

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091423\
 Data File : P0098053.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2023 04:34
 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: Sep 15 07:29:26 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...	4.436	3.617	173.2E6	52081176	43.486	54.382 #
2)	SA Decachlor...	10.275	8.645	85817730	46225338	45.930	54.104
Target Compounds							
3)	L1 AR-1016-1	5.611	4.705	1394415	603618	12.914	18.767 #
4)	L1 AR-1016-2	5.638	4.724	1776908	512532	10.980	11.283
5)	L1 AR-1016-3	5.698	4.903	701245	319709	7.042	13.131 #
6)	L1 AR-1016-4	5.795	4.943	677353	12567937	8.590	598.217 #
7)	L1 AR-1016-5	6.094	5.157	17716549	8661094	215.807	311.635 #
8)	L2 AR-1221-1	4.656	3.849	17917	79880	0.376	6.615 #
9)	L2 AR-1221-2	4.744	3.918	2707470	699214	76.199	81.970
10)	L2 AR-1221-3	4.808	3.994	686677	112724	6.628	4.207 #
11)	L3 AR-1232-1	4.808	3.994	686677	112724	7.997	5.110 #
12)	L3 AR-1232-2	5.342	4.724	784603	512532	17.956	24.982 #
13)	L3 AR-1232-3	5.638	4.903	1776908	319709	24.517	29.404
14)	L3 AR-1232-4	5.795	4.983	677353	4323276	19.642	398.196 #
15)	L3 AR-1232-5	5.888	5.157	32802717	8661094	1050.054	714.409 #
16)	L4 AR-1242-1	5.611	4.705	1394415	603618	14.971	21.509 #
17)	L4 AR-1242-2	5.638	4.724	1776908	512532	12.665	12.914
18)	L4 AR-1242-3	5.698	4.903	701245	319709	8.103	15.129 #
19)	L4 AR-1242-4	5.795	4.983	677353	4323276	9.987	188.636 #
20)	L4 AR-1242-5	6.544	5.511	16001761	29903930	227.403	1147.888 #
21)	L5 AR-1248-1	5.611	4.705	1394415	603618	20.550	29.384 #
22)	L5 AR-1248-2	5.888	4.943	32802717	12567937	303.327	412.501 #
23)	L5 AR-1248-3	6.094	4.983	17716549	4323276	157.849	135.751
24)	L5 AR-1248-4	6.501	5.157	22848137	8661094	221.013	231.441
25)	L5 AR-1248-5	6.544	5.551	16001761	4141575	143.549	124.289
26)	L6 AR-1254-1	6.475	5.511	50420285	29903930	411.266	550.079 #
27)	L6 AR-1254-2	6.695	5.659	77126379	26155864	429.951	543.165 #
28)	L6 AR-1254-3	7.065	6.064	73997975	38968835	417.860	527.451 #
29)	L6 AR-1254-4	7.353	6.293	52384303	22925587	486.670	578.460
30)	L6 AR-1254-5	7.777	6.713	56216433	33195837	467.561	538.978
31)	L7 AR-1260-1	7.231	6.195	30244383	19462901	214.014	365.812 #
32)	L7 AR-1260-2	7.490	6.383	34085824	16182251	225.501	258.423
33)	L7 AR-1260-3	7.837	6.536	8990855	12116176	79.369	210.115 #
34)	L7 AR-1260-4	8.068	7.011	24067800	1601385	202.463	34.137 #
35)	L7 AR-1260-5	8.408	7.253	7588655	3748164	37.069	37.812
36)	L8 AR-1262-1	7.837	6.804	8990855	1185078	59.135	43.735 #
37)	L8 AR-1262-2	8.408	7.011	7588655	1601385	34.768	27.479
38)	L8 AR-1262-3	8.743	7.560	5439340	17289	35.157	0.396 #
39)	L8 AR-1262-4	8.847	7.600	66774	3440960	0.795	45.224 #
40)	L8 AR-1262-5	9.521	8.097	29112	118152	0.404	3.766 #
41)	L9 AR-1268-1	8.743	7.541	5439340	203762	19.166	1.548 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091423\
 Data File : P0098053.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2023 04:34
 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: Sep 15 07:29:26 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

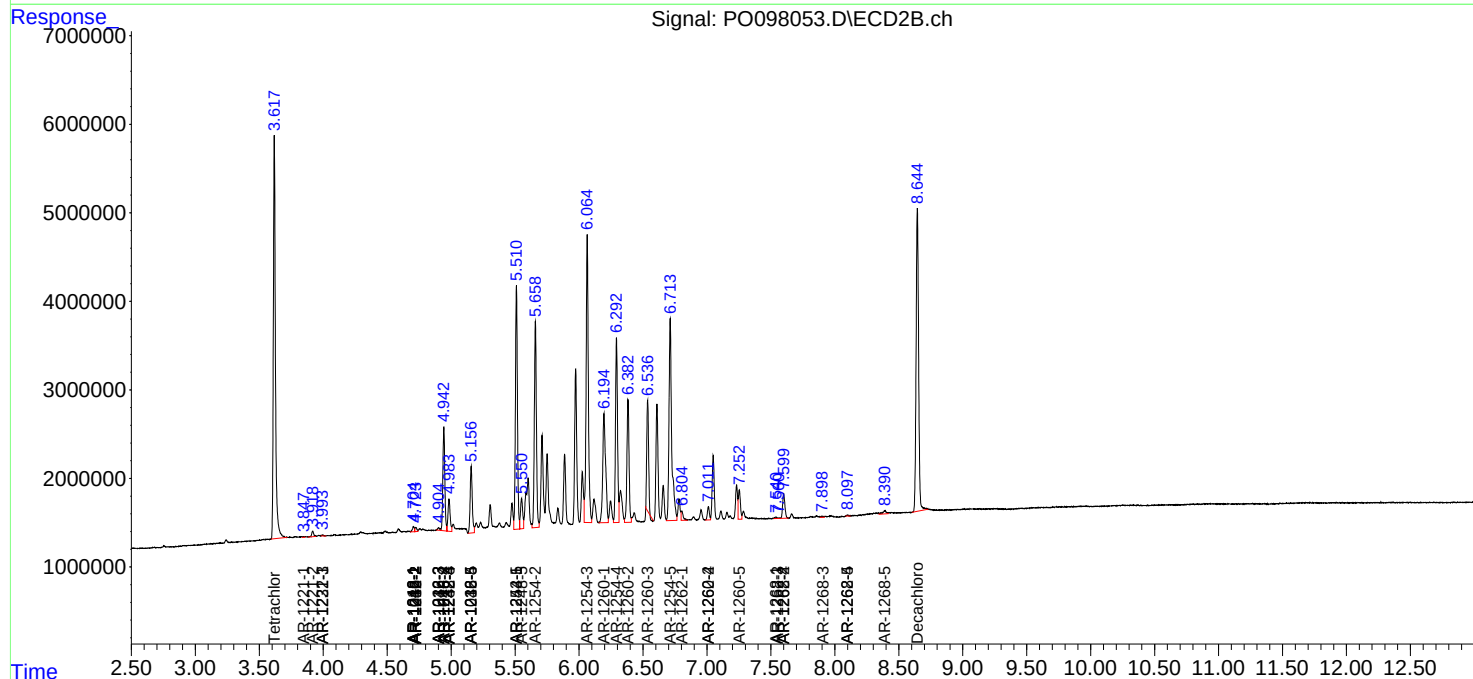
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

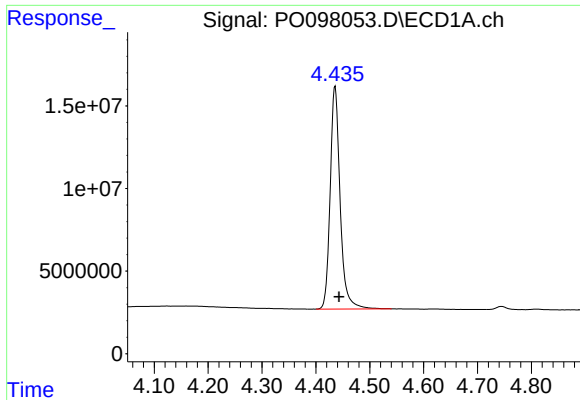
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.847	7.600	66774	3440960	0.261	29.856 #
43) L9	AR-1268-3	9.063	7.909	411021	172099	1.839	6.225 #
44) L9	AR-1268-4	9.521	8.097	29112	118152	0.356	3.354 #
45) L9	AR-1268-5	9.925	8.391	674855	793251	1.017	2.530 #

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

Instrument :
ECD_O
ClientSampleId :

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

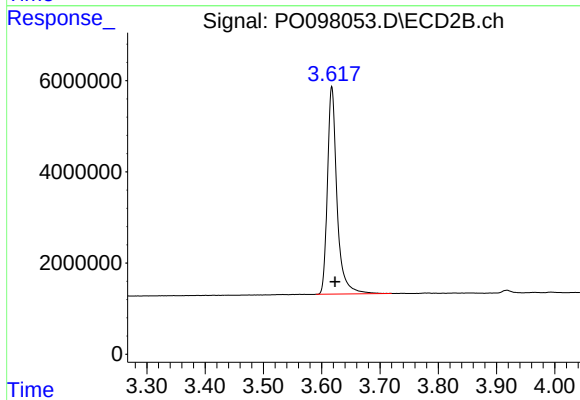




#1 Tetrachloro-m-xylene

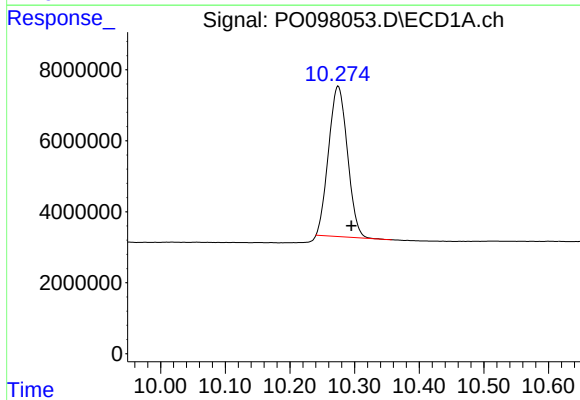
R.T.: 4.436 min
Delta R.T.: -0.007 min
Response: 173249958
Conc: 43.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



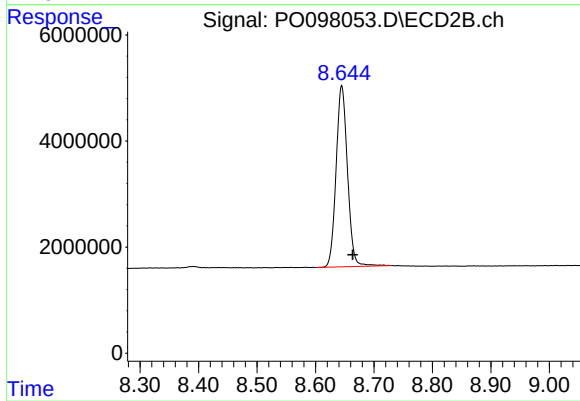
#1 Tetrachloro-m-xylene

R.T.: 3.617 min
Delta R.T.: -0.006 min
Response: 52081176
Conc: 54.38 ng/ml



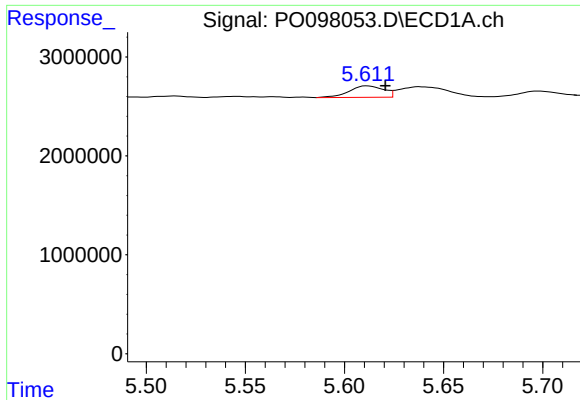
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: -0.020 min
Response: 85817730
Conc: 45.93 ng/ml



#2 Decachlorobiphenyl

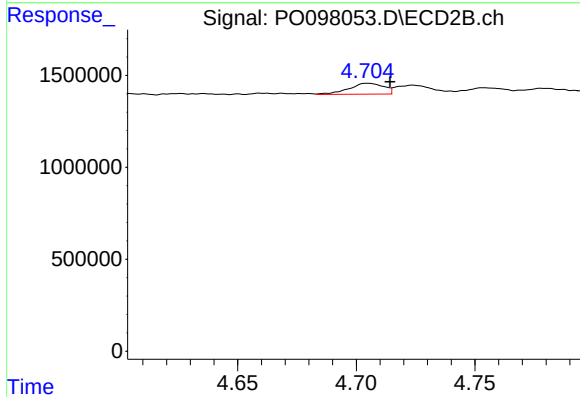
R.T.: 8.645 min
Delta R.T.: -0.019 min
Response: 46225338
Conc: 54.10 ng/ml



#3 AR-1016-1

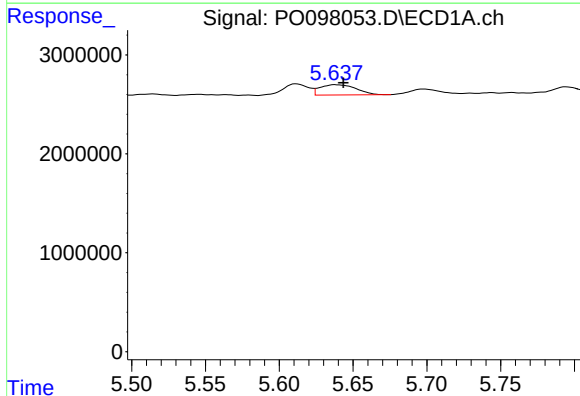
R.T.: 5.611 min
Delta R.T.: -0.009 min
Response: 1394415
Conc: 12.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



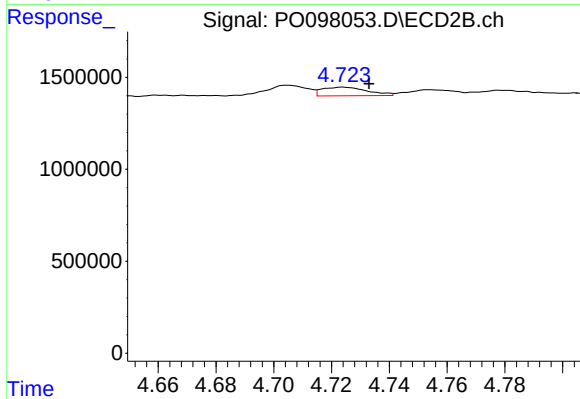
#3 AR-1016-1

R.T.: 4.705 min
Delta R.T.: -0.009 min
Response: 603618
Conc: 18.77 ng/ml



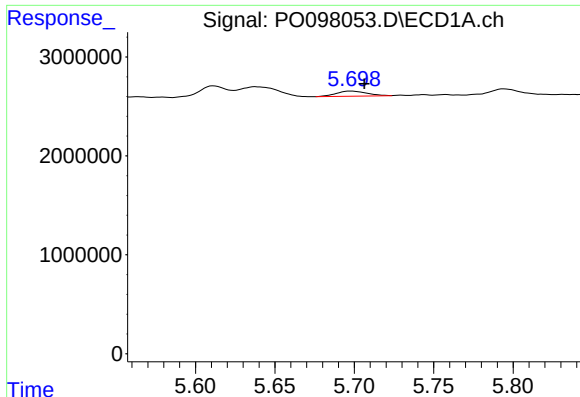
#4 AR-1016-2

R.T.: 5.638 min
Delta R.T.: -0.005 min
Response: 1776908
Conc: 10.98 ng/ml



#4 AR-1016-2

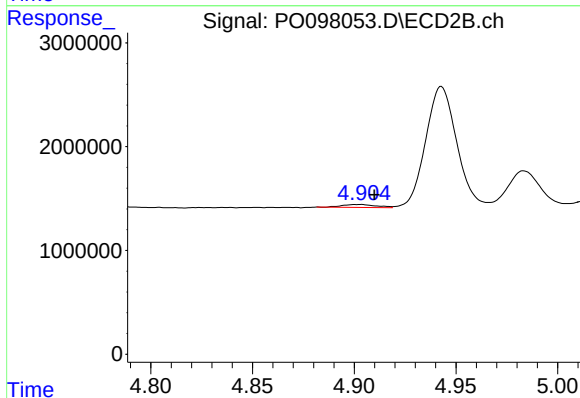
R.T.: 4.724 min
Delta R.T.: -0.009 min
Response: 512532
Conc: 11.28 ng/ml



#5 AR-1016-3

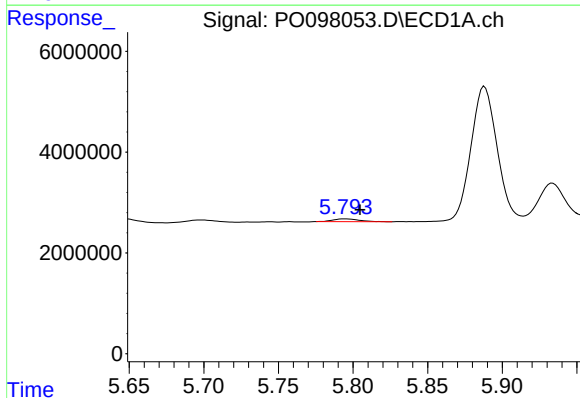
R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 701245
Conc: 7.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



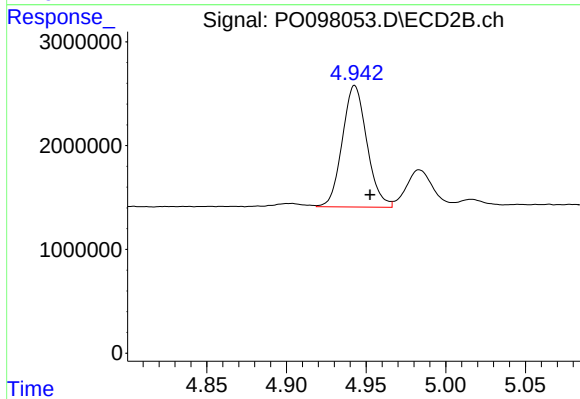
#5 AR-1016-3

R.T.: 4.903 min
Delta R.T.: -0.007 min
Response: 319709
Conc: 13.13 ng/ml



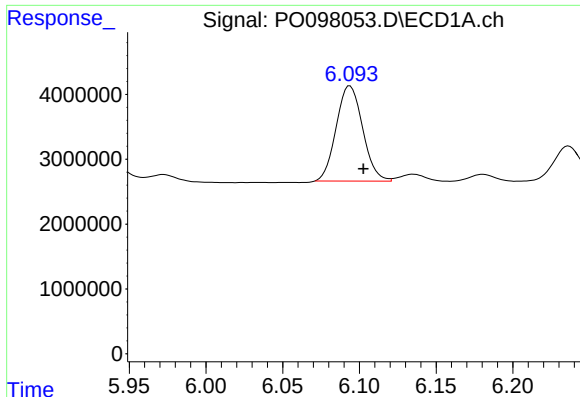
#6 AR-1016-4

R.T.: 5.795 min
Delta R.T.: -0.010 min
Response: 677353
Conc: 8.59 ng/ml



#6 AR-1016-4

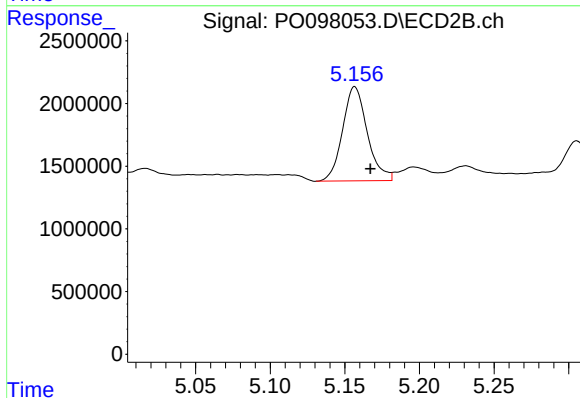
R.T.: 4.943 min
Delta R.T.: -0.010 min
Response: 12567937
Conc: 598.22 ng/ml



#7 AR-1016-5

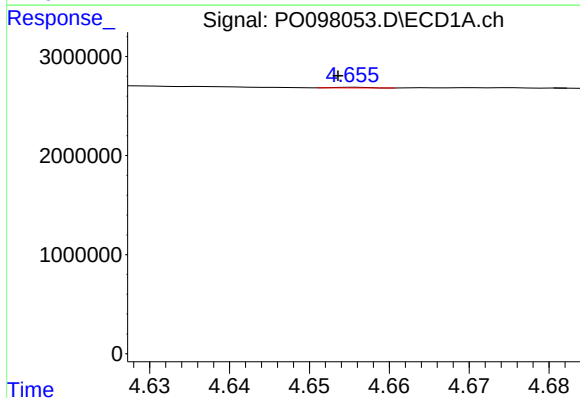
R.T.: 6.094 min
Delta R.T.: -0.009 min
Response: 17716549
Conc: 215.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



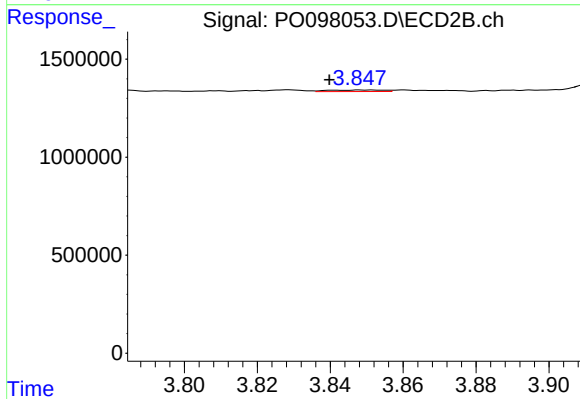
#7 AR-1016-5

R.T.: 5.157 min
Delta R.T.: -0.010 min
Response: 8661094
Conc: 311.64 ng/ml



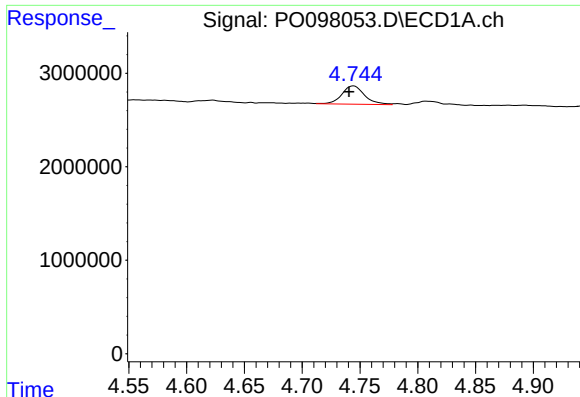
#8 AR-1221-1

R.T.: 4.656 min
Delta R.T.: 0.002 min
Response: 17917
Conc: 0.38 ng/ml



#8 AR-1221-1

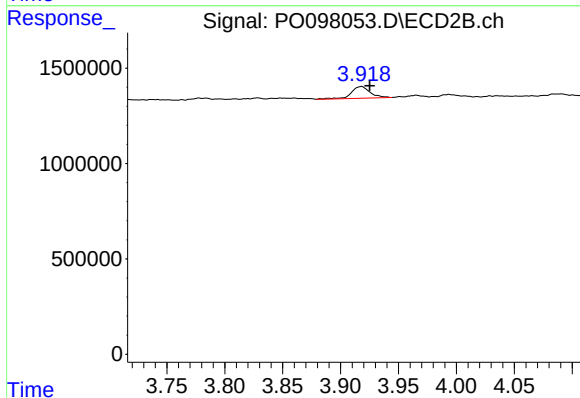
R.T.: 3.849 min
Delta R.T.: 0.009 min
Response: 79880
Conc: 6.62 ng/ml



#9 AR-1221-2

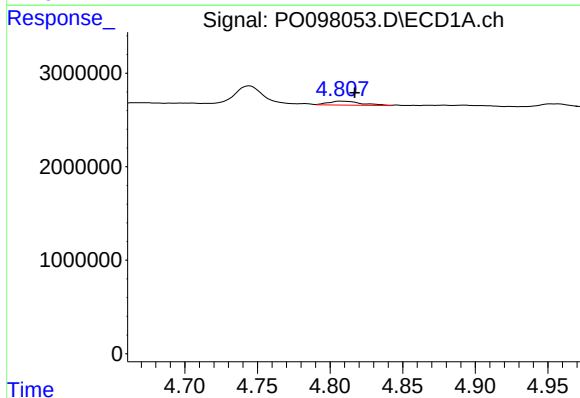
R.T.: 4.744 min
Delta R.T.: 0.004 min
Response: 2707470
Conc: 76.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



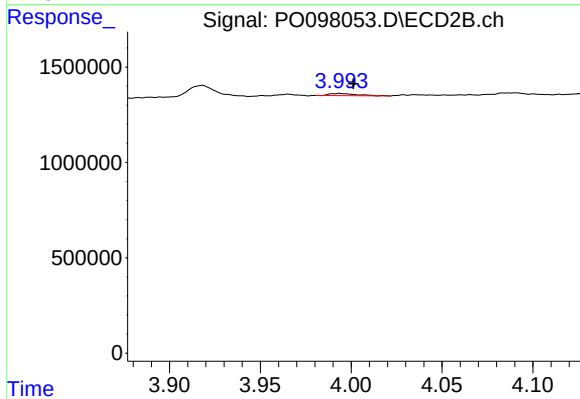
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: -0.007 min
Response: 699214
Conc: 81.97 ng/ml



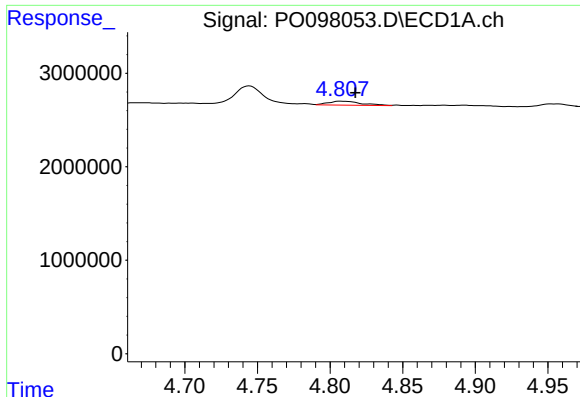
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: -0.010 min
Response: 686677
Conc: 6.63 ng/ml



#10 AR-1221-3

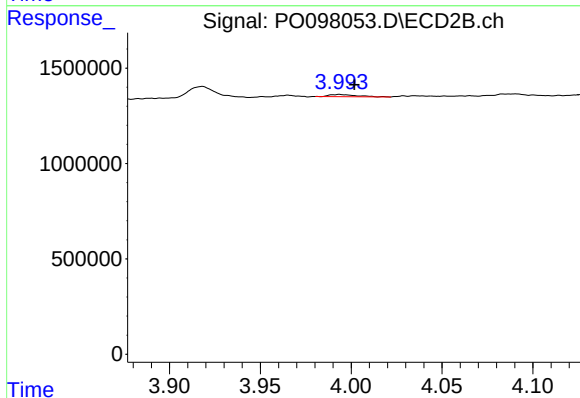
R.T.: 3.994 min
Delta R.T.: -0.008 min
Response: 112724
Conc: 4.21 ng/ml



#11 AR-1232-1

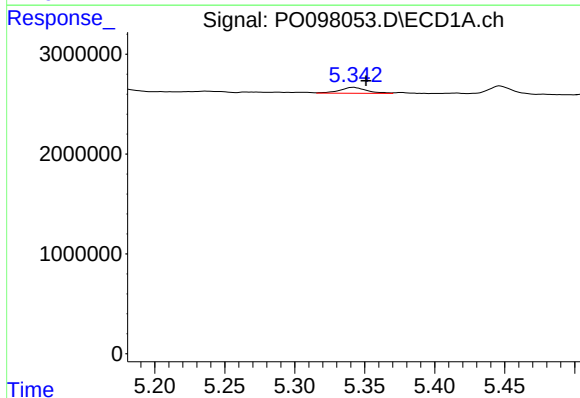
R.T.: 4.808 min
Delta R.T.: -0.010 min
Response: 686677
Conc: 8.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



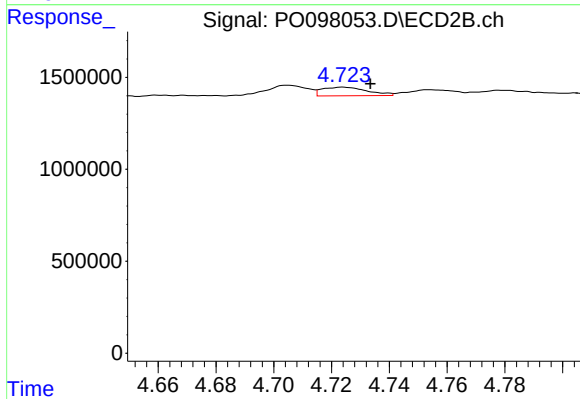
#11 AR-1232-1

R.T.: 3.994 min
Delta R.T.: -0.008 min
Response: 112724
Conc: 5.11 ng/ml



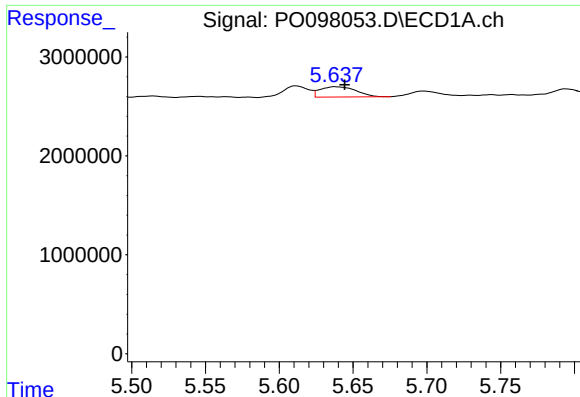
#12 AR-1232-2

R.T.: 5.342 min
Delta R.T.: -0.009 min
Response: 784603
Conc: 17.96 ng/ml



#12 AR-1232-2

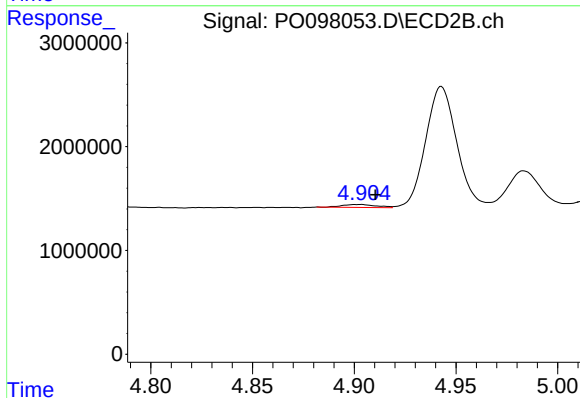
R.T.: 4.724 min
Delta R.T.: -0.009 min
Response: 512532
Conc: 24.98 ng/ml



#13 AR-1232-3

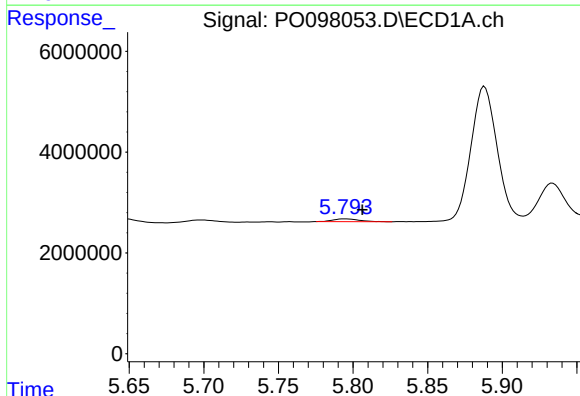
R.T.: 5.638 min
Delta R.T.: -0.006 min
Response: 1776908
Conc: 24.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



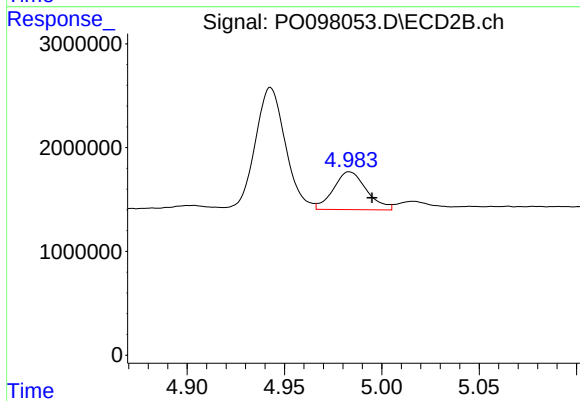
#13 AR-1232-3

R.T.: 4.903 min
Delta R.T.: -0.008 min
Response: 319709
Conc: 29.40 ng/ml



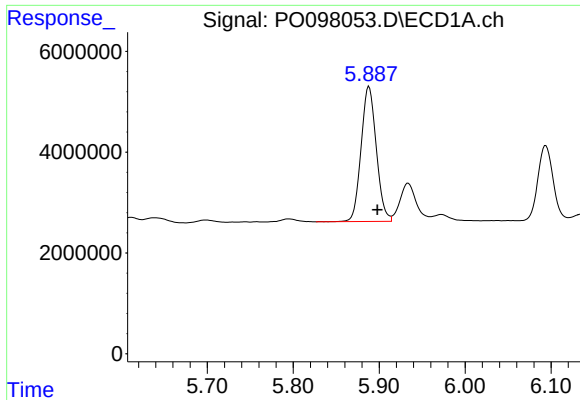
#14 AR-1232-4

R.T.: 5.795 min
Delta R.T.: -0.012 min
Response: 677353
Conc: 19.64 ng/ml



#14 AR-1232-4

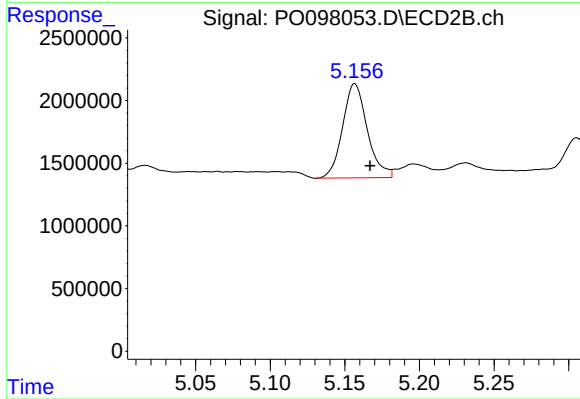
R.T.: 4.983 min
Delta R.T.: -0.011 min
Response: 4323276
Conc: 398.20 ng/ml



#15 AR-1232-5

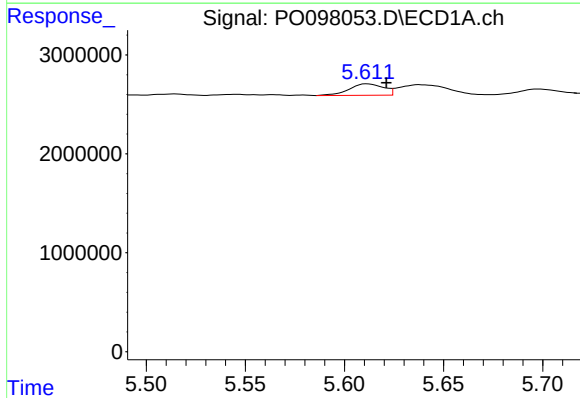
R.T.: 5.888 min
Delta R.T.: -0.010 min
Response: 32802717
Conc: 1050.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



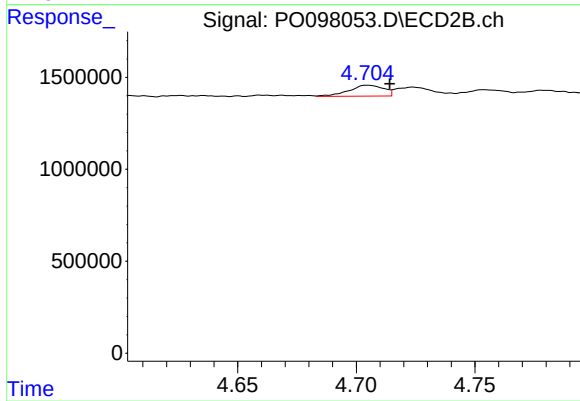
#15 AR-1232-5

R.T.: 5.157 min
Delta R.T.: -0.010 min
Response: 8661094
Conc: 714.41 ng/ml



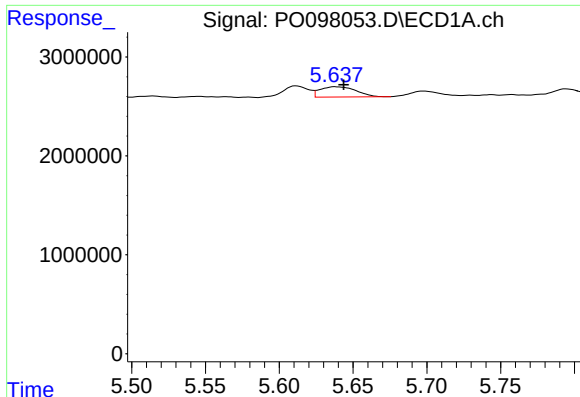
#16 AR-1242-1

R.T.: 5.611 min
Delta R.T.: -0.010 min
Response: 1394415
Conc: 14.97 ng/ml



#16 AR-1242-1

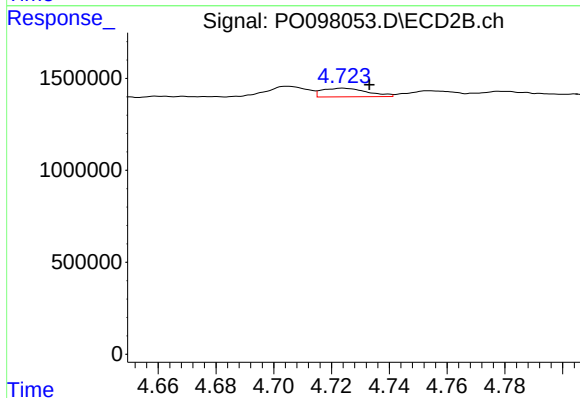
R.T.: 4.705 min
Delta R.T.: -0.009 min
Response: 603618
Conc: 21.51 ng/ml



#17 AR-1242-2

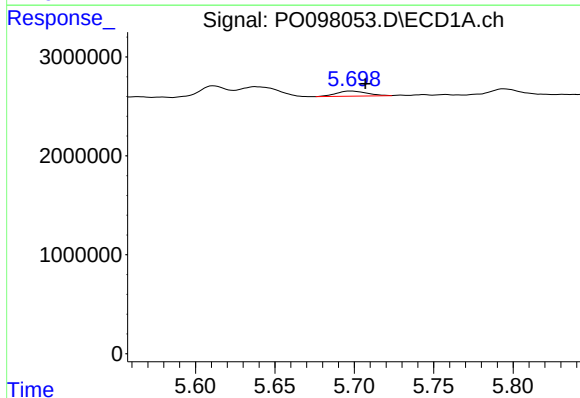
R.T.: 5.638 min
Delta R.T.: -0.006 min
Response: 1776908
Conc: 12.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



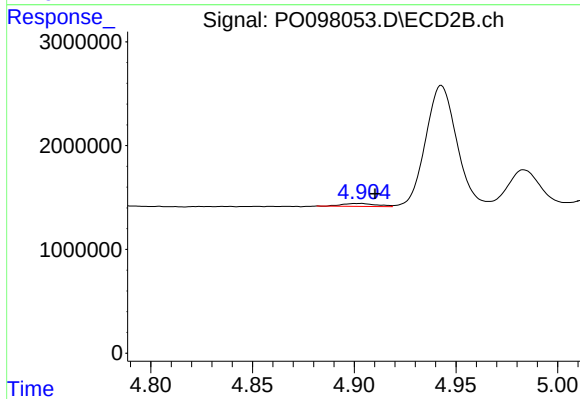
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.009 min
Response: 512532
Conc: 12.91 ng/ml



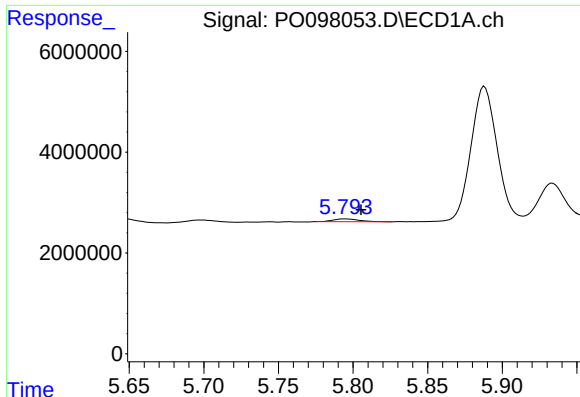
#18 AR-1242-3

R.T.: 5.698 min
Delta R.T.: -0.009 min
Response: 701245
Conc: 8.10 ng/ml



#18 AR-1242-3

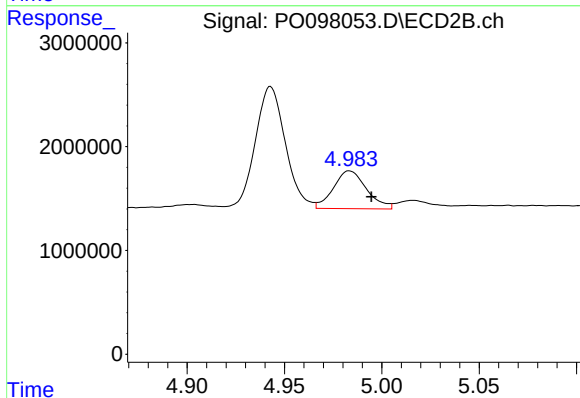
R.T.: 4.903 min
Delta R.T.: -0.008 min
Response: 319709
Conc: 15.13 ng/ml



#19 AR-1242-4

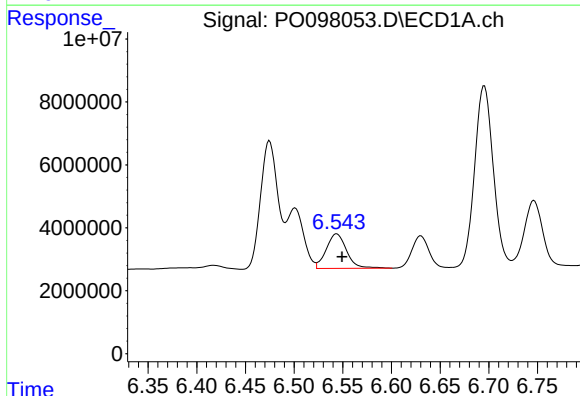
R.T.: 5.795 min
Delta R.T.: -0.011 min
Response: 677353
Conc: 9.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



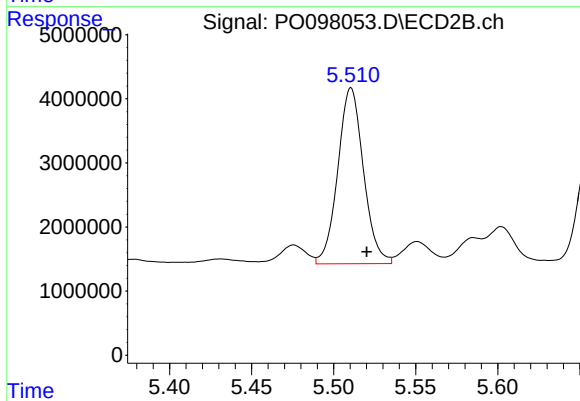
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: -0.011 min
Response: 4323276
Conc: 188.64 ng/ml



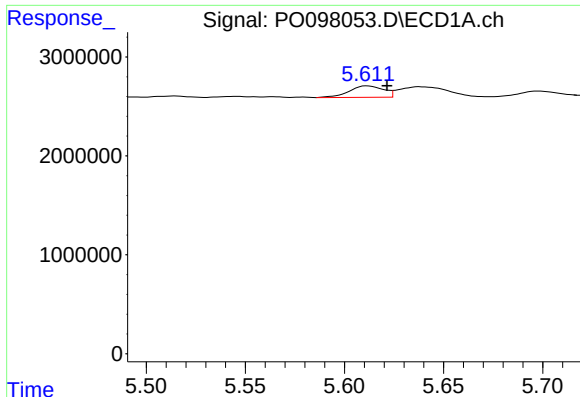
#20 AR-1242-5

R.T.: 6.544 min
Delta R.T.: -0.005 min
Response: 16001761
Conc: 227.40 ng/ml



#20 AR-1242-5

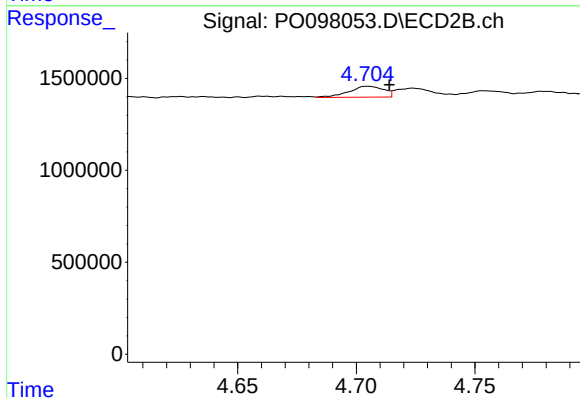
R.T.: 5.511 min
Delta R.T.: -0.010 min
Response: 29903930
Conc: 1147.89 ng/ml



#21 AR-1248-1

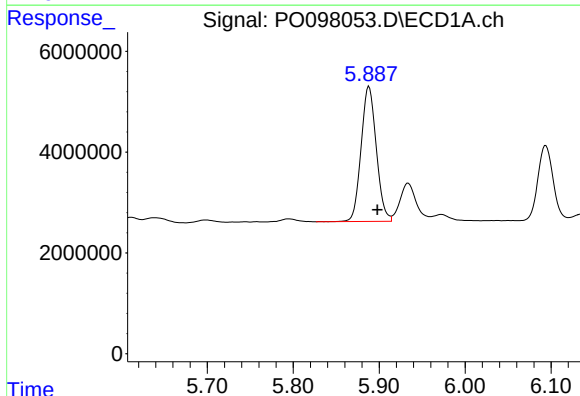
R.T.: 5.611 min
Delta R.T.: -0.010 min
Response: 1394415
Conc: 20.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



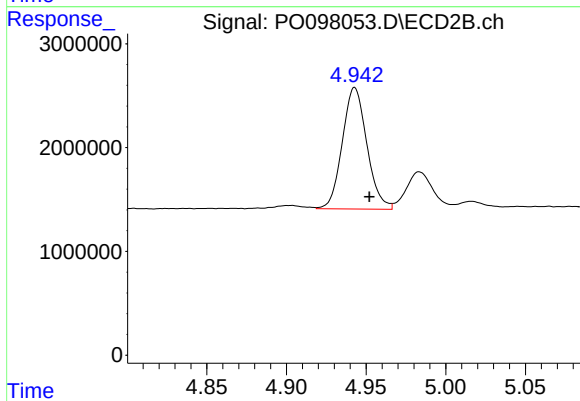
#21 AR-1248-1

R.T.: 4.705 min
Delta R.T.: -0.009 min
Response: 603618
Conc: 29.38 ng/ml



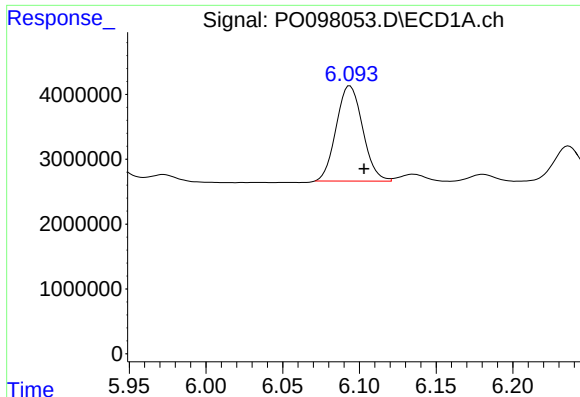
#22 AR-1248-2

R.T.: 5.888 min
Delta R.T.: -0.010 min
Response: 32802717
Conc: 303.33 ng/ml



#22 AR-1248-2

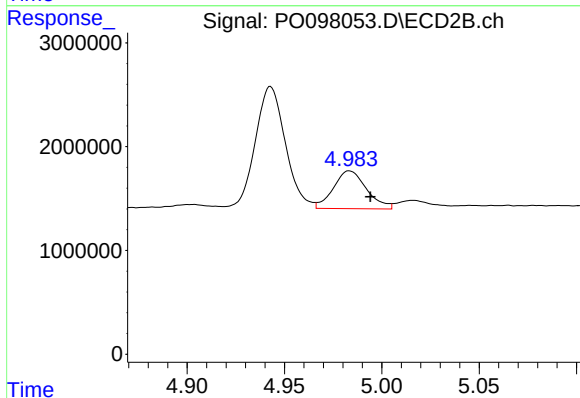
R.T.: 4.943 min
Delta R.T.: -0.009 min
Response: 12567937
Conc: 412.50 ng/ml



#23 AR-1248-3

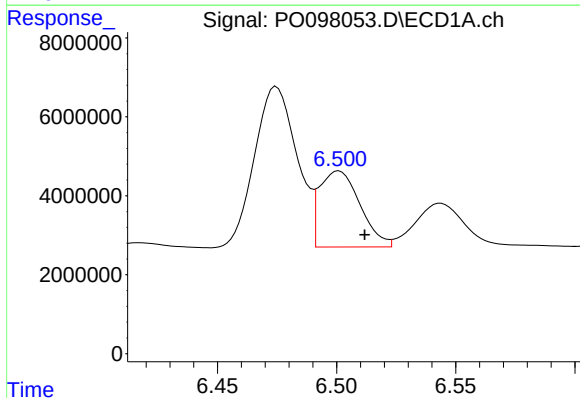
R.T.: 6.094 min
Delta R.T.: -0.009 min
Response: 17716549
Conc: 157.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



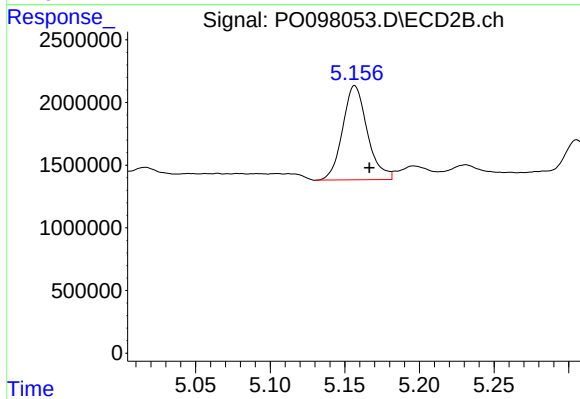
#23 AR-1248-3

R.T.: 4.983 min
Delta R.T.: -0.011 min
Response: 4323276
Conc: 135.75 ng/ml



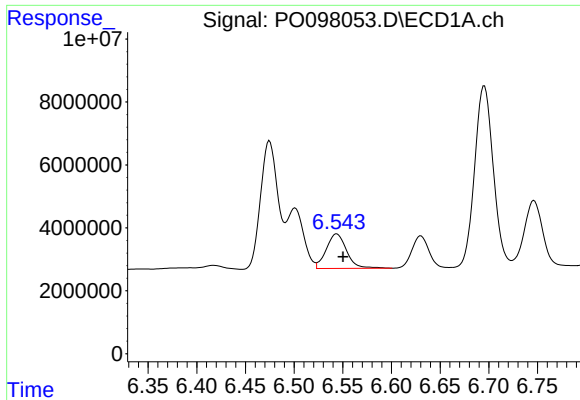
#24 AR-1248-4

R.T.: 6.501 min
Delta R.T.: -0.011 min
Response: 22848137
Conc: 221.01 ng/ml



#24 AR-1248-4

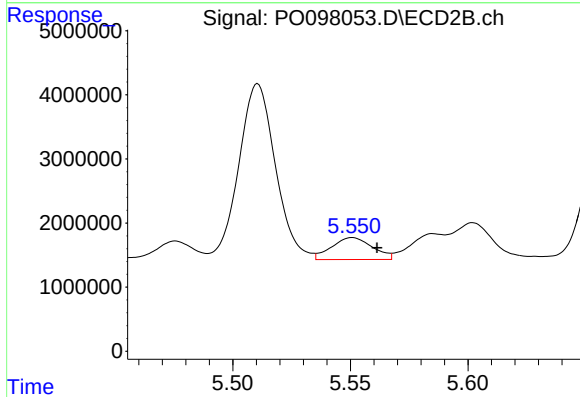
R.T.: 5.157 min
Delta R.T.: -0.010 min
Response: 8661094
Conc: 231.44 ng/ml



#25 AR-1248-5

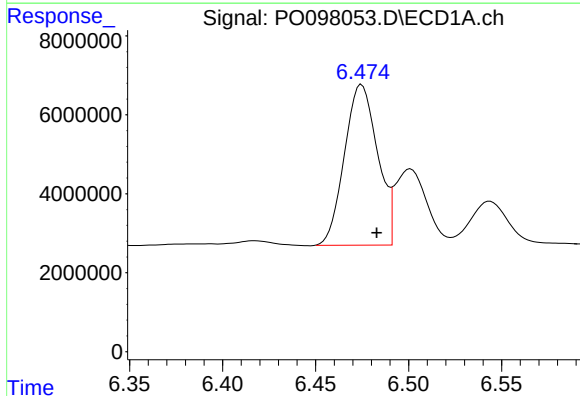
R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 16001761
Conc: 143.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



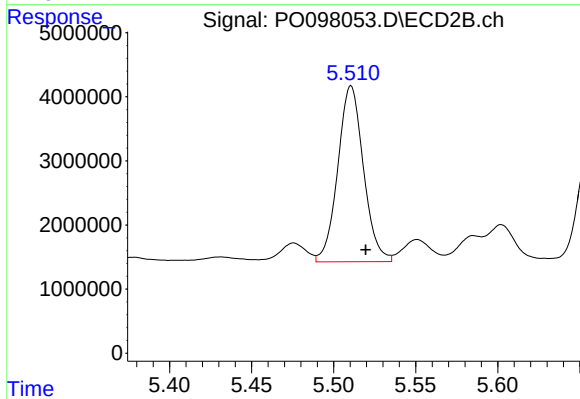
#25 AR-1248-5

R.T.: 5.551 min
Delta R.T.: -0.010 min
Response: 4141575
Conc: 124.29 ng/ml



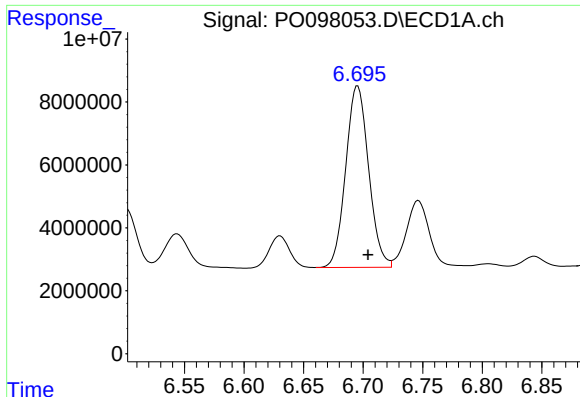
#26 AR-1254-1

R.T.: 6.475 min
Delta R.T.: -0.008 min
Response: 50420285
Conc: 411.27 ng/ml



#26 AR-1254-1

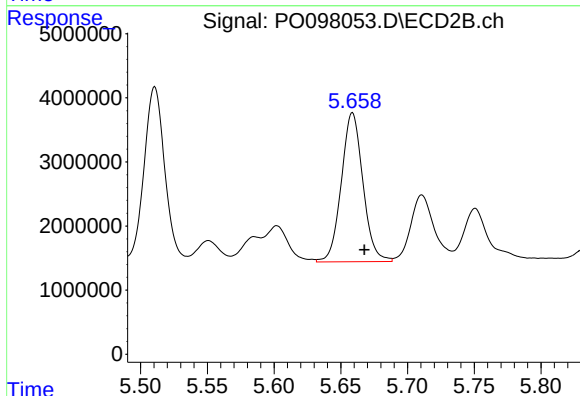
R.T.: 5.511 min
Delta R.T.: -0.009 min
Response: 29903930
Conc: 550.08 ng/ml



#27 AR-1254-2

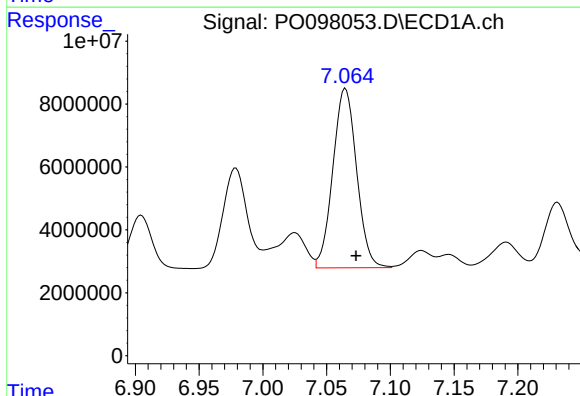
R.T.: 6.695 min
Delta R.T.: -0.009 min
Response: 77126379
Conc: 429.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



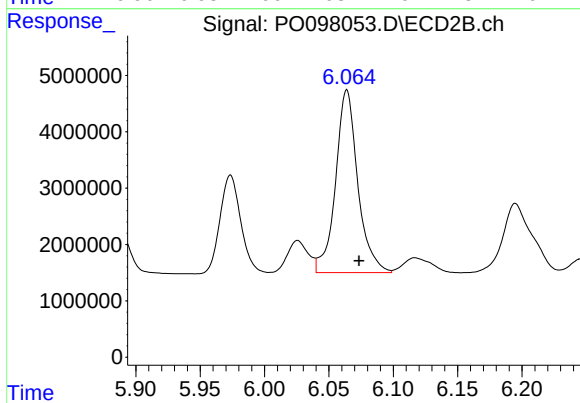
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: -0.009 min
Response: 26155864
Conc: 543.17 ng/ml



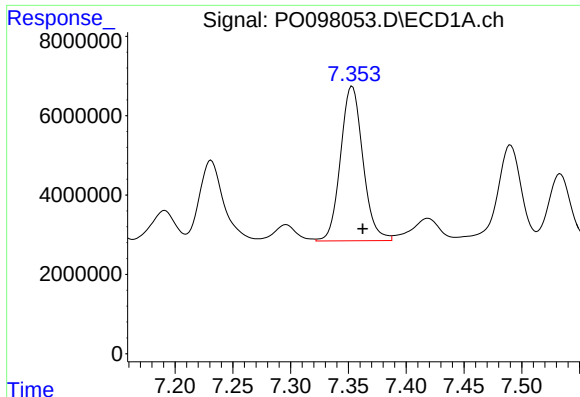
#28 AR-1254-3

R.T.: 7.065 min
Delta R.T.: -0.008 min
Response: 73997975
Conc: 417.86 ng/ml



#28 AR-1254-3

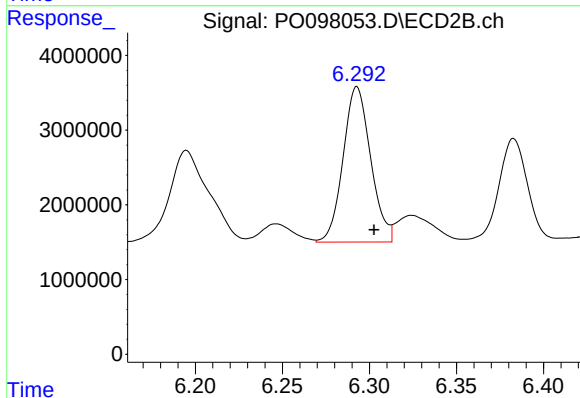
R.T.: 6.064 min
Delta R.T.: -0.010 min
Response: 38968835
Conc: 527.45 ng/ml



#29 AR-1254-4

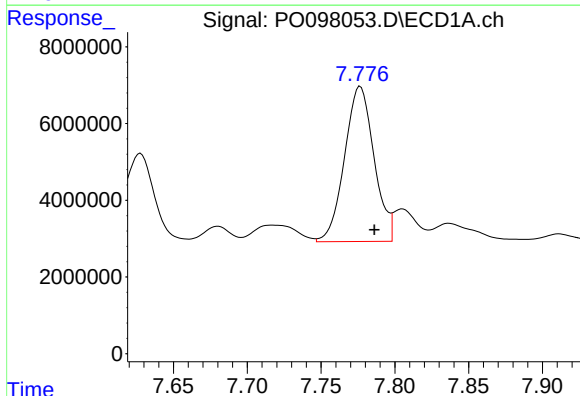
R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 52384303
Conc: 486.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



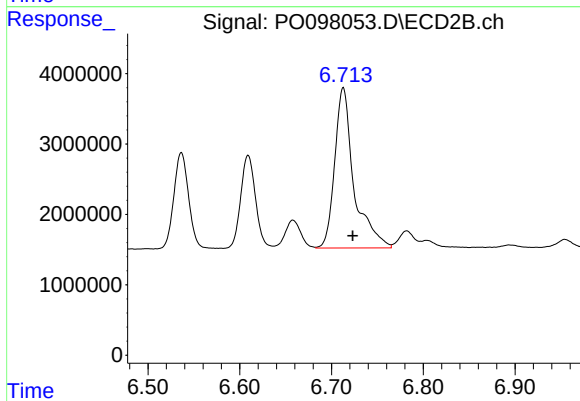
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.010 min
Response: 22925587
Conc: 578.46 ng/ml



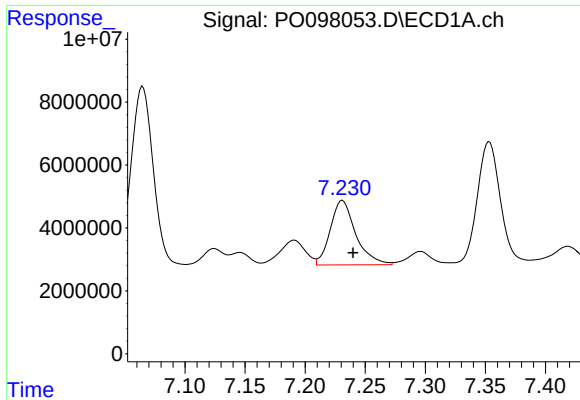
#30 AR-1254-5

R.T.: 7.777 min
Delta R.T.: -0.010 min
Response: 56216433
Conc: 467.56 ng/ml



#30 AR-1254-5

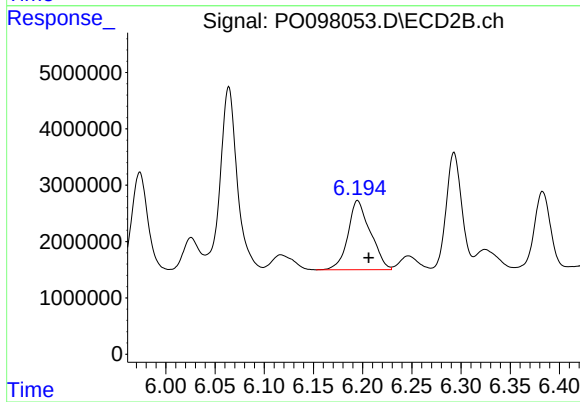
R.T.: 6.713 min
Delta R.T.: -0.010 min
Response: 33195837
Conc: 538.98 ng/ml



#31 AR-1260-1

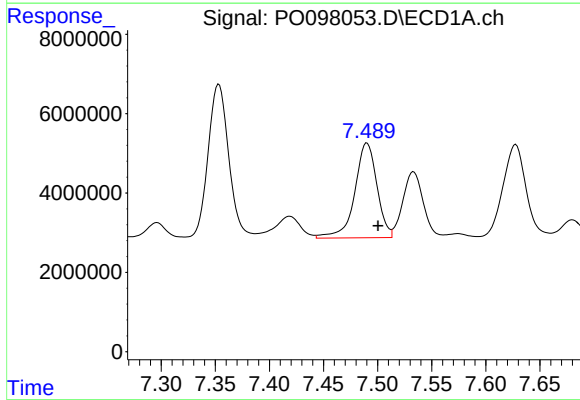
R.T.: 7.231 min
Delta R.T.: -0.009 min
Response: 30244383
Conc: 214.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



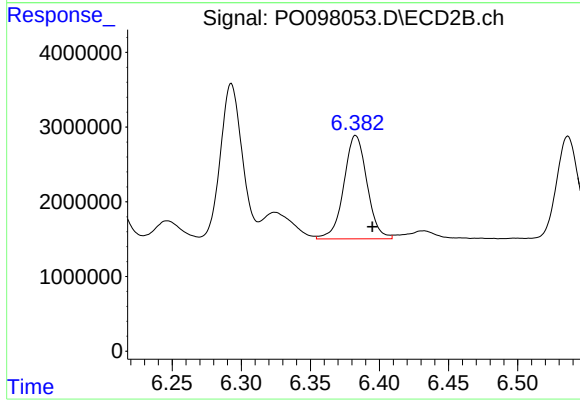
#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: -0.011 min
Response: 19462901
Conc: 365.81 ng/ml



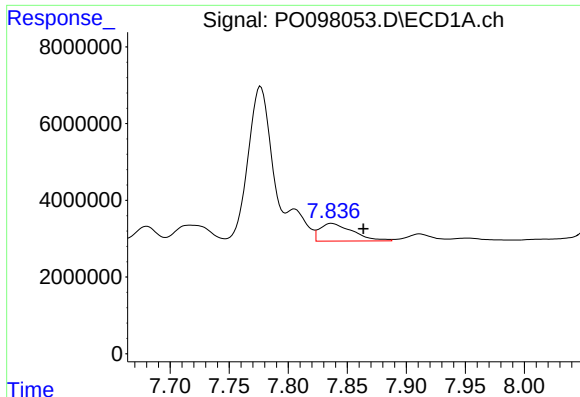
#32 AR-1260-2

R.T.: 7.490 min
Delta R.T.: -0.010 min
Response: 34085824
Conc: 225.50 ng/ml



#32 AR-1260-2

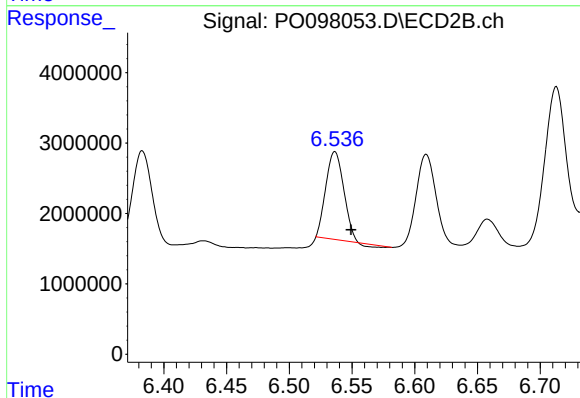
R.T.: 6.383 min
Delta R.T.: -0.012 min
Response: 16182251
Conc: 258.42 ng/ml



#33 AR-1260-3

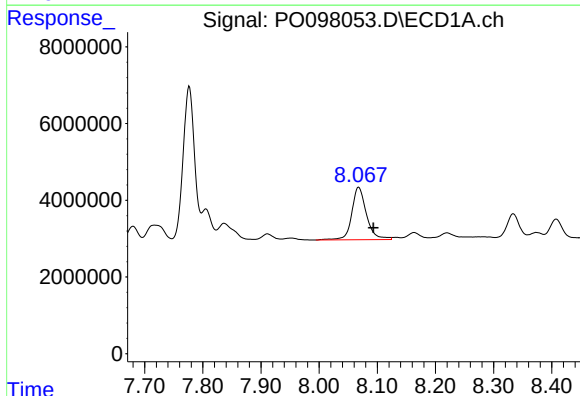
R.T.: 7.837 min
Delta R.T.: -0.027 min
Response: 8990855
Conc: 79.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



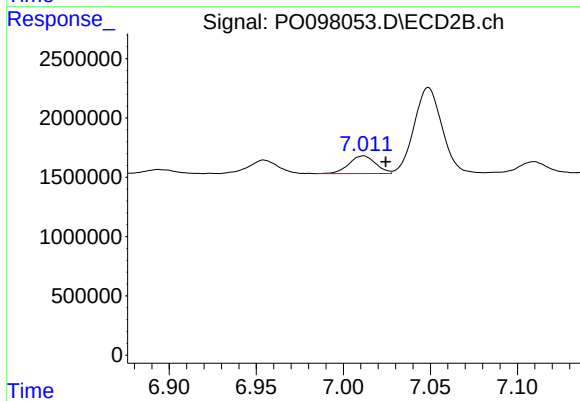
#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.013 min
Response: 12116176
Conc: 210.11 ng/ml



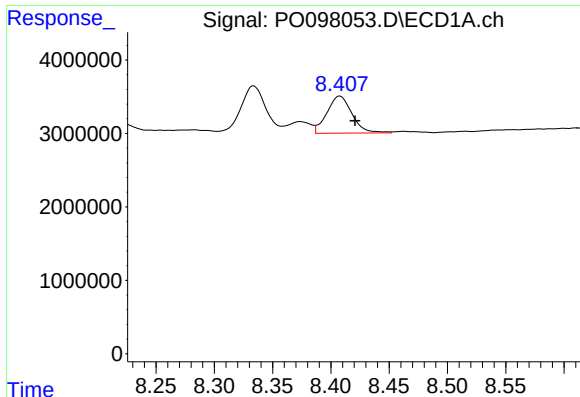
#34 AR-1260-4

R.T.: 8.068 min
Delta R.T.: -0.025 min
Response: 24067800
Conc: 202.46 ng/ml



#34 AR-1260-4

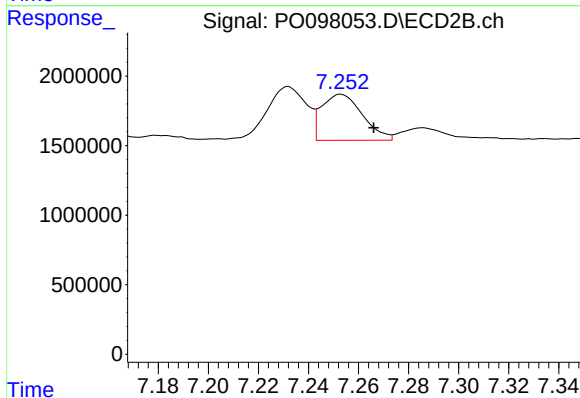
R.T.: 7.011 min
Delta R.T.: -0.013 min
Response: 1601385
Conc: 34.14 ng/ml



#35 AR-1260-5

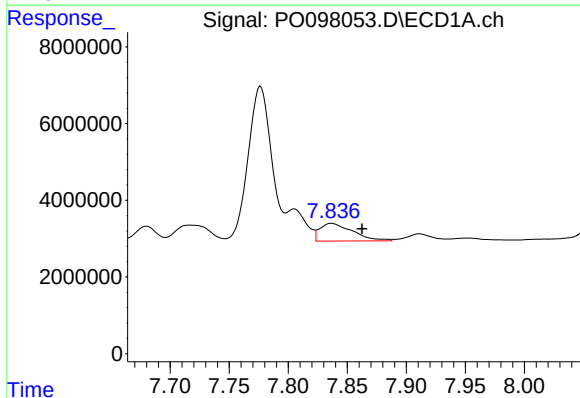
R.T.: 8.408 min
Delta R.T.: -0.013 min
Response: 7588655
Conc: 37.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



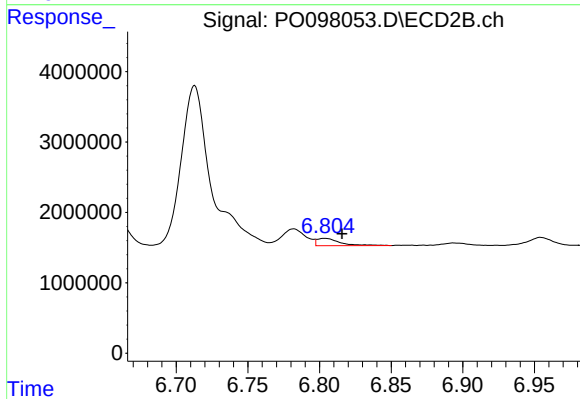
#35 AR-1260-5

R.T.: 7.253 min
Delta R.T.: -0.013 min
Response: 3748164
Conc: 37.81 ng/ml



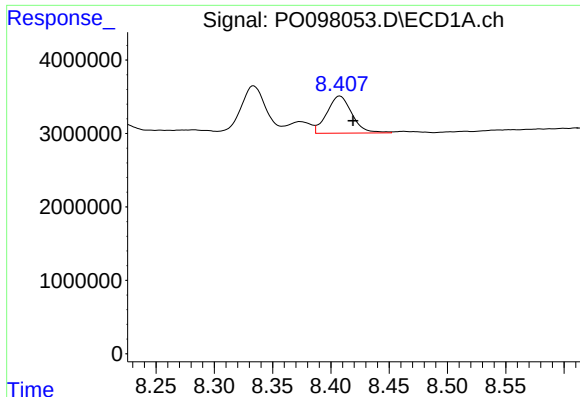
#36 AR-1262-1

R.T.: 7.837 min
Delta R.T.: -0.026 min
Response: 8990855
Conc: 59.14 ng/ml



#36 AR-1262-1

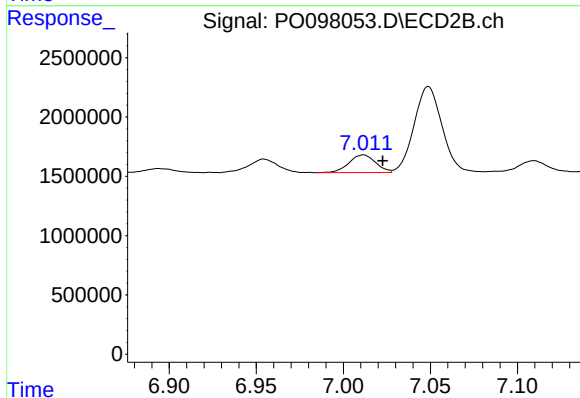
R.T.: 6.804 min
Delta R.T.: -0.012 min
Response: 1185078
Conc: 43.74 ng/ml



#37 AR-1262-2

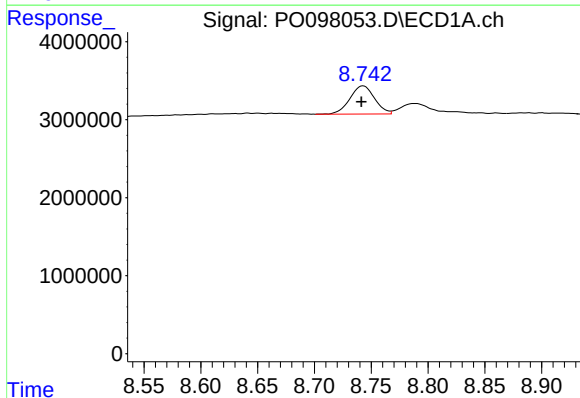
R.T.: 8.408 min
Delta R.T.: -0.011 min
Response: 7588655
Conc: 34.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



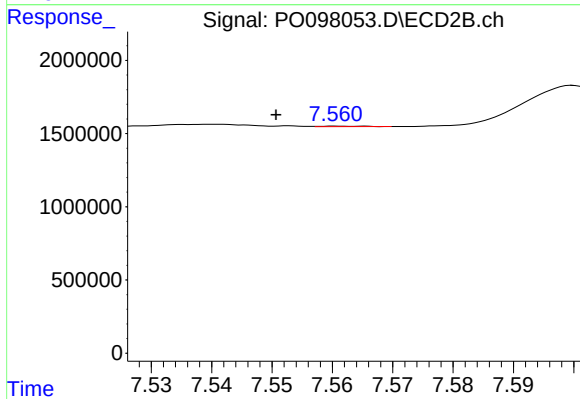
#37 AR-1262-2

R.T.: 7.011 min
Delta R.T.: -0.011 min
Response: 1601385
Conc: 27.48 ng/ml



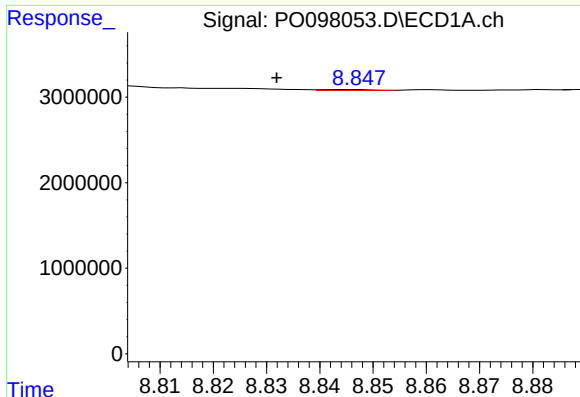
#38 AR-1262-3

R.T.: 8.743 min
Delta R.T.: 0.002 min
Response: 5439340
Conc: 35.16 ng/ml



#38 AR-1262-3

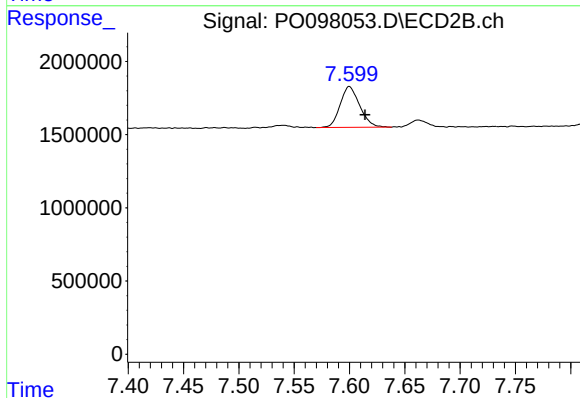
R.T.: 7.560 min
Delta R.T.: 0.010 min
Response: 17289
Conc: 0.40 ng/ml



#39 AR-1262-4

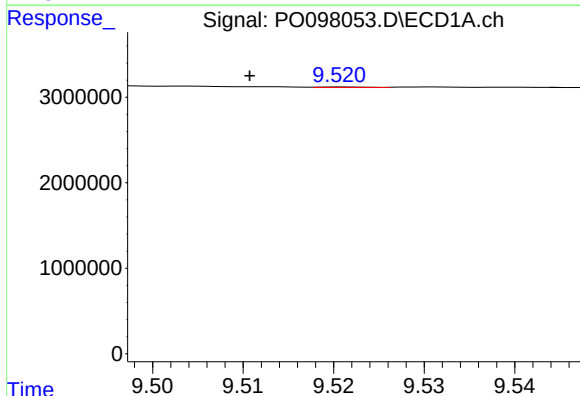
R.T.: 8.847 min
Delta R.T.: 0.015 min
Response: 66774
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



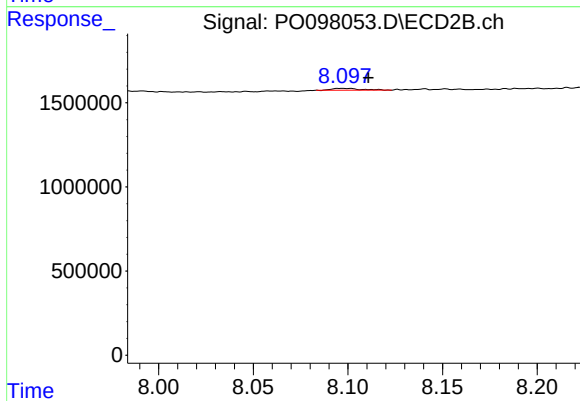
#39 AR-1262-4

R.T.: 7.600 min
Delta R.T.: -0.014 min
Response: 3440960
Conc: 45.22 ng/ml



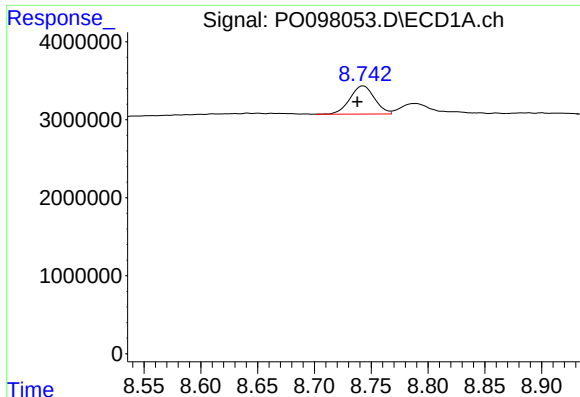
#40 AR-1262-5

R.T.: 9.521 min
Delta R.T.: 0.010 min
Response: 29112
Conc: 0.40 ng/ml



#40 AR-1262-5

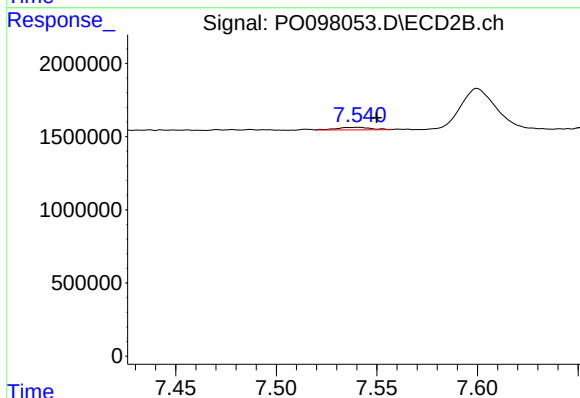
R.T.: 8.097 min
Delta R.T.: -0.014 min
Response: 118152
Conc: 3.77 ng/ml



#41 AR-1268-1

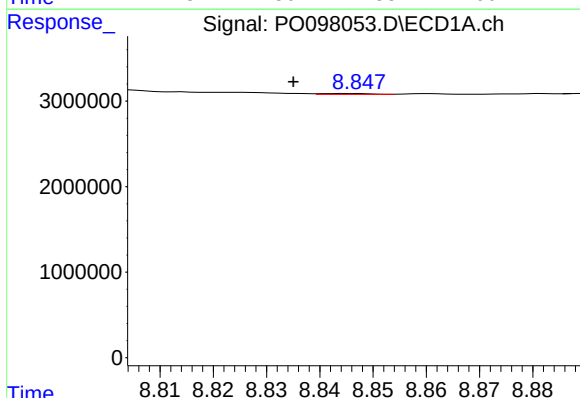
R.T.: 8.743 min
Delta R.T.: 0.005 min
Response: 5439340
Conc: 19.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



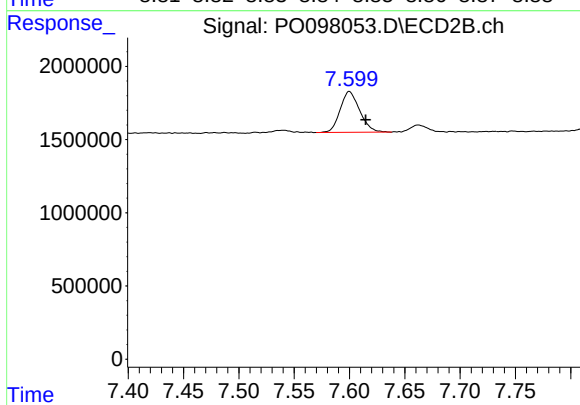
#41 AR-1268-1

R.T.: 7.541 min
Delta R.T.: -0.009 min
Response: 203762
Conc: 1.55 ng/ml



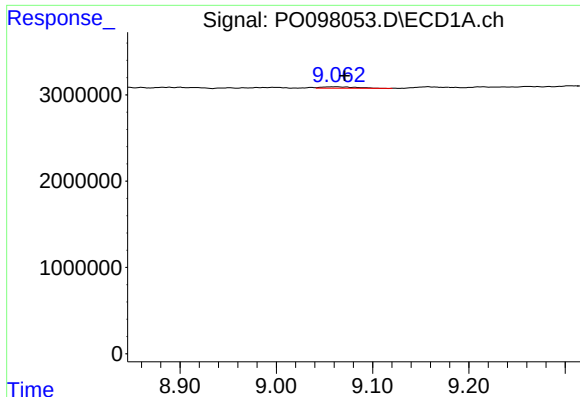
#42 AR-1268-2

R.T.: 8.847 min
Delta R.T.: 0.011 min
Response: 66774
Conc: 0.26 ng/ml



#42 AR-1268-2

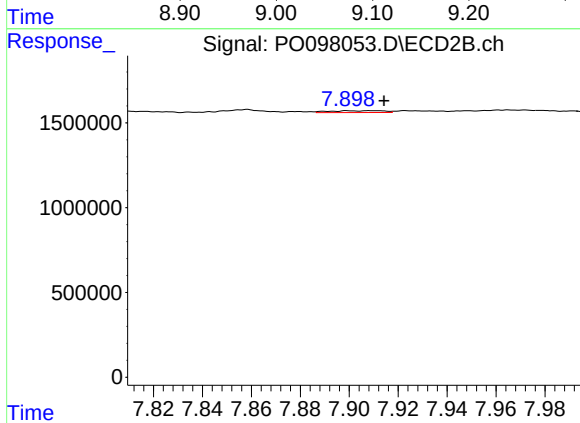
R.T.: 7.600 min
Delta R.T.: -0.015 min
Response: 3440960
Conc: 29.86 ng/ml



#43 AR-1268-3

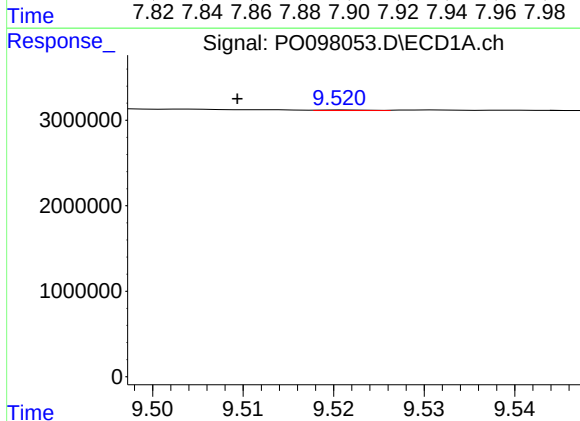
R.T.: 9.063 min
Delta R.T.: -0.008 min
Response: 411021
Conc: 1.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



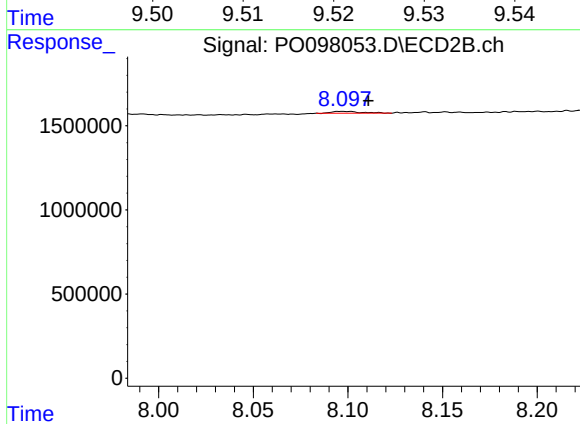
#43 AR-1268-3

R.T.: 7.909 min
Delta R.T.: -0.005 min
Response: 172099
Conc: 6.23 ng/ml



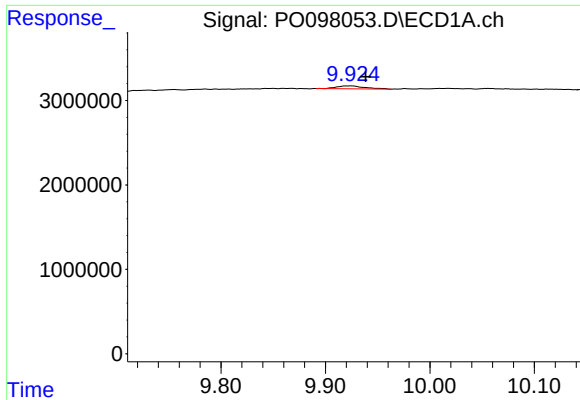
#44 AR-1268-4

R.T.: 9.521 min
Delta R.T.: 0.012 min
Response: 29112
Conc: 0.36 ng/ml



#44 AR-1268-4

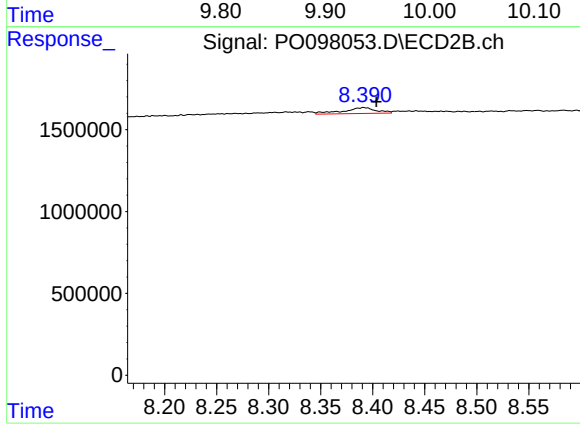
R.T.: 8.097 min
Delta R.T.: -0.014 min
Response: 118152
Conc: 3.35 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: -0.014 min
Response: 674855
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: -0.012 min
Response: 793251
Conc: 2.53 ng/ml