

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020123\
 Data File : P0092337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 23:07
 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 02 00:53:33 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...	4.448	3.645	160.0E6	71725351	55.265	51.081
2)	SA Decachlor...	10.366	8.686	110.2E6	58596957	53.390	51.906
Target Compounds							
3)	L1 AR-1016-1	5.634	4.733	48964467	22989768	535.380	500.205
4)	L1 AR-1016-2	5.656	4.751	72239520	32998552	539.464	503.197
5)	L1 AR-1016-3	5.719	4.928	46175156	17531483	536.581	495.872
6)	L1 AR-1016-4	5.819	4.970	36179082	15422946	542.693	495.803
7)	L1 AR-1016-5	6.120	5.184	38047916	20118981	529.544	505.934
8)	L2 AR-1221-1	4.654	3.859	5984027	2756217	158.287	145.596
9)	L2 AR-1221-2	4.747	3.944	8448213	3822947	305.271	272.019
10)	L2 AR-1221-3	4.823	4.021	30857502	14348865	365.681	342.658
11)	L3 AR-1232-1	4.823	4.021	30857502	14348865	445.951	407.930
12)	L3 AR-1232-2	5.361	4.751	42097201	32998552	1204.884	1076.448
13)	L3 AR-1232-3	5.656	4.928	72239520	17531483	1179.955	1088.939
14)	L3 AR-1232-4	5.819	5.012	36179082	19032271	1207.148	1165.234
15)	L3 AR-1232-5	5.913	5.184	34759244	20118981	1406.430	1124.797
16)	L4 AR-1242-1	5.634	4.733	48964467	22989768	627.840	589.437
17)	L4 AR-1242-2	5.656	4.751	72239520	32998552	641.761	607.581
18)	L4 AR-1242-3	5.719	4.928	46175156	17531483	636.085	601.957
19)	L4 AR-1242-4	5.819	5.012	36179082	19032271	653.353	591.690
20)	L4 AR-1242-5	6.571	5.537	9722095	19613712	174.162	541.789 #
21)	L5 AR-1248-1	5.634	4.733	48964467	22989768	843.568	789.146
22)	L5 AR-1248-2	5.913	4.970	34759244	15422946	380.366	341.841
23)	L5 AR-1248-3	6.120	5.012	38047916	19032271	387.952	408.071
24)	L5 AR-1248-4	6.531	5.184	11208371	20118981	114.478	374.446 #
25)	L5 AR-1248-5	6.571	5.577	9722095	4918397	103.120	103.891
26)	L6 AR-1254-1	6.505	5.537	31568258	19613712	285.129	250.208
27)	L6 AR-1254-2	6.729	5.685	28663013	14391515	176.329	207.998
28)	L6 AR-1254-3	7.101	6.107	13237459	26610287	80.261	249.312 #
29)	L6 AR-1254-4	7.393	6.320	9092266	2057003	83.121	34.927 #
30)	L6 AR-1254-5	7.821	6.740	96471473	45543835	685.658	500.396 #
31)	L7 AR-1260-1	7.270	6.222	71915658	38477351	545.826	509.367
32)	L7 AR-1260-2	7.534	6.411	77499575	44161284	522.634	504.045
33)	L7 AR-1260-3	7.902	6.566	61098989	41237457	539.441	475.693
34)	L7 AR-1260-4	8.131	7.040	66634550	33977520	537.527	507.373
35)	L7 AR-1260-5	8.466	7.283	116.7E6	72436256	525.581	509.038
36)	L8 AR-1262-1	7.821	6.740	96471473	45543835	892.841	981.341
37)	L8 AR-1262-2	8.466	7.283	116.7E6	72436256	488.899	490.966
38)	L8 AR-1262-3	8.800	7.569	76176885	16154249	450.629	258.481 #
39)	L8 AR-1262-4	8.867	7.632	52734949	52395635	518.353	478.234
40)	L8 AR-1262-5	9.572	8.131	33126712	19056992	370.421	369.851
41)	L9 AR-1268-1	8.800	7.569	76176885	16154249	240.806	88.778 #

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 ALS Vial : 3 Sample Multiplier: 1

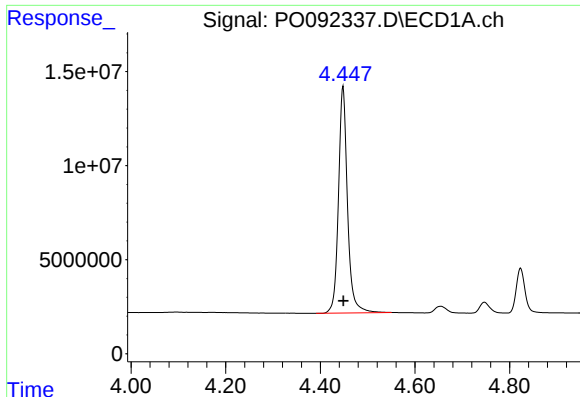
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.867	7.632	52734949	52395635	174.711	316.617 #
43) L9	AR-1268-3	9.123	7.842	1942974	1073516	7.676	7.229
44) L9	AR-1268-4	9.572	8.131	33126712	19056992	316.940	303.589
45) L9	AR-1268-5	10.008	8.426	9407436	5418628	11.887	12.803

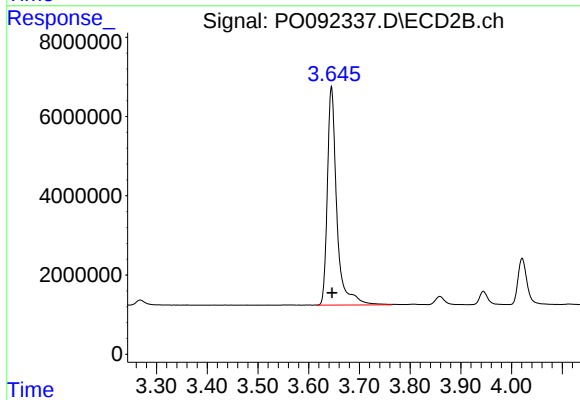
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

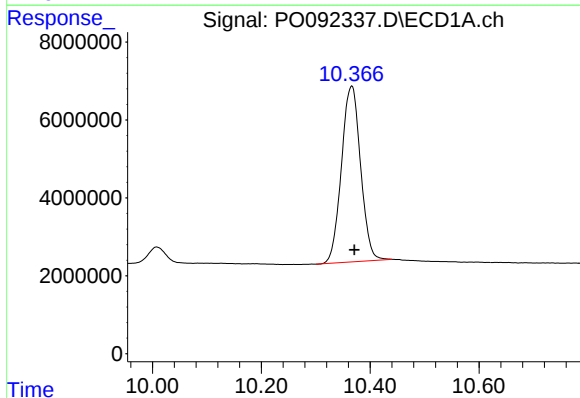
R.T.: 4.448 min
Delta R.T.: -0.001 min
Response: 159986437
Conc: 55.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



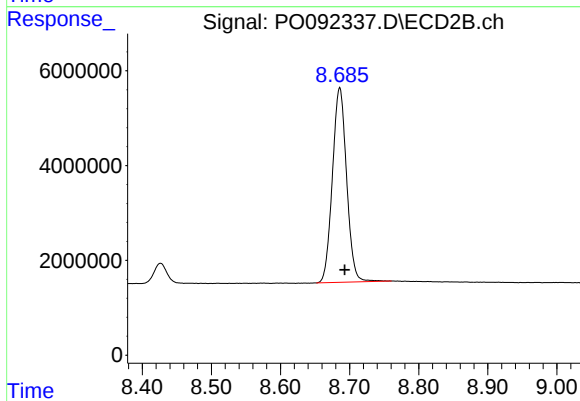
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.001 min
Response: 71725351
Conc: 51.08 ng/ml



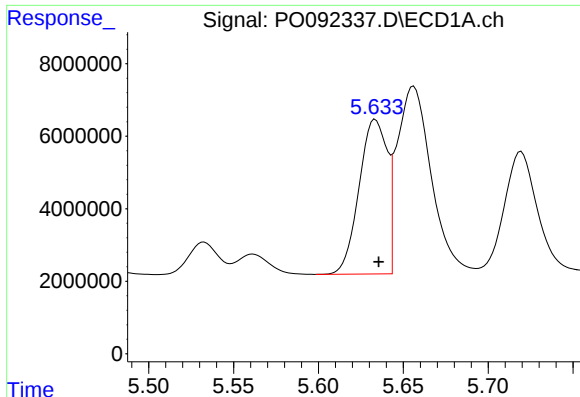
#2 Decachlorobiphenyl

R.T.: 10.366 min
Delta R.T.: -0.005 min
Response: 110193906
Conc: 53.39 ng/ml



#2 Decachlorobiphenyl

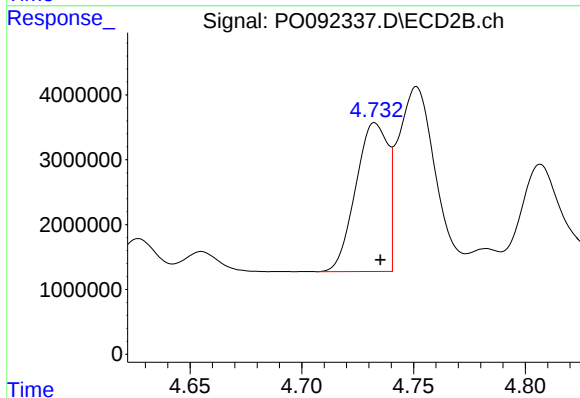
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 58596957
Conc: 51.91 ng/ml



#3 AR-1016-1

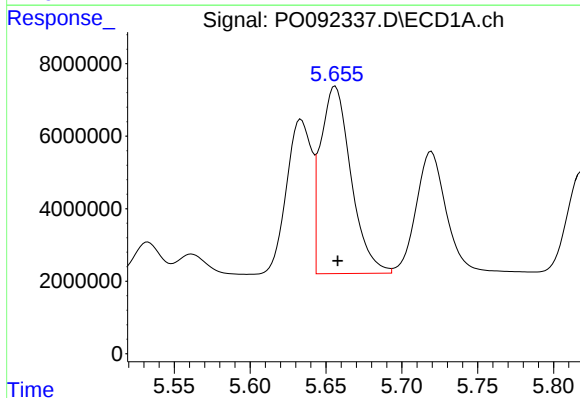
R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 48964467
Conc: 535.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



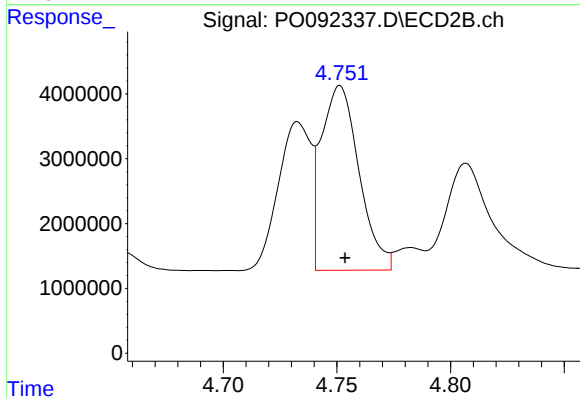
#3 AR-1016-1

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 22989768
Conc: 500.21 ng/ml



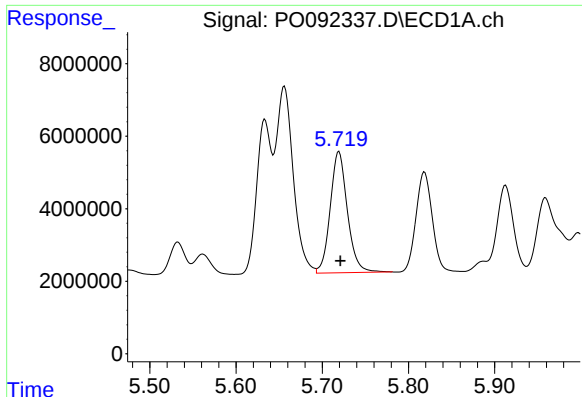
#4 AR-1016-2

R.T.: 5.656 min
Delta R.T.: -0.002 min
Response: 72239520
Conc: 539.46 ng/ml



#4 AR-1016-2

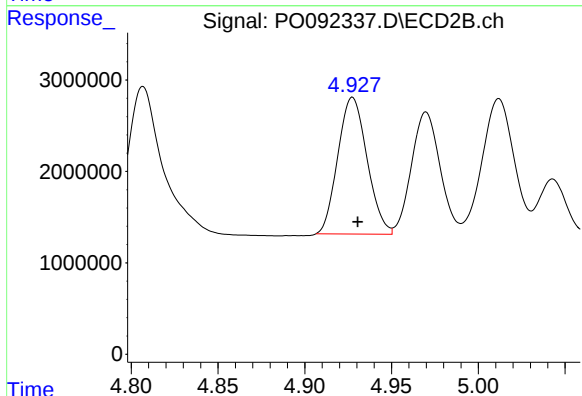
R.T.: 4.751 min
Delta R.T.: -0.002 min
Response: 32998552
Conc: 503.20 ng/ml



#5 AR-1016-3

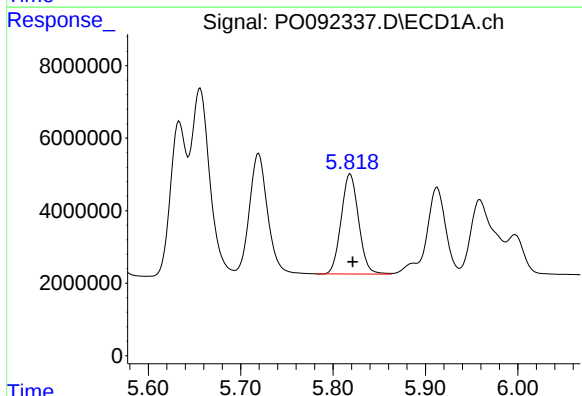
R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 46175156
Conc: 536.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



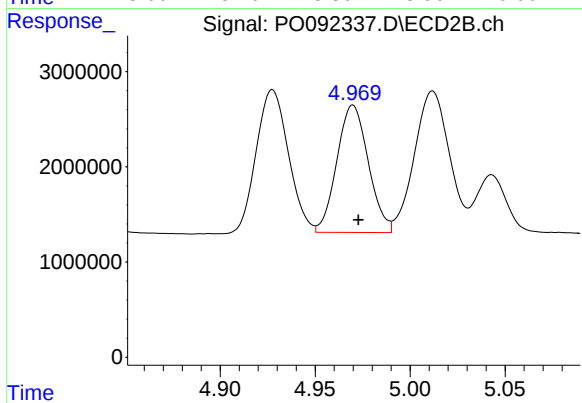
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 17531483
Conc: 495.87 ng/ml



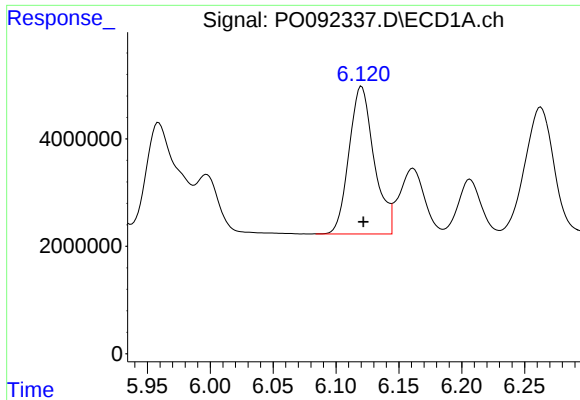
#6 AR-1016-4

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 36179082
Conc: 542.69 ng/ml



#6 AR-1016-4

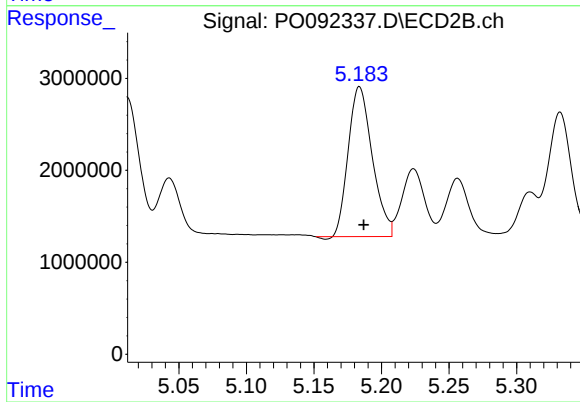
R.T.: 4.970 min
Delta R.T.: -0.003 min
Response: 15422946
Conc: 495.80 ng/ml



#7 AR-1016-5

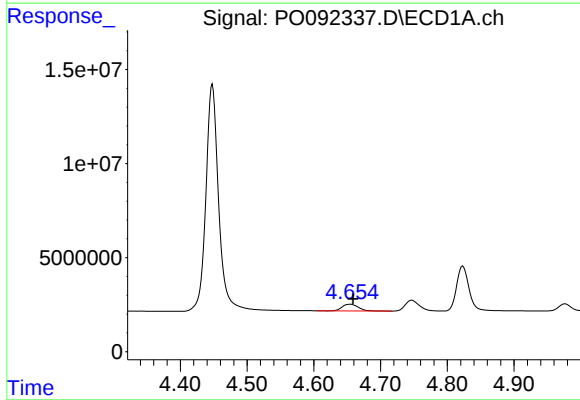
R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 38047916
Conc: 529.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



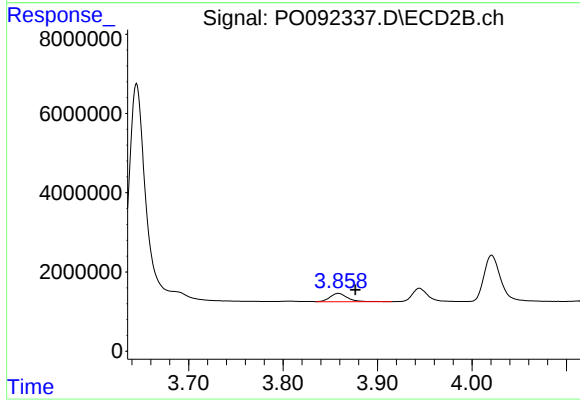
#7 AR-1016-5

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 20118981
Conc: 505.93 ng/ml



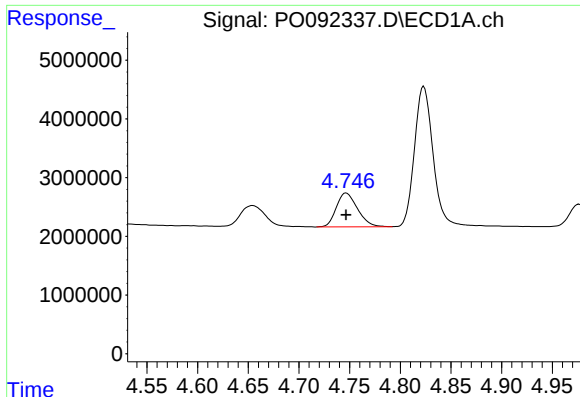
#8 AR-1221-1

R.T.: 4.654 min
Delta R.T.: -0.004 min
Response: 5984027
Conc: 158.29 ng/ml



#8 AR-1221-1

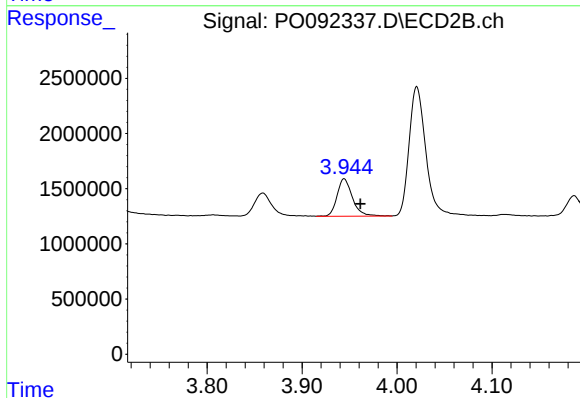
R.T.: 3.859 min
Delta R.T.: -0.018 min
Response: 2756217
Conc: 145.60 ng/ml



#9 AR-1221-2

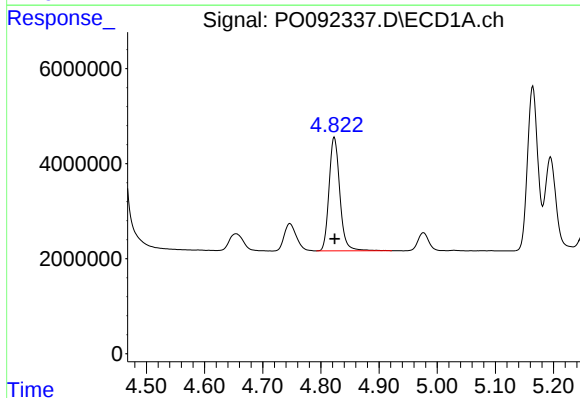
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 8448213
Conc: 305.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



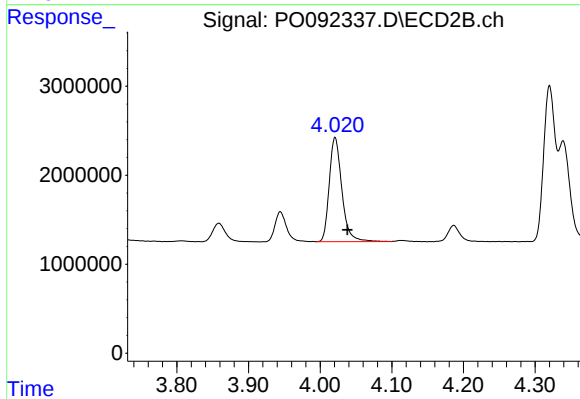
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: -0.017 min
Response: 3822947
Conc: 272.02 ng/ml



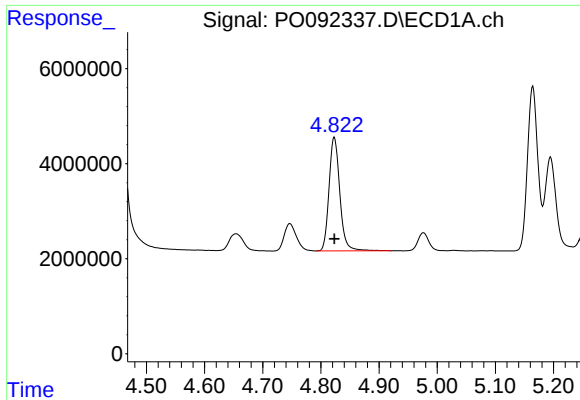
#10 AR-1221-3

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 30857502
Conc: 365.68 ng/ml



#10 AR-1221-3

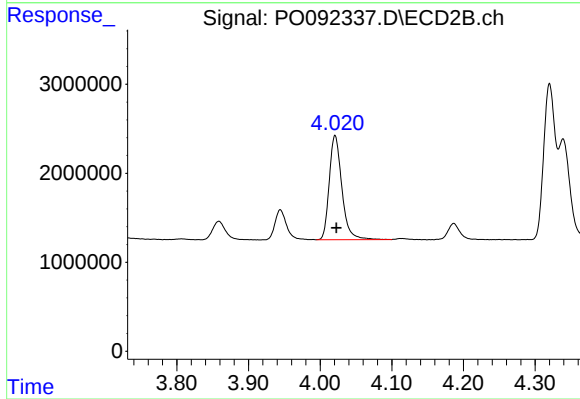
R.T.: 4.021 min
Delta R.T.: -0.017 min
Response: 14348865
Conc: 342.66 ng/ml



#11 AR-1232-1

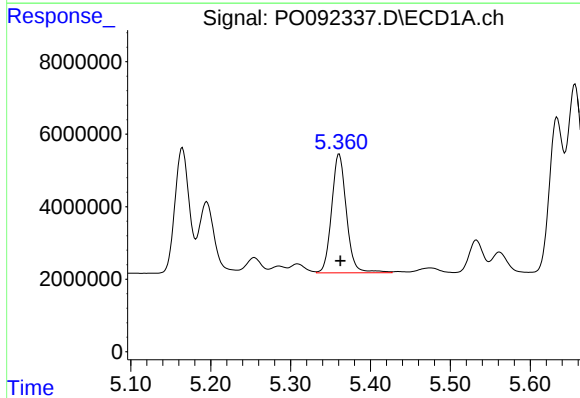
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 30857502
Conc: 445.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



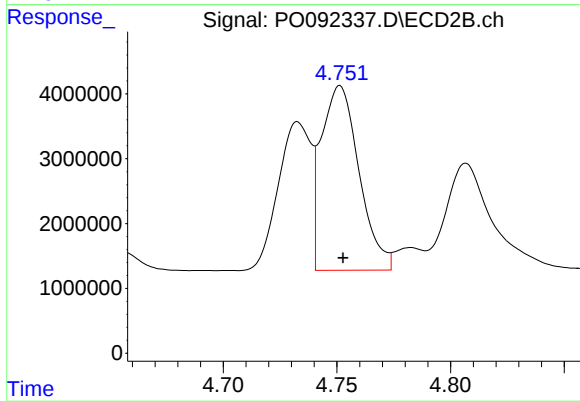
#11 AR-1232-1

R.T.: 4.021 min
Delta R.T.: -0.002 min
Response: 14348865
Conc: 407.93 ng/ml



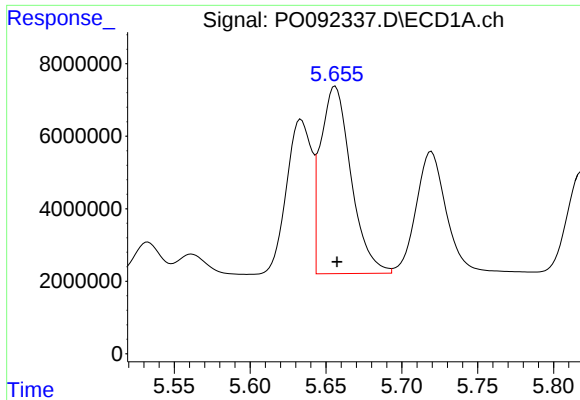
#12 AR-1232-2

R.T.: 5.361 min
Delta R.T.: -0.001 min
Response: 42097201
Conc: 1204.88 ng/ml



#12 AR-1232-2

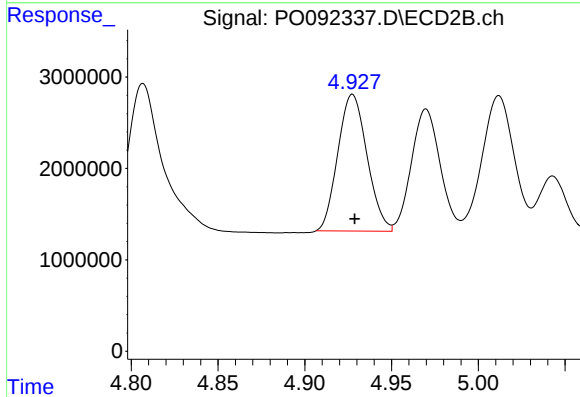
R.T.: 4.751 min
Delta R.T.: -0.001 min
Response: 32998552
Conc: 1076.45 ng/ml



#13 AR-1232-3

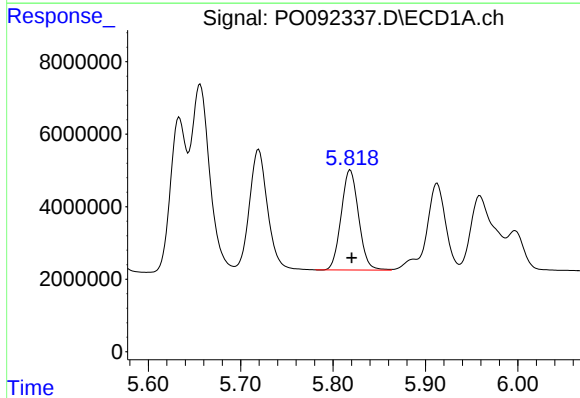
R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 72239520
Conc: 1179.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



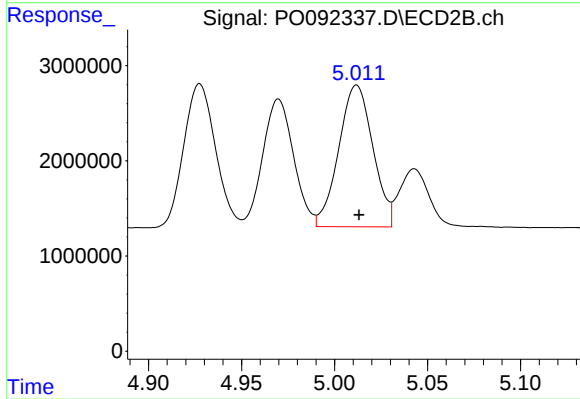
#13 AR-1232-3

R.T.: 4.928 min
Delta R.T.: -0.001 min
Response: 17531483
Conc: 1088.94 ng/ml



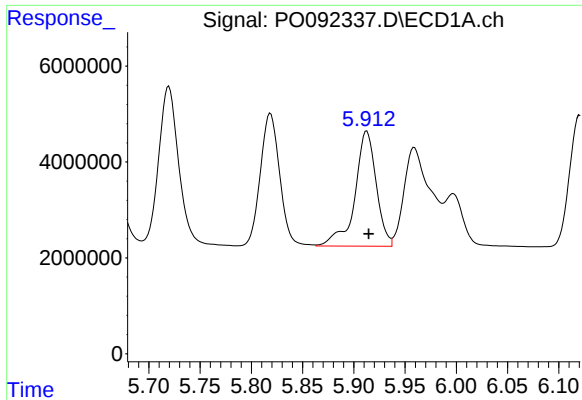
#14 AR-1232-4

R.T.: 5.819 min
Delta R.T.: -0.002 min
Response: 36179082
Conc: 1207.15 ng/ml



#14 AR-1232-4

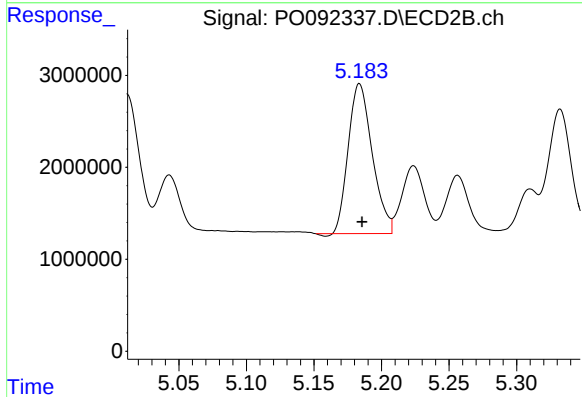
R.T.: 5.012 min
Delta R.T.: -0.001 min
Response: 19032271
Conc: 1165.23 ng/ml



#15 AR-1232-5

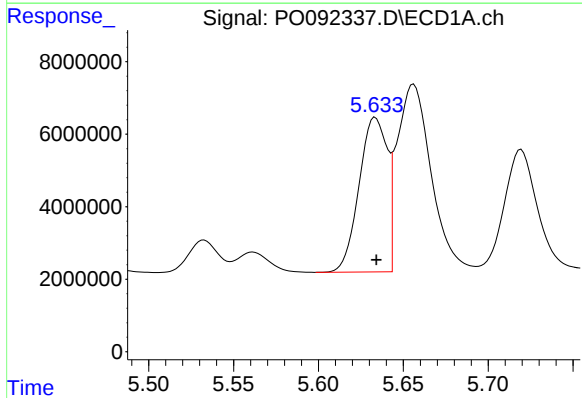
R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 34759244
Conc: 1406.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



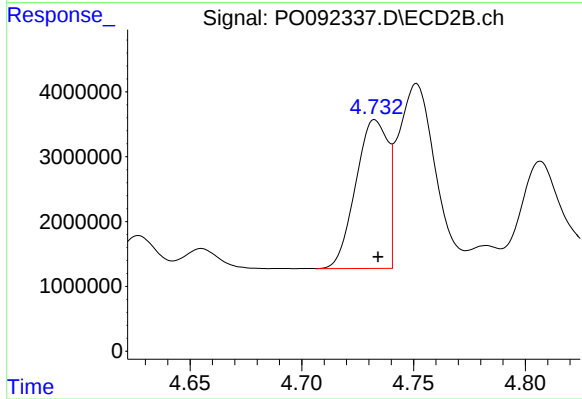
#15 AR-1232-5

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 20118981
Conc: 1124.80 ng/ml



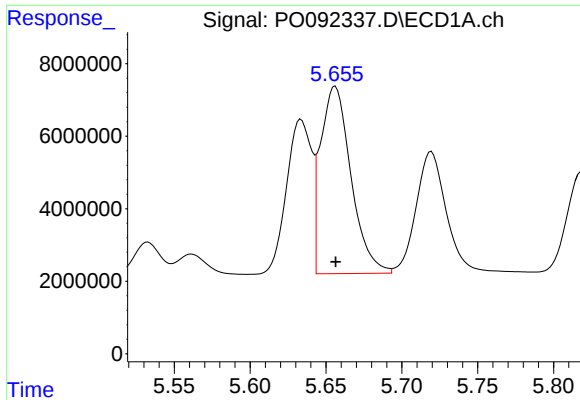
#16 AR-1242-1

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 48964467
Conc: 627.84 ng/ml



#16 AR-1242-1

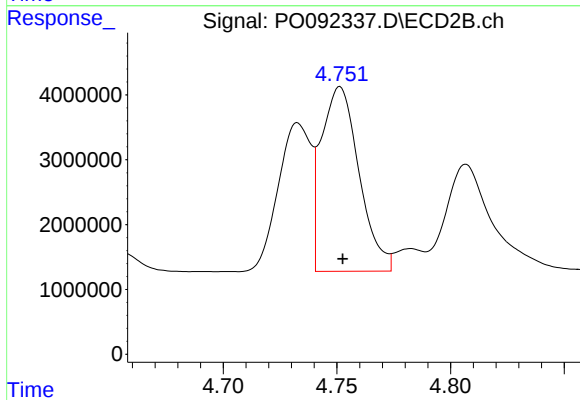
R.T.: 4.733 min
Delta R.T.: -0.001 min
Response: 22989768
Conc: 589.44 ng/ml



#17 AR-1242-2

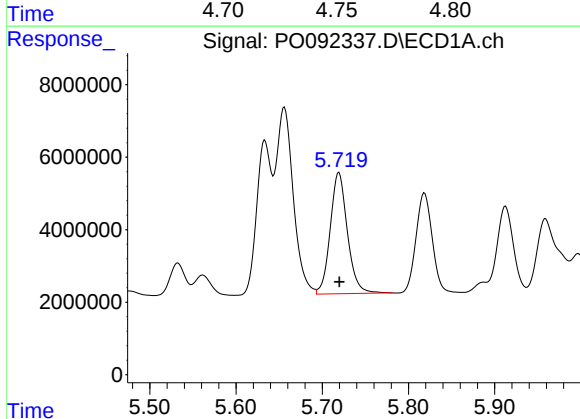
R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 72239520
Conc: 641.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



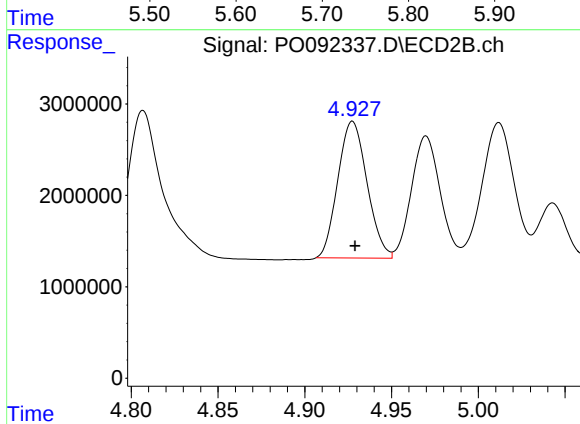
#17 AR-1242-2

R.T.: 4.751 min
Delta R.T.: -0.001 min
Response: 32998552
Conc: 607.58 ng/ml



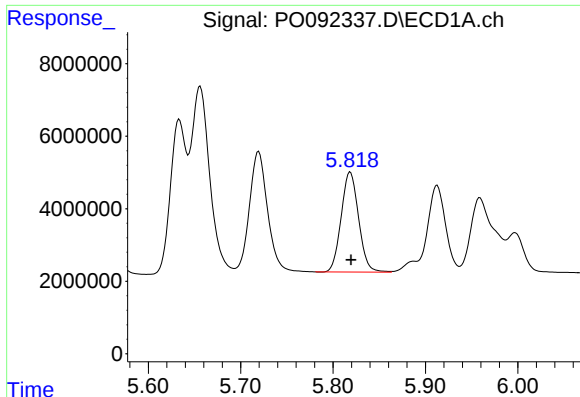
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 46175156
Conc: 636.08 ng/ml



#18 AR-1242-3

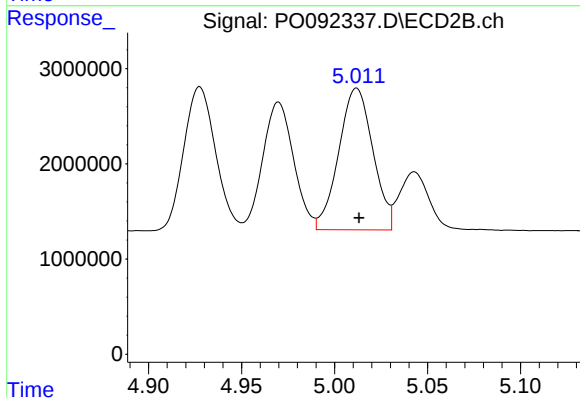
R.T.: 4.928 min
Delta R.T.: -0.001 min
Response: 17531483
Conc: 601.96 ng/ml



#19 AR-1242-4

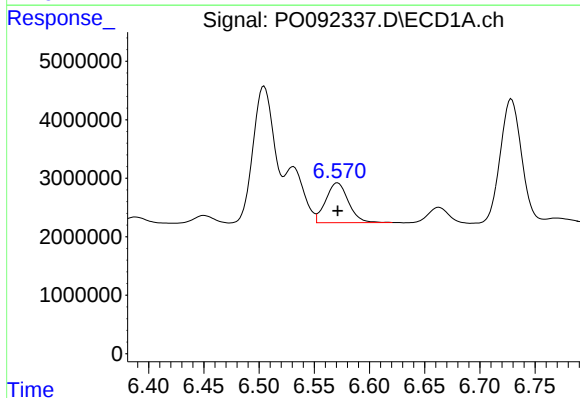
R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 36179082
Conc: 653.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



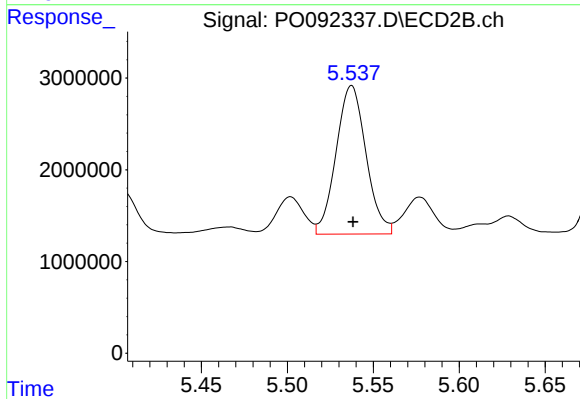
#19 AR-1242-4

R.T.: 5.012 min
Delta R.T.: -0.001 min
Response: 19032271
Conc: 591.69 ng/ml



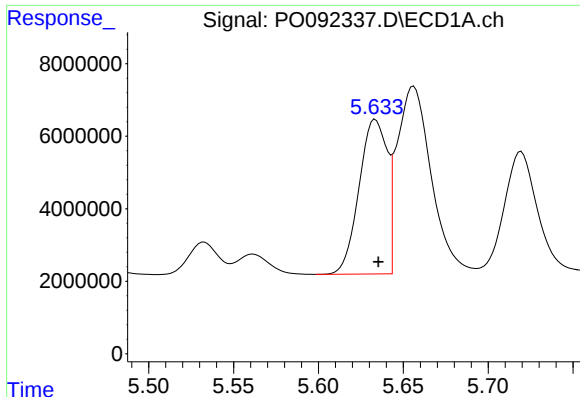
#20 AR-1242-5

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 9722095
Conc: 174.16 ng/ml



#20 AR-1242-5

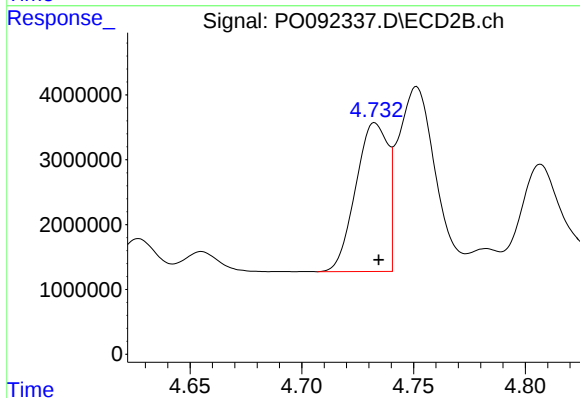
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 19613712
Conc: 541.79 ng/ml



#21 AR-1248-1

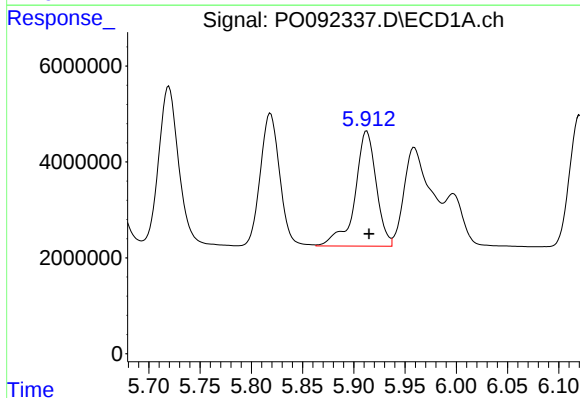
R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 48964467
Conc: 843.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



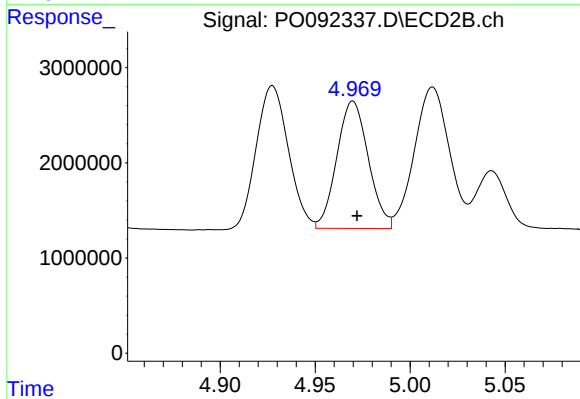
#21 AR-1248-1

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 22989768
Conc: 789.15 ng/ml



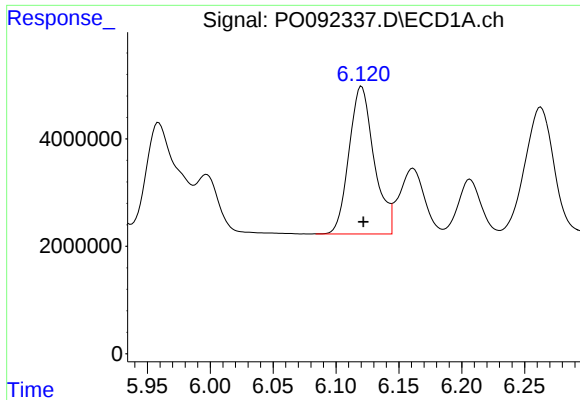
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 34759244
Conc: 380.37 ng/ml



#22 AR-1248-2

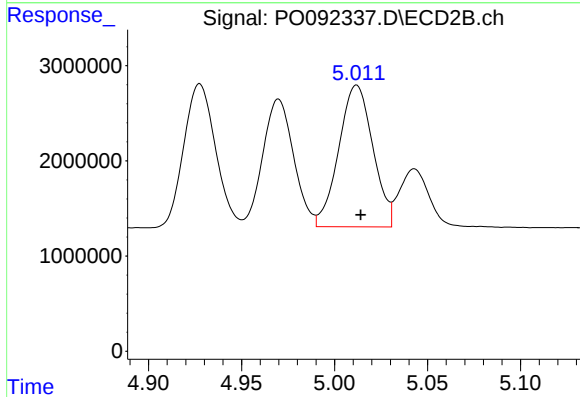
R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 15422946
Conc: 341.84 ng/ml



#23 AR-1248-3

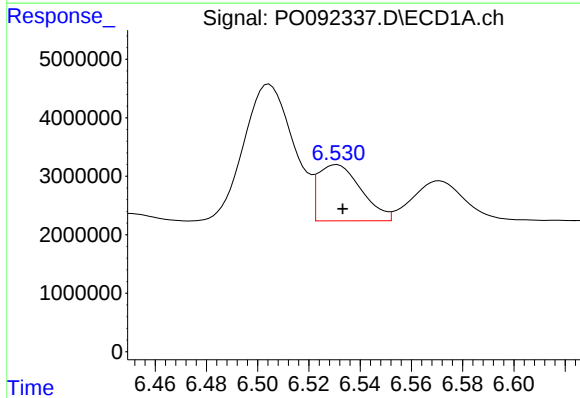
R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 38047916
Conc: 387.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



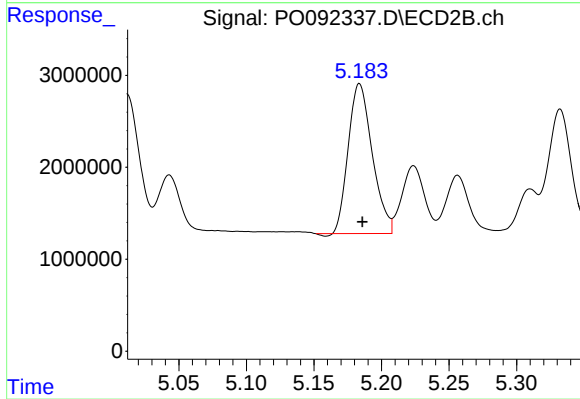
#23 AR-1248-3

R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 19032271
Conc: 408.07 ng/ml



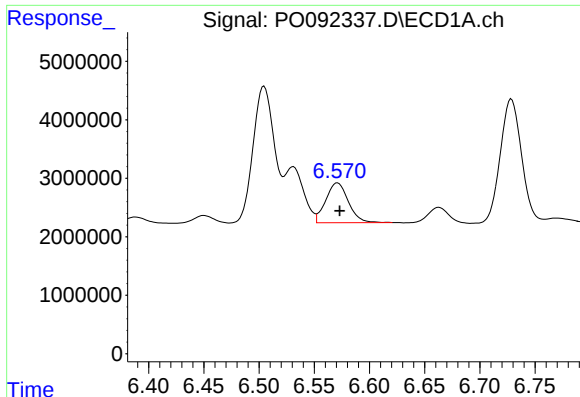
#24 AR-1248-4

R.T.: 6.531 min
Delta R.T.: -0.003 min
Response: 11208371
Conc: 114.48 ng/ml



#24 AR-1248-4

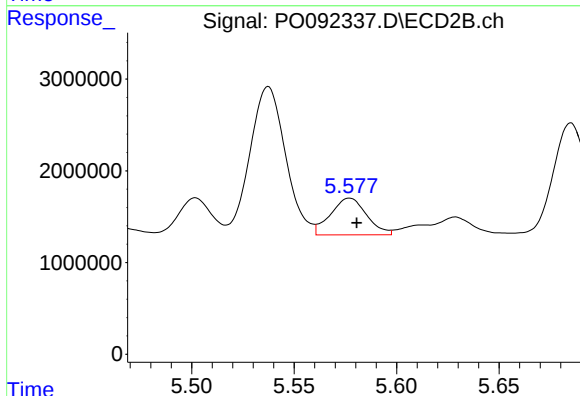
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 20118981
Conc: 374.45 ng/ml



#25 AR-1248-5

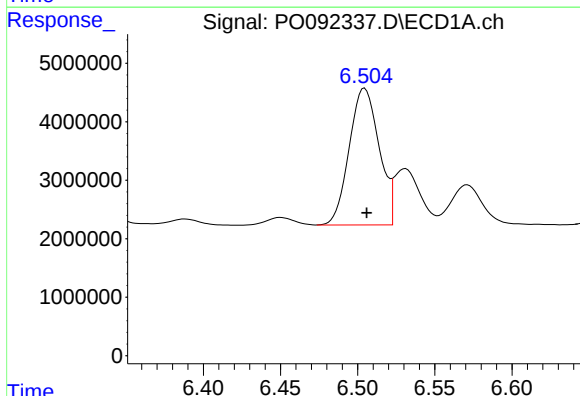
R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 9722095
Conc: 103.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



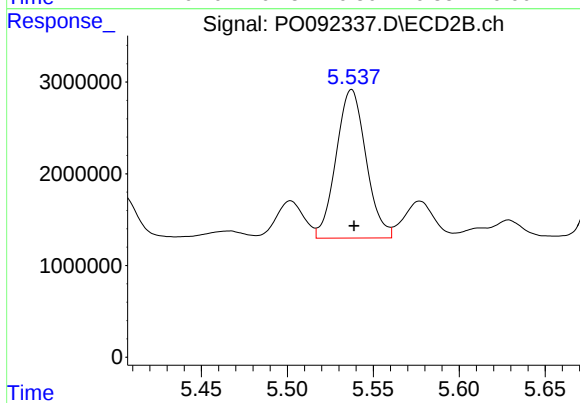
#25 AR-1248-5

R.T.: 5.577 min
Delta R.T.: -0.003 min
Response: 4918397
Conc: 103.89 ng/ml



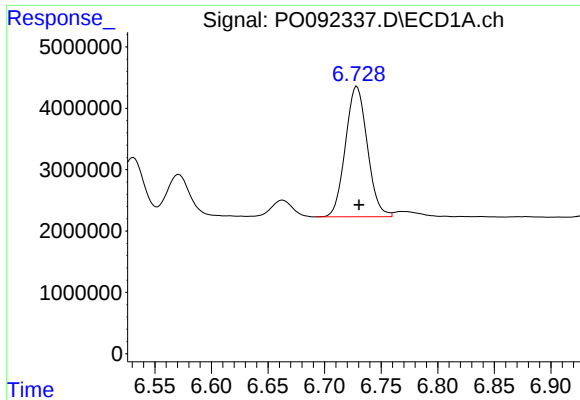
#26 AR-1254-1

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 31568258
Conc: 285.13 ng/ml



#26 AR-1254-1

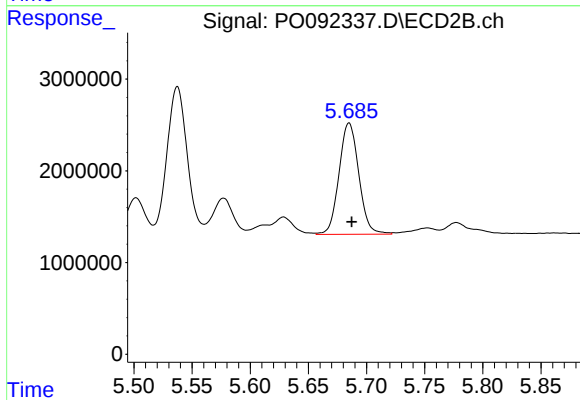
R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 19613712
Conc: 250.21 ng/ml



#27 AR-1254-2

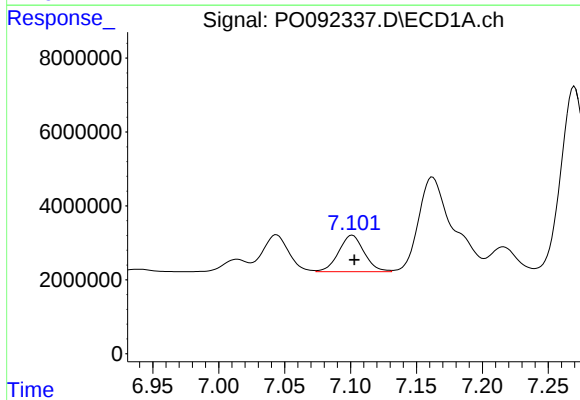
R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 28663013
Conc: 176.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



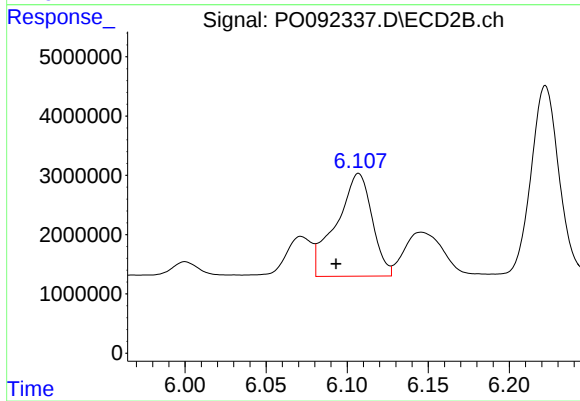
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 14391515
Conc: 208.00 ng/ml



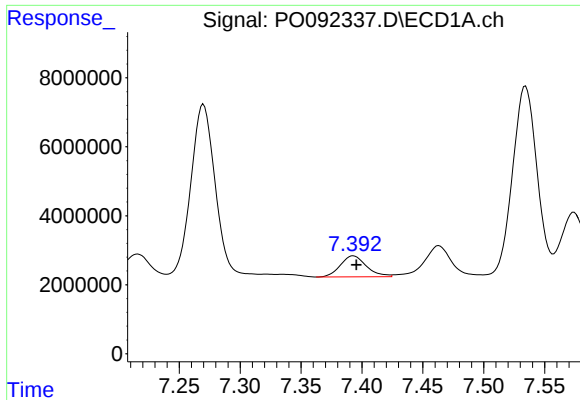
#28 AR-1254-3

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 13237459
Conc: 80.26 ng/ml



#28 AR-1254-3

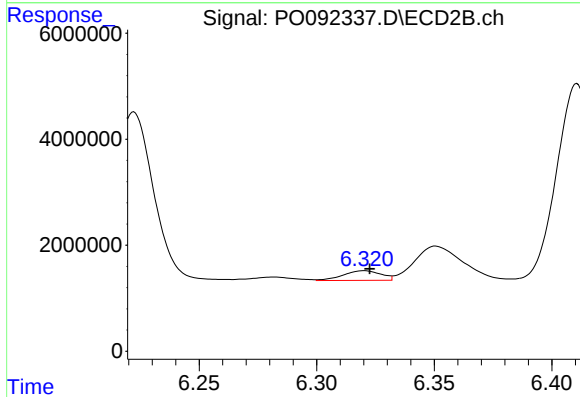
R.T.: 6.107 min
Delta R.T.: 0.014 min
Response: 26610287
Conc: 249.31 ng/ml



#29 AR-1254-4

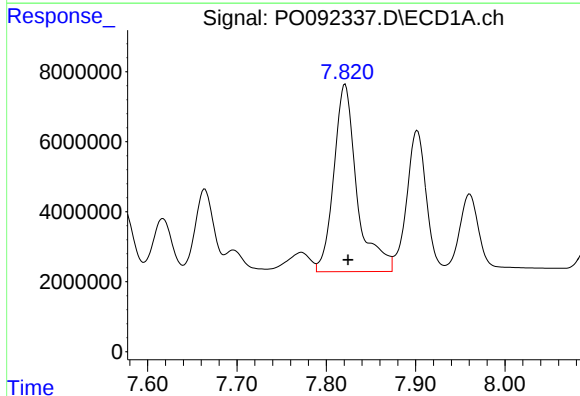
R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 9092266
Conc: 83.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



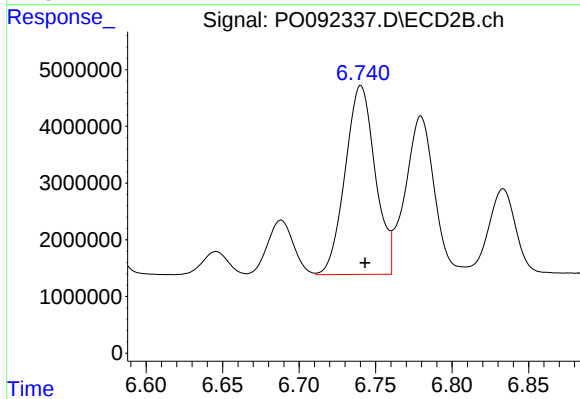
#29 AR-1254-4

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 2057003
Conc: 34.93 ng/ml



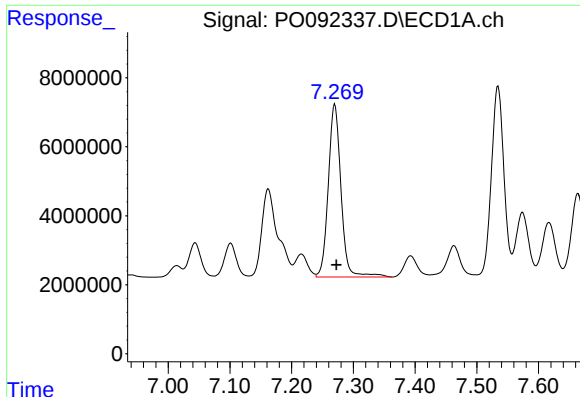
#30 AR-1254-5

R.T.: 7.821 min
Delta R.T.: -0.003 min
Response: 96471473
Conc: 685.66 ng/ml



#30 AR-1254-5

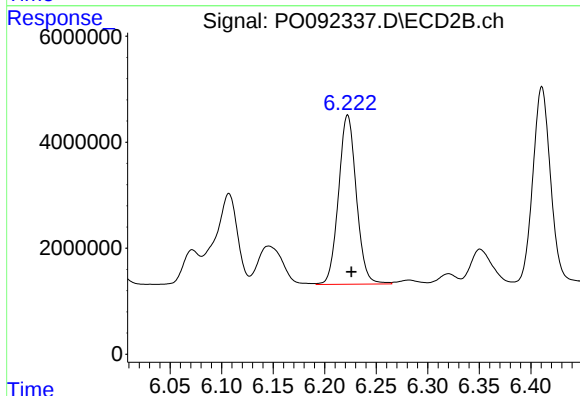
R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 45543835
Conc: 500.40 ng/ml



#31 AR-1260-1

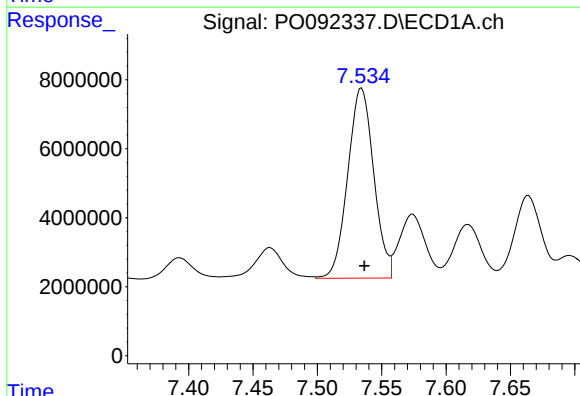
R.T.: 7.270 min
Delta R.T.: -0.003 min
Response: 71915658
Conc: 545.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



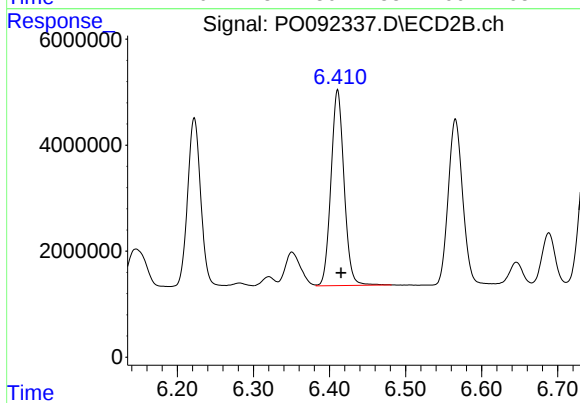
#31 AR-1260-1

R.T.: 6.222 min
Delta R.T.: -0.004 min
Response: 38477351
Conc: 509.37 ng/ml



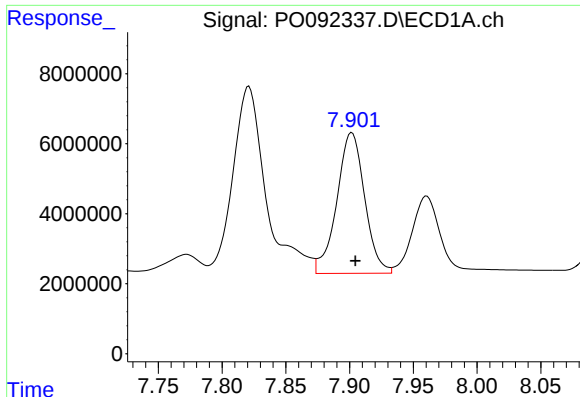
#32 AR-1260-2

R.T.: 7.534 min
Delta R.T.: -0.002 min
Response: 77499575
Conc: 522.63 ng/ml



#32 AR-1260-2

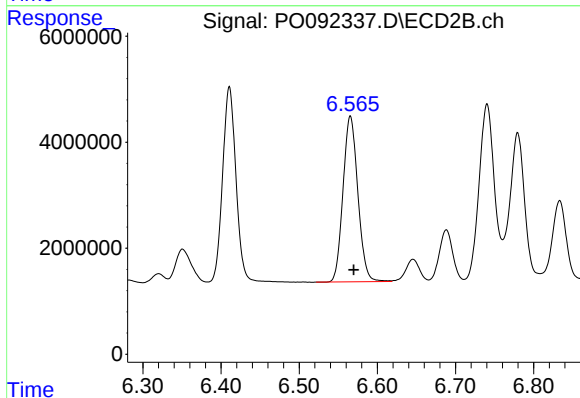
R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 44161284
Conc: 504.04 ng/ml



#33 AR-1260-3

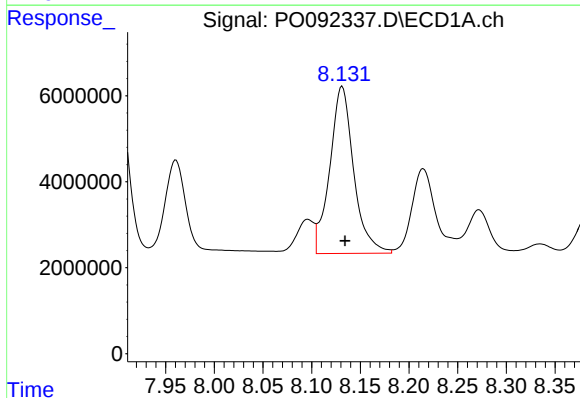
R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 61098989
Conc: 539.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



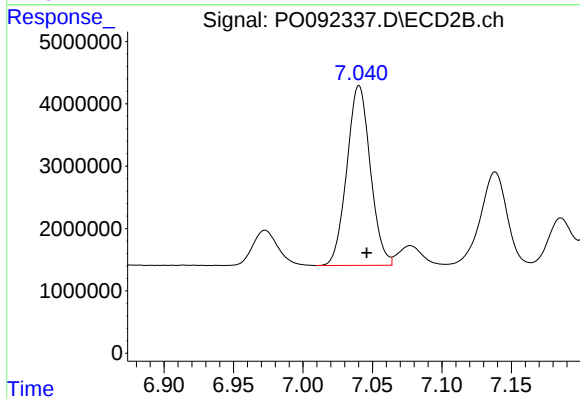
#33 AR-1260-3

R.T.: 6.566 min
Delta R.T.: -0.004 min
Response: 41237457
Conc: 475.69 ng/ml



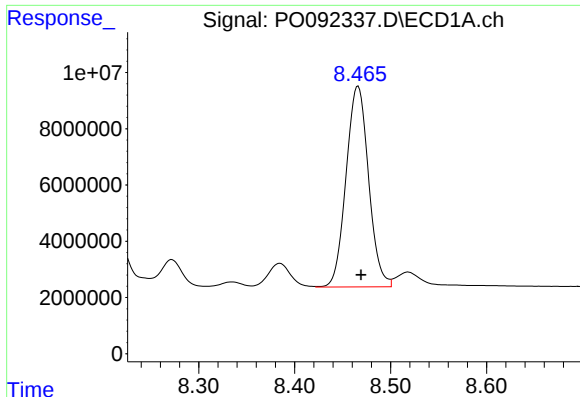
#34 AR-1260-4

R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 66634550
Conc: 537.53 ng/ml



#34 AR-1260-4

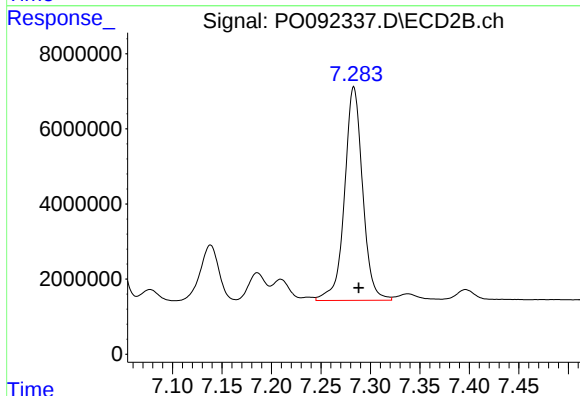
R.T.: 7.040 min
Delta R.T.: -0.006 min
Response: 33977520
Conc: 507.37 ng/ml



#35 AR-1260-5

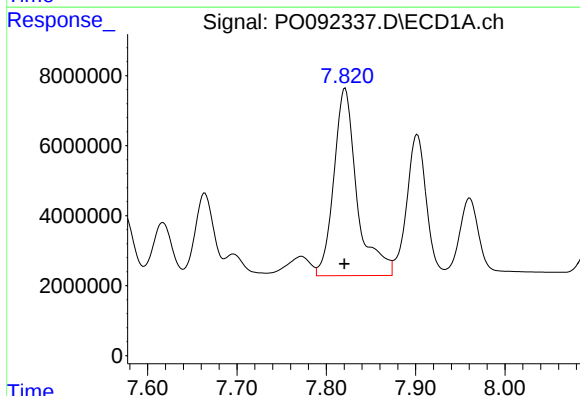
R.T.: 8.466 min
Delta R.T.: -0.003 min
Response: 116709197
Conc: 525.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



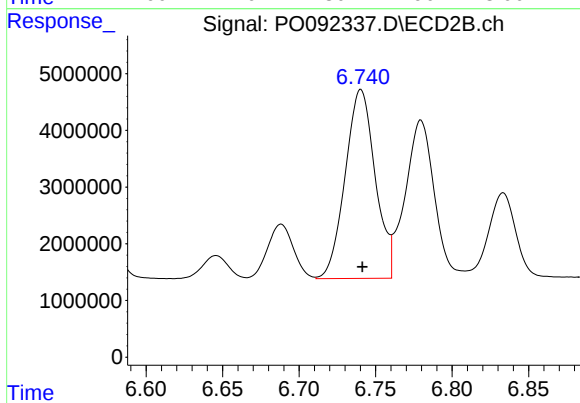
#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: -0.005 min
Response: 72436256
Conc: 509.04 ng/ml



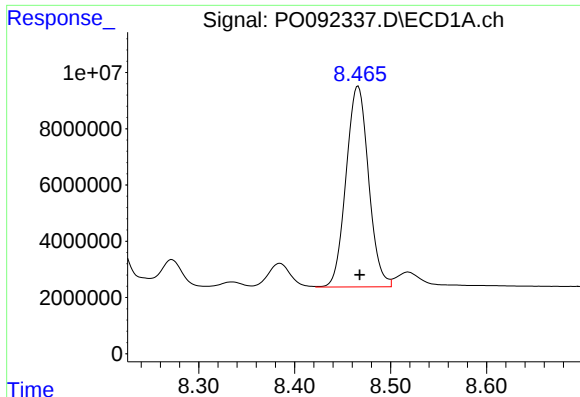
#36 AR-1262-1

R.T.: 7.821 min
Delta R.T.: 0.000 min
Response: 96471473
Conc: 892.84 ng/ml



#36 AR-1262-1

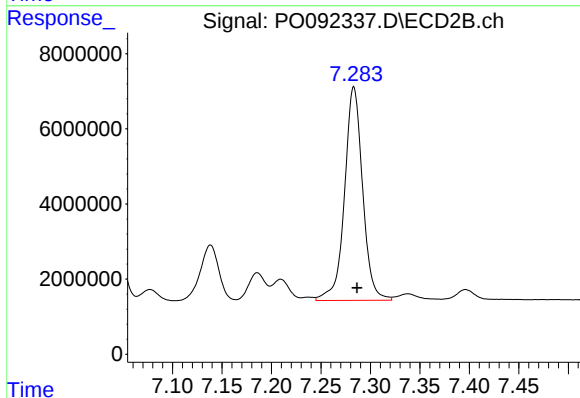
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 45543835
Conc: 981.34 ng/ml



#37 AR-1262-2

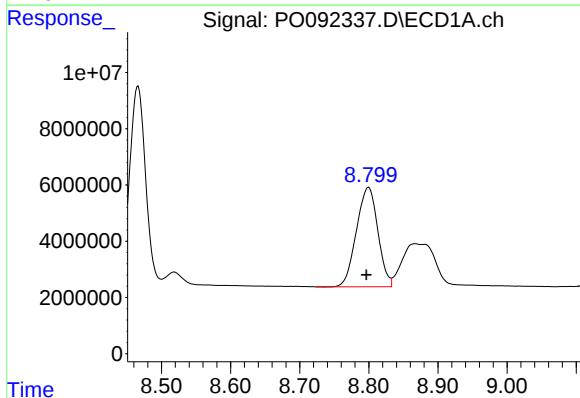
R.T.: 8.466 min
Delta R.T.: -0.002 min
Response: 116709197
Conc: 488.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



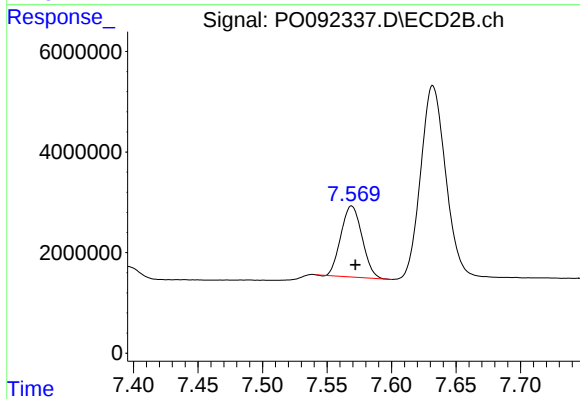
#37 AR-1262-2

R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 72436256
Conc: 490.97 ng/ml



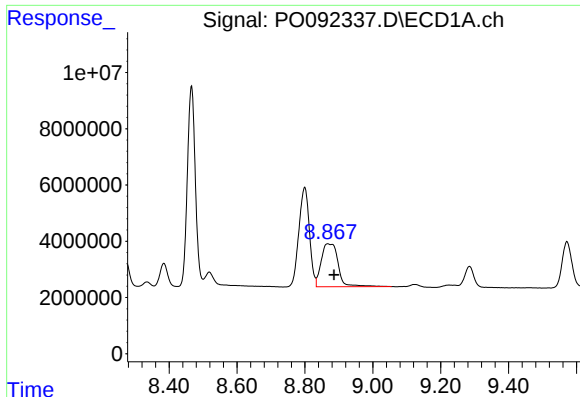
#38 AR-1262-3

R.T.: 8.800 min
Delta R.T.: 0.003 min
Response: 76176885
Conc: 450.63 ng/ml



#38 AR-1262-3

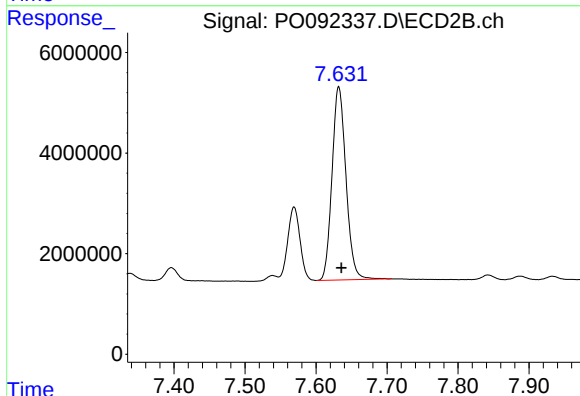
R.T.: 7.569 min
Delta R.T.: -0.003 min
Response: 16154249
Conc: 258.48 ng/ml



#39 AR-1262-4

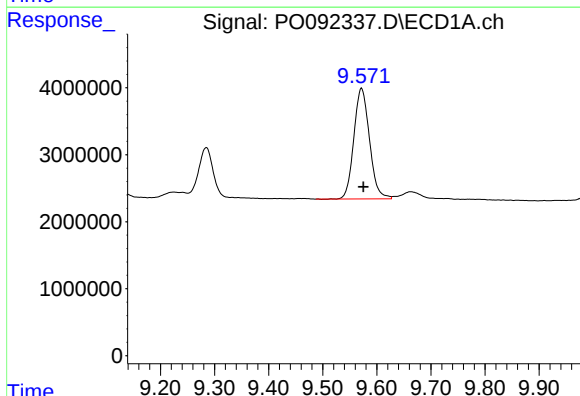
R.T.: 8.867 min
Delta R.T.: -0.018 min
Response: 52734949
Conc: 518.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



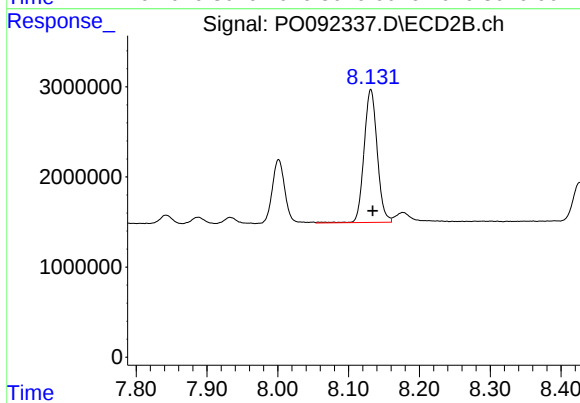
#39 AR-1262-4

R.T.: 7.632 min
Delta R.T.: -0.004 min
Response: 52395635
Conc: 478.23 ng/ml



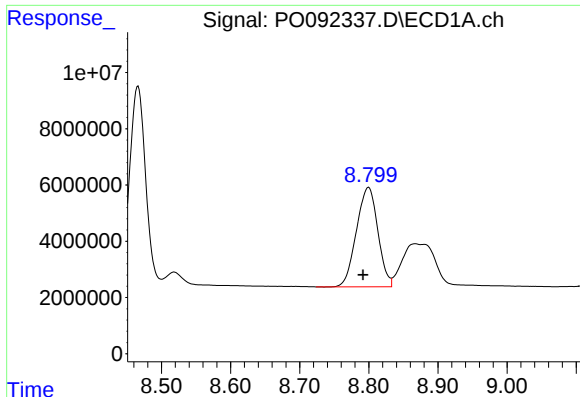
#40 AR-1262-5

R.T.: 9.572 min
Delta R.T.: -0.003 min
Response: 33126712
Conc: 370.42 ng/ml



#40 AR-1262-5

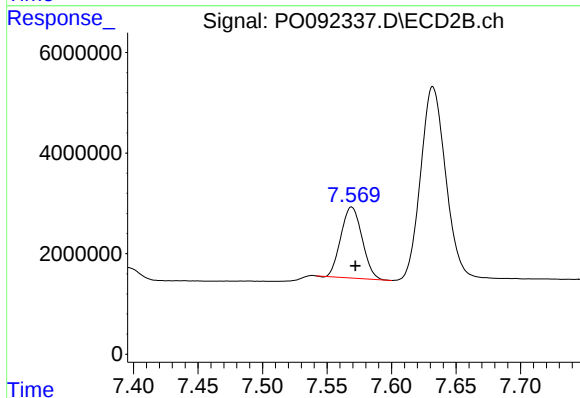
R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 19056992
Conc: 369.85 ng/ml



#41 AR-1268-1

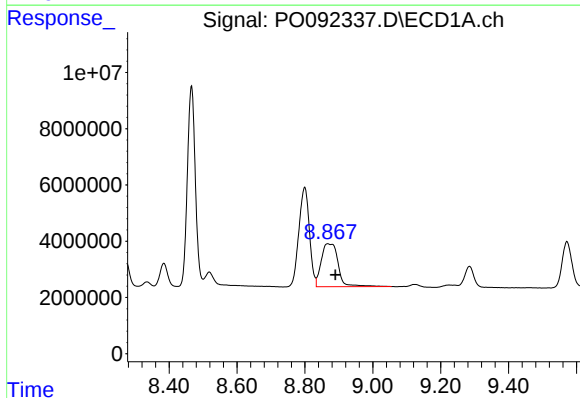
R.T.: 8.800 min
Delta R.T.: 0.008 min
Response: 76176885
Conc: 240.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



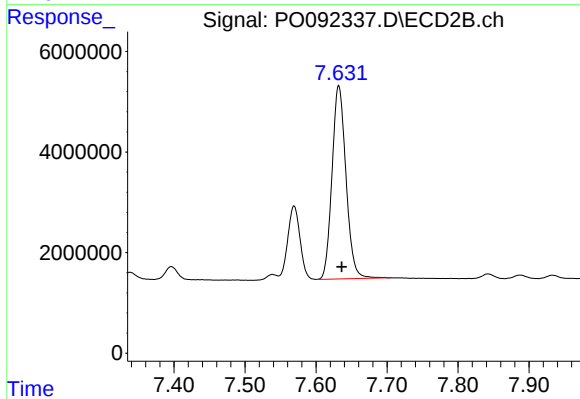
#41 AR-1268-1

R.T.: 7.569 min
Delta R.T.: -0.003 min
Response: 16154249
Conc: 88.78 ng/ml



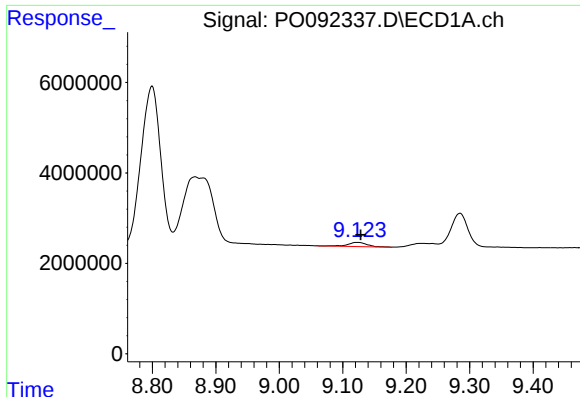
#42 AR-1268-2

R.T.: 8.867 min
Delta R.T.: -0.022 min
Response: 52734949
Conc: 174.71 ng/ml



#42 AR-1268-2

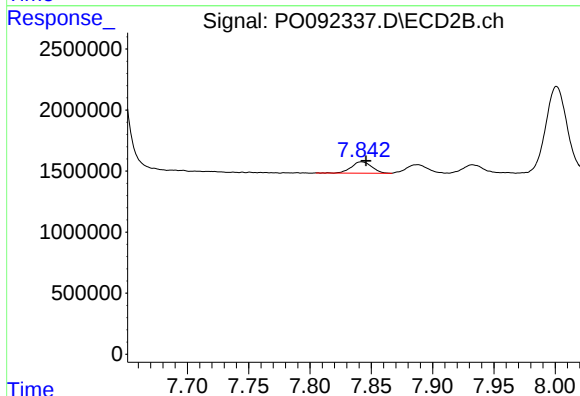
R.T.: 7.632 min
Delta R.T.: -0.004 min
Response: 52395635
Conc: 316.62 ng/ml



#43 AR-1268-3

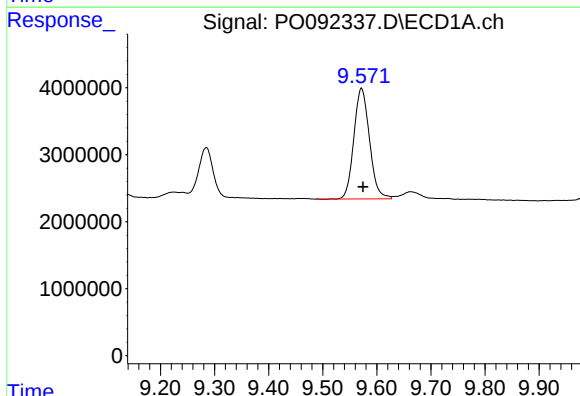
R.T.: 9.123 min
Delta R.T.: -0.005 min
Response: 1942974
Conc: 7.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



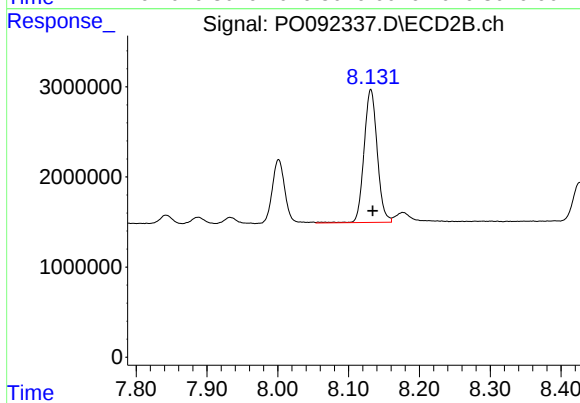
#43 AR-1268-3

R.T.: 7.842 min
Delta R.T.: -0.004 min
Response: 1073516
Conc: 7.23 ng/ml



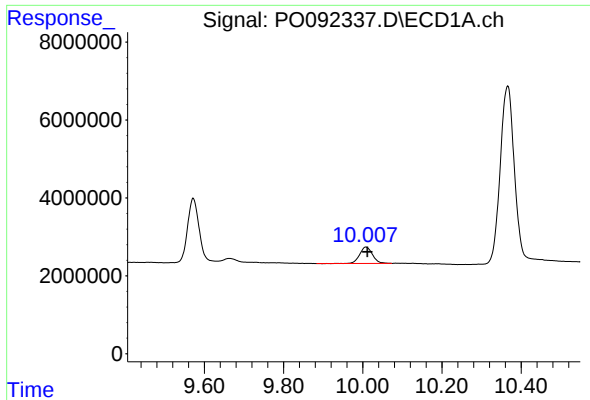
#44 AR-1268-4

R.T.: 9.572 min
Delta R.T.: -0.003 min
Response: 33126712
Conc: 316.94 ng/ml



#44 AR-1268-4

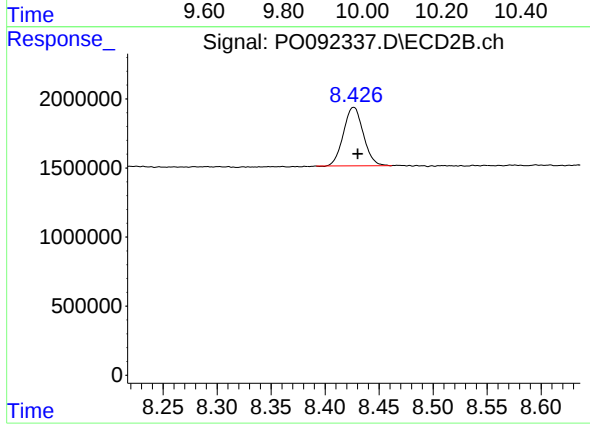
R.T.: 8.131 min
Delta R.T.: -0.003 min
Response: 19056992
Conc: 303.59 ng/ml



#45 AR-1268-5

R.T.: 10.008 min
Delta R.T.: -0.004 min
Response: 9407436
Conc: 11.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.004 min
Response: 5418628
Conc: 12.80 ng/ml