

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0021723\
 Data File : P0092641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2023 18:36
 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: Feb 19 03:35:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 04:40:59 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...	4.446	3.640	159.7E6	65457577	55.150	46.617
2)	SA Decachlor...	10.374	8.676	115.3E6	52042074	55.879	46.100
Target Compounds							
3)	L1 AR-1016-1	5.633	4.726	49046201	20733660	536.273	451.117
4)	L1 AR-1016-2	5.655	4.745	71214945	30134976	531.813	459.530
5)	L1 AR-1016-3	5.718	4.921	45412210	16617496	527.715	470.020
6)	L1 AR-1016-4	5.818	4.964	35424288	14100947	531.371	453.304
7)	L1 AR-1016-5	6.120	5.177	37232129	19673818	518.190	494.739
8)	L2 AR-1221-1	4.652	3.853	5945829	2578242	157.276	136.194
9)	L2 AR-1221-2	4.745	3.939	8472718	3474641	306.156	247.235
10)	L2 AR-1221-3	4.821	4.015	30701522	13106514	363.832	312.990
11)	L3 AR-1232-1	4.821	4.015	30701522	13106514	443.697	372.611
12)	L3 AR-1232-2	5.360	4.745	39760422	30134976	1138.002	983.035
13)	L3 AR-1232-3	5.655	4.921	71214945	16617496	1163.220	1032.168
14)	L3 AR-1232-4	5.818	5.006	35424288	17648652	1181.964	1080.523
15)	L3 AR-1232-5	5.912	5.177	31210083	19673818	1262.823	1099.909
16)	L4 AR-1242-1	5.633	4.726	49046201	20733660	628.889	531.593
17)	L4 AR-1242-2	5.655	4.745	71214945	30134976	632.659	554.856
18)	L4 AR-1242-3	5.718	4.921	45412210	16617496	625.575	570.574
19)	L4 AR-1242-4	5.818	5.006	35424288	17648652	639.722	548.675
20)	L4 AR-1242-5	6.571	5.530	9770857	18372350	175.036	507.499 #
21)	L5 AR-1248-1	5.633	4.726	49046201	20733660	844.977	711.703
22)	L5 AR-1248-2	5.912	4.964	31210083	14100947	341.528	312.540
23)	L5 AR-1248-3	6.120	5.006	37232129	17648652	379.634	378.404
24)	L5 AR-1248-4	6.532	5.177	11309471	19673818	115.510	366.161 #
25)	L5 AR-1248-5	6.571	5.571	9770857	4831097	103.637	102.047
26)	L6 AR-1254-1	6.505	5.530	29408672	18372350	265.624	234.372
27)	L6 AR-1254-2	6.729	5.678	28415703	13519301	174.807	195.392
28)	L6 AR-1254-3	7.103	6.099	13652571	25067410	82.778	234.856 #
29)	L6 AR-1254-4	7.396	6.313	9378889	2389615	85.742	40.575 #
30)	L6 AR-1254-5	7.824	6.733	94271288	42157955	670.021	463.195 #
31)	L7 AR-1260-1	7.272	6.215	70431300	36532453	534.560	483.620
32)	L7 AR-1260-2	7.537	6.403	77059989	42769289	519.669	488.157
33)	L7 AR-1260-3	7.906	6.558	59294104	38580649	523.506	445.045
34)	L7 AR-1260-4	8.136	7.032	65396269	31035136	527.538	463.435
35)	L7 AR-1260-5	8.471	7.276	120.2E6	67238112	541.434	472.509
36)	L8 AR-1262-1	7.824	6.733	94271288	42157955	872.478	908.385
37)	L8 AR-1262-2	8.471	7.276	120.2E6	67238112	503.646	455.733
38)	L8 AR-1262-3	8.805	7.562	79140917	16375004	468.163	262.013 #
39)	L8 AR-1262-4	8.874	7.625	53328554	48660877	524.188	444.146
40)	L8 AR-1262-5	9.580	8.123	37375096	19740876	417.926	383.123
41)	L9 AR-1268-1	8.805	7.562	79140917	16375004	250.175	89.992 #

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Acq On : 18 Feb 2023 18:36
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

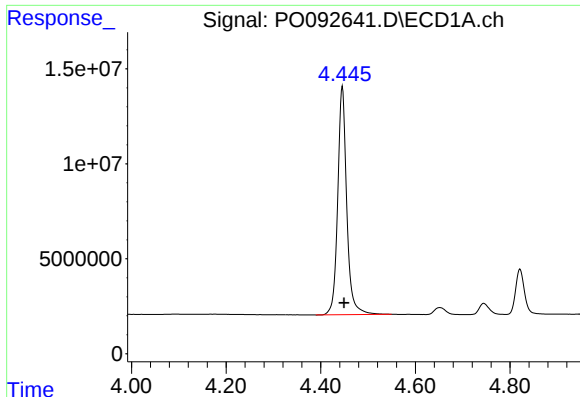
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 03:35:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012323.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 24 04:40:59 2023
Response via : Initial Calibration
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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	8.874	7.625	53328554	48660877	176.677	294.048 #
43)	L9 AR-1268-3	9.146	7.835	3695454	1511489	14.599	10.179 #
44)	L9 AR-1268-4	9.580	8.123	37375096	19740876	357.586	314.483
45)	L9 AR-1268-5	10.016	8.418	10027608	5025550	12.671	11.874

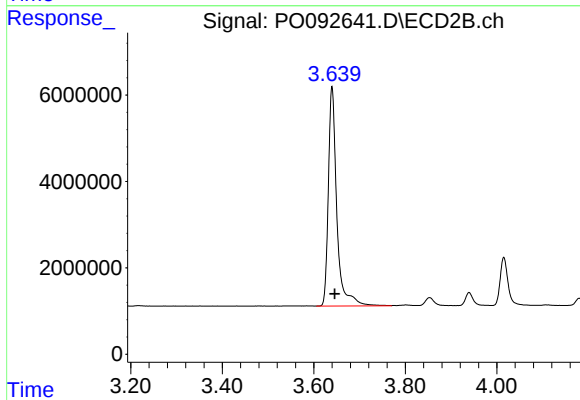
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

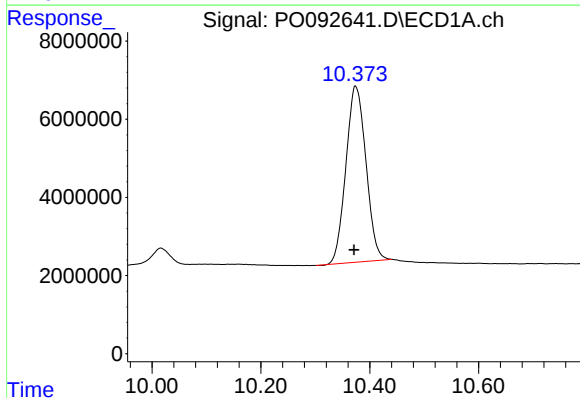
R.T.: 4.446 min
Delta R.T.: -0.003 min
Response: 159652795
Conc: 55.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



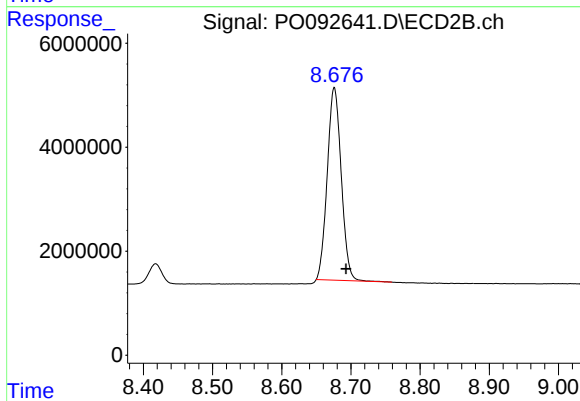
#1 Tetrachloro-m-xylene

R.T.: 3.640 min
Delta R.T.: -0.006 min
Response: 65457577
Conc: 46.62 ng/ml



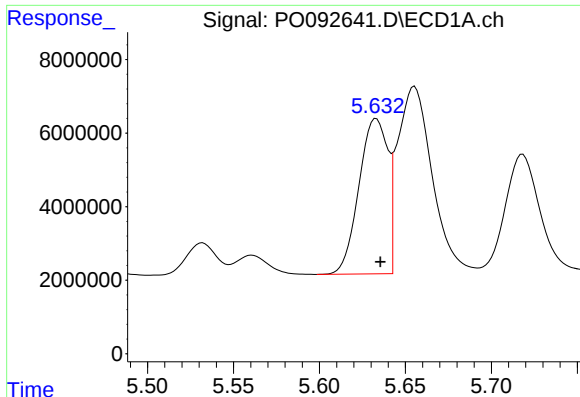
#2 Decachlorobiphenyl

R.T.: 10.374 min
Delta R.T.: 0.003 min
Response: 115330001
Conc: 55.88 ng/ml



#2 Decachlorobiphenyl

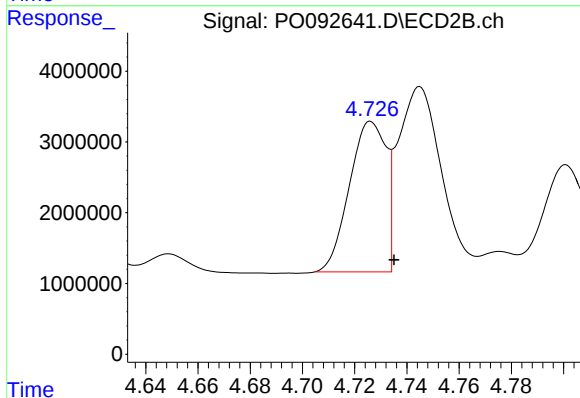
R.T.: 8.676 min
Delta R.T.: -0.017 min
Response: 52042074
Conc: 46.10 ng/ml



#3 AR-1016-1

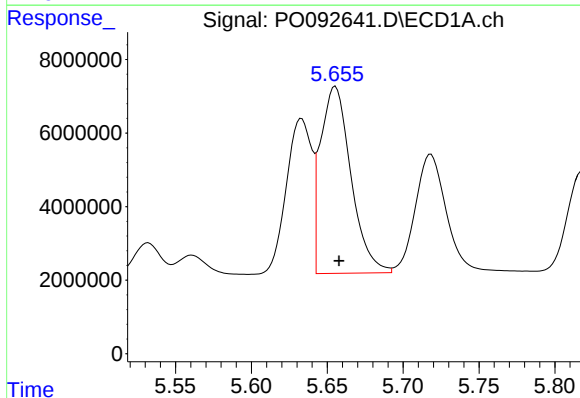
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 49046201
Conc: 536.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



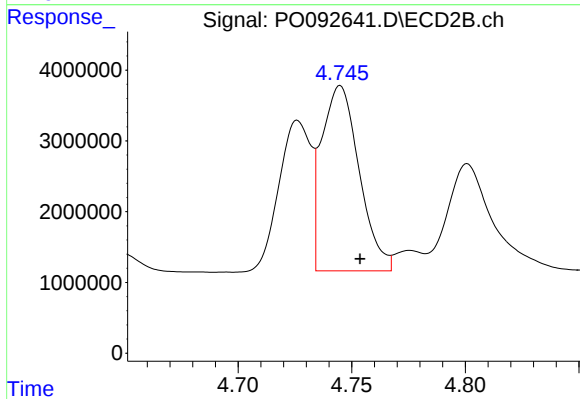
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: -0.009 min
Response: 20733660
Conc: 451.12 ng/ml



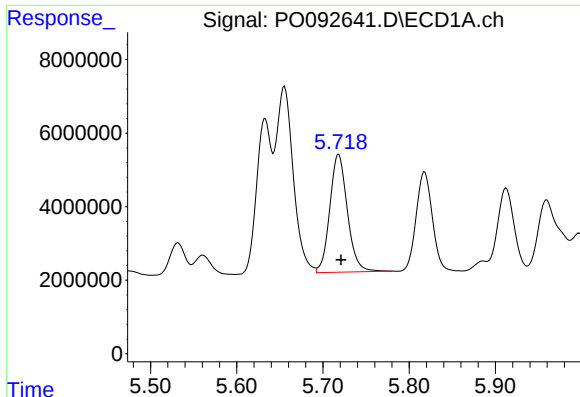
#4 AR-1016-2

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 71214945
Conc: 531.81 ng/ml



#4 AR-1016-2

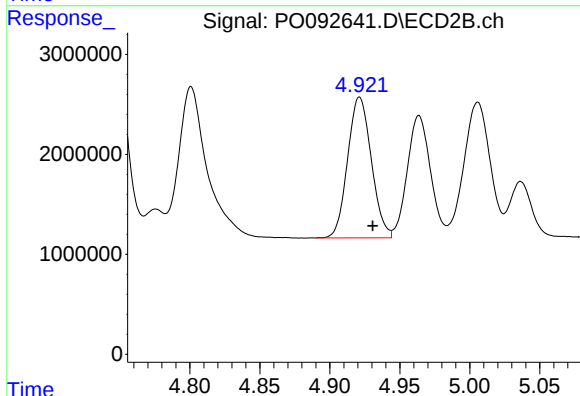
R.T.: 4.745 min
Delta R.T.: -0.009 min
Response: 30134976
Conc: 459.53 ng/ml



#5 AR-1016-3

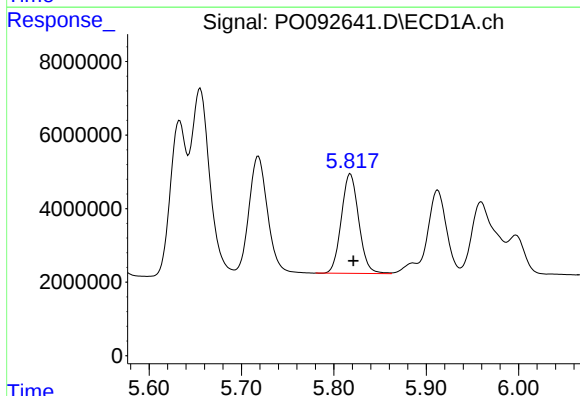
R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 45412210
Conc: 527.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



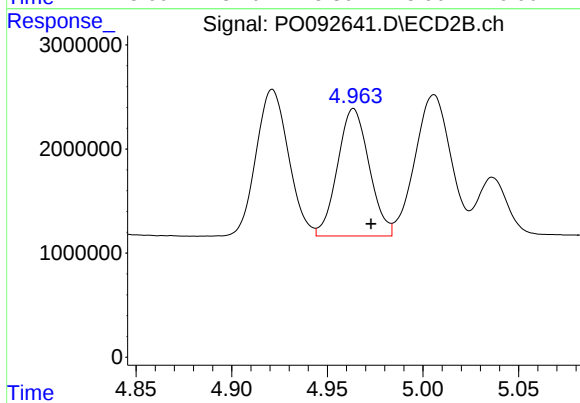
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: -0.009 min
Response: 16617496
Conc: 470.02 ng/ml



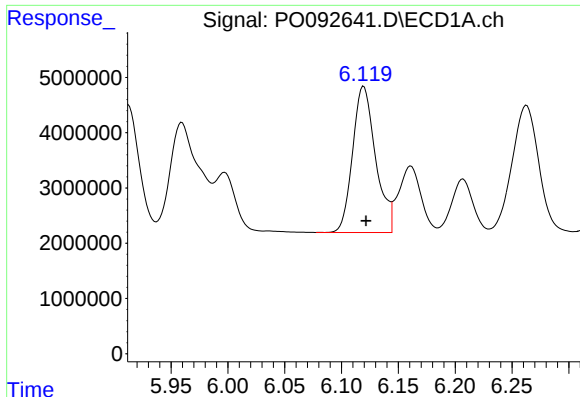
#6 AR-1016-4

R.T.: 5.818 min
Delta R.T.: -0.003 min
Response: 35424288
Conc: 531.37 ng/ml



#6 AR-1016-4

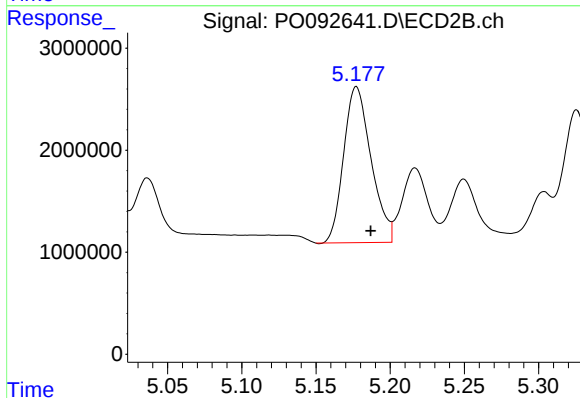
R.T.: 4.964 min
Delta R.T.: -0.009 min
Response: 14100947
Conc: 453.30 ng/ml



#7 AR-1016-5

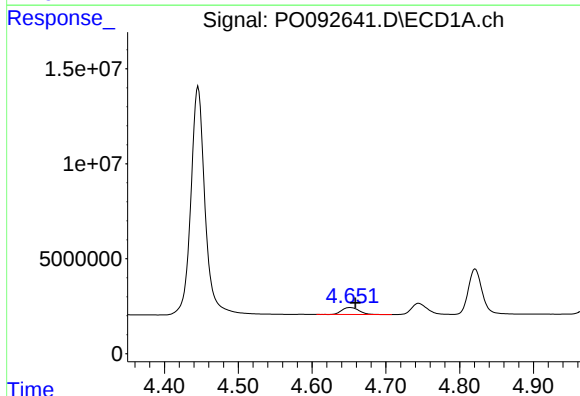
R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 37232129
Conc: 518.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



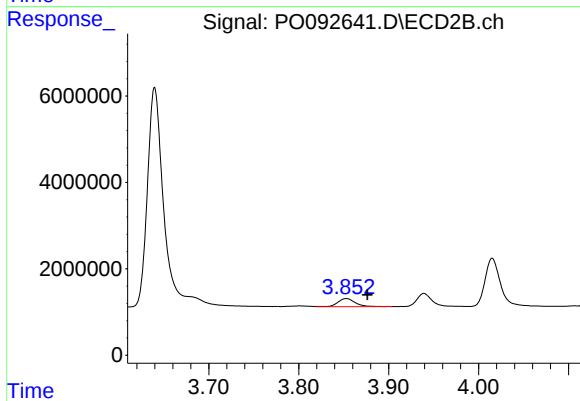
#7 AR-1016-5

R.T.: 5.177 min
Delta R.T.: -0.010 min
Response: 19673818
Conc: 494.74 ng/ml



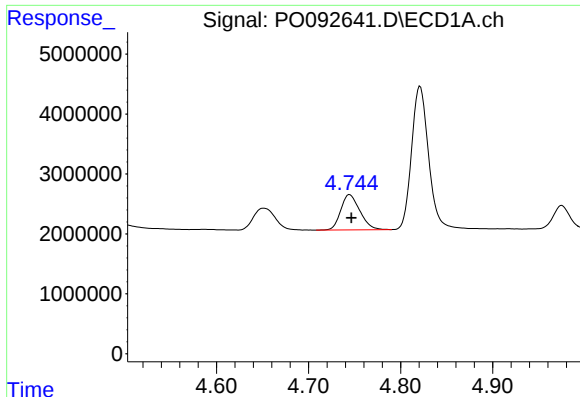
#8 AR-1221-1

R.T.: 4.652 min
Delta R.T.: -0.007 min
Response: 5945829
Conc: 157.28 ng/ml



#8 AR-1221-1

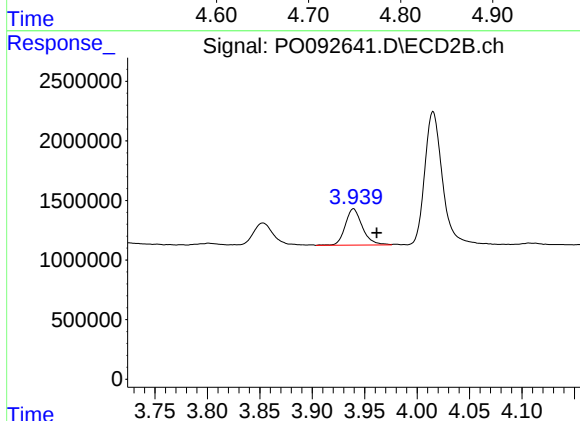
R.T.: 3.853 min
Delta R.T.: -0.024 min
Response: 2578242
Conc: 136.19 ng/ml



#9 AR-1221-2

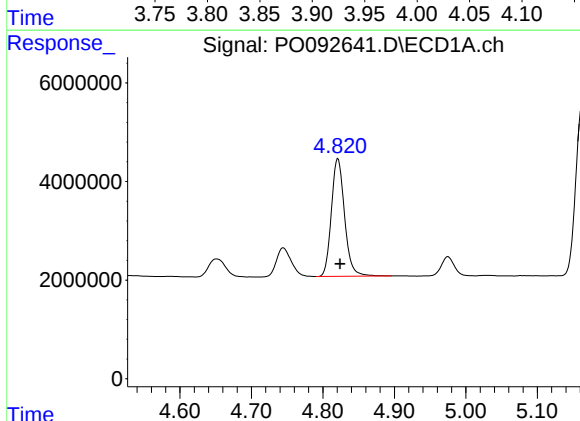
R.T.: 4.745 min
Delta R.T.: -0.002 min
Response: 8472718
Conc: 306.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



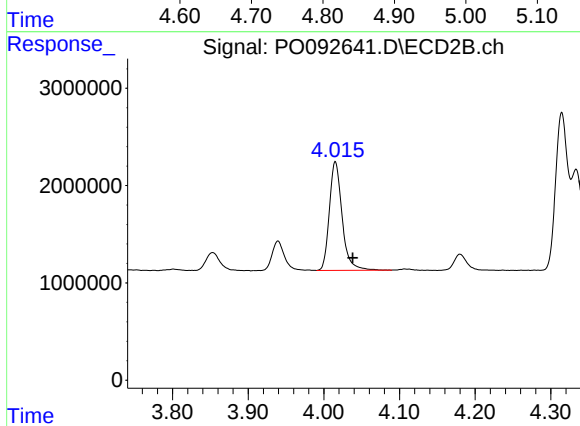
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: -0.022 min
Response: 3474641
Conc: 247.24 ng/ml



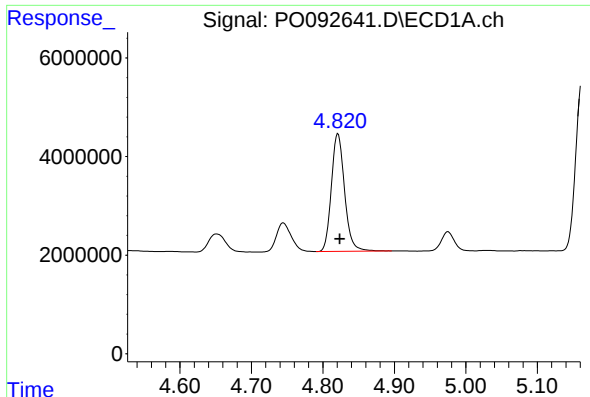
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 30701522
Conc: 363.83 ng/ml



#10 AR-1221-3

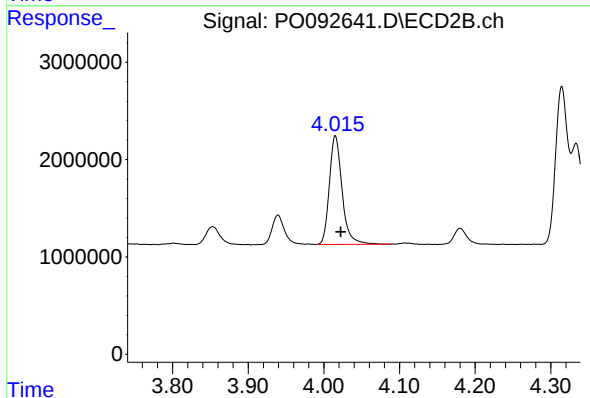
R.T.: 4.015 min
Delta R.T.: -0.023 min
Response: 13106514
Conc: 312.99 ng/ml



#11 AR-1232-1

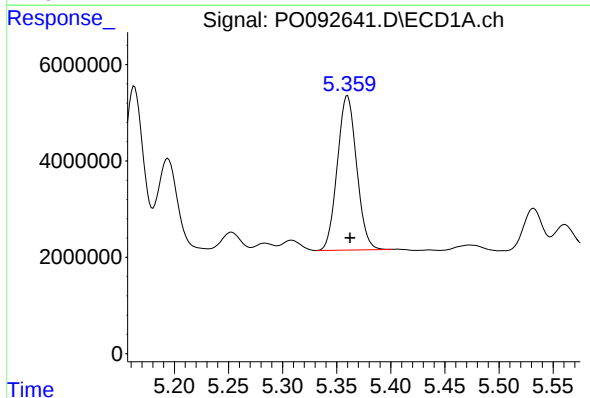
R.T.: 4.821 min
Delta R.T.: -0.002 min
Response: 30701522
Conc: 443.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



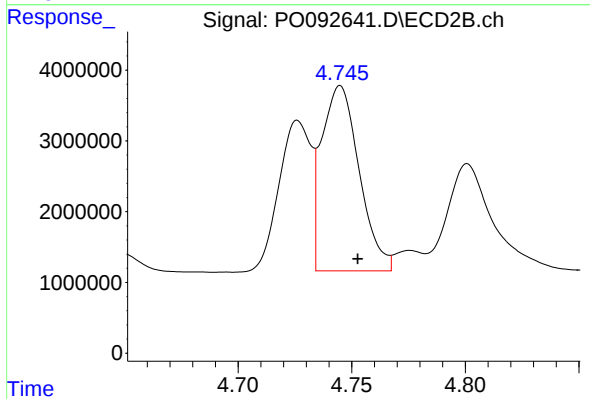
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: -0.007 min
Response: 13106514
Conc: 372.61 ng/ml



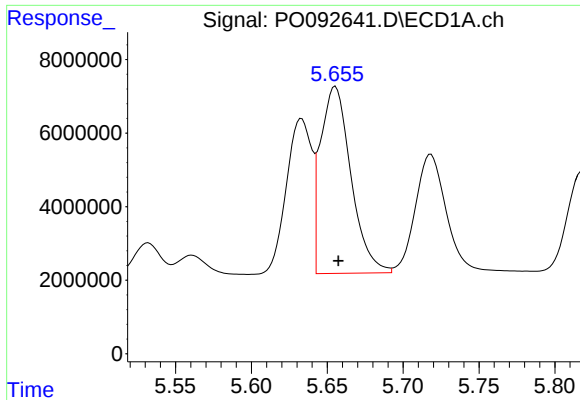
#12 AR-1232-2

R.T.: 5.360 min
Delta R.T.: -0.002 min
Response: 39760422
Conc: 1138.00 ng/ml



#12 AR-1232-2

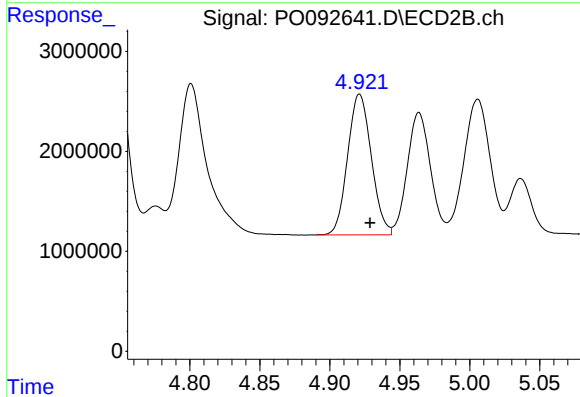
R.T.: 4.745 min
Delta R.T.: -0.008 min
Response: 30134976
Conc: 983.04 ng/ml



#13 AR-1232-3

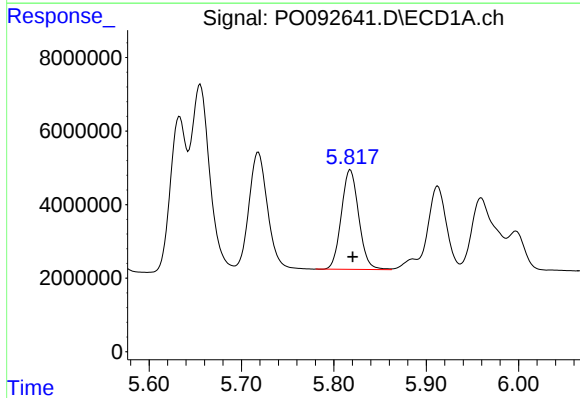
R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 71214945
Conc: 1163.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



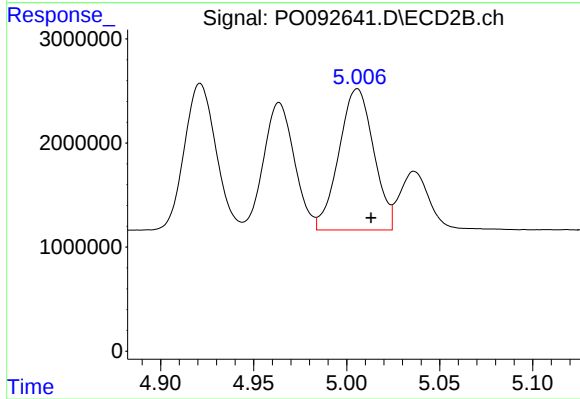
#13 AR-1232-3

R.T.: 4.921 min
Delta R.T.: -0.008 min
Response: 16617496
Conc: 1032.17 ng/ml



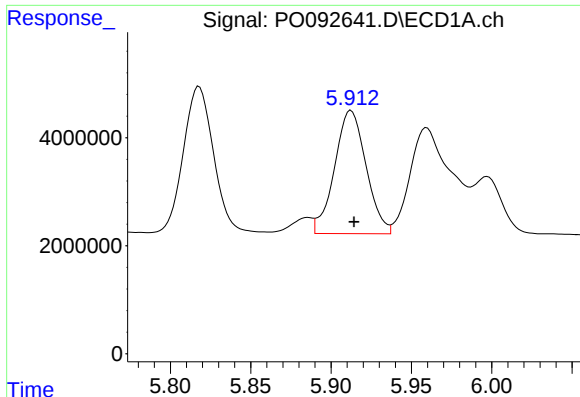
#14 AR-1232-4

R.T.: 5.818 min
Delta R.T.: -0.002 min
Response: 35424288
Conc: 1181.96 ng/ml



#14 AR-1232-4

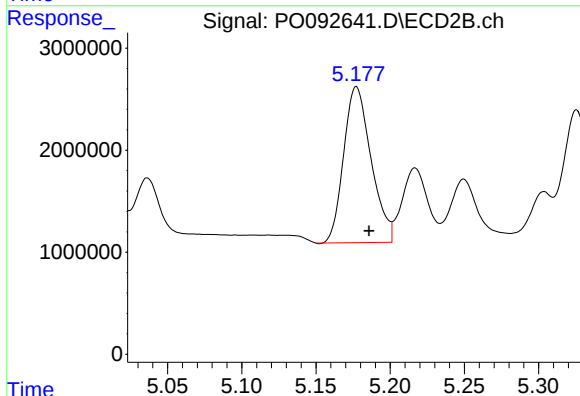
R.T.: 5.006 min
Delta R.T.: -0.007 min
Response: 17648652
Conc: 1080.52 ng/ml



#15 AR-1232-5

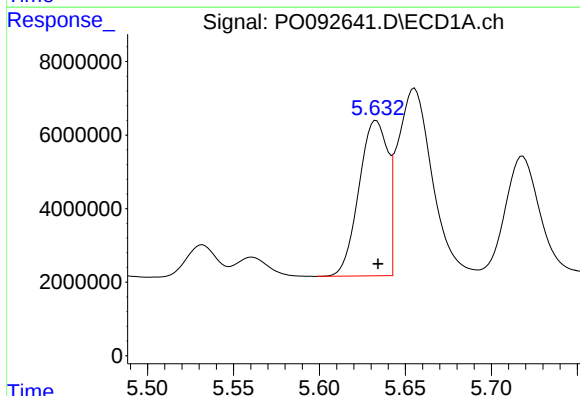
R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 31210083
Conc: 1262.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



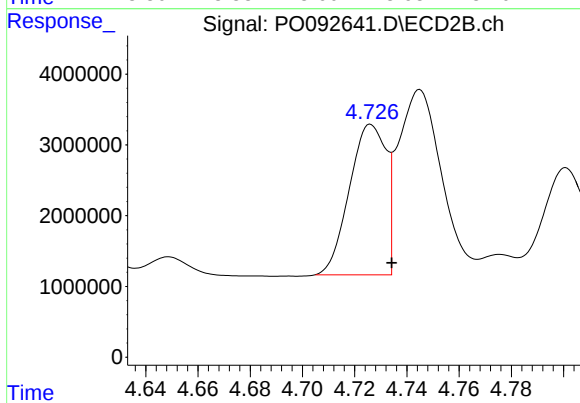
#15 AR-1232-5

R.T.: 5.177 min
Delta R.T.: -0.008 min
Response: 19673818
Conc: 1099.91 ng/ml



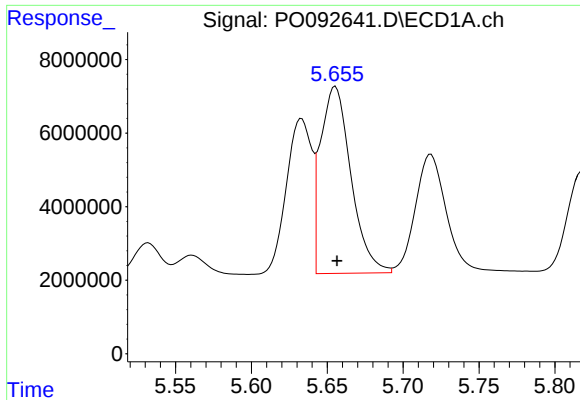
#16 AR-1242-1

R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 49046201
Conc: 628.89 ng/ml



#16 AR-1242-1

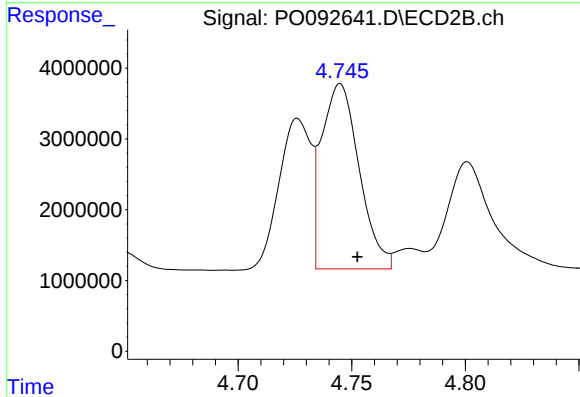
R.T.: 4.726 min
Delta R.T.: -0.008 min
Response: 20733660
Conc: 531.59 ng/ml



#17 AR-1242-2

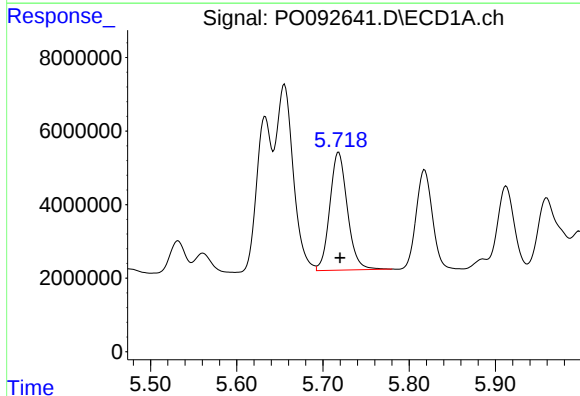
R.T.: 5.655 min
Delta R.T.: -0.001 min
Response: 71214945
Conc: 632.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



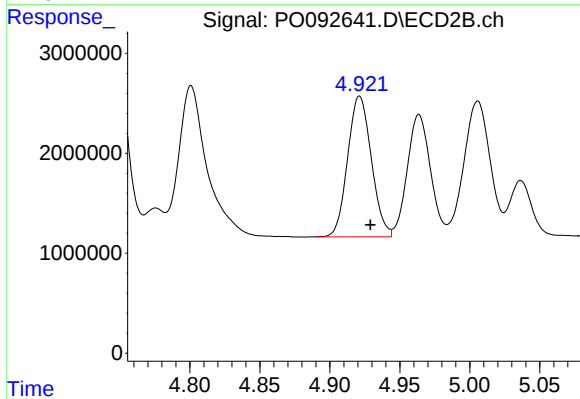
#17 AR-1242-2

R.T.: 4.745 min
Delta R.T.: -0.008 min
Response: 30134976
Conc: 554.86 ng/ml



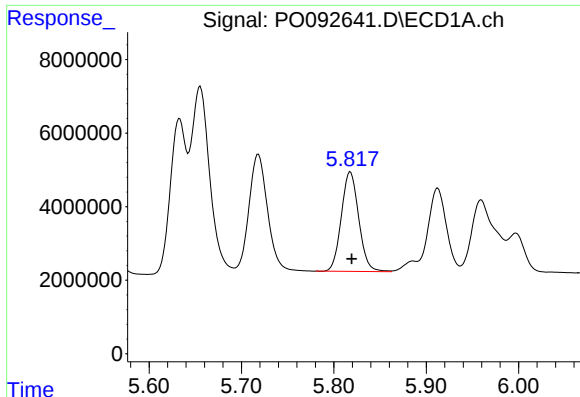
#18 AR-1242-3

R.T.: 5.718 min
Delta R.T.: -0.002 min
Response: 45412210
Conc: 625.57 ng/ml



#18 AR-1242-3

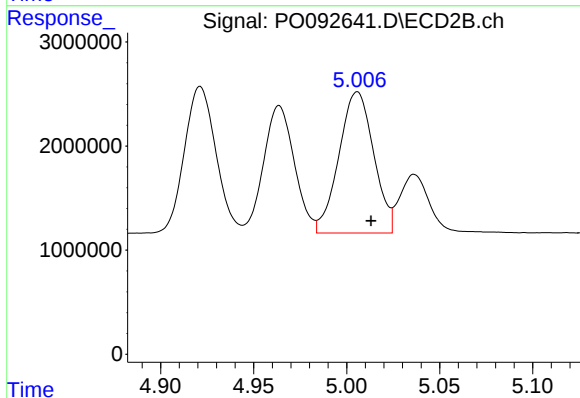
R.T.: 4.921 min
Delta R.T.: -0.008 min
Response: 16617496
Conc: 570.57 ng/ml



#19 AR-1242-4

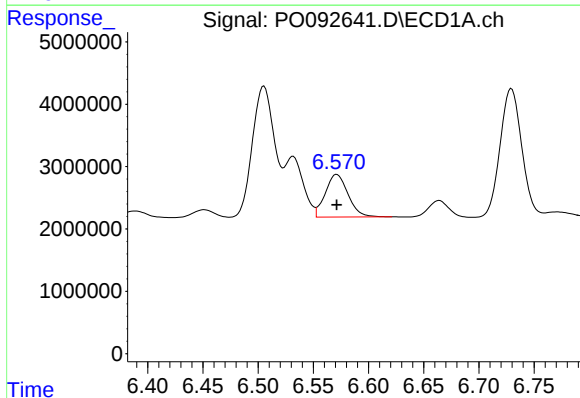
R.T.: 5.818 min
Delta R.T.: -0.002 min
Response: 35424288
Conc: 639.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



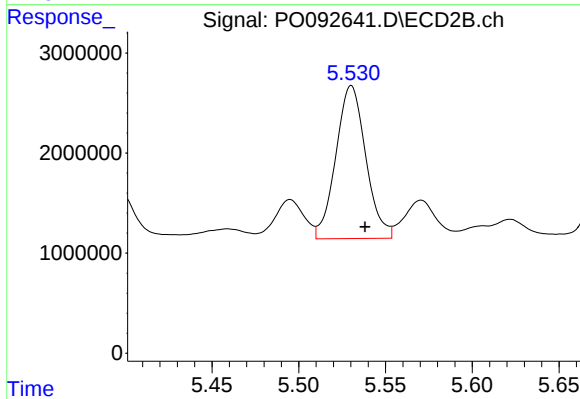
#19 AR-1242-4

R.T.: 5.006 min
Delta R.T.: -0.007 min
Response: 17648652
Conc: 548.67 ng/ml



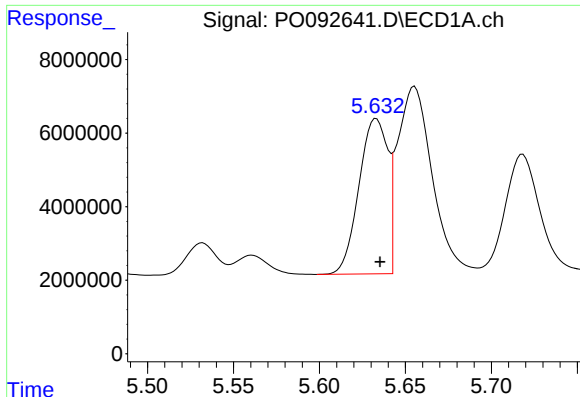
#20 AR-1242-5

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 9770857
Conc: 175.04 ng/ml



#20 AR-1242-5

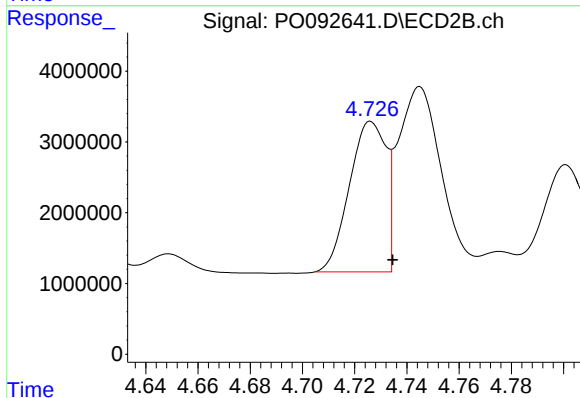
R.T.: 5.530 min
Delta R.T.: -0.008 min
Response: 18372350
Conc: 507.50 ng/ml



#21 AR-1248-1

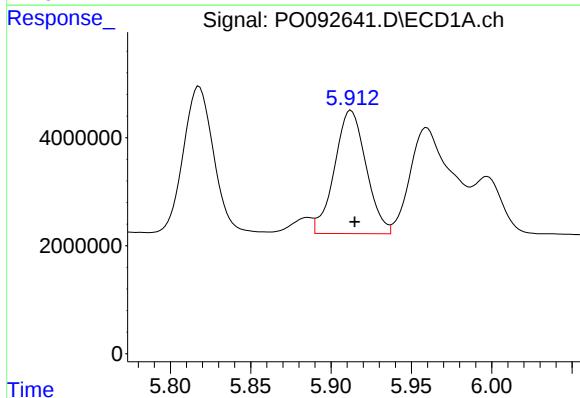
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 49046201
Conc: 844.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



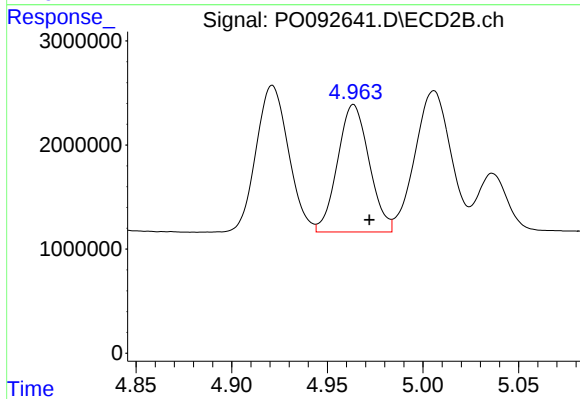
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: -0.008 min
Response: 20733660
Conc: 711.70 ng/ml



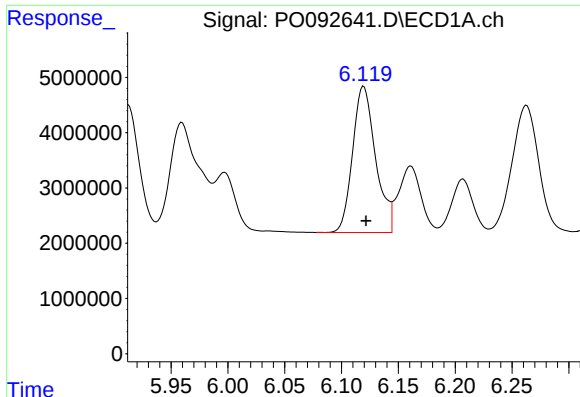
#22 AR-1248-2

R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 31210083
Conc: 341.53 ng/ml



#22 AR-1248-2

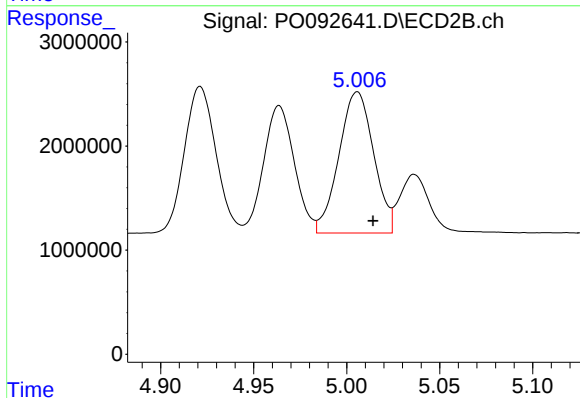
R.T.: 4.964 min
Delta R.T.: -0.008 min
Response: 14100947
Conc: 312.54 ng/ml



#23 AR-1248-3

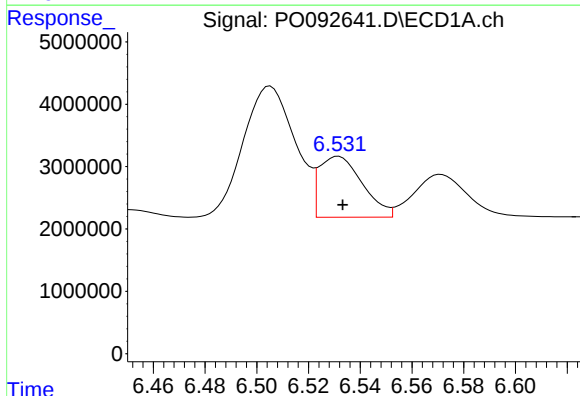
R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 37232129
Conc: 379.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



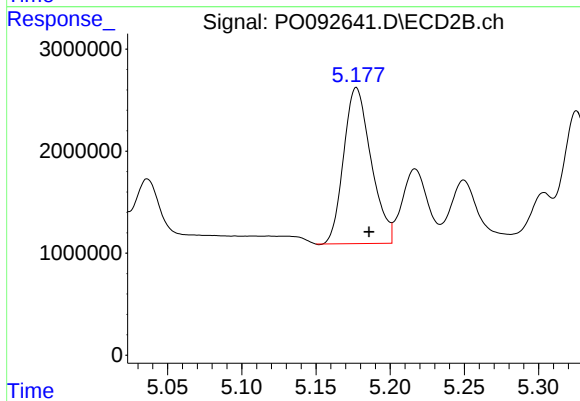
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: -0.008 min
Response: 17648652
Conc: 378.40 ng/ml



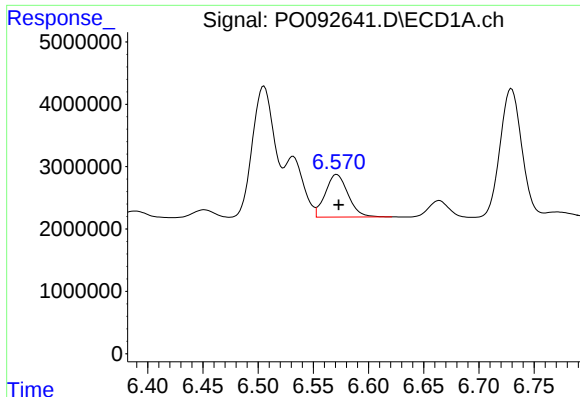
#24 AR-1248-4

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 11309471
Conc: 115.51 ng/ml



#24 AR-1248-4

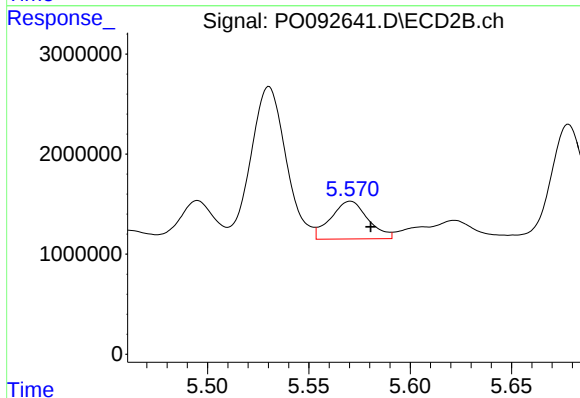
R.T.: 5.177 min
Delta R.T.: -0.009 min
Response: 19673818
Conc: 366.16 ng/ml



#25 AR-1248-5

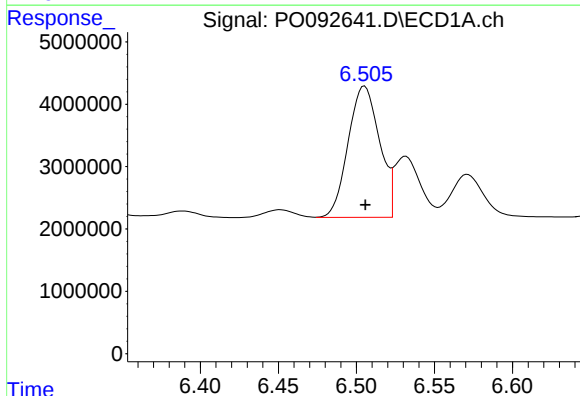
R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 9770857
Conc: 103.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



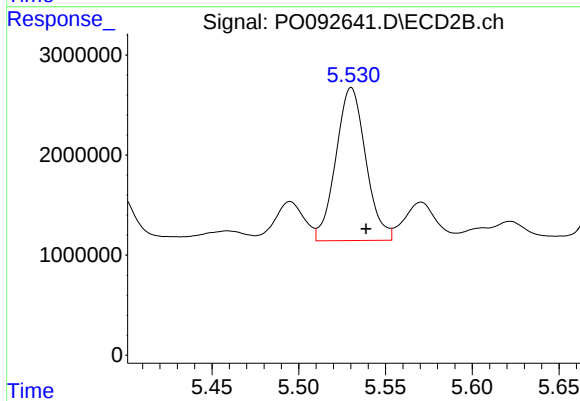
#25 AR-1248-5

R.T.: 5.571 min
Delta R.T.: -0.010 min
Response: 4831097
Conc: 102.05 ng/ml



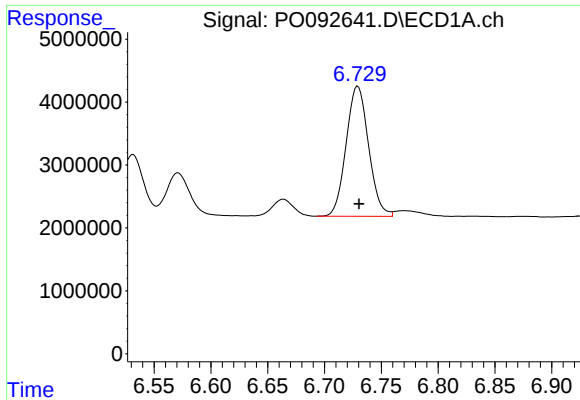
#26 AR-1254-1

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 29408672
Conc: 265.62 ng/ml



#26 AR-1254-1

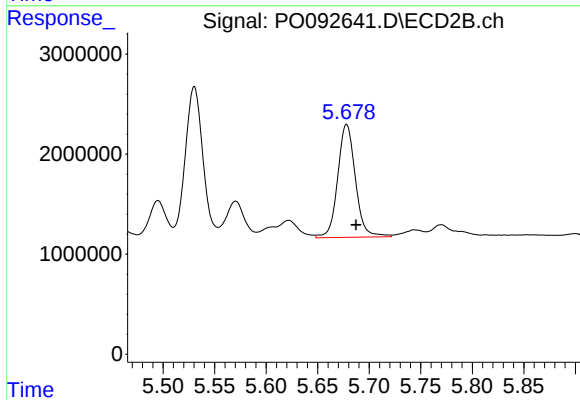
R.T.: 5.530 min
Delta R.T.: -0.008 min
Response: 18372350
Conc: 234.37 ng/ml



#27 AR-1254-2

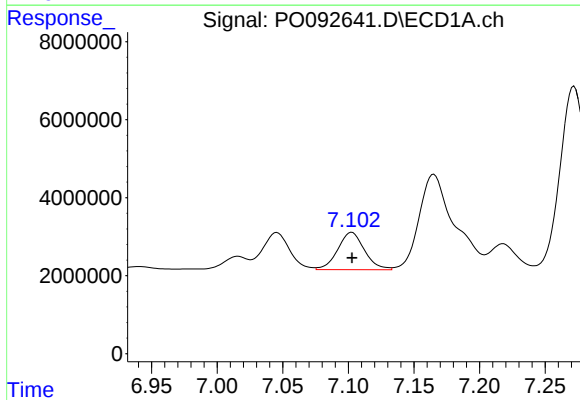
R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 28415703
Conc: 174.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



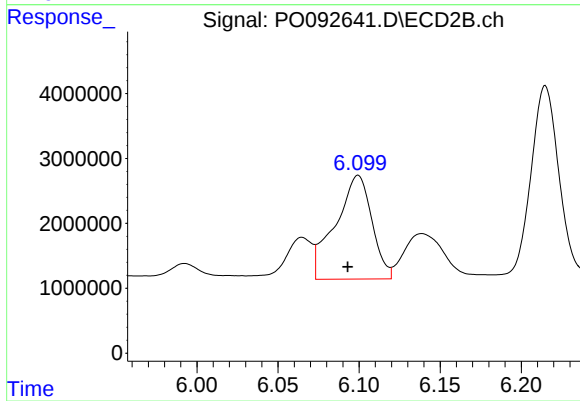
#27 AR-1254-2

R.T.: 5.678 min
Delta R.T.: -0.009 min
Response: 13519301
Conc: 195.39 ng/ml



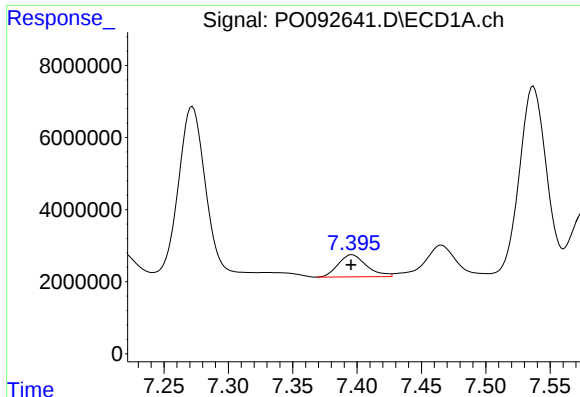
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 13652571
Conc: 82.78 ng/ml



#28 AR-1254-3

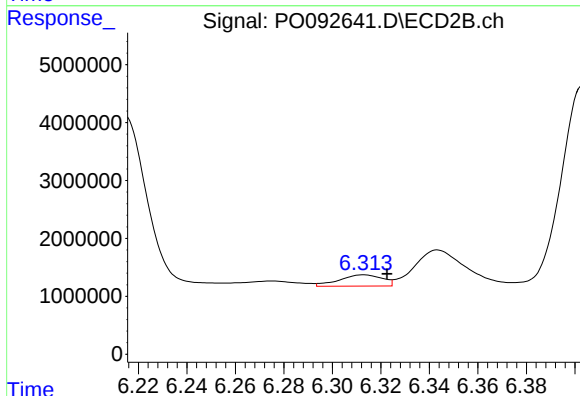
R.T.: 6.099 min
Delta R.T.: 0.006 min
Response: 25067410
Conc: 234.86 ng/ml



#29 AR-1254-4

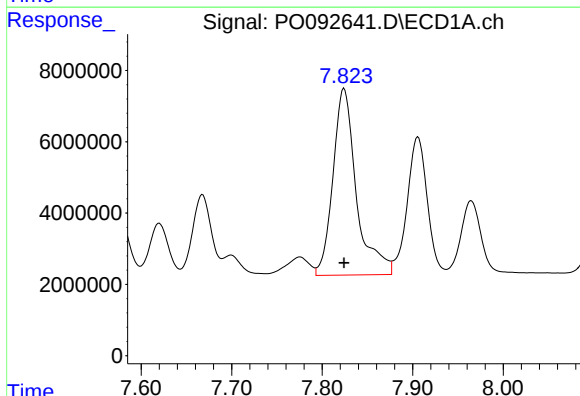
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 9378889
Conc: 85.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



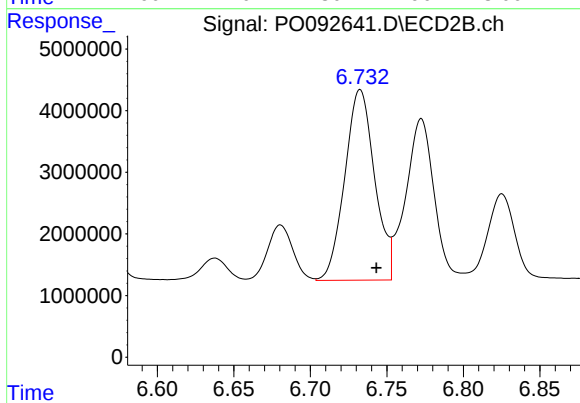
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: -0.010 min
Response: 2389615
Conc: 40.57 ng/ml



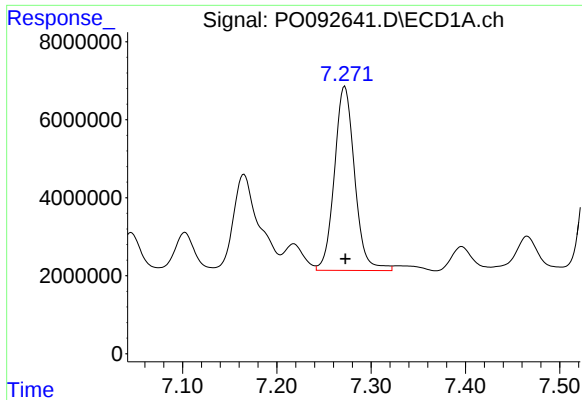
#30 AR-1254-5

R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 94271288
Conc: 670.02 ng/ml



#30 AR-1254-5

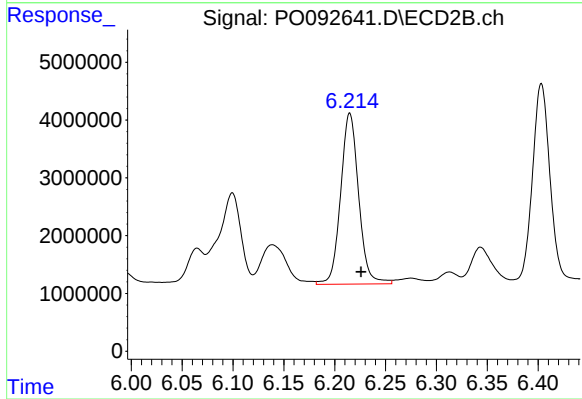
R.T.: 6.733 min
Delta R.T.: -0.011 min
Response: 42157955
Conc: 463.20 ng/ml



#31 AR-1260-1

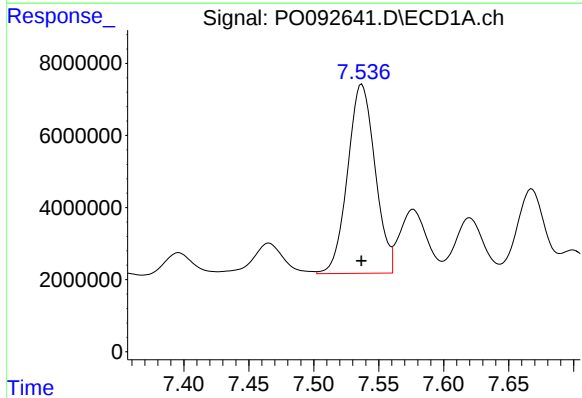
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 70431300
Conc: 534.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



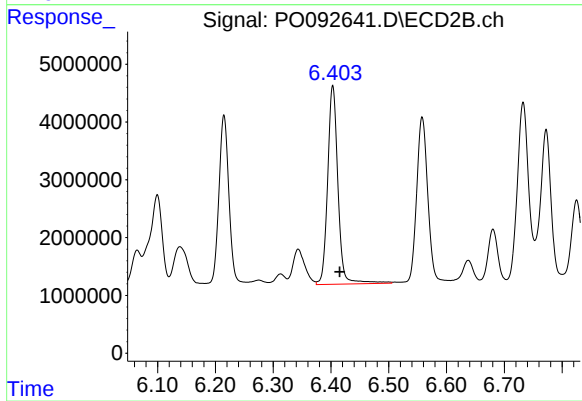
#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: -0.011 min
Response: 36532453
Conc: 483.62 ng/ml



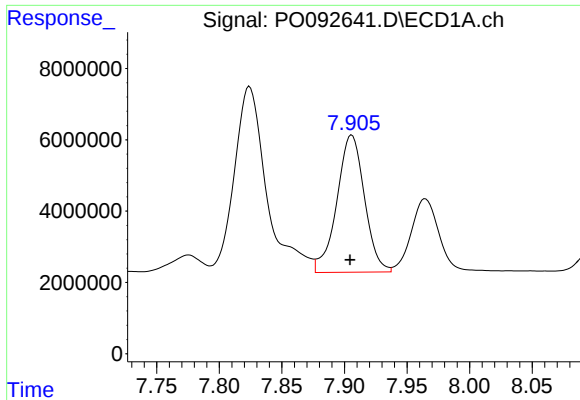
#32 AR-1260-2

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 77059989
Conc: 519.67 ng/ml



#32 AR-1260-2

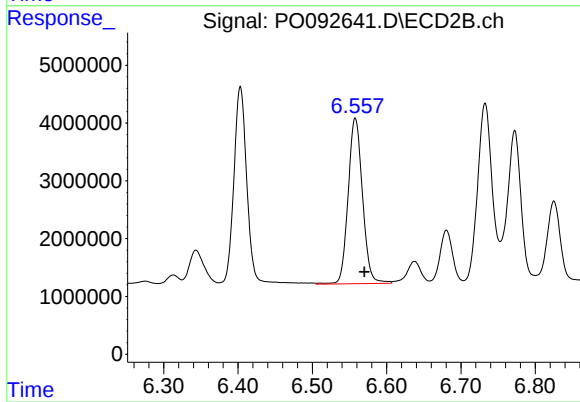
R.T.: 6.403 min
Delta R.T.: -0.012 min
Response: 42769289
Conc: 488.16 ng/ml



#33 AR-1260-3

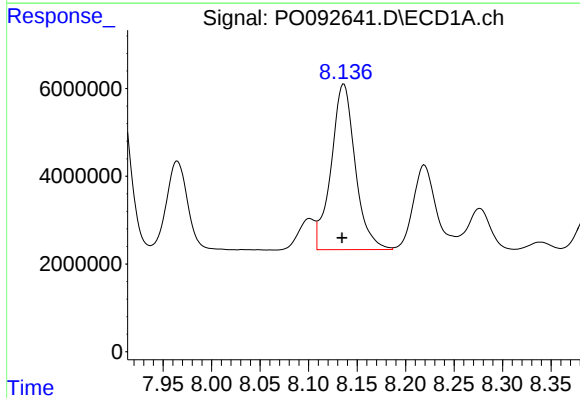
R.T.: 7.906 min
Delta R.T.: 0.001 min
Response: 59294104
Conc: 523.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



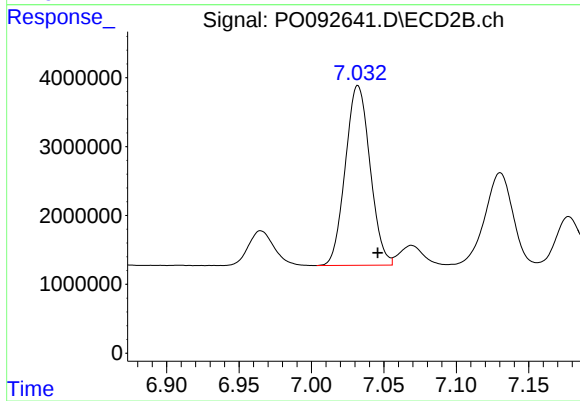
#33 AR-1260-3

R.T.: 6.558 min
Delta R.T.: -0.012 min
Response: 38580649
Conc: 445.05 ng/ml



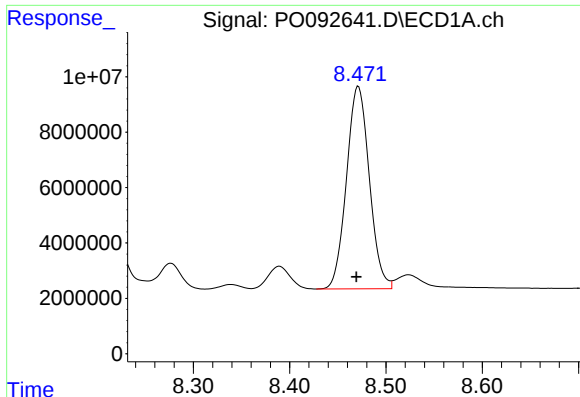
#34 AR-1260-4

R.T.: 8.136 min
Delta R.T.: 0.002 min
Response: 65396269
Conc: 527.54 ng/ml



#34 AR-1260-4

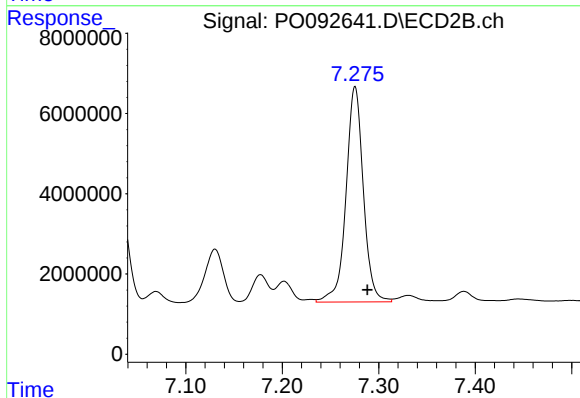
R.T.: 7.032 min
Delta R.T.: -0.014 min
Response: 31035136
Conc: 463.44 ng/ml



#35 AR-1260-5

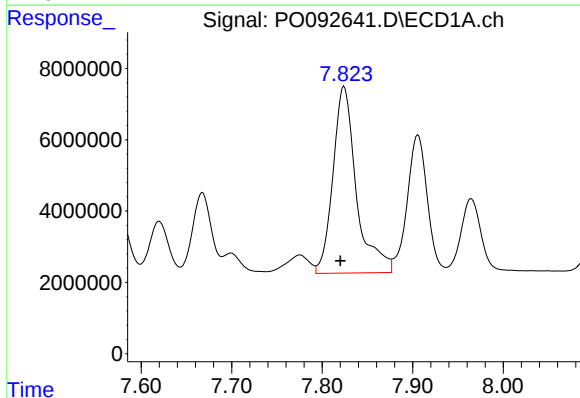
R.T.: 8.471 min
Delta R.T.: 0.002 min
Response: 120229471
Conc: 541.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



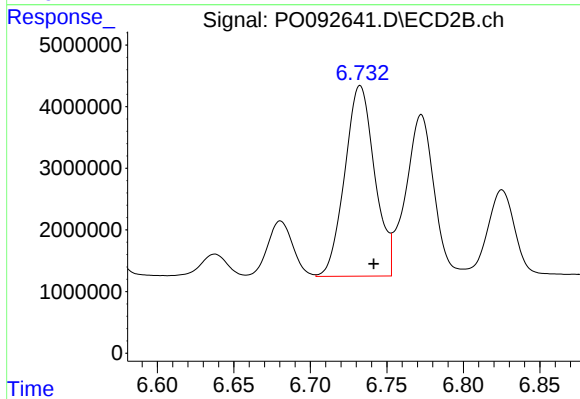
#35 AR-1260-5

R.T.: 7.276 min
Delta R.T.: -0.013 min
Response: 67238112
Conc: 472.51 ng/ml



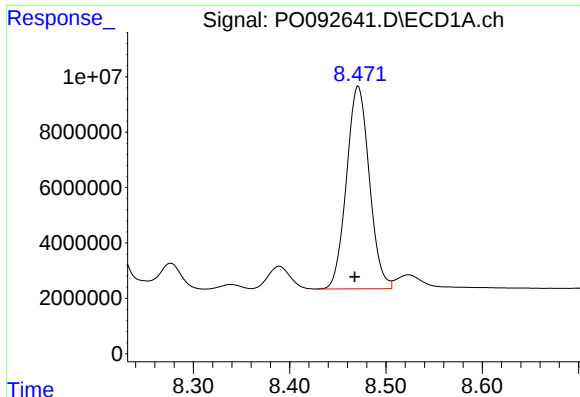
#36 AR-1262-1

R.T.: 7.824 min
Delta R.T.: 0.004 min
Response: 94271288
Conc: 872.48 ng/ml



#36 AR-1262-1

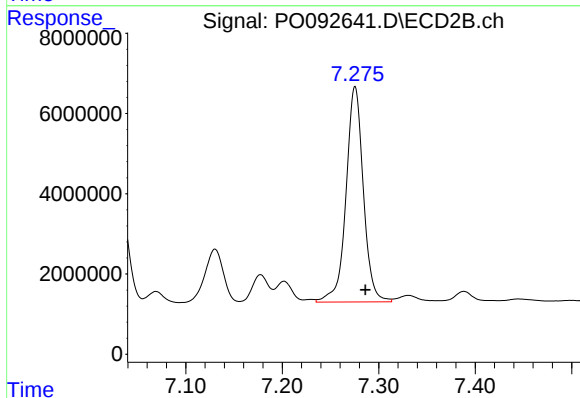
R.T.: 6.733 min
Delta R.T.: -0.009 min
Response: 42157955
Conc: 908.38 ng/ml



#37 AR-1262-2

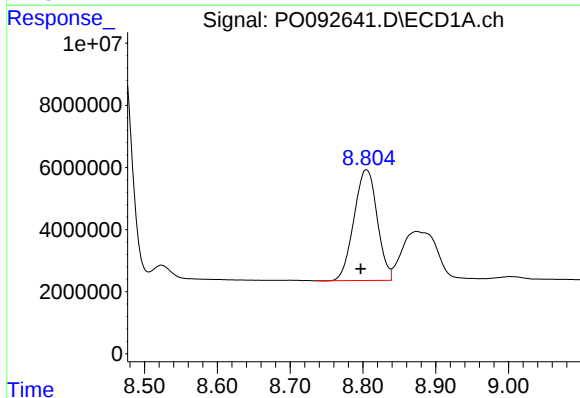
R.T.: 8.471 min
Delta R.T.: 0.004 min
Response: 120229471
Conc: 503.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



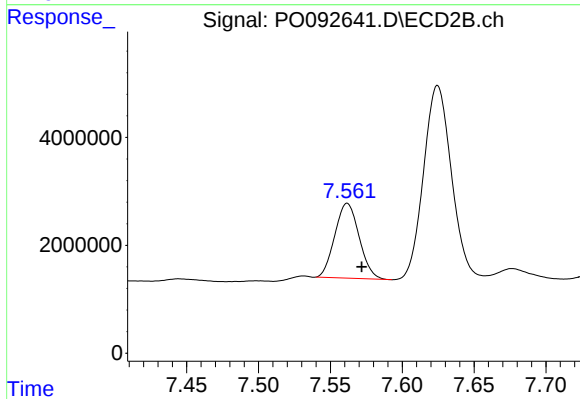
#37 AR-1262-2

R.T.: 7.276 min
Delta R.T.: -0.011 min
Response: 67238112
Conc: 455.73 ng/ml



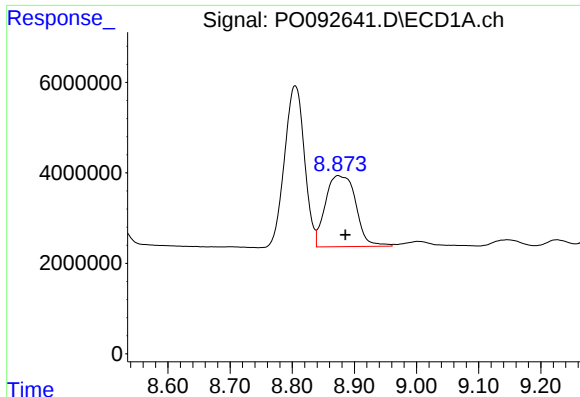
#38 AR-1262-3

R.T.: 8.805 min
Delta R.T.: 0.008 min
Response: 79140917
Conc: 468.16 ng/ml



#38 AR-1262-3

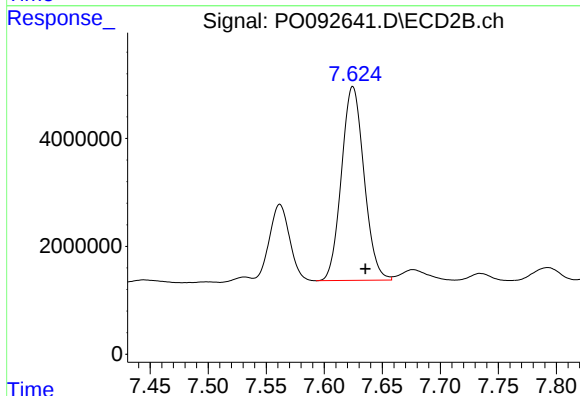
R.T.: 7.562 min
Delta R.T.: -0.010 min
Response: 16375004
Conc: 262.01 ng/ml



#39 AR-1262-4

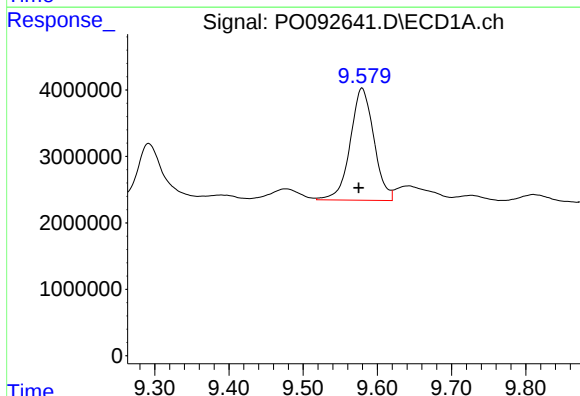
R.T.: 8.874 min
Delta R.T.: -0.012 min
Response: 53328554
Conc: 524.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



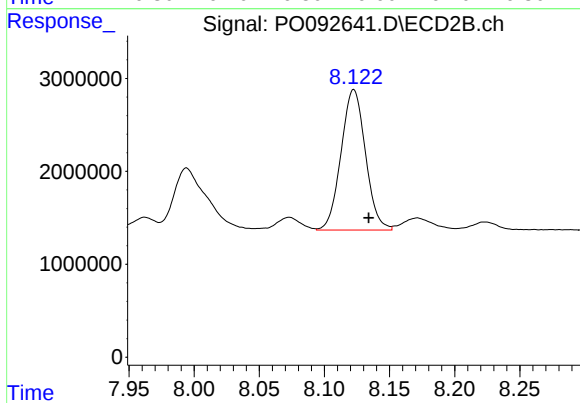
#39 AR-1262-4

R.T.: 7.625 min
Delta R.T.: -0.011 min
Response: 48660877
Conc: 444.15 ng/ml



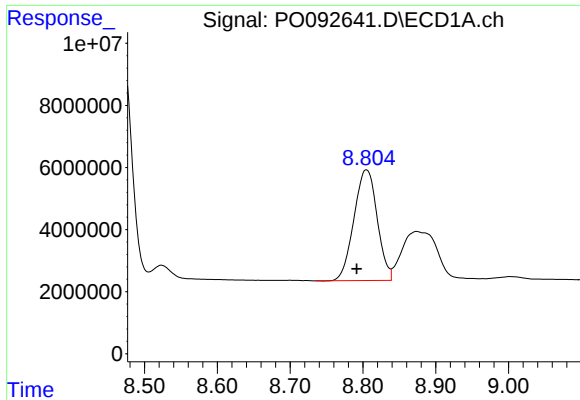
#40 AR-1262-5

R.T.: 9.580 min
Delta R.T.: 0.005 min
Response: 37375096
Conc: 417.93 ng/ml



#40 AR-1262-5

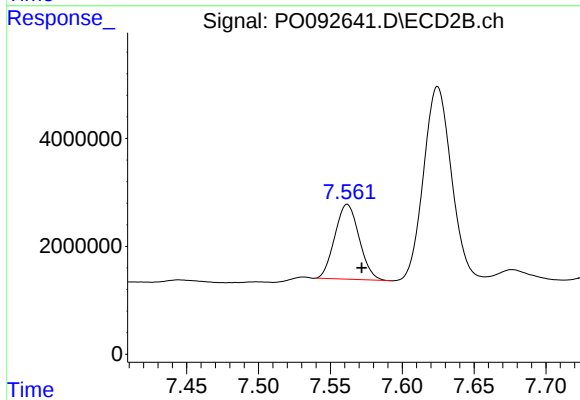
R.T.: 8.123 min
Delta R.T.: -0.012 min
Response: 19740876
Conc: 383.12 ng/ml



#41 AR-1268-1

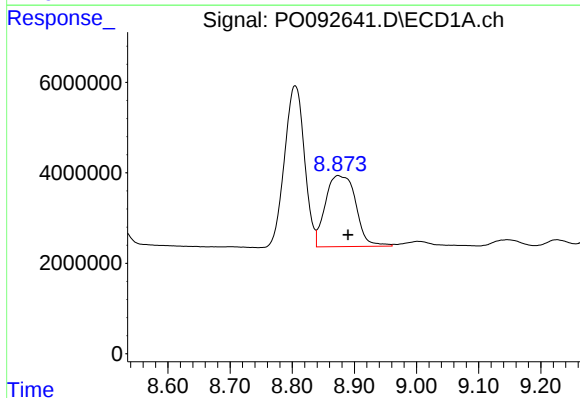
R.T.: 8.805 min
Delta R.T.: 0.013 min
Response: 79140917
Conc: 250.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



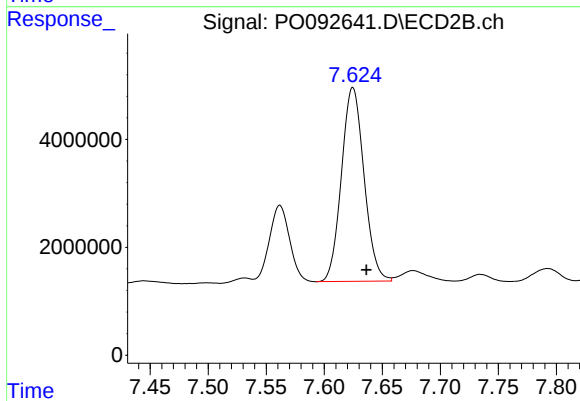
#41 AR-1268-1

R.T.: 7.562 min
Delta R.T.: -0.010 min
Response: 16375004
Conc: 89.99 ng/ml



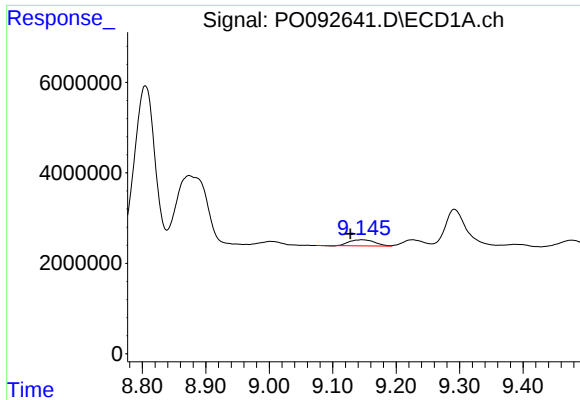
#42 AR-1268-2

R.T.: 8.874 min
Delta R.T.: -0.016 min
Response: 53328554
Conc: 176.68 ng/ml



#42 AR-1268-2

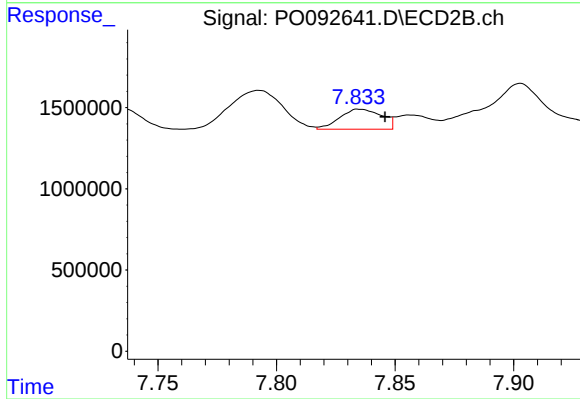
R.T.: 7.625 min
Delta R.T.: -0.012 min
Response: 48660877
Conc: 294.05 ng/ml



#43 AR-1268-3

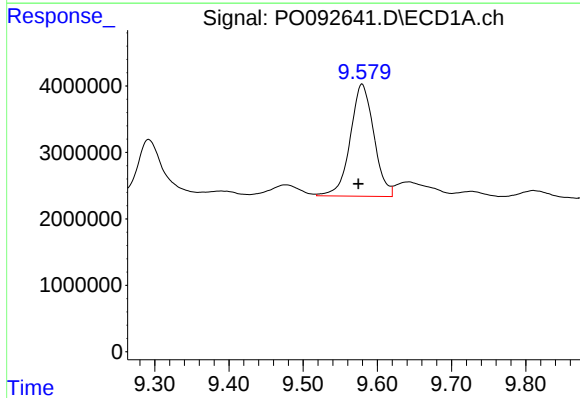
R.T.: 9.146 min
Delta R.T.: 0.018 min
Response: 3695454
Conc: 14.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



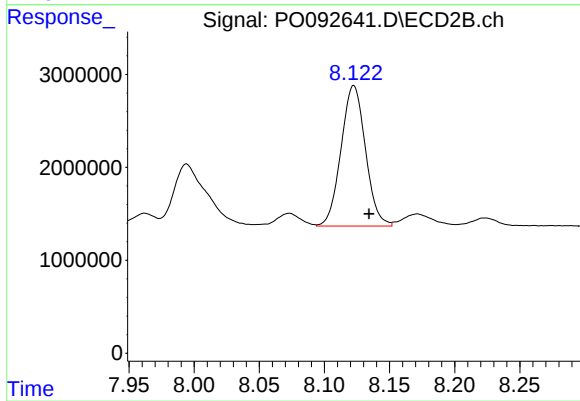
#43 AR-1268-3

R.T.: 7.835 min
Delta R.T.: -0.011 min
Response: 1511489
Conc: 10.18 ng/ml



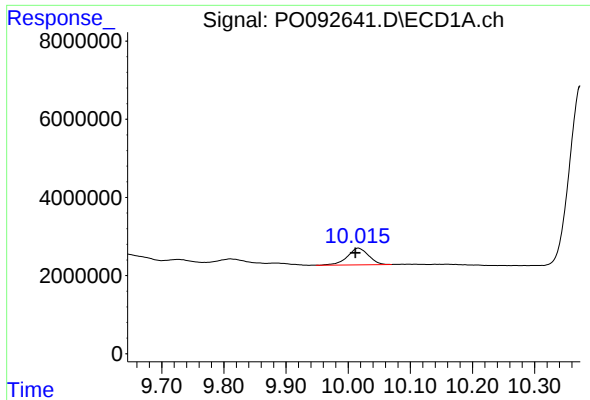
#44 AR-1268-4

R.T.: 9.580 min
Delta R.T.: 0.005 min
Response: 37375096
Conc: 357.59 ng/ml



#44 AR-1268-4

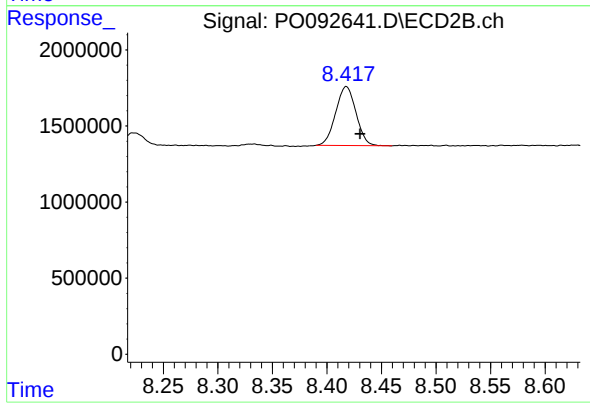
R.T.: 8.123 min
Delta R.T.: -0.012 min
Response: 19740876
Conc: 314.48 ng/ml



#45 AR-1268-5

R.T.: 10.016 min
Delta R.T.: 0.004 min
Response: 10027608
Conc: 12.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.012 min
Response: 5025550
Conc: 11.87 ng/ml