

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO120722\
 Data File : PO091122.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2022 10:20
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 00:02:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 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...	4.298	3.476	160.9E6	51073725	47.600	48.662
2)	SA Decachlor...	10.046	8.477	111.0E6	47213969	41.778	48.631
Target Compounds							
3)	L1 AR-1016-1	5.474	4.561	53001846	18420724	470.990	499.857
4)	L1 AR-1016-2	5.497	4.579	75726966	25595295	465.787	496.714
5)	L1 AR-1016-3	5.559	4.754	47781787	14105306	458.296	518.283
6)	L1 AR-1016-4	5.658	4.798	38079742	12021686	469.932	520.071
7)	L1 AR-1016-5	5.955	5.011	38103851	15124799	434.506	512.763
8)	L2 AR-1221-1	4.504	3.688	5859013	1946712	143.418	147.698
9)	L2 AR-1221-2	4.596	3.774	8301330	2818864	273.686	283.509
10)	L2 AR-1221-3	4.672	3.850	30381787	10305470	330.235	331.819
11)	L3 AR-1232-1	4.672	3.850	30381787	10305470	422.256	431.317
12)	L3 AR-1232-2	5.204	4.579	41906465	25595295	967.297	1059.800
13)	L3 AR-1232-3	5.497	4.754	75726966	14105306	1013.464	1114.199
14)	L3 AR-1232-4	5.658	4.840	38079742	14766867	1016.101	1221.652
15)	L3 AR-1232-5	5.751	5.011	32759769	15124799	1095.512	1118.270
16)	L4 AR-1242-1	5.474	4.561	53001846	18420724	593.810	634.396
17)	L4 AR-1242-2	5.497	4.579	75726966	25595295	596.422	634.959
18)	L4 AR-1242-3	5.559	4.754	47781787	14105306	573.195	674.485
19)	L4 AR-1242-4	5.658	4.840	38079742	14766867	599.437	646.700
20)	L4 AR-1242-5	6.400	5.364	5629636	12287040	82.388	435.477 #
21)	L5 AR-1248-1	5.474	4.561	53001846	18420724	744.062	783.001
22)	L5 AR-1248-2	5.751	4.798	32759769	12021686	309.028	367.187
23)	L5 AR-1248-3	5.955	4.840	38103851	14766867	323.788	435.090 #
24)	L5 AR-1248-4	6.360	5.011	5832681	15124799	47.696	379.046 #
25)	L5 AR-1248-5	6.400	5.404	5629636	1947070	49.083	54.319
26)	L6 AR-1254-1	6.335	5.364	29444872	12287040	234.450	209.652
27)	L6 AR-1254-2	6.555	5.513	30884826	11788297	163.795	220.878 #
28)	L6 AR-1254-3	6.923	5.933	16547969	20507750	88.285	251.716 #
29)	L6 AR-1254-4	7.211	6.148	10259891	2178948	74.272	44.534 #
30)	L6 AR-1254-5	7.632	6.566	89600373	38536668	583.987	516.962
31)	L7 AR-1260-1	7.089	6.049	66000403	28539989	430.231	492.900
32)	L7 AR-1260-2	7.348	6.238	75930075	33945240	435.022	497.104
33)	L7 AR-1260-3	7.710	6.391	50067294	31752640	440.447	484.085
34)	L7 AR-1260-4	7.936	6.865	60784368	23596617	448.564	494.067
35)	L7 AR-1260-5	8.253	7.110	107.3E6	52622004	422.616	484.048
36)	L8 AR-1262-1	7.710	6.606	50067294	24780992	274.025	329.698
37)	L8 AR-1262-2	8.253	7.110	107.3E6	52622004	347.019	413.372
38)	L8 AR-1262-3	8.573	7.394	72002721	11002346	333.958	208.783 #
39)	L8 AR-1262-4	8.649	7.457	15697228	38658933	157.697	407.037 #
40)	L8 AR-1262-5	9.300	7.954	28211455	12838250	244.403	281.492
41)	L9 AR-1268-1	8.573	7.394	72002721	11002346	195.534	73.760 #

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 Acq On : 07 Dec 2022 10:20
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

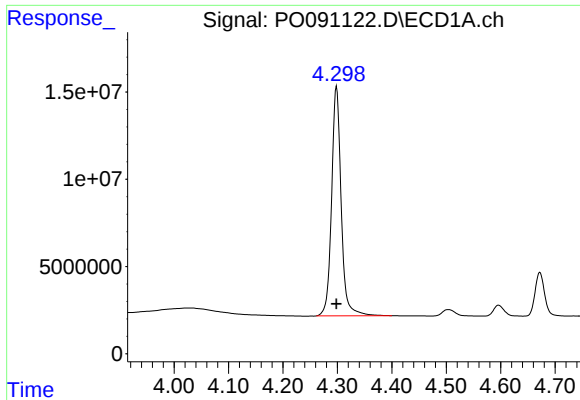
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 00:02:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
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 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	8.649	7.457	15697228	38658933	47.206	287.702 #
43) L9	AR-1268-3	8.877	7.665	1990372	994048	6.986	8.612
44) L9	AR-1268-4	9.300	7.954	28211455	12838250	228.539	260.232
45) L9	AR-1268-5	9.709	8.233	9140077	4545899	10.044	13.426 #

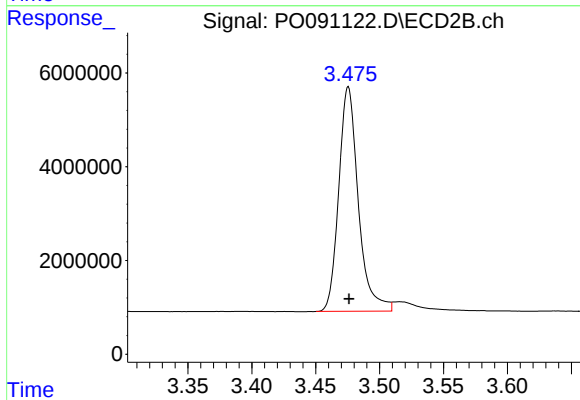
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

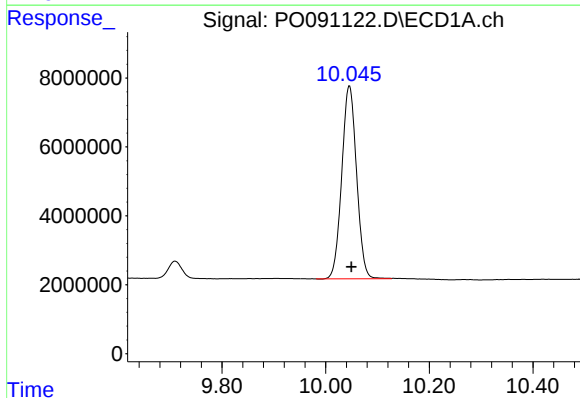
R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 160939530
Conc: 47.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



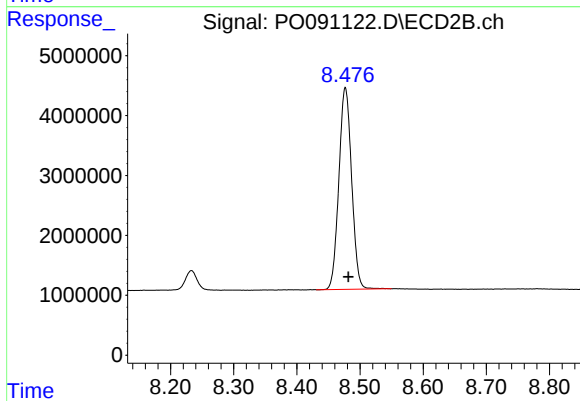
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 51073725
Conc: 48.66 ng/ml



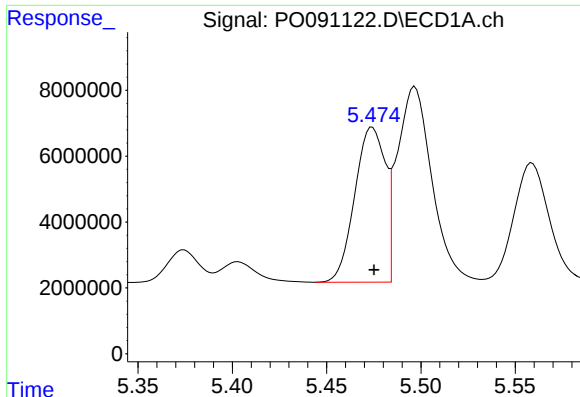
#2 Decachlorobiphenyl

R.T.: 10.046 min
Delta R.T.: -0.004 min
Response: 110969245
Conc: 41.78 ng/ml



#2 Decachlorobiphenyl

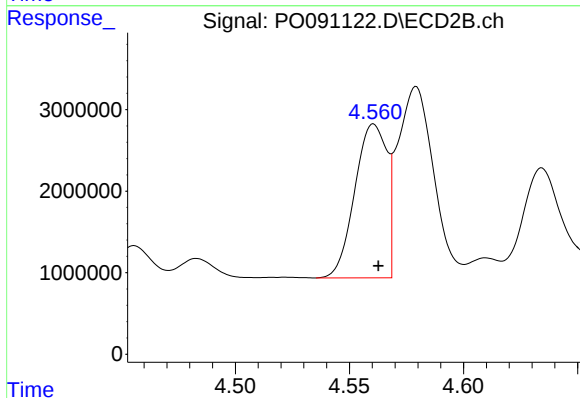
R.T.: 8.477 min
Delta R.T.: -0.005 min
Response: 47213969
Conc: 48.63 ng/ml



#3 AR-1016-1

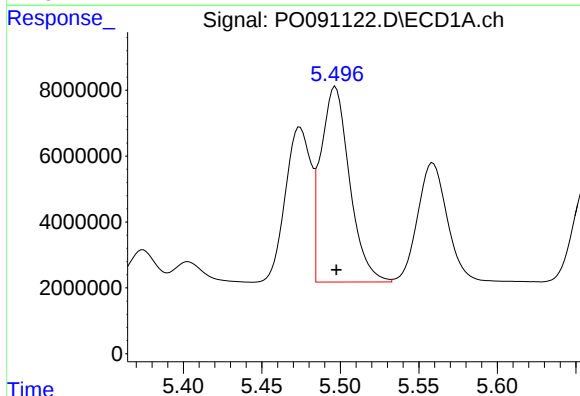
R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 53001846
Conc: 470.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



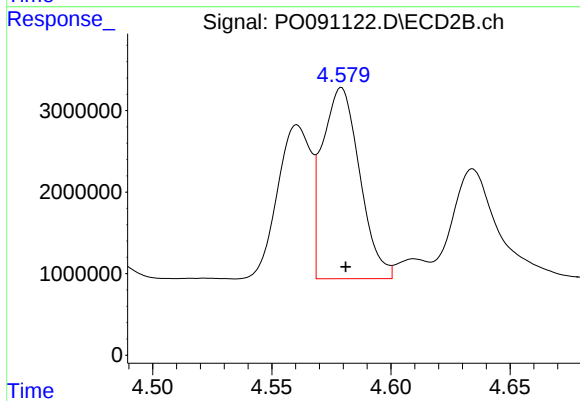
#3 AR-1016-1

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 18420724
Conc: 499.86 ng/ml



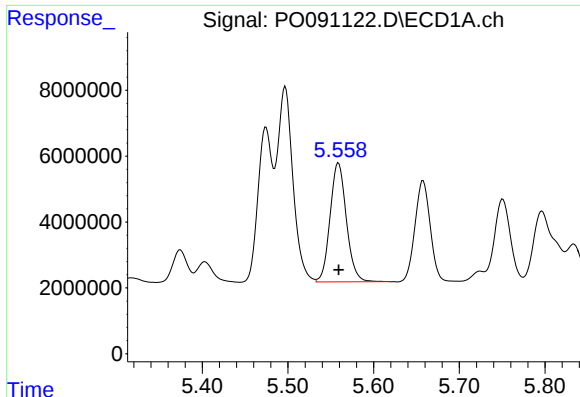
#4 AR-1016-2

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 75726966
Conc: 465.79 ng/ml



#4 AR-1016-2

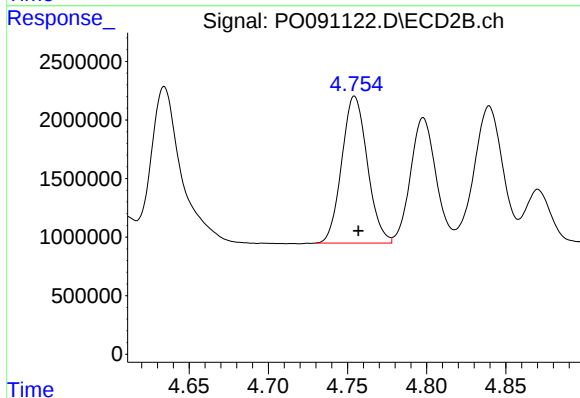
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 25595295
Conc: 496.71 ng/ml



#5 AR-1016-3

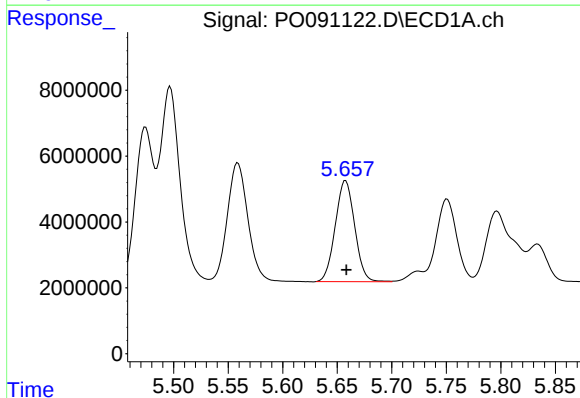
R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 47781787
Conc: 458.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



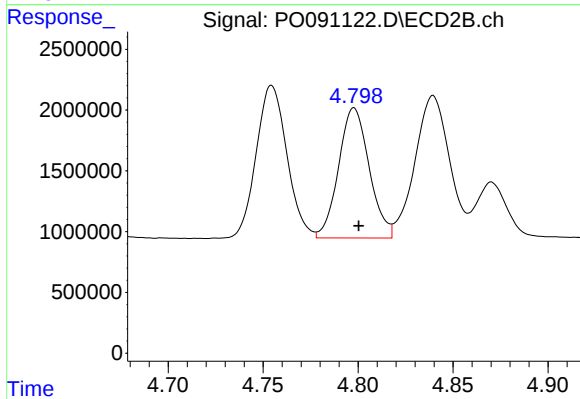
#5 AR-1016-3

R.T.: 4.754 min
Delta R.T.: -0.002 min
Response: 14105306
Conc: 518.28 ng/ml



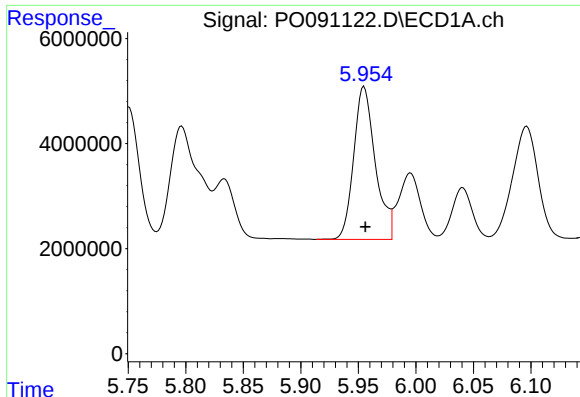
#6 AR-1016-4

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 38079742
Conc: 469.93 ng/ml



#6 AR-1016-4

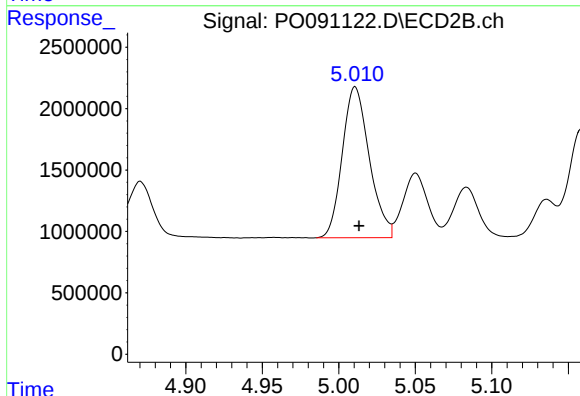
R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 12021686
Conc: 520.07 ng/ml



#7 AR-1016-5

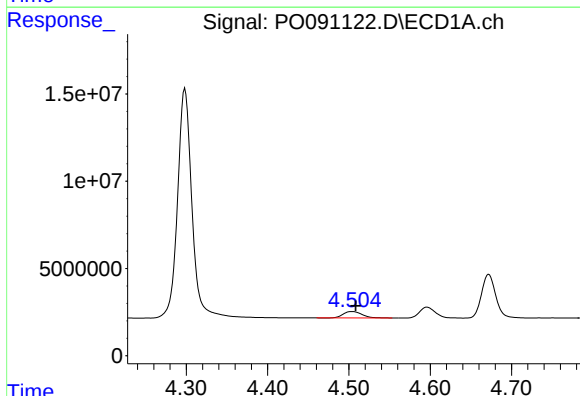
R.T.: 5.955 min
Delta R.T.: -0.001 min
Response: 38103851
Conc: 434.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



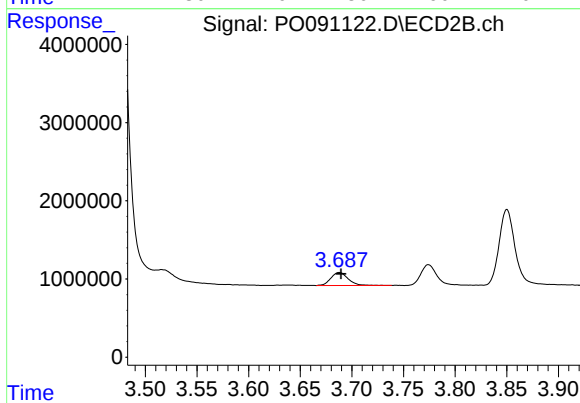
#7 AR-1016-5

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 15124799
Conc: 512.76 ng/ml



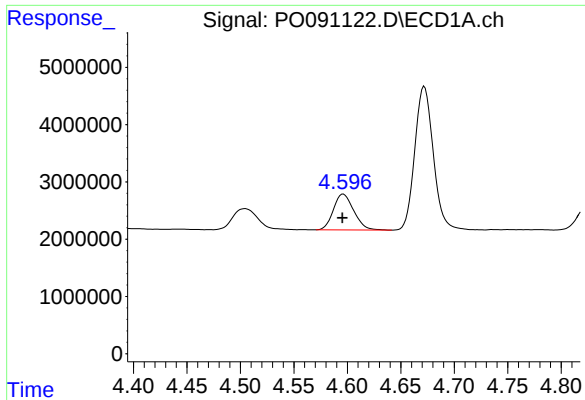
#8 AR-1221-1

R.T.: 4.504 min
Delta R.T.: -0.004 min
Response: 5859013
Conc: 143.42 ng/ml



#8 AR-1221-1

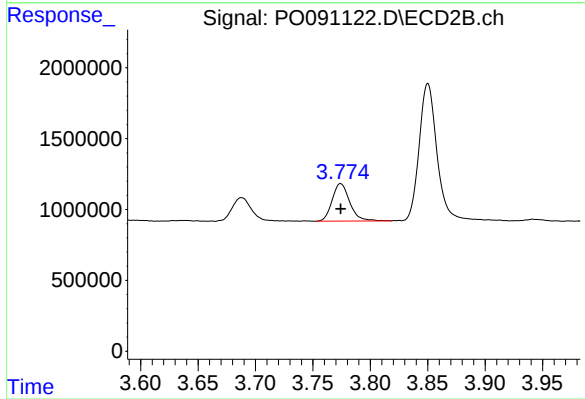
R.T.: 3.688 min
Delta R.T.: -0.002 min
Response: 1946712
Conc: 147.70 ng/ml



#9 AR-1221-2

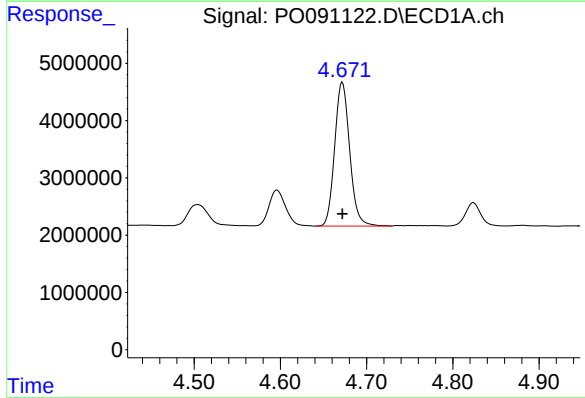
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 8301330
Conc: 273.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



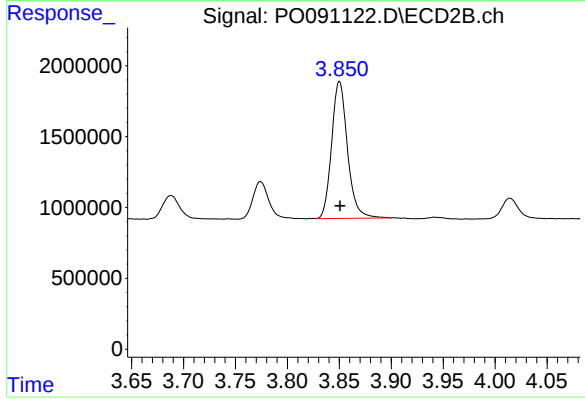
#9 AR-1221-2

R.T.: 3.774 min
Delta R.T.: 0.000 min
Response: 2818864
Conc: 283.51 ng/ml



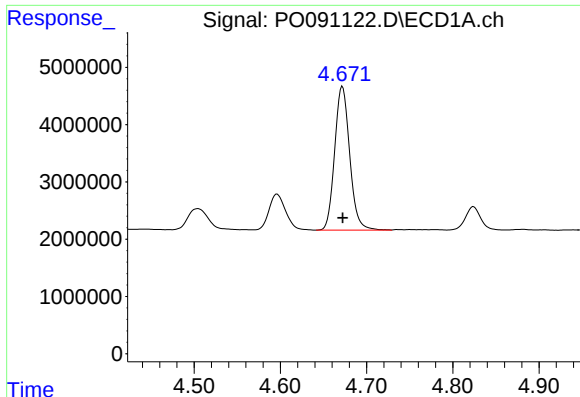
#10 AR-1221-3

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 30381787
Conc: 330.23 ng/ml



#10 AR-1221-3

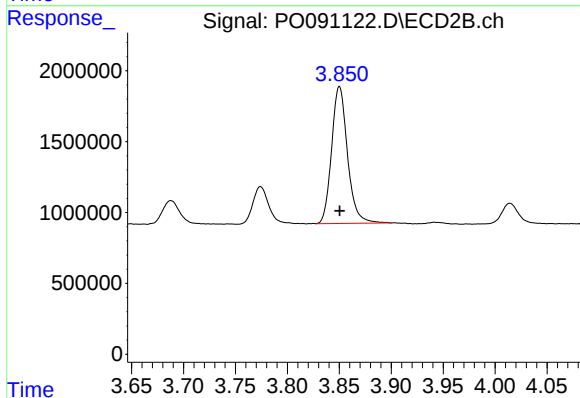
R.T.: 3.850 min
Delta R.T.: 0.000 min
Response: 10305470
Conc: 331.82 ng/ml



#11 AR-1232-1

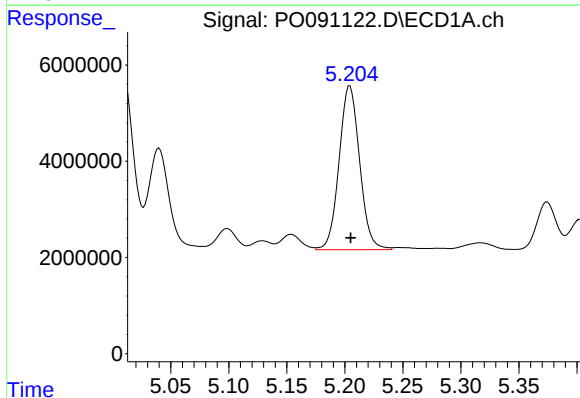
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 30381787
Conc: 422.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



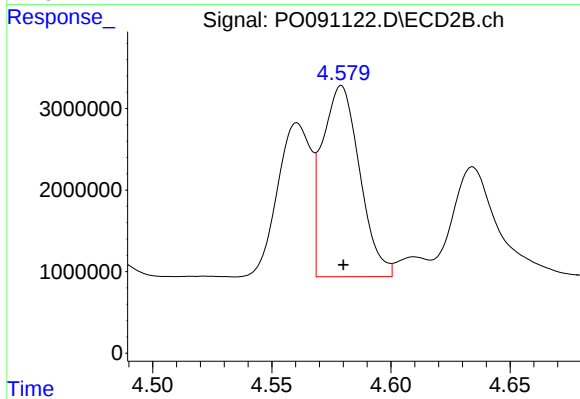
#11 AR-1232-1

R.T.: 3.850 min
Delta R.T.: 0.000 min
Response: 10305470
Conc: 431.32 ng/ml



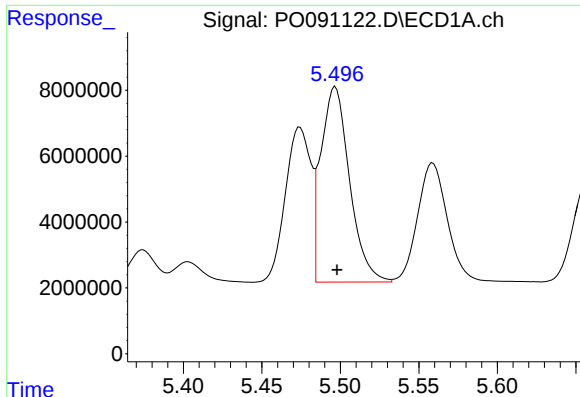
#12 AR-1232-2

R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 41906465
Conc: 967.30 ng/ml



#12 AR-1232-2

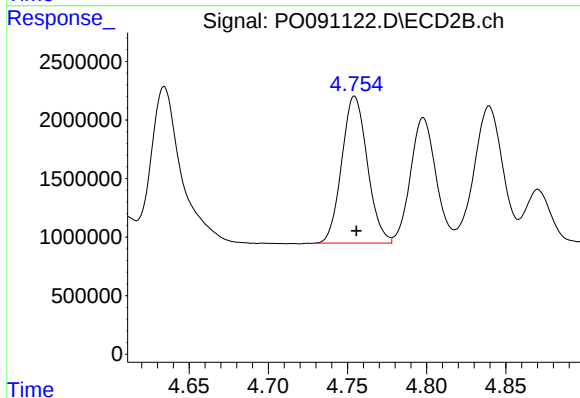
R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 25595295
Conc: 1059.80 ng/ml



#13 AR-1232-3

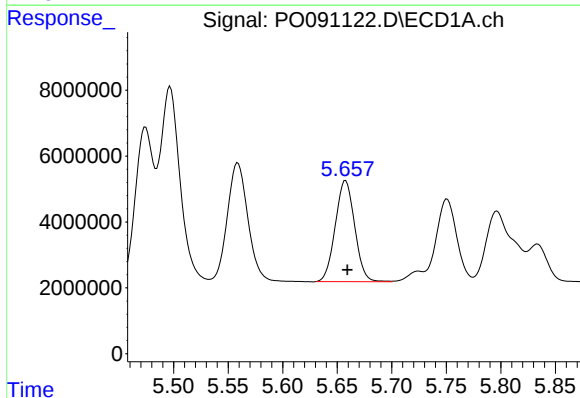
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 75726966
Conc: 1013.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



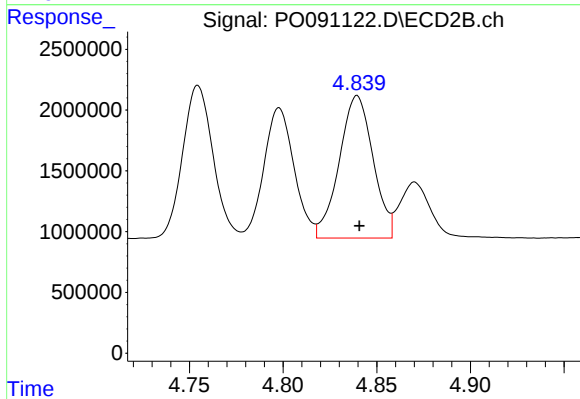
#13 AR-1232-3

R.T.: 4.754 min
Delta R.T.: -0.001 min
Response: 14105306
Conc: 1114.20 ng/ml



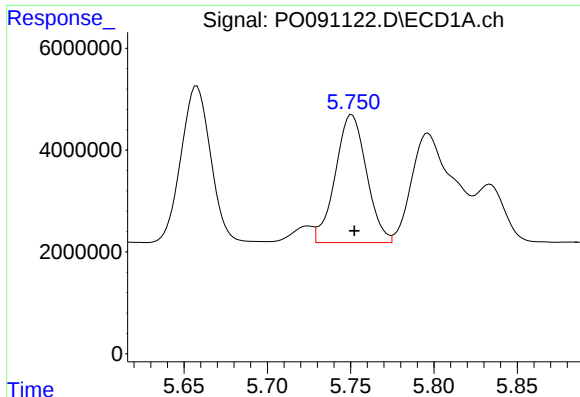
#14 AR-1232-4

R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 38079742
Conc: 1016.10 ng/ml



#14 AR-1232-4

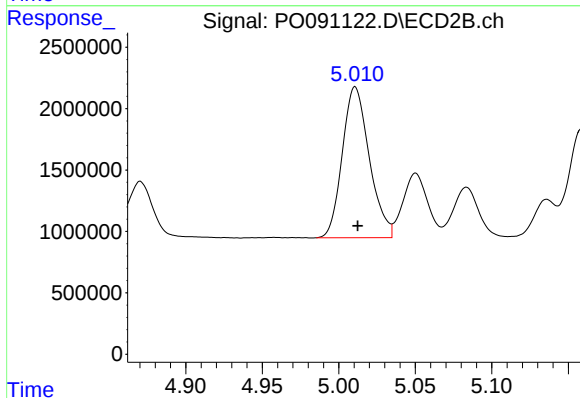
R.T.: 4.840 min
Delta R.T.: -0.001 min
Response: 14766867
Conc: 1221.65 ng/ml



#15 AR-1232-5

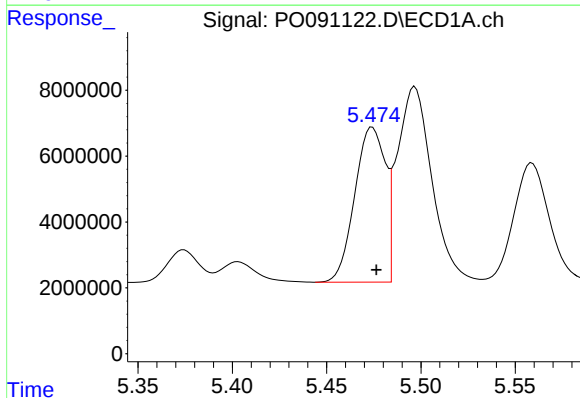
R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 32759769
Conc: 1095.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



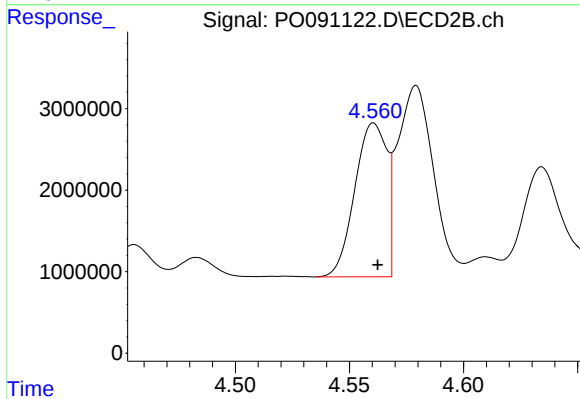
#15 AR-1232-5

R.T.: 5.011 min
Delta R.T.: -0.002 min
Response: 15124799
Conc: 1118.27 ng/ml



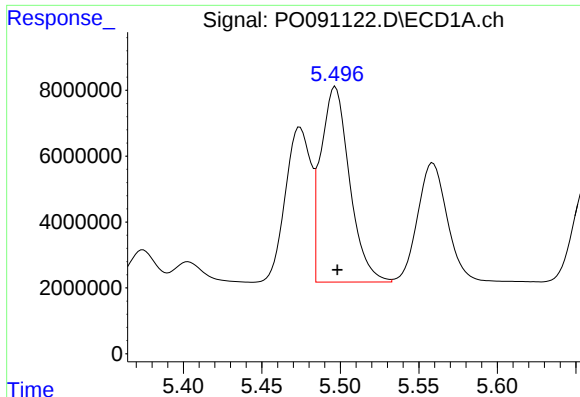
#16 AR-1242-1

R.T.: 5.474 min
Delta R.T.: -0.002 min
Response: 53001846
Conc: 593.81 ng/ml



#16 AR-1242-1

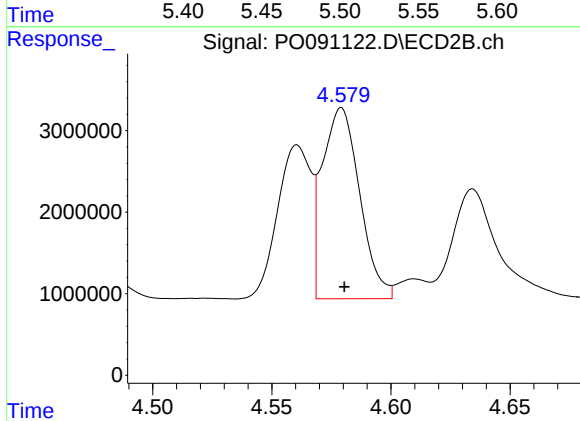
R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 18420724
Conc: 634.40 ng/ml



#17 AR-1242-2

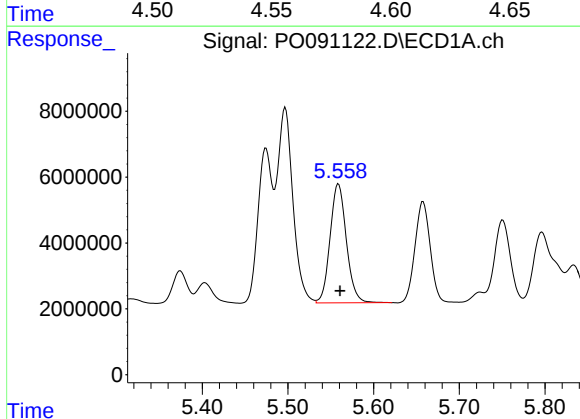
R.T.: 5.497 min
Delta R.T.: -0.001 min
Response: 75726966
Conc: 596.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



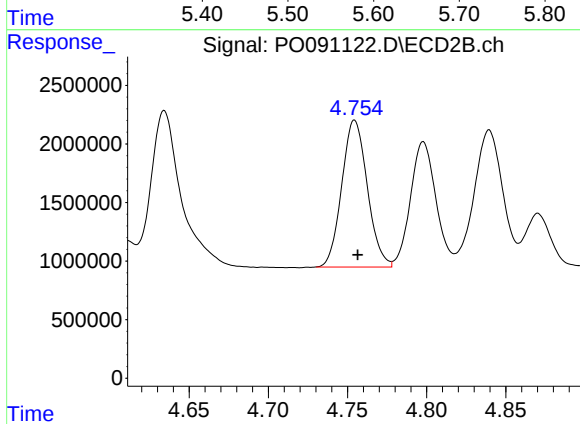
#17 AR-1242-2

R.T.: 4.579 min
Delta R.T.: -0.001 min
Response: 25595295
Conc: 634.96 ng/ml



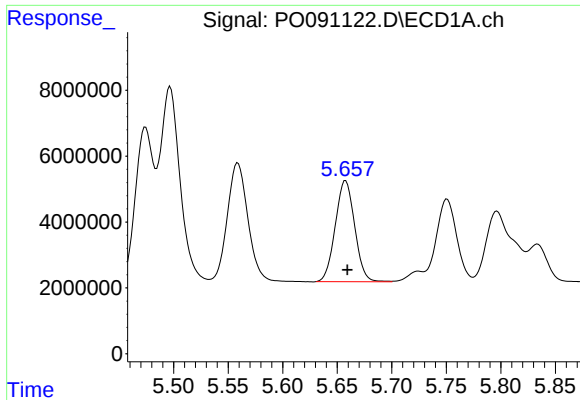
#18 AR-1242-3

R.T.: 5.559 min
Delta R.T.: -0.002 min
Response: 47781787
Conc: 573.20 ng/ml



#18 AR-1242-3

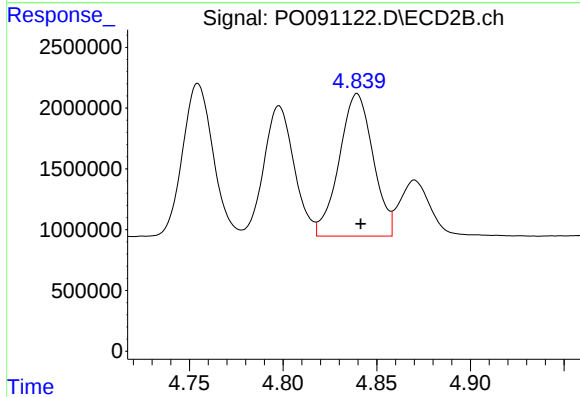
R.T.: 4.754 min
Delta R.T.: -0.002 min
Response: 14105306
Conc: 674.49 ng/ml



#19 AR-1242-4

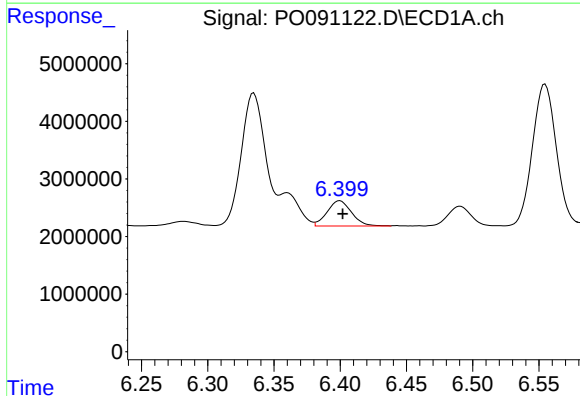
R.T.: 5.658 min
Delta R.T.: -0.002 min
Response: 38079742
Conc: 599.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



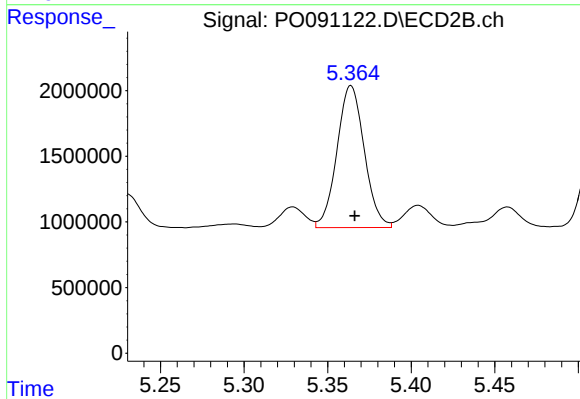
#19 AR-1242-4

R.T.: 4.840 min
Delta R.T.: -0.002 min
Response: 14766867
Conc: 646.70 ng/ml



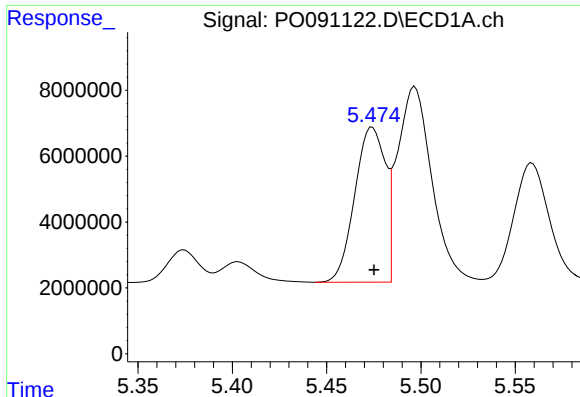
#20 AR-1242-5

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 5629636
Conc: 82.39 ng/ml



#20 AR-1242-5

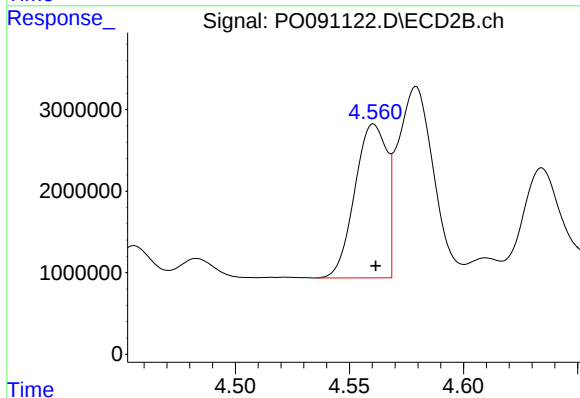
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 12287040
Conc: 435.48 ng/ml



#21 AR-1248-1

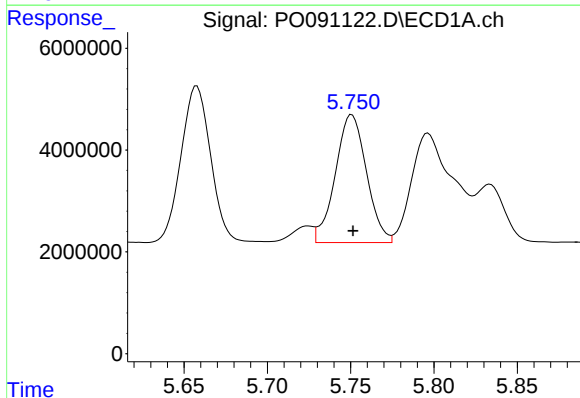
R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 53001846
Conc: 744.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



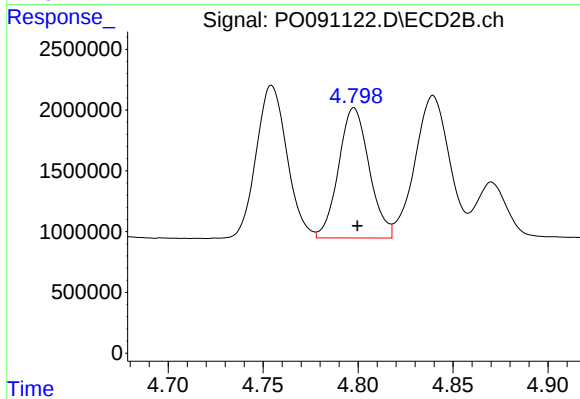
#21 AR-1248-1

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 18420724
Conc: 783.00 ng/ml



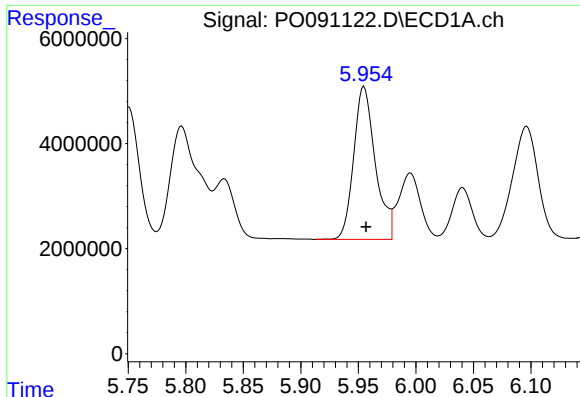
#22 AR-1248-2

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 32759769
Conc: 309.03 ng/ml



#22 AR-1248-2

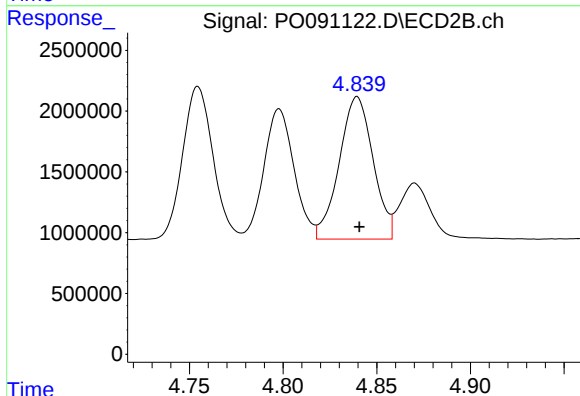
R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 12021686
Conc: 367.19 ng/ml



#23 AR-1248-3

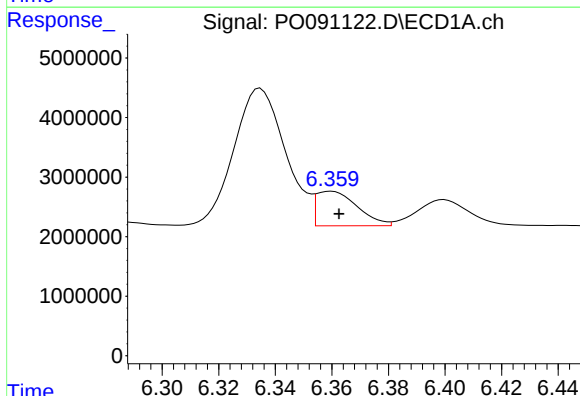
R.T.: 5.955 min
Delta R.T.: -0.002 min
Response: 38103851
Conc: 323.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



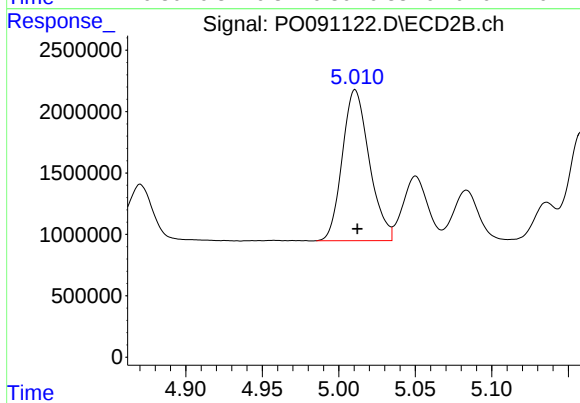
#23 AR-1248-3

R.T.: 4.840 min
Delta R.T.: -0.001 min
Response: 14766867
Conc: 435.09 ng/ml



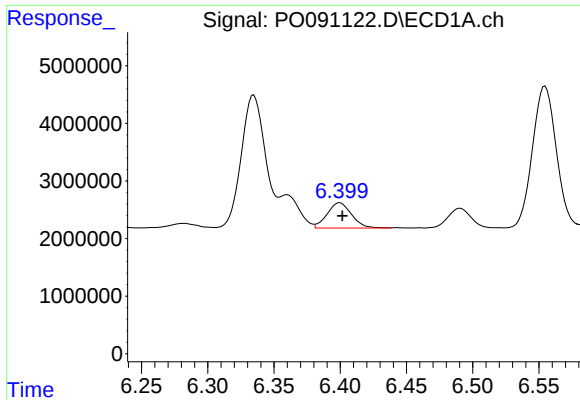
#24 AR-1248-4

R.T.: 6.360 min
Delta R.T.: -0.003 min
Response: 5832681
Conc: 47.70 ng/ml



#24 AR-1248-4

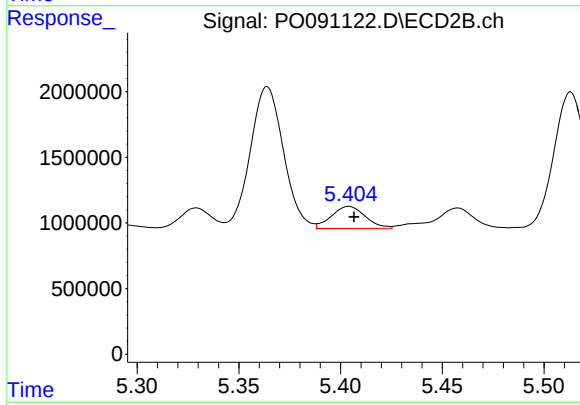
R.T.: 5.011 min
Delta R.T.: -0.001 min
Response: 15124799
Conc: 379.05 ng/ml



#25 AR-1248-5

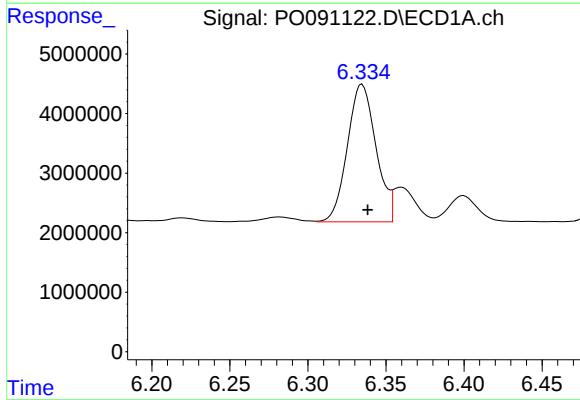
R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 5629636
Conc: 49.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



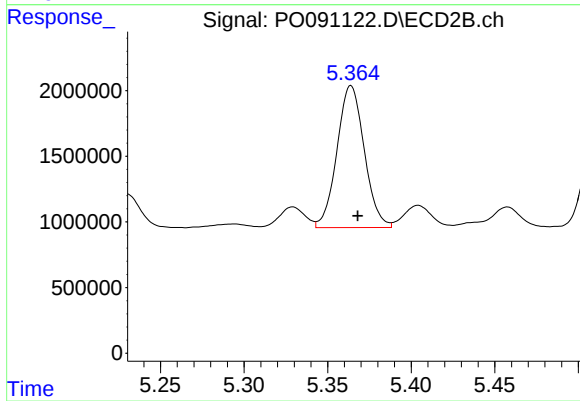
#25 AR-1248-5

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 1947070
Conc: 54.32 ng/ml



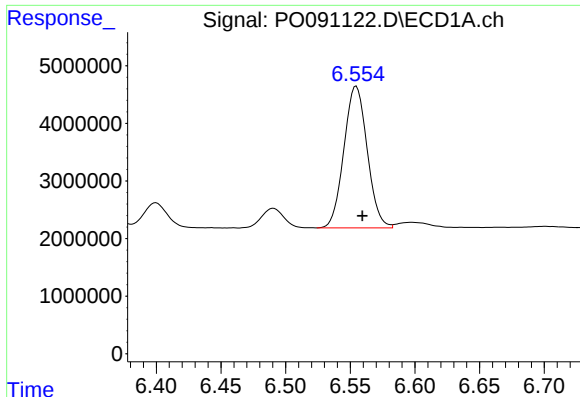
#26 AR-1254-1

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 29444872
Conc: 234.45 ng/ml



#26 AR-1254-1

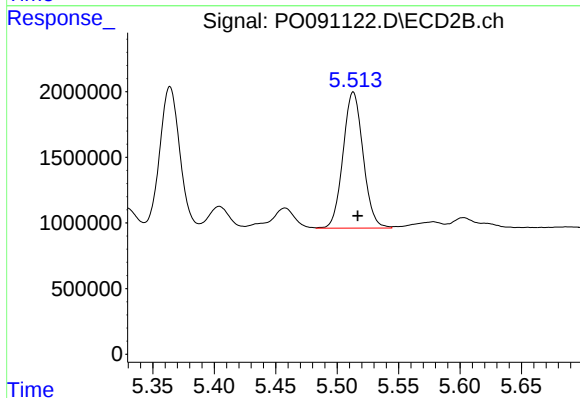
R.T.: 5.364 min
Delta R.T.: -0.004 min
Response: 12287040
Conc: 209.65 ng/ml



#27 AR-1254-2

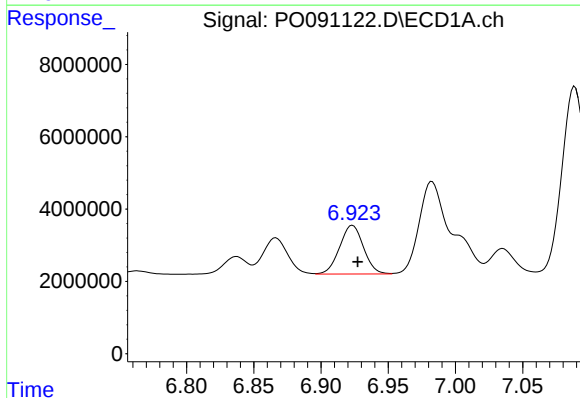
R.T.: 6.555 min
Delta R.T.: -0.005 min
Response: 30884826
Conc: 163.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



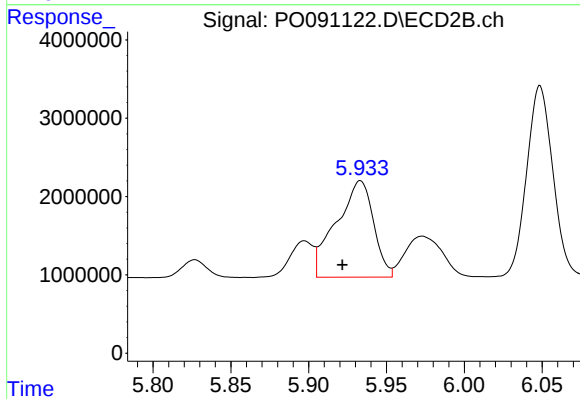
#27 AR-1254-2

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 11788297
Conc: 220.88 ng/ml



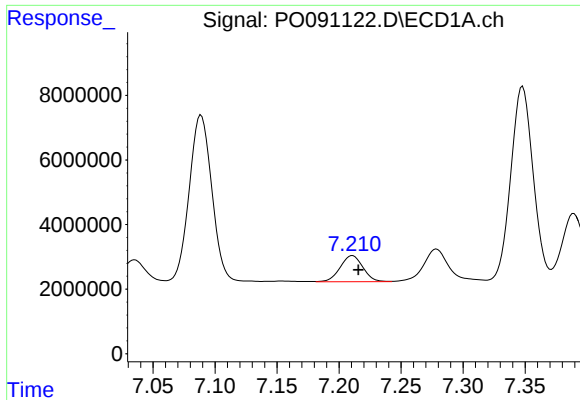
#28 AR-1254-3

R.T.: 6.923 min
Delta R.T.: -0.004 min
Response: 16547969
Conc: 88.29 ng/ml



#28 AR-1254-3

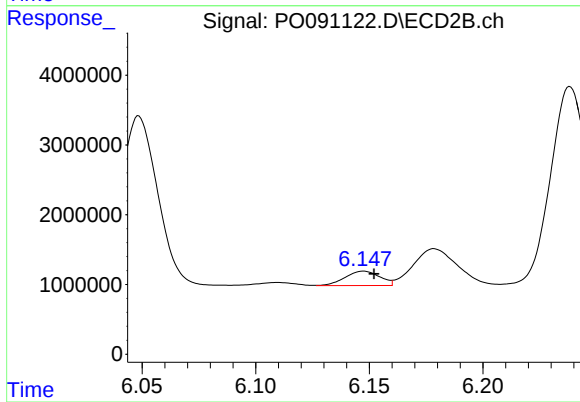
R.T.: 5.933 min
Delta R.T.: 0.012 min
Response: 20507750
Conc: 251.72 ng/ml



#29 AR-1254-4

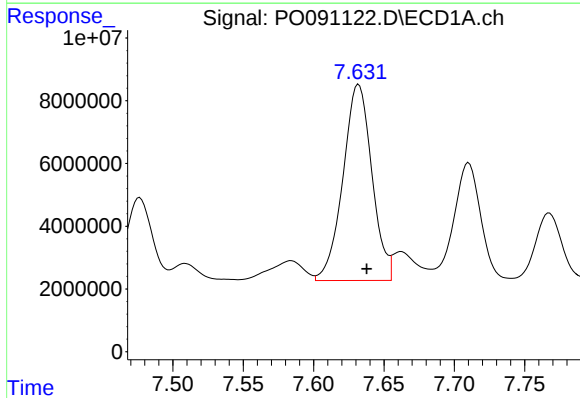
R.T.: 7.211 min
Delta R.T.: -0.005 min
Response: 10259891
Conc: 74.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



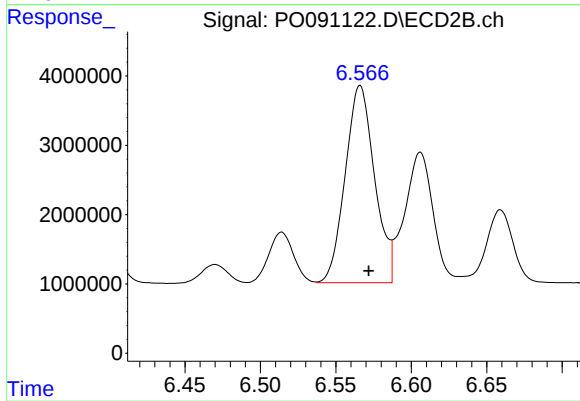
#29 AR-1254-4

R.T.: 6.148 min
Delta R.T.: -0.005 min
Response: 2178948
Conc: 44.53 ng/ml



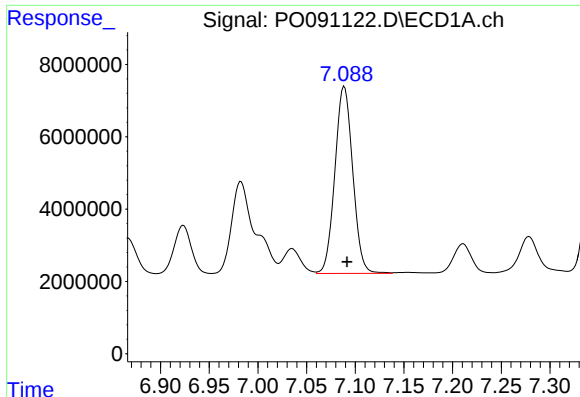
#30 AR-1254-5

R.T.: 7.632 min
Delta R.T.: -0.006 min
Response: 89600373
Conc: 583.99 ng/ml



#30 AR-1254-5

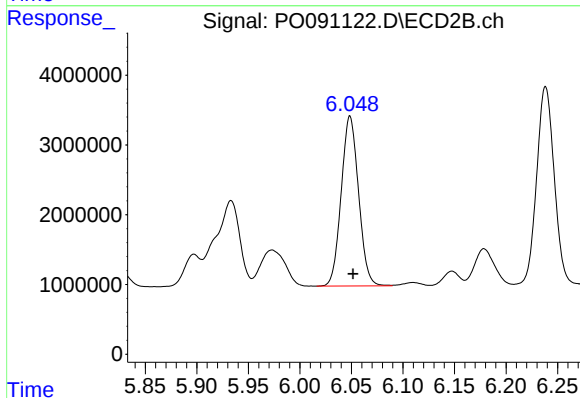
R.T.: 6.566 min
Delta R.T.: -0.006 min
Response: 38536668
Conc: 516.96 ng/ml



#31 AR-1260-1

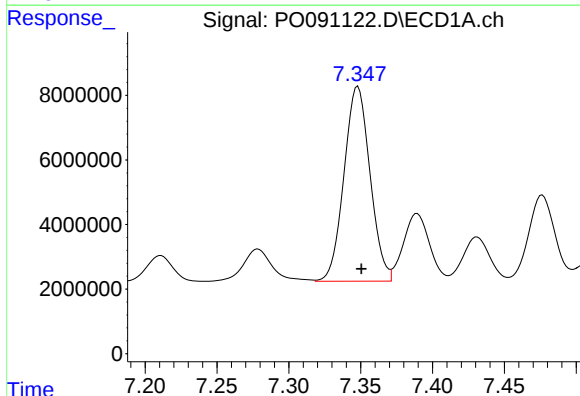
R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 66000403
Conc: 430.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



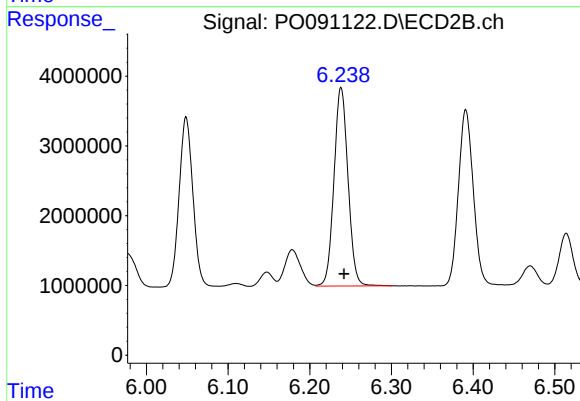
#31 AR-1260-1

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 28539989
Conc: 492.90 ng/ml



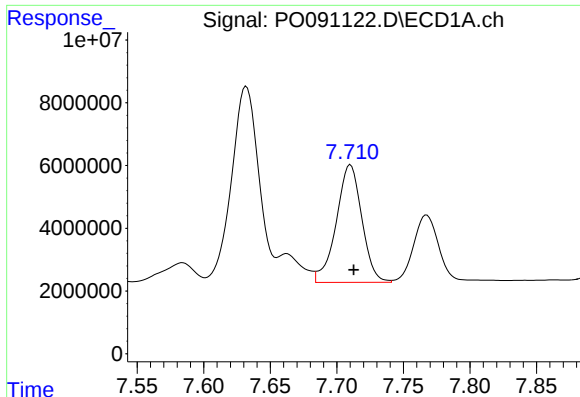
#32 AR-1260-2

R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 75930075
Conc: 435.02 ng/ml



#32 AR-1260-2

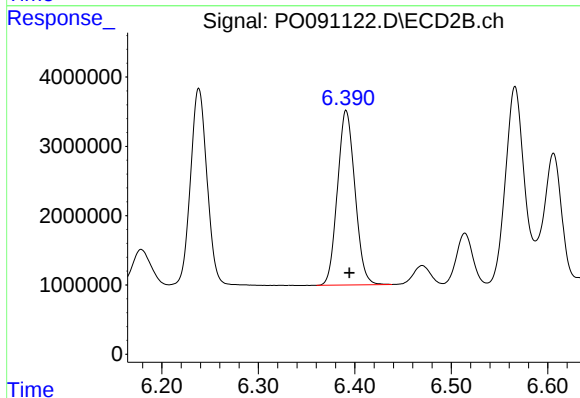
R.T.: 6.238 min
Delta R.T.: -0.004 min
Response: 33945240
Conc: 497.10 ng/ml



#33 AR-1260-3

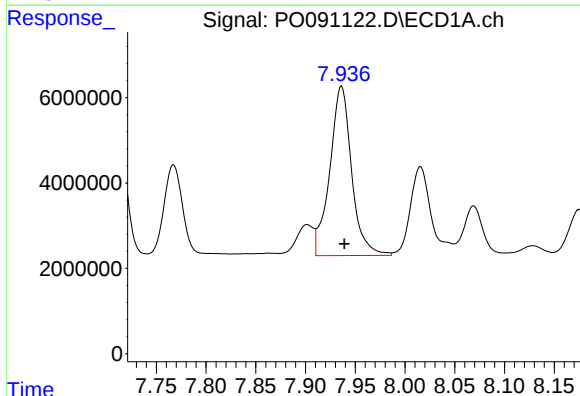
R.T.: 7.710 min
Delta R.T.: -0.003 min
Response: 50067294
Conc: 440.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



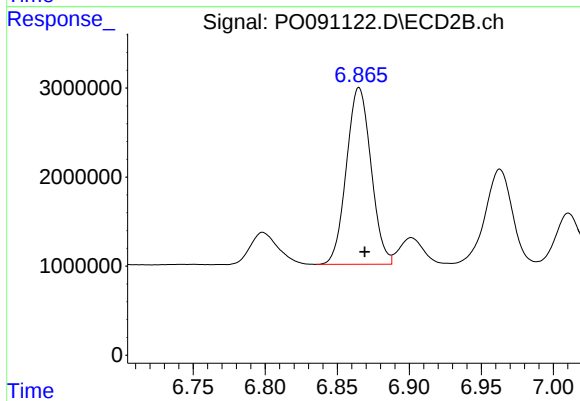
#33 AR-1260-3

R.T.: 6.391 min
Delta R.T.: -0.003 min
Response: 31752640
Conc: 484.08 ng/ml



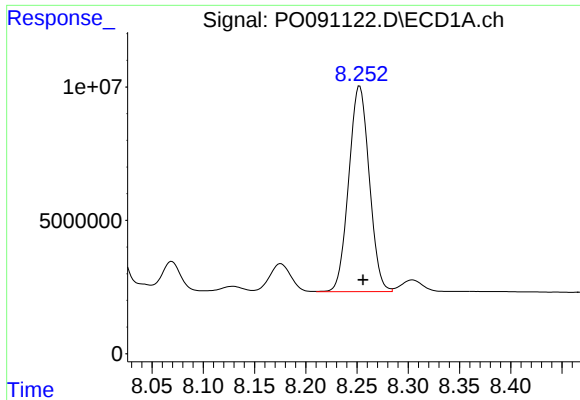
#34 AR-1260-4

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 60784368
Conc: 448.56 ng/ml



#34 AR-1260-4

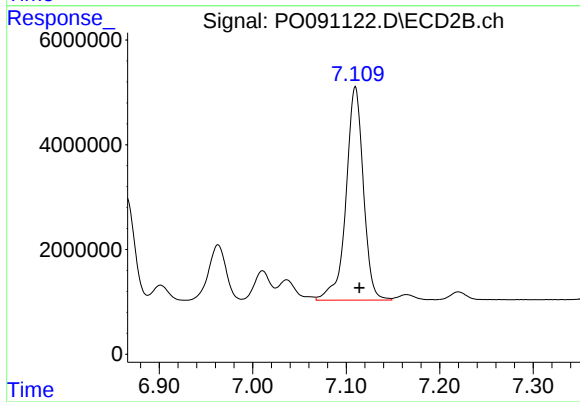
R.T.: 6.865 min
Delta R.T.: -0.004 min
Response: 23596617
Conc: 494.07 ng/ml



#35 AR-1260-5

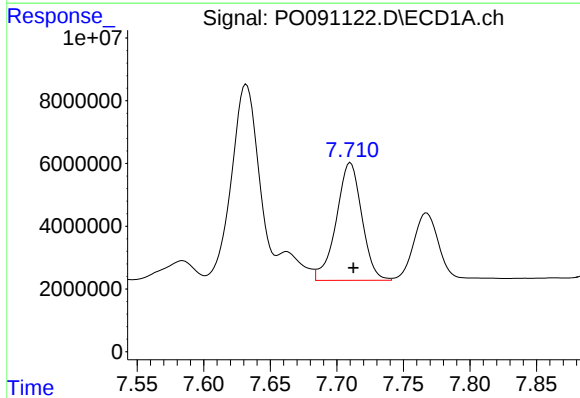
R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 107345341
Conc: 422.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



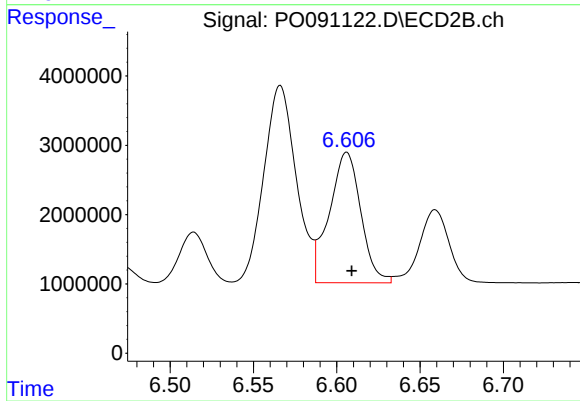
#35 AR-1260-5

R.T.: 7.110 min
Delta R.T.: -0.004 min
Response: 52622004
Conc: 484.05 ng/ml



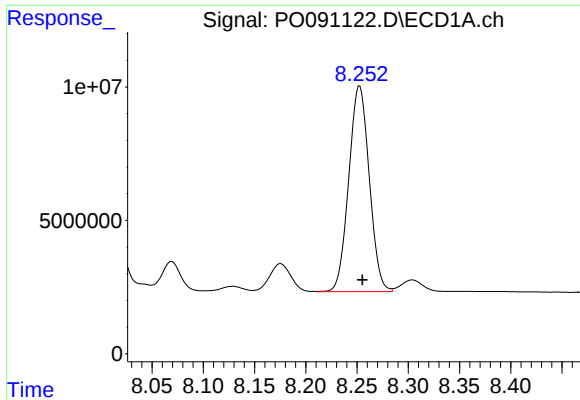
#36 AR-1262-1

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 50067294
Conc: 274.03 ng/ml



#36 AR-1262-1

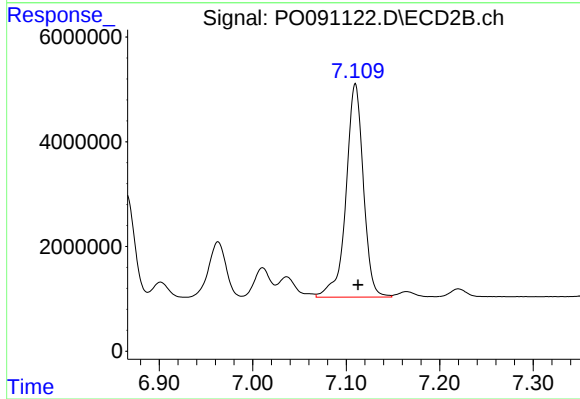
R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 24780992
Conc: 329.70 ng/ml



#37 AR-1262-2

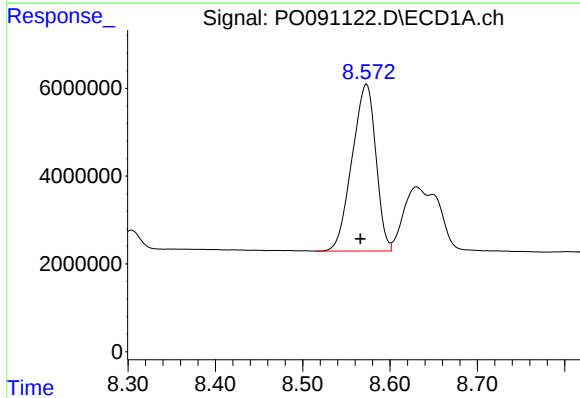
R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 107345341
Conc: 347.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



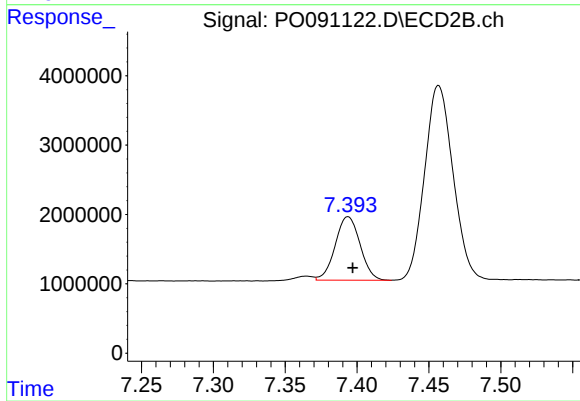
#37 AR-1262-2

R.T.: 7.110 min
Delta R.T.: -0.003 min
Response: 52622004
Conc: 413.37 ng/ml



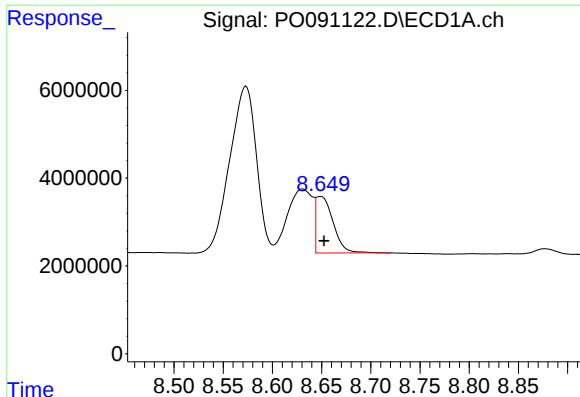
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.007 min
Response: 72002721
Conc: 333.96 ng/ml



#38 AR-1262-3

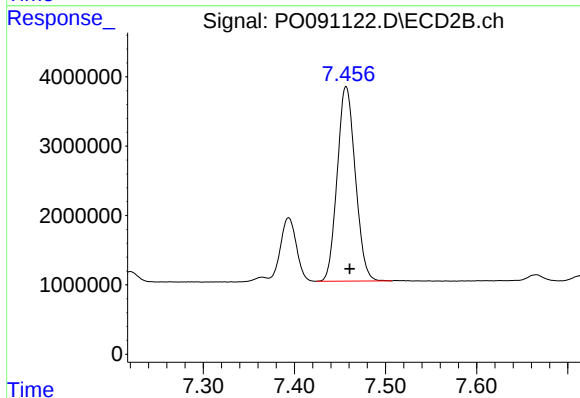
R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 11002346
Conc: 208.78 ng/ml



#39 AR-1262-4

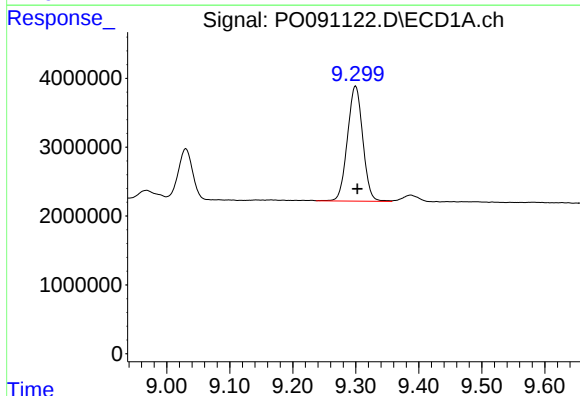
R.T.: 8.649 min
Delta R.T.: -0.003 min
Response: 15697228
Conc: 157.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



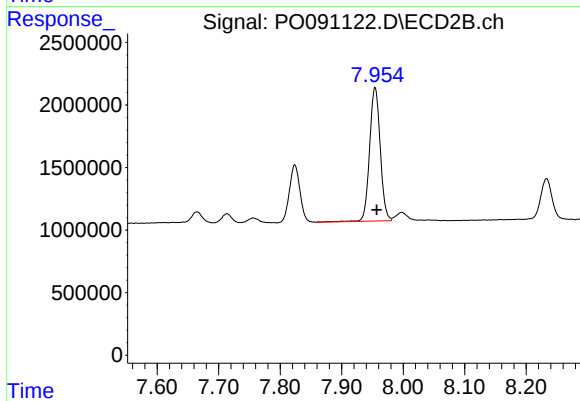
#39 AR-1262-4

R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 38658933
Conc: 407.04 ng/ml



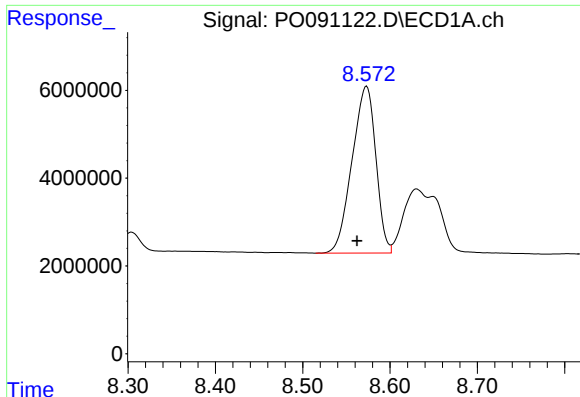
#40 AR-1262-5

R.T.: 9.300 min
Delta R.T.: -0.003 min
Response: 28211455
Conc: 244.40 ng/ml



#40 AR-1262-5

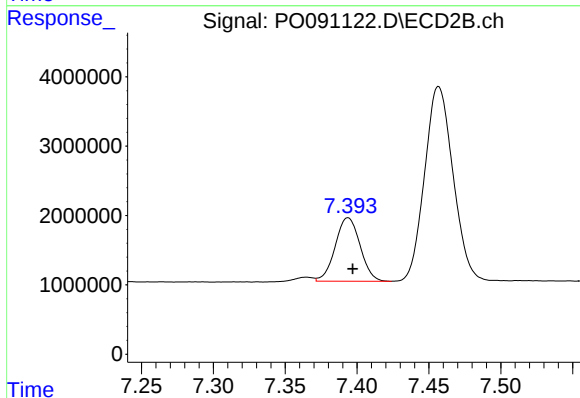
R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 12838250
Conc: 281.49 ng/ml



#41 AR-1268-1

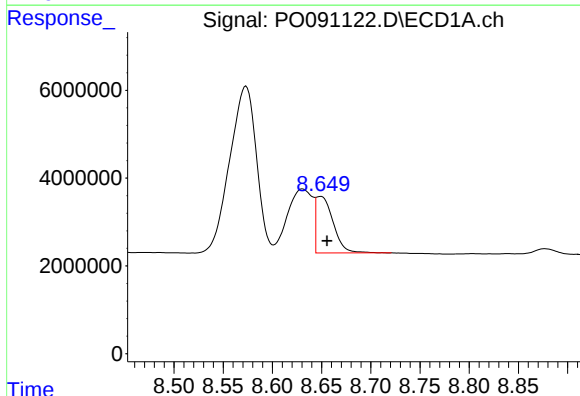
R.T.: 8.573 min
Delta R.T.: 0.011 min
Response: 72002721
Conc: 195.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



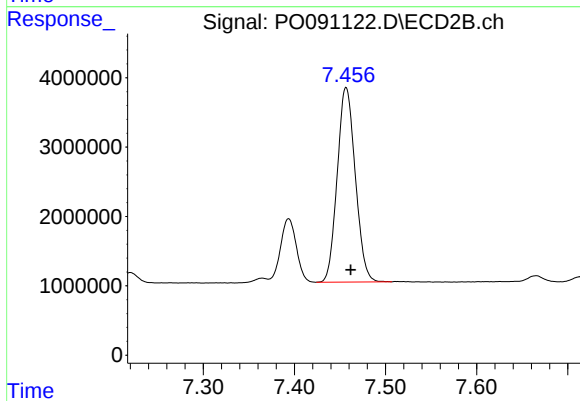
#41 AR-1268-1

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 11002346
Conc: 73.76 ng/ml



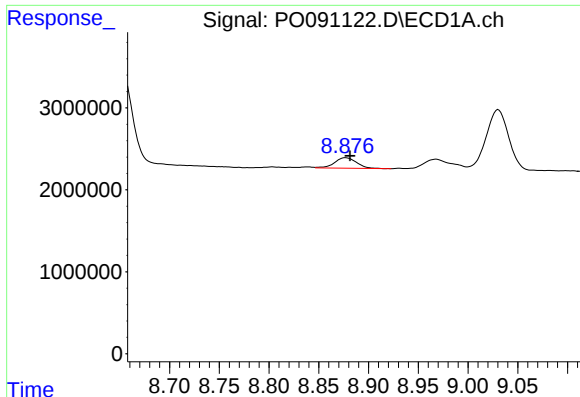
#42 AR-1268-2

R.T.: 8.649 min
Delta R.T.: -0.006 min
Response: 15697228
Conc: 47.21 ng/ml



#42 AR-1268-2

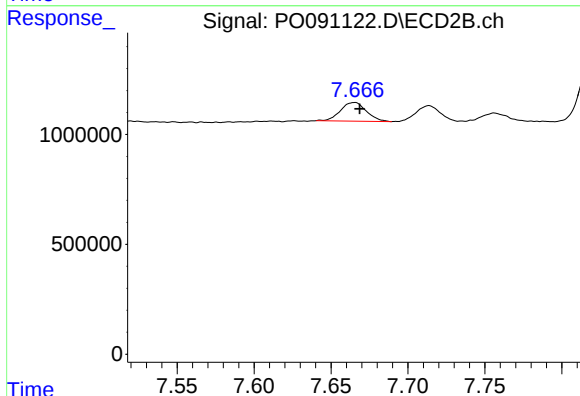
R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 38658933
Conc: 287.70 ng/ml



#43 AR-1268-3

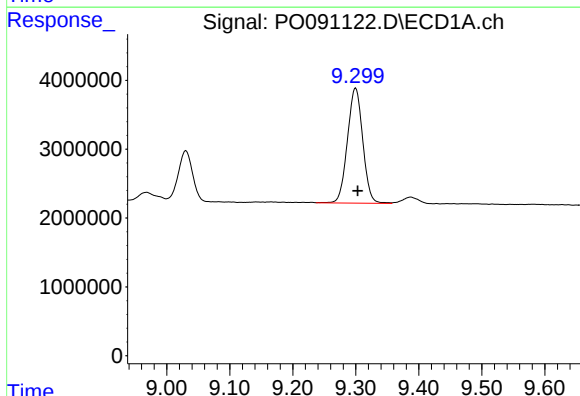
R.T.: 8.877 min
Delta R.T.: -0.004 min
Response: 1990372
Conc: 6.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



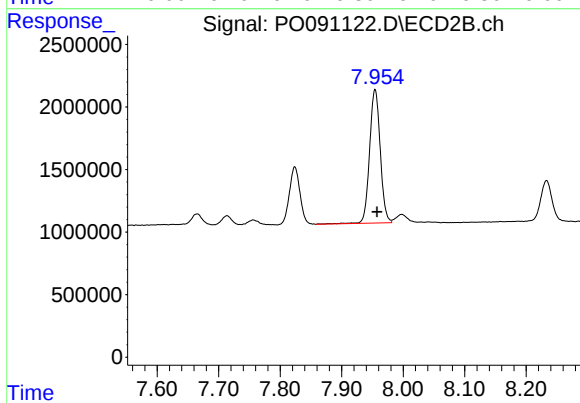
#43 AR-1268-3

R.T.: 7.665 min
Delta R.T.: -0.003 min
Response: 994048
Conc: 8.61 ng/ml



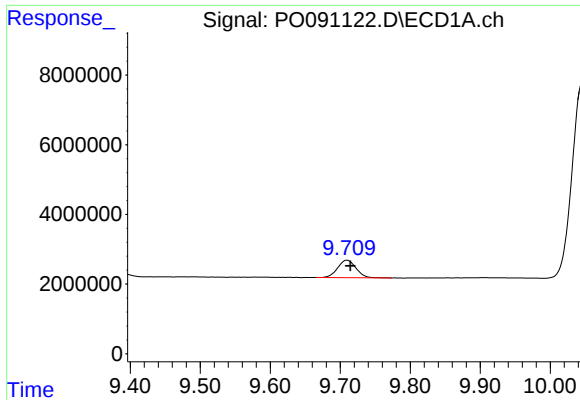
#44 AR-1268-4

R.T.: 9.300 min
Delta R.T.: -0.004 min
Response: 28211455
Conc: 228.54 ng/ml



#44 AR-1268-4

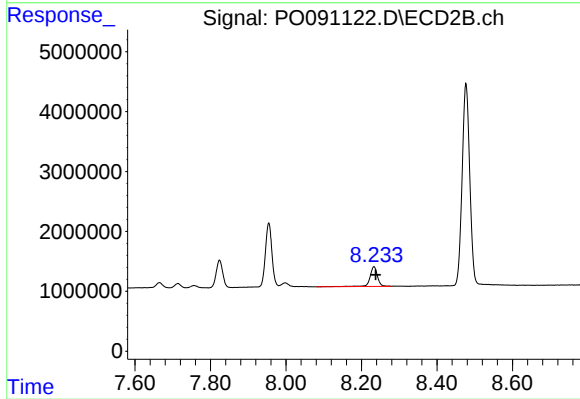
R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 12838250
Conc: 260.23 ng/ml



#45 AR-1268-5

R.T.: 9.709 min
Delta R.T.: -0.005 min
Response: 9140077
Conc: 10.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 4545899
Conc: 13.43 ng/ml