

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO111522\
 Data File : PO090608.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2022 22:59
 Operator : YP/AJ
 Sample : N5616-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 03:57:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 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...	4.301	3.479	82220239	23421440	25.583	22.038
2)	SA Decachlor...	10.051	8.484	60705355	24806830	24.772	24.086
Target Compounds							
3)	L1 AR-1016-1	5.476	4.575	31420564	39441965	295.396	1021.102 #
4)	L1 AR-1016-2	5.499	4.575	40001306	39441965	262.591	737.328 #
5)	L1 AR-1016-3	5.560	4.759	43835636	13135681	463.927	452.442
6)	L1 AR-1016-4	5.657	4.805	28033393	13071973	373.838	526.609 #
7)	L1 AR-1016-5	5.951	5.015	41350252	4598043	535.757	149.680 #
8)	L2 AR-1221-1	4.503	3.692	9028216	2773741	236.522	207.614
9)	L2 AR-1221-2	4.596	3.777	12279817	4953678	431.957	488.103
10)	L2 AR-1221-3	4.674	3.854	65586754	17738135	765.932	570.208 #
11)	L3 AR-1232-1	4.674	3.854	65586754	17738135	1001.576	745.594 #
12)	L3 AR-1232-2	5.206	4.575	82294828	39441965	2140.760	1645.937
13)	L3 AR-1232-3	5.499	4.759	40001306	13135681	596.932	1034.399 #
14)	L3 AR-1232-4	5.657	4.861	28033393	14416418	849.042	1182.399 #
15)	L3 AR-1232-5	5.753	5.015	43407140	4598043	1638.430	344.376 #
16)	L4 AR-1242-1	5.476	4.575	31420564	39441965	379.746	1324.813 #
17)	L4 AR-1242-2	5.499	4.575	40001306	39441965	338.703	969.687 #
18)	L4 AR-1242-3	5.560	4.759	43835636	13135681	588.898	594.042
19)	L4 AR-1242-4	5.657	4.861	28033393	14416418	481.182	607.938 #
20)	L4 AR-1242-5	6.412	5.374	16113139	5511315	262.133	192.670 #
21)	L5 AR-1248-1	5.476	4.575	31420564	39441965	496.789	1737.369 #
22)	L5 AR-1248-2	5.753	4.805	43407140	13071973	458.361	402.068
23)	L5 AR-1248-3	5.951	4.861	41350252	14416418	419.456	427.685
24)	L5 AR-1248-4	6.352	5.015	20929591	4598043	196.303	118.895 #
25)	L5 AR-1248-5	6.412	5.412	16113139	9920895	153.391	273.993 #
26)	L6 AR-1254-1	6.352	5.374	20929591	5511315	180.588	93.562 #
27)	L6 AR-1254-2	6.562	5.522	13612397	6472611	78.262	120.802 #
28)	L6 AR-1254-3	6.944	5.931	4188657	5505274	24.127	66.423 #
29)	L6 AR-1254-4	7.231	6.185	2372457	4141774	18.612	83.395 #
30)	L6 AR-1254-5	7.639	6.598	1586943	2205681	11.266	29.458 #
31)	L7 AR-1260-1	7.088	6.057	8194944	2257092	58.458	37.492 #
32)	L7 AR-1260-2	7.353	6.224	3978748	789450	24.594	10.928 #
33)	L7 AR-1260-3	7.733	6.389	1261471	891736	12.008	13.383
34)	L7 AR-1260-4	7.949	6.889	6599100	1195588	53.416	23.501 #
35)	L7 AR-1260-5	8.249	7.159	8457063	1358542	37.164	11.696 #
36)	L8 AR-1262-1	7.733	6.598	1261471	2205681	7.610	29.109 #
37)	L8 AR-1262-2	8.249	7.159f	8457063	1358542	30.100	10.594 #
38)	L8 AR-1262-3	8.583	7.411	457052	275648	2.328	5.062 #
39)	L8 AR-1262-4	8.652	7.467	7407917	4334469	76.132	44.630 #
40)	L8 AR-1262-5	9.350f	7.977	15143174	2597927	143.712	54.739 #
41)	L9 AR-1268-1	8.583	7.411	457052	275648	1.311	1.750 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111522\
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 Operator : YP/AJ
 Sample : N5616-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

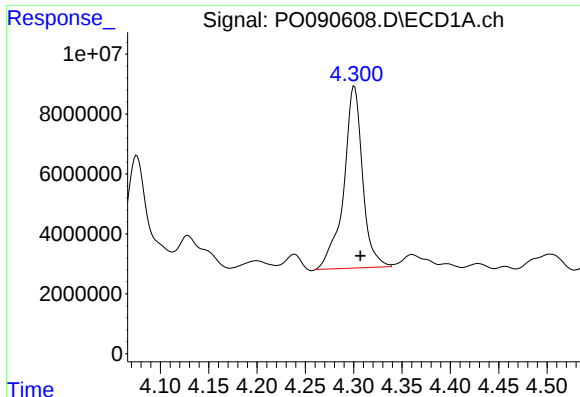
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 03:57:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
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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	8.652	7.467	7407917	4334469	23.746	30.893 #
43) L9	AR-1268-3	8.872	7.690	825677	1698073	3.073	14.150 #
44) L9	AR-1268-4	9.350f	7.977	15143174	2597927	129.961	47.835 #
45) L9	AR-1268-5	9.710	8.225	140045	509623	0.163	1.456 #

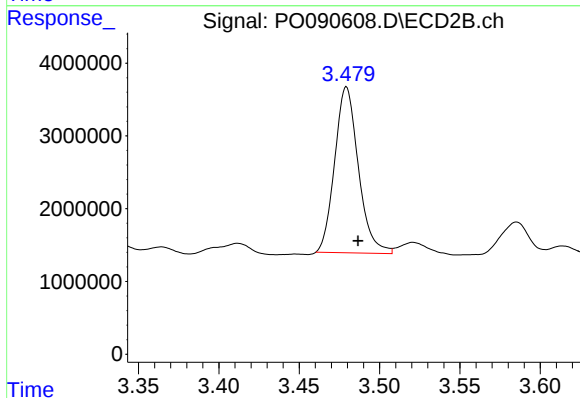
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

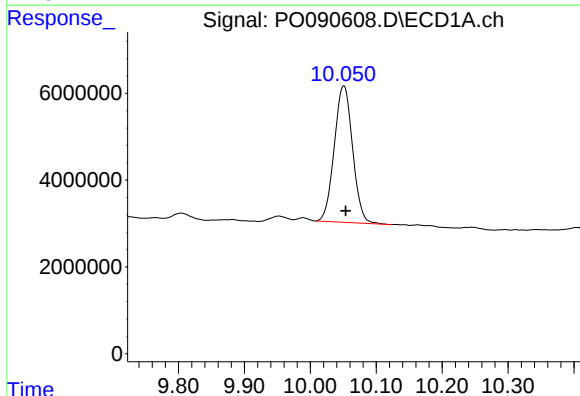
R.T.: 4.301 min
Delta R.T.: -0.006 min
Response: 82220239
Conc: 25.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



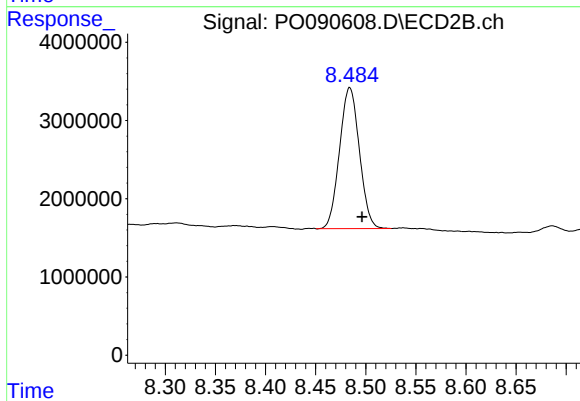
#1 Tetrachloro-m-xylene

R.T.: 3.479 min
Delta R.T.: -0.007 min
Response: 23421440
Conc: 22.04 ng/ml



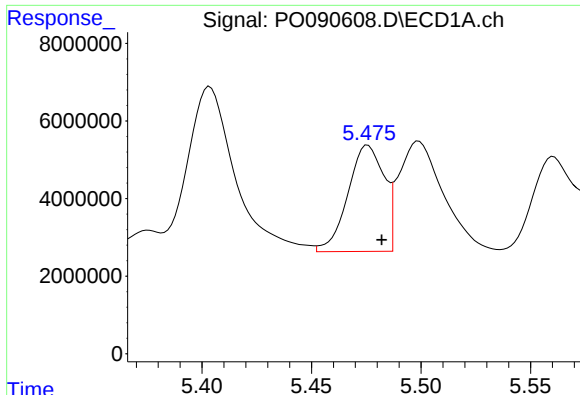
#2 Decachlorobiphenyl

R.T.: 10.051 min
Delta R.T.: -0.003 min
Response: 60705355
Conc: 24.77 ng/ml



#2 Decachlorobiphenyl

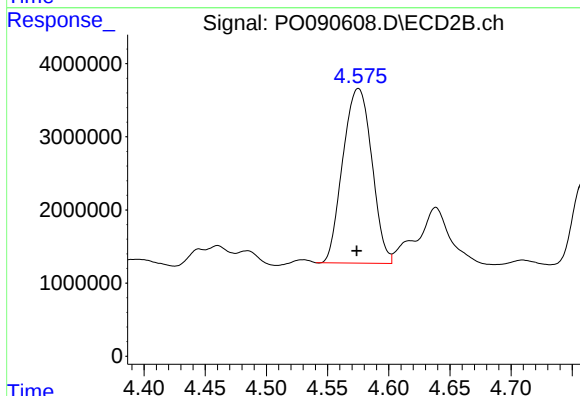
R.T.: 8.484 min
Delta R.T.: -0.012 min
Response: 24806830
Conc: 24.09 ng/ml



#3 AR-1016-1

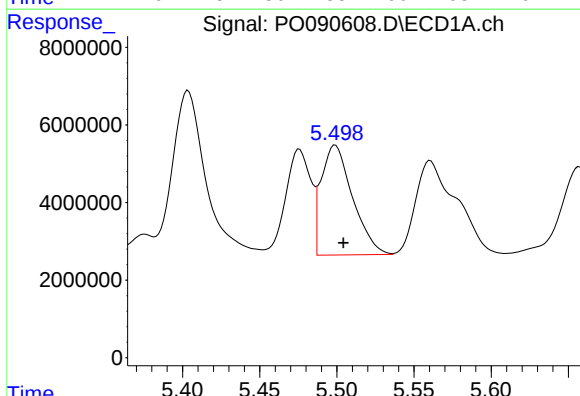
R.T.: 5.476 min
Delta R.T.: -0.006 min
Response: 31420564
Conc: 295.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



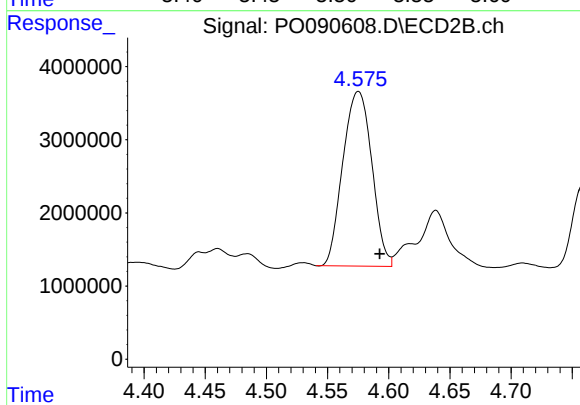
#3 AR-1016-1

R.T.: 4.575 min
Delta R.T.: 0.002 min
Response: 39441965
Conc: 1021.10 ng/ml



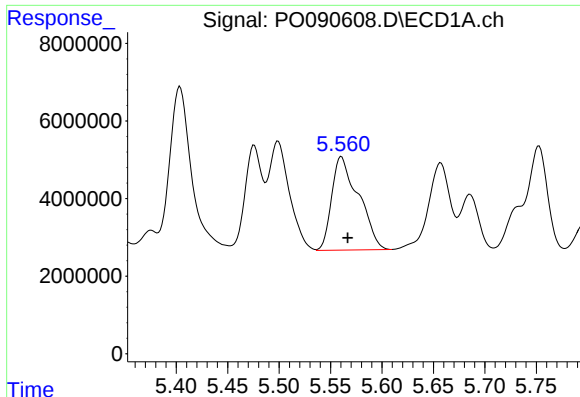
#4 AR-1016-2

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 40001306
Conc: 262.59 ng/ml



#4 AR-1016-2

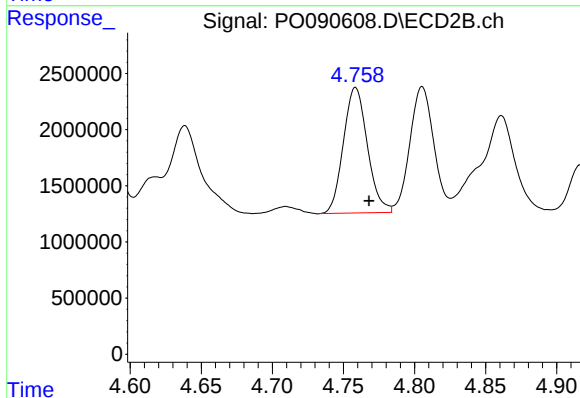
R.T.: 4.575 min
Delta R.T.: -0.017 min
Response: 39441965
Conc: 737.33 ng/ml



#5 AR-1016-3

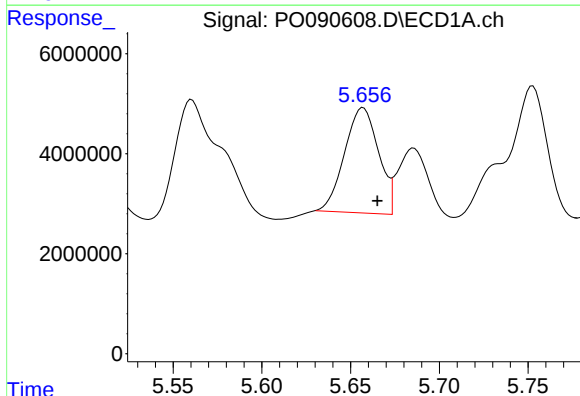
R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 43835636
Conc: 463.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



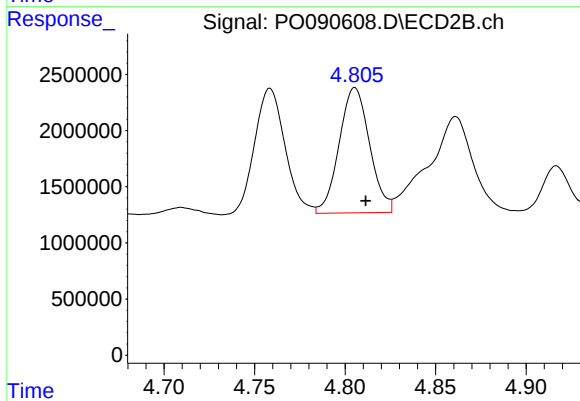
#5 AR-1016-3

R.T.: 4.759 min
Delta R.T.: -0.010 min
Response: 13135681
Conc: 452.44 ng/ml



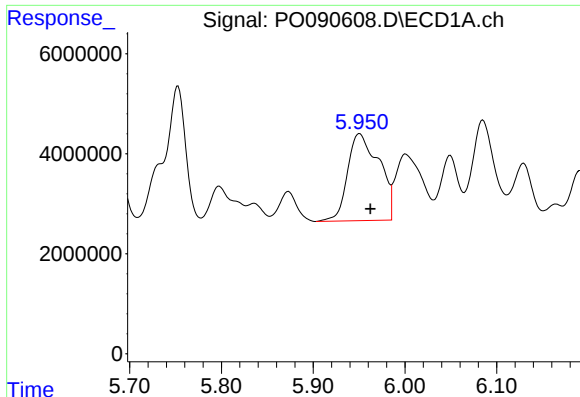
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.008 min
Response: 28033393
Conc: 373.84 ng/ml



#6 AR-1016-4

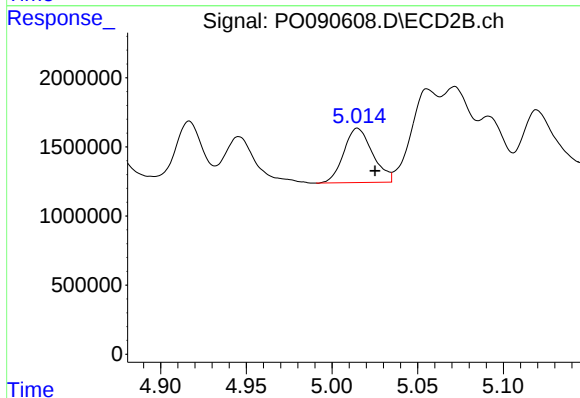
R.T.: 4.805 min
Delta R.T.: -0.006 min
Response: 13071973
Conc: 526.61 ng/ml



#7 AR-1016-5

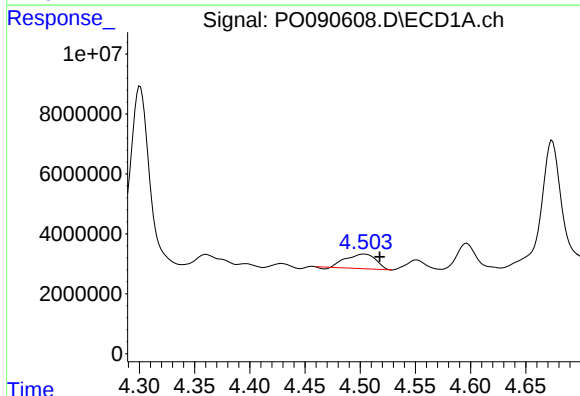
R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 41350252
Conc: 535.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



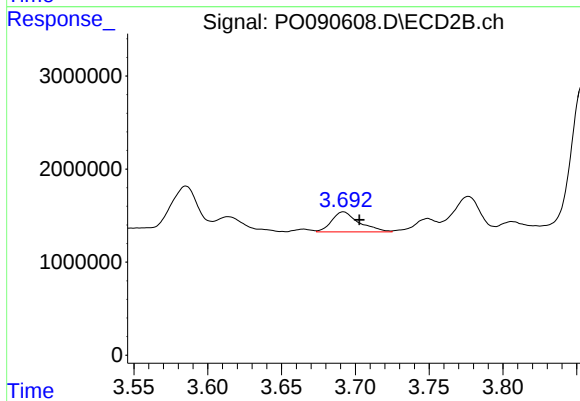
#7 AR-1016-5

R.T.: 5.015 min
Delta R.T.: -0.010 min
Response: 4598043
Conc: 149.68 ng/ml



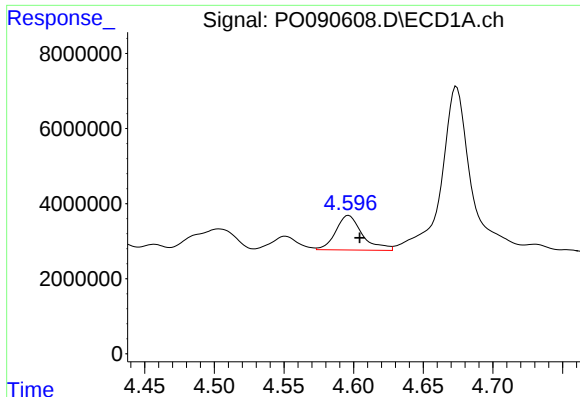
#8 AR-1221-1

R.T.: 4.503 min
Delta R.T.: -0.014 min
Response: 9028216
Conc: 236.52 ng/ml



#8 AR-1221-1

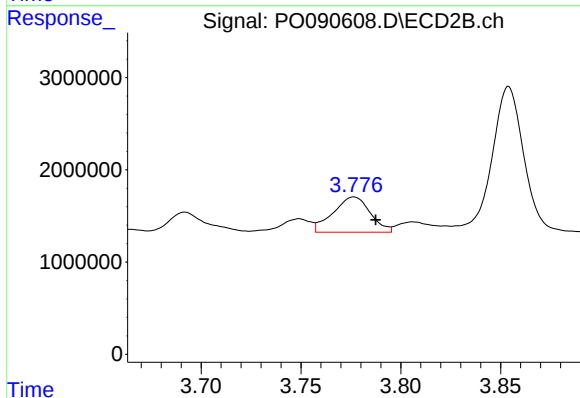
R.T.: 3.692 min
Delta R.T.: -0.011 min
Response: 2773741
Conc: 207.61 ng/ml



#9 AR-1221-2

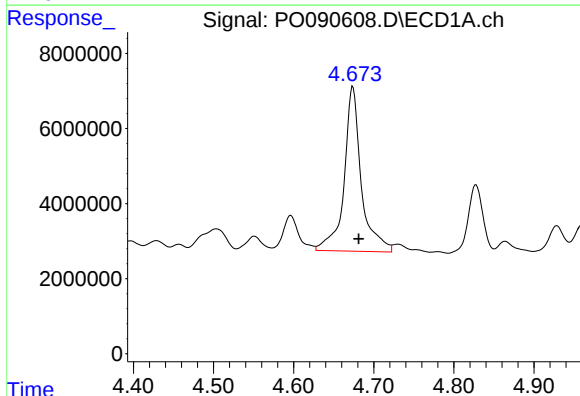
R.T.: 4.596 min
Delta R.T.: -0.008 min
Response: 12279817
Conc: 431.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



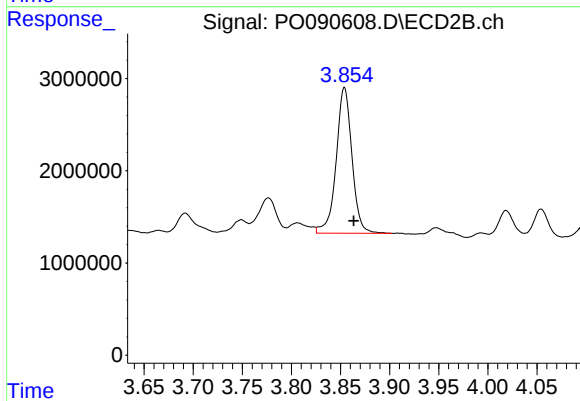
#9 AR-1221-2

R.T.: 3.777 min
Delta R.T.: -0.011 min
Response: 4953678
Conc: 488.10 ng/ml



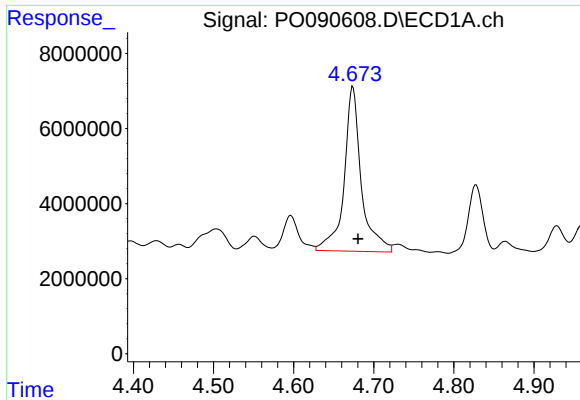
#10 AR-1221-3

R.T.: 4.674 min
Delta R.T.: -0.007 min
Response: 65586754
Conc: 765.93 ng/ml



#10 AR-1221-3

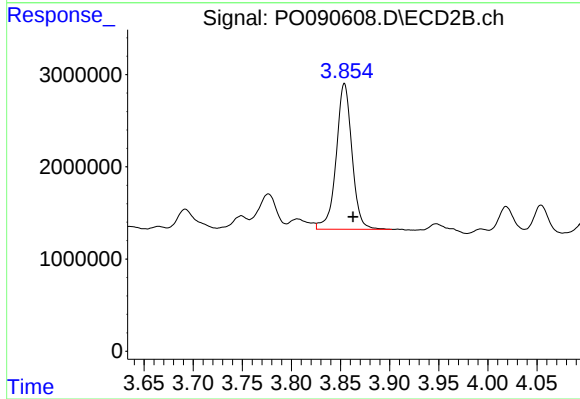
R.T.: 3.854 min
Delta R.T.: -0.010 min
Response: 17738135
Conc: 570.21 ng/ml



#11 AR-1232-1

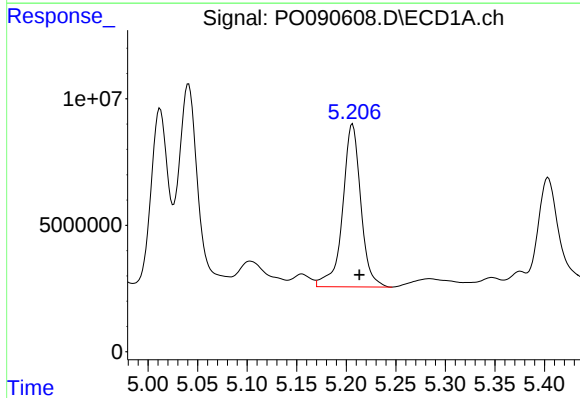
R.T.: 4.674 min
Delta R.T.: -0.007 min
Response: 65586754
Conc: 1001.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



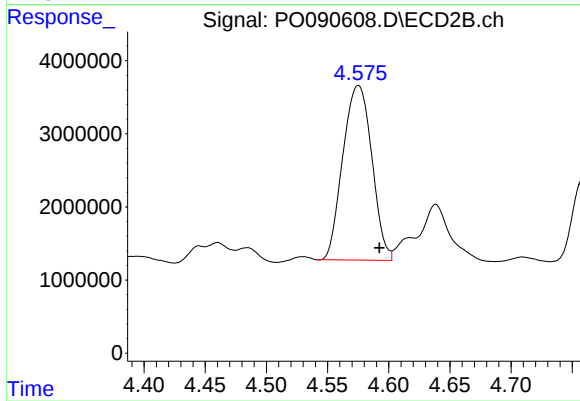
#11 AR-1232-1

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 17738135
Conc: 745.59 ng/ml



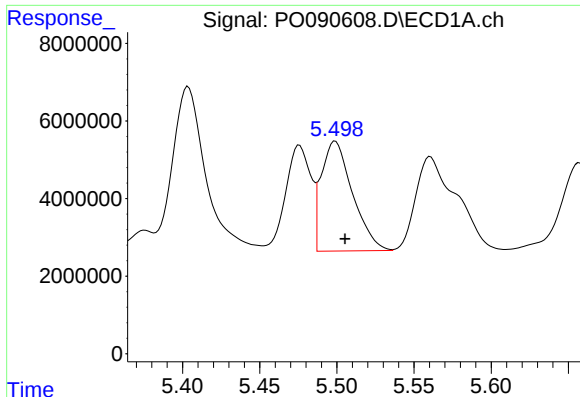
#12 AR-1232-2

R.T.: 5.206 min
Delta R.T.: -0.007 min
Response: 82294828
Conc: 2140.76 ng/ml



#12 AR-1232-2

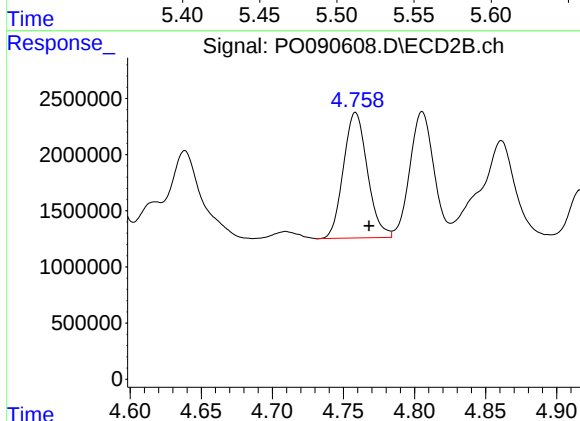
R.T.: 4.575 min
Delta R.T.: -0.017 min
Response: 39441965
Conc: 1645.94 ng/ml



#13 AR-1232-3

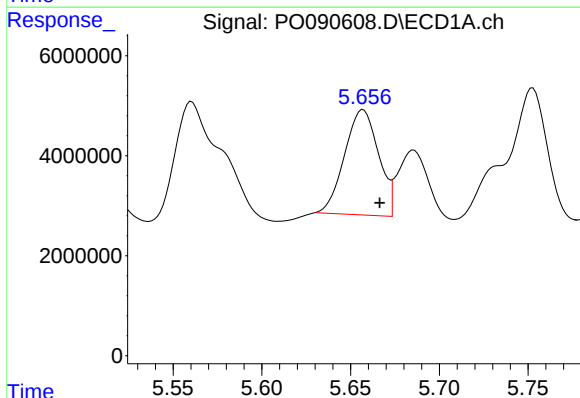
R.T.: 5.499 min
Delta R.T.: -0.006 min
Response: 40001306
Conc: 596.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



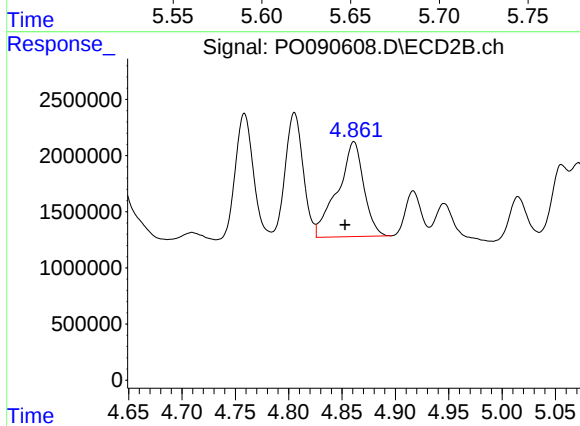
#13 AR-1232-3

R.T.: 4.759 min
Delta R.T.: -0.010 min
Response: 13135681
Conc: 1034.40 ng/ml



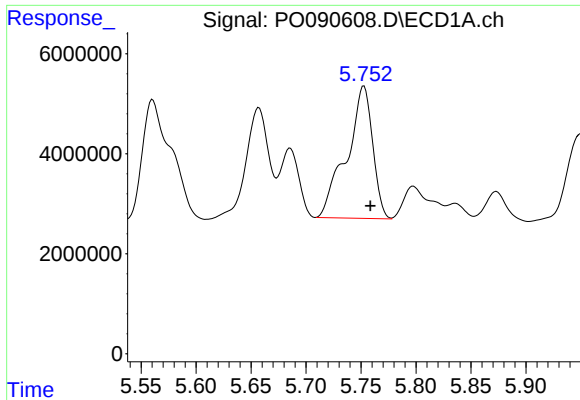
#14 AR-1232-4

R.T.: 5.657 min
Delta R.T.: -0.009 min
Response: 28033393
Conc: 849.04 ng/ml



#14 AR-1232-4

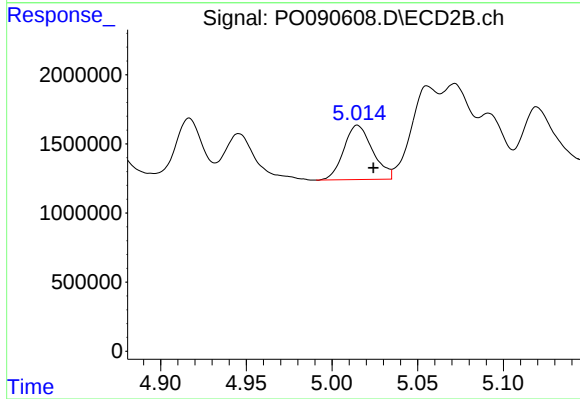
R.T.: 4.861 min
Delta R.T.: 0.008 min
Response: 14416418
Conc: 1182.40 ng/ml



#15 AR-1232-5

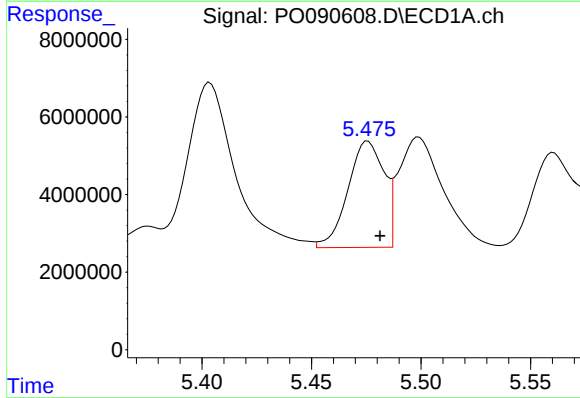
R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 43407140
Conc: 1638.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



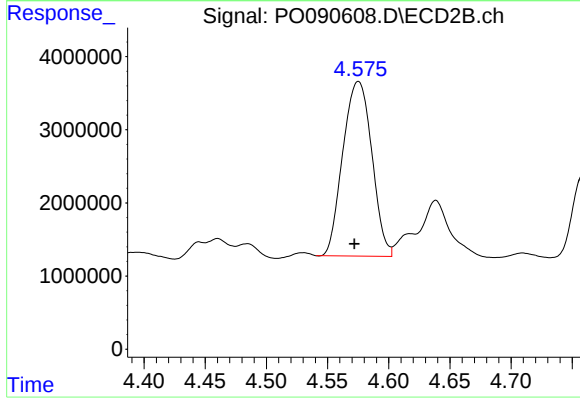
#15 AR-1232-5

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 4598043
Conc: 344.38 ng/ml



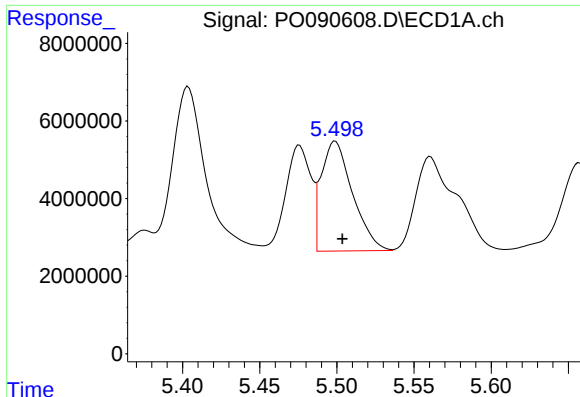
#16 AR-1242-1

R.T.: 5.476 min
Delta R.T.: -0.006 min
Response: 31420564
Conc: 379.75 ng/ml



#16 AR-1242-1

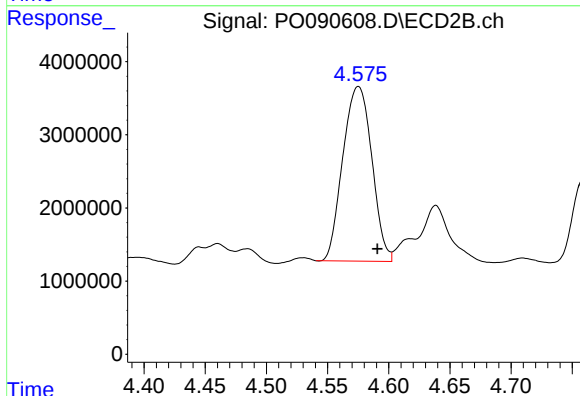
R.T.: 4.575 min
Delta R.T.: 0.003 min
Response: 39441965
Conc: 1324.81 ng/ml



#17 AR-1242-2

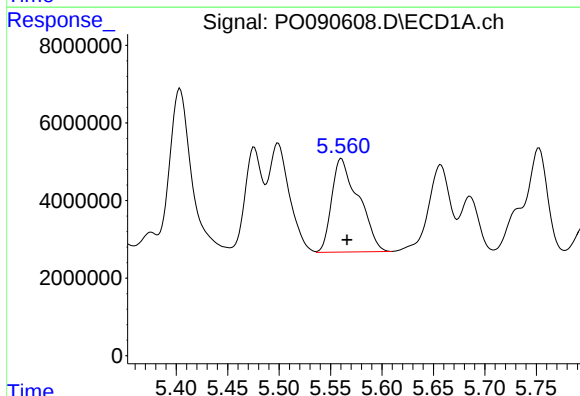
R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 40001306
Conc: 338.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



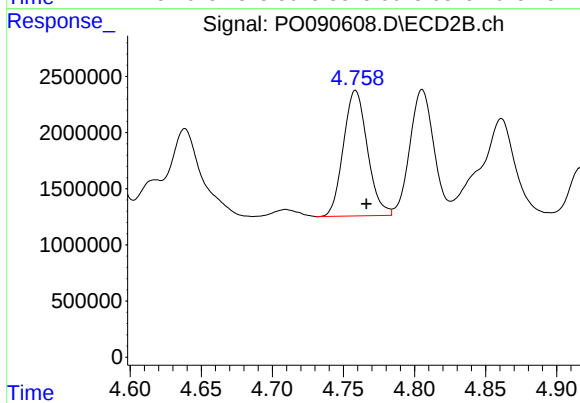
#17 AR-1242-2

R.T.: 4.575 min
Delta R.T.: -0.015 min
Response: 39441965
Conc: 969.69 ng/ml



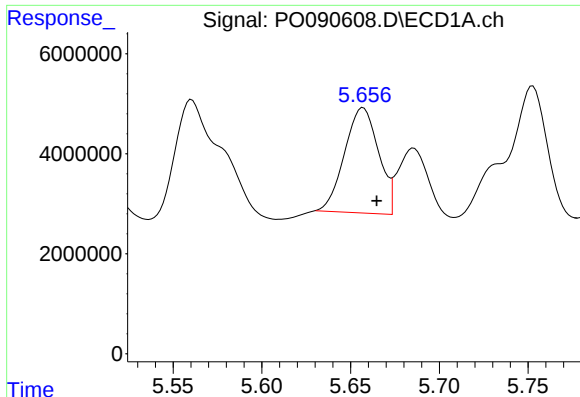
#18 AR-1242-3

R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 43835636
Conc: 588.90 ng/ml



#18 AR-1242-3

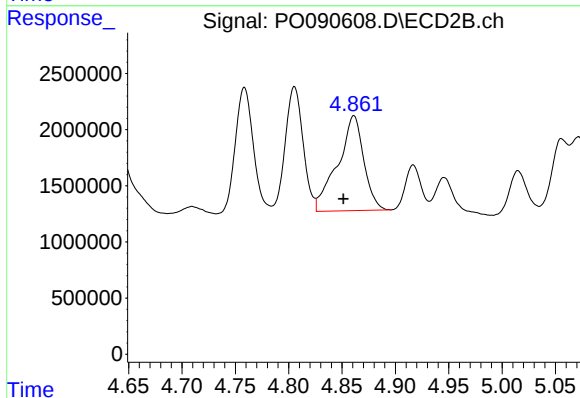
R.T.: 4.759 min
Delta R.T.: -0.008 min
Response: 13135681
Conc: 594.04 ng/ml



#19 AR-1242-4

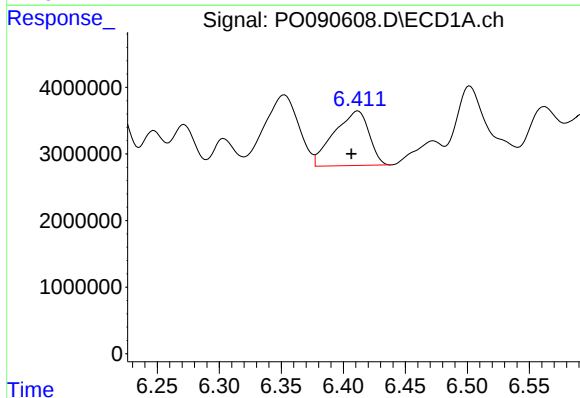
R.T.: 5.657 min
Delta R.T.: -0.008 min
Response: 28033393
Conc: 481.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



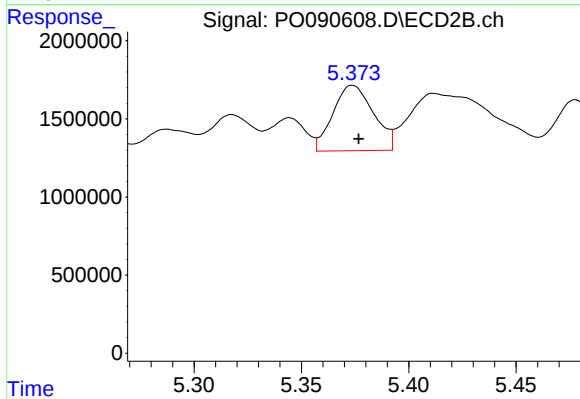
#19 AR-1242-4

R.T.: 4.861 min
Delta R.T.: 0.010 min
Response: 14416418
Conc: 607.94 ng/ml



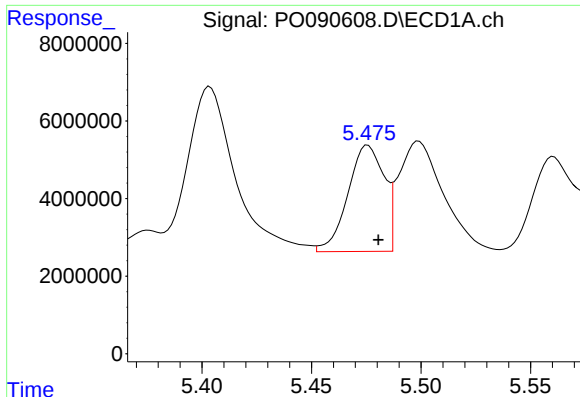
#20 AR-1242-5

R.T.: 6.412 min
Delta R.T.: 0.005 min
Response: 16113139
Conc: 262.13 ng/ml



#20 AR-1242-5

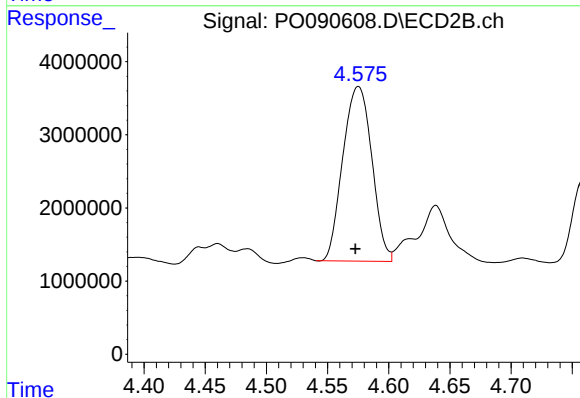
R.T.: 5.374 min
Delta R.T.: -0.003 min
Response: 5511315
Conc: 192.67 ng/ml



#21 AR-1248-1

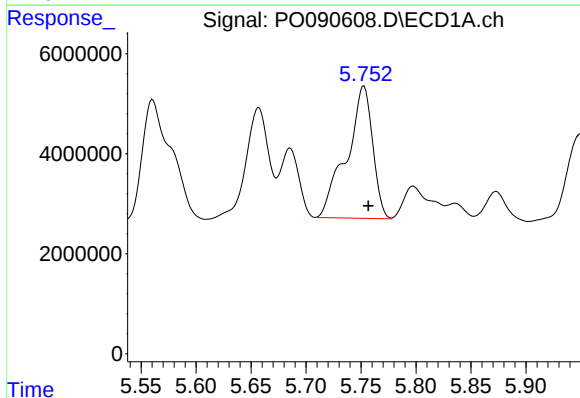
R.T.: 5.476 min
Delta R.T.: -0.005 min
Response: 31420564
Conc: 496.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



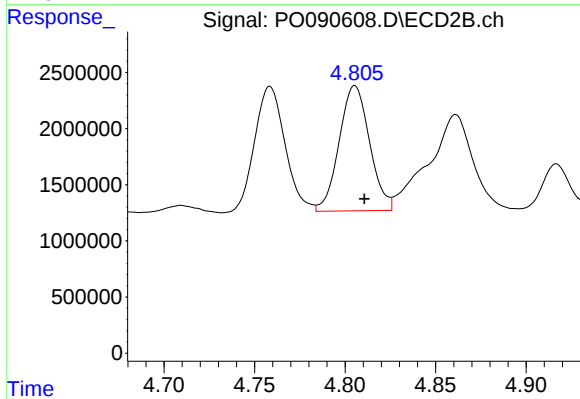
#21 AR-1248-1

R.T.: 4.575 min
Delta R.T.: 0.002 min
Response: 39441965
Conc: 1737.37 ng/ml



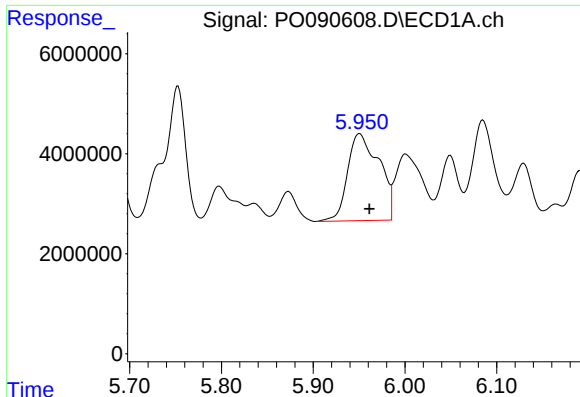
#22 AR-1248-2

R.T.: 5.753 min
Delta R.T.: -0.004 min
Response: 43407140
Conc: 458.36 ng/ml



#22 AR-1248-2

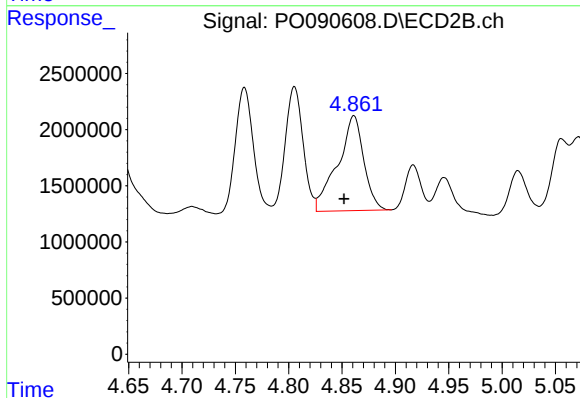
R.T.: 4.805 min
Delta R.T.: -0.005 min
Response: 13071973
Conc: 402.07 ng/ml



#23 AR-1248-3

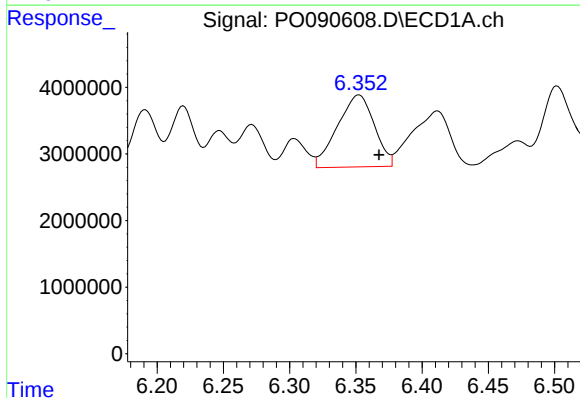
R.T.: 5.951 min
Delta R.T.: -0.011 min
Response: 41350252
Conc: 419.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



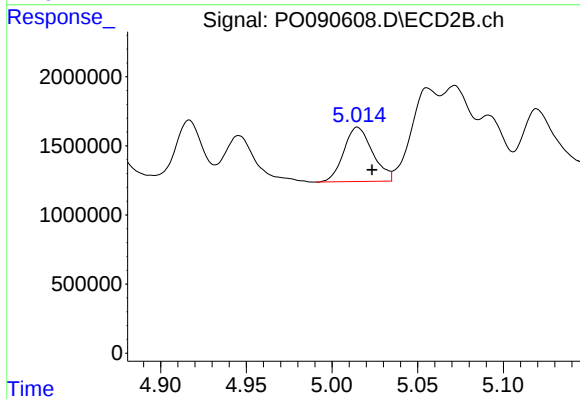
#23 AR-1248-3

R.T.: 4.861 min
Delta R.T.: 0.009 min
Response: 14416418
Conc: 427.68 ng/ml



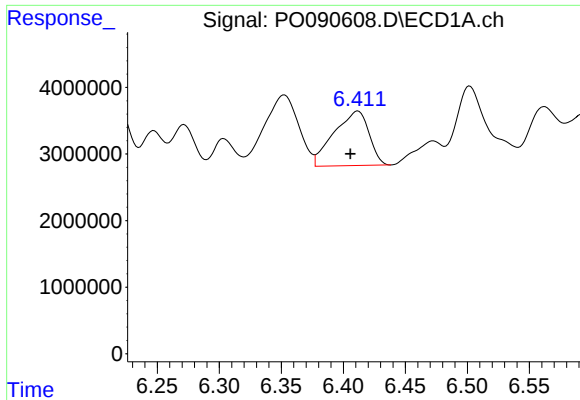
#24 AR-1248-4

R.T.: 6.352 min
Delta R.T.: -0.015 min
Response: 20929591
Conc: 196.30 ng/ml



#24 AR-1248-4

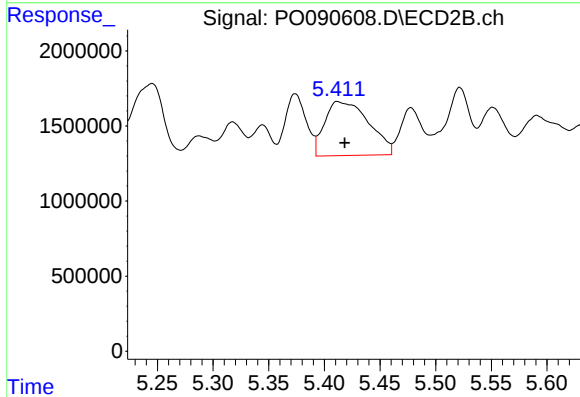
R.T.: 5.015 min
Delta R.T.: -0.008 min
Response: 4598043
Conc: 118.89 ng/ml



#25 AR-1248-5

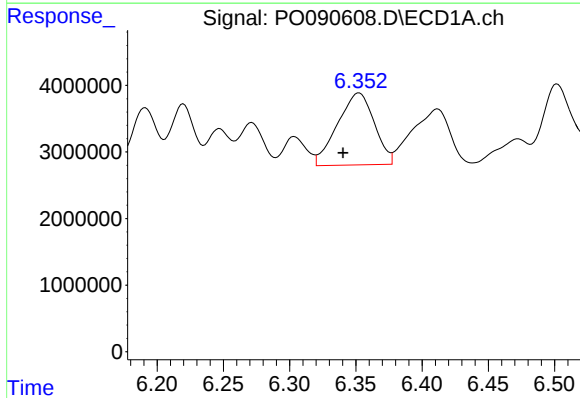
R.T.: 6.412 min
Delta R.T.: 0.006 min
Response: 16113139
Conc: 153.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



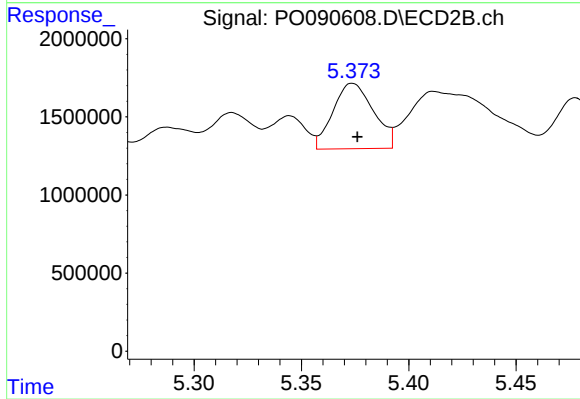
#25 AR-1248-5

R.T.: 5.412 min
Delta R.T.: -0.007 min
Response: 9920895
Conc: 273.99 ng/ml



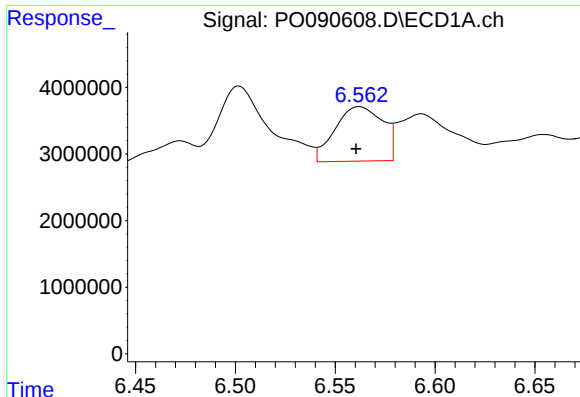
#26 AR-1254-1

R.T.: 6.352 min
Delta R.T.: 0.012 min
Response: 20929591
Conc: 180.59 ng/ml



#26 AR-1254-1

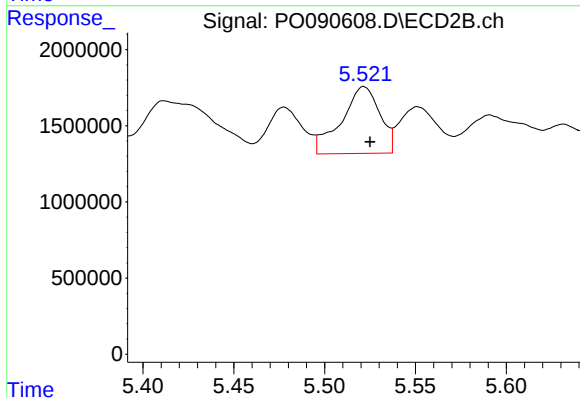
R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 5511315
Conc: 93.56 ng/ml



#27 AR-1254-2

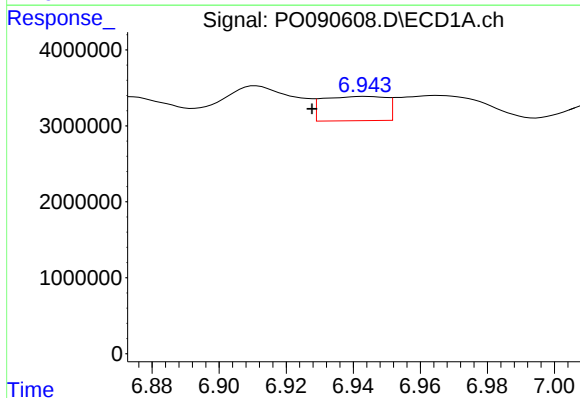
R.T.: 6.562 min
Delta R.T.: 0.002 min
Response: 13612397
Conc: 78.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



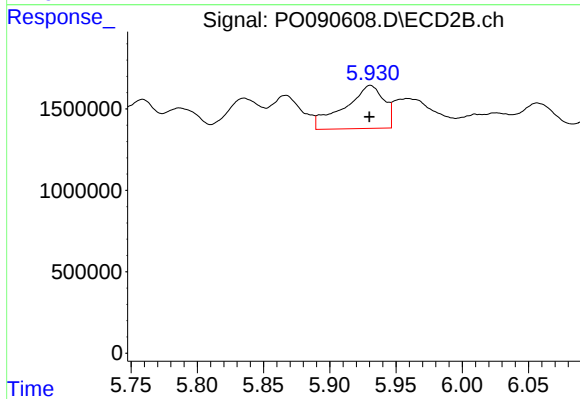
#27 AR-1254-2

R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 6472611
Conc: 120.80 ng/ml



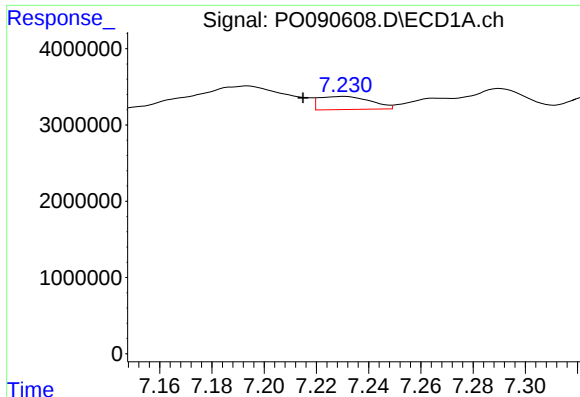
#28 AR-1254-3

R.T.: 6.944 min
Delta R.T.: 0.016 min
Response: 4188657
Conc: 24.13 ng/ml



#28 AR-1254-3

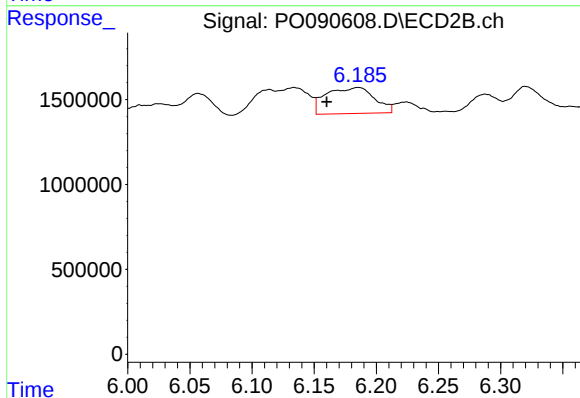
R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 5505274
Conc: 66.42 ng/ml



#29 AR-1254-4

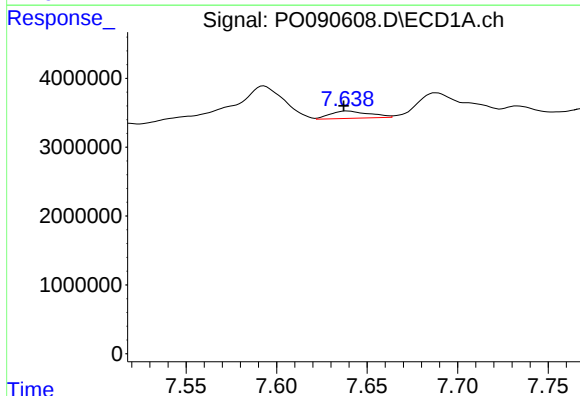
R.T.: 7.231 min
Delta R.T.: 0.016 min
Response: 2372457
Conc: 18.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



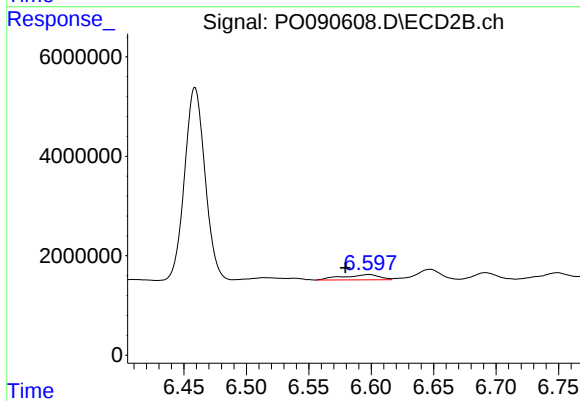
#29 AR-1254-4

R.T.: 6.185 min
Delta R.T.: 0.025 min
Response: 4141774
Conc: 83.40 ng/ml



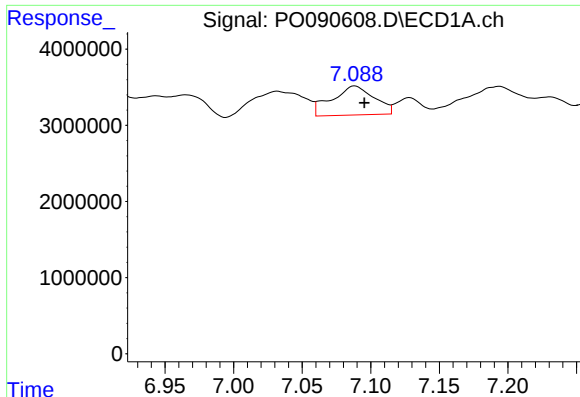
#30 AR-1254-5

R.T.: 7.639 min
Delta R.T.: 0.002 min
Response: 1586943
Conc: 11.27 ng/ml



#30 AR-1254-5

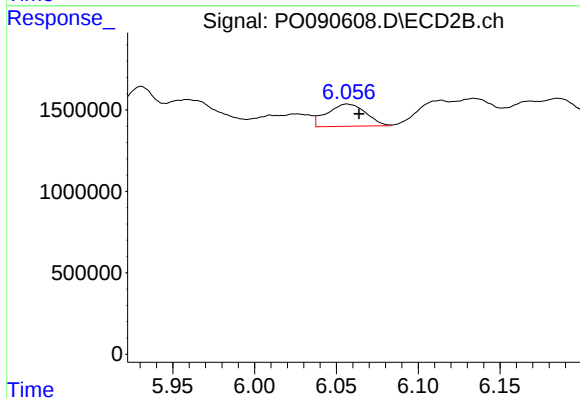
R.T.: 6.598 min
Delta R.T.: 0.019 min
Response: 2205681
Conc: 29.46 ng/ml



#31 AR-1260-1

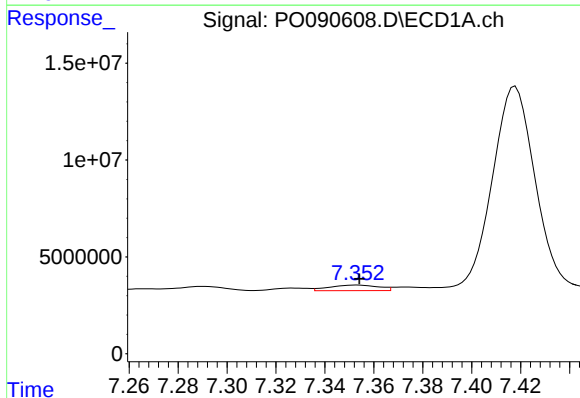
R.T.: 7.088 min
Delta R.T.: -0.007 min
Response: 8194944
Conc: 58.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



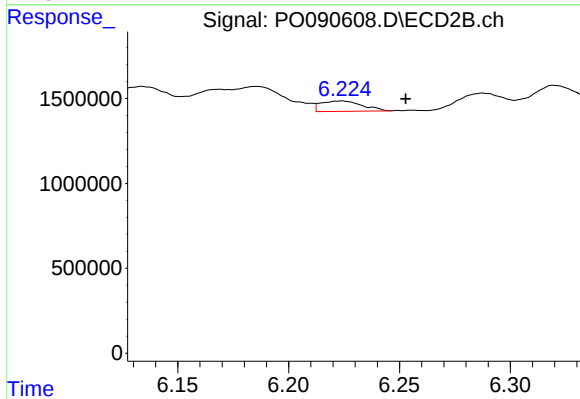
#31 AR-1260-1

R.T.: 6.057 min
Delta R.T.: -0.007 min
Response: 2257092
Conc: 37.49 ng/ml



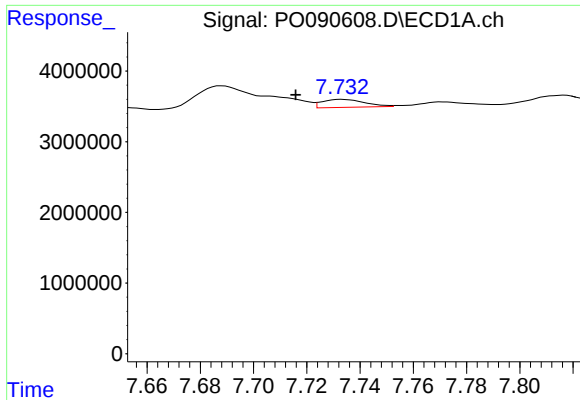
#32 AR-1260-2

R.T.: 7.353 min
Delta R.T.: -0.001 min
Response: 3978748
Conc: 24.59 ng/ml



#32 AR-1260-2

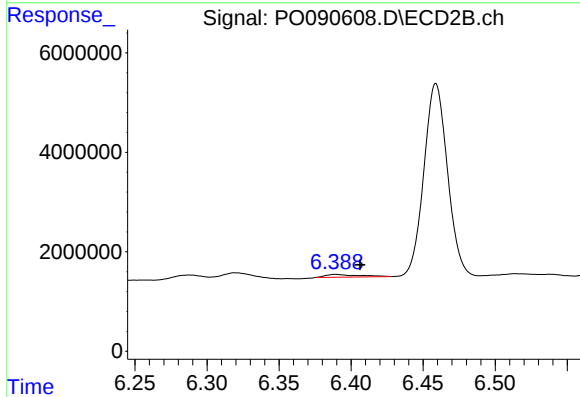
R.T.: 6.224 min
Delta R.T.: -0.029 min
Response: 789450
Conc: 10.93 ng/ml



#33 AR-1260-3

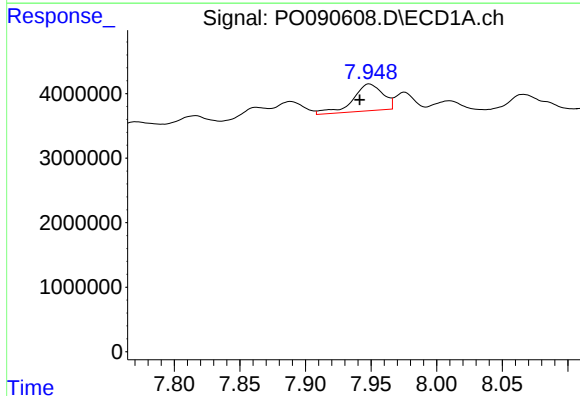
R.T.: 7.733 min
Delta R.T.: 0.017 min
Response: 1261471
Conc: 12.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



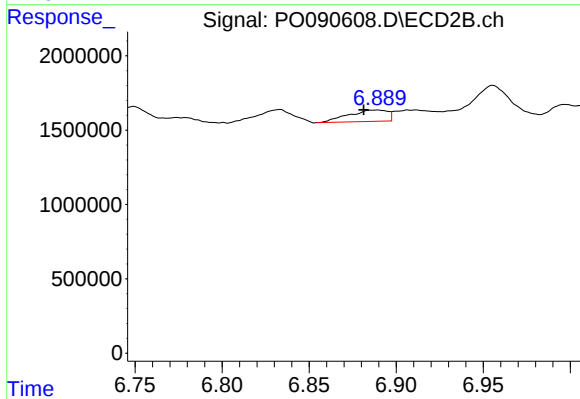
#33 AR-1260-3

R.T.: 6.389 min
Delta R.T.: -0.017 min
Response: 891736
Conc: 13.38 ng/ml



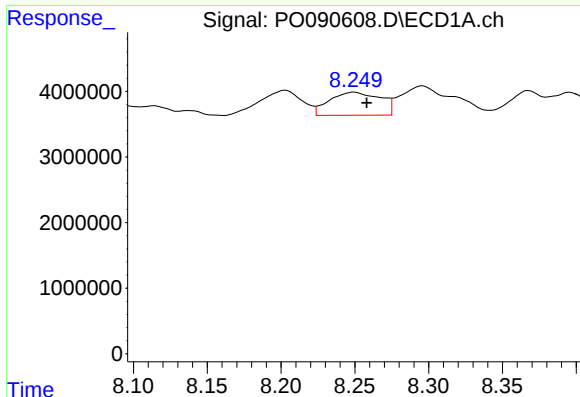
#34 AR-1260-4

R.T.: 7.949 min
Delta R.T.: 0.007 min
Response: 6599100
Conc: 53.42 ng/ml



#34 AR-1260-4

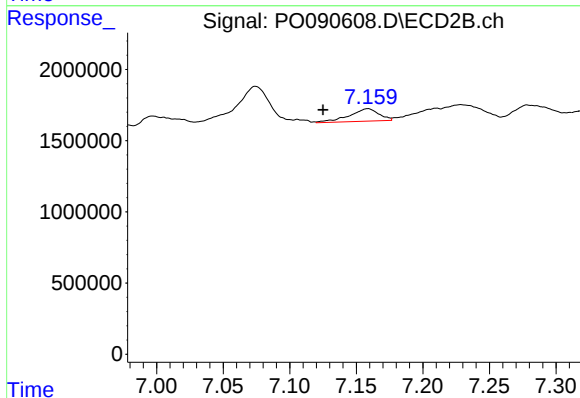
R.T.: 6.889 min
Delta R.T.: 0.007 min
Response: 1195588
Conc: 23.50 ng/ml



#35 AR-1260-5

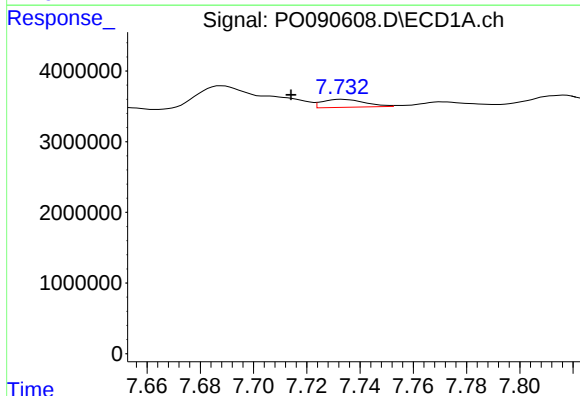
R.T.: 8.249 min
Delta R.T.: -0.009 min
Response: 8457063
Conc: 37.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



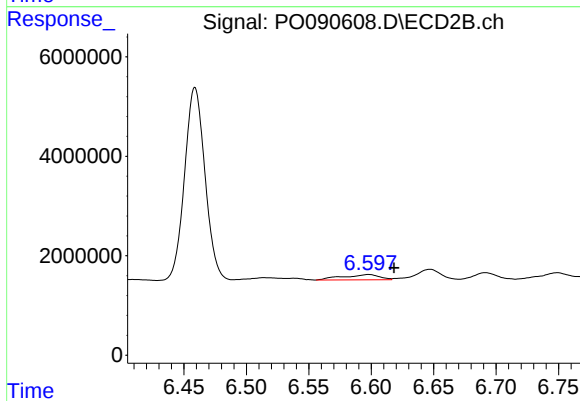
#35 AR-1260-5

R.T.: 7.159 min
Delta R.T.: 0.034 min
Response: 1358542
Conc: 11.70 ng/ml



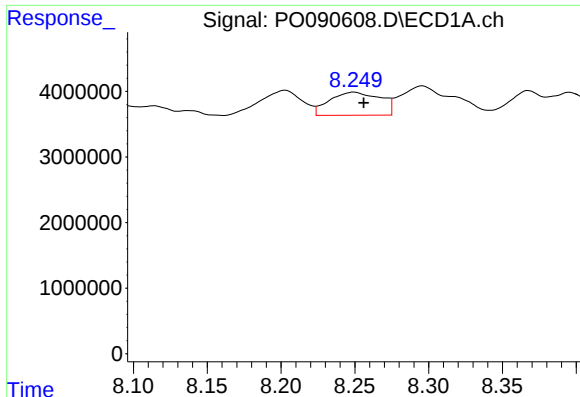
#36 AR-1262-1

R.T.: 7.733 min
Delta R.T.: 0.019 min
Response: 1261471
Conc: 7.61 ng/ml



#36 AR-1262-1

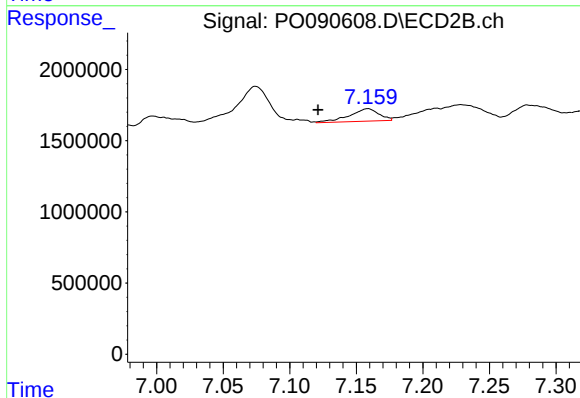
R.T.: 6.598 min
Delta R.T.: -0.020 min
Response: 2205681
Conc: 29.11 ng/ml



#37 AR-1262-2

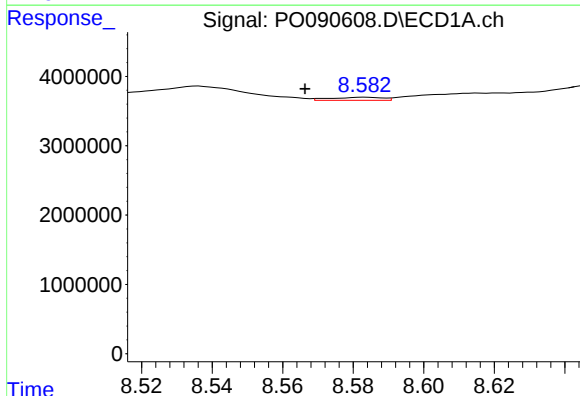
R.T.: 8.249 min
Delta R.T.: -0.007 min
Response: 8457063
Conc: 30.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



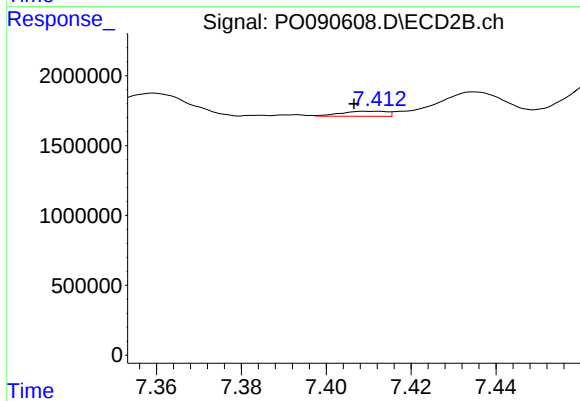
#37 AR-1262-2

R.T.: 7.159 min
Delta R.T.: 0.037 min
Response: 1358542
Conc: 10.59 ng/ml



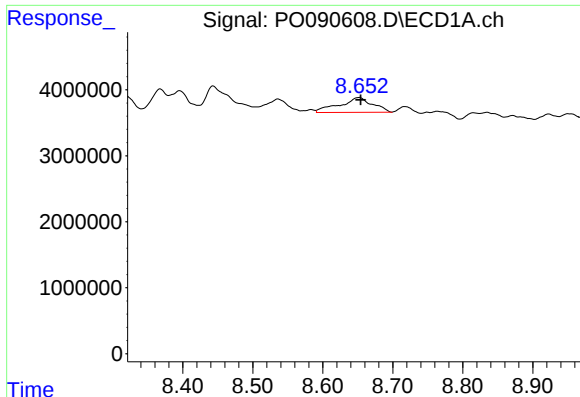
#38 AR-1262-3

R.T.: 8.583 min
Delta R.T.: 0.017 min
Response: 457052
Conc: 2.33 ng/ml



#38 AR-1262-3

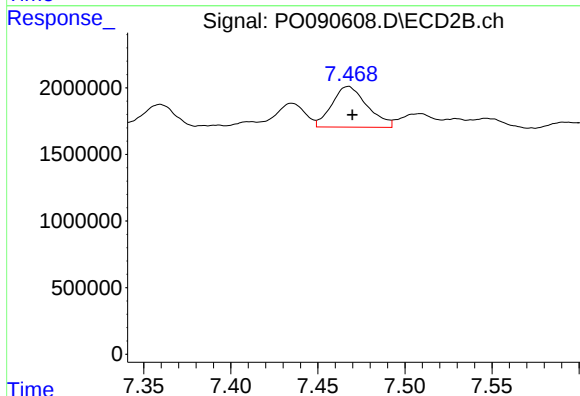
R.T.: 7.411 min
Delta R.T.: 0.005 min
Response: 275648
Conc: 5.06 ng/ml



#39 AR-1262-4

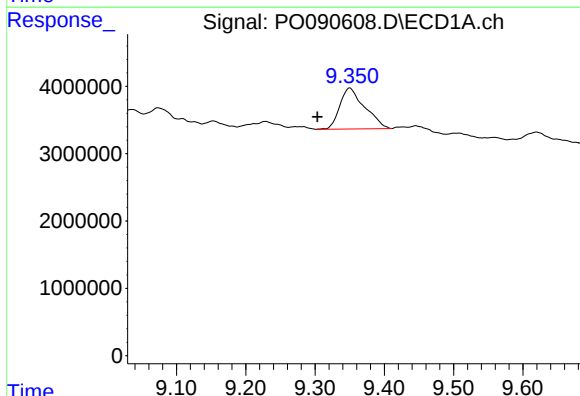
R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 7407917
Conc: 76.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



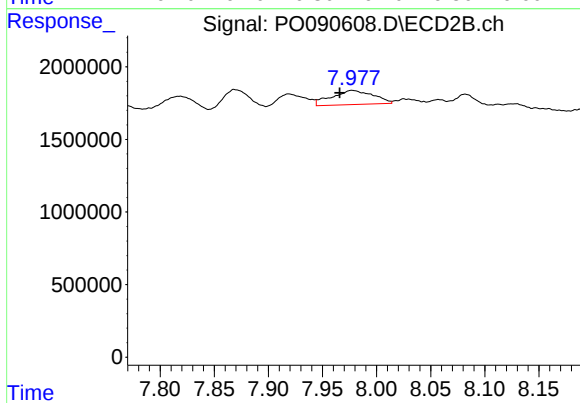
#39 AR-1262-4

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 4334469
Conc: 44.63 ng/ml



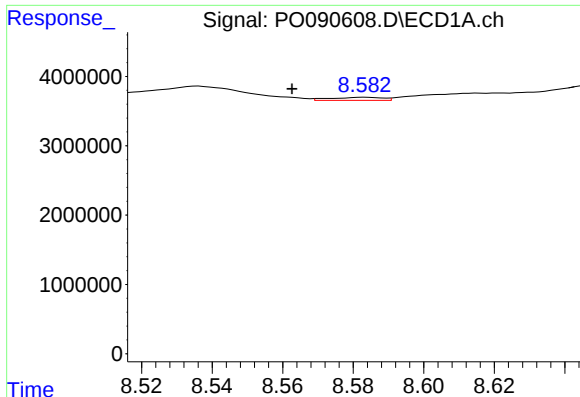
#40 AR-1262-5

R.T.: 9.350 min
Delta R.T.: 0.047 min
Response: 15143174
Conc: 143.71 ng/ml



#40 AR-1262-5

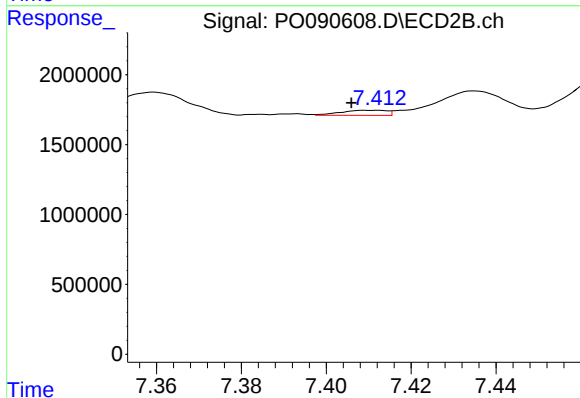
R.T.: 7.977 min
Delta R.T.: 0.011 min
Response: 2597927
Conc: 54.74 ng/ml



#41 AR-1268-1

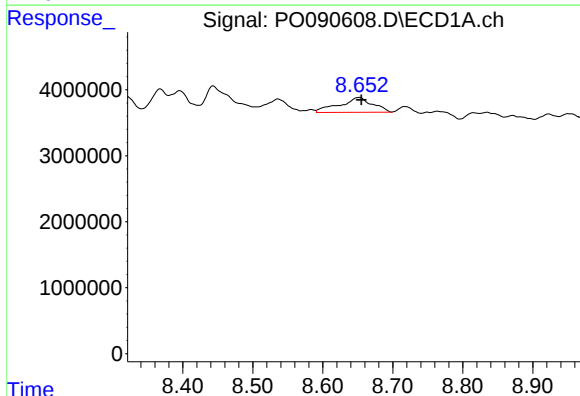
R.T.: 8.583 min
Delta R.T.: 0.021 min
Response: 457052
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



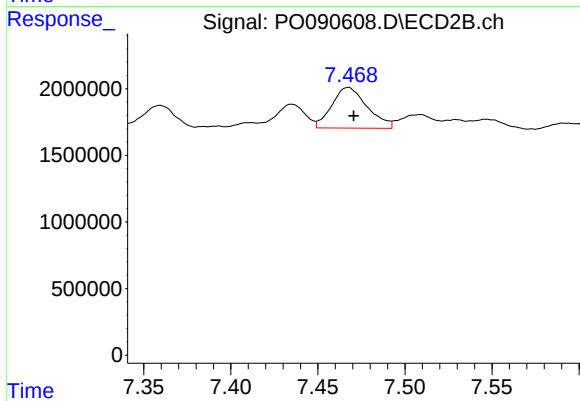
#41 AR-1268-1

R.T.: 7.411 min
Delta R.T.: 0.005 min
Response: 275648
Conc: 1.75 ng/ml



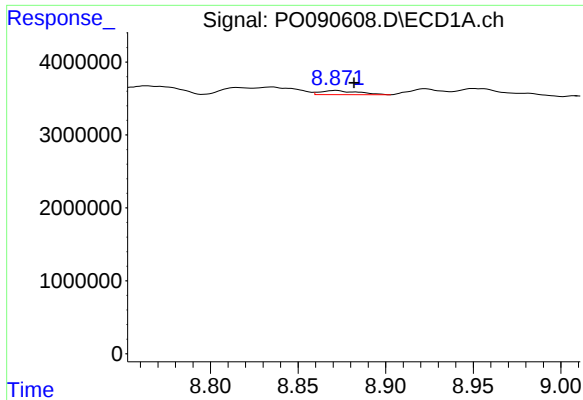
#42 AR-1268-2

R.T.: 8.652 min
Delta R.T.: -0.003 min
Response: 7407917
Conc: 23.75 ng/ml



#42 AR-1268-2

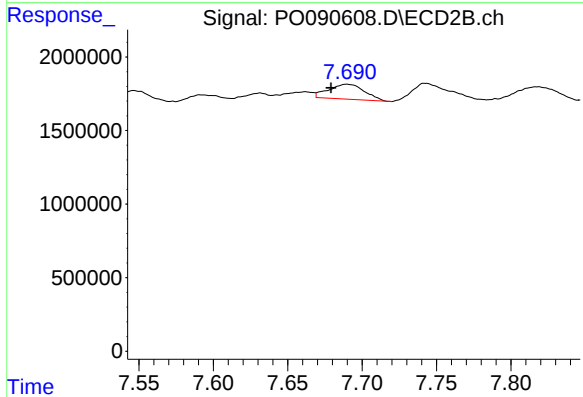
R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 4334469
Conc: 30.89 ng/ml



#43 AR-1268-3

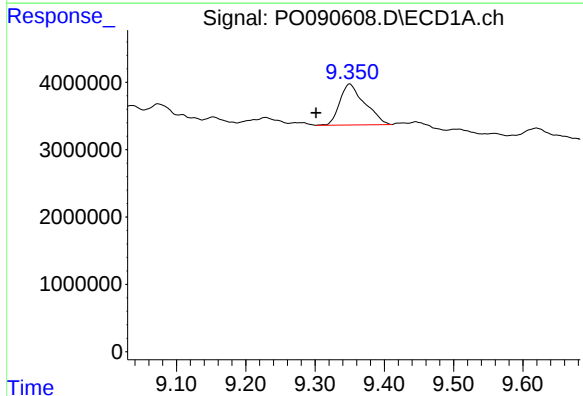
R.T.: 8.872 min
Delta R.T.: -0.010 min
Response: 825677
Conc: 3.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



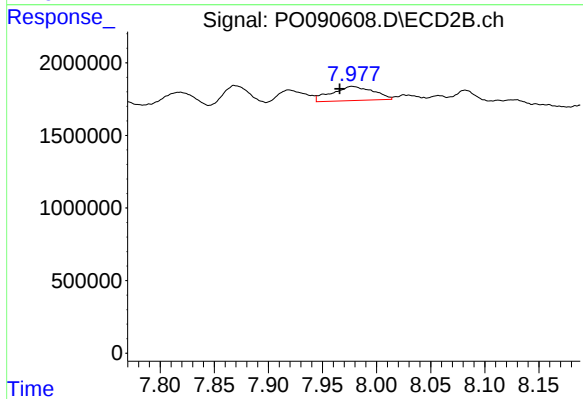
#43 AR-1268-3

R.T.: 7.690 min
Delta R.T.: 0.011 min
Response: 1698073
Conc: 14.15 ng/ml



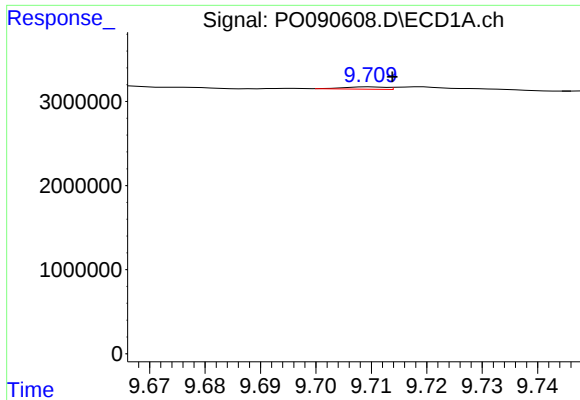
#44 AR-1268-4

R.T.: 9.350 min
Delta R.T.: 0.049 min
Response: 15143174
Conc: 129.96 ng/ml



#44 AR-1268-4

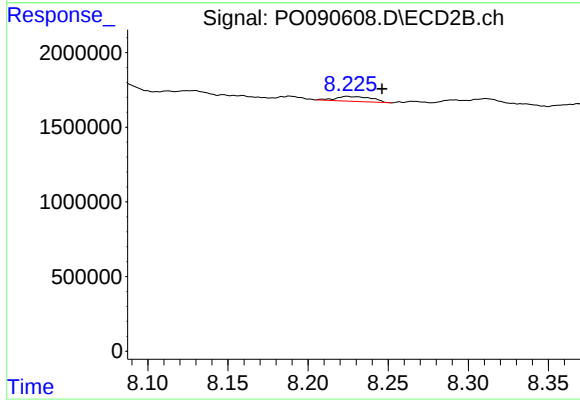
R.T.: 7.977 min
Delta R.T.: 0.011 min
Response: 2597927
Conc: 47.84 ng/ml



#45 AR-1268-5

R.T.: 9.710 min
Delta R.T.: -0.004 min
Response: 140045
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.225 min
Delta R.T.: -0.022 min
Response: 509623
Conc: 1.46 ng/ml