

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090823\
 Data File : P0097823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2023 09:20
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 15:10:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.441	3.621	202.6E6	51272911	50.853	53.538
2)	SA Decachlor...	10.293	8.657	96753880	43175637	51.783	50.534
Target Compounds							
3)	L1 AR-1016-1	5.619	4.711	49700422	15142215	460.274	470.781
4)	L1 AR-1016-2	5.642	4.730	72293697	21070243	446.731	463.841
5)	L1 AR-1016-3	5.705	4.907	45117648	11542203	453.110	474.074
6)	L1 AR-1016-4	5.804	4.949	35833738	9434163	454.426	449.054
7)	L1 AR-1016-5	6.101	5.163	36767185	12979222	447.864	467.006
8)	L2 AR-1221-1	4.647	3.836	7888563	1685451	165.575	139.582
9)	L2 AR-1221-2	4.739	3.922	10645146	2344766	299.596	274.881
10)	L2 AR-1221-3	4.815	3.999	33013153	8187686	318.655	305.549
11)	L3 AR-1232-1	4.815	3.999	33013153	8187686	384.472	371.195
12)	L3 AR-1232-2	5.349	4.730	41901884	21070243	958.919	1027.007
13)	L3 AR-1232-3	5.642	4.907	72293697	11542203	997.489	1061.533
14)	L3 AR-1232-4	5.804	4.991	35833738	12125167	1039.135	1116.791
15)	L3 AR-1232-5	5.895	5.163	33312486	12979222	1066.372	1070.588
16)	L4 AR-1242-1	5.619	4.711	49700422	15142215	533.598	539.577
17)	L4 AR-1242-2	5.642	4.730	72293697	21070243	515.284	530.889
18)	L4 AR-1242-3	5.705	4.907	45117648	11542203	521.316	546.196
19)	L4 AR-1242-4	5.804	4.991	35833738	12125167	528.358	529.055
20)	L4 AR-1242-5	6.547	5.516	36209485	14312858	514.577	549.411
21)	L5 AR-1248-1	5.619	4.711	49700422	15142215	732.466	737.116
22)	L5 AR-1248-2	5.895	4.949	33312486	9434163	308.040	309.645
23)	L5 AR-1248-3	6.101	4.991	36767185	12125167	327.585	380.731
24)	L5 AR-1248-4	6.508	5.163	33291925	12979222	322.037	346.830
25)	L5 AR-1248-5	6.547	5.558	36209485	12250741	324.828	367.644
26)	L6 AR-1254-1	6.480	5.516	25175716	14312858	205.352	263.283 #
27)	L6 AR-1254-2	6.705	5.665	29155616	4181502	162.532	86.835 #
28)	L6 AR-1254-3	7.072	6.071	12117581	4607620	68.427	62.365
29)	L6 AR-1254-4	7.360	6.301	7852789	3619609	72.955	91.330 #
30)	L6 AR-1254-5	7.784	6.721	2152608	1214705	17.904	19.722
31)	L7 AR-1260-1	7.239	6.217	1337067	1760012	9.461	33.080 #
32)	L7 AR-1260-2	7.499	6.390	2537048	963009	16.784	15.379
33)	L7 AR-1260-3	7.861	6.541	129691	806517	1.145	13.986 #
34)	L7 AR-1260-4	8.073	7.027	1780739	37282	14.980	0.795 #
35)	L7 AR-1260-5	8.416	7.262	179375	148627	0.876	1.499 #
36)	L8 AR-1262-1	7.861	6.812	129691	49714	0.853	1.835 #
37)	L8 AR-1262-2	8.416	7.027	179375	37282	0.822	0.640
38)	L8 AR-1262-3	8.737	7.542	38677	90025	0.250	2.064 #
39)	L8 AR-1262-4	8.831	7.611	25755	148035	0.307	1.946 #
40)	L8 AR-1262-5	9.520	8.111	34220	3017	0.475	0.096 #
41)	L9 AR-1268-1	8.737	7.542	38677	90025	0.136	0.684 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090823\
Data File : P0097823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2023 09:20
Operator : YP/AJ
Sample : AR1242CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

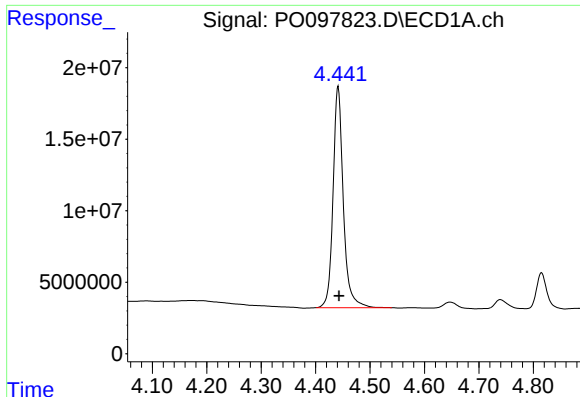
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 08 15:10:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 07 02:56:18 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.831	7.611	25755	148035	0.101	1.284 #
43)	L9 AR-1268-3	9.068	7.921	306881	18253	1.373	0.660 #
44)	L9 AR-1268-4	9.501	8.111	40504	3017	0.496	0.086 #
45)	L9 AR-1268-5	9.938	8.400	631962	525015	0.953	1.675 #

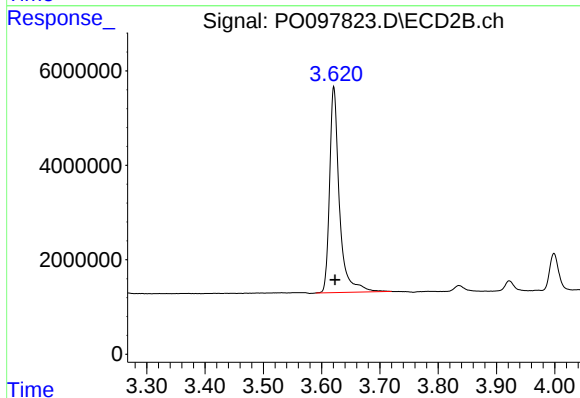
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

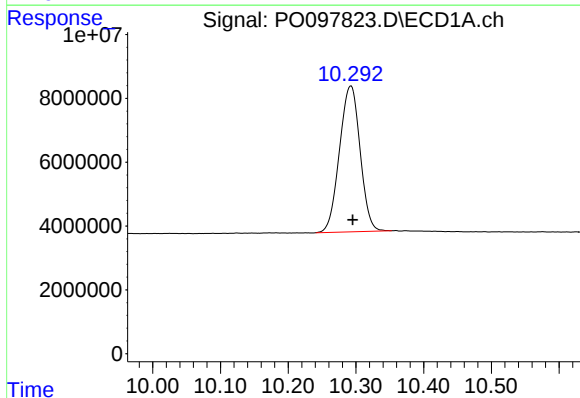
R.T.: 4.441 min
Delta R.T.: -0.002 min
Response: 202603677
Conc: 50.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



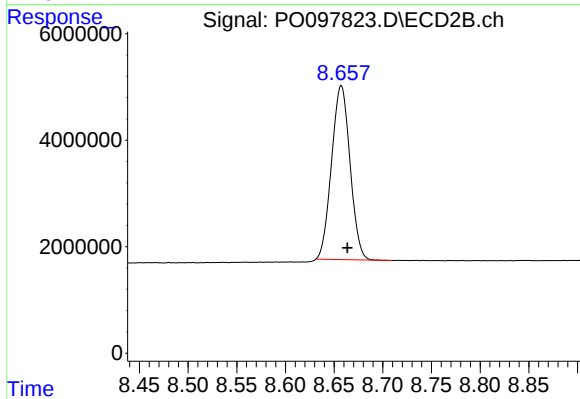
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: -0.002 min
Response: 51272911
Conc: 53.54 ng/ml



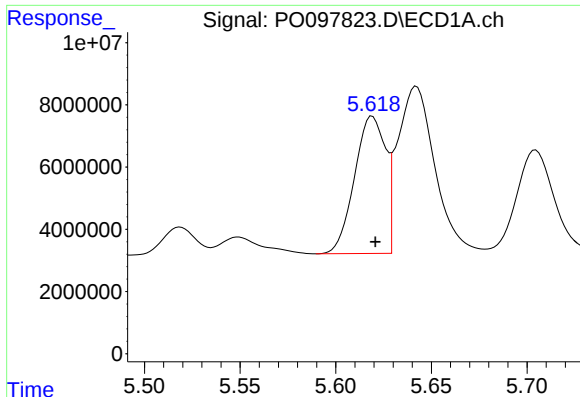
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: -0.002 min
Response: 96753880
Conc: 51.78 ng/ml



#2 Decachlorobiphenyl

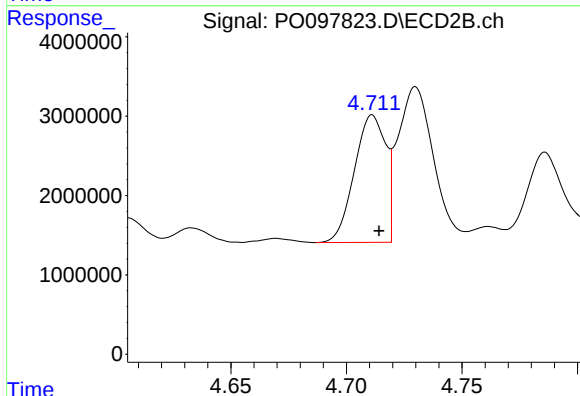
R.T.: 8.657 min
Delta R.T.: -0.006 min
Response: 43175637
Conc: 50.53 ng/ml



#3 AR-1016-1

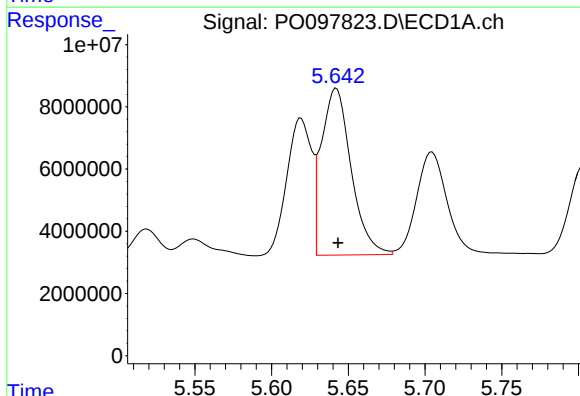
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 49700422
Conc: 460.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



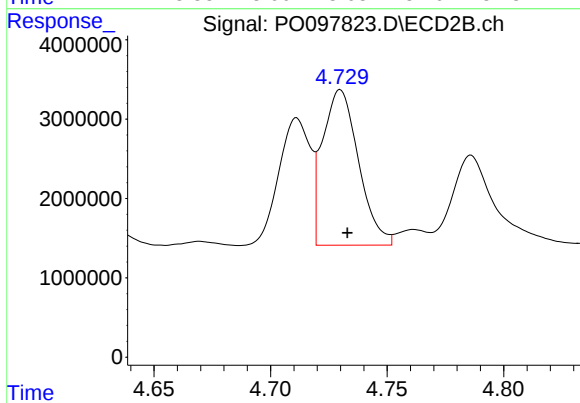
#3 AR-1016-1

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 15142215
Conc: 470.78 ng/ml



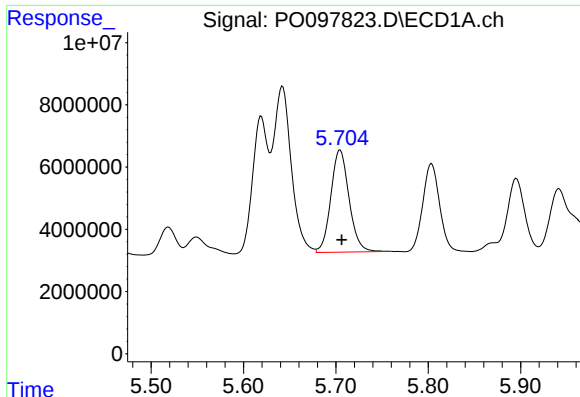
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 72293697
Conc: 446.73 ng/ml



#4 AR-1016-2

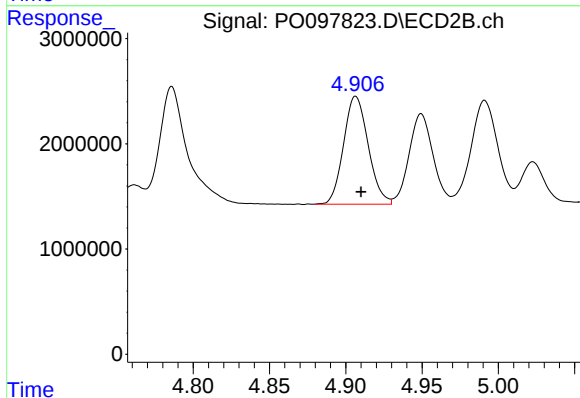
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 21070243
Conc: 463.84 ng/ml



#5 AR-1016-3

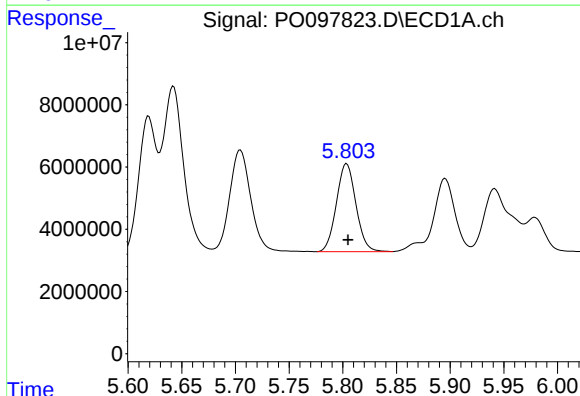
R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 45117648
Conc: 453.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



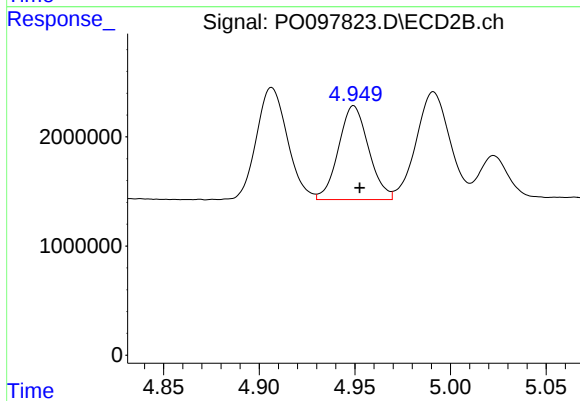
#5 AR-1016-3

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 11542203
Conc: 474.07 ng/ml



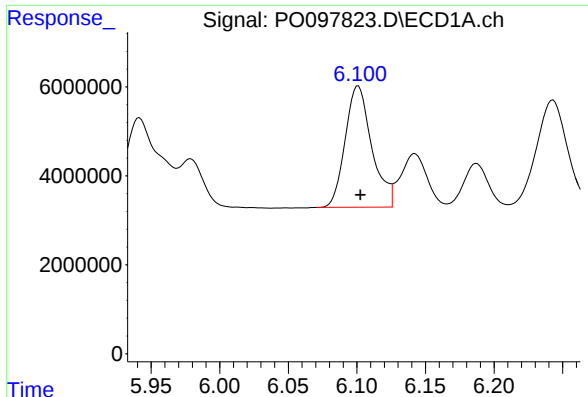
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 35833738
Conc: 454.43 ng/ml



#6 AR-1016-4

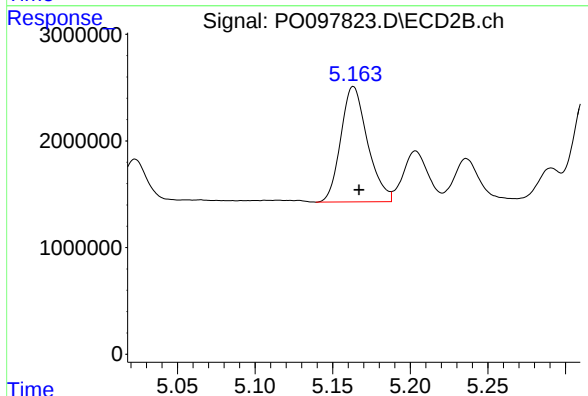
R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 9434163
Conc: 449.05 ng/ml



#7 AR-1016-5

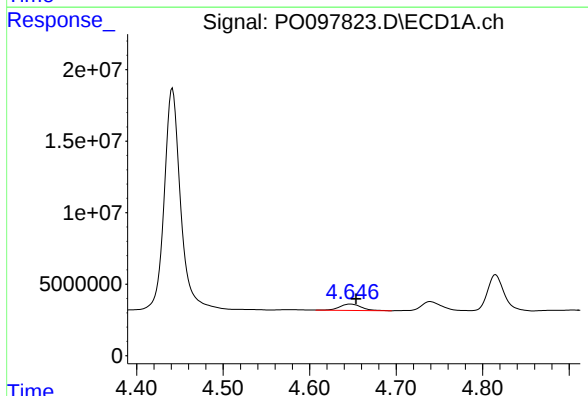
R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 36767185
Conc: 447.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



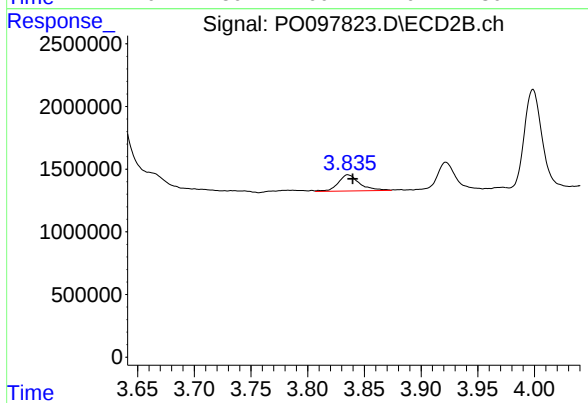
#7 AR-1016-5

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 12979222
Conc: 467.01 ng/ml



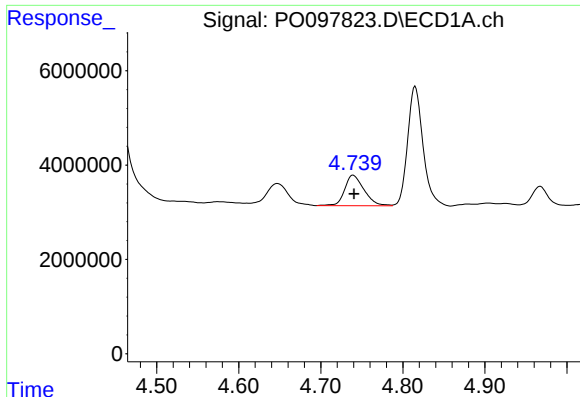
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: -0.006 min
Response: 7888563
Conc: 165.57 ng/ml



#8 AR-1221-1

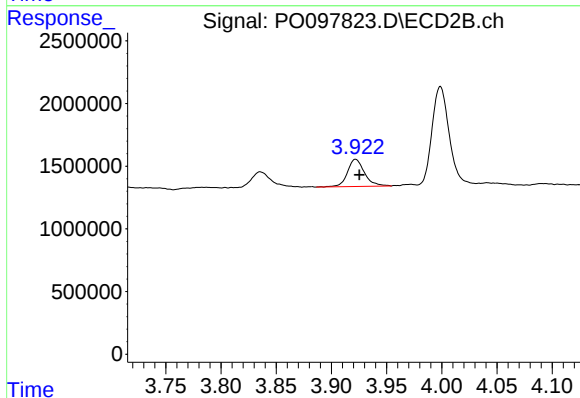
R.T.: 3.836 min
Delta R.T.: -0.004 min
Response: 1685451
Conc: 139.58 ng/ml



#9 AR-1221-2

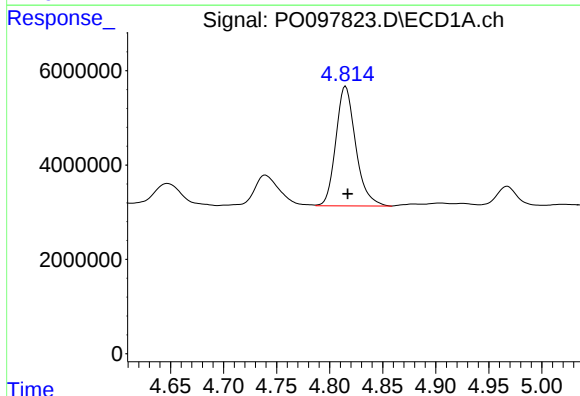
R.T.: 4.739 min
Delta R.T.: -0.001 min
Response: 10645146
Conc: 299.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



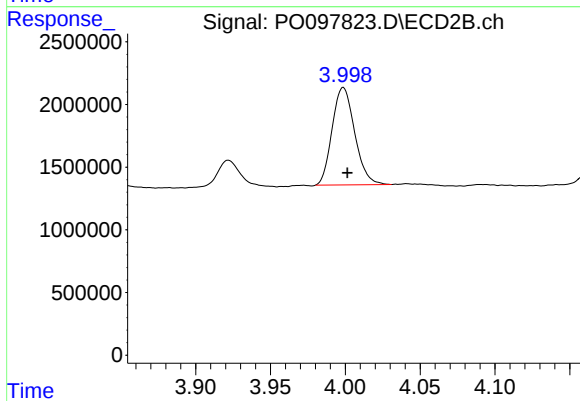
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.003 min
Response: 2344766
Conc: 274.88 ng/ml



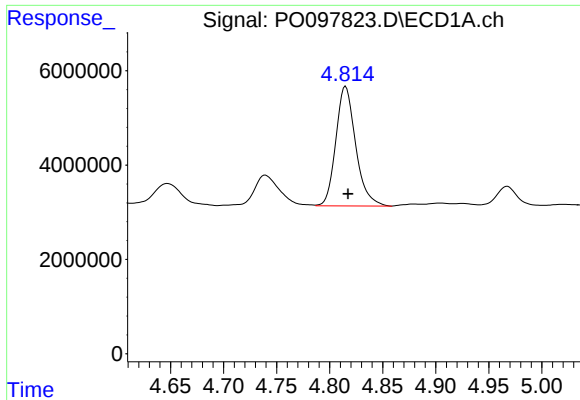
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 33013153
Conc: 318.66 ng/ml



#10 AR-1221-3

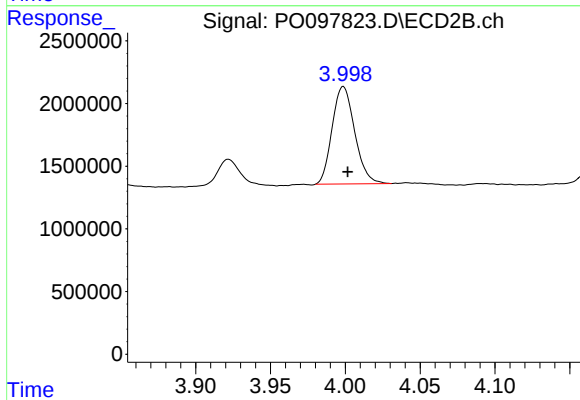
R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 8187686
Conc: 305.55 ng/ml



#11 AR-1232-1

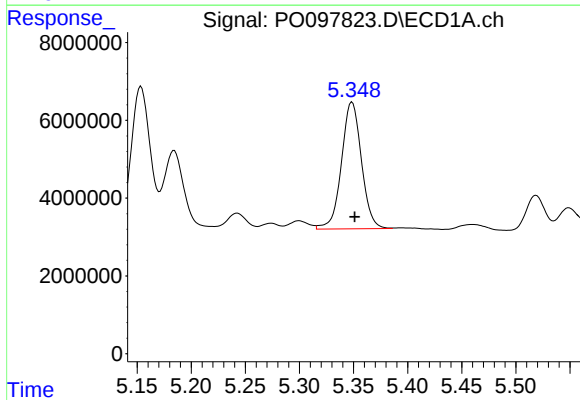
R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 33013153
Conc: 384.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



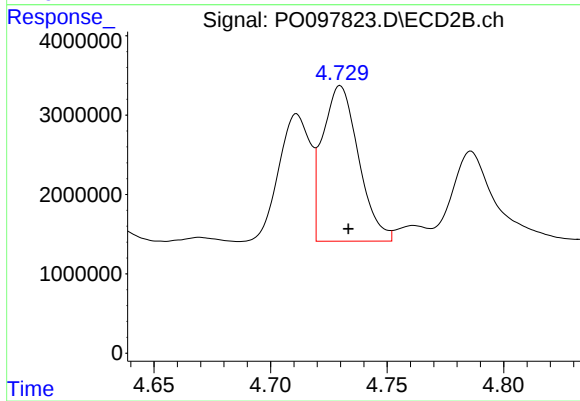
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 8187686
Conc: 371.20 ng/ml



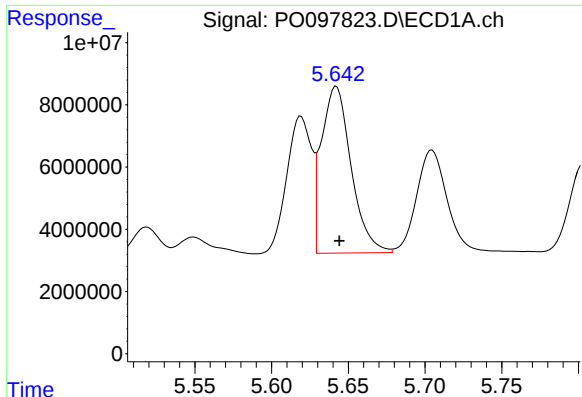
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 41901884
Conc: 958.92 ng/ml



#12 AR-1232-2

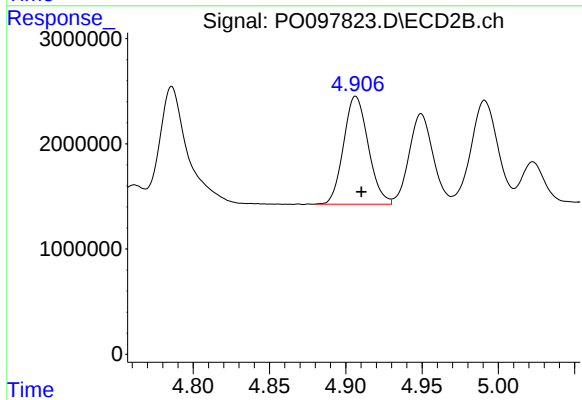
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 21070243
Conc: 1027.01 ng/ml



#13 AR-1232-3

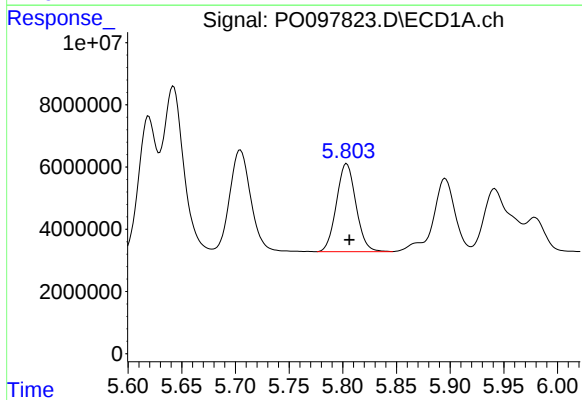
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 72293697
Conc: 997.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



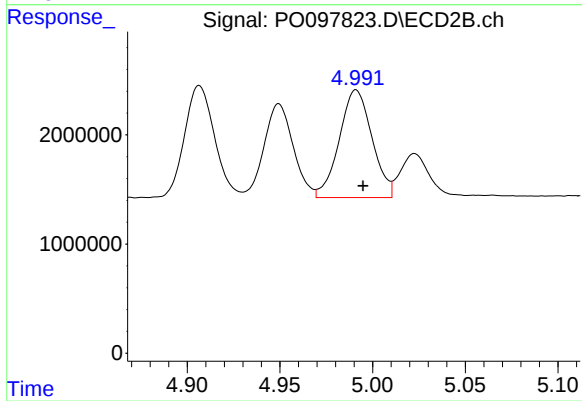
#13 AR-1232-3

R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 11542203
Conc: 1061.53 ng/ml



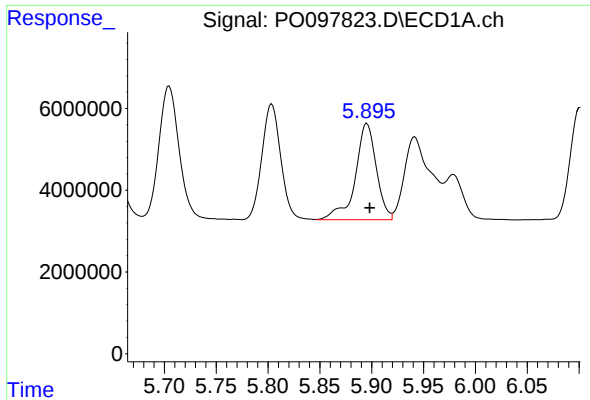
#14 AR-1232-4

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 35833738
Conc: 1039.13 ng/ml



#14 AR-1232-4

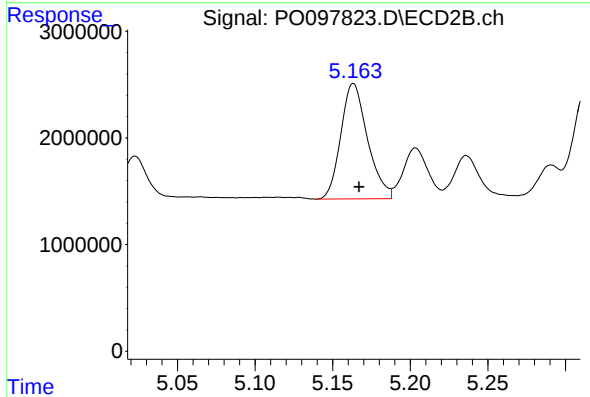
R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 12125167
Conc: 1116.79 ng/ml



#15 AR-1232-5

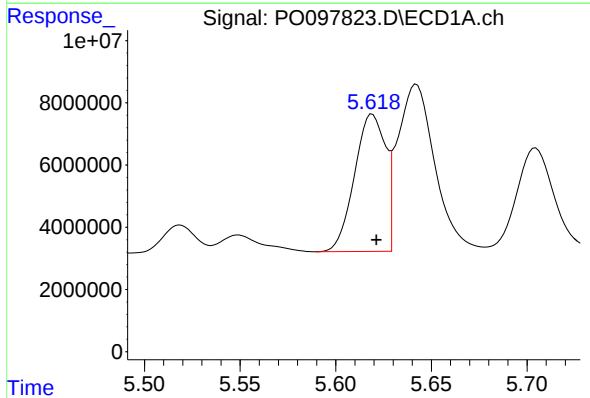
R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 33312486
Conc: 1066.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



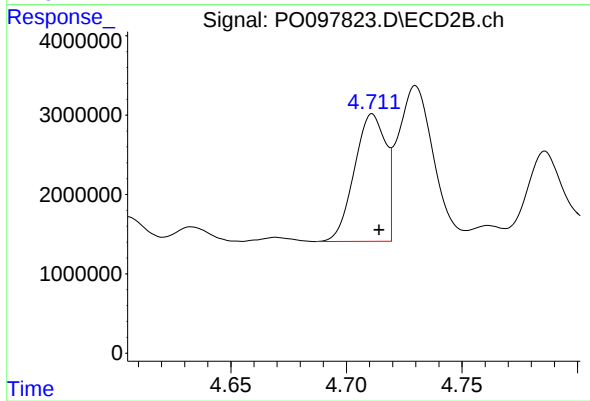
#15 AR-1232-5

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 12979222
Conc: 1070.59 ng/ml



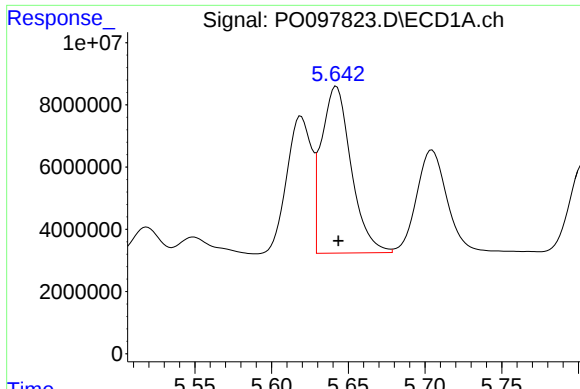
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 49700422
Conc: 533.60 ng/ml



#16 AR-1242-1

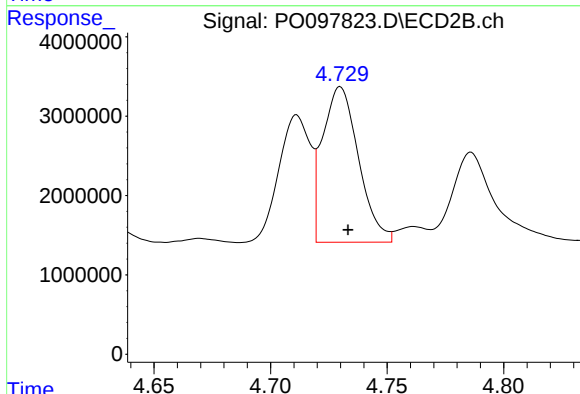
R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 15142215
Conc: 539.58 ng/ml



#17 AR-1242-2

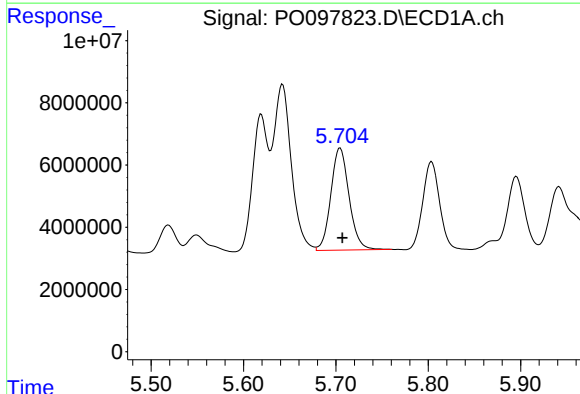
R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 72293697
Conc: 515.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



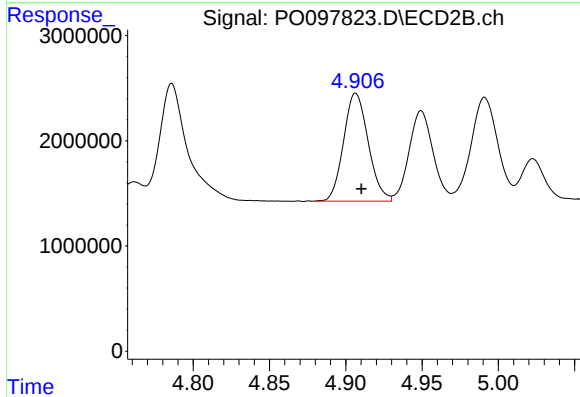
#17 AR-1242-2

R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 21070243
Conc: 530.89 ng/ml



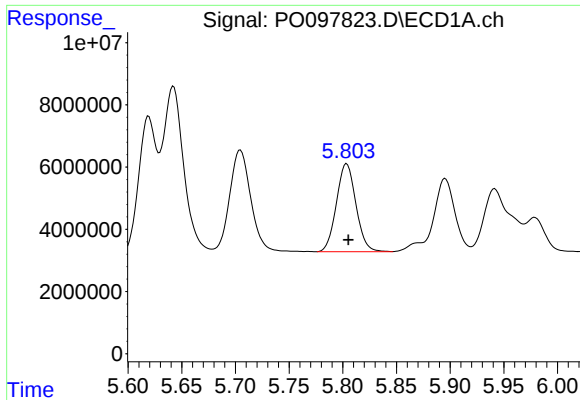
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 45117648
Conc: 521.32 ng/ml



#18 AR-1242-3

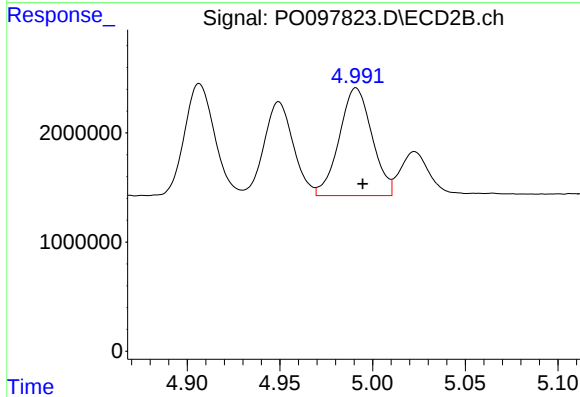
R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 11542203
Conc: 546.20 ng/ml



#19 AR-1242-4

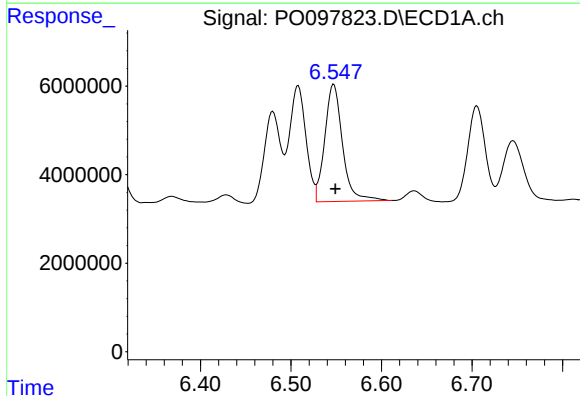
R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 35833738
Conc: 528.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



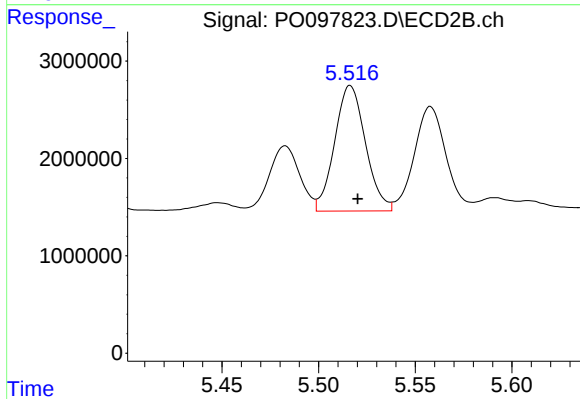
#19 AR-1242-4

R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 12125167
Conc: 529.05 ng/ml



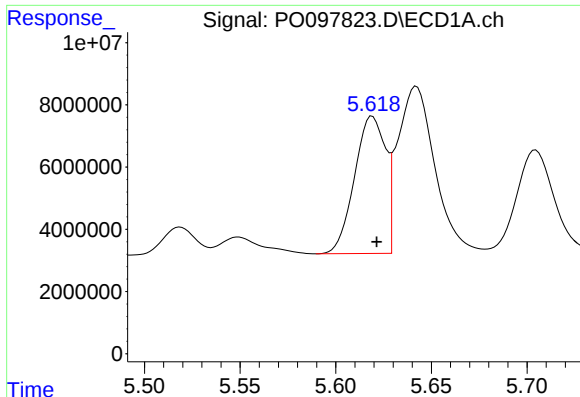
#20 AR-1242-5

R.T.: 6.547 min
Delta R.T.: -0.002 min
Response: 36209485
Conc: 514.58 ng/ml



#20 AR-1242-5

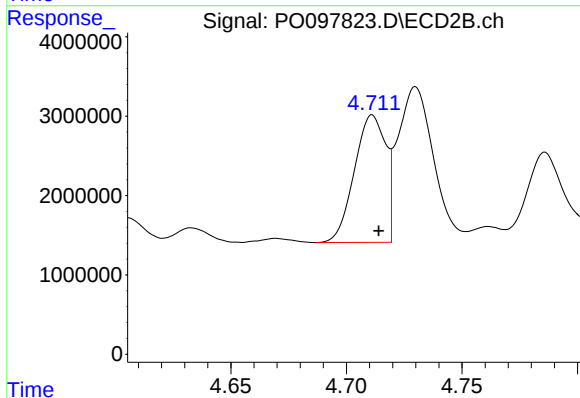
R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 14312858
Conc: 549.41 ng/ml



#21 AR-1248-1

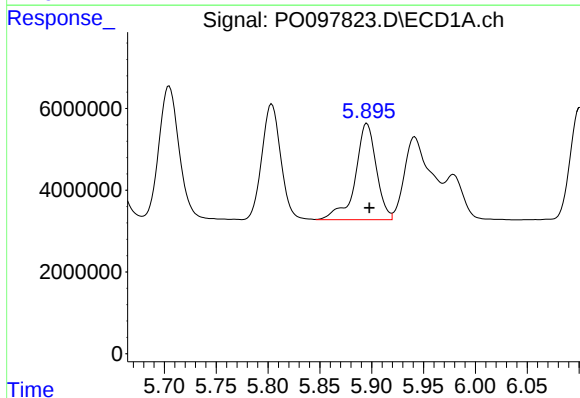
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 49700422
Conc: 732.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



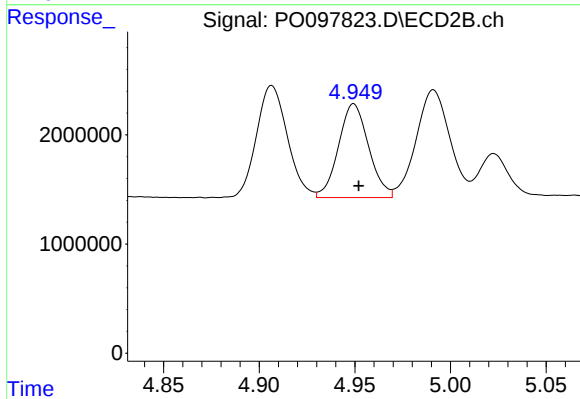
#21 AR-1248-1

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 15142215
Conc: 737.12 ng/ml



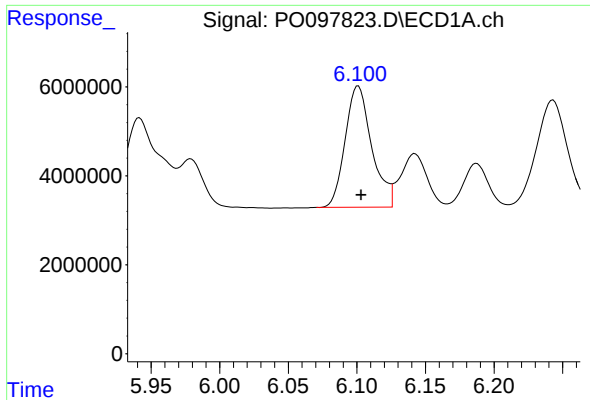
#22 AR-1248-2

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 33312486
Conc: 308.04 ng/ml



#22 AR-1248-2

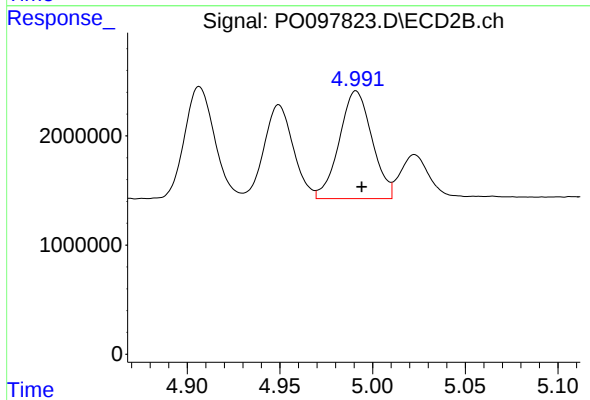
R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 9434163
Conc: 309.65 ng/ml



#23 AR-1248-3

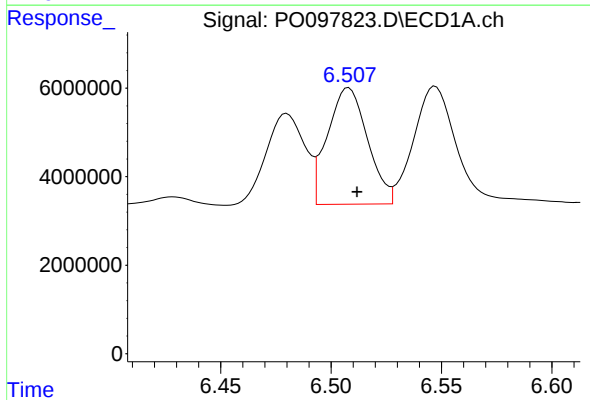
R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 36767185
Conc: 327.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



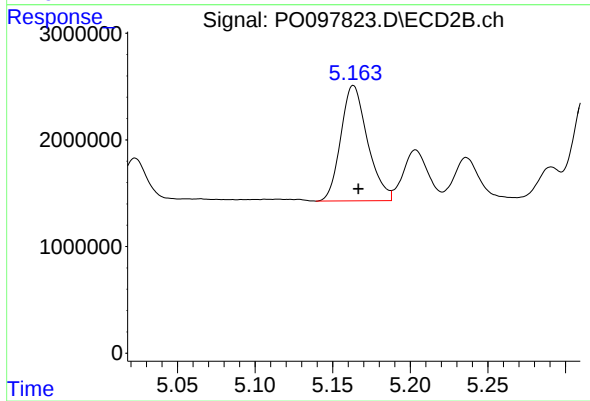
#23 AR-1248-3

R.T.: 4.991 min
Delta R.T.: -0.003 min
Response: 12125167
Conc: 380.73 ng/ml



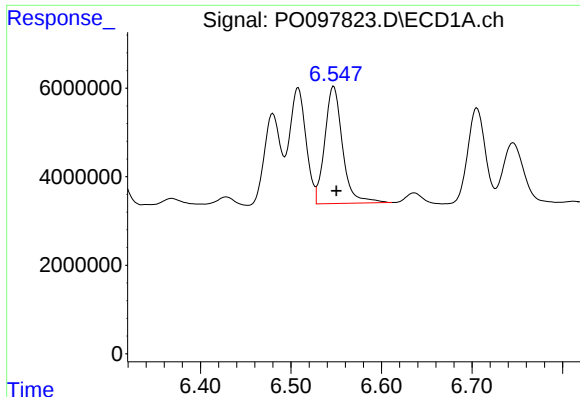
#24 AR-1248-4

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 33291925
Conc: 322.04 ng/ml



#24 AR-1248-4

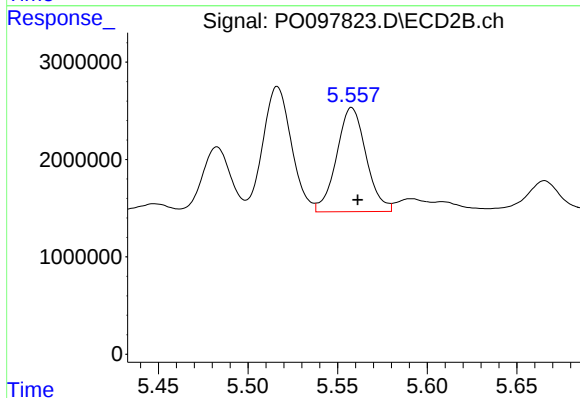
R.T.: 5.163 min
Delta R.T.: -0.003 min
Response: 12979222
Conc: 346.83 ng/ml



#25 AR-1248-5

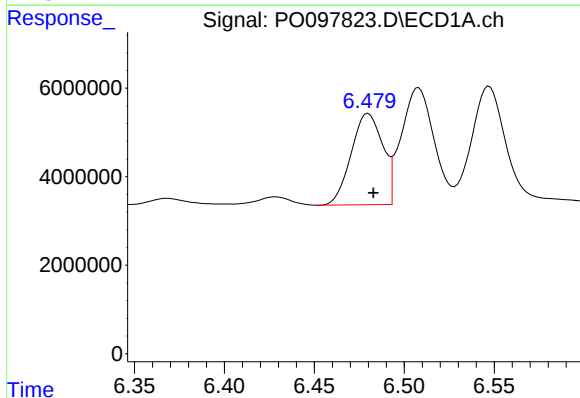
R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 36209485
Conc: 324.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



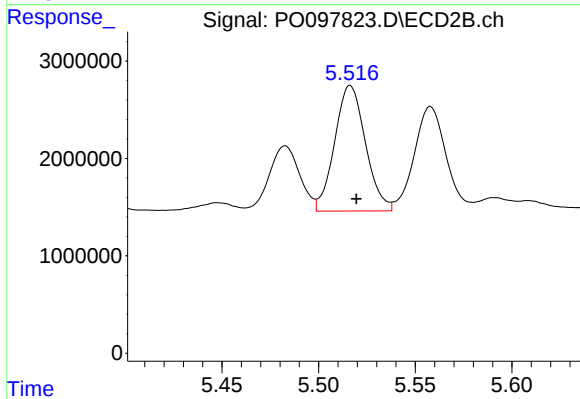
#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: -0.003 min
Response: 12250741
Conc: 367.64 ng/ml



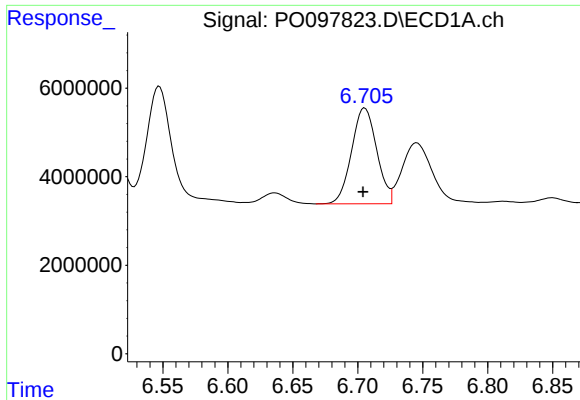
#26 AR-1254-1

R.T.: 6.480 min
Delta R.T.: -0.003 min
Response: 25175716
Conc: 205.35 ng/ml



#26 AR-1254-1

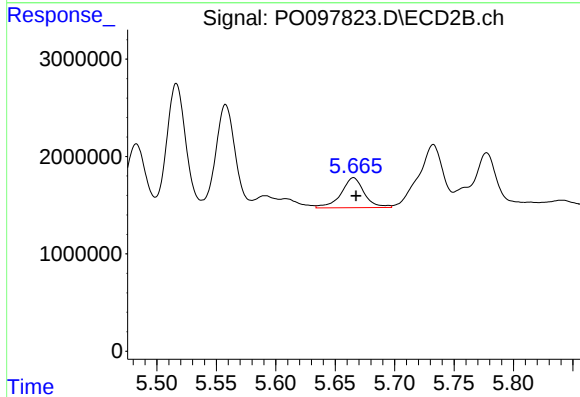
R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 14312858
Conc: 263.28 ng/ml



#27 AR-1254-2

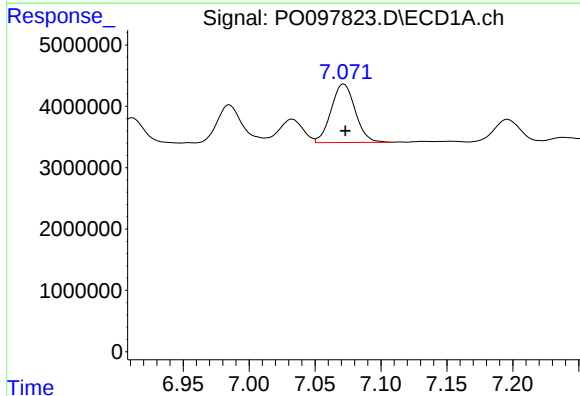
R.T.: 6.705 min
Delta R.T.: 0.001 min
Response: 29155616
Conc: 162.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



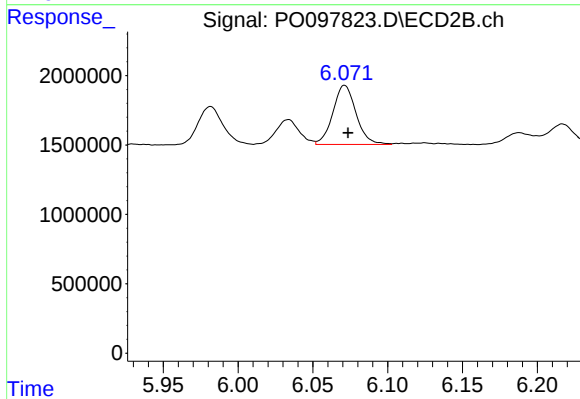
#27 AR-1254-2

R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 4181502
Conc: 86.84 ng/ml



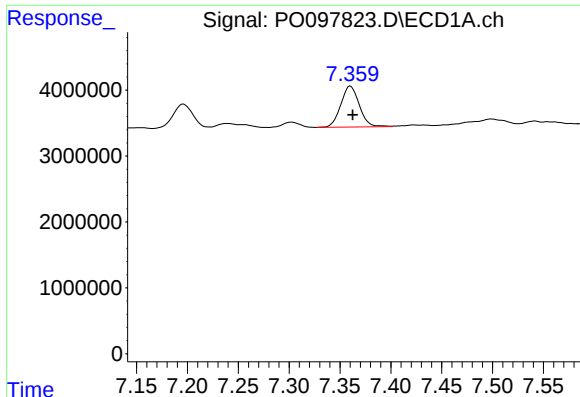
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 12117581
Conc: 68.43 ng/ml



#28 AR-1254-3

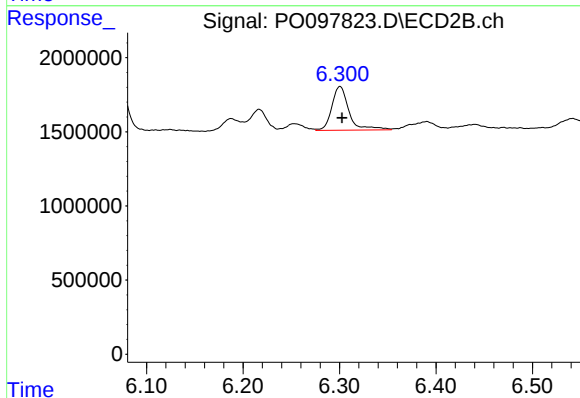
R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 4607620
Conc: 62.37 ng/ml



#29 AR-1254-4

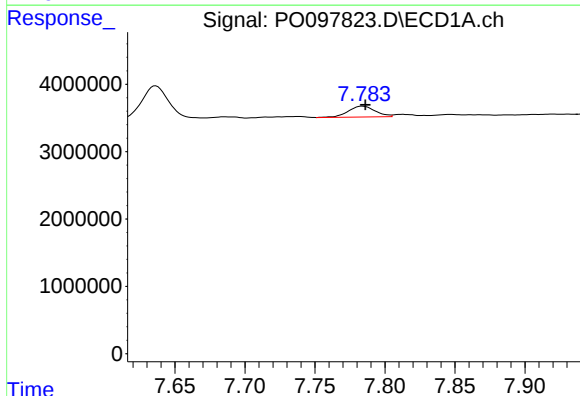
R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 7852789
Conc: 72.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



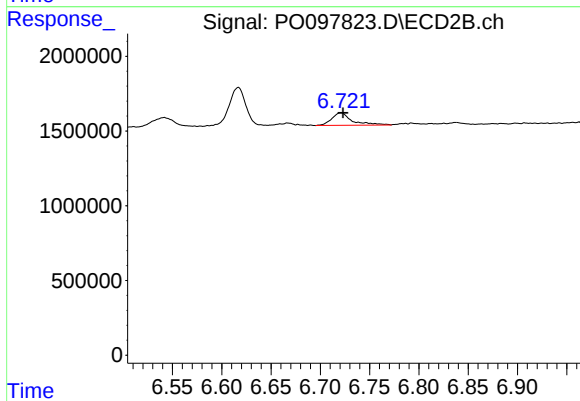
#29 AR-1254-4

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 3619609
Conc: 91.33 ng/ml



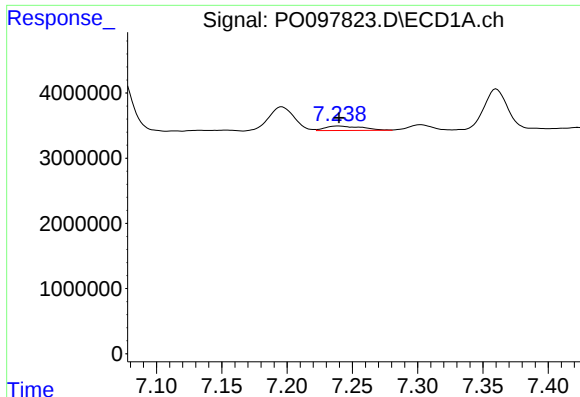
#30 AR-1254-5

R.T.: 7.784 min
Delta R.T.: -0.002 min
Response: 2152608
Conc: 17.90 ng/ml



#30 AR-1254-5

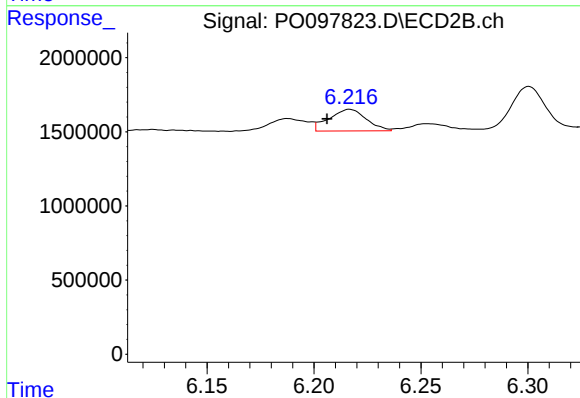
R.T.: 6.721 min
Delta R.T.: -0.002 min
Response: 1214705
Conc: 19.72 ng/ml



#31 AR-1260-1

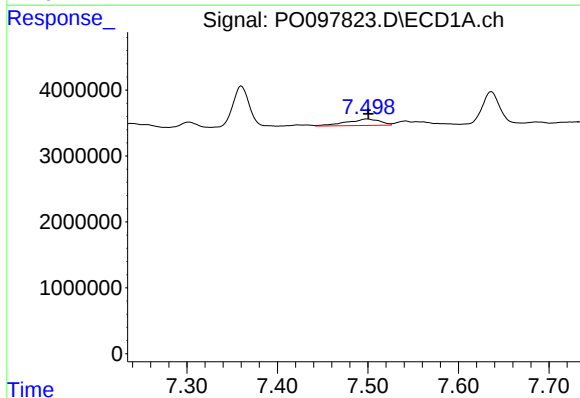
R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 1337067
Conc: 9.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



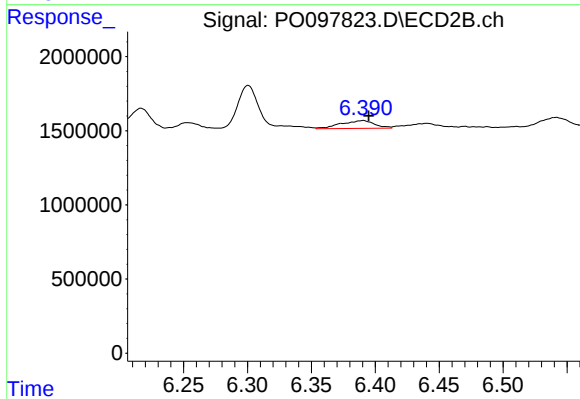
#31 AR-1260-1

R.T.: 6.217 min
Delta R.T.: 0.011 min
Response: 1760012
Conc: 33.08 ng/ml



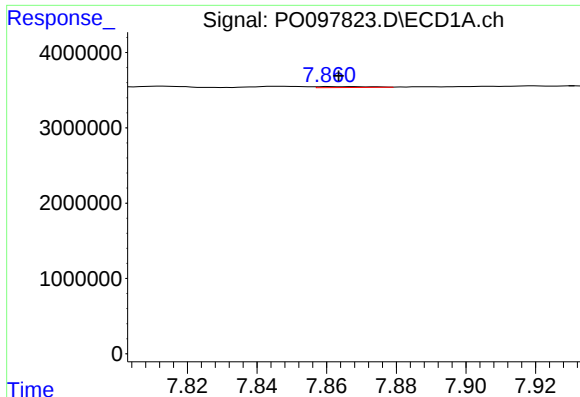
#32 AR-1260-2

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 2537048
Conc: 16.78 ng/ml



#32 AR-1260-2

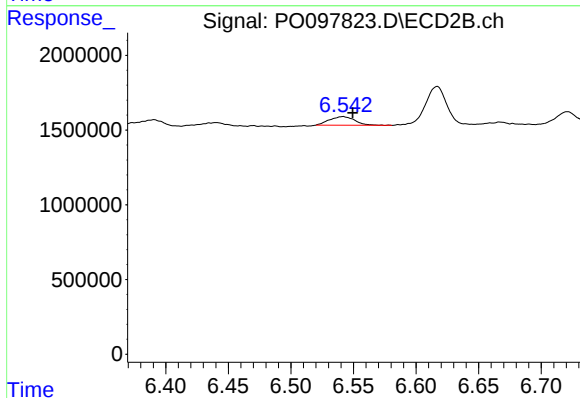
R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 963009
Conc: 15.38 ng/ml



#33 AR-1260-3

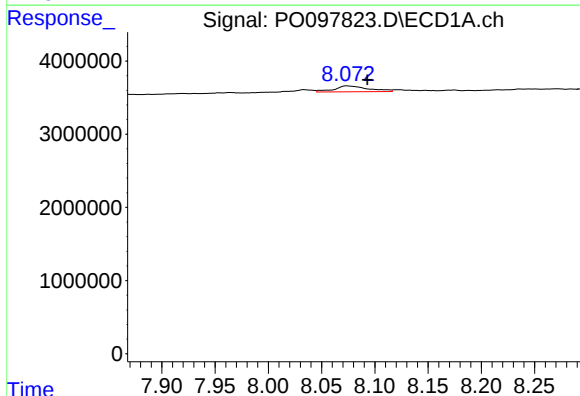
R.T.: 7.861 min
Delta R.T.: -0.003 min
Response: 129691
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



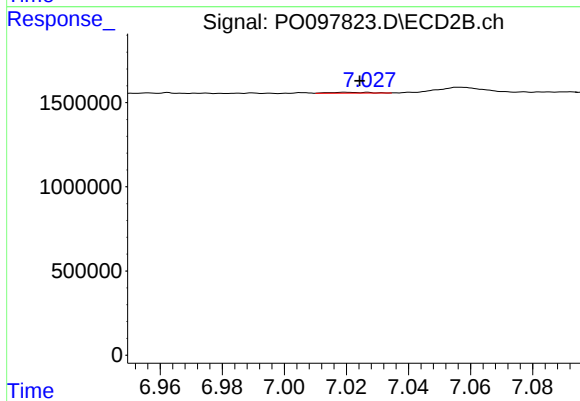
#33 AR-1260-3

R.T.: 6.541 min
Delta R.T.: -0.008 min
Response: 806517
Conc: 13.99 ng/ml



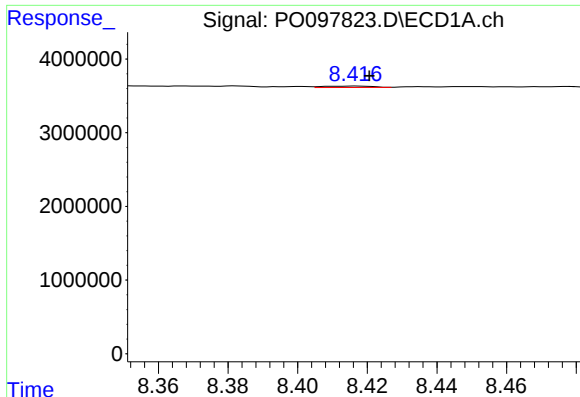
#34 AR-1260-4

R.T.: 8.073 min
Delta R.T.: -0.020 min
Response: 1780739
Conc: 14.98 ng/ml



#34 AR-1260-4

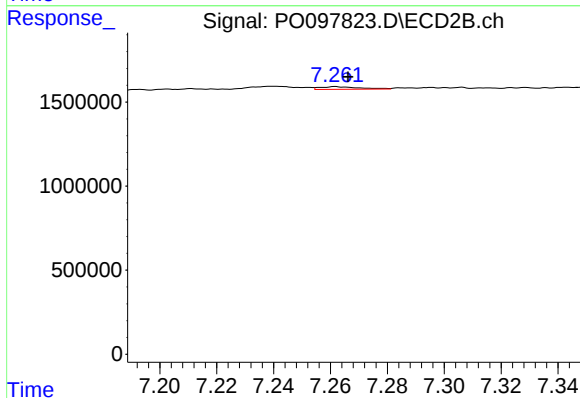
R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 37282
Conc: 0.79 ng/ml



#35 AR-1260-5

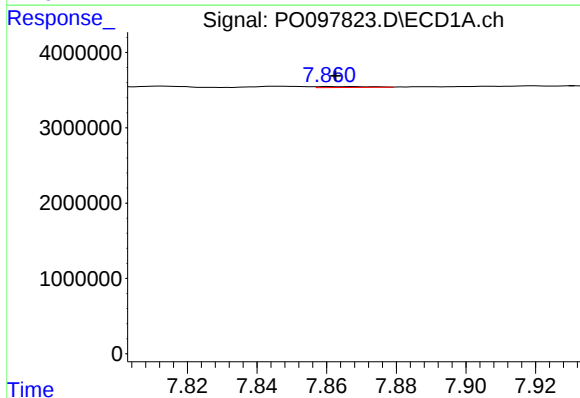
R.T.: 8.416 min
Delta R.T.: -0.004 min
Response: 179375
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



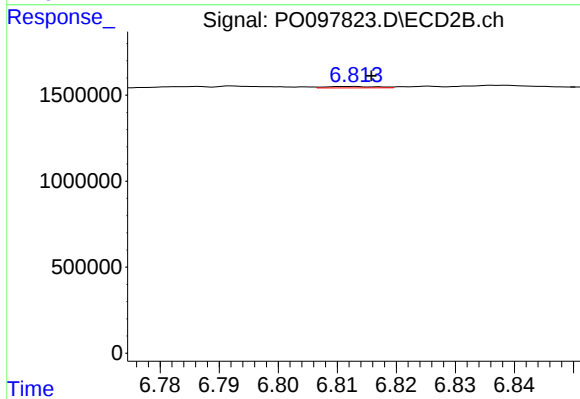
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.004 min
Response: 148627
Conc: 1.50 ng/ml



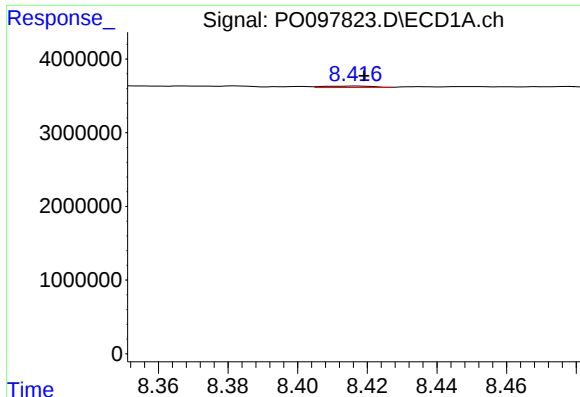
#36 AR-1262-1

R.T.: 7.861 min
Delta R.T.: -0.002 min
Response: 129691
Conc: 0.85 ng/ml



#36 AR-1262-1

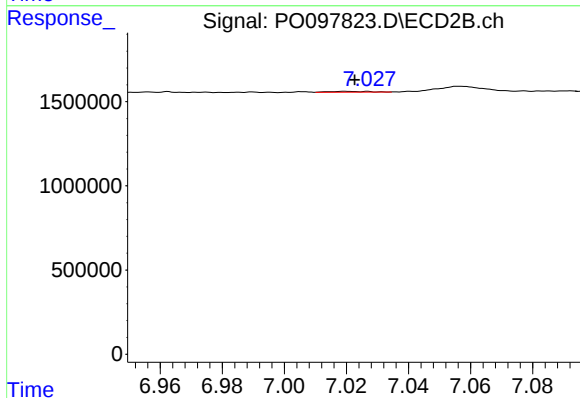
R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 49714
Conc: 1.83 ng/ml



#37 AR-1262-2

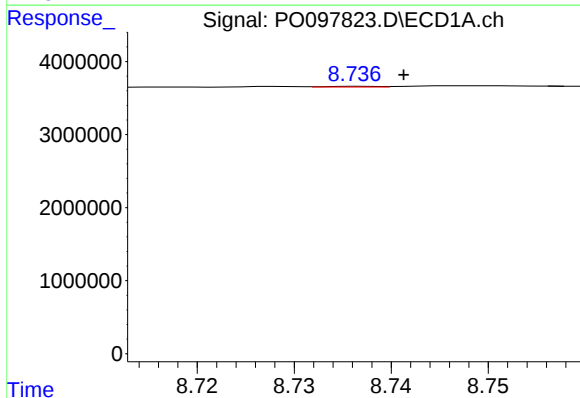
R.T.: 8.416 min
Delta R.T.: -0.003 min
Response: 179375
Conc: 0.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



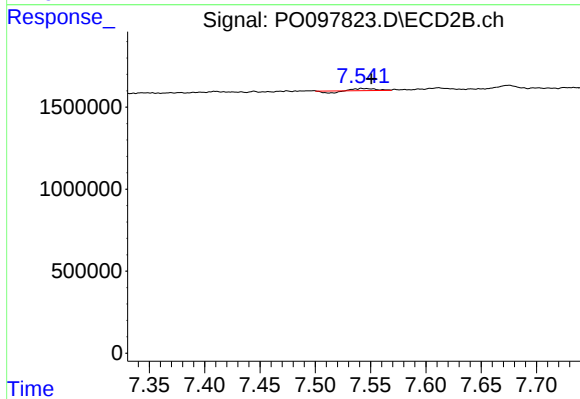
#37 AR-1262-2

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 37282
Conc: 0.64 ng/ml



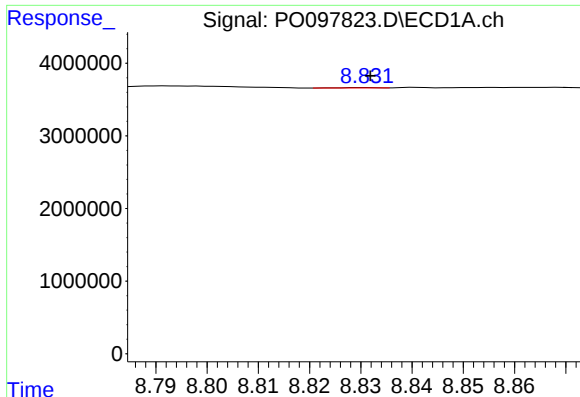
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: -0.005 min
Response: 38677
Conc: 0.25 ng/ml



#38 AR-1262-3

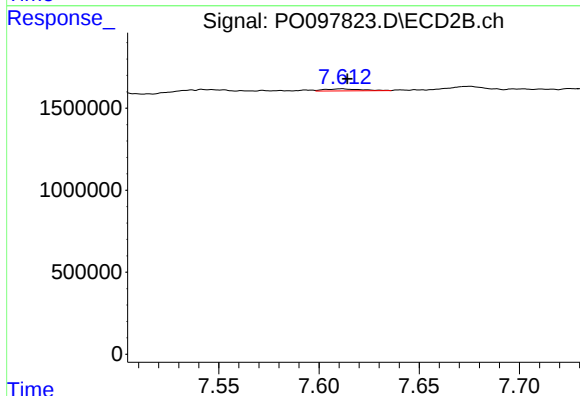
R.T.: 7.542 min
Delta R.T.: -0.009 min
Response: 90025
Conc: 2.06 ng/ml



#39 AR-1262-4

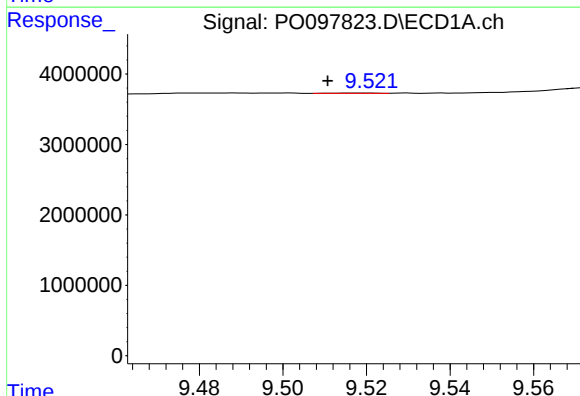
R.T.: 8.831 min
Delta R.T.: -0.001 min
Response: 25755
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



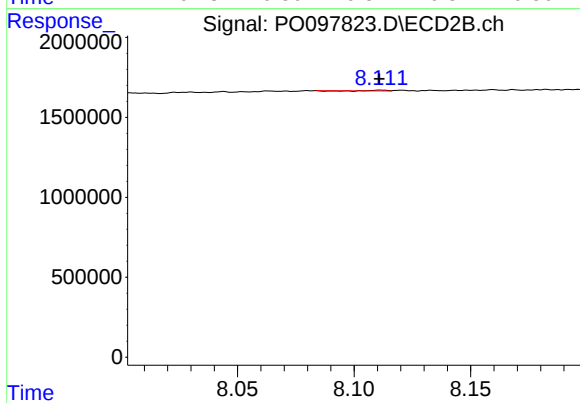
#39 AR-1262-4

R.T.: 7.611 min
Delta R.T.: -0.003 min
Response: 148035
Conc: 1.95 ng/ml



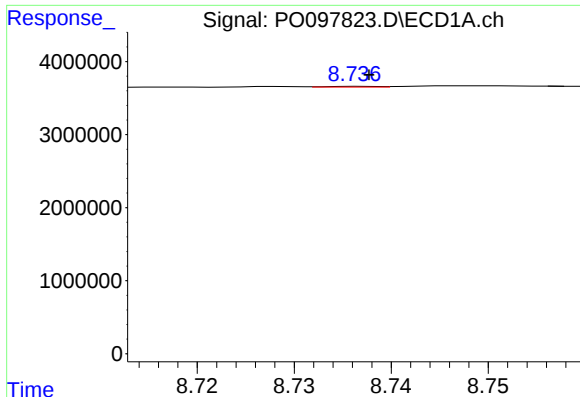
#40 AR-1262-5

R.T.: 9.520 min
Delta R.T.: 0.009 min
Response: 34220
Conc: 0.47 ng/ml



#40 AR-1262-5

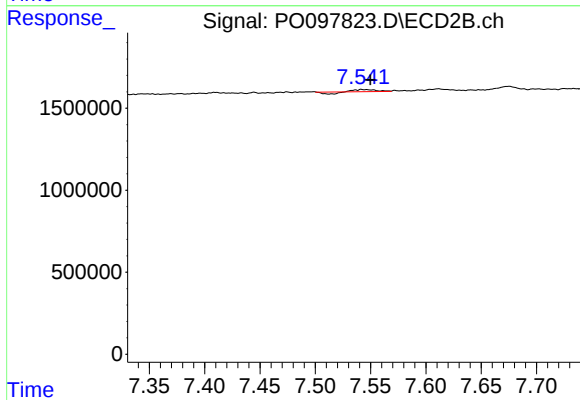
R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 3017
Conc: 0.10 ng/ml



#41 AR-1268-1

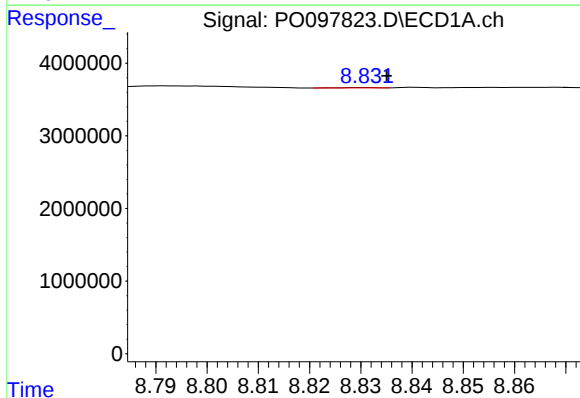
R.T.: 8.737 min
Delta R.T.: 0.000 min
Response: 38677
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



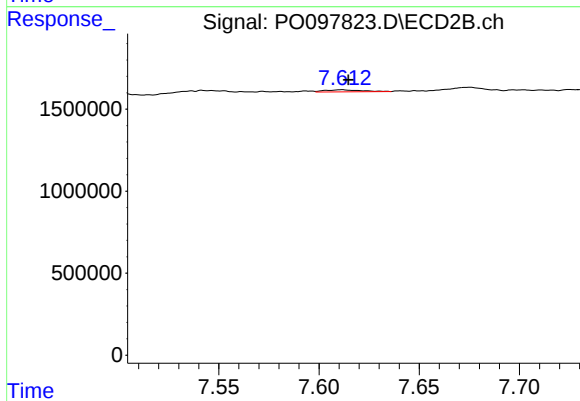
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: -0.008 min
Response: 90025
Conc: 0.68 ng/ml



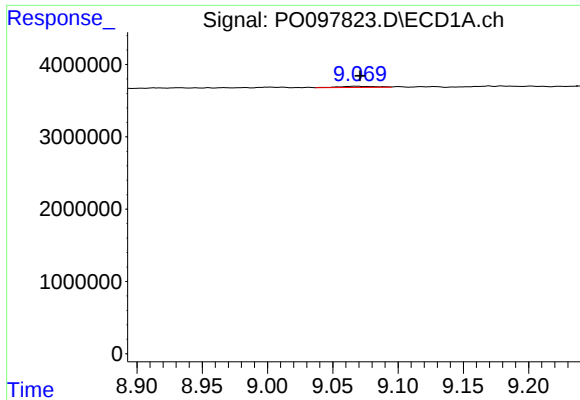
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.004 min
Response: 25755
Conc: 0.10 ng/ml



#42 AR-1268-2

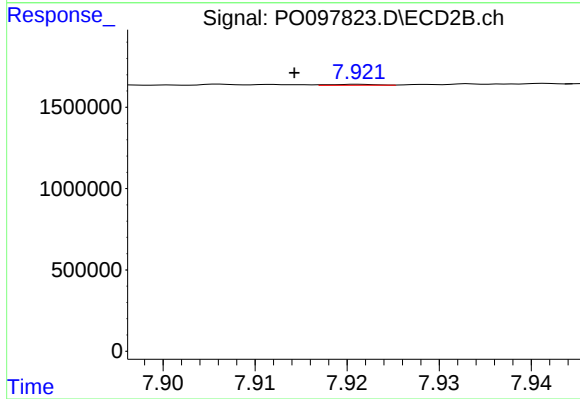
R.T.: 7.611 min
Delta R.T.: -0.003 min
Response: 148035
Conc: 1.28 ng/ml



#43 AR-1268-3

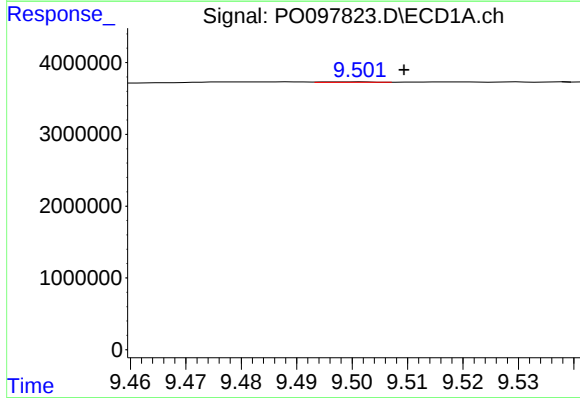
R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 306881
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



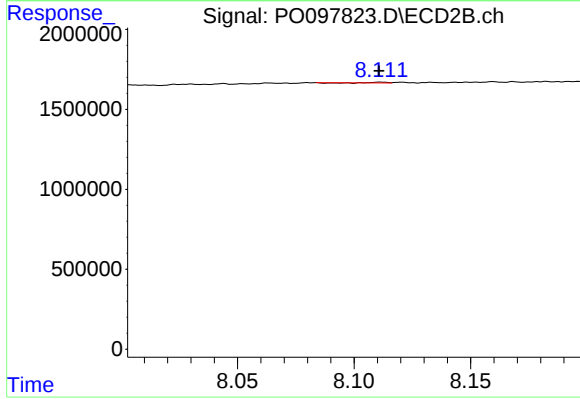
#43 AR-1268-3

R.T.: 7.921 min
Delta R.T.: 0.007 min
Response: 18253
Conc: 0.66 ng/ml



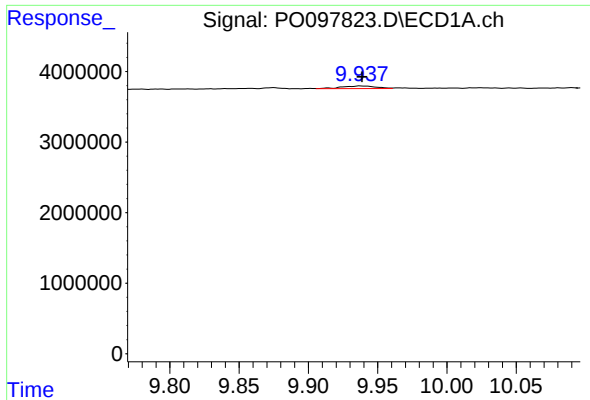
#44 AR-1268-4

R.T.: 9.501 min
Delta R.T.: -0.008 min
Response: 40504
Conc: 0.50 ng/ml



#44 AR-1268-4

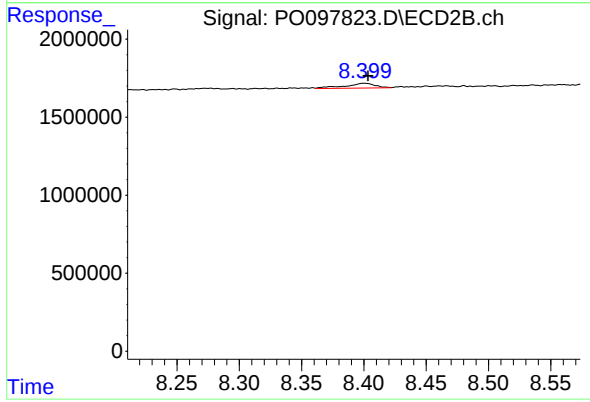
R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 3017
Conc: 0.09 ng/ml



#45 AR-1268-5

R.T.: 9.938 min
Delta R.T.: -0.001 min
Response: 631962
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.400 min
Delta R.T.: -0.003 min
Response: 525015
Conc: 1.67 ng/ml