

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042425\
 Data File : P0110706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2025 01:07
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 02:48:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 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...	3.687	3.683	478.2E6	252.5E6	54.652	50.600
2)	SA Decachlor...	8.728	8.680	363.6E6	90373818	46.057	46.948
Target Compounds							
3)	L1 AR-1016-1	4.777	4.762	6183710	3130266	18.845	17.835
4)	L1 AR-1016-2	4.796	4.781	5020301	2627427	11.035	10.448
5)	L1 AR-1016-3	4.852	4.957	3700954	1691077	11.475	12.461
6)	L1 AR-1016-4	4.973	5.000	3468142	51761595	13.919	452.589 #
7)	L1 AR-1016-5	5.230	5.211	98959711	47484571	367.864	318.530
8)	L2 AR-1221-1	3.899	3.894	325900	279220	2.761	4.182 #
9)	L2 AR-1221-2	3.988	3.982	7794030	4270921	88.224	85.254
10)	L2 AR-1221-3	4.061	4.054	2035422	1113338	7.736	7.464
11)	L3 AR-1232-1	4.061	4.054	2035422	1113338	9.937	9.679
12)	L3 AR-1232-2	4.556	4.781	2396266	2627427	22.456	23.699
13)	L3 AR-1232-3	4.796	4.957	5020301	1691077	25.129	29.563
14)	L3 AR-1232-4	4.973	5.040	3468142	19618352	33.902	363.617 #
15)	L3 AR-1232-5	5.015	5.211	94260388	47484571	1368.028	831.081 #
16)	L4 AR-1242-1	4.777	4.762	6183710	3130266	22.281	20.938
17)	L4 AR-1242-2	4.796	4.781	5020301	2627427	13.014	12.314
18)	L4 AR-1242-3	4.852	4.957	3700954	1691077	13.303	14.631
19)	L4 AR-1242-4	4.973	5.040	3468142	19618352	16.408	163.351 #
20)	L4 AR-1242-5	5.624	5.563	53606527	149.7E6	236.785	1031.646 #
21)	L5 AR-1248-1	4.777	4.762	6183710	3130266	29.054	27.189
22)	L5 AR-1248-2	5.015	5.000	94260388	51761595	318.528	317.785
23)	L5 AR-1248-3	5.230	5.040	98959711	19618352	267.487	111.559 #
24)	L5 AR-1248-4	5.584	5.211	305.3E6	47484571	587.116	233.135 #
25)	L5 AR-1248-5	5.624	5.603	53606527	23496800	145.108	119.034
26)	L6 AR-1254-1	5.584	5.563	305.3E6	149.7E6	547.176	496.481
27)	L6 AR-1254-2	5.734	5.710	270.6E6	131.4E6	557.080	496.398
28)	L6 AR-1254-3	6.138	6.112	405.2E6	195.0E6	517.299	483.359
29)	L6 AR-1254-4	6.368	6.340	248.7E6	111.1E6	510.023	483.861
30)	L6 AR-1254-5	6.787	6.757	347.2E6	156.2E6	495.365	470.061
31)	L7 AR-1260-1	6.270	6.243	206.3E6	93135223	436.660	378.655
32)	L7 AR-1260-2	6.458	6.430	168.9E6	73178777	288.099	250.826
33)	L7 AR-1260-3	6.856	6.582	31204261	73322343	63.311	270.678 #
34)	L7 AR-1260-4	7.085	7.054	18531996	7402839	43.664	36.896
35)	L7 AR-1260-5	7.328	7.294	38874371	16918652	37.255	36.871
36)	L8 AR-1262-1	6.856	6.826	31204261	13735041	44.485	41.705
37)	L8 AR-1262-2	7.328	7.294	38874371	16918652	32.188	33.274
38)	L8 AR-1262-3	7.612	7.579	1551727	800775	3.048	4.136 #
39)	L8 AR-1262-4	7.673	7.638	36883514	15829671	41.152	45.612
40)	L8 AR-1262-5	8.172	8.132	1919787	579553	4.764	4.651
41)	L9 AR-1268-1	7.612	7.579	1551727	800775	1.105	1.462 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042425\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2025 01:07
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

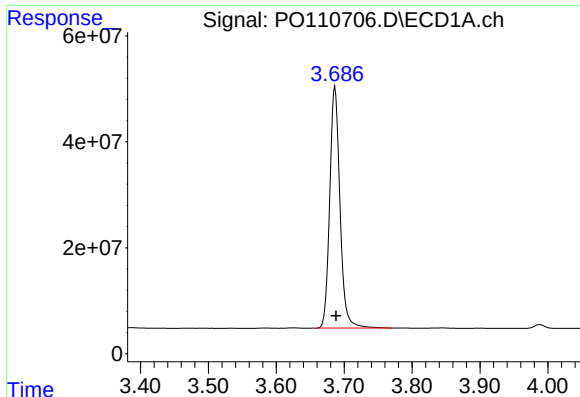
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:48:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
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	7.673	7.638	36883514	15829671	28.821	31.819
43)	L9 AR-1268-3	7.885	7.846	996993	465288	0.956	1.252 #
44)	L9 AR-1268-4	8.172	8.132	1919787	579553	4.322	4.106
45)	L9 AR-1268-5	8.468	8.427	2859355	806769	0.888	1.025

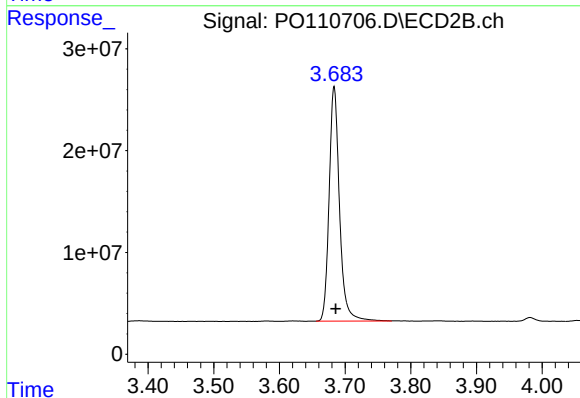
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

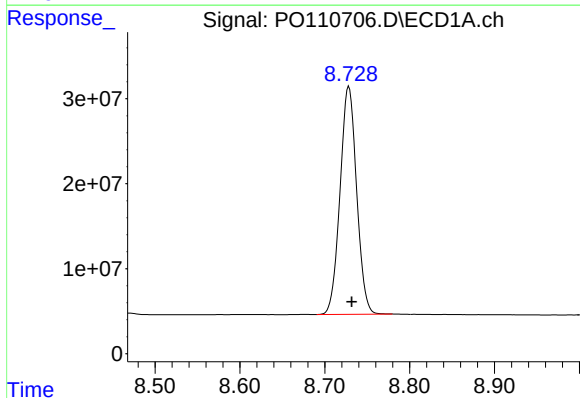
R.T.: 3.687 min
Delta R.T.: -0.002 min
Response: 478150111
Conc: 54.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



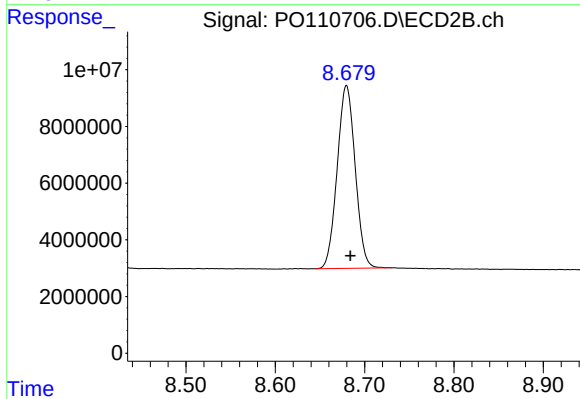
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 252482658
Conc: 50.60 ng/ml



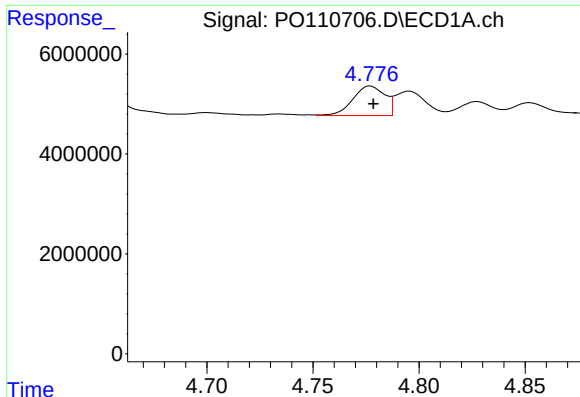
#2 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.003 min
Response: 363619374
Conc: 46.06 ng/ml



#2 Decachlorobiphenyl

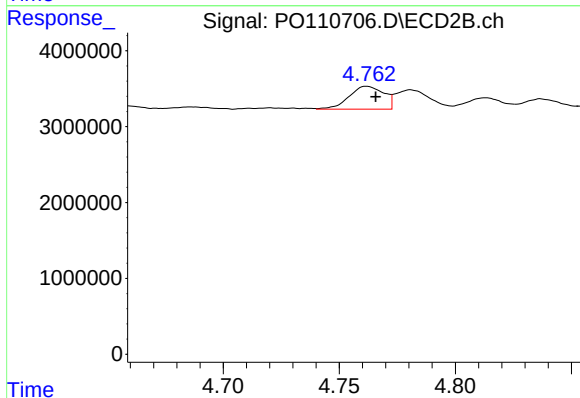
R.T.: 8.680 min
Delta R.T.: -0.005 min
Response: 90373818
Conc: 46.95 ng/ml



#3 AR-1016-1

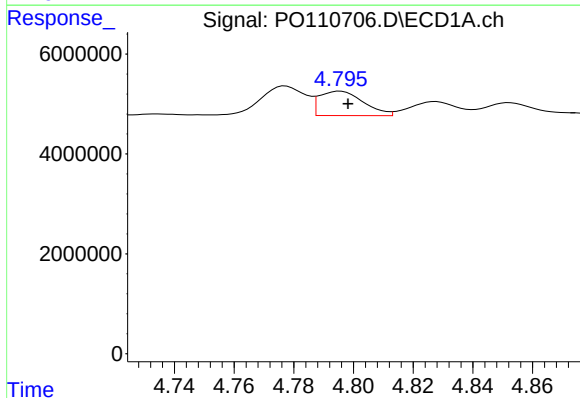
R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 6183710
Conc: 18.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



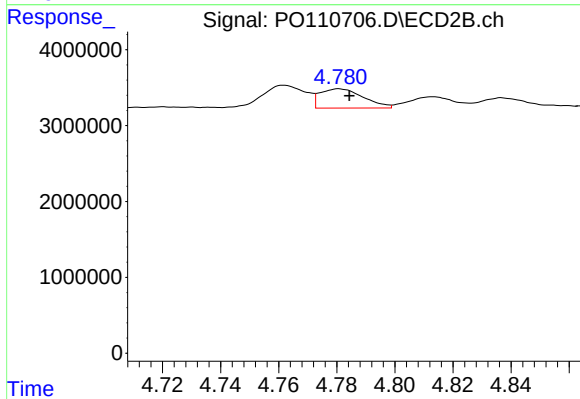
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 3130266
Conc: 17.84 ng/ml



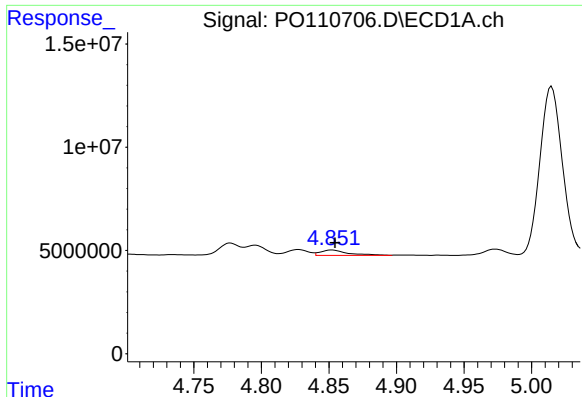
#4 AR-1016-2

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 5020301
Conc: 11.03 ng/ml



#4 AR-1016-2

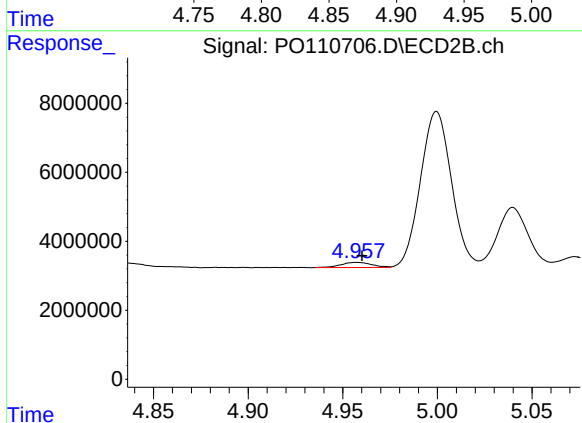
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 2627427
Conc: 10.45 ng/ml



#5 AR-1016-3

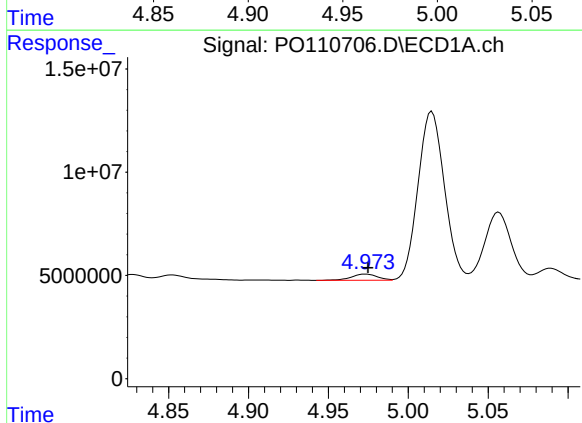
R.T.: 4.852 min
Delta R.T.: -0.002 min
Response: 3700954
Conc: 11.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



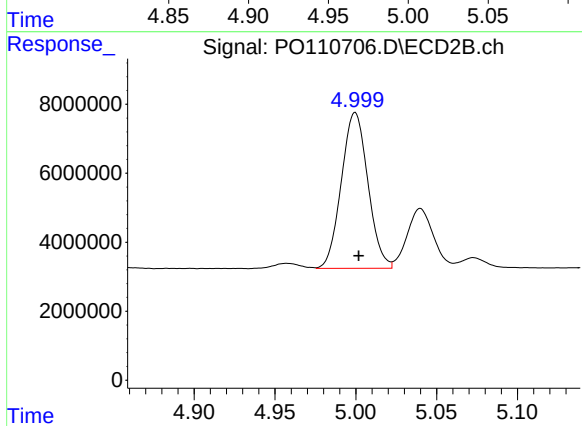
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 1691077
Conc: 12.46 ng/ml



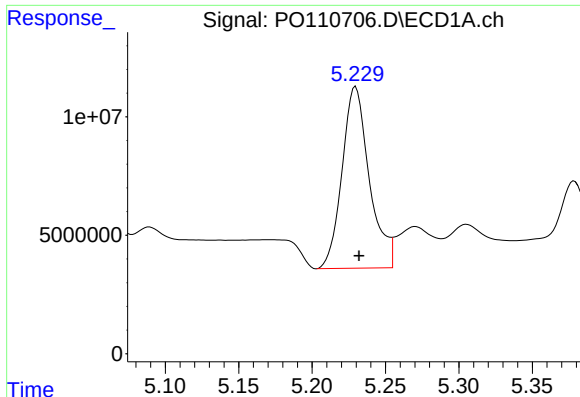
#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 3468142
Conc: 13.92 ng/ml



#6 AR-1016-4

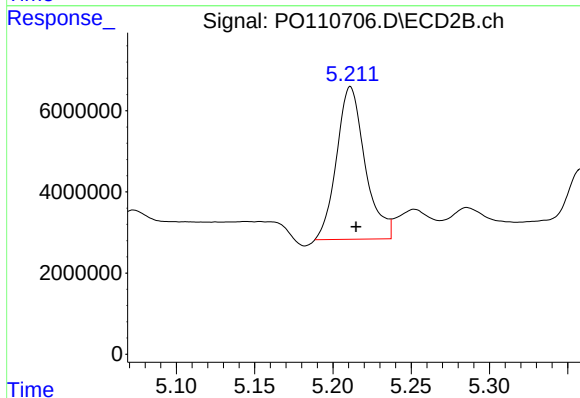
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 51761595
Conc: 452.59 ng/ml



#7 AR-1016-5

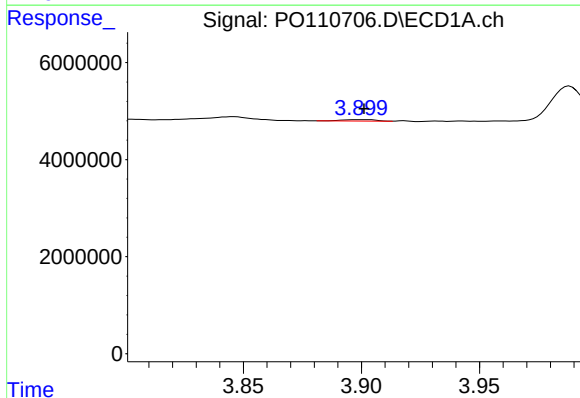
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 98959711
Conc: 367.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



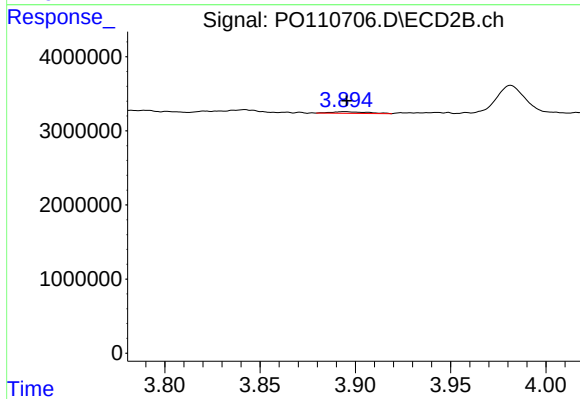
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 47484571
Conc: 318.53 ng/ml



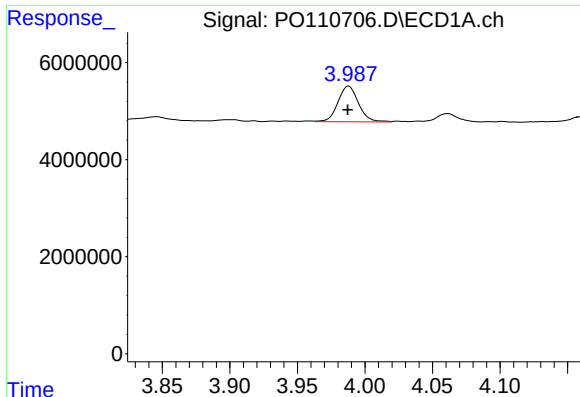
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 325900
Conc: 2.76 ng/ml



#8 AR-1221-1

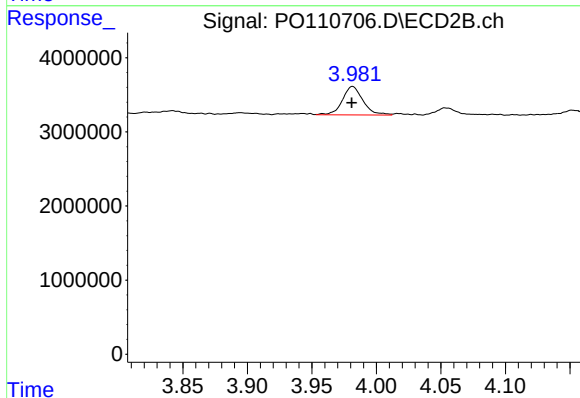
R.T.: 3.894 min
Delta R.T.: -0.001 min
Response: 279220
Conc: 4.18 ng/ml



#9 AR-1221-2

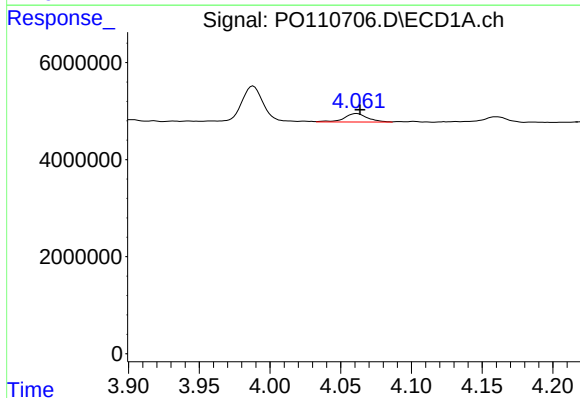
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 7794030
Conc: 88.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



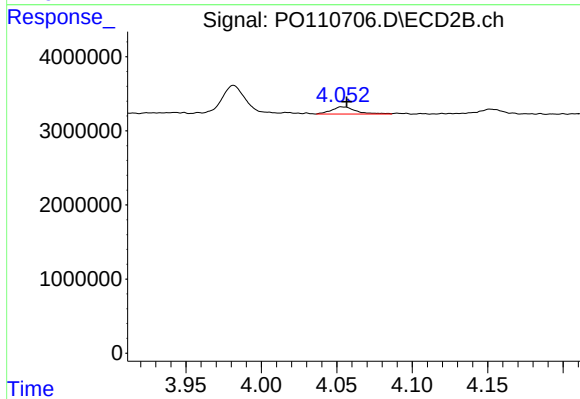
#9 AR-1221-2

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 4270921
Conc: 85.25 ng/ml



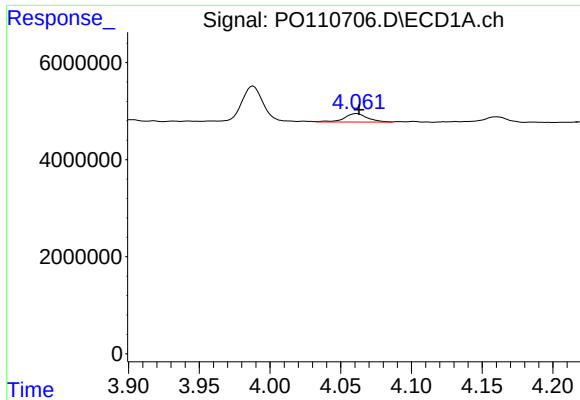
#10 AR-1221-3

R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 2035422
Conc: 7.74 ng/ml



#10 AR-1221-3

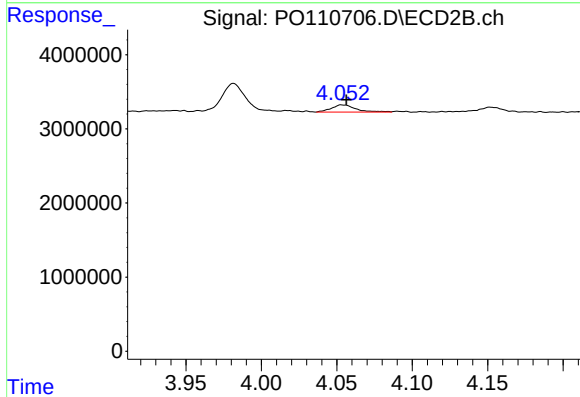
R.T.: 4.054 min
Delta R.T.: -0.003 min
Response: 1113338
Conc: 7.46 ng/ml



#11 AR-1232-1

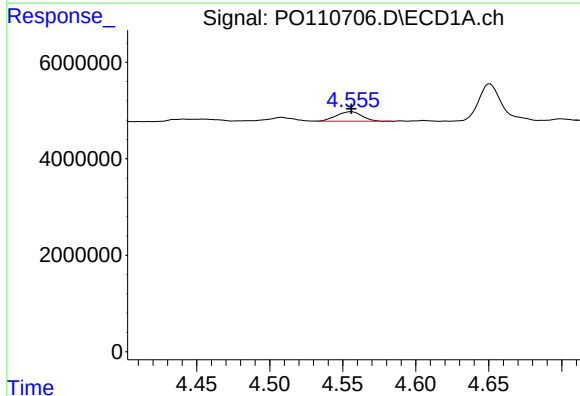
R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 2035422
Conc: 9.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



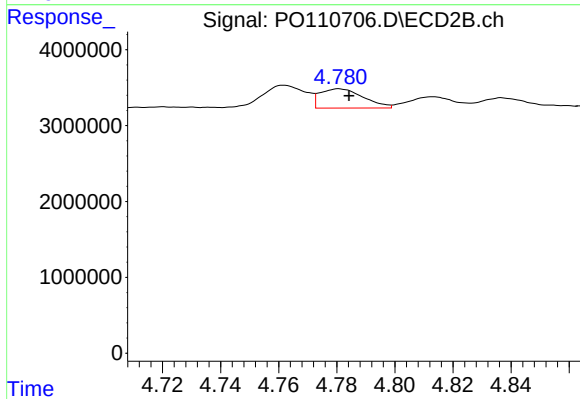
#11 AR-1232-1

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 1113338
Conc: 9.68 ng/ml



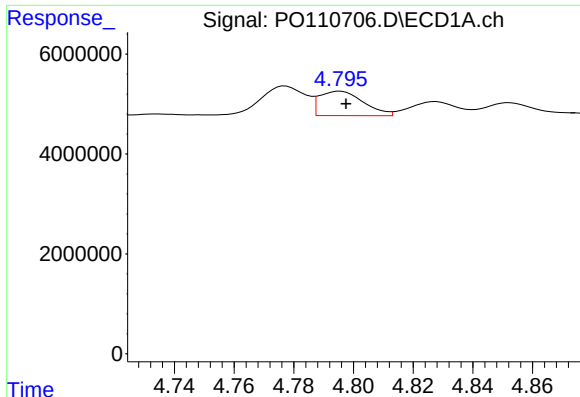
#12 AR-1232-2

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 2396266
Conc: 22.46 ng/ml



#12 AR-1232-2

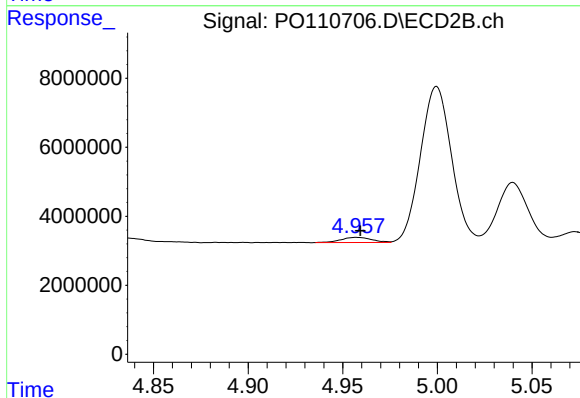
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 2627427
Conc: 23.70 ng/ml



#13 AR-1232-3

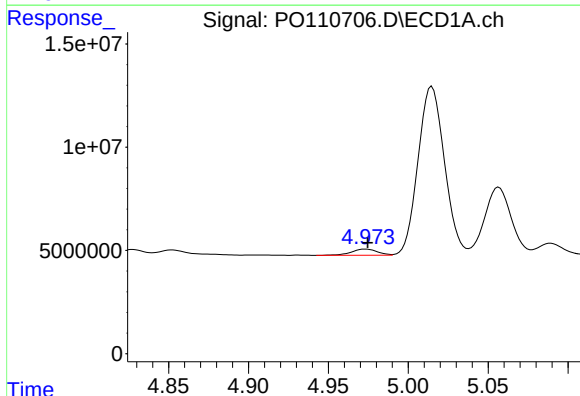
R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 5020301
Conc: 25.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



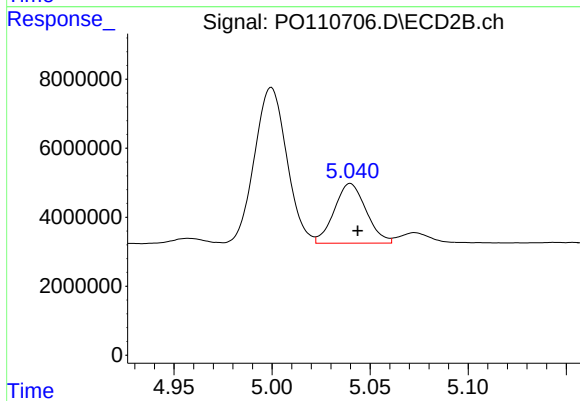
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 1691077
Conc: 29.56 ng/ml



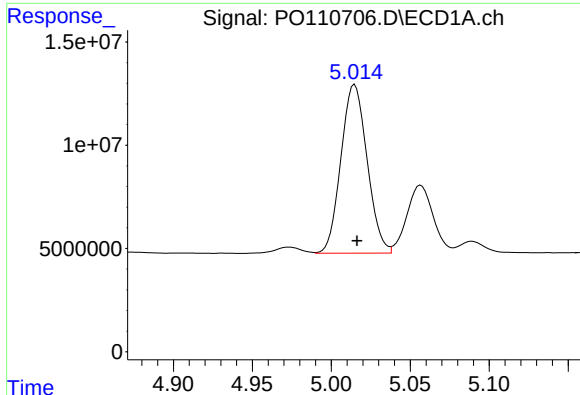
#14 AR-1232-4

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 3468142
Conc: 33.90 ng/ml



#14 AR-1232-4

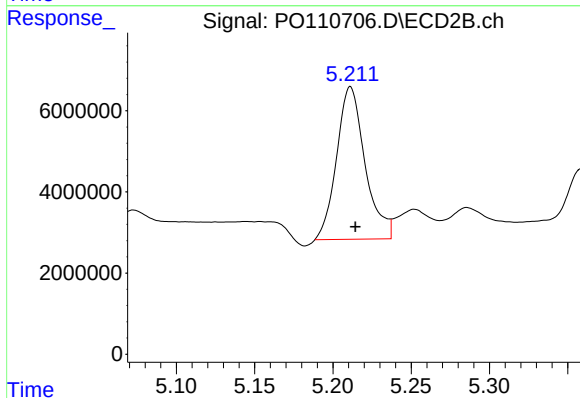
R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 19618352
Conc: 363.62 ng/ml



#15 AR-1232-5

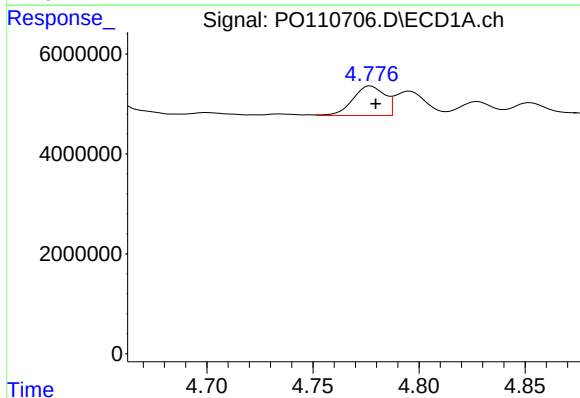
R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 94260388
Conc: 1368.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



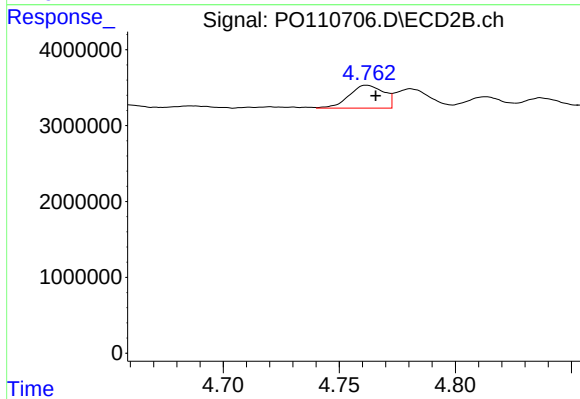
#15 AR-1232-5

R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 47484571
Conc: 831.08 ng/ml



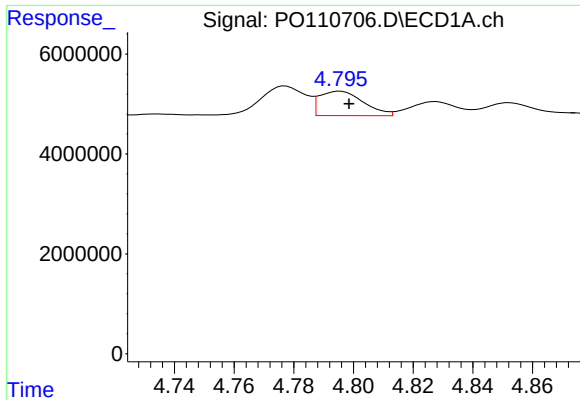
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 6183710
Conc: 22.28 ng/ml



#16 AR-1242-1

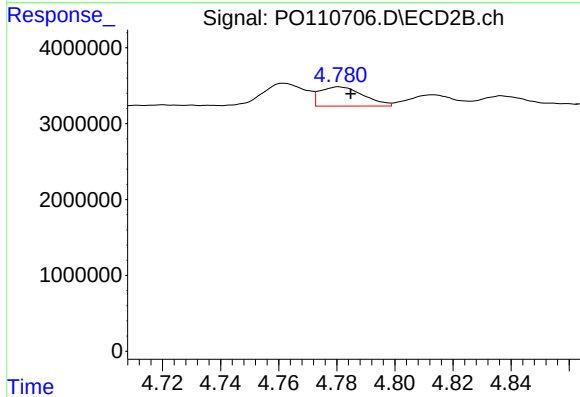
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 3130266
Conc: 20.94 ng/ml



#17 AR-1242-2

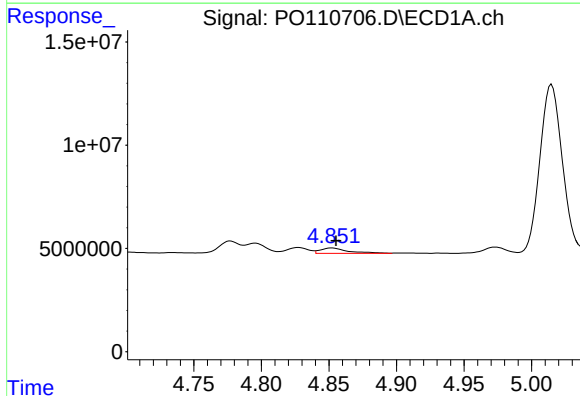
R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 5020301
Conc: 13.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



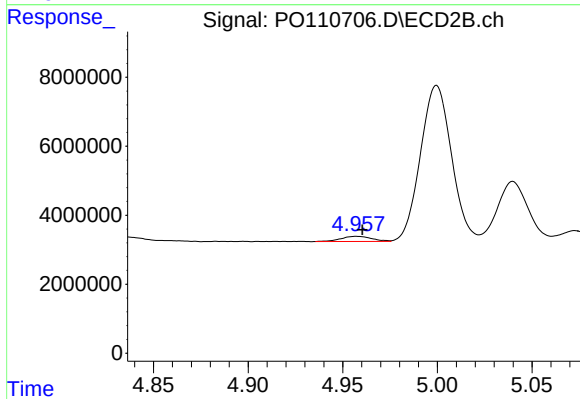
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 2627427
Conc: 12.31 ng/ml



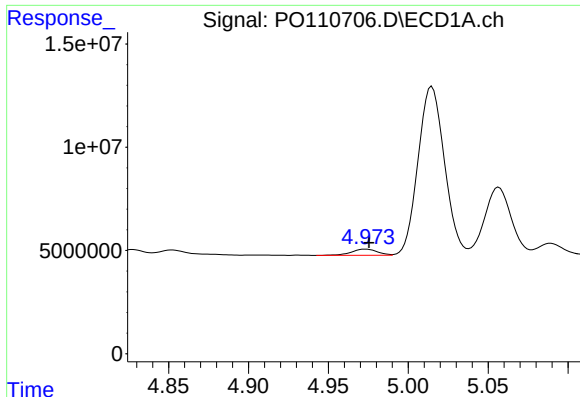
#18 AR-1242-3

R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 3700954
Conc: 13.30 ng/ml



#18 AR-1242-3

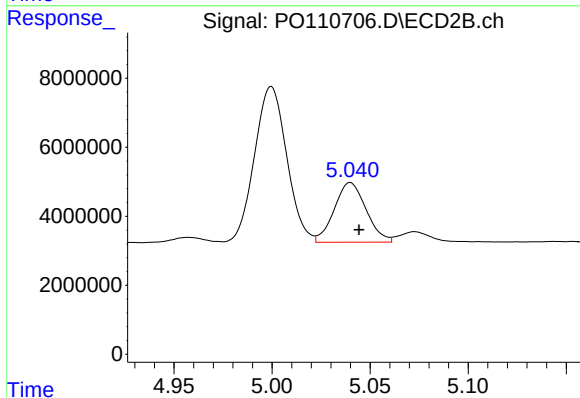
R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 1691077
Conc: 14.63 ng/ml



#19 AR-1242-4

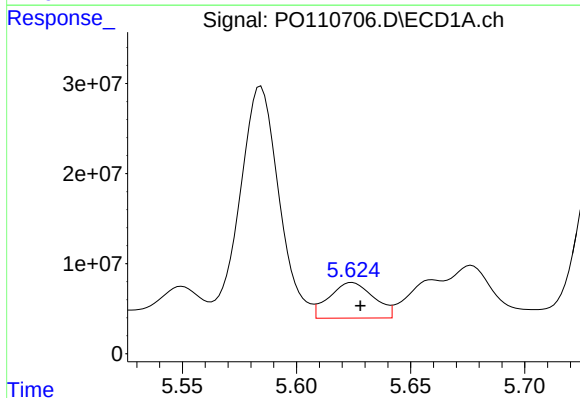
R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 3468142
Conc: 16.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



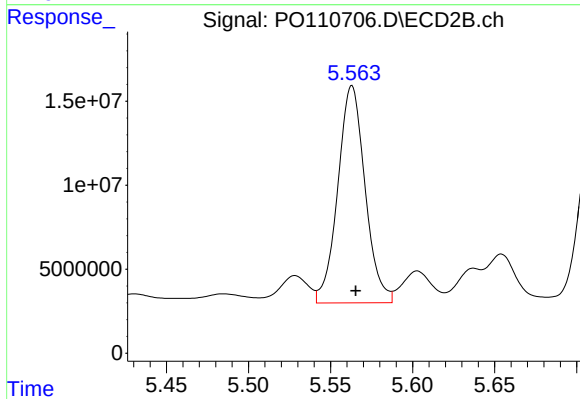
#19 AR-1242-4

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 19618352
Conc: 163.35 ng/ml



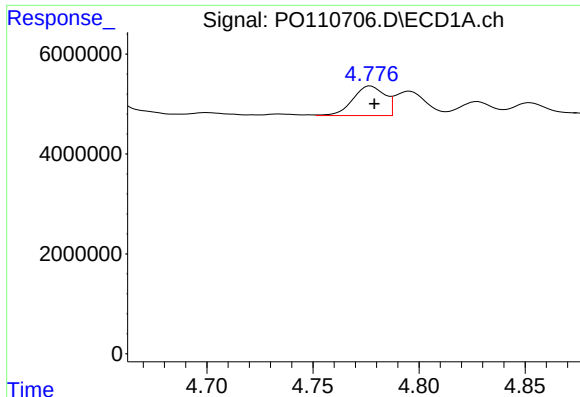
#20 AR-1242-5

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 53606527
Conc: 236.78 ng/ml



#20 AR-1242-5

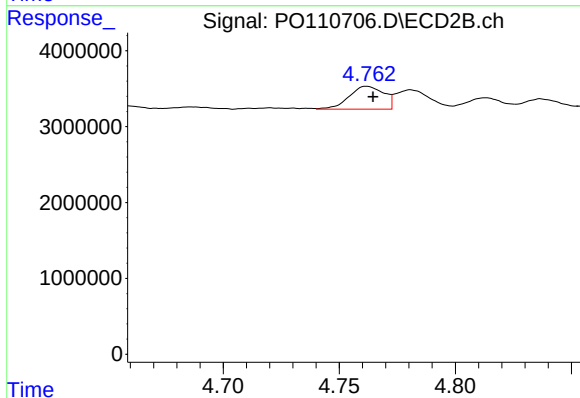
R.T.: 5.563 min
Delta R.T.: -0.002 min
Response: 149688587
Conc: 1031.65 ng/ml



#21 AR-1248-1

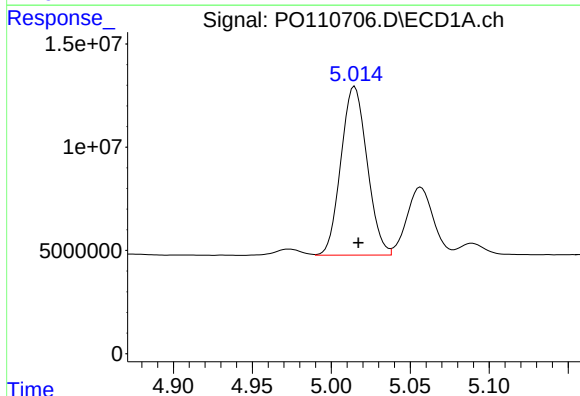
R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 6183710
Conc: 29.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



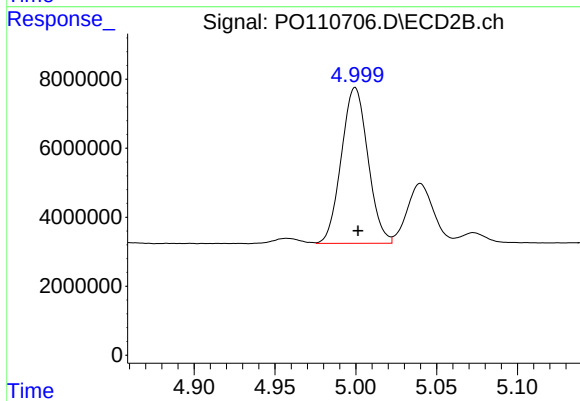
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 3130266
Conc: 27.19 ng/ml



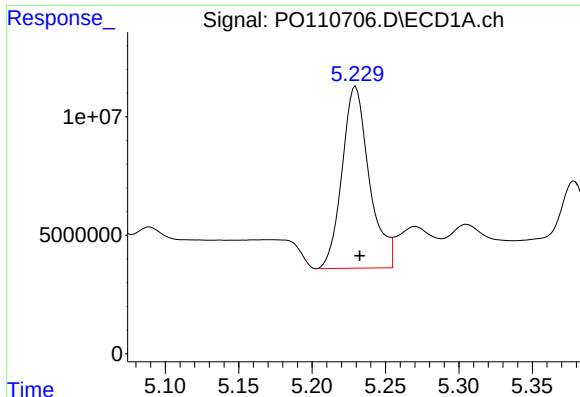
#22 AR-1248-2

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 94260388
Conc: 318.53 ng/ml



#22 AR-1248-2

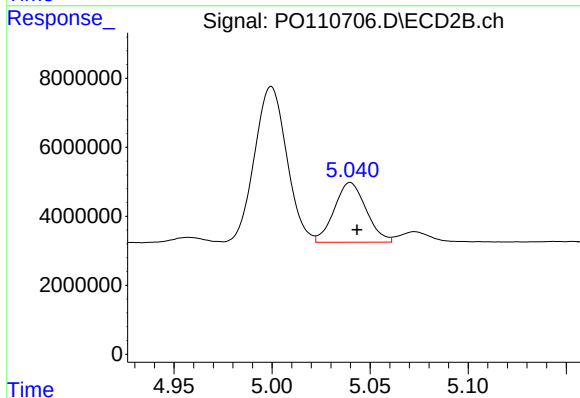
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 51761595
Conc: 317.78 ng/ml



#23 AR-1248-3

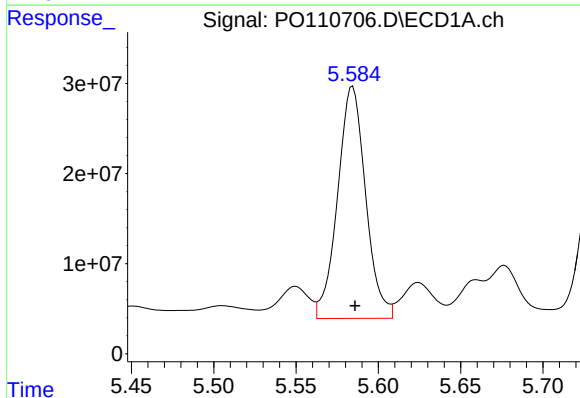
R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 98959711
Conc: 267.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



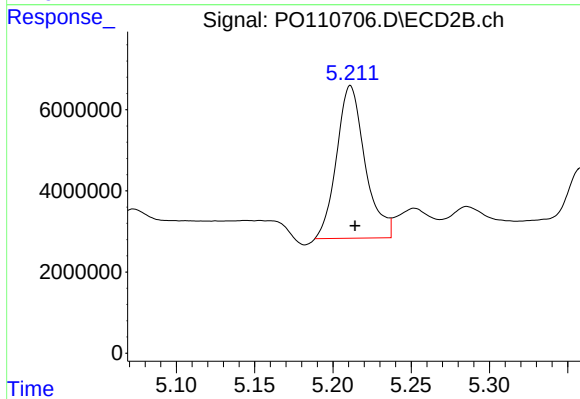
#23 AR-1248-3

R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 19618352
Conc: 111.56 ng/ml



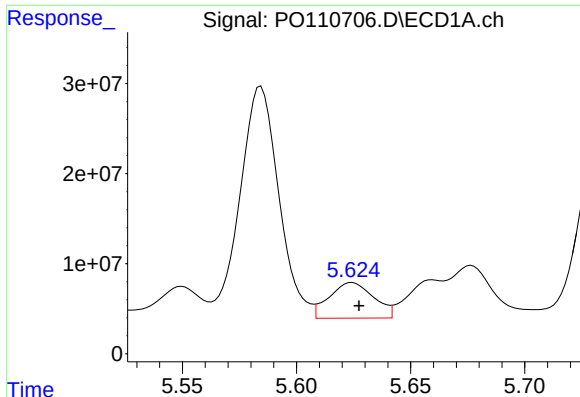
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.001 min
Response: 305318187
Conc: 587.12 ng/ml



#24 AR-1248-4

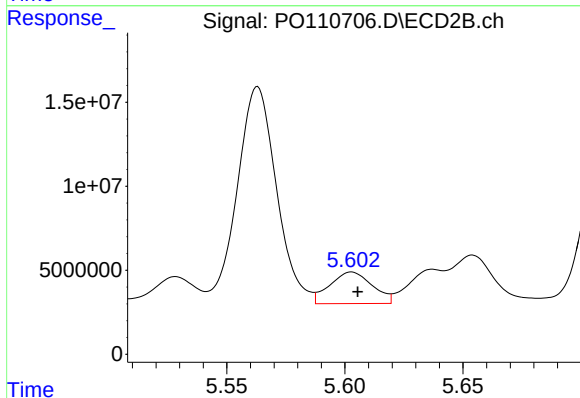
R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 47484571
Conc: 233.13 ng/ml



#25 AR-1248-5

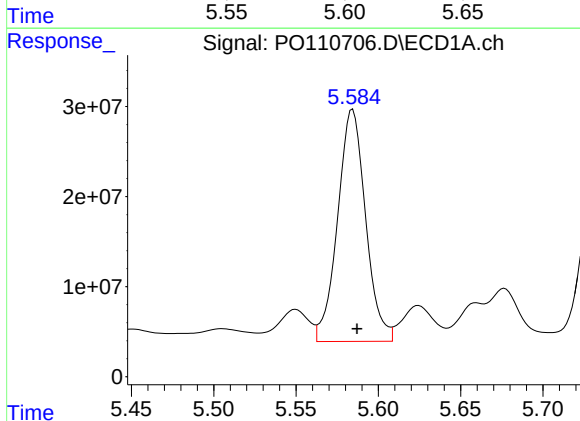
R.T.: 5.624 min
Delta R.T.: -0.003 min
Response: 53606527
Conc: 145.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



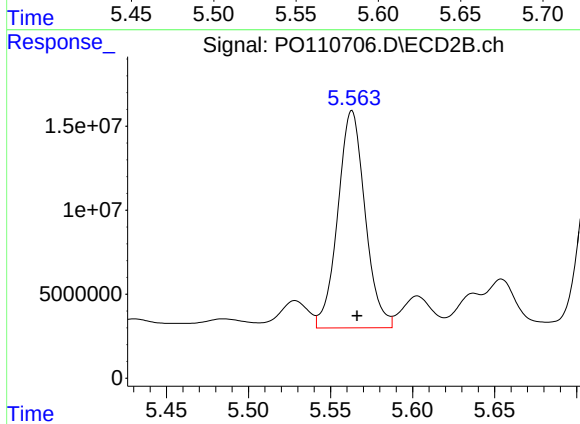
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 23496800
Conc: 119.03 ng/ml



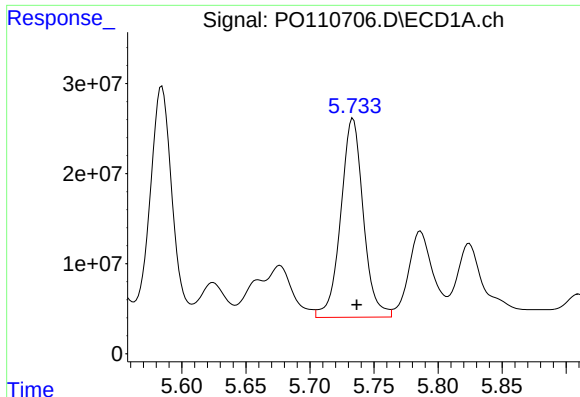
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 305318187
Conc: 547.18 ng/ml



#26 AR-1254-1

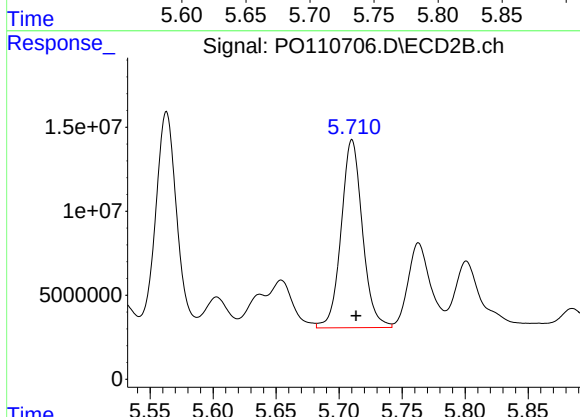
R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 149688587
Conc: 496.48 ng/ml



#27 AR-1254-2

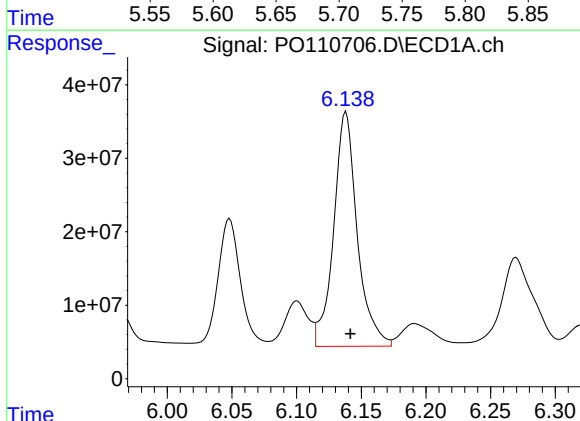
R.T.: 5.734 min
Delta R.T.: -0.003 min
Response: 270575218
Conc: 557.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



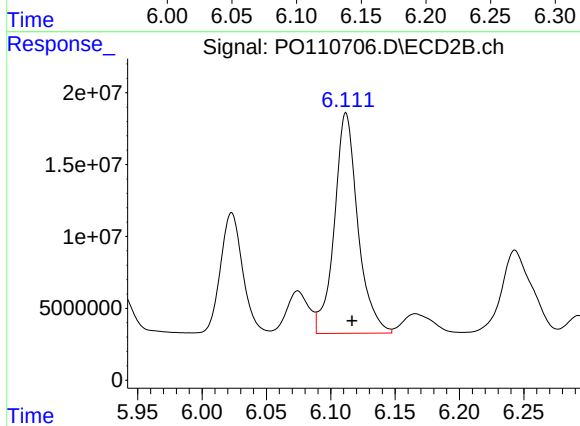
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 131389167
Conc: 496.40 ng/ml



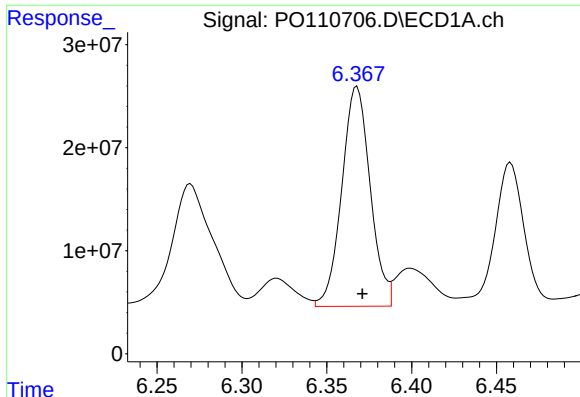
#28 AR-1254-3

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 405159954
Conc: 517.30 ng/ml



#28 AR-1254-3

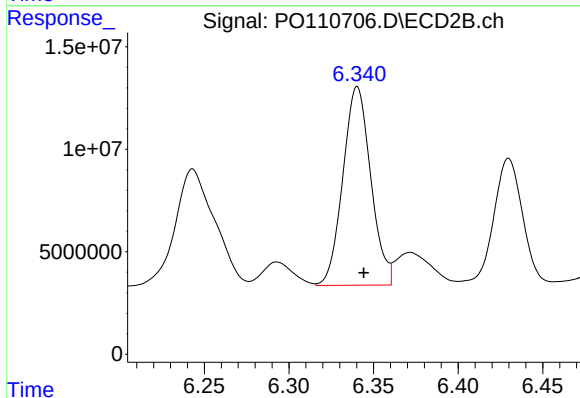
R.T.: 6.112 min
Delta R.T.: -0.005 min
Response: 194994791
Conc: 483.36 ng/ml



#29 AR-1254-4

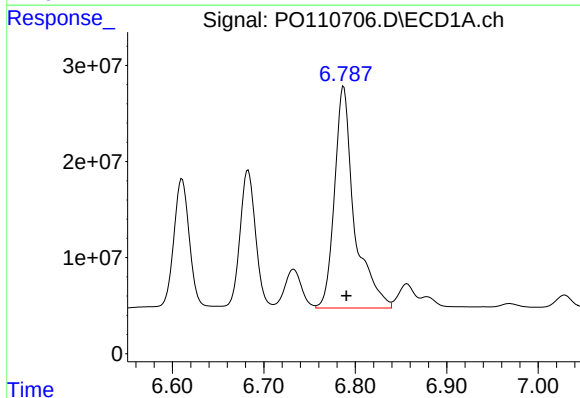
R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 248690031
Conc: 510.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



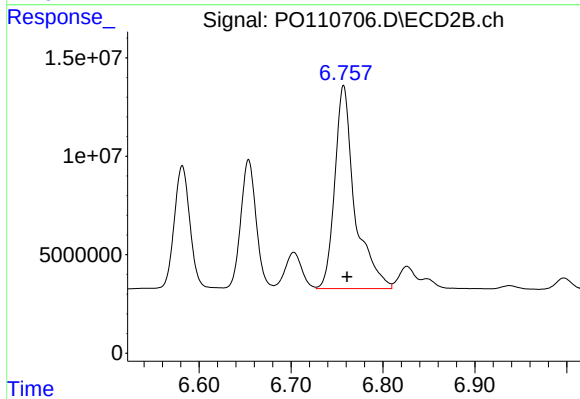
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 111149070
Conc: 483.86 ng/ml



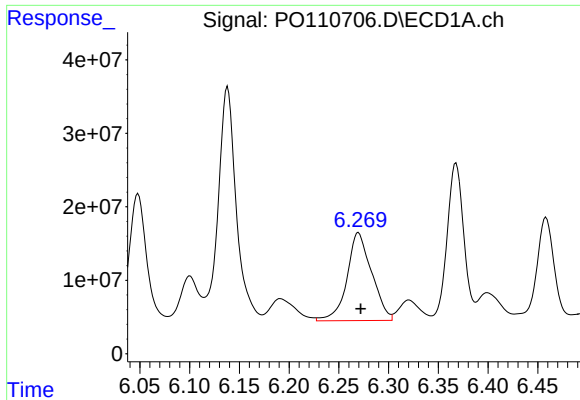
#30 AR-1254-5

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 347201121
Conc: 495.36 ng/ml



#30 AR-1254-5

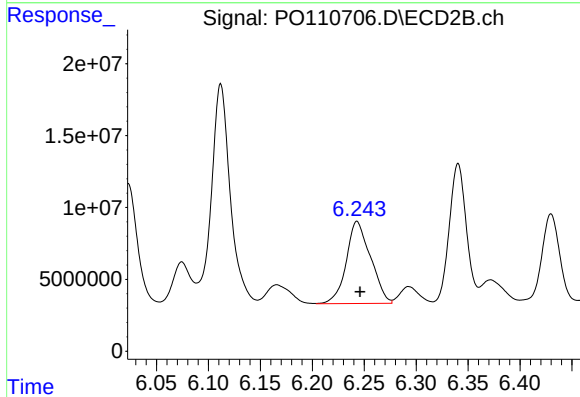
R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 156197291
Conc: 470.06 ng/ml



#31 AR-1260-1

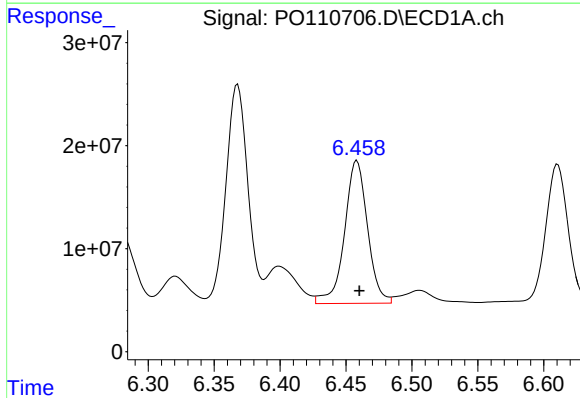
R.T.: 6.270 min
Delta R.T.: -0.002 min
Response: 206297932
Conc: 436.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



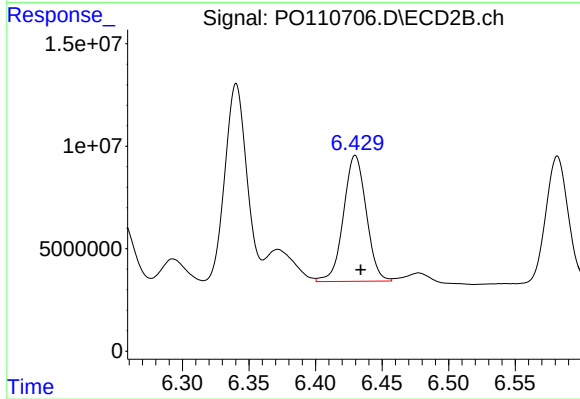
#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 93135223
Conc: 378.65 ng/ml



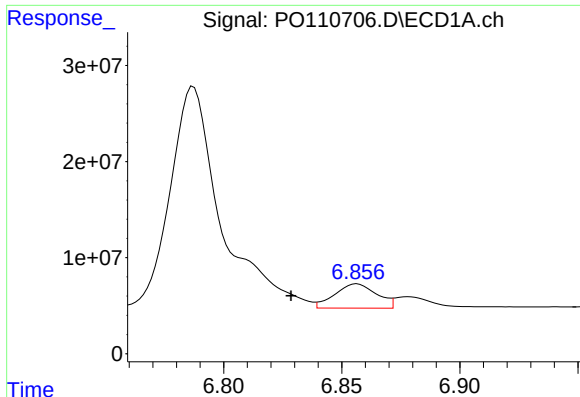
#32 AR-1260-2

R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 168948440
Conc: 288.10 ng/ml



#32 AR-1260-2

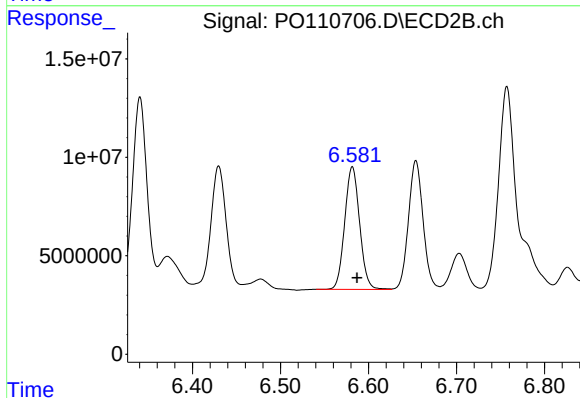
R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 73178777
Conc: 250.83 ng/ml



#33 AR-1260-3

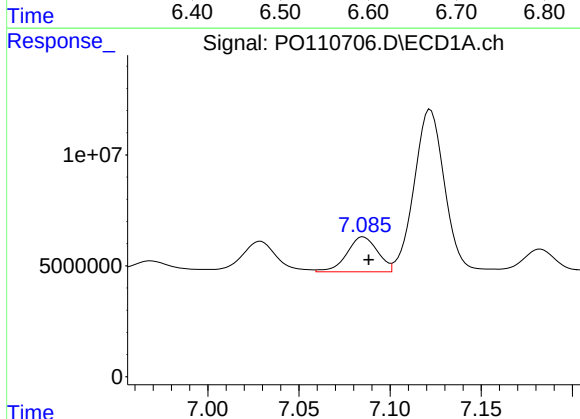
R.T.: 6.856 min
Delta R.T.: 0.028 min
Response: 31204261
Conc: 63.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



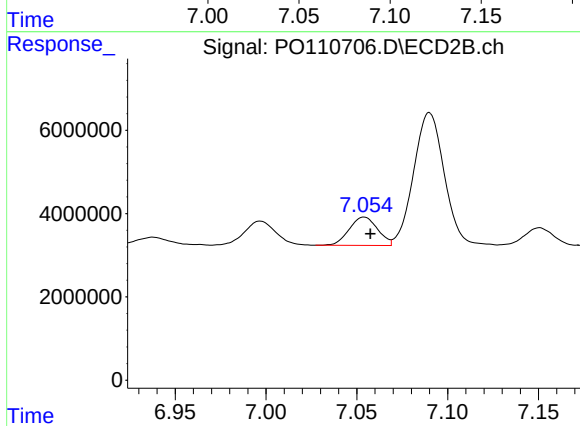
#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: -0.005 min
Response: 73322343
Conc: 270.68 ng/ml



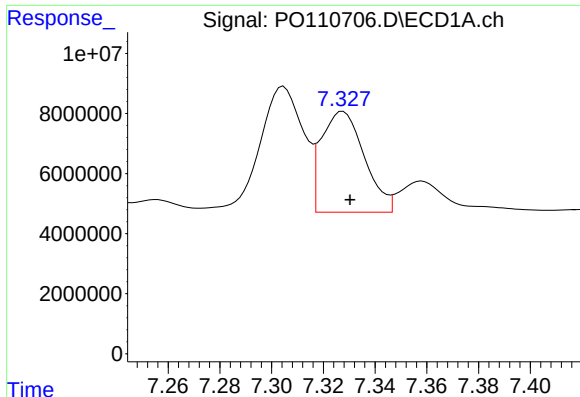
#34 AR-1260-4

R.T.: 7.085 min
Delta R.T.: -0.003 min
Response: 18531996
Conc: 43.66 ng/ml



#34 AR-1260-4

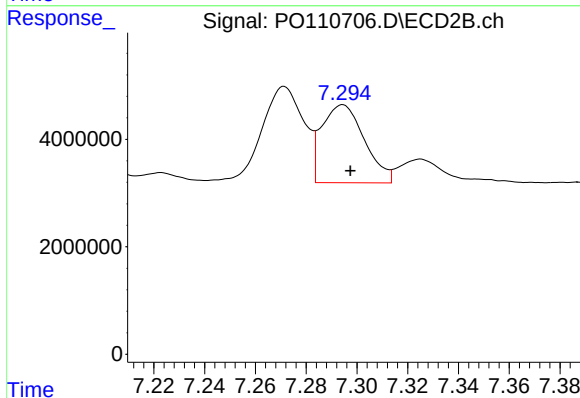
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 7402839
Conc: 36.90 ng/ml



#35 AR-1260-5

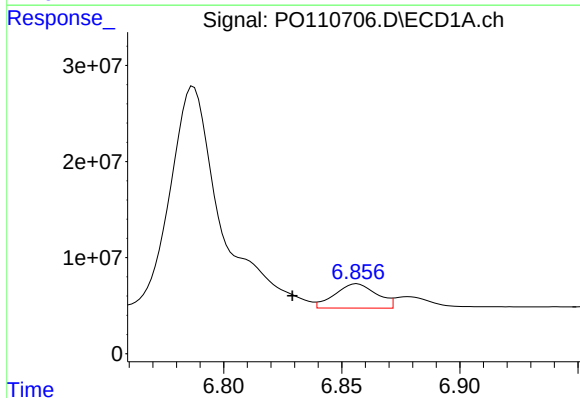
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 38874371
Conc: 37.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



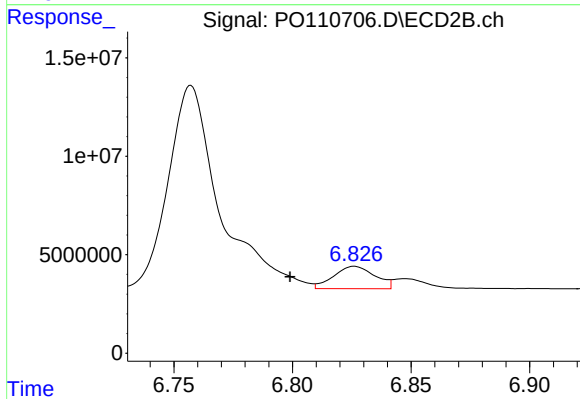
#35 AR-1260-5

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 16918652
Conc: 36.87 ng/ml



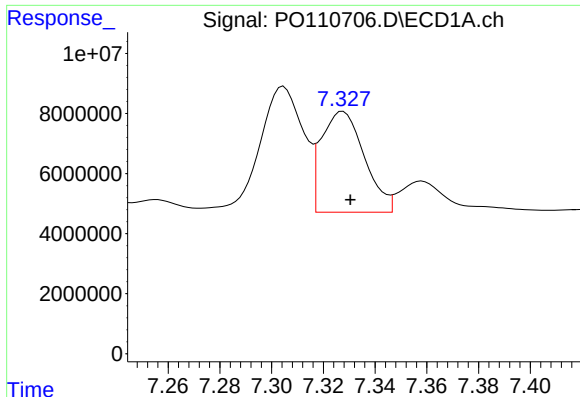
#36 AR-1262-1

R.T.: 6.856 min
Delta R.T.: 0.027 min
Response: 31204261
Conc: 44.48 ng/ml



#36 AR-1262-1

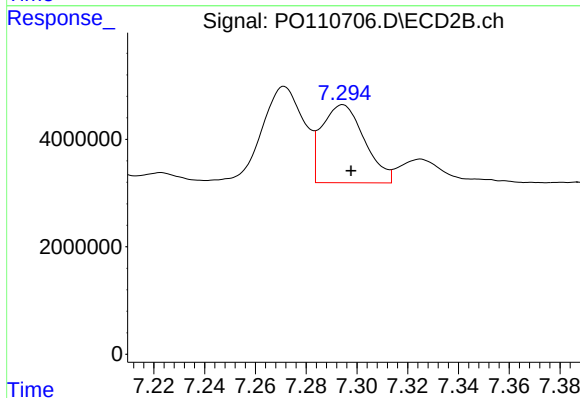
R.T.: 6.826 min
Delta R.T.: 0.027 min
Response: 13735041
Conc: 41.70 ng/ml



#37 AR-1262-2

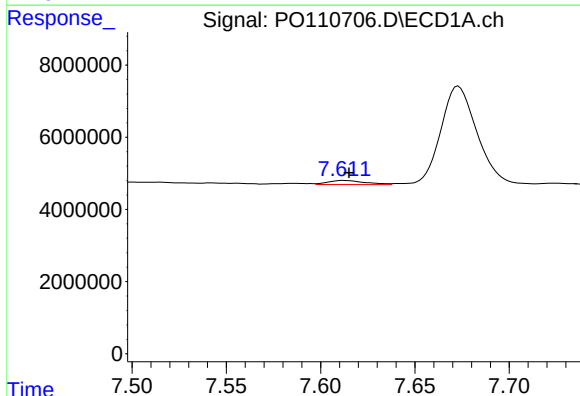
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 38874371
Conc: 32.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



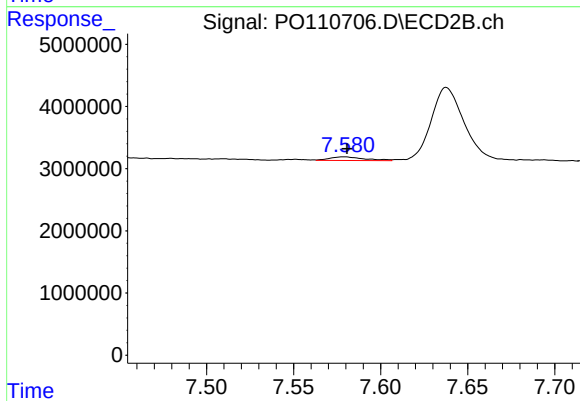
#37 AR-1262-2

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 16918652
Conc: 33.27 ng/ml



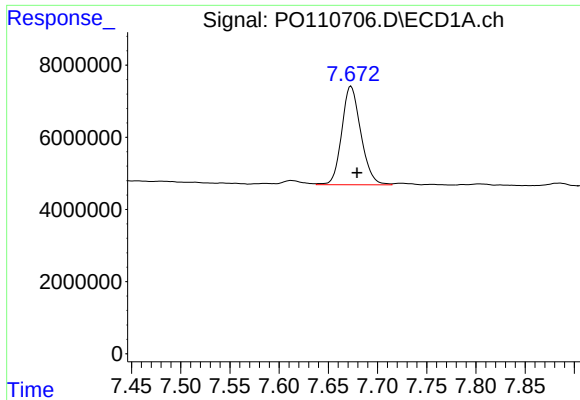
#38 AR-1262-3

R.T.: 7.612 min
Delta R.T.: -0.003 min
Response: 1551727
Conc: 3.05 ng/ml



#38 AR-1262-3

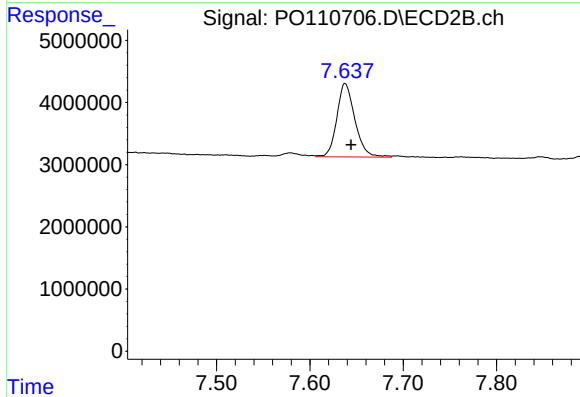
R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 800775
Conc: 4.14 ng/ml



#39 AR-1262-4

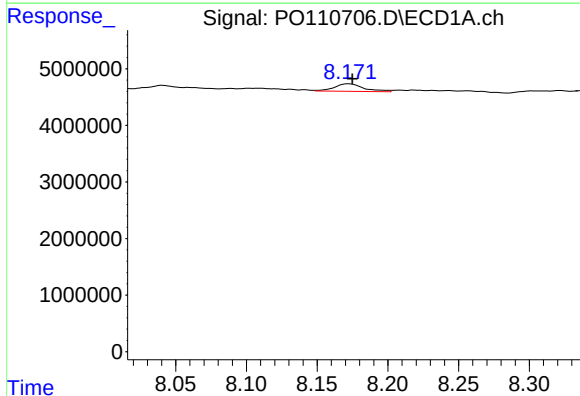
R.T.: 7.673 min
Delta R.T.: -0.006 min
Response: 36883514
Conc: 41.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



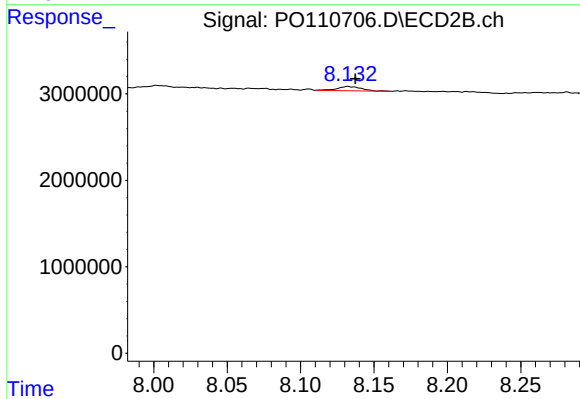
#39 AR-1262-4

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 15829671
Conc: 45.61 ng/ml



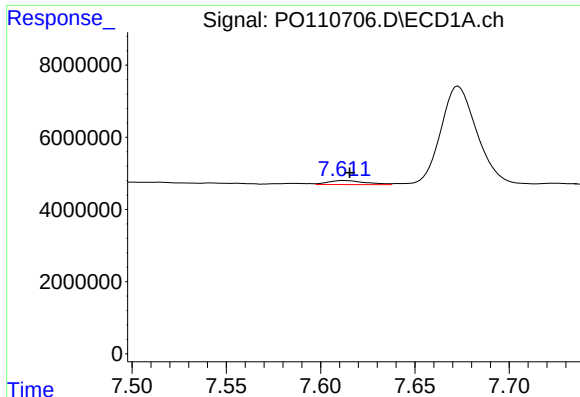
#40 AR-1262-5

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 1919787
Conc: 4.76 ng/ml



#40 AR-1262-5

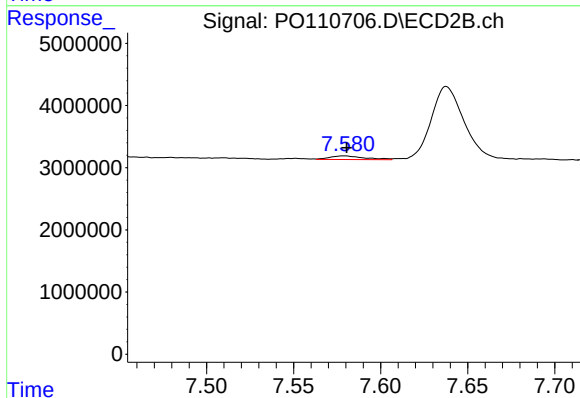
R.T.: 8.132 min
Delta R.T.: -0.005 min
Response: 579553
Conc: 4.65 ng/ml



#41 AR-1268-1

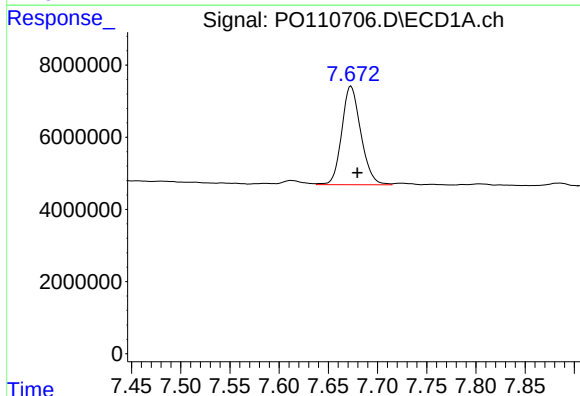
R.T.: 7.612 min
Delta R.T.: -0.003 min
Response: 1551727
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



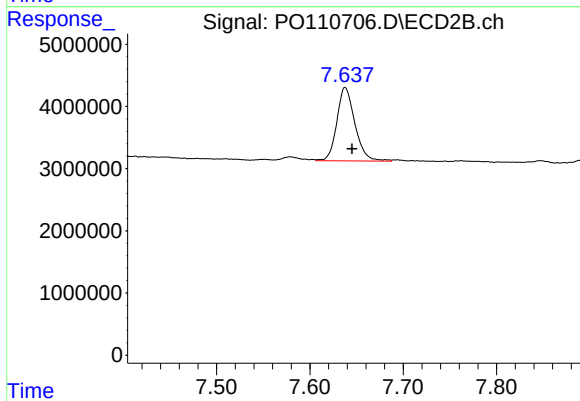
#41 AR-1268-1

R.T.: 7.579 min
Delta R.T.: -0.001 min
Response: 800775
Conc: 1.46 ng/ml



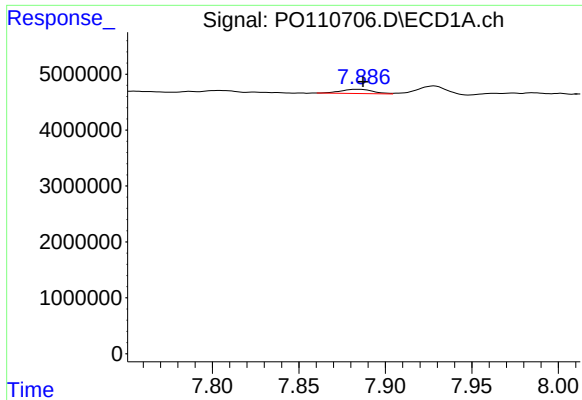
#42 AR-1268-2

R.T.: 7.673 min
Delta R.T.: -0.007 min
Response: 36883514
Conc: 28.82 ng/ml



#42 AR-1268-2

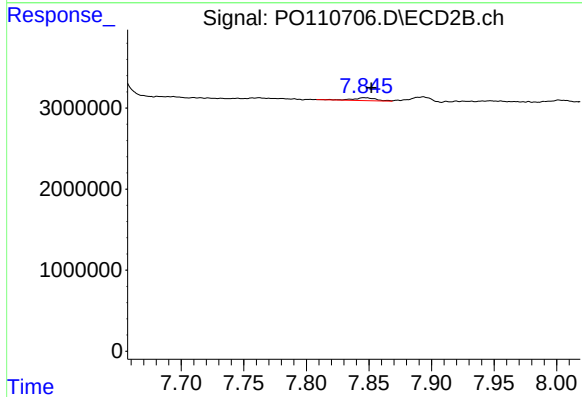
R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 15829671
Conc: 31.82 ng/ml



#43 AR-1268-3

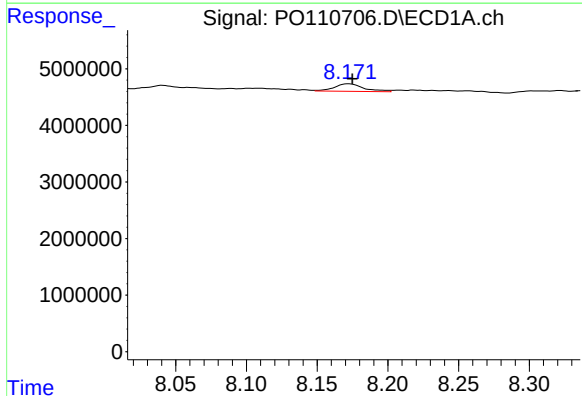
R.T.: 7.885 min
Delta R.T.: -0.002 min
Response: 996993
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



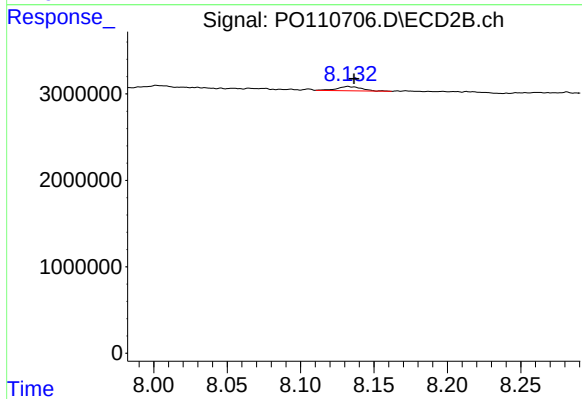
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: -0.006 min
Response: 465288
Conc: 1.25 ng/ml



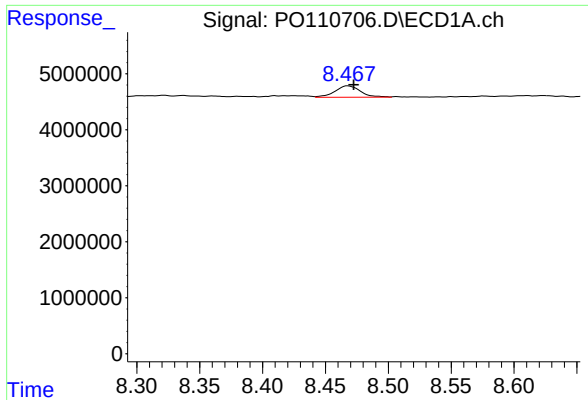
#44 AR-1268-4

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 1919787
Conc: 4.32 ng/ml



#44 AR-1268-4

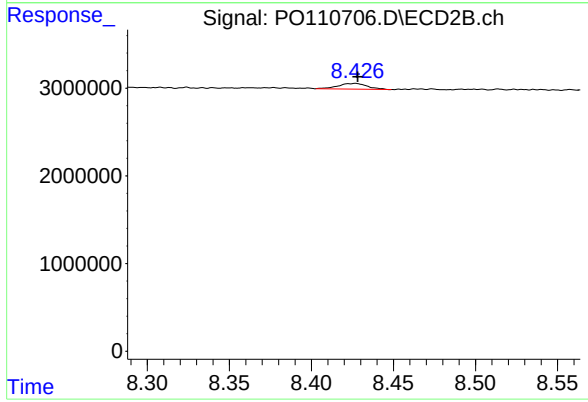
R.T.: 8.132 min
Delta R.T.: -0.004 min
Response: 579553
Conc: 4.11 ng/ml



#45 AR-1268-5

R.T.: 8.468 min
Delta R.T.: -0.005 min
Response: 2859355
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.002 min
Response: 806769
Conc: 1.02 ng/ml