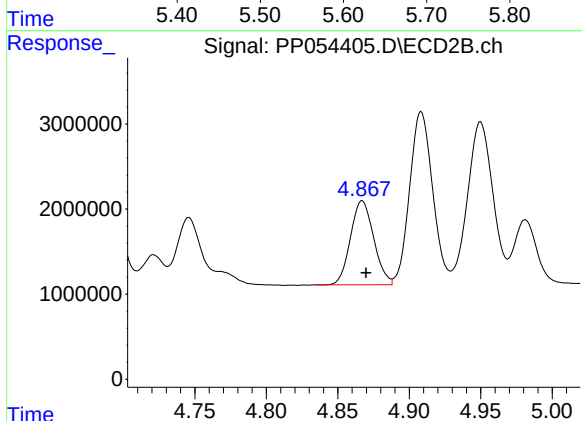
R.T.: 4.689 min
Delta R.T.: -0.004 min
Response: 17036183
Conc: 237.86 ng/ml



#5 AR-1016-3

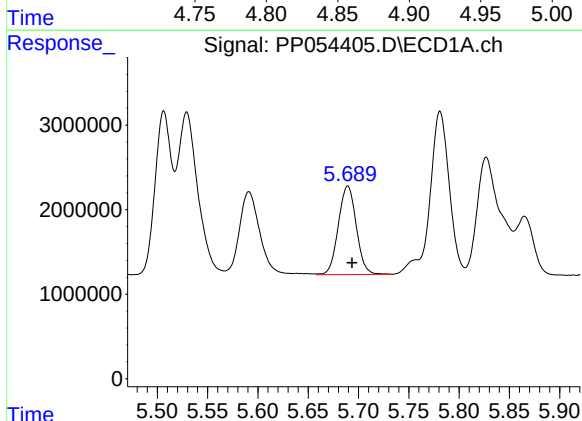
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 14095274
Conc: 206.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



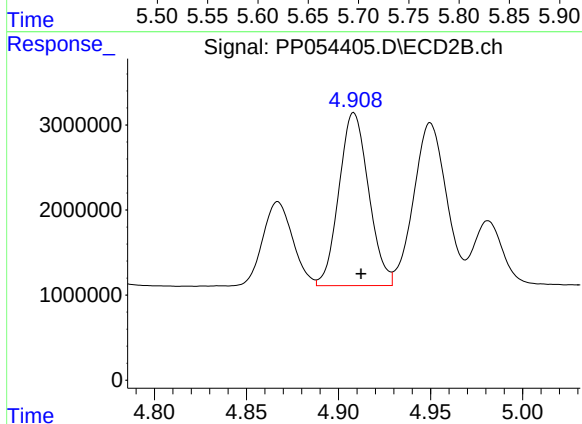
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 11175790
Conc: 284.89 ng/ml



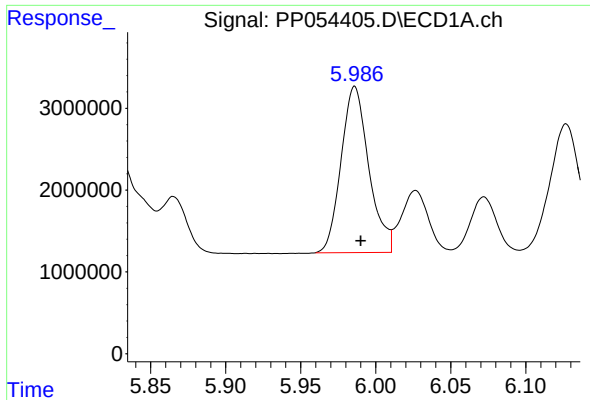
#6 AR-1016-4

R.T.: 5.689 min
Delta R.T.: -0.004 min
Response: 13023665
Conc: 250.14 ng/ml



#6 AR-1016-4

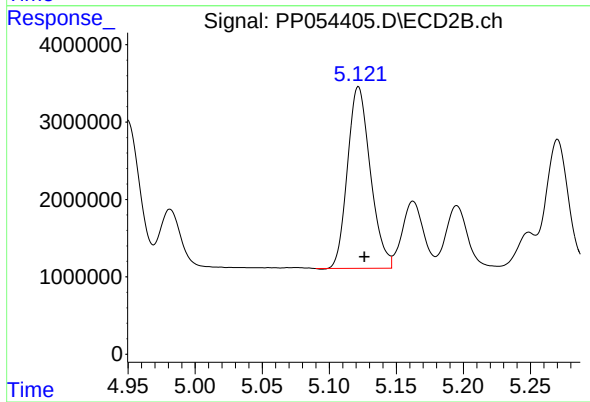
R.T.: 4.908 min
Delta R.T.: -0.004 min
Response: 22779410
Conc: 661.93 ng/ml



#7 AR-1016-5

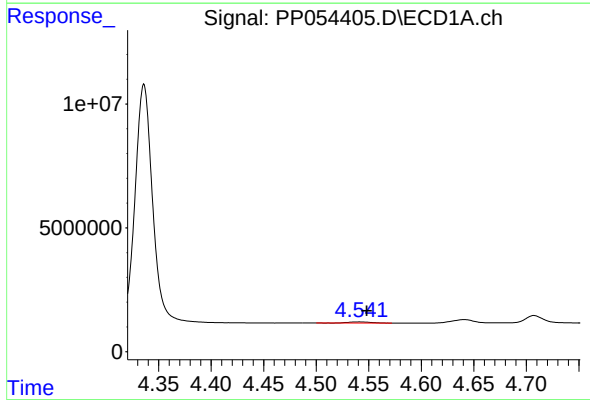
R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 26140432
Conc: 577.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



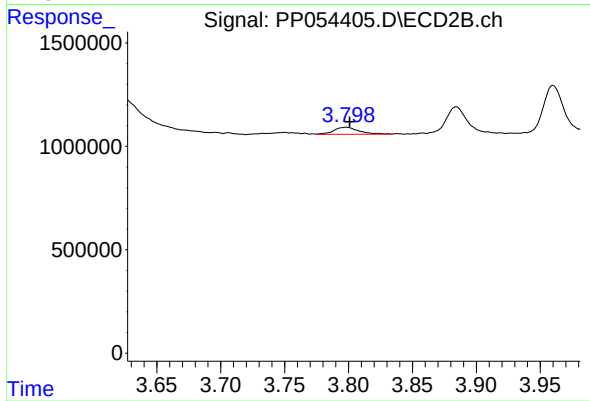
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 27849080
Conc: 633.40 ng/ml



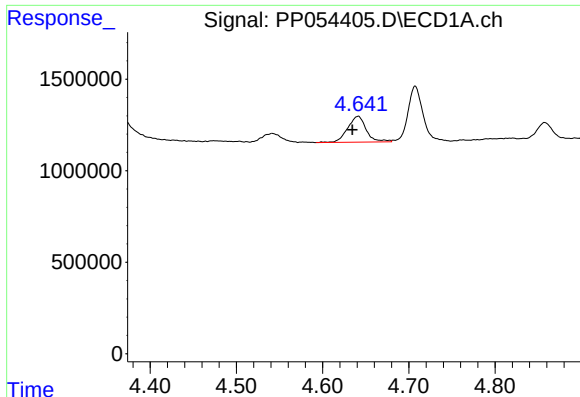
#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 702411
Conc: 29.21 ng/ml



#8 AR-1221-1

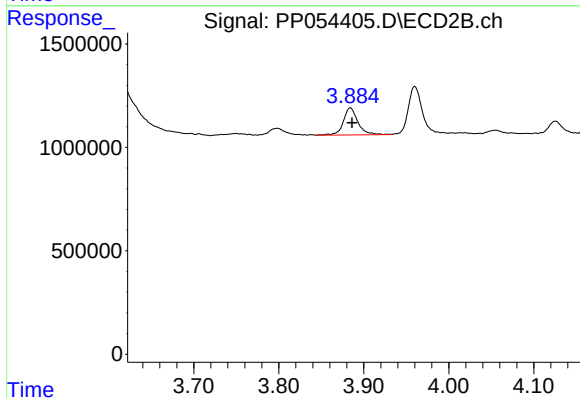
R.T.: 3.798 min
Delta R.T.: -0.003 min
Response: 468049
Conc: 24.49 ng/ml



#9 AR-1221-2

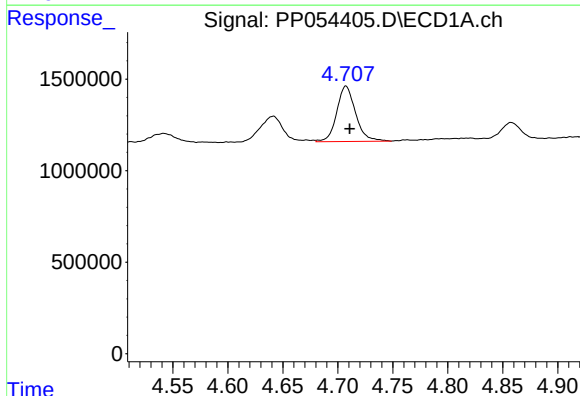
R.T.: 4.641 min
Delta R.T.: 0.007 min
Response: 2121529
Conc: 119.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



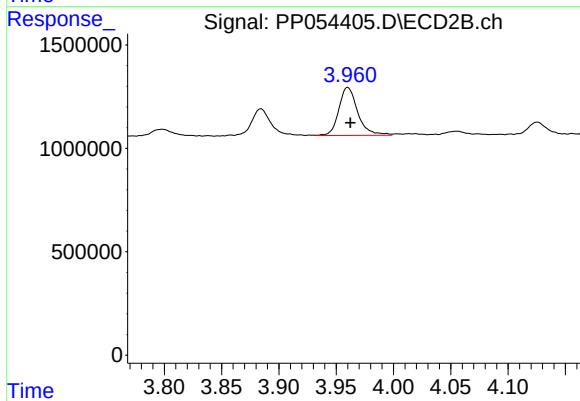
#9 AR-1221-2

R.T.: 3.884 min
Delta R.T.: -0.002 min
Response: 1562815
Conc: 105.99 ng/ml



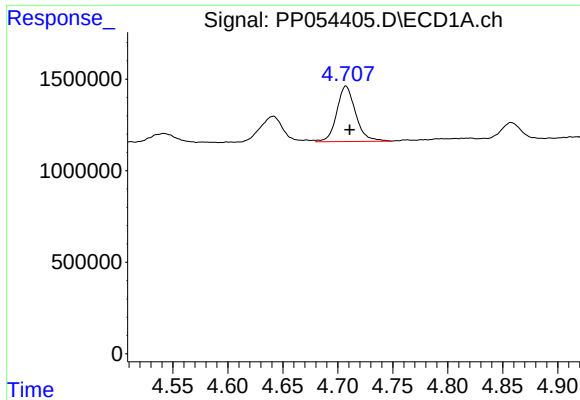
#10 AR-1221-3

R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 3610574
Conc: 66.99 ng/ml



#10 AR-1221-3

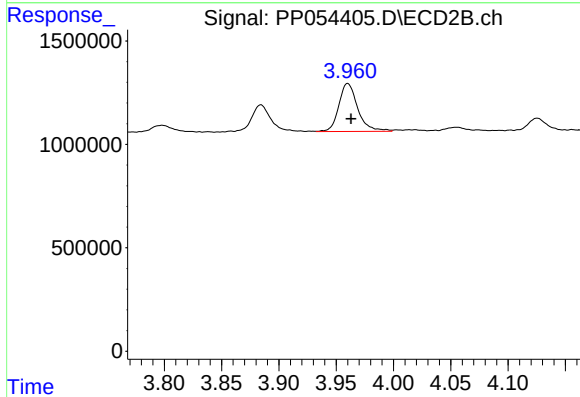
R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 2670282
Conc: 60.12 ng/ml



#11 AR-1232-1

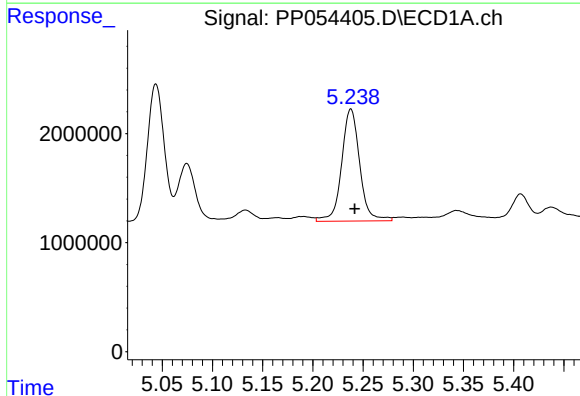
R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 3610574
Conc: 80.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



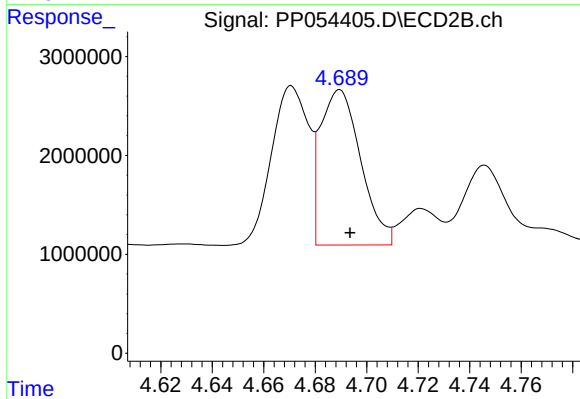
#11 AR-1232-1

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 2670282
Conc: 71.75 ng/ml



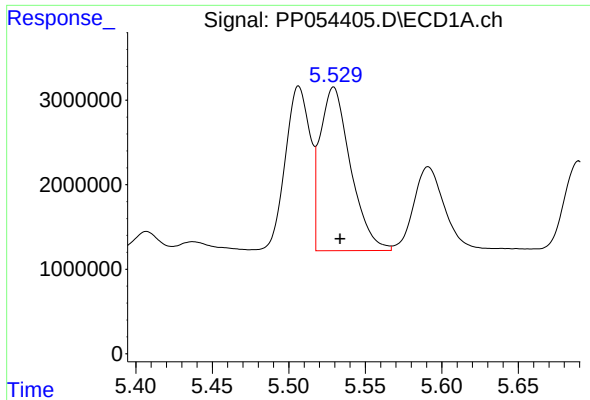
#12 AR-1232-2

R.T.: 5.238 min
Delta R.T.: -0.004 min
Response: 12860778
Conc: 492.86 ng/ml



#12 AR-1232-2

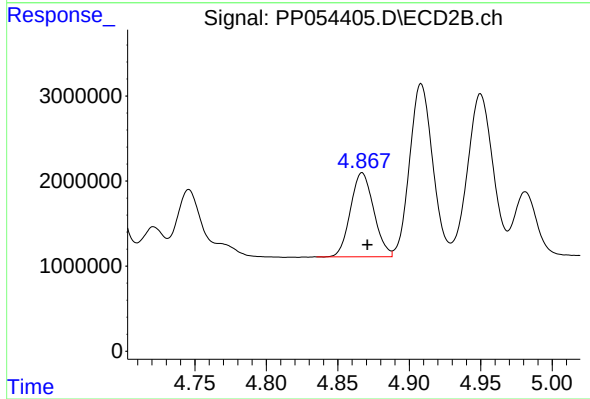
R.T.: 4.689 min
Delta R.T.: -0.004 min
Response: 17036183
Conc: 317.87 ng/ml



#13 AR-1232-3

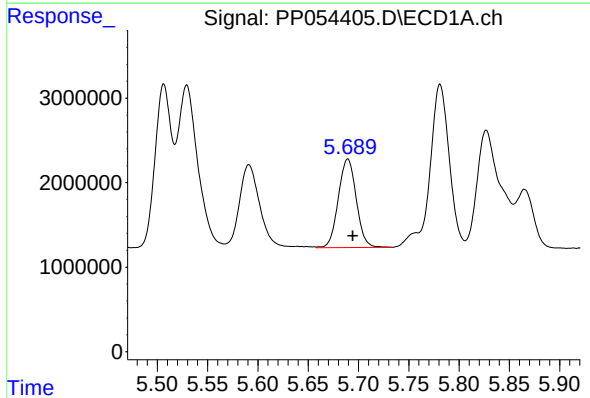
R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 26732245
Conc: 581.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



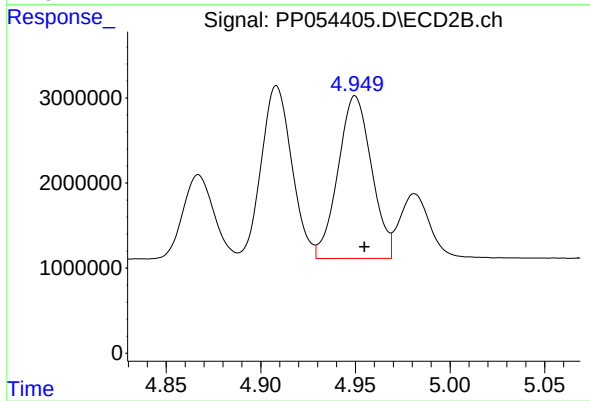
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 11175790
Conc: 673.13 ng/ml



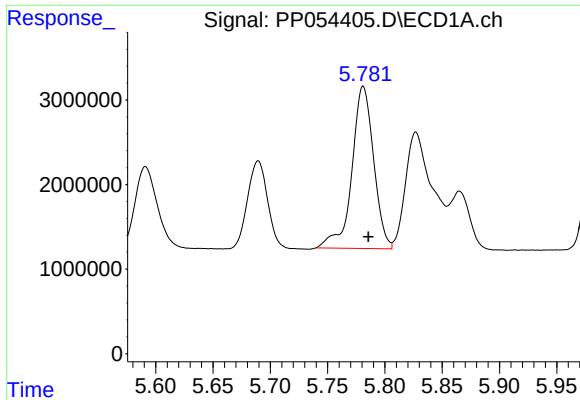
#14 AR-1232-4

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 13023665
Conc: 581.61 ng/ml



#14 AR-1232-4

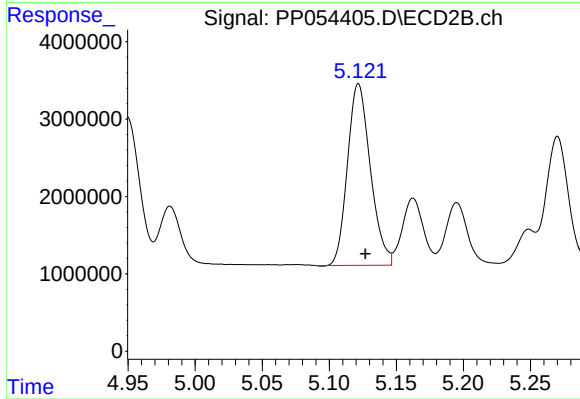
R.T.: 4.950 min
Delta R.T.: -0.005 min
Response: 23551957
Conc: 1403.97 ng/ml



#15 AR-1232-5

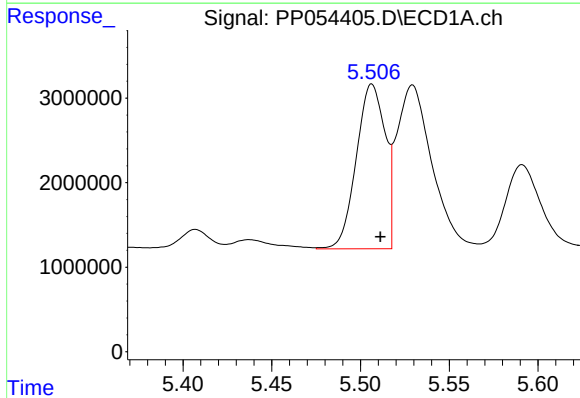
R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 25347727
Conc: 1424.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



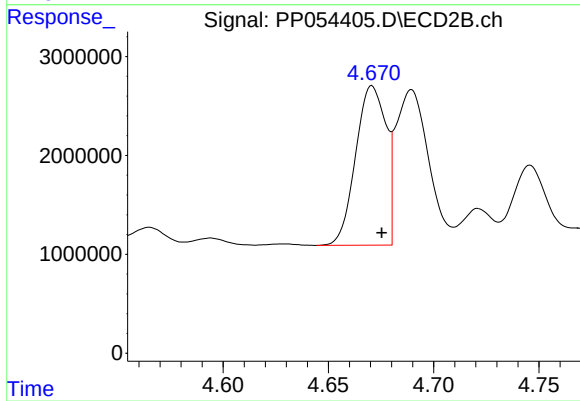
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 27849080
Conc: 1542.47 ng/ml



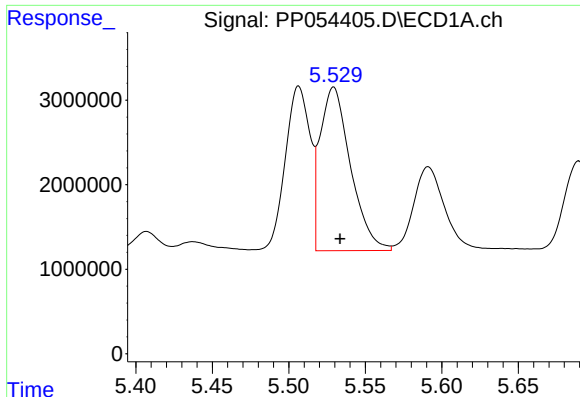
#16 AR-1242-1

R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 22010653
Conc: 370.69 ng/ml



#16 AR-1242-1

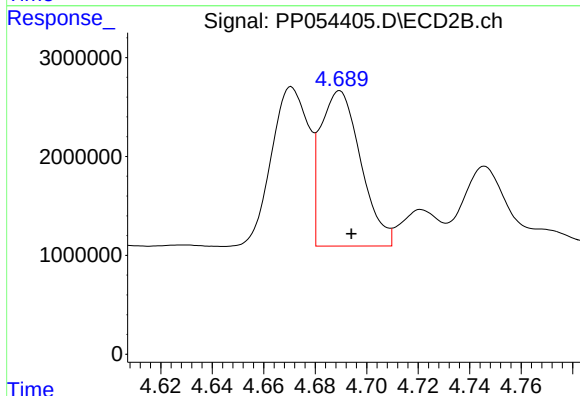
R.T.: 4.671 min
Delta R.T.: -0.005 min
Response: 16137958
Conc: 382.26 ng/ml



#17 AR-1242-2

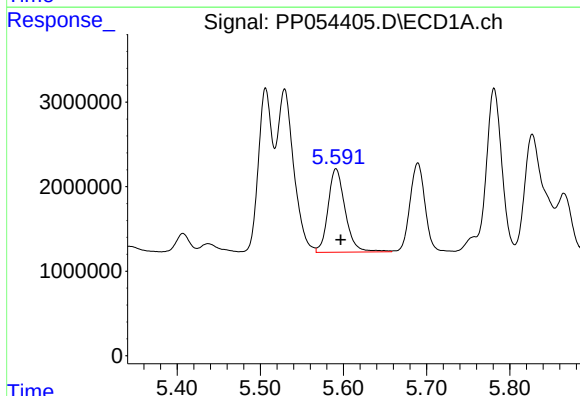
R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 26732245
Conc: 312.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



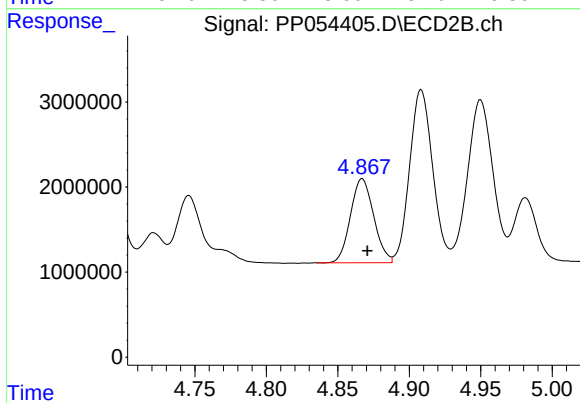
#17 AR-1242-2

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 17036183
Conc: 292.63 ng/ml



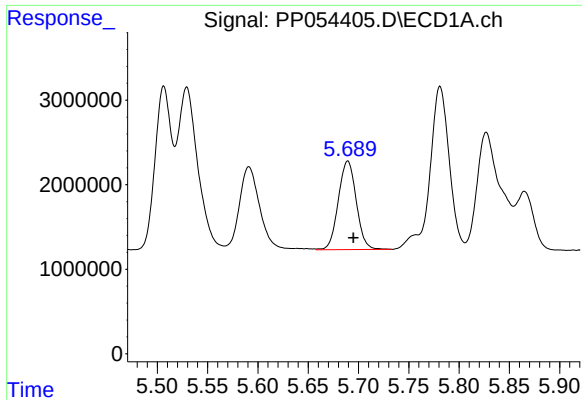
#18 AR-1242-3

R.T.: 5.591 min
Delta R.T.: -0.006 min
Response: 14095274
Conc: 257.98 ng/ml



#18 AR-1242-3

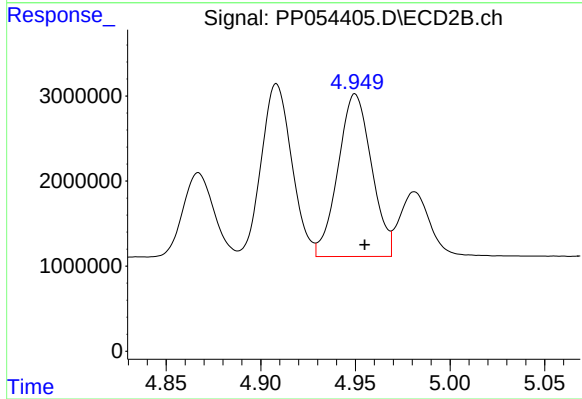
R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 11175790
Conc: 349.45 ng/ml



#19 AR-1242-4

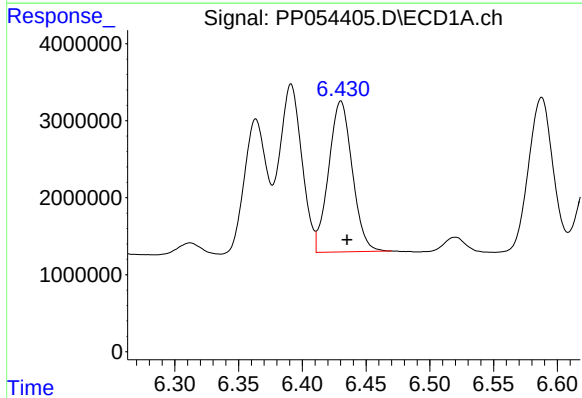
R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: 13023665
Conc: 310.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



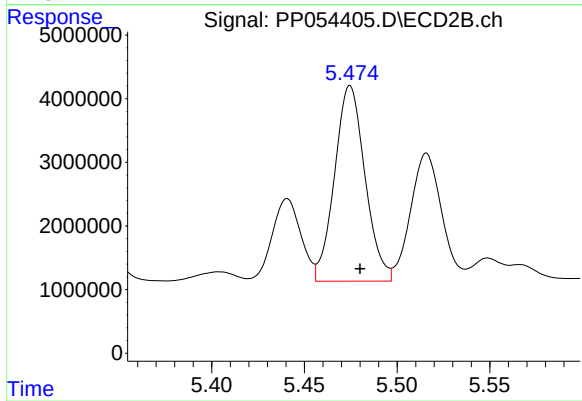
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.005 min
Response: 23551957
Conc: 675.14 ng/ml



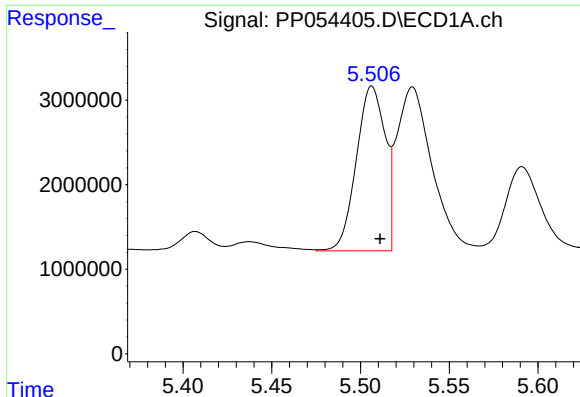
#20 AR-1242-5

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 25245275
Conc: 769.10 ng/ml



#20 AR-1242-5

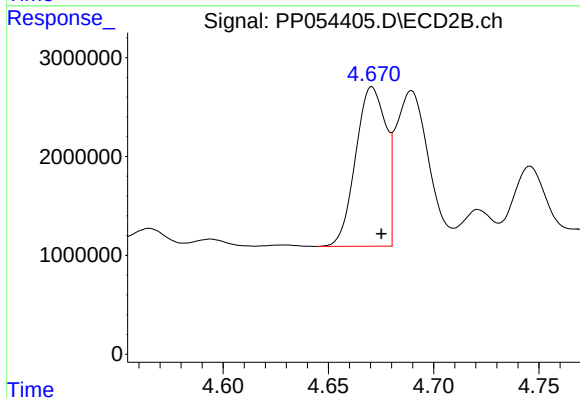
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 35134220
Conc: 933.82 ng/ml



#21 AR-1248-1

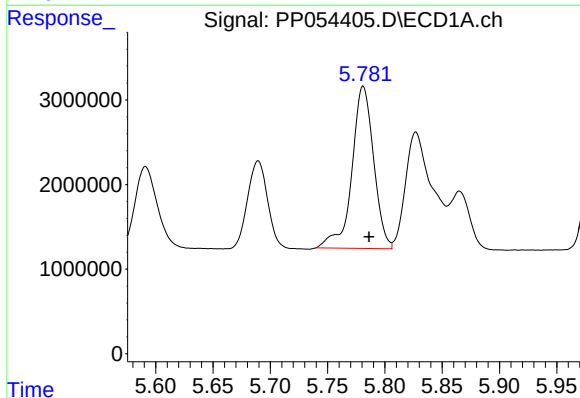
R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 22010653
Conc: 490.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



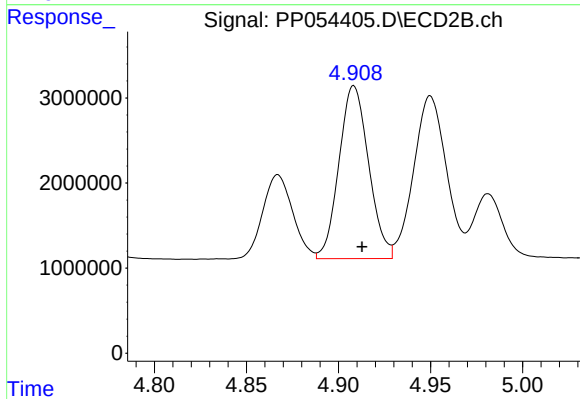
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: -0.005 min
Response: 16137958
Conc: 496.12 ng/ml



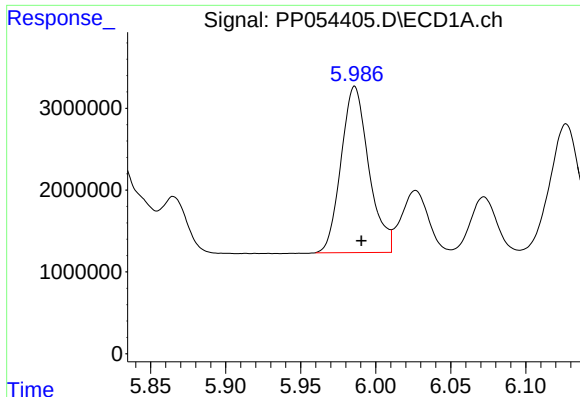
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 25347727
Conc: 398.94 ng/ml



#22 AR-1248-2

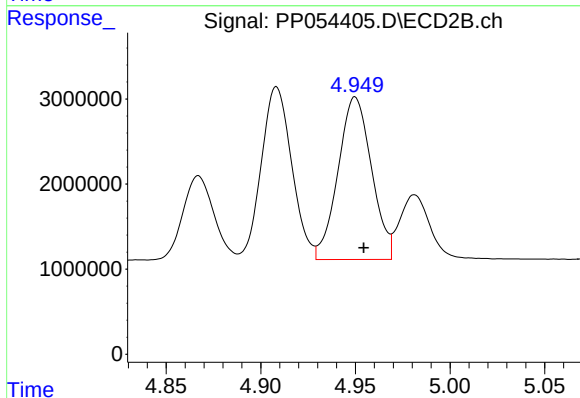
R.T.: 4.908 min
Delta R.T.: -0.004 min
Response: 22779410
Conc: 461.27 ng/ml



#23 AR-1248-3

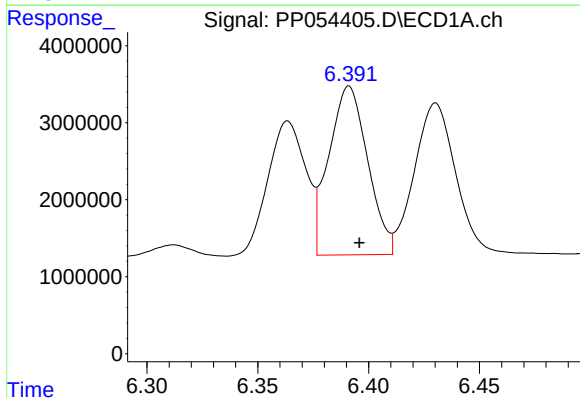
R.T.: 5.986 min
Delta R.T.: -0.005 min
Response: 26140432
Conc: 441.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



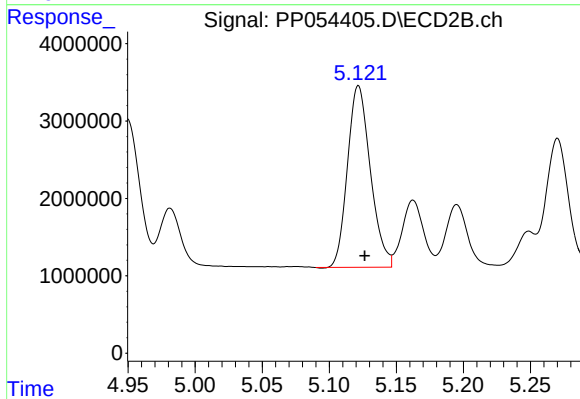
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.005 min
Response: 23551957
Conc: 456.39 ng/ml



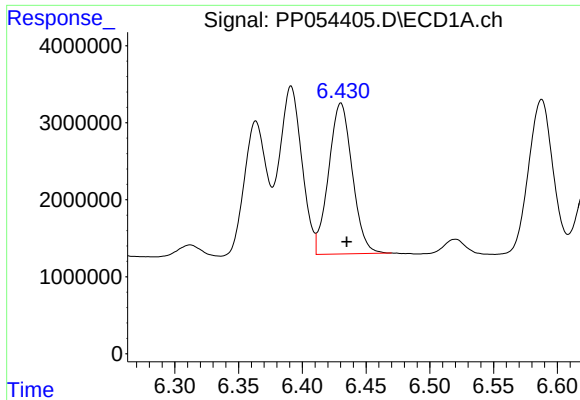
#24 AR-1248-4

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 26731517
Conc: 461.46 ng/ml



#24 AR-1248-4

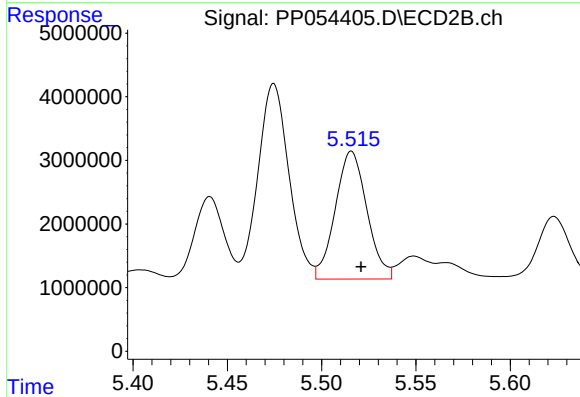
R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 27849080
Conc: 471.89 ng/ml



#25 AR-1248-5

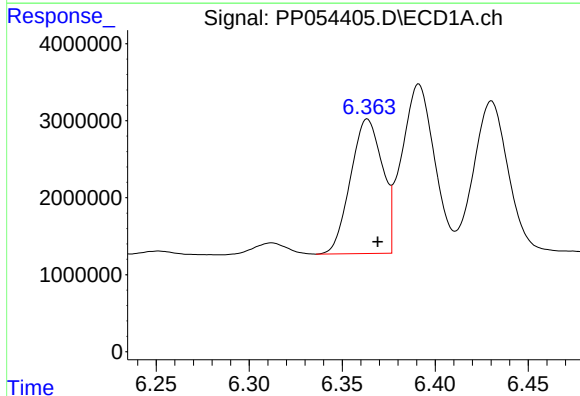
R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 25245275
Conc: 454.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



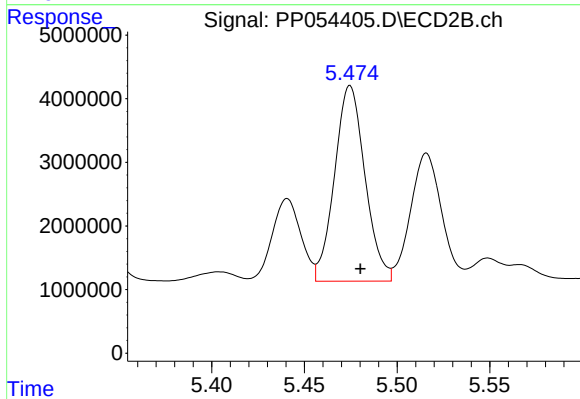
#25 AR-1248-5

R.T.: 5.516 min
Delta R.T.: -0.005 min
Response: 23434155
Conc: 472.51 ng/ml



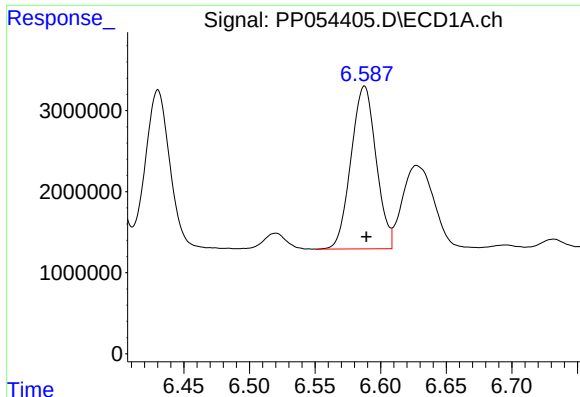
#26 AR-1254-1

R.T.: 6.364 min
Delta R.T.: -0.006 min
Response: 20850312
Conc: 335.57 ng/ml



#26 AR-1254-1

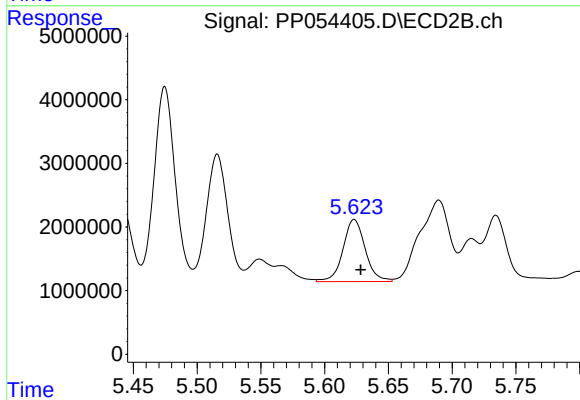
R.T.: 5.475 min
Delta R.T.: -0.006 min
Response: 35134220
Conc: 409.70 ng/ml



#27 AR-1254-2

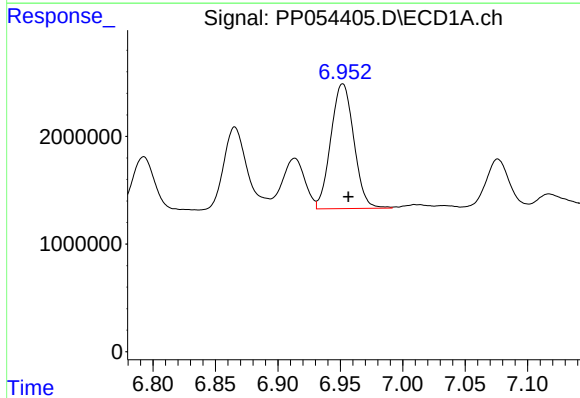
R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 26795299
Conc: 285.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



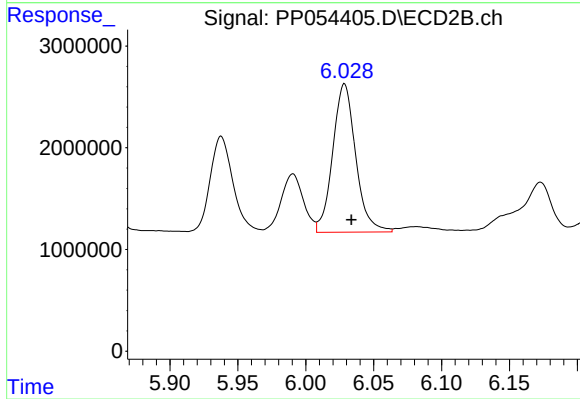
#27 AR-1254-2

R.T.: 5.623 min
Delta R.T.: -0.005 min
Response: 11829967
Conc: 159.24 ng/ml



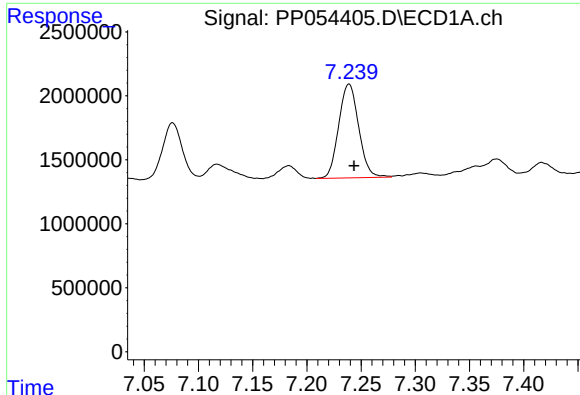
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.004 min
Response: 14895102
Conc: 156.91 ng/ml



#28 AR-1254-3

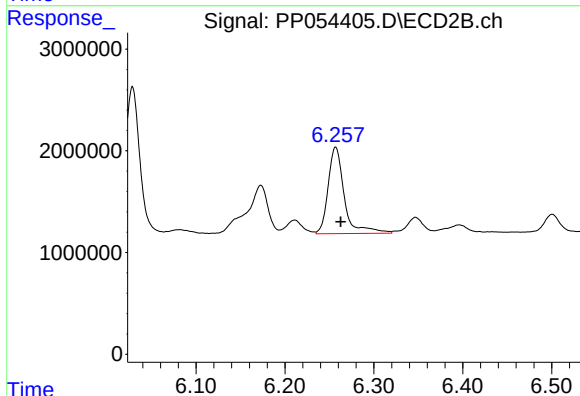
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 17209575
Conc: 148.27 ng/ml



#29 AR-1254-4

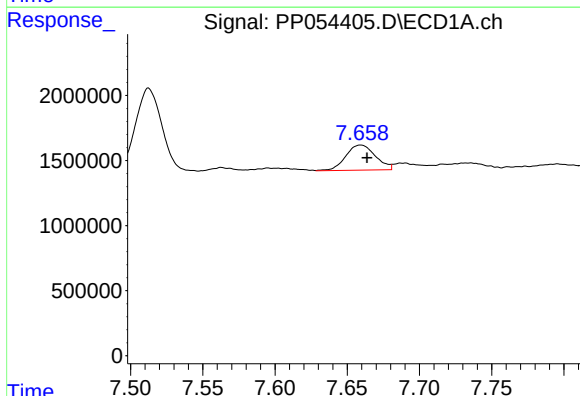
R.T.: 7.239 min
Delta R.T.: -0.005 min
Response: 9403567
Conc: 138.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



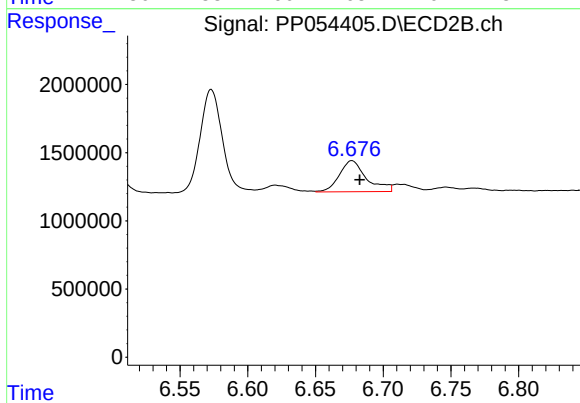
#29 AR-1254-4

R.T.: 6.257 min
Delta R.T.: -0.006 min
Response: 10784767
Conc: 171.32 ng/ml



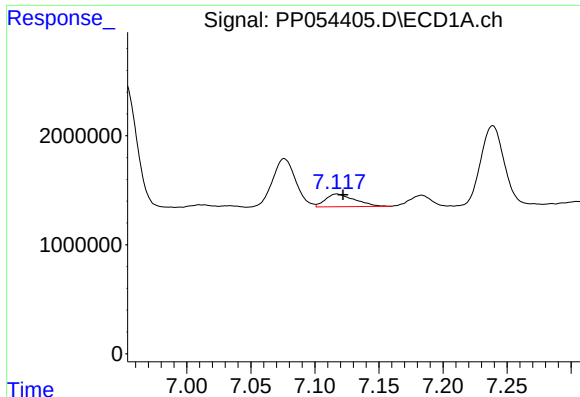
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 2759179
Conc: 36.30 ng/ml



#30 AR-1254-5

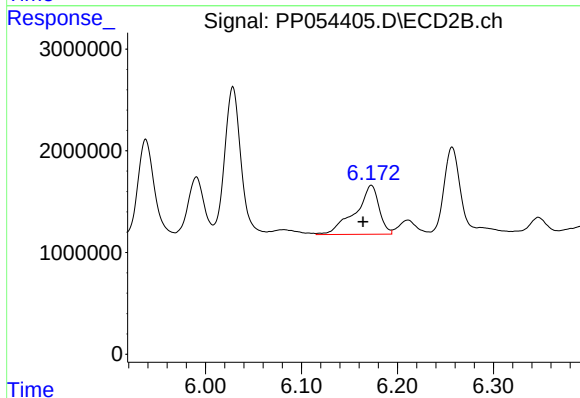
R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 3172014
Conc: 33.17 ng/ml



#31 AR-1260-1

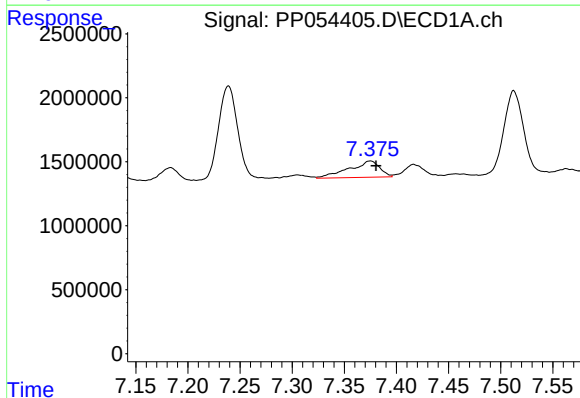
R.T.: 7.117 min
Delta R.T.: -0.005 min
Response: 1883737
Conc: 24.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



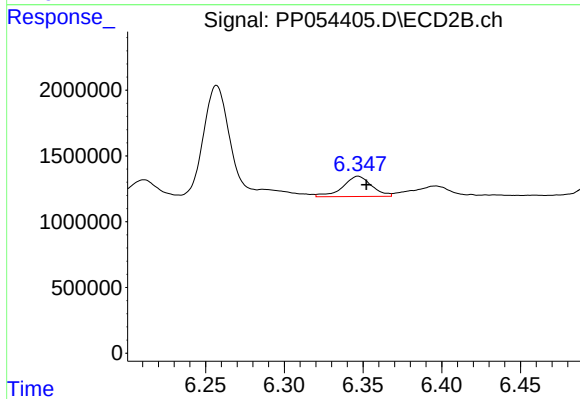
#31 AR-1260-1

R.T.: 6.173 min
Delta R.T.: 0.009 min
Response: 8368687
Conc: 98.79 ng/ml



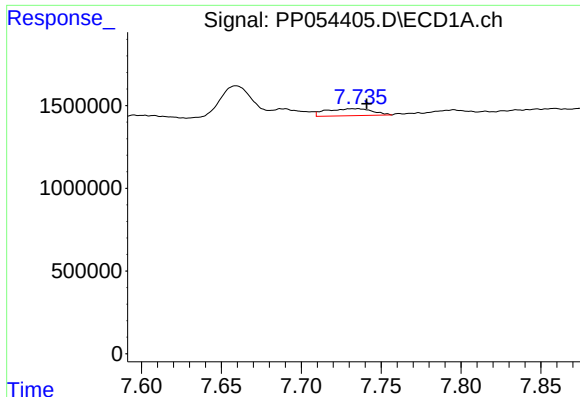
#32 AR-1260-2

R.T.: 7.375 min
Delta R.T.: -0.005 min
Response: 2631251
Conc: 29.38 ng/ml



#32 AR-1260-2

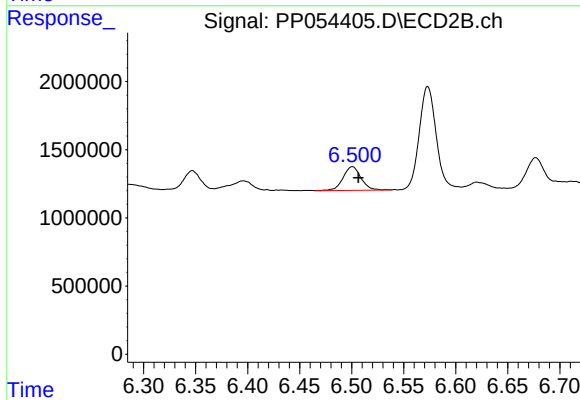
R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 1976762
Conc: 20.67 ng/ml



#33 AR-1260-3

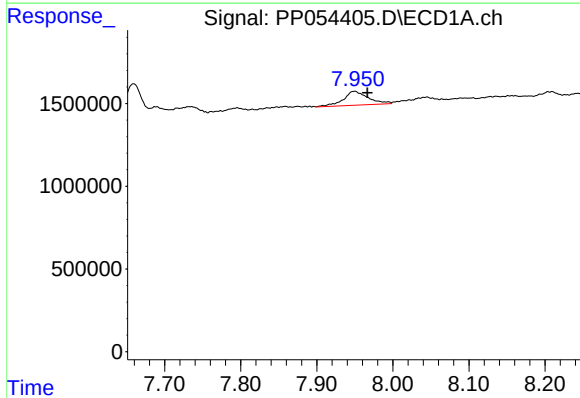
R.T.: 7.734 min
Delta R.T.: -0.007 min
Response: 846250
Conc: 12.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



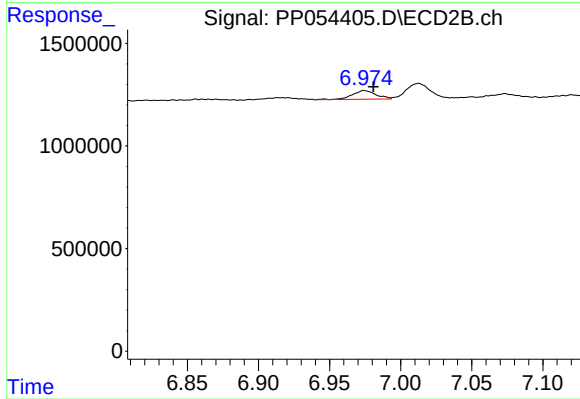
#33 AR-1260-3

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 2085200
Conc: 22.81 ng/ml



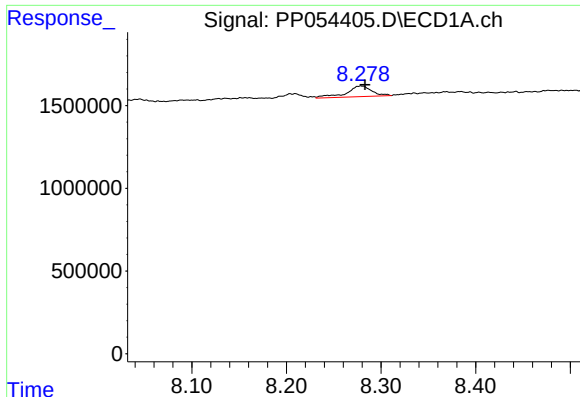
#34 AR-1260-4

R.T.: 7.950 min
Delta R.T.: -0.017 min
Response: 1910709
Conc: 23.98 ng/ml



#34 AR-1260-4

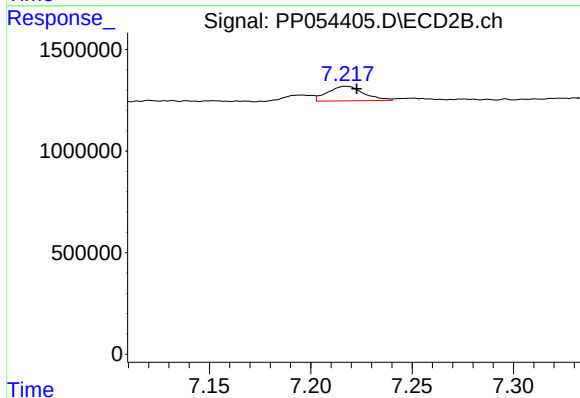
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 499057
Conc: 6.58 ng/ml



#35 AR-1260-5

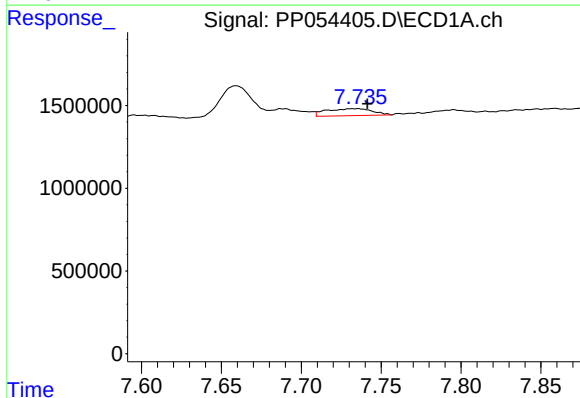
R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 1201342
Conc: 8.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



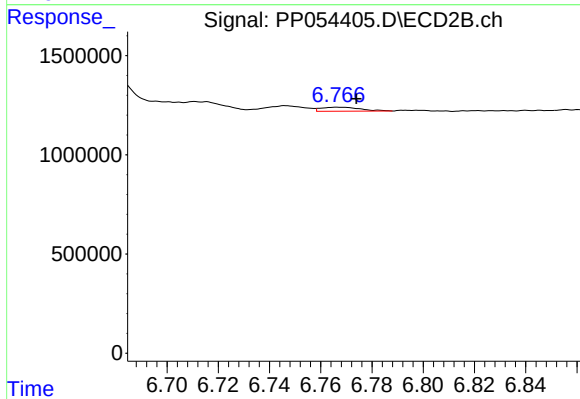
#35 AR-1260-5

R.T.: 7.218 min
Delta R.T.: -0.005 min
Response: 882749
Conc: 5.57 ng/ml



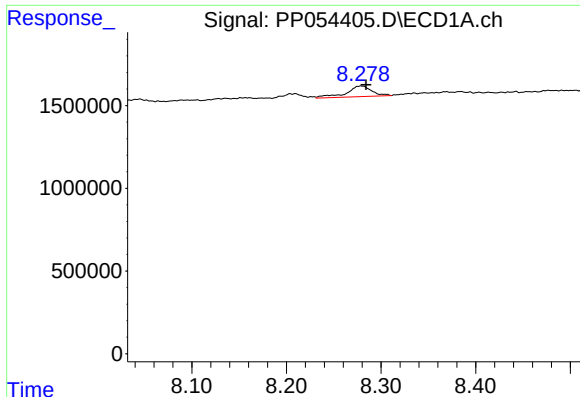
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: -0.007 min
Response: 846250
Conc: 10.06 ng/ml



#36 AR-1262-1

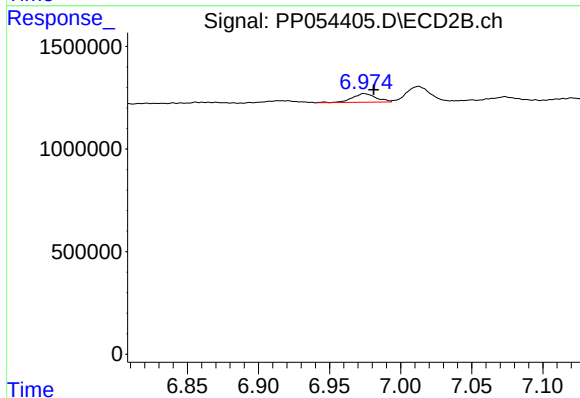
R.T.: 6.767 min
Delta R.T.: -0.007 min
Response: 215572
Conc: 5.28 ng/ml



#37 AR-1262-2

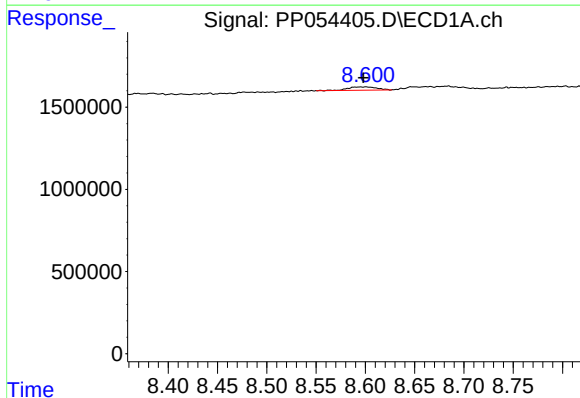
R.T.: 8.279 min
Delta R.T.: -0.005 min
Response: 1201342
Conc: 8.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



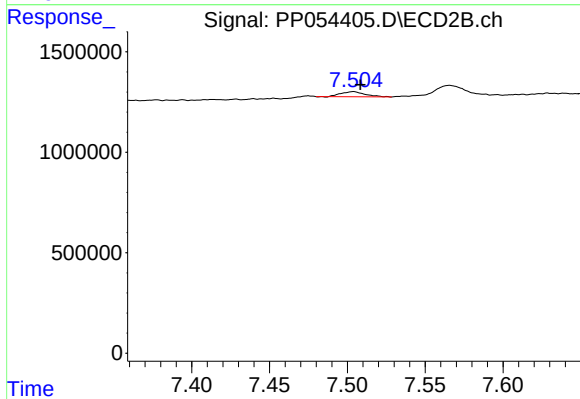
#37 AR-1262-2

R.T.: 6.975 min
Delta R.T.: -0.007 min
Response: 499057
Conc: 5.76 ng/ml



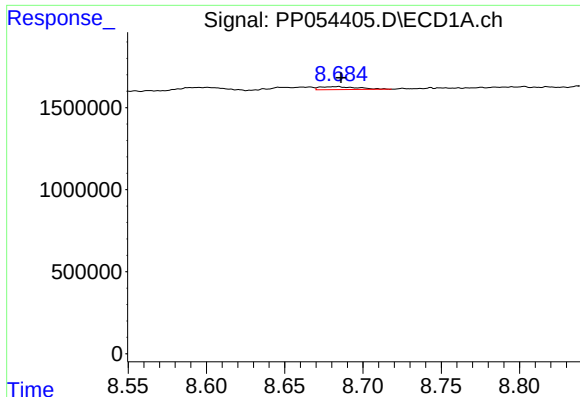
#38 AR-1262-3

R.T.: 8.600 min
Delta R.T.: 0.002 min
Response: 405248
Conc: 3.91 ng/ml



#38 AR-1262-3

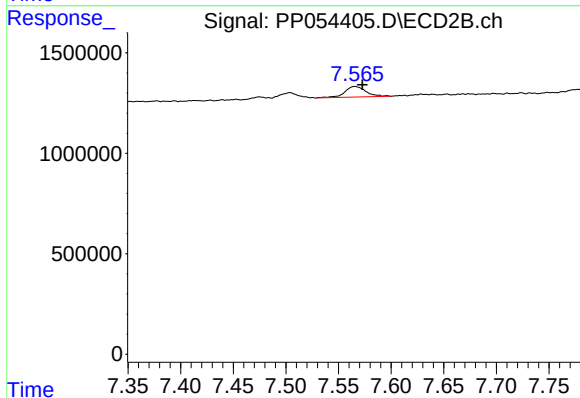
R.T.: 7.504 min
Delta R.T.: -0.005 min
Response: 272431
Conc: 4.08 ng/ml



#39 AR-1262-4

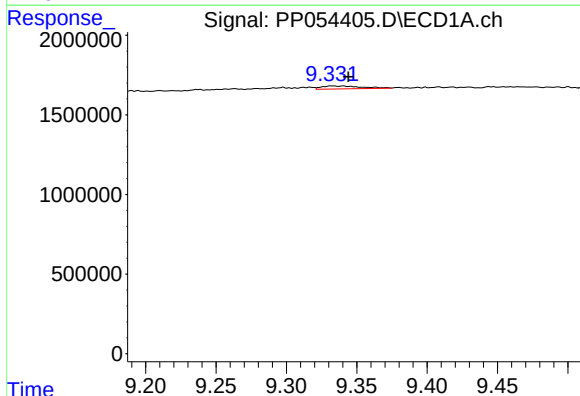
R.T.: 8.684 min
Delta R.T.: -0.002 min
Response: 310853
Conc: 6.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



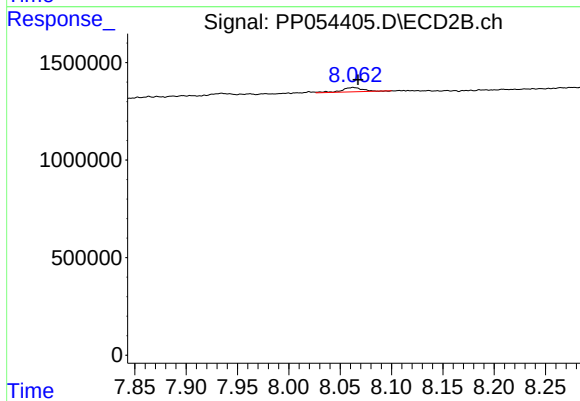
#39 AR-1262-4

R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 745625
Conc: 6.37 ng/ml



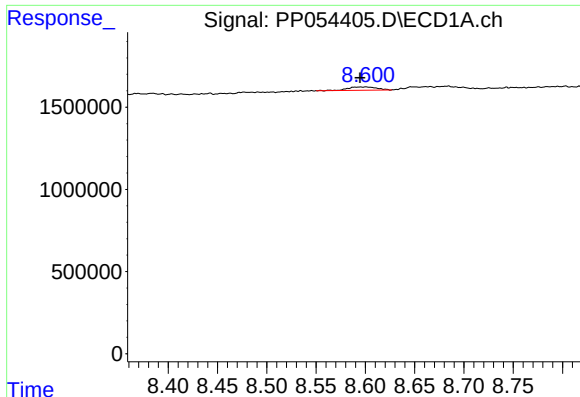
#40 AR-1262-5

R.T.: 9.332 min
Delta R.T.: -0.012 min
Response: 363407
Conc: 6.47 ng/ml



#40 AR-1262-5

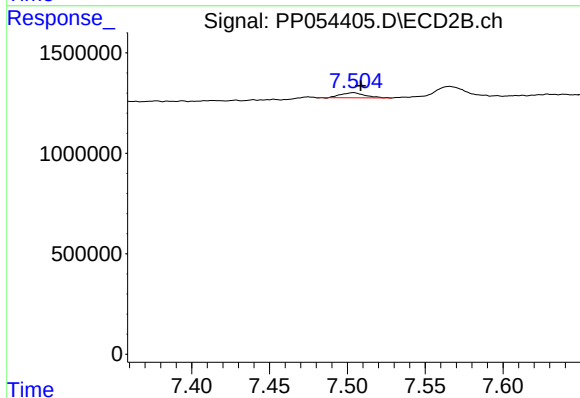
R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 319455
Conc: 5.80 ng/ml



#41 AR-1268-1

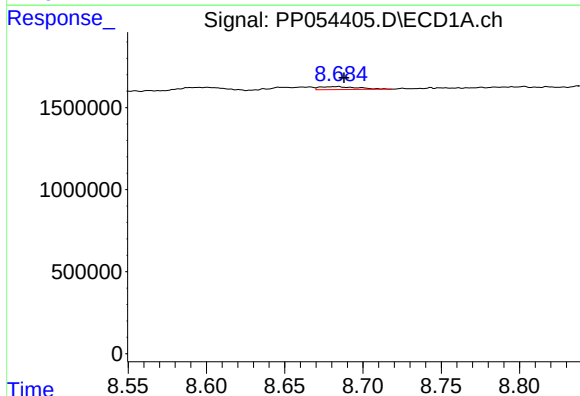
R.T.: 8.600 min
Delta R.T.: 0.006 min
Response: 405248
Conc: 2.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



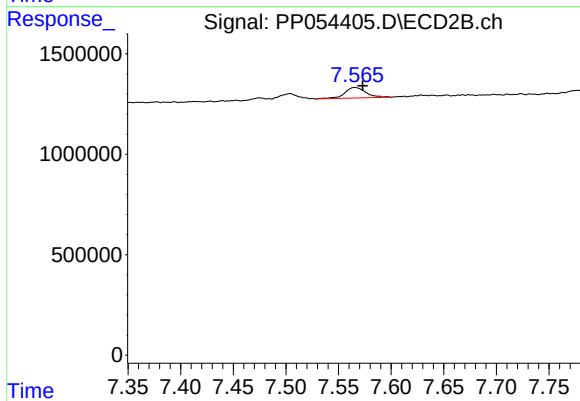
#41 AR-1268-1

R.T.: 7.504 min
Delta R.T.: -0.005 min
Response: 272431
Conc: 1.34 ng/ml



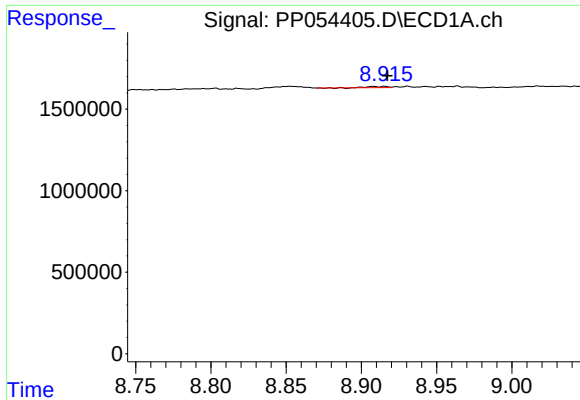
#42 AR-1268-2

R.T.: 8.684 min
Delta R.T.: -0.004 min
Response: 310853
Conc: 1.76 ng/ml



#42 AR-1268-2

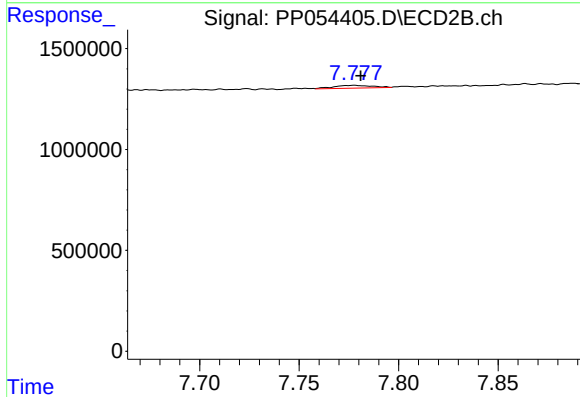
R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 745625
Conc: 4.05 ng/ml



#43 AR-1268-3

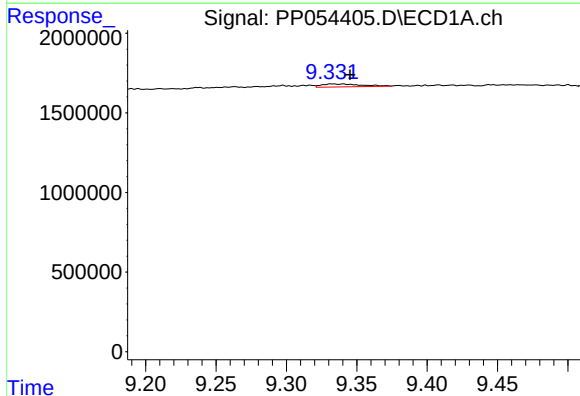
R.T.: 8.916 min
Delta R.T.: -0.002 min
Response: 58286
Conc: 0.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



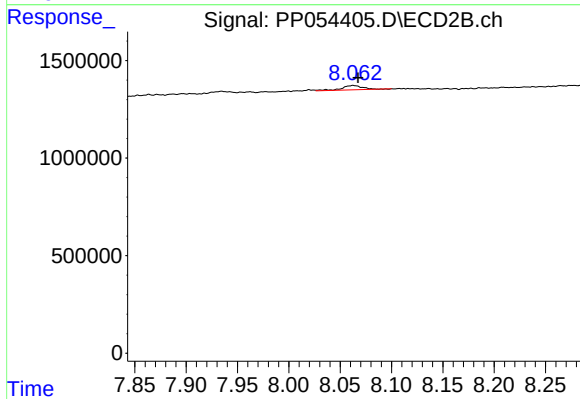
#43 AR-1268-3

R.T.: 7.778 min
Delta R.T.: -0.003 min
Response: 186667
Conc: 1.09 ng/ml



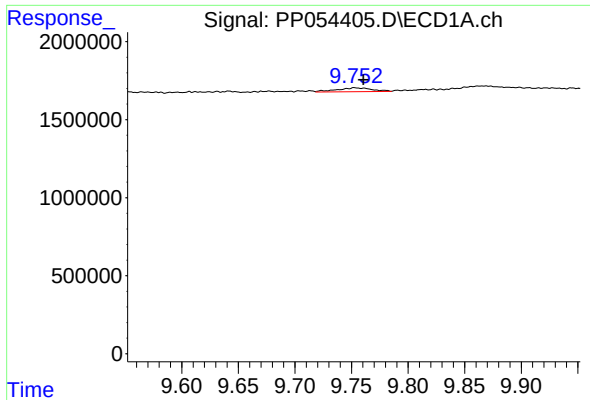
#44 AR-1268-4

R.T.: 9.332 min
Delta R.T.: -0.013 min
Response: 363407
Conc: 5.31 ng/ml



#44 AR-1268-4

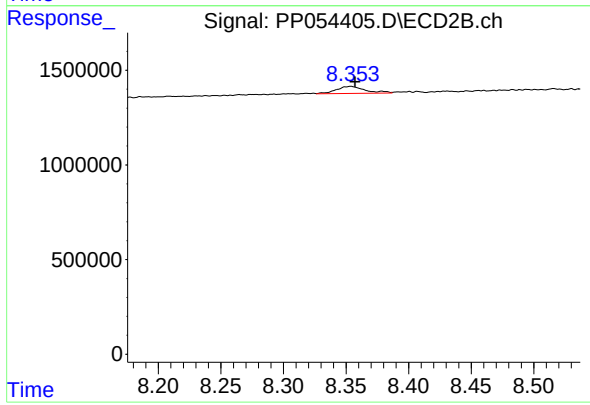
R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 319455
Conc: 5.06 ng/ml



#45 AR-1268-5

R.T.: 9.754 min
Delta R.T.: -0.007 min
Response: 524662
Conc: 1.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 603223
Conc: 1.23 ng/ml