

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090622\
 Data File : P0089308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2022 16:10
 Operator : YP/AJ
 Sample : N4488-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 18:16:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 29 17:48:02 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.428	3.586	71810628	20659092	19.151	21.403
2)	SA Decachlor...	10.258	8.570	40200392	16937582	17.461	19.154
Target Compounds							
3)	L1 AR-1016-1	5.604	4.661	51245019	18596611	455.771	514.953
4)	L1 AR-1016-2	5.626	4.679	71527663	25413306	453.860	514.759
5)	L1 AR-1016-3	5.689	4.854	41557320	13417380	426.107	504.467
6)	L1 AR-1016-4	5.788	4.897	31092709	11392353	395.146	529.304 #
7)	L1 AR-1016-5	6.085	5.109	30459686	12797091	396.902	438.590
8)	L2 AR-1221-1	4.630	3.797	9430582	2806969	221.790	245.310
9)	L2 AR-1221-2	4.724	3.881	8673778	4245513	277.581	485.375 #
10)	L2 AR-1221-3	4.800	3.956	34364058	10831993	370.157	389.149
11)	L3 AR-1232-1	4.800	3.956	34364058	10831993	467.176	471.607
12)	L3 AR-1232-2	5.138	4.679	49627526	25413306	1323.393	1201.459
13)	L3 AR-1232-3	5.626	4.854	71527663	13417380	1071.513	1203.685
14)	L3 AR-1232-4	5.788	4.938	31092709	12615619	945.689	1235.687 #
15)	L3 AR-1232-5	5.879	5.109	27579863	12797091	1020.541	1096.451
16)	L4 AR-1242-1	5.604	4.661	51245019	18596611	579.755	638.391
17)	L4 AR-1242-2	5.626	4.679	71527663	25413306	577.924	641.513
18)	L4 AR-1242-3	5.689	4.854	41557320	13417380	540.657	629.708
19)	L4 AR-1242-4	5.788	4.938	31092709	12615619	500.624	579.792
20)	L4 AR-1242-5	6.529	5.460	9798044	12585684	152.209	460.723 #
21)	L5 AR-1248-1	5.604	4.661	51245019	18596611	744.152	828.012
22)	L5 AR-1248-2	5.879	4.897	27579863	11392353	279.449	348.293
23)	L5 AR-1248-3	6.085	4.938	30459686	12615619	290.740	370.068 #
24)	L5 AR-1248-4	6.490	5.109	7531024	12797091	65.456	313.961 #
25)	L5 AR-1248-5	6.529	5.501	9798044	2109859	86.567	53.093 #
26)	L6 AR-1254-1	6.464	5.460	30030492	12585684	261.095	212.734
27)	L6 AR-1254-2	6.683	5.607	34905987	11386838	205.130	223.222
28)	L6 AR-1254-3	7.053	6.024	21204529	19018369	122.091	240.819 #
29)	L6 AR-1254-4	7.338	6.239	11648074	2581319	93.315	52.075 #
30)	L6 AR-1254-5	7.759	6.654	110.2E6	40129710	855.441	593.537 #
31)	L7 AR-1260-1	7.216	6.139	58836654	24005764	436.943	427.885
32)	L7 AR-1260-2	7.473	6.328	77762702	28847804	509.540	424.532
33)	L7 AR-1260-3	7.836	6.480	41499979	18739128	371.394	305.427
34)	L7 AR-1260-4	8.062	6.951	50640887	18744900	410.217	371.979
35)	L7 AR-1260-5	8.389	7.194	93573593	45666335	392.246	399.126
36)	L8 AR-1262-1	7.836	6.747	41499979	10244143	275.011	361.818 #
37)	L8 AR-1262-2	8.389	7.194	93573593	45666335	367.547	378.683
38)	L8 AR-1262-3	8.724	7.476	58498105	8808526	342.140	182.894 #
39)	L8 AR-1262-4	8.801	7.539	12634530	33104164	180.834	370.356 #
40)	L8 AR-1262-5	9.477	8.036	22546208	10224547	237.699	249.320
41)	L9 AR-1268-1	8.724	7.476	58498105	8808526	202.258	61.593 #

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 ALS Vial : 19 Sample Multiplier: 1

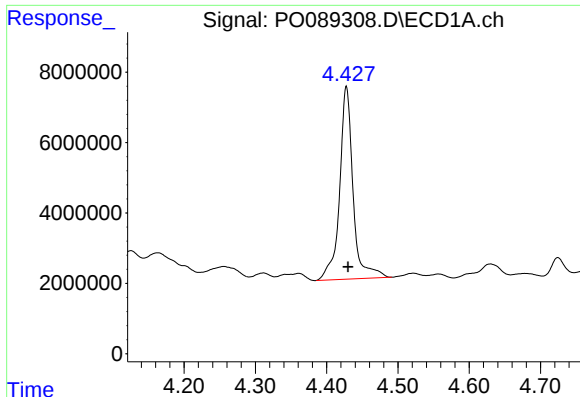
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 18:16:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082922.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.801	7.539	12634530	33104164	47.234	257.494 #
43) L9	AR-1268-3	9.040	7.745	1457523	860078	6.286	7.985 #
44) L9	AR-1268-4	9.477	8.036	22546208	10224547	228.223	224.320
45) L9	AR-1268-5	9.906	8.321	8974824	3560736	12.318	10.903

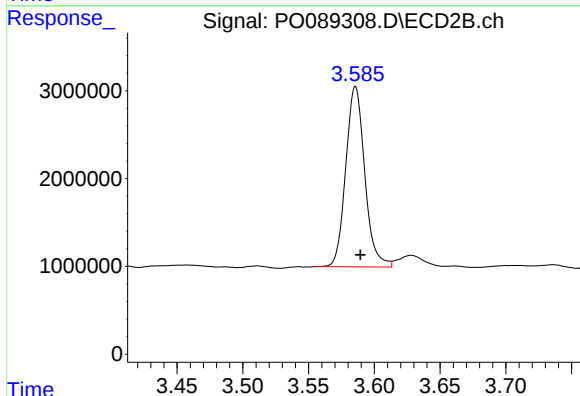
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

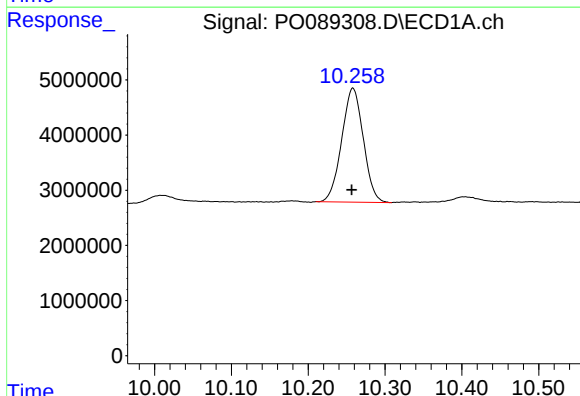
R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 71810628
Conc: 19.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



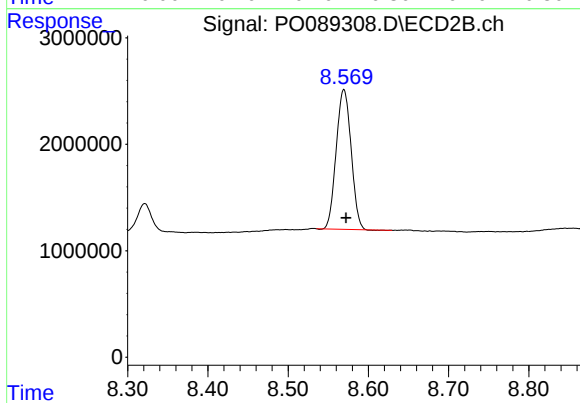
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: -0.004 min
Response: 20659092
Conc: 21.40 ng/ml



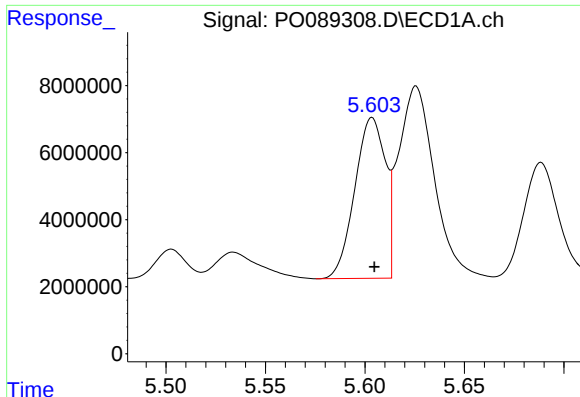
#2 Decachlorobiphenyl

R.T.: 10.258 min
Delta R.T.: 0.001 min
Response: 40200392
Conc: 17.46 ng/ml



#2 Decachlorobiphenyl

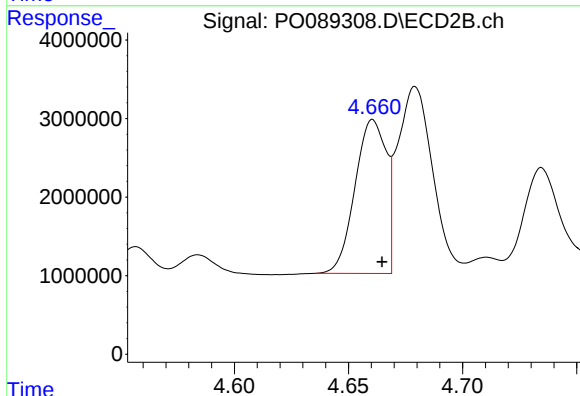
R.T.: 8.570 min
Delta R.T.: -0.003 min
Response: 16937582
Conc: 19.15 ng/ml



#3 AR-1016-1

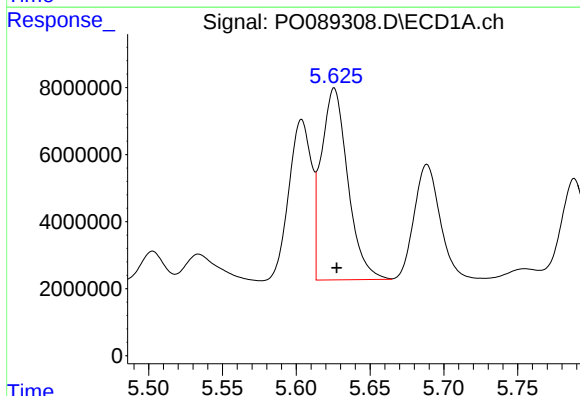
R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 51245019
Conc: 455.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



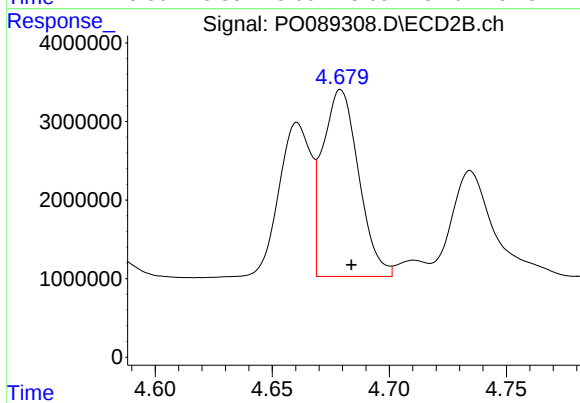
#3 AR-1016-1

R.T.: 4.661 min
Delta R.T.: -0.004 min
Response: 18596611
Conc: 514.95 ng/ml



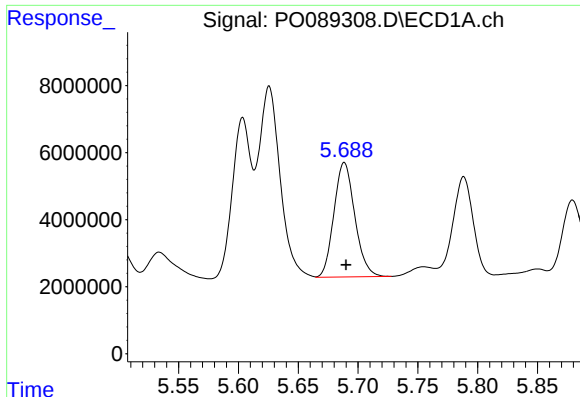
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: -0.002 min
Response: 71527663
Conc: 453.86 ng/ml



#4 AR-1016-2

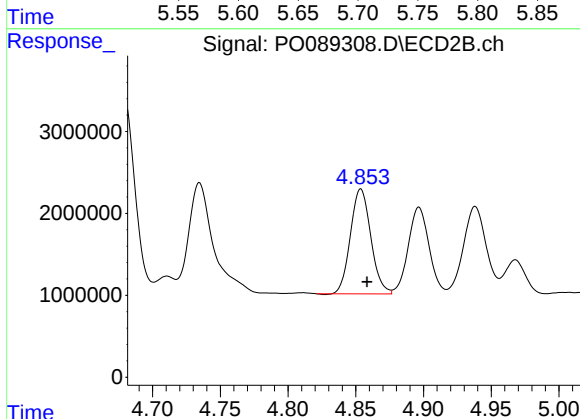
R.T.: 4.679 min
Delta R.T.: -0.005 min
Response: 25413306
Conc: 514.76 ng/ml



#5 AR-1016-3

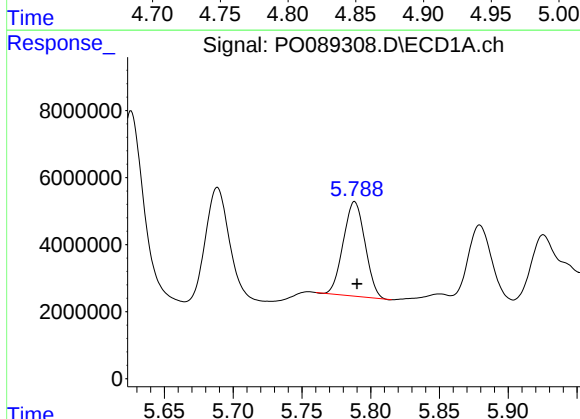
R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 41557320
Conc: 426.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



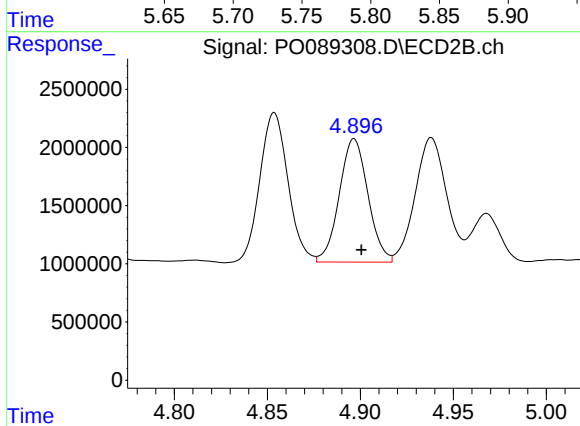
#5 AR-1016-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 13417380
Conc: 504.47 ng/ml



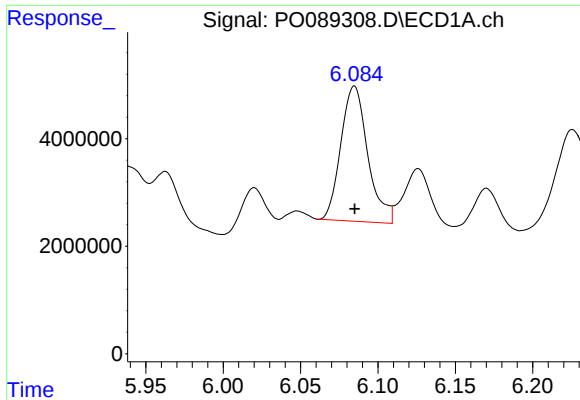
#6 AR-1016-4

R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 31092709
Conc: 395.15 ng/ml



#6 AR-1016-4

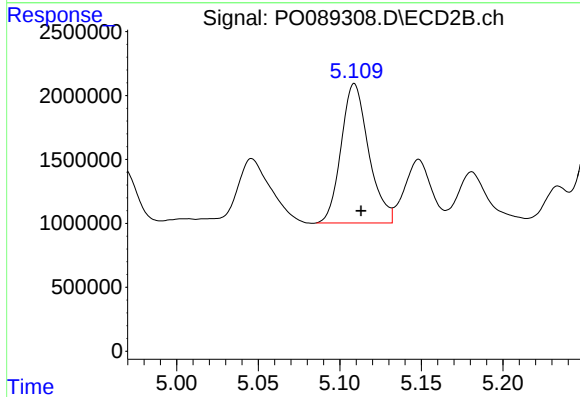
R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 11392353
Conc: 529.30 ng/ml



#7 AR-1016-5

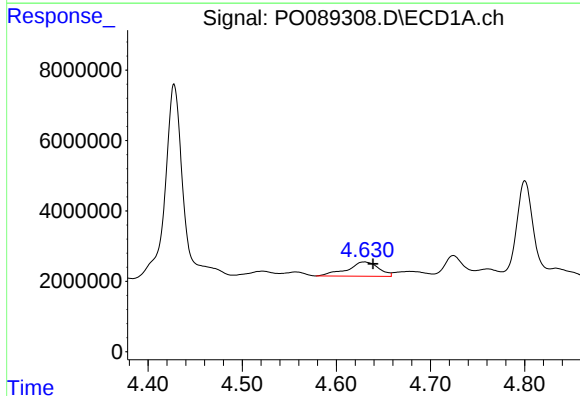
R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 30459686
Conc: 396.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



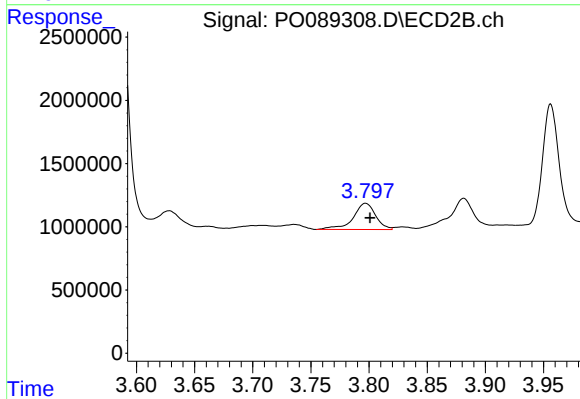
#7 AR-1016-5

R.T.: 5.109 min
Delta R.T.: -0.004 min
Response: 12797091
Conc: 438.59 ng/ml



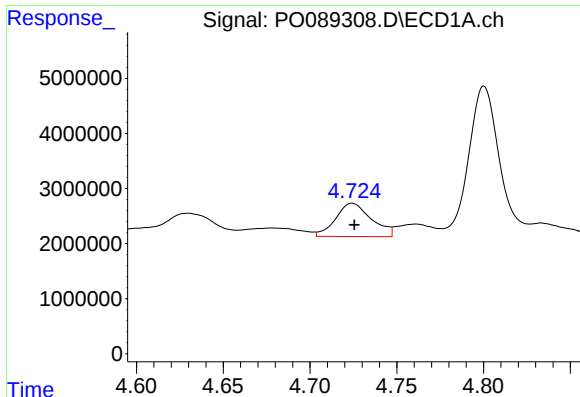
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.009 min
Response: 9430582
Conc: 221.79 ng/ml



#8 AR-1221-1

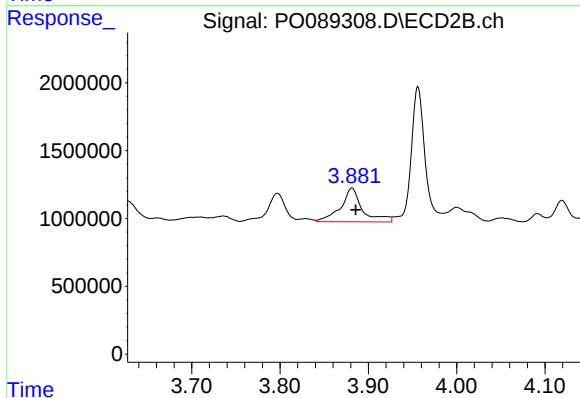
R.T.: 3.797 min
Delta R.T.: -0.004 min
Response: 2806969
Conc: 245.31 ng/ml



#9 AR-1221-2

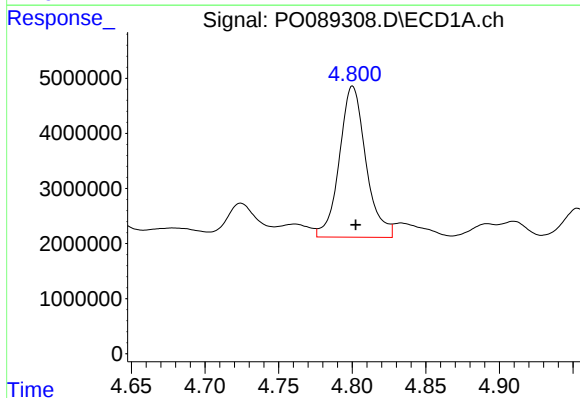
R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 8673778
Conc: 277.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



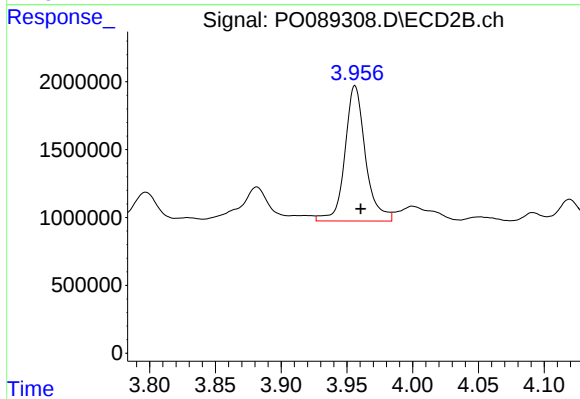
#9 AR-1221-2

R.T.: 3.881 min
Delta R.T.: -0.004 min
Response: 4245513
Conc: 485.38 ng/ml



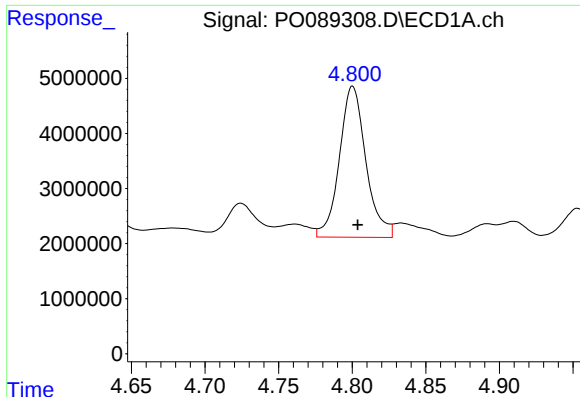
#10 AR-1221-3

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 34364058
Conc: 370.16 ng/ml



#10 AR-1221-3

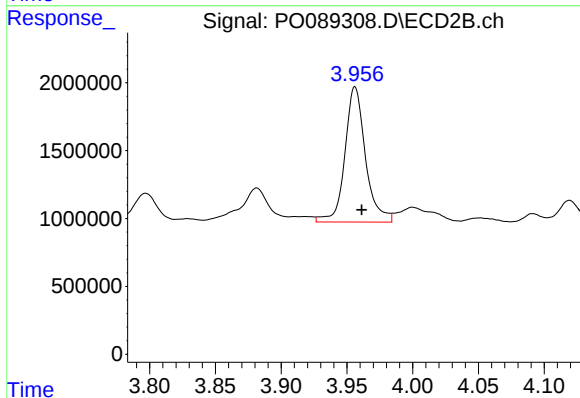
R.T.: 3.956 min
Delta R.T.: -0.004 min
Response: 10831993
Conc: 389.15 ng/ml



#11 AR-1232-1

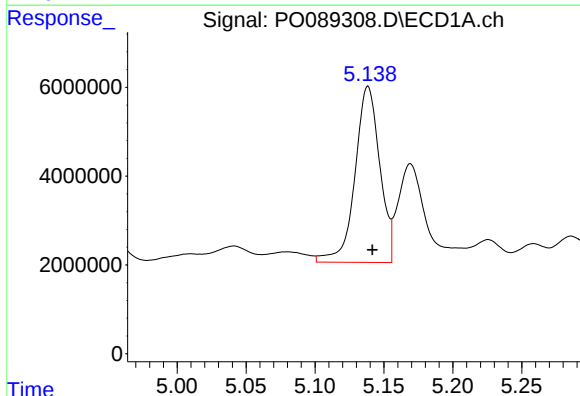
R.T.: 4.800 min
Delta R.T.: -0.003 min
Response: 34364058
Conc: 467.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



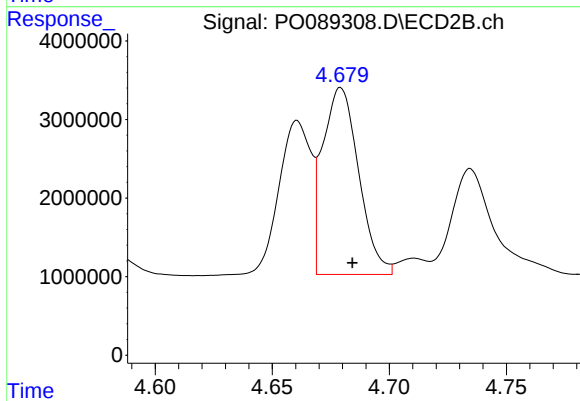
#11 AR-1232-1

R.T.: 3.956 min
Delta R.T.: -0.005 min
Response: 10831993
Conc: 471.61 ng/ml



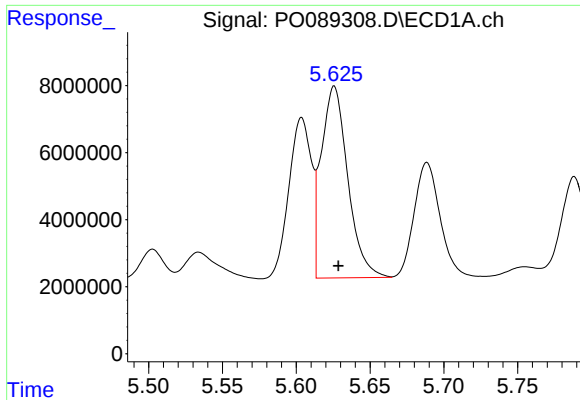
#12 AR-1232-2

R.T.: 5.138 min
Delta R.T.: -0.003 min
Response: 49627526
Conc: 1323.39 ng/ml



#12 AR-1232-2

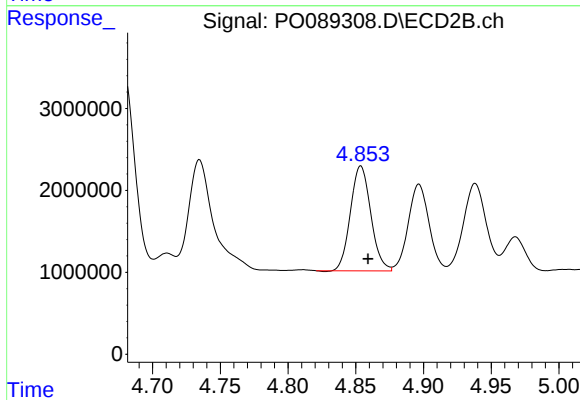
R.T.: 4.679 min
Delta R.T.: -0.005 min
Response: 25413306
Conc: 1201.46 ng/ml



#13 AR-1232-3

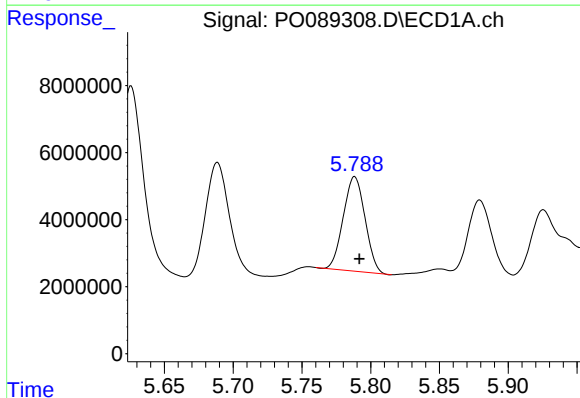
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 71527663
Conc: 1071.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



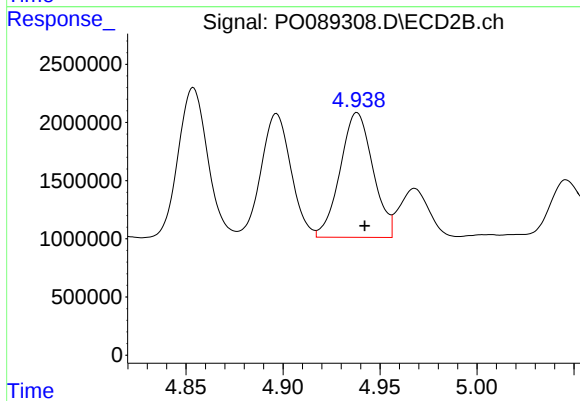
#13 AR-1232-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 13417380
Conc: 1203.69 ng/ml



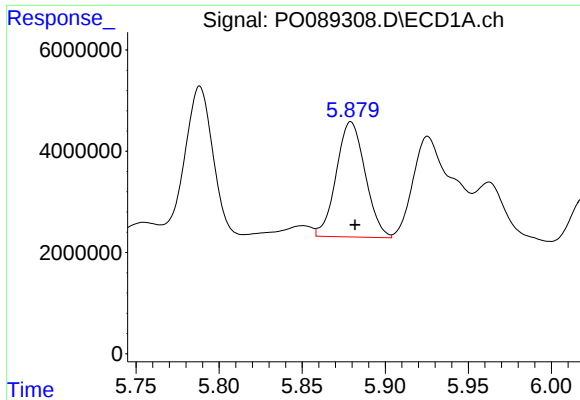
#14 AR-1232-4

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 31092709
Conc: 945.69 ng/ml



#14 AR-1232-4

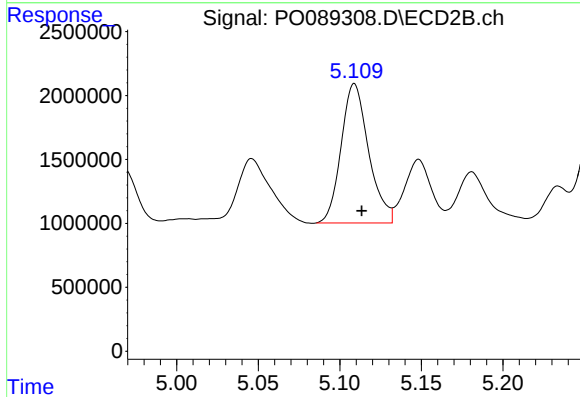
R.T.: 4.938 min
Delta R.T.: -0.004 min
Response: 12615619
Conc: 1235.69 ng/ml



#15 AR-1232-5

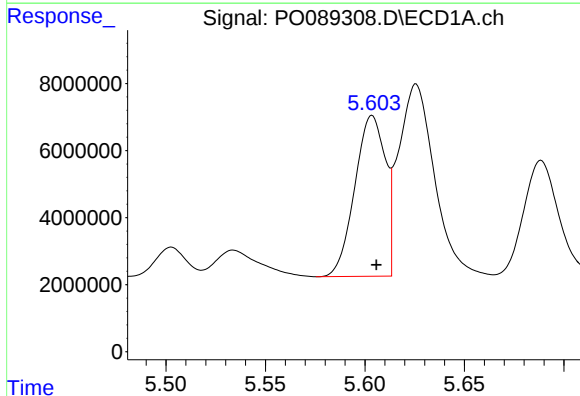
R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 27579863
Conc: 1020.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



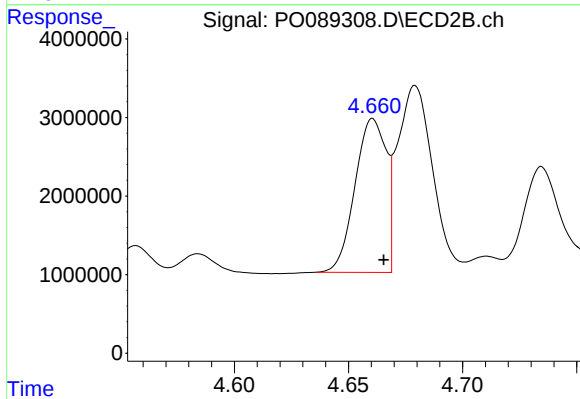
#15 AR-1232-5

R.T.: 5.109 min
Delta R.T.: -0.004 min
Response: 12797091
Conc: 1096.45 ng/ml



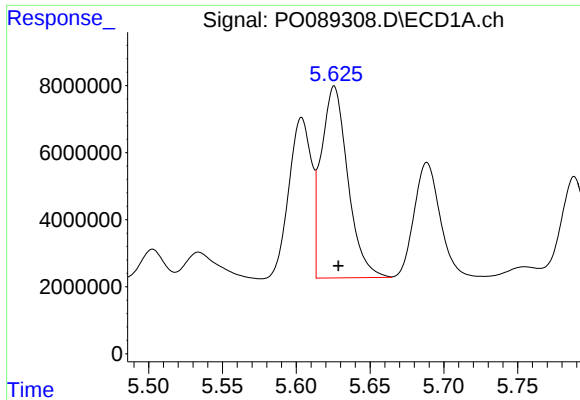
#16 AR-1242-1

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 51245019
Conc: 579.76 ng/ml



#16 AR-1242-1

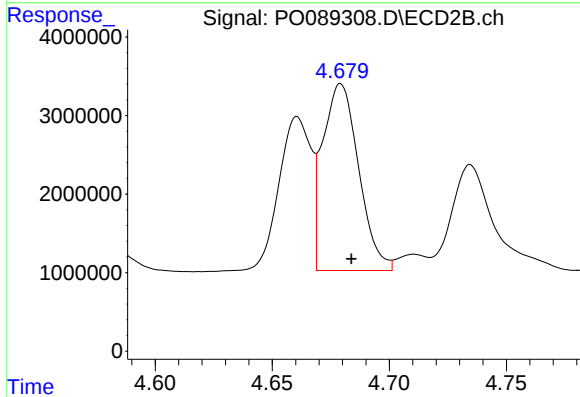
R.T.: 4.661 min
Delta R.T.: -0.005 min
Response: 18596611
Conc: 638.39 ng/ml



#17 AR-1242-2

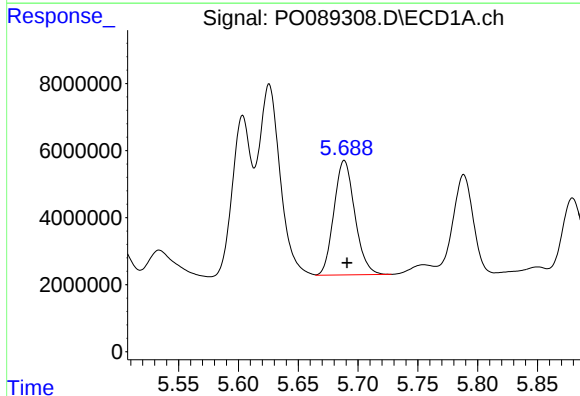
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 71527663
Conc: 577.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



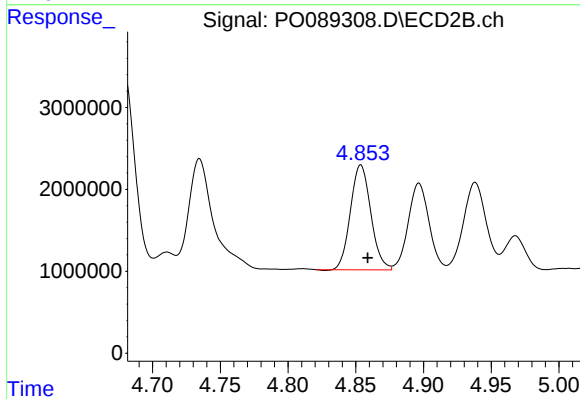
#17 AR-1242-2

R.T.: 4.679 min
Delta R.T.: -0.004 min
Response: 25413306
Conc: 641.51 ng/ml



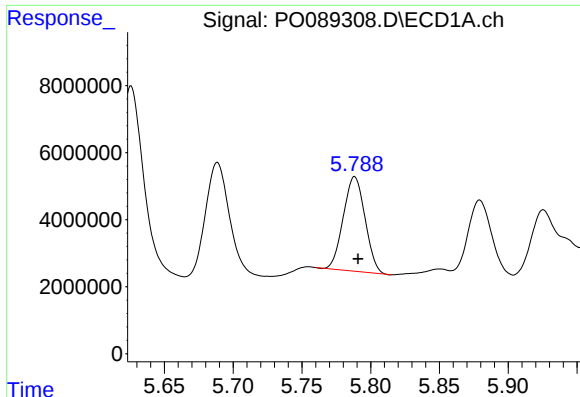
#18 AR-1242-3

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 41557320
Conc: 540.66 ng/ml



#18 AR-1242-3

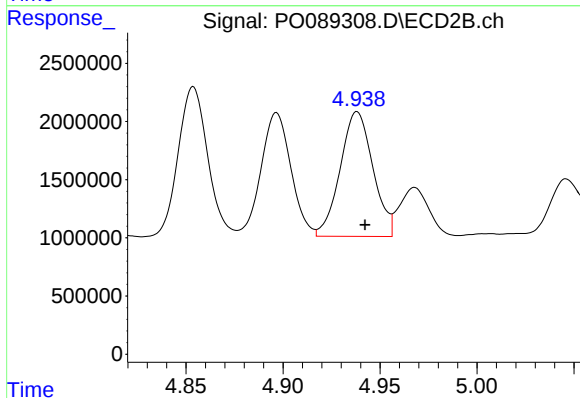
R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 13417380
Conc: 629.71 ng/ml



#19 AR-1242-4

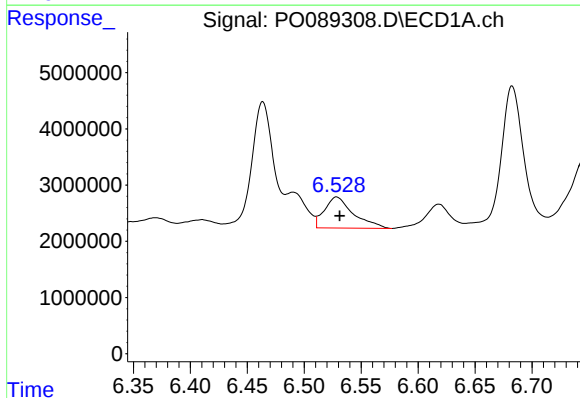
R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 31092709
Conc: 500.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



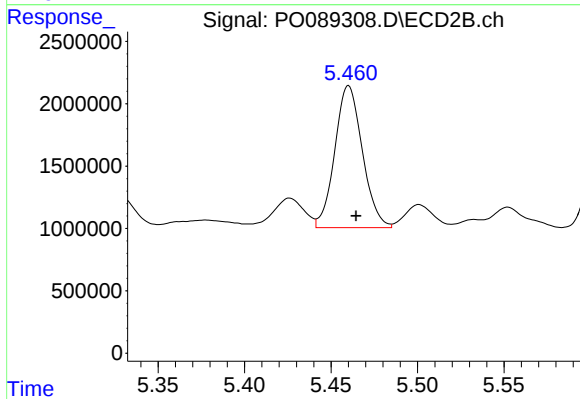
#19 AR-1242-4

R.T.: 4.938 min
Delta R.T.: -0.004 min
Response: 12615619
Conc: 579.79 ng/ml



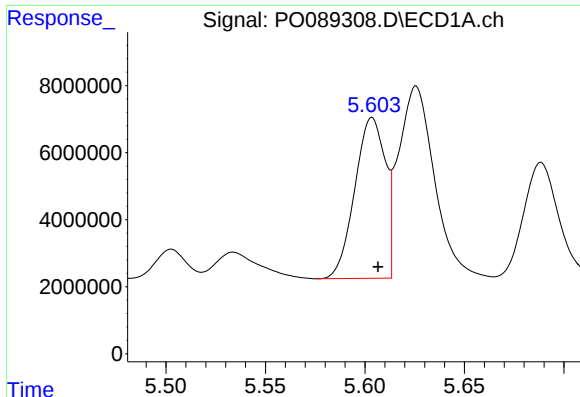
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 9798044
Conc: 152.21 ng/ml



#20 AR-1242-5

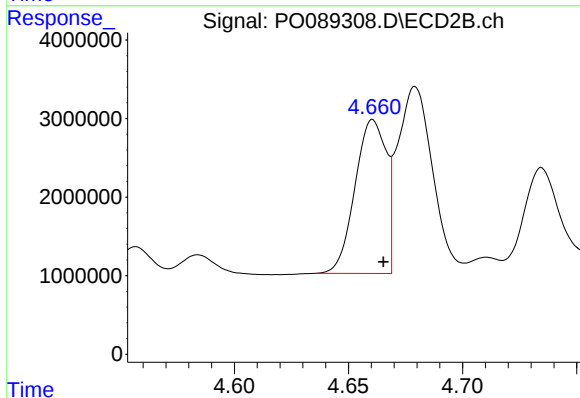
R.T.: 5.460 min
Delta R.T.: -0.004 min
Response: 12585684
Conc: 460.72 ng/ml



#21 AR-1248-1

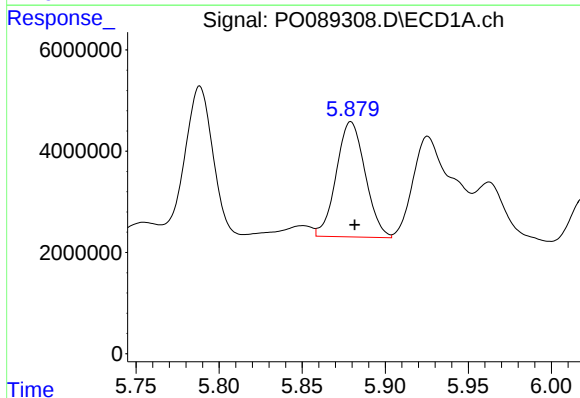
R.T.: 5.604 min
Delta R.T.: -0.003 min
Response: 51245019
Conc: 744.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



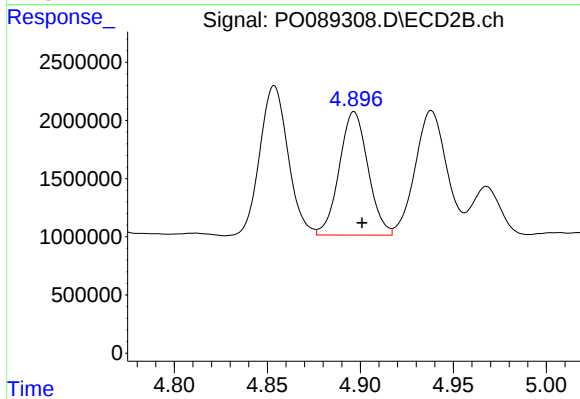
#21 AR-1248-1

R.T.: 4.661 min
Delta R.T.: -0.005 min
Response: 18596611
Conc: 828.01 ng/ml



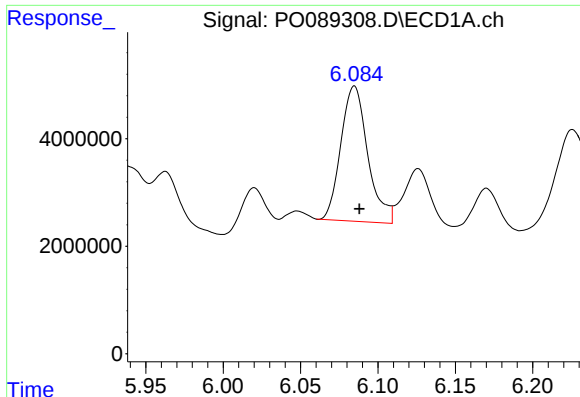
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 27579863
Conc: 279.45 ng/ml



#22 AR-1248-2

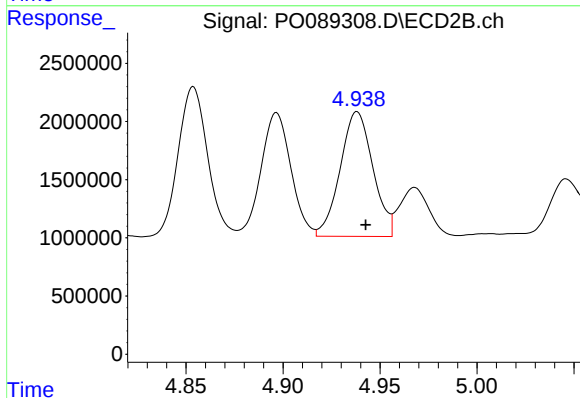
R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 11392353
Conc: 348.29 ng/ml



#23 AR-1248-3

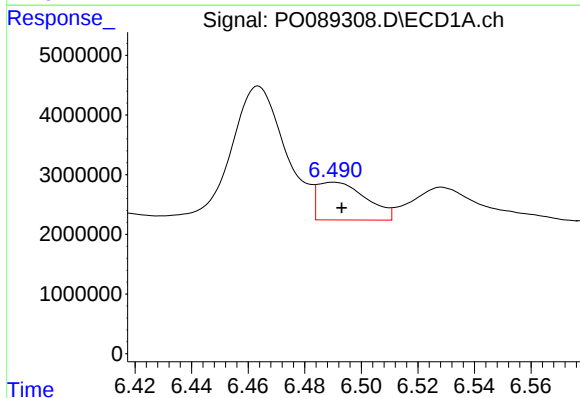
R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 30459686
Conc: 290.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



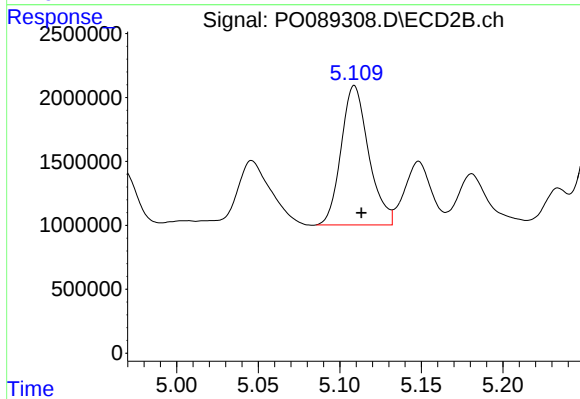
#23 AR-1248-3

R.T.: 4.938 min
Delta R.T.: -0.005 min
Response: 12615619
Conc: 370.07 ng/ml



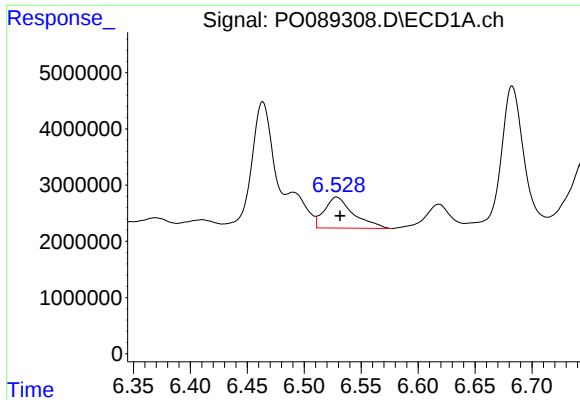
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 7531024
Conc: 65.46 ng/ml



#24 AR-1248-4

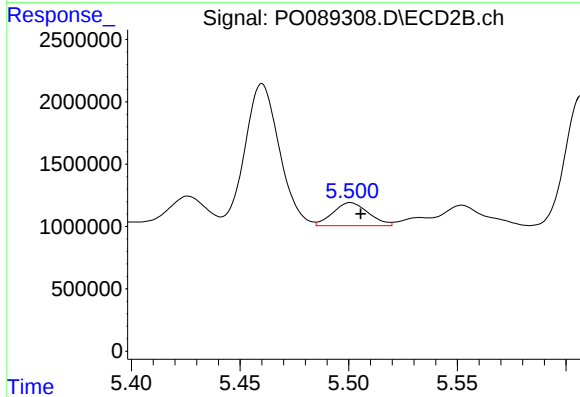
R.T.: 5.109 min
Delta R.T.: -0.004 min
Response: 12797091
Conc: 313.96 ng/ml



#25 AR-1248-5

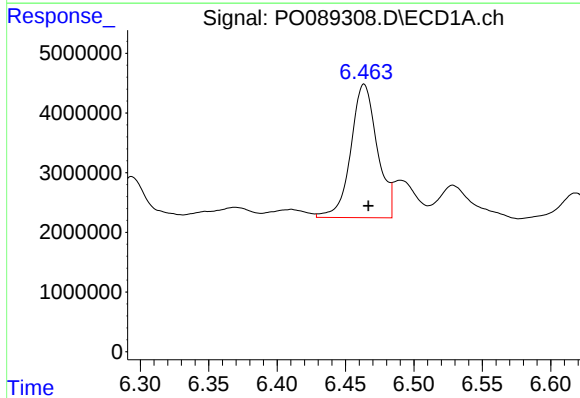
R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 9798044
Conc: 86.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



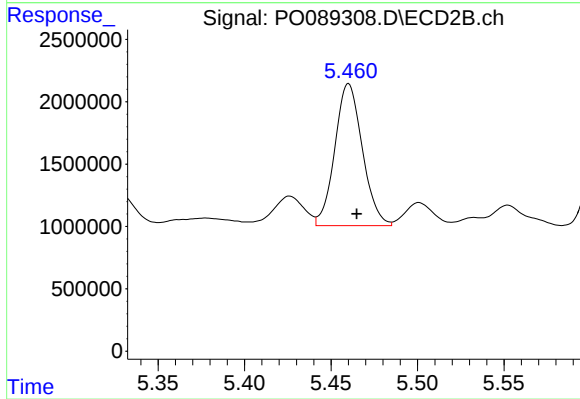
#25 AR-1248-5

R.T.: 5.501 min
Delta R.T.: -0.005 min
Response: 2109859
Conc: 53.09 ng/ml



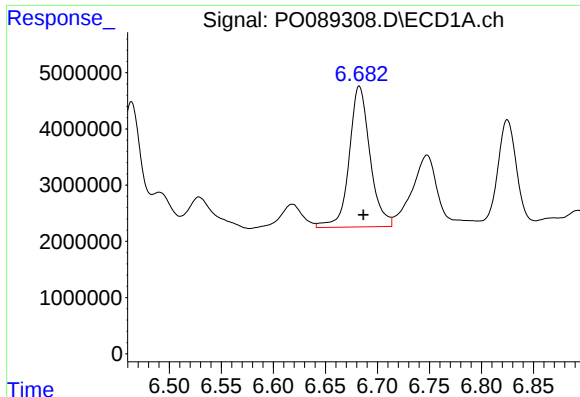
#26 AR-1254-1

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 30030492
Conc: 261.10 ng/ml



#26 AR-1254-1

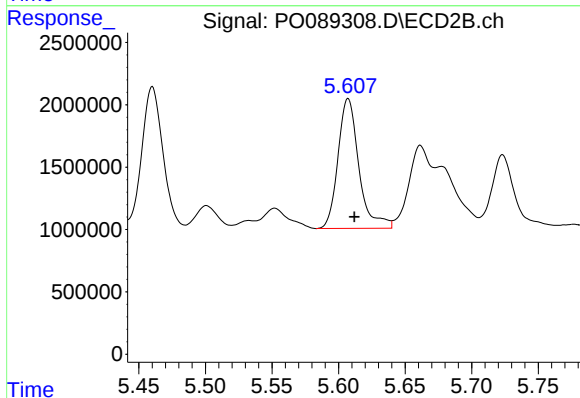
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 12585684
Conc: 212.73 ng/ml



#27 AR-1254-2

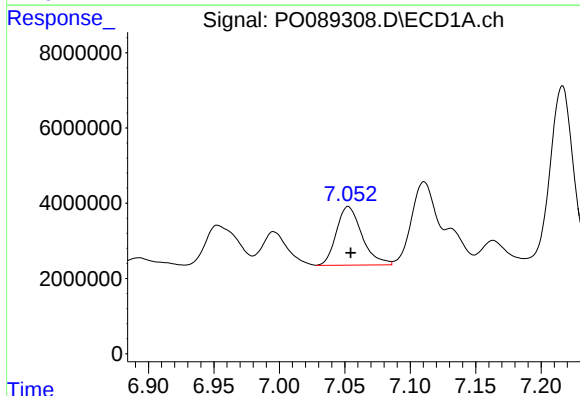
R.T.: 6.683 min
Delta R.T.: -0.004 min
Response: 34905987
Conc: 205.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



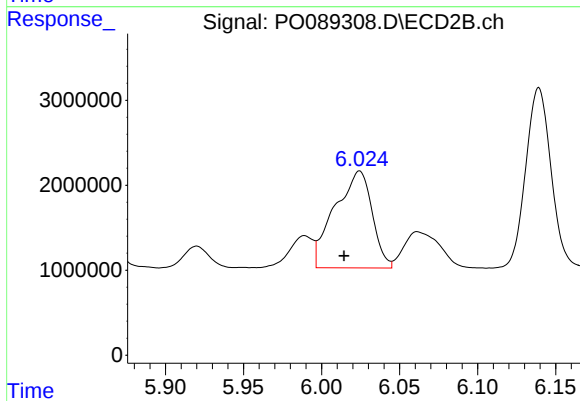
#27 AR-1254-2

R.T.: 5.607 min
Delta R.T.: -0.005 min
Response: 11386838
Conc: 223.22 ng/ml



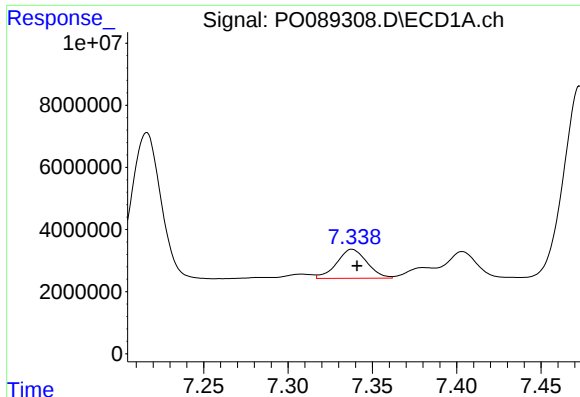
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 21204529
Conc: 122.09 ng/ml



#28 AR-1254-3

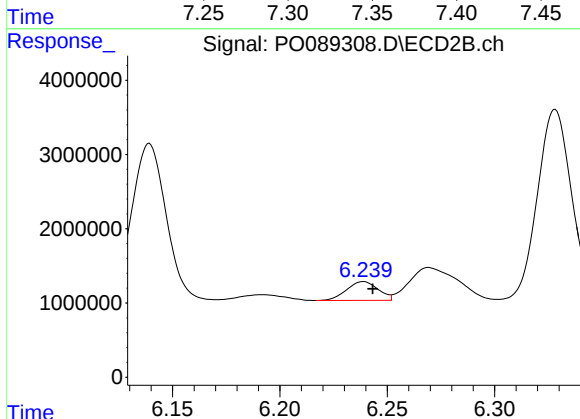
R.T.: 6.024 min
Delta R.T.: 0.010 min
Response: 19018369
Conc: 240.82 ng/ml



#29 AR-1254-4

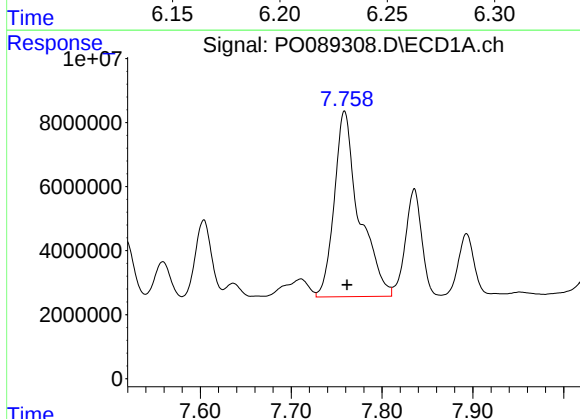
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 11648074
Conc: 93.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



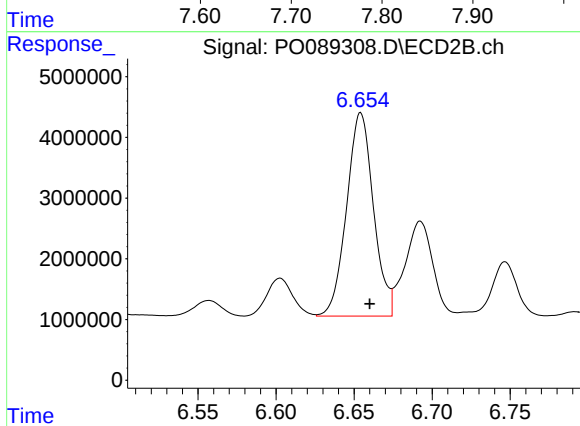
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 2581319
Conc: 52.07 ng/ml



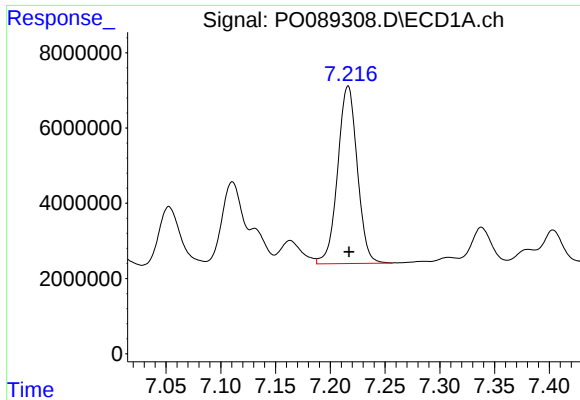
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: -0.003 min
Response: 110182782
Conc: 855.44 ng/ml



#30 AR-1254-5

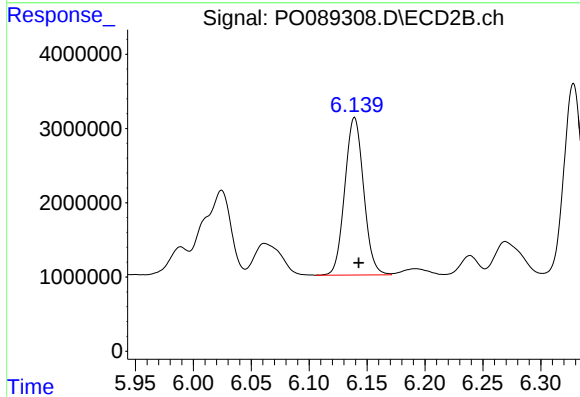
R.T.: 6.654 min
Delta R.T.: -0.006 min
Response: 40129710
Conc: 593.54 ng/ml



#31 AR-1260-1

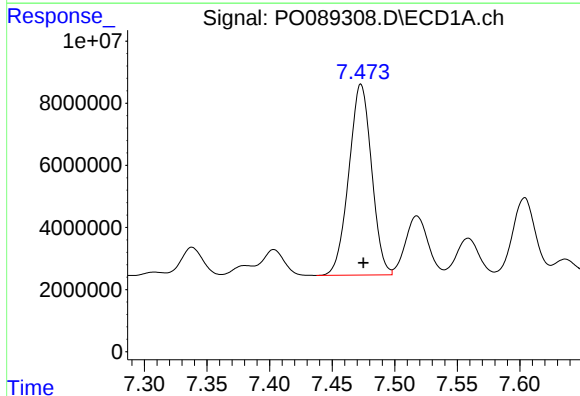
R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 58836654
Conc: 436.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



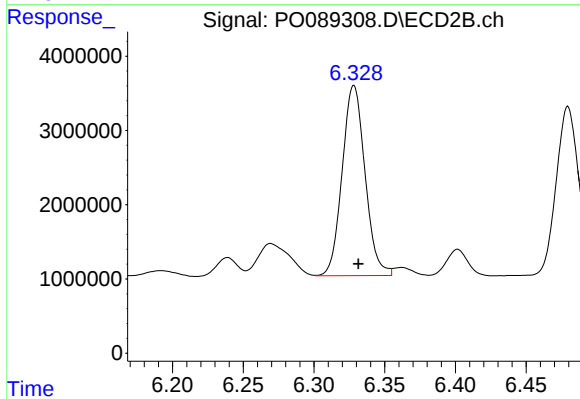
#31 AR-1260-1

R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 24005764
Conc: 427.88 ng/ml



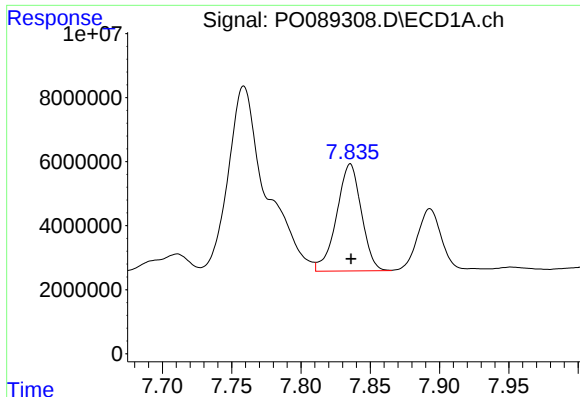
#32 AR-1260-2

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 77762702
Conc: 509.54 ng/ml



#32 AR-1260-2

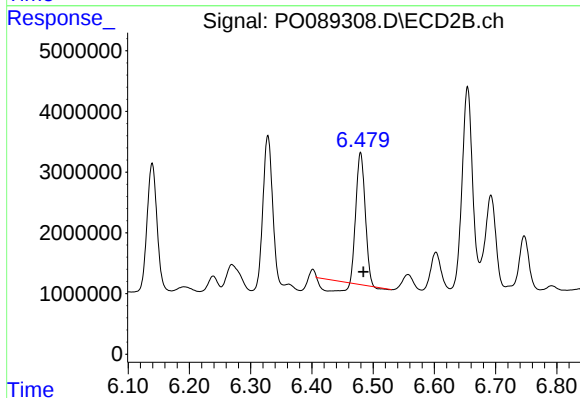
R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 28847804
Conc: 424.53 ng/ml



#33 AR-1260-3

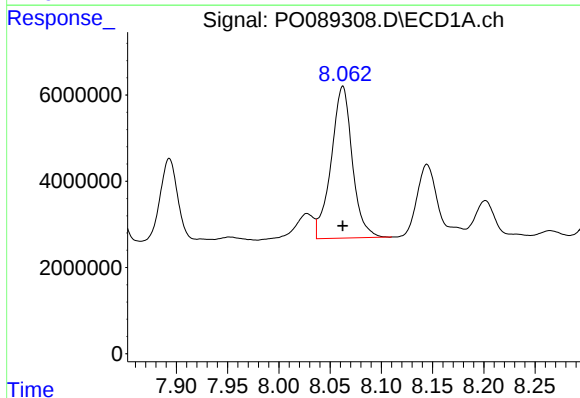
R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 41499979
Conc: 371.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



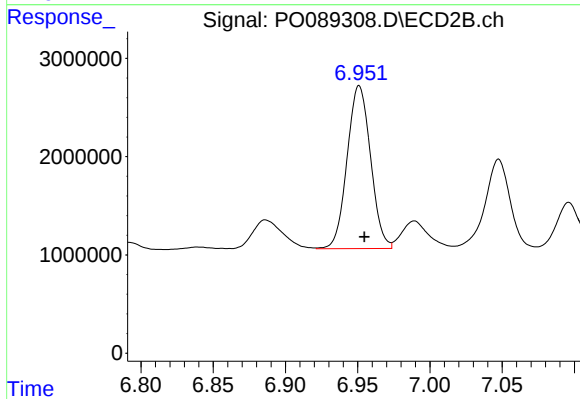
#33 AR-1260-3

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 18739128
Conc: 305.43 ng/ml



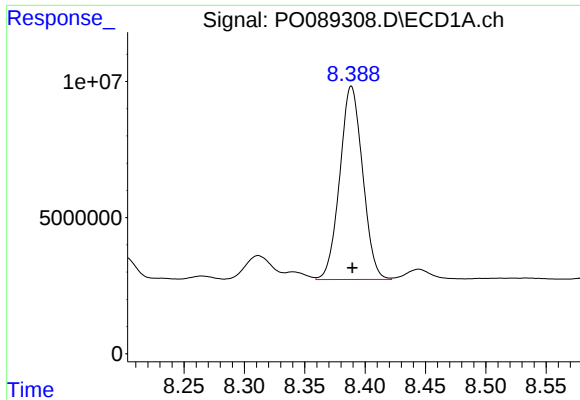
#34 AR-1260-4

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 50640887
Conc: 410.22 ng/ml



#34 AR-1260-4

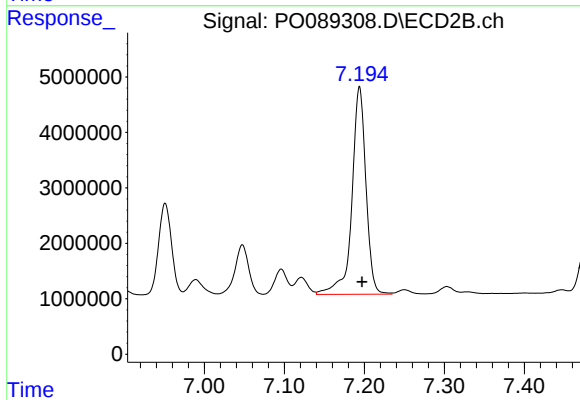
R.T.: 6.951 min
Delta R.T.: -0.004 min
Response: 18744900
Conc: 371.98 ng/ml



#35 AR-1260-5

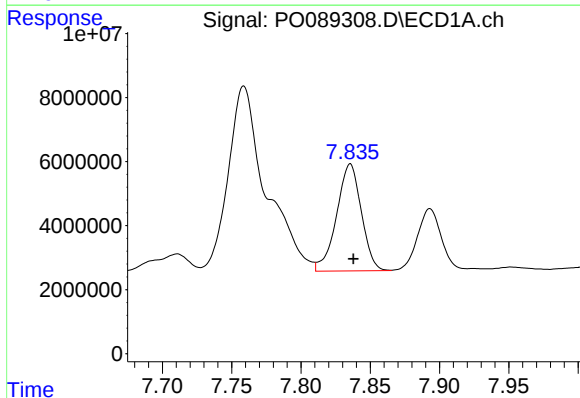
R.T.: 8.389 min
Delta R.T.: 0.000 min
Response: 93573593
Conc: 392.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



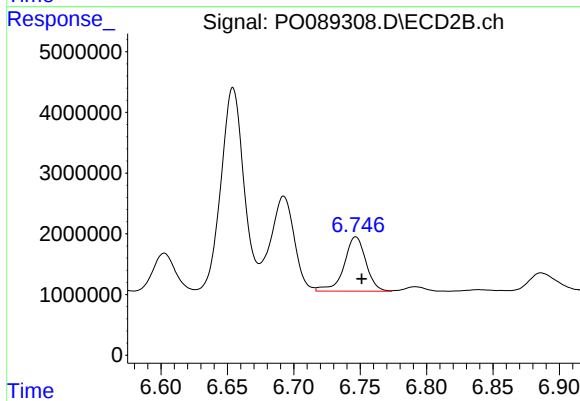
#35 AR-1260-5

R.T.: 7.194 min
Delta R.T.: -0.003 min
Response: 45666335
Conc: 399.13 ng/ml



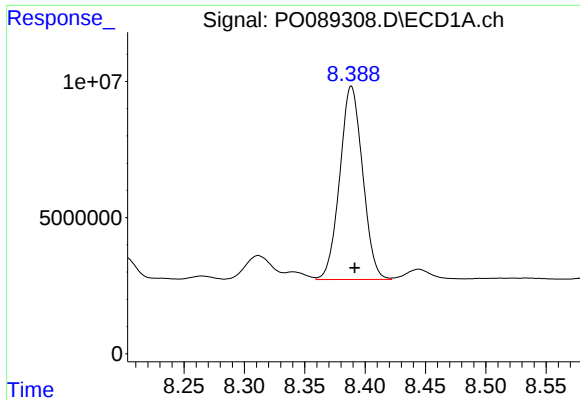
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 41499979
Conc: 275.01 ng/ml



#36 AR-1262-1

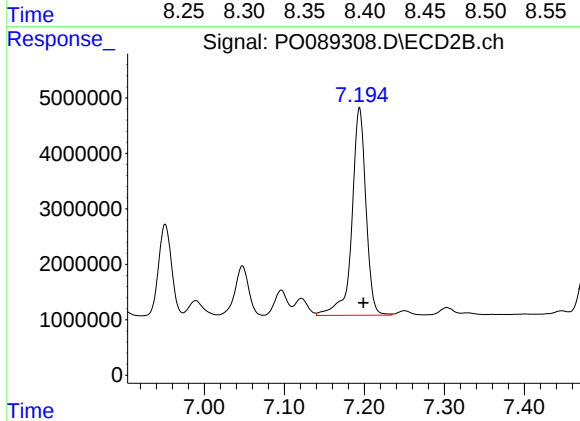
R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 10244143
Conc: 361.82 ng/ml



#37 AR-1262-2

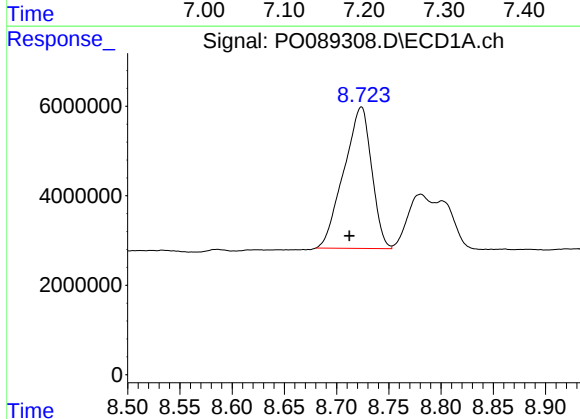
R.T.: 8.389 min
Delta R.T.: -0.003 min
Response: 93573593
Conc: 367.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



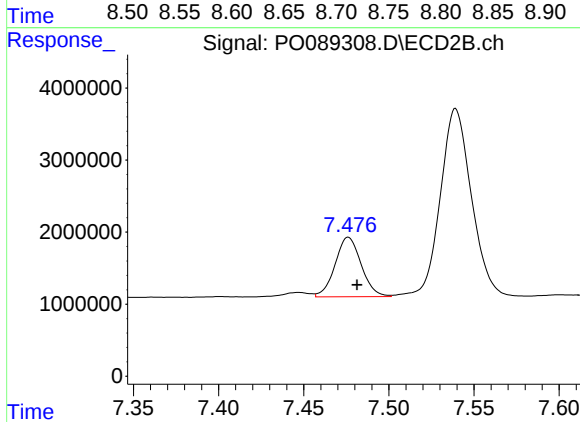
#37 AR-1262-2

R.T.: 7.194 min
Delta R.T.: -0.005 min
Response: 45666335
Conc: 378.68 ng/ml



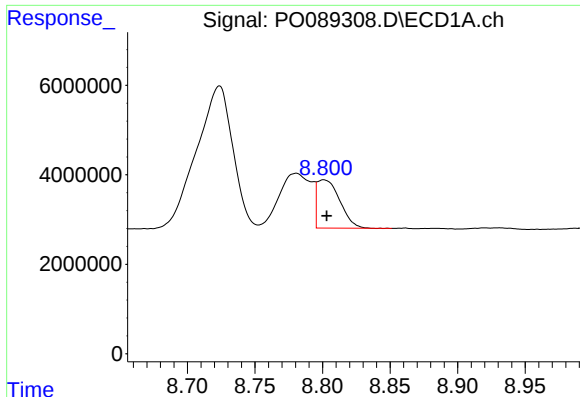
#38 AR-1262-3

R.T.: 8.724 min
Delta R.T.: 0.011 min
Response: 58498105
Conc: 342.14 ng/ml



#38 AR-1262-3

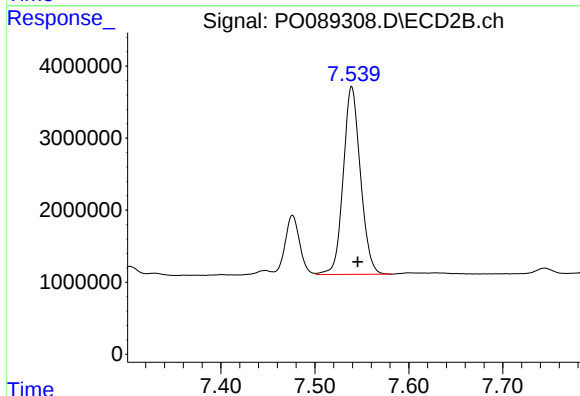
R.T.: 7.476 min
Delta R.T.: -0.005 min
Response: 8808526
Conc: 182.89 ng/ml



#39 AR-1262-4

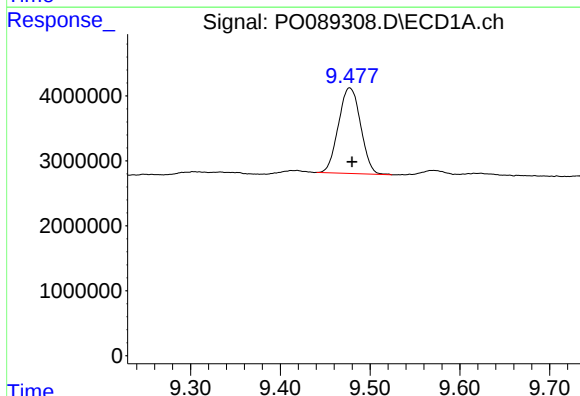
R.T.: 8.801 min
Delta R.T.: -0.002 min
Response: 12634530
Conc: 180.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



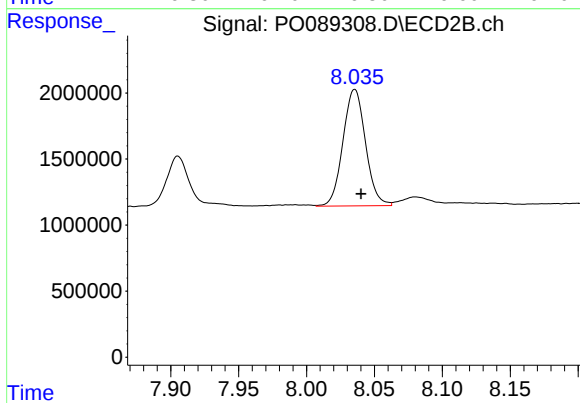
#39 AR-1262-4

R.T.: 7.539 min
Delta R.T.: -0.006 min
Response: 33104164
Conc: 370.36 ng/ml



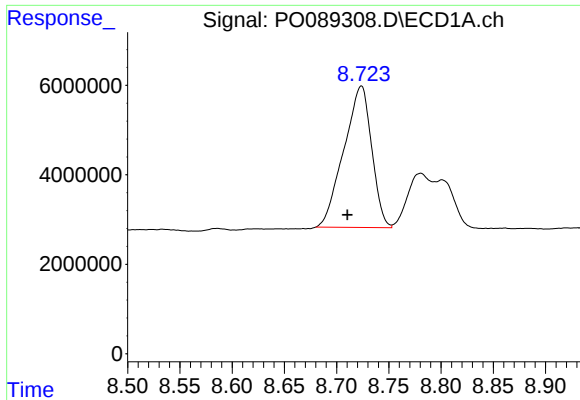
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: -0.003 min
Response: 22546208
Conc: 237.70 ng/ml



#40 AR-1262-5

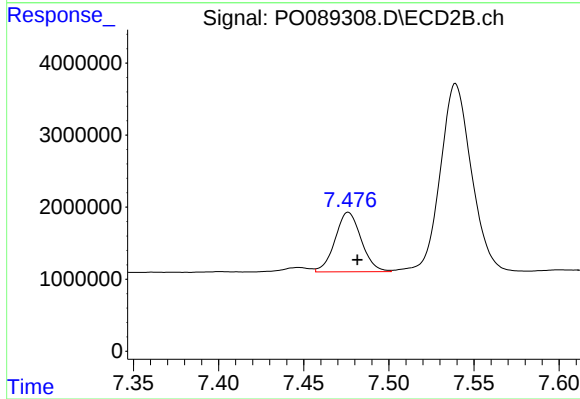
R.T.: 8.036 min
Delta R.T.: -0.005 min
Response: 10224547
Conc: 249.32 ng/ml



#41 AR-1268-1

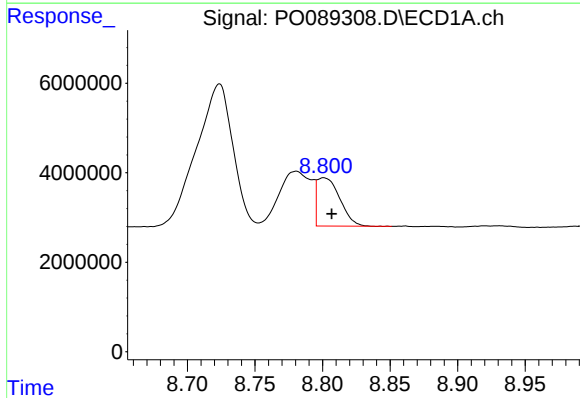
R.T.: 8.724 min
Delta R.T.: 0.013 min
Response: 58498105
Conc: 202.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



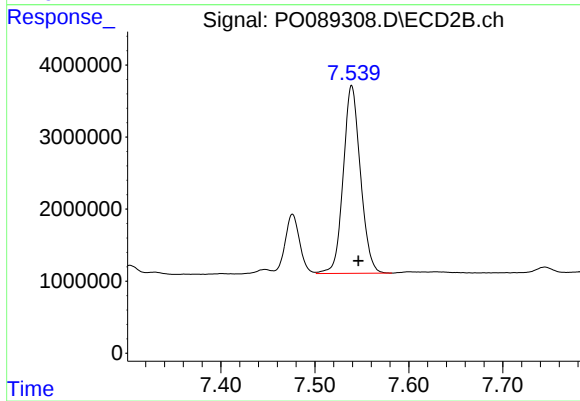
#41 AR-1268-1

R.T.: 7.476 min
Delta R.T.: -0.005 min
Response: 8808526
Conc: 61.59 ng/ml



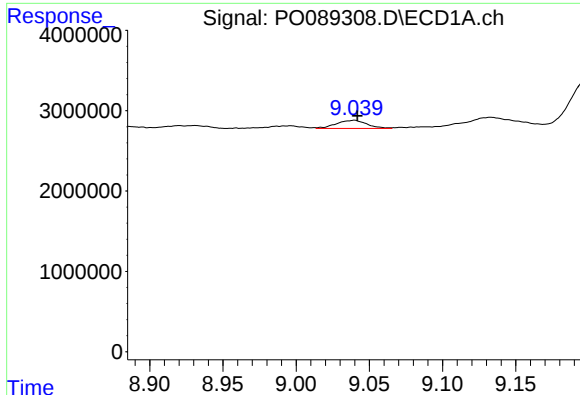
#42 AR-1268-2

R.T.: 8.801 min
Delta R.T.: -0.006 min
Response: 12634530
Conc: 47.23 ng/ml



#42 AR-1268-2

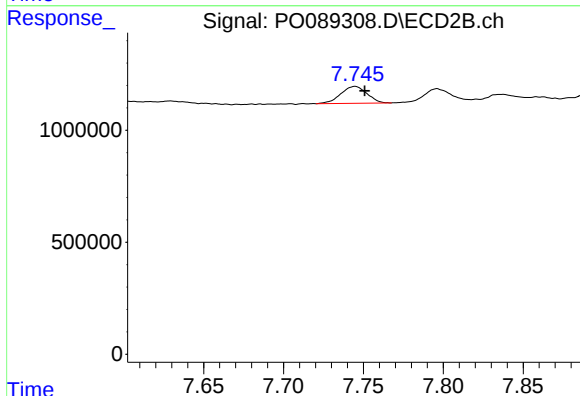
R.T.: 7.539 min
Delta R.T.: -0.007 min
Response: 33104164
Conc: 257.49 ng/ml



#43 AR-1268-3

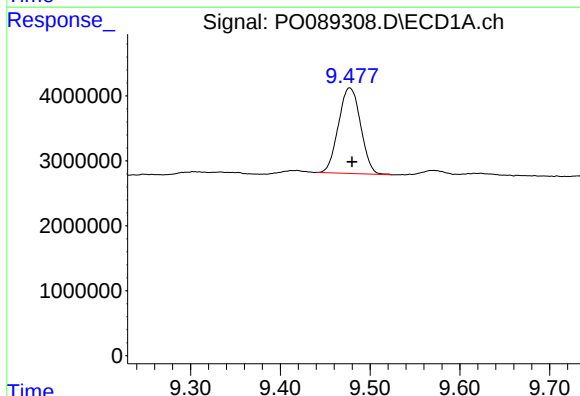
R.T.: 9.040 min
Delta R.T.: -0.002 min
Response: 1457523
Conc: 6.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



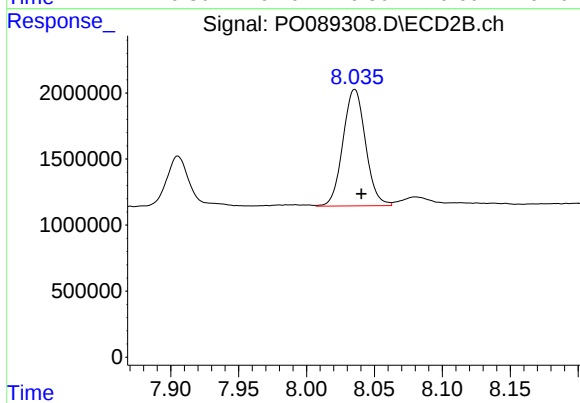
#43 AR-1268-3

R.T.: 7.745 min
Delta R.T.: -0.006 min
Response: 860078
Conc: 7.99 ng/ml



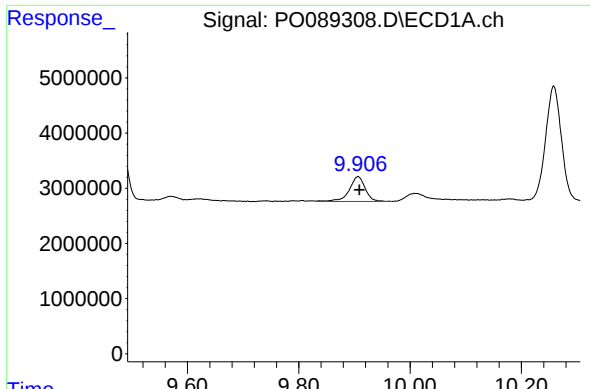
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: -0.002 min
Response: 22546208
Conc: 228.22 ng/ml



#44 AR-1268-4

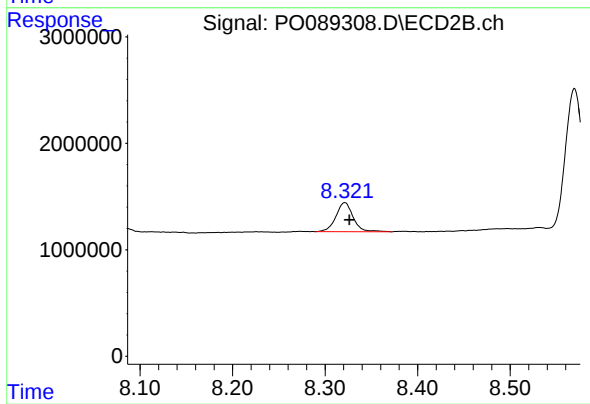
R.T.: 8.036 min
Delta R.T.: -0.005 min
Response: 10224547
Conc: 224.32 ng/ml



#45 AR-1268-5

R.T.: 9.906 min
Delta R.T.: -0.003 min
Response: 8974824
Conc: 12.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.321 min
Delta R.T.: -0.005 min
Response: 3560736
Conc: 10.90 ng/ml