

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060623\
 Data File : P0095512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2023 12:00
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 20:58:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 02 06:53:15 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...	4.440	3.655	188.5E6	86200922	51.134	54.958
2)	SA Decachlor...	10.295	8.717	120.0E6	59843454	44.356	46.258
Target Compounds							
3)	L1 AR-1016-1	5.623	4.751	34885791	17105191	287.844	293.765
4)	L1 AR-1016-2	5.647	4.770	40573972	16828708	241.480	219.481
5)	L1 AR-1016-3	5.709	4.949	20535517	11513889	195.253	277.352 #
6)	L1 AR-1016-4	5.807	4.990	22371817	24564679	268.529	696.703 #
7)	L1 AR-1016-5	6.106	5.205	54009451	29547971	652.931	664.165
8)	L2 AR-1221-1	4.645	3.868	312326	251336	6.781	12.319 #
9)	L2 AR-1221-2	4.749	3.957	2891525	1207408	84.163	77.776
10)	L2 AR-1221-3	4.815	4.034	3269077	1367755	32.195	29.451
11)	L3 AR-1232-1	4.815	4.034	3269077	1367755	44.570	40.722
12)	L3 AR-1232-2	5.352	4.770	16054717	16828708	390.728	497.223 #
13)	L3 AR-1232-3	5.647	4.949	40573972	11513889	548.975	617.540
14)	L3 AR-1232-4	5.807	5.032	22371817	25677584	604.069	1443.258 #
15)	L3 AR-1232-5	5.900	5.205	50972559	29547971	1661.010	1500.927
16)	L4 AR-1242-1	5.623	4.751	34885791	17105191	376.923	383.437
17)	L4 AR-1242-2	5.647	4.770	40573972	16828708	318.339	289.651
18)	L4 AR-1242-3	5.709	4.949	20535517	11513889	252.342	365.640 #
19)	L4 AR-1242-4	5.807	5.032	22371817	25677584	347.053	761.225 #
20)	L4 AR-1242-5	6.553	5.559	53769656	38432096	778.856	896.346
21)	L5 AR-1248-1	5.623	4.751	34885791	17105191	470.832	485.982
22)	L5 AR-1248-2	5.900	4.990	50972559	24564679	476.473	491.958
23)	L5 AR-1248-3	6.106	5.032	54009451	25677584	471.491	490.259
24)	L5 AR-1248-4	6.513	5.205	55432717	29547971	446.877	484.434
25)	L5 AR-1248-5	6.553	5.601	53769656	26563766	441.248	446.359
26)	L6 AR-1254-1	6.486	5.559	44017485	38432096	345.153	436.705 #
27)	L6 AR-1254-2	6.711	5.709	54924045	12185410	289.477	152.866 #
28)	L6 AR-1254-3	7.077	6.116	29762372	17709801	156.872	144.893
29)	L6 AR-1254-4	7.365	6.346	19208514	11913639	135.673	157.862
30)	L6 AR-1254-5	7.787	6.767	4324411	3439724	27.280	30.743
31)	L7 AR-1260-1	7.245	6.235	2952070	1862713	19.910	21.835
32)	L7 AR-1260-2	7.501	6.436	2261256	1505060	12.883	14.729
33)	L7 AR-1260-3	7.849	6.590	648902	1860348	5.780	19.869 #
34)	L7 AR-1260-4	8.078	7.068	2092720	283697	15.359	4.171 #
35)	L7 AR-1260-5	8.418	7.309	936974	409900	3.681	2.599 #
36)	L8 AR-1262-1	7.849	6.859	648902	188485	3.515	4.071
37)	L8 AR-1262-2	8.418	7.068	936974	283697	2.935	2.909
38)	L8 AR-1262-3	8.722	7.597	11154	122914	0.050	1.603 #
39)	L8 AR-1262-4	8.830	7.660	142841	395844	1.213	2.880 #
40)	L8 AR-1262-5	9.504	0.000	145934	0	1.217	N.D. #
41)	L9 AR-1268-1	8.722	7.597	11154	122914	0.030	0.569 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060623\
Data File : P0095512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2023 12:00
Operator : YP/AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

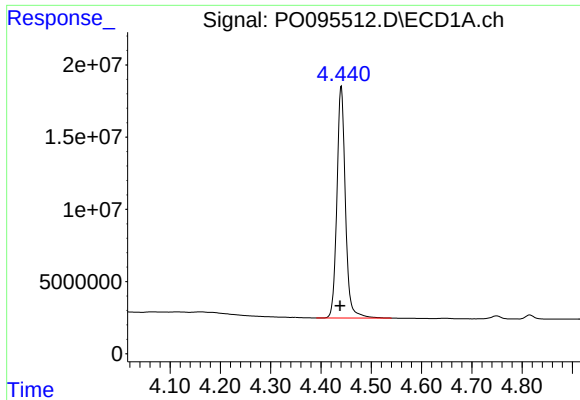
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 20:58:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060123.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jun 02 06:53:15 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	8.830	7.660	142841	395844	0.422	2.074 #
43) L9	AR-1268-3	9.073	7.871	250606	143504	0.867	0.885
44) L9	AR-1268-4	9.504	0.000	145934	0	1.148	N.D. #
45) L9	AR-1268-5	9.945	8.457	995218	303412	1.058	0.633 #

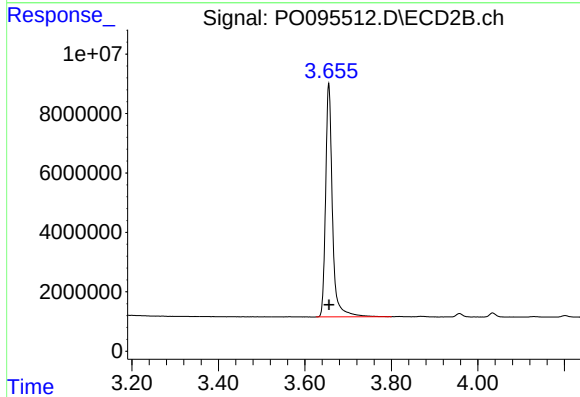
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

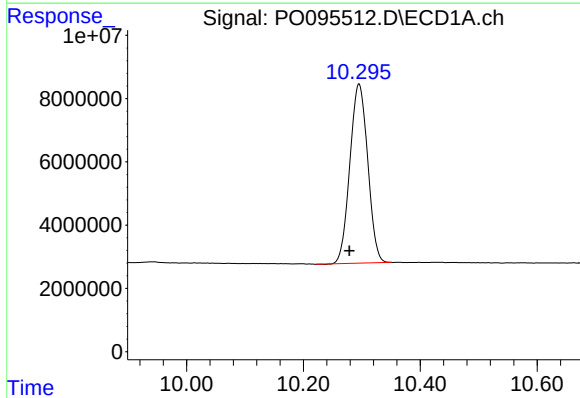
R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 188455467
Conc: 51.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



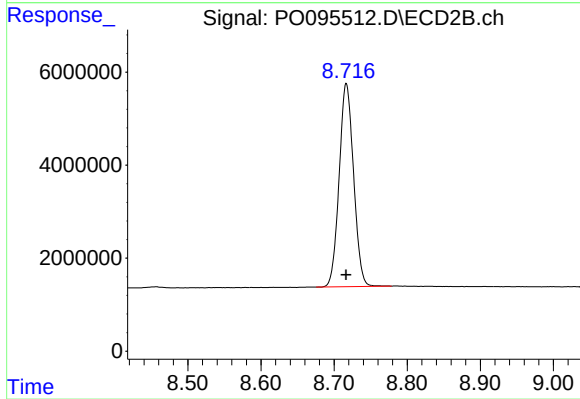
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: -0.001 min
Response: 86200922
Conc: 54.96 ng/ml



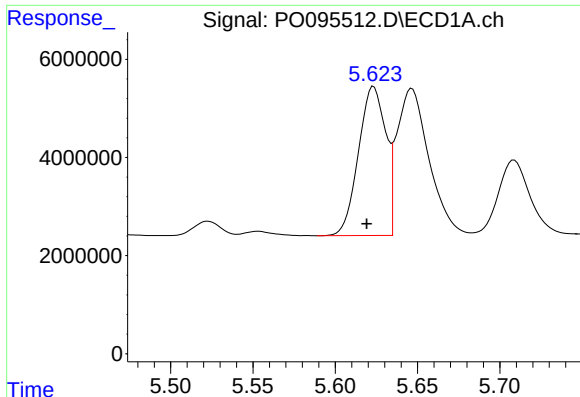
#2 Decachlorobiphenyl

R.T.: 10.295 min
Delta R.T.: 0.017 min
Response: 120049317
Conc: 44.36 ng/ml



#2 Decachlorobiphenyl

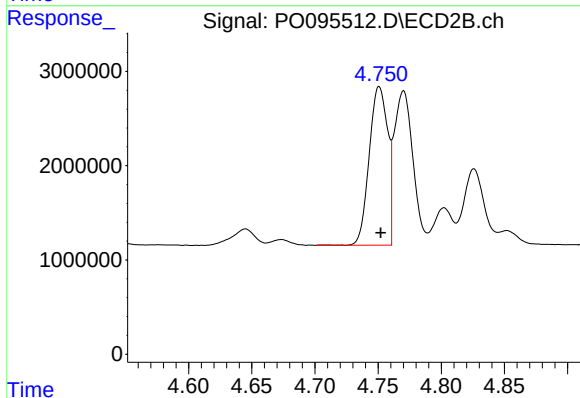
R.T.: 8.717 min
Delta R.T.: 0.000 min
Response: 59843454
Conc: 46.26 ng/ml



#3 AR-1016-1

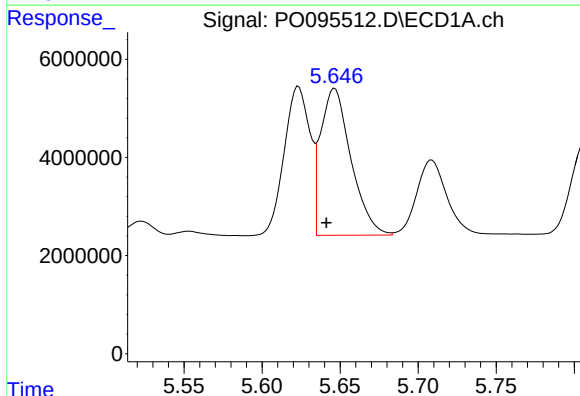
R.T.: 5.623 min
Delta R.T.: 0.004 min
Response: 34885791
Conc: 287.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



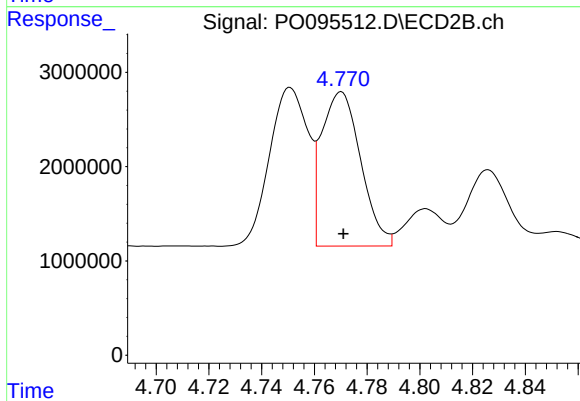
#3 AR-1016-1

R.T.: 4.751 min
Delta R.T.: -0.001 min
Response: 17105191
Conc: 293.77 ng/ml



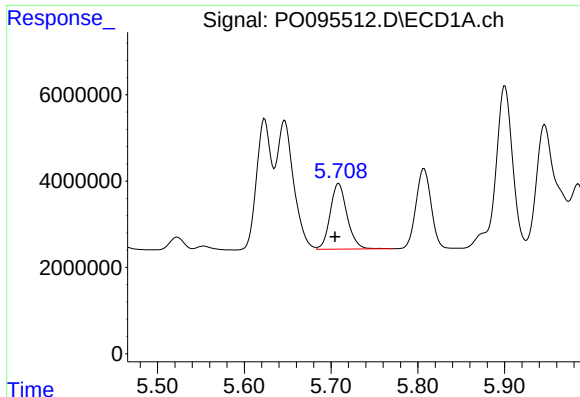
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: 0.005 min
Response: 40573972
Conc: 241.48 ng/ml



#4 AR-1016-2

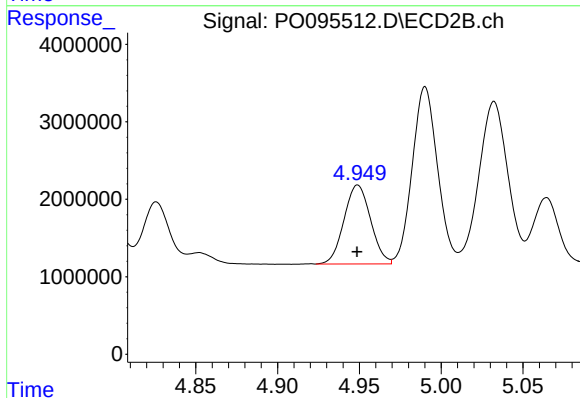
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 16828708
Conc: 219.48 ng/ml



#5 AR-1016-3

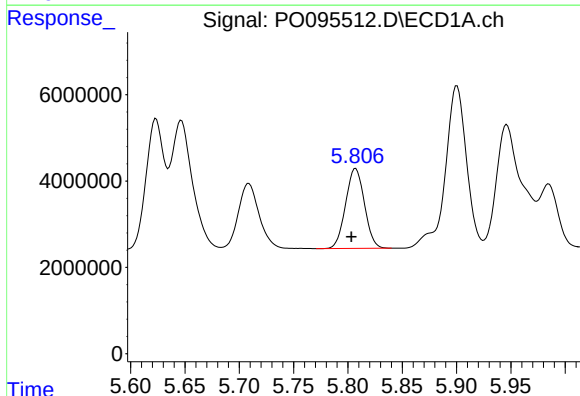
R.T.: 5.709 min
Delta R.T.: 0.004 min
Response: 20535517
Conc: 195.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



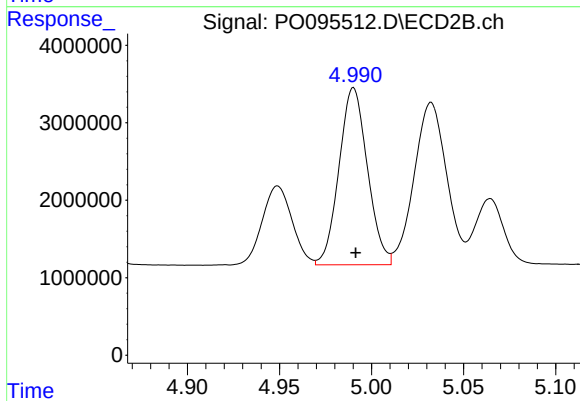
#5 AR-1016-3

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 11513889
Conc: 277.35 ng/ml



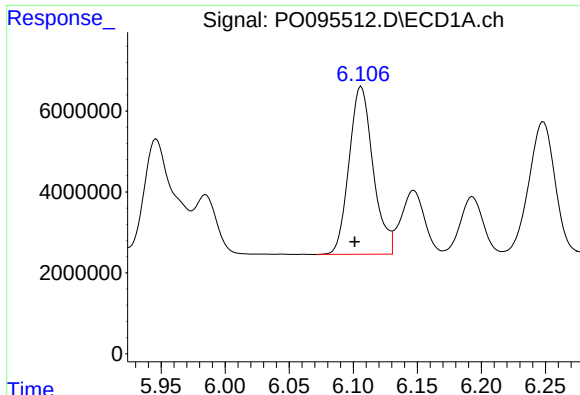
#6 AR-1016-4

R.T.: 5.807 min
Delta R.T.: 0.004 min
Response: 22371817
Conc: 268.53 ng/ml



#6 AR-1016-4

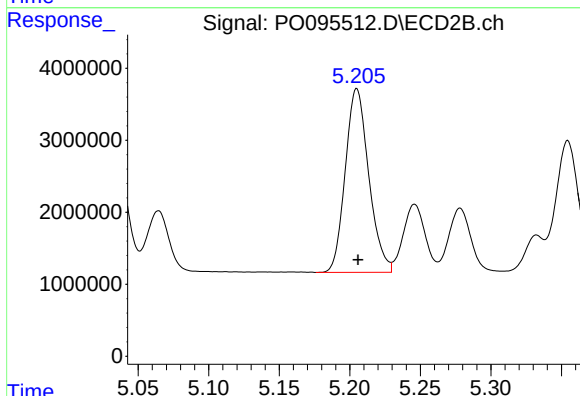
R.T.: 4.990 min
Delta R.T.: -0.001 min
Response: 24564679
Conc: 696.70 ng/ml



#7 AR-1016-5

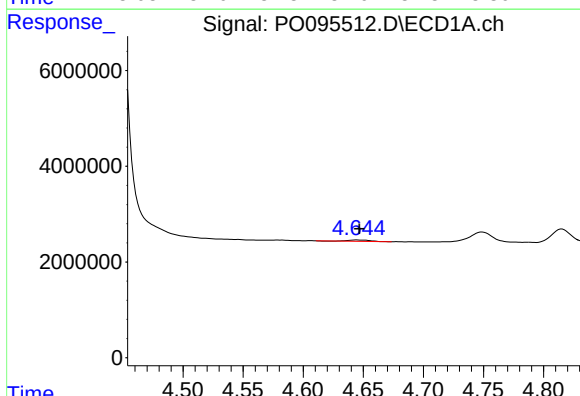
R.T.: 6.106 min
Delta R.T.: 0.005 min
Response: 54009451
Conc: 652.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



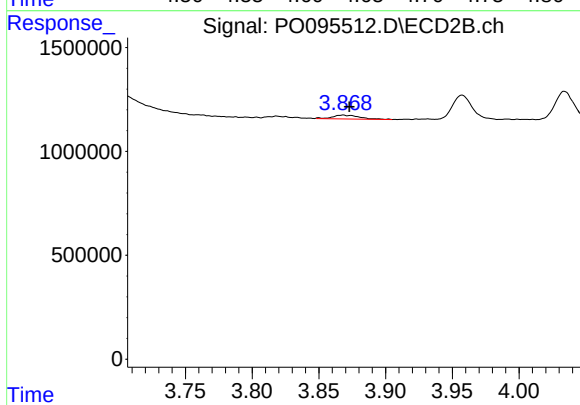
#7 AR-1016-5

R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 29547971
Conc: 664.16 ng/ml



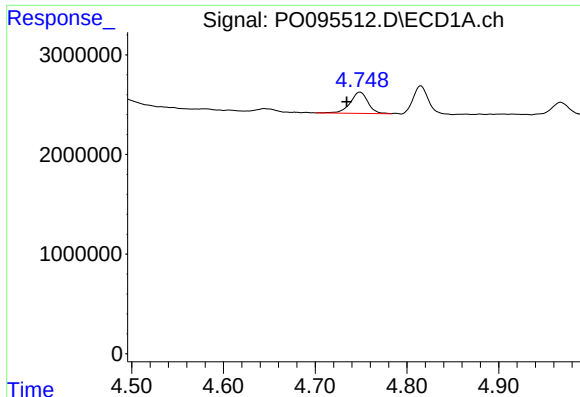
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 312326
Conc: 6.78 ng/ml



#8 AR-1221-1

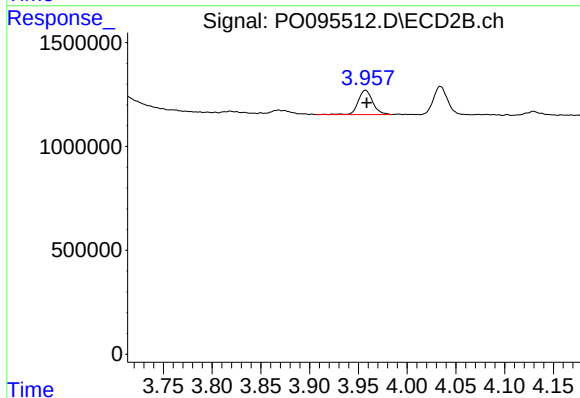
R.T.: 3.868 min
Delta R.T.: -0.005 min
Response: 251336
Conc: 12.32 ng/ml



#9 AR-1221-2

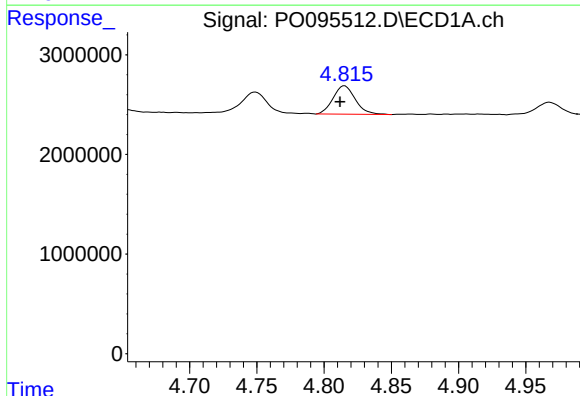
R.T.: 4.749 min
Delta R.T.: 0.015 min
Response: 2891525
Conc: 84.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



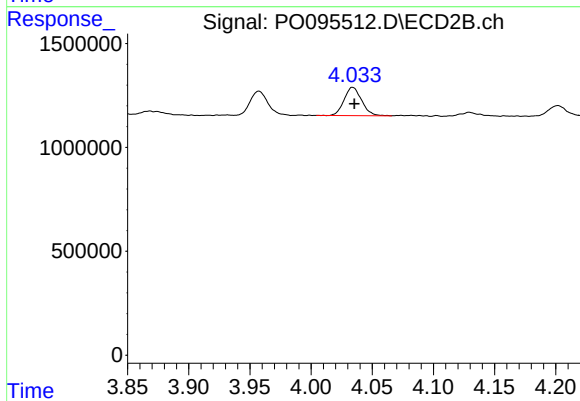
#9 AR-1221-2

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 1207408
Conc: 77.78 ng/ml



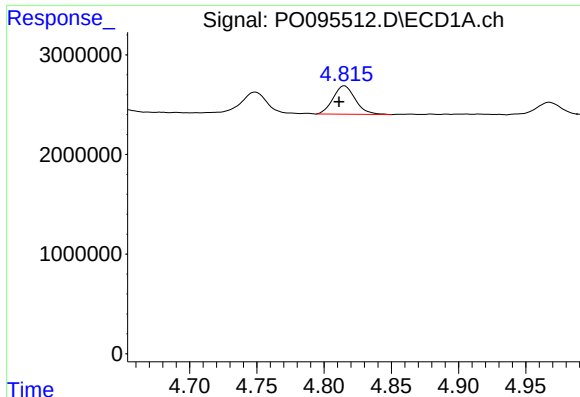
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: 0.003 min
Response: 3269077
Conc: 32.19 ng/ml



#10 AR-1221-3

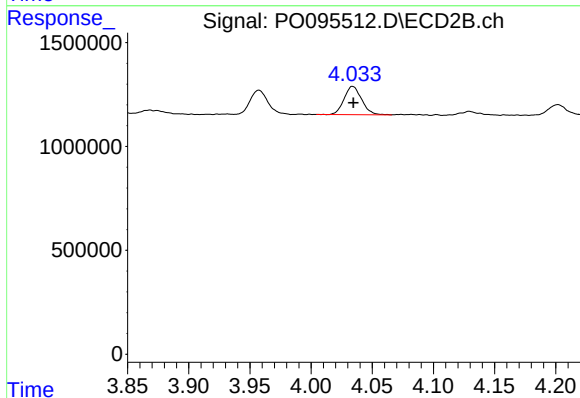
R.T.: 4.034 min
Delta R.T.: -0.001 min
Response: 1367755
Conc: 29.45 ng/ml



#11 AR-1232-1

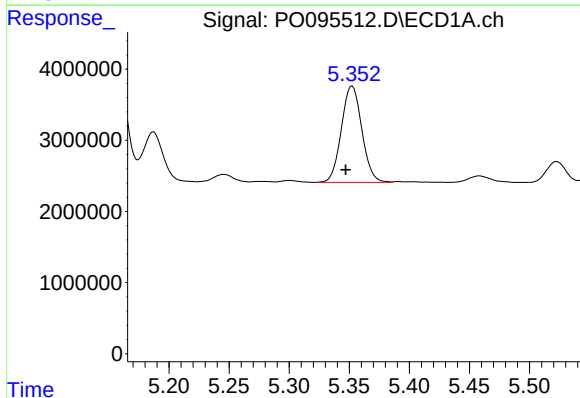
R.T.: 4.815 min
Delta R.T.: 0.004 min
Response: 3269077
Conc: 44.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



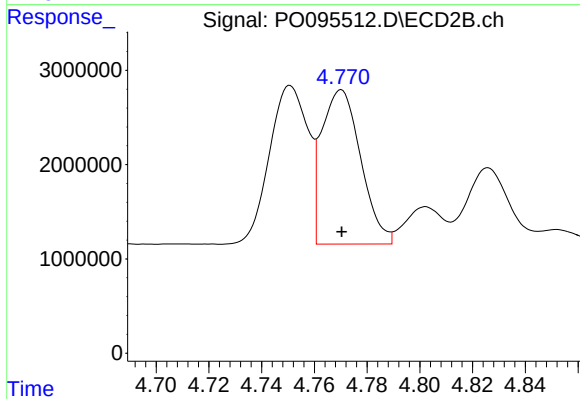
#11 AR-1232-1

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 1367755
Conc: 40.72 ng/ml



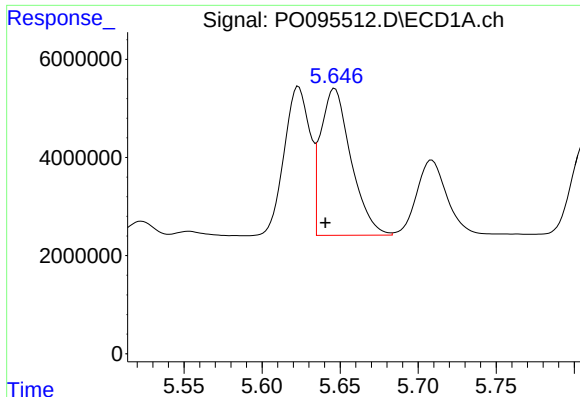
#12 AR-1232-2

R.T.: 5.352 min
Delta R.T.: 0.005 min
Response: 16054717
Conc: 390.73 ng/ml



#12 AR-1232-2

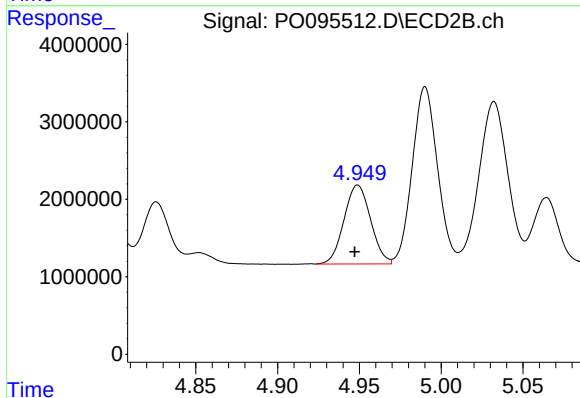
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 16828708
Conc: 497.22 ng/ml



#13 AR-1232-3

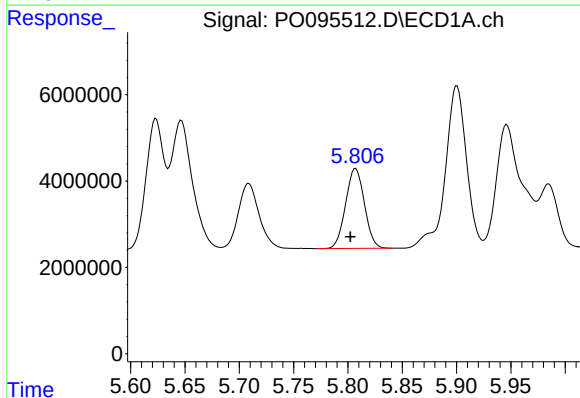
R.T.: 5.647 min
Delta R.T.: 0.006 min
Response: 40573972
Conc: 548.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



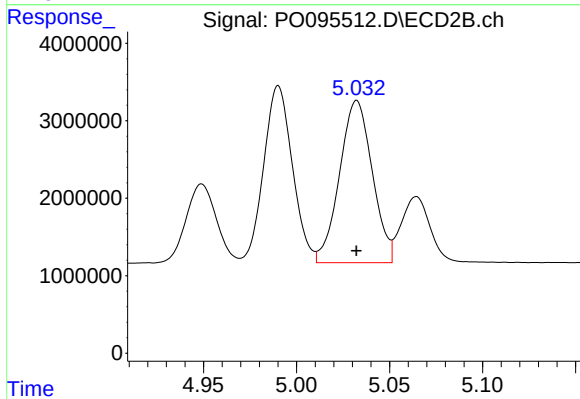
#13 AR-1232-3

R.T.: 4.949 min
Delta R.T.: 0.002 min
Response: 11513889
Conc: 617.54 ng/ml



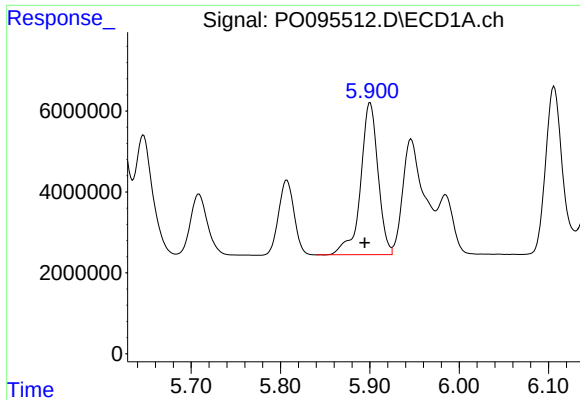
#14 AR-1232-4

R.T.: 5.807 min
Delta R.T.: 0.005 min
Response: 22371817
Conc: 604.07 ng/ml



#14 AR-1232-4

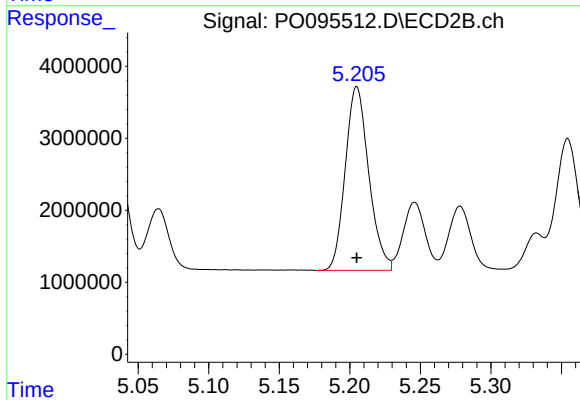
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 25677584
Conc: 1443.26 ng/ml



#15 AR-1232-5

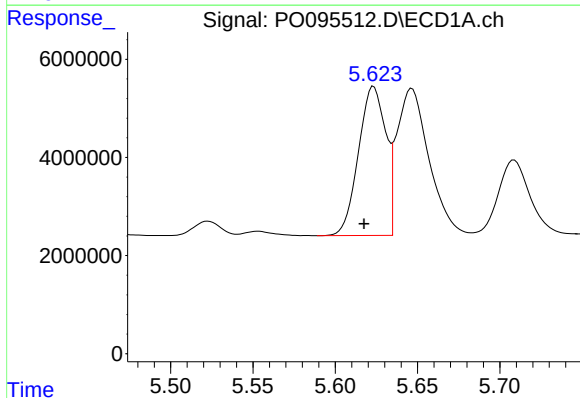
R.T.: 5.900 min
Delta R.T.: 0.006 min
Response: 50972559
Conc: 1661.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



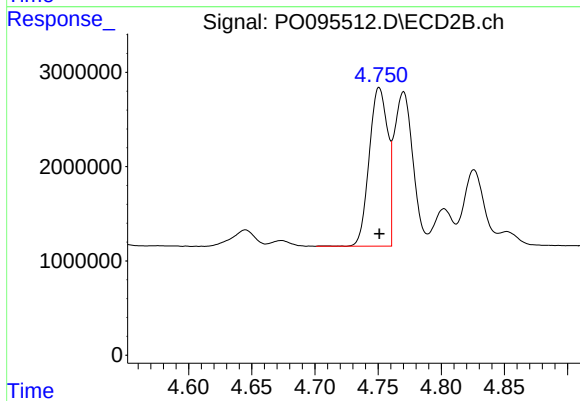
#15 AR-1232-5

R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 29547971
Conc: 1500.93 ng/ml



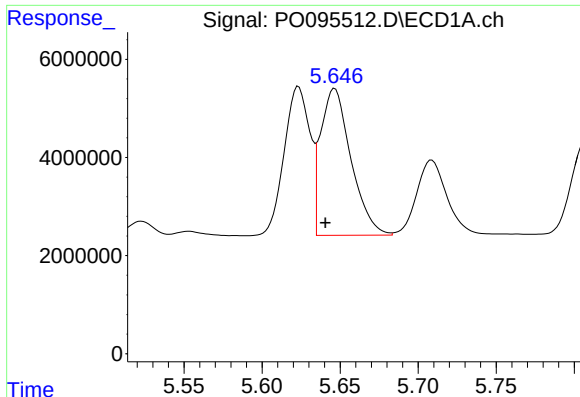
#16 AR-1242-1

R.T.: 5.623 min
Delta R.T.: 0.006 min
Response: 34885791
Conc: 376.92 ng/ml



#16 AR-1242-1

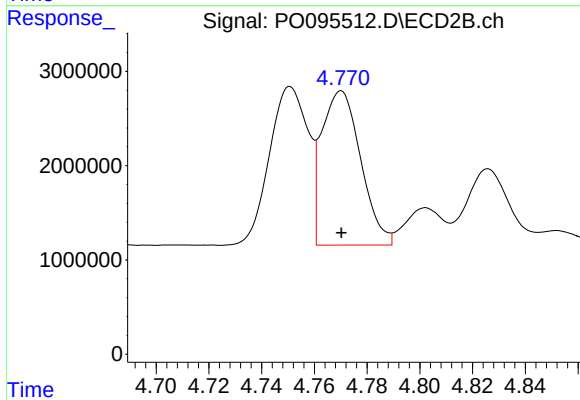
R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 17105191
Conc: 383.44 ng/ml



#17 AR-1242-2

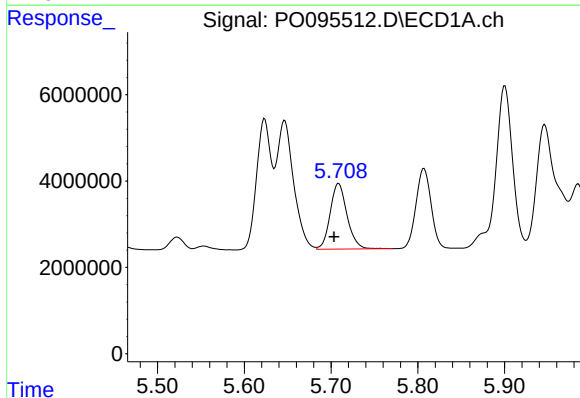
R.T.: 5.647 min
Delta R.T.: 0.006 min
Response: 40573972
Conc: 318.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



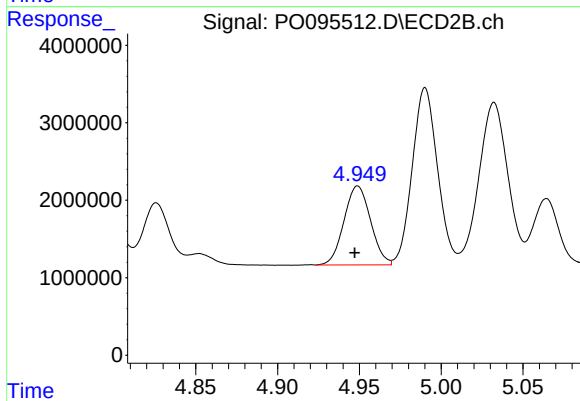
#17 AR-1242-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 16828708
Conc: 289.65 ng/ml



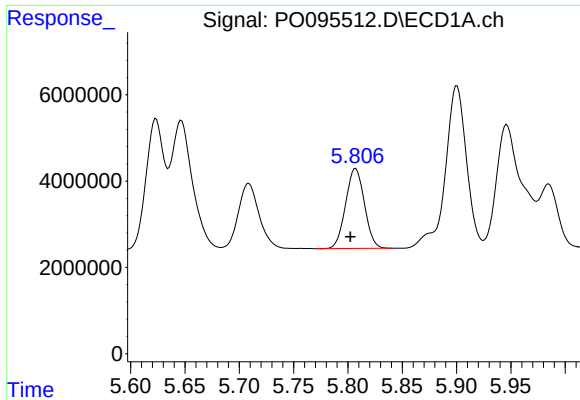
#18 AR-1242-3

R.T.: 5.709 min
Delta R.T.: 0.005 min
Response: 20535517
Conc: 252.34 ng/ml



#18 AR-1242-3

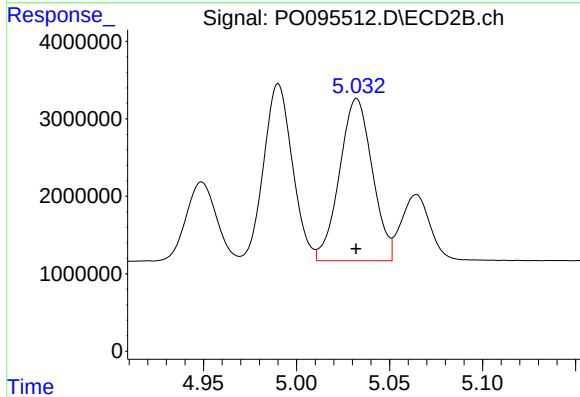
R.T.: 4.949 min
Delta R.T.: 0.002 min
Response: 11513889
Conc: 365.64 ng/ml



#19 AR-1242-4

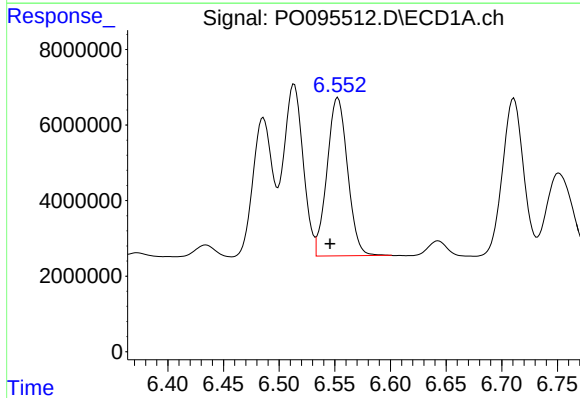
R.T.: 5.807 min
Delta R.T.: 0.005 min
Response: 22371817
Conc: 347.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



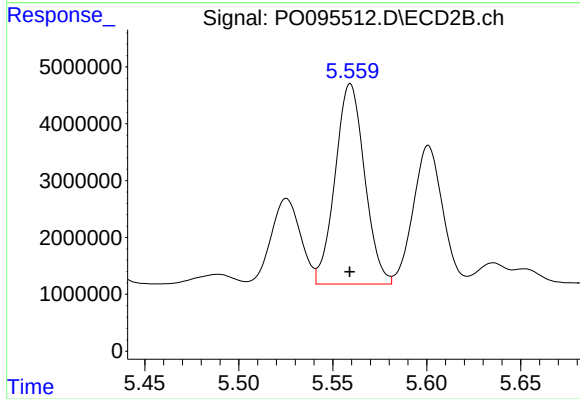
#19 AR-1242-4

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 25677584
Conc: 761.22 ng/ml



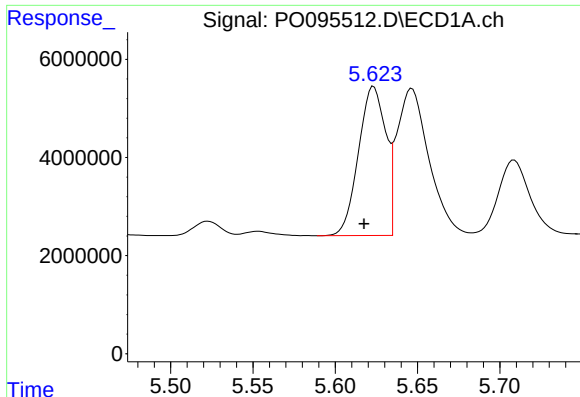
#20 AR-1242-5

R.T.: 6.553 min
Delta R.T.: 0.007 min
Response: 53769656
Conc: 778.86 ng/ml



#20 AR-1242-5

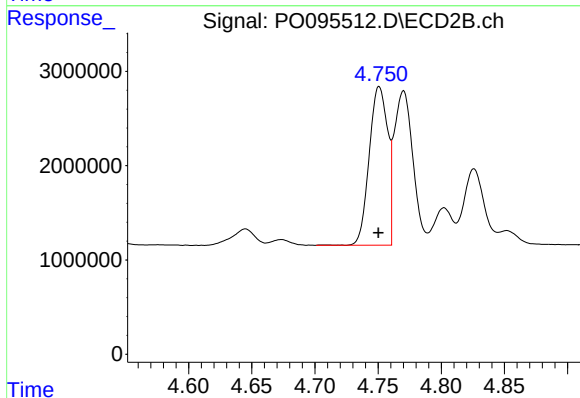
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 38432096
Conc: 896.35 ng/ml



#21 AR-1248-1

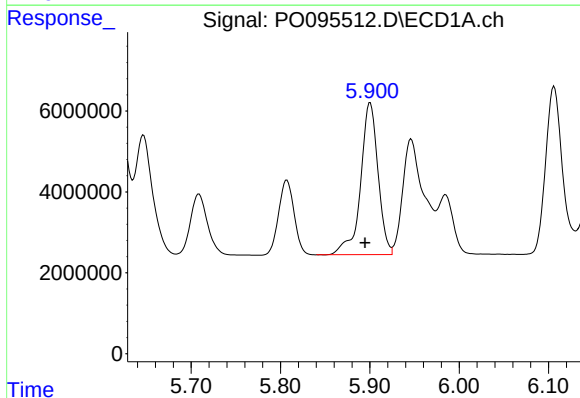
R.T.: 5.623 min
Delta R.T.: 0.006 min
Response: 34885791
Conc: 470.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



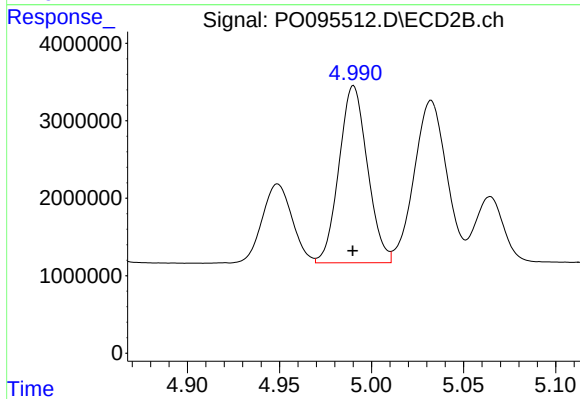
#21 AR-1248-1

R.T.: 4.751 min
Delta R.T.: 0.000 min
Response: 17105191
Conc: 485.98 ng/ml



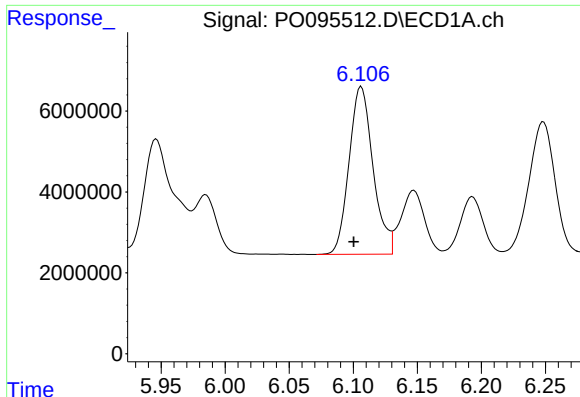
#22 AR-1248-2

R.T.: 5.900 min
Delta R.T.: 0.006 min
Response: 50972559
Conc: 476.47 ng/ml



#22 AR-1248-2

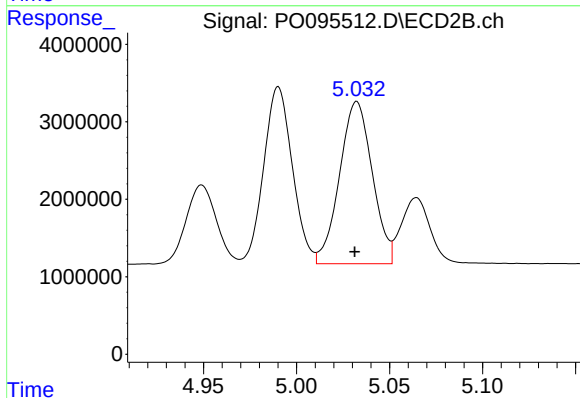
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 24564679
Conc: 491.96 ng/ml



#23 AR-1248-3

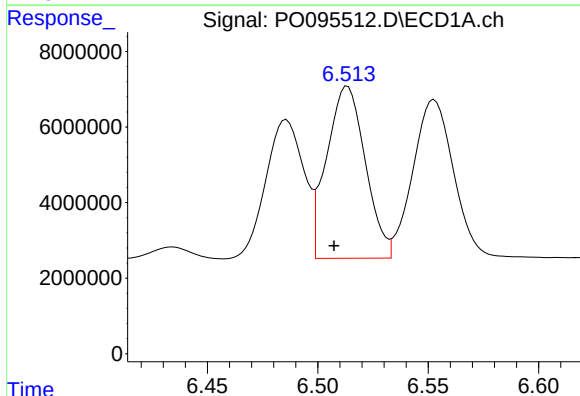
R.T.: 6.106 min
Delta R.T.: 0.006 min
Response: 54009451
Conc: 471.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



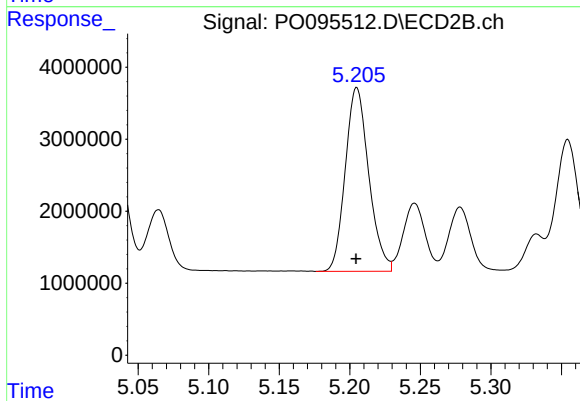
#23 AR-1248-3

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 25677584
Conc: 490.26 ng/ml



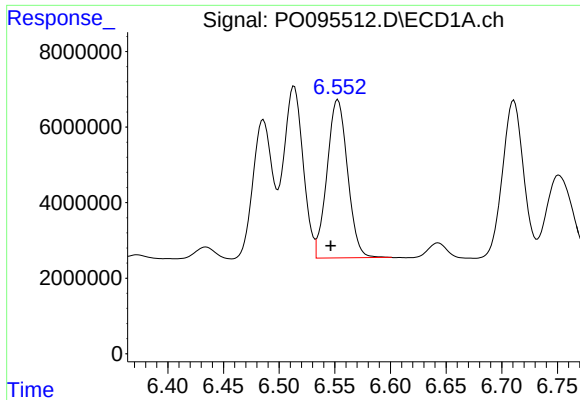
#24 AR-1248-4

R.T.: 6.513 min
Delta R.T.: 0.006 min
Response: 55432717
Conc: 446.88 ng/ml



#24 AR-1248-4

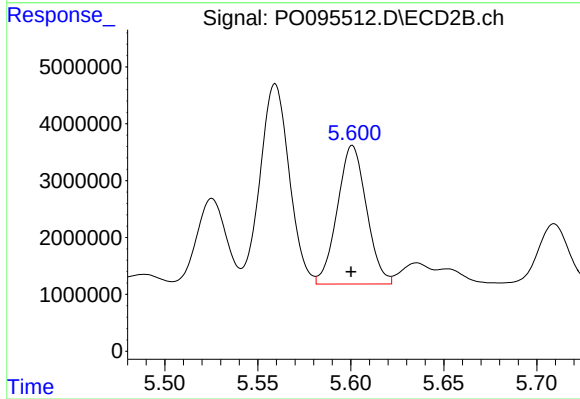
R.T.: 5.205 min
Delta R.T.: 0.000 min
Response: 29547971
Conc: 484.43 ng/ml



#25 AR-1248-5

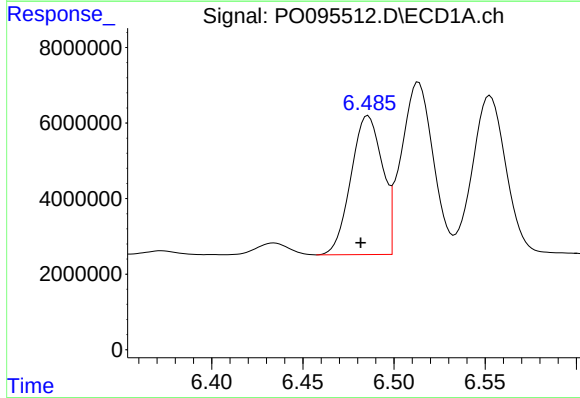
R.T.: 6.553 min
Delta R.T.: 0.006 min
Response: 53769656
Conc: 441.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



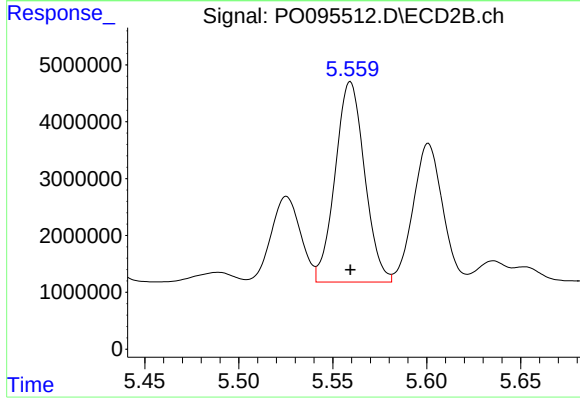
#25 AR-1248-5

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 26563766
Conc: 446.36 ng/ml



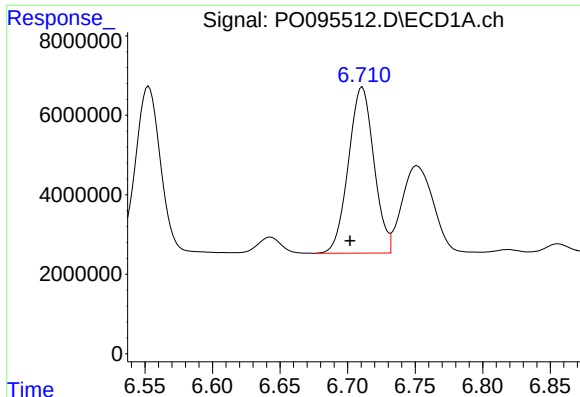
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: 0.004 min
Response: 44017485
Conc: 345.15 ng/ml



#26 AR-1254-1

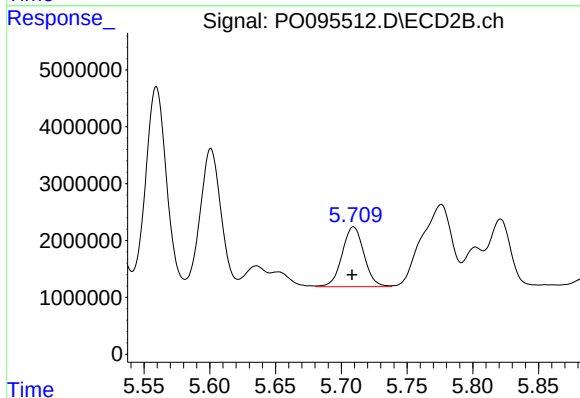
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 38432096
Conc: 436.71 ng/ml



#27 AR-1254-2

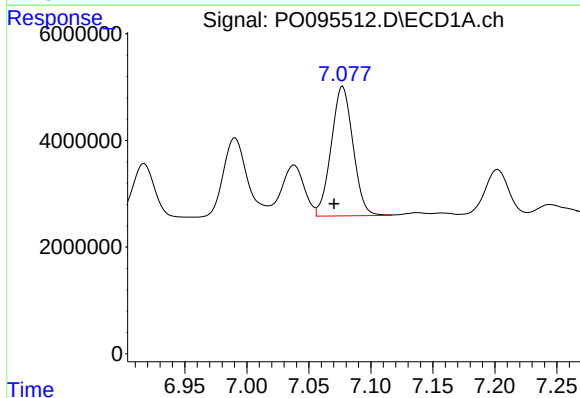
R.T.: 6.711 min
Delta R.T.: 0.009 min
Response: 54924045
Conc: 289.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



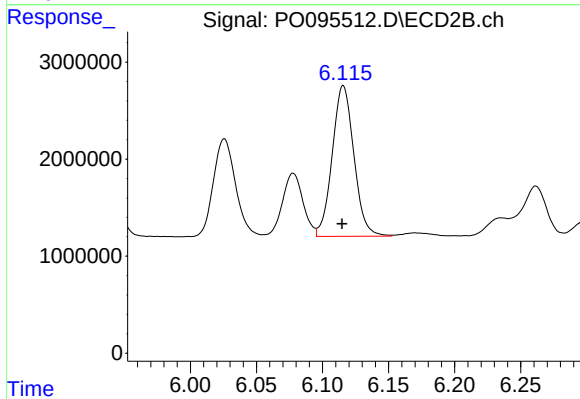
#27 AR-1254-2

R.T.: 5.709 min
Delta R.T.: 0.001 min
Response: 12185410
Conc: 152.87 ng/ml



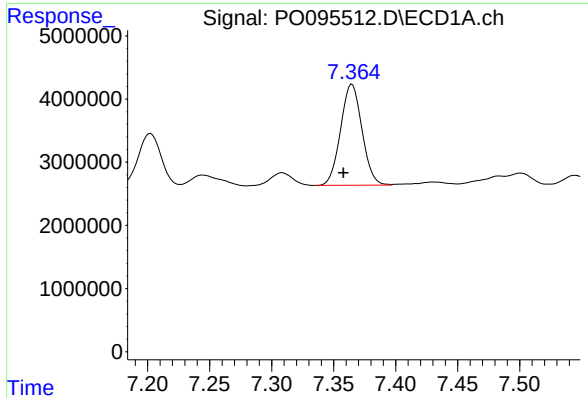
#28 AR-1254-3

R.T.: 7.077 min
Delta R.T.: 0.007 min
Response: 29762372
Conc: 156.87 ng/ml



#28 AR-1254-3

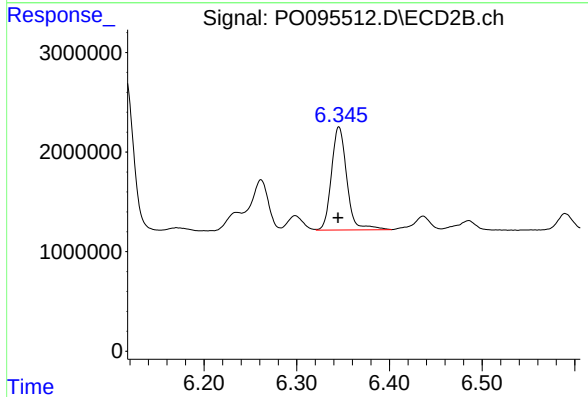
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 17709801
Conc: 144.89 ng/ml



#29 AR-1254-4

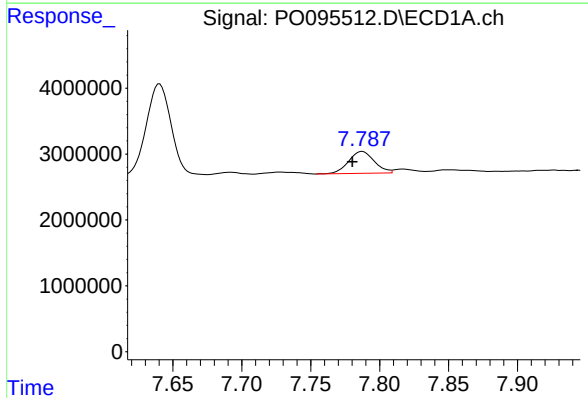
R.T.: 7.365 min
Delta R.T.: 0.007 min
Response: 19208514
Conc: 135.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



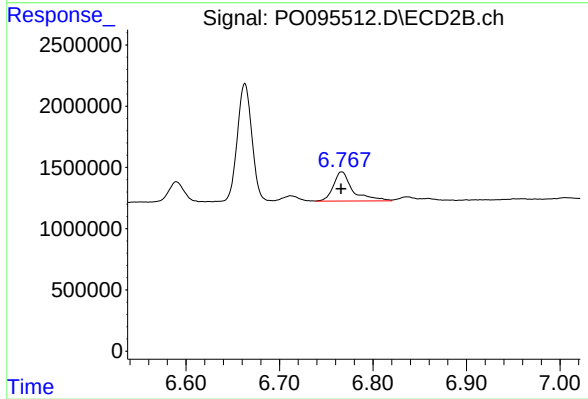
#29 AR-1254-4

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 11913639
Conc: 157.86 ng/ml



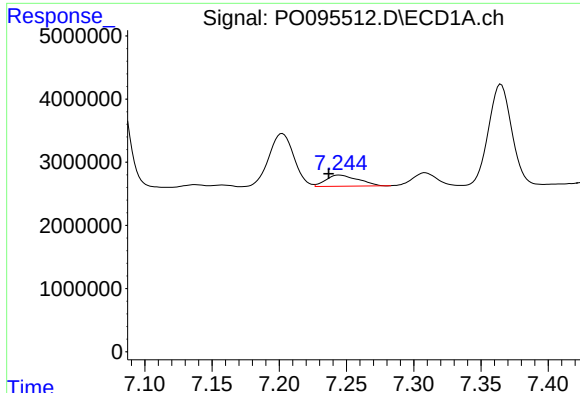
#30 AR-1254-5

R.T.: 7.787 min
Delta R.T.: 0.007 min
Response: 4324411
Conc: 27.28 ng/ml



#30 AR-1254-5

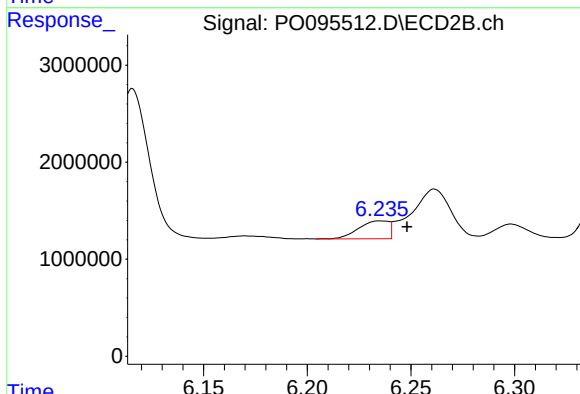
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 3439724
Conc: 30.74 ng/ml



#31 AR-1260-1

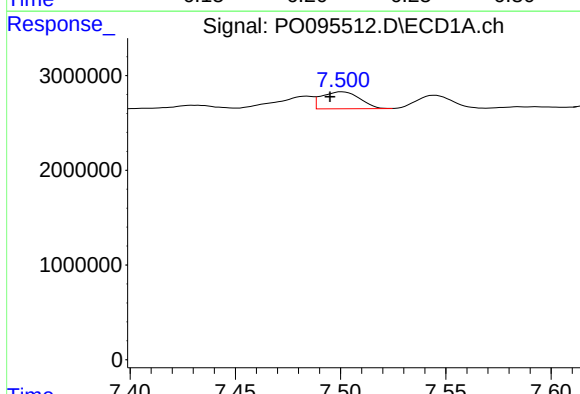
R.T.: 7.245 min
Delta R.T.: 0.008 min
Response: 2952070
Conc: 19.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



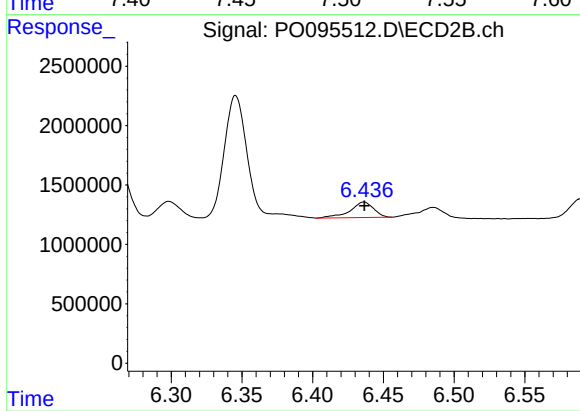
#31 AR-1260-1

R.T.: 6.235 min
Delta R.T.: -0.013 min
Response: 1862713
Conc: 21.83 ng/ml



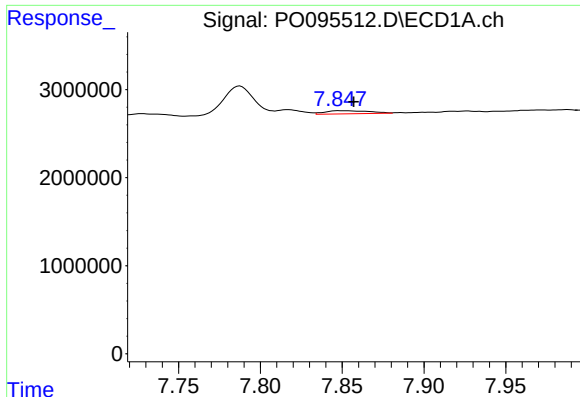
#32 AR-1260-2

R.T.: 7.501 min
Delta R.T.: 0.006 min
Response: 2261256
Conc: 12.88 ng/ml



#32 AR-1260-2

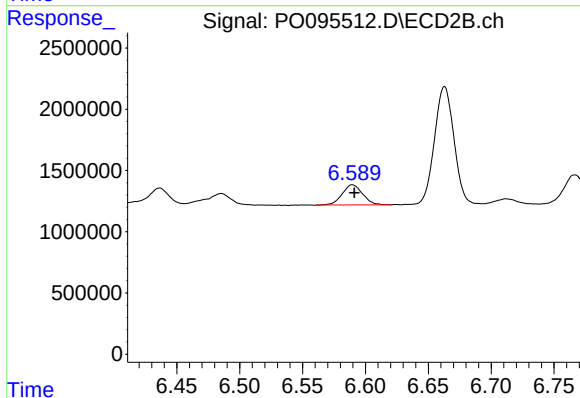
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 1505060
Conc: 14.73 ng/ml



#33 AR-1260-3

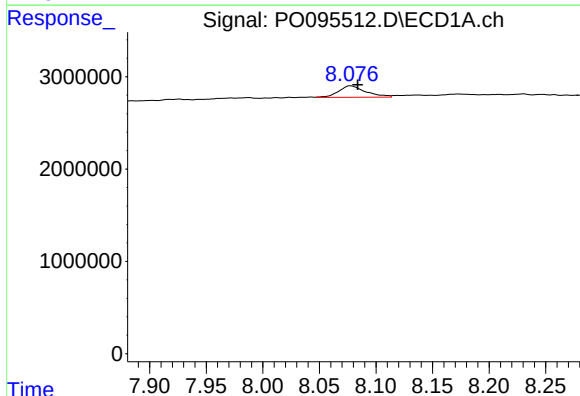
R.T.: 7.849 min
Delta R.T.: -0.008 min
Response: 648902
Conc: 5.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



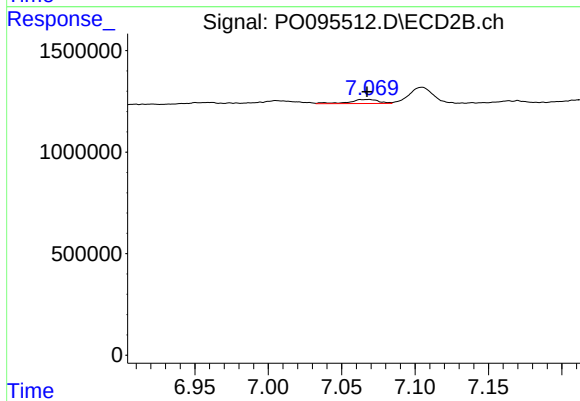
#33 AR-1260-3

R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 1860348
Conc: 19.87 ng/ml



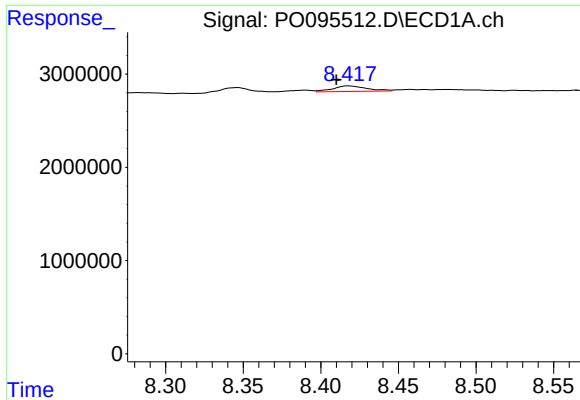
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.006 min
Response: 2092720
Conc: 15.36 ng/ml



#34 AR-1260-4

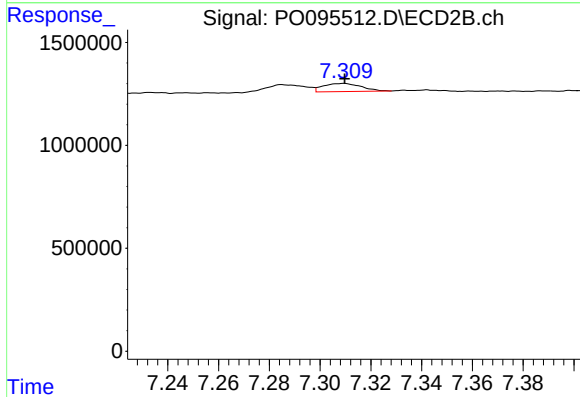
R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 283697
Conc: 4.17 ng/ml



#35 AR-1260-5

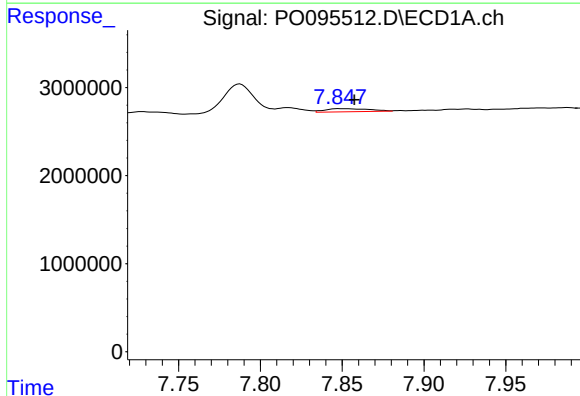
R.T.: 8.418 min
Delta R.T.: 0.008 min
Response: 936974
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



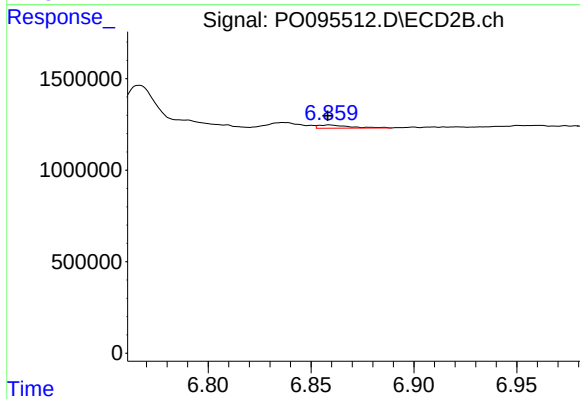
#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 409900
Conc: 2.60 ng/ml



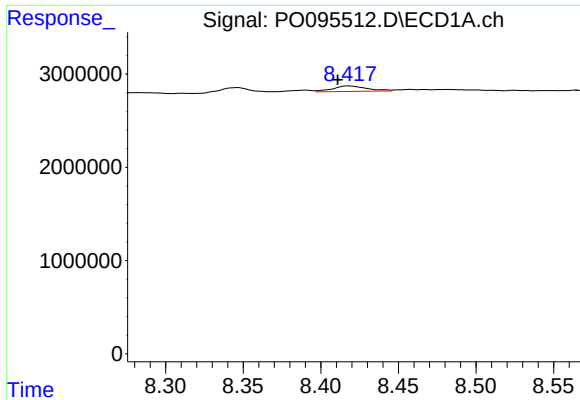
#36 AR-1262-1

R.T.: 7.849 min
Delta R.T.: -0.009 min
Response: 648902
Conc: 3.52 ng/ml



#36 AR-1262-1

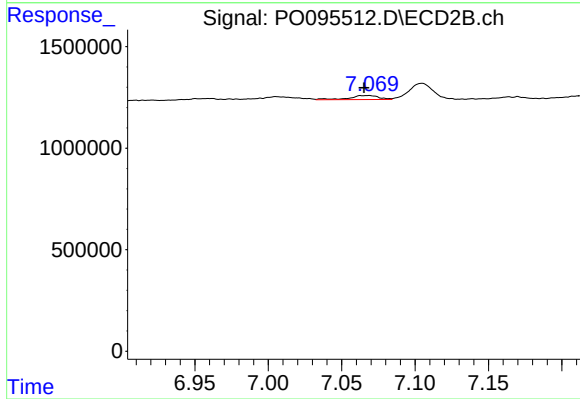
R.T.: 6.859 min
Delta R.T.: 0.001 min
Response: 188485
Conc: 4.07 ng/ml



#37 AR-1262-2

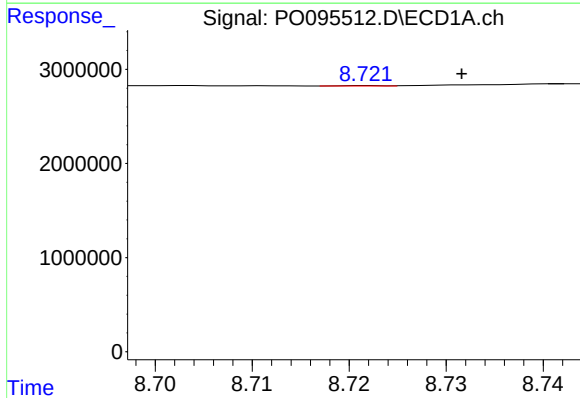
R.T.: 8.418 min
Delta R.T.: 0.007 min
Response: 936974
Conc: 2.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



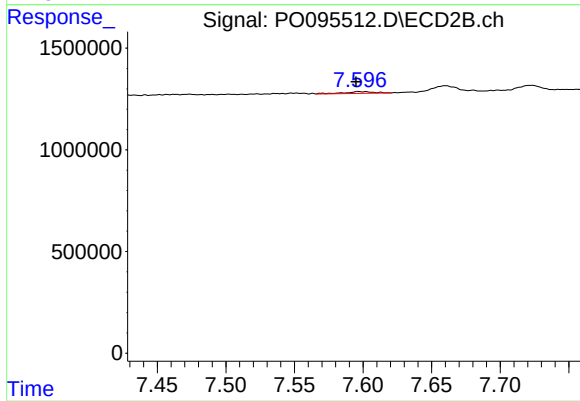
#37 AR-1262-2

R.T.: 7.068 min
Delta R.T.: 0.003 min
Response: 283697
Conc: 2.91 ng/ml



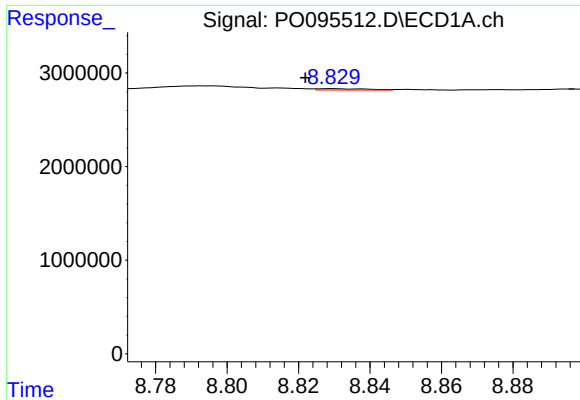
#38 AR-1262-3

R.T.: 8.722 min
Delta R.T.: -0.010 min
Response: 11154
Conc: 0.05 ng/ml



#38 AR-1262-3

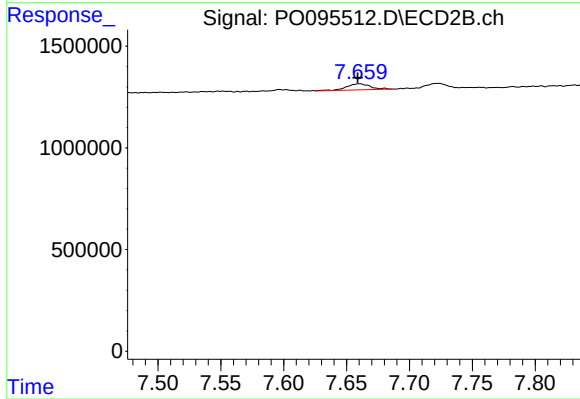
R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 122914
Conc: 1.60 ng/ml



#39 AR-1262-4

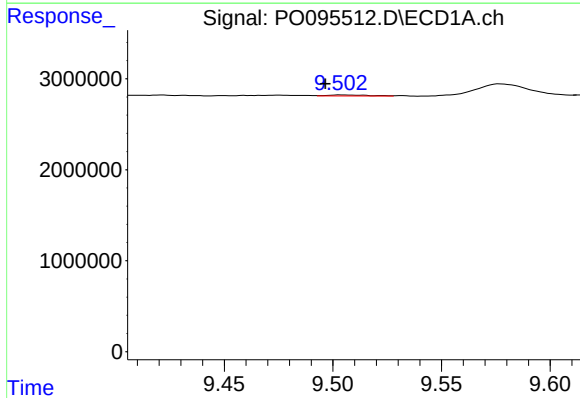
R.T.: 8.830 min
Delta R.T.: 0.008 min
Response: 142841
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



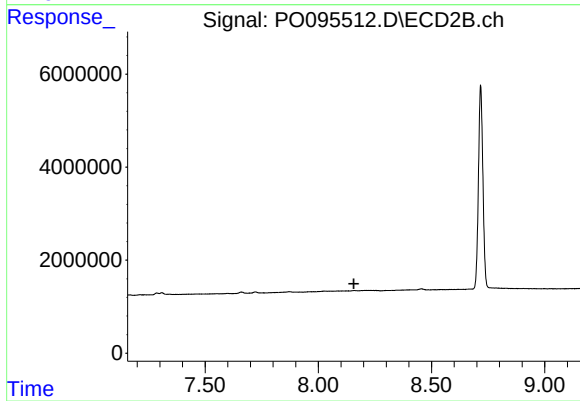
#39 AR-1262-4

R.T.: 7.660 min
Delta R.T.: 0.001 min
Response: 395844
Conc: 2.88 ng/ml



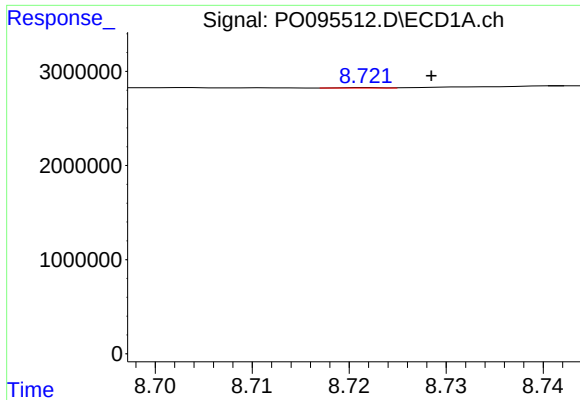
#40 AR-1262-5

R.T.: 9.504 min
Delta R.T.: 0.007 min
Response: 145934
Conc: 1.22 ng/ml



#40 AR-1262-5

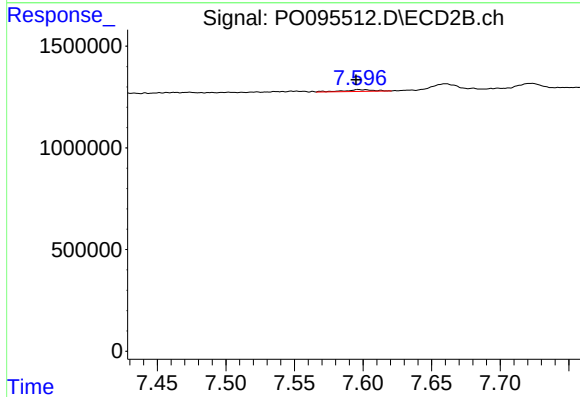
R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.



#41 AR-1268-1

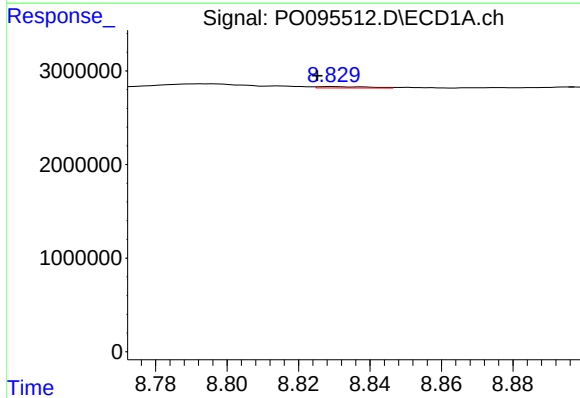
R.T.: 8.722 min
Delta R.T.: -0.006 min
Response: 11154
Conc: 0.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



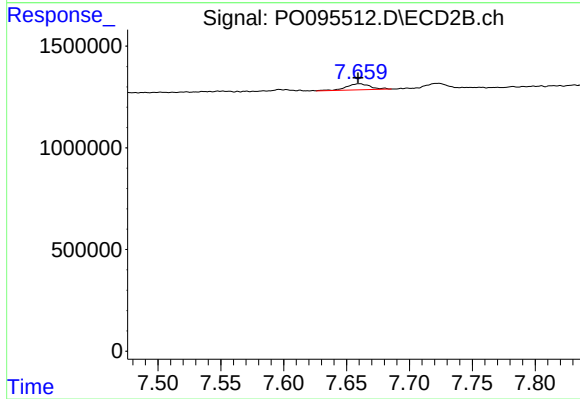
#41 AR-1268-1

R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 122914
Conc: 0.57 ng/ml



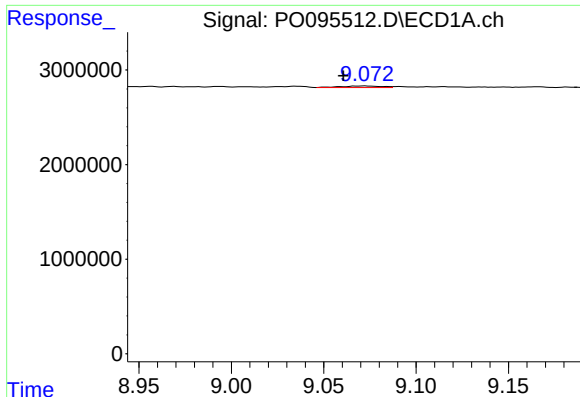
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: 0.005 min
Response: 142841
Conc: 0.42 ng/ml



#42 AR-1268-2

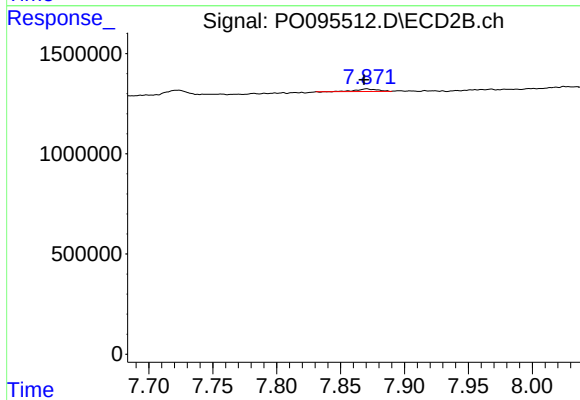
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 395844
Conc: 2.07 ng/ml



#43 AR-1268-3

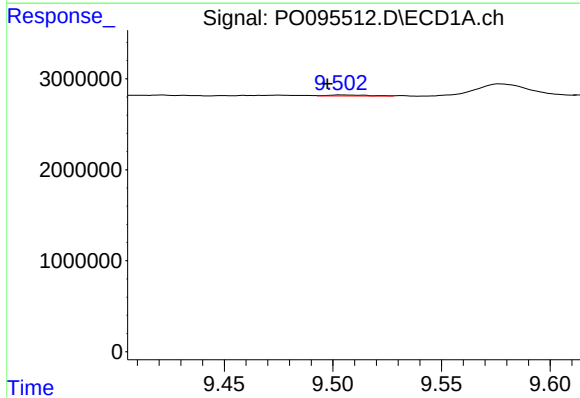
R.T.: 9.073 min
Delta R.T.: 0.012 min
Response: 250606
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



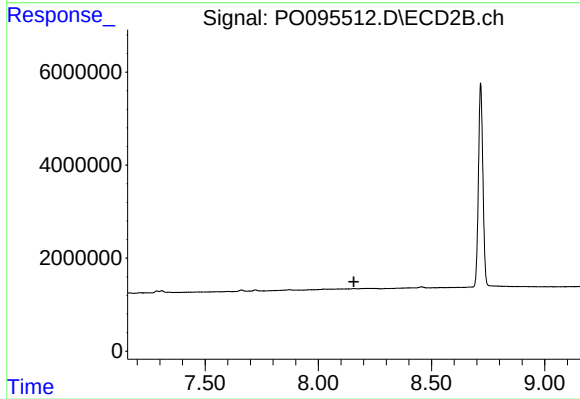
#43 AR-1268-3

R.T.: 7.871 min
Delta R.T.: 0.002 min
Response: 143504
Conc: 0.89 ng/ml



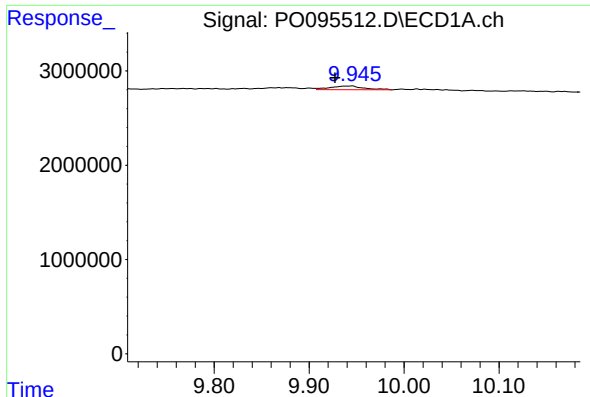
#44 AR-1268-4

R.T.: 9.504 min
Delta R.T.: 0.006 min
Response: 145934
Conc: 1.15 ng/ml



#44 AR-1268-4

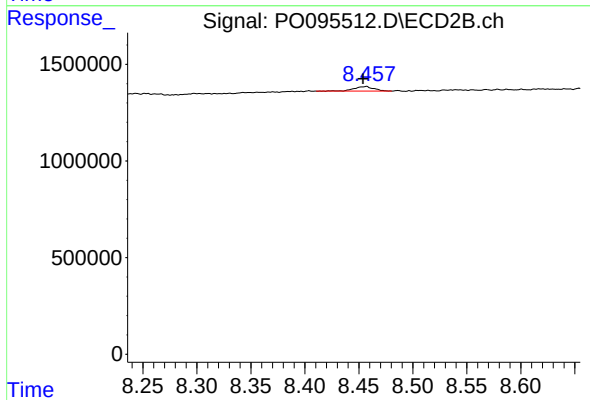
R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.945 min
Delta R.T.: 0.018 min
Response: 995218
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.457 min
Delta R.T.: 0.003 min
Response: 303412
Conc: 0.63 ng/ml