

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022423\
 Data File : P0092693.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 12:38
 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 25 04:07:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 22 05:46:11 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...	4.450	3.639	152.5E6	59745197	50.773	46.871
2)	SA Decachlor...	10.284	8.676	98706445	49410642	51.316	42.398
Target Compounds							
3)	L1 AR-1016-1	5.626	4.726	45588241	18693231	496.016	462.724
4)	L1 AR-1016-2	5.626	4.745	45588241	26710186	342.046	462.579 #
5)	L1 AR-1016-3	5.711	4.921	42830355	14648712	493.313	467.470
6)	L1 AR-1016-4	5.810	4.964	28344220	13161354	434.046	470.769
7)	L1 AR-1016-5	6.108	5.177	36072638	16627297	507.565	468.734
8)	L2 AR-1221-1	4.655	3.852	5376971	2087256	136.036	129.192
9)	L2 AR-1221-2	4.746	3.939	7969419	3063329	276.975	253.023
10)	L2 AR-1221-3	4.823	4.015	29681155	11890592	337.018	319.343
11)	L3 AR-1232-1	4.823	4.015	29681155	11890592	422.381	379.809
12)	L3 AR-1232-2	5.356	4.745	36634986	26710186	1065.226	991.516
13)	L3 AR-1232-3	5.626	4.921	45588241	14648712	745.701	1045.015 #
14)	L3 AR-1232-4	5.810	5.006	28344220	15955292	960.343	1121.915
15)	L3 AR-1232-5	5.903	5.177	30197397	16627297	1162.839	1069.262
16)	L4 AR-1242-1	5.626	4.726	45588241	18693231	577.789	556.659
17)	L4 AR-1242-2	5.626	4.745	45588241	26710186	396.310	557.012 #
18)	L4 AR-1242-3	5.711	4.921	42830355	14648712	580.177	562.551
19)	L4 AR-1242-4	5.810	5.006	28344220	15955292	511.751	553.322
20)	L4 AR-1242-5	6.554	5.530	9445130	15779798	161.254	504.323 #
21)	L5 AR-1248-1	5.626	4.726	45588241	18693231	743.684	713.901
22)	L5 AR-1248-2	5.903	4.964	30197397	13161354	313.777	325.304
23)	L5 AR-1248-3	6.108	5.006	36072638	15955292	351.523	378.575
24)	L5 AR-1248-4	6.488	5.177	30638079	16627297	306.139	344.229
25)	L5 AR-1248-5	6.554	5.571	9445130	3530988	93.305	84.601
26)	L6 AR-1254-1	6.488	5.530	30638079	15779798	270.221	225.390
27)	L6 AR-1254-2	6.709	5.679	26046976	11708348	156.717	186.621
28)	L6 AR-1254-3	7.078	6.065	11070939	5812027	67.629	60.292
29)	L6 AR-1254-4	7.366	6.313	6495654	1379724	62.589	26.738 #
30)	L6 AR-1254-5	7.788	6.733	84933055	36577882	692.745	450.515 #
31)	L7 AR-1260-1	7.244	6.215	61692934	31279645	505.556	459.128
32)	L7 AR-1260-2	7.504	6.404	69289247	36456905	471.422	453.542
33)	L7 AR-1260-3	7.788	6.559	84933055	33806794	540.333	418.812
34)	L7 AR-1260-4	8.057	7.033	8791229	28172469	75.051	462.819 #
35)	L7 AR-1260-5	8.421	7.276	103.3E6	59061535	498.322	462.615
36)	L8 AR-1262-1	7.788	6.733	84933055	36577882	881.216	875.073
37)	L8 AR-1262-2	8.421	7.276	103.3E6	59061535	439.844	447.465
38)	L8 AR-1262-3	8.751	7.561	68715745	14702448	409.851	255.258 #
39)	L8 AR-1262-4	8.816	7.625	49039983	42432944	341.980	422.766
40)	L8 AR-1262-5	9.507	8.123	29835409	15153598	345.071	330.191
41)	L9 AR-1268-1	8.751	7.561	68715745	14702448	219.879	85.562 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

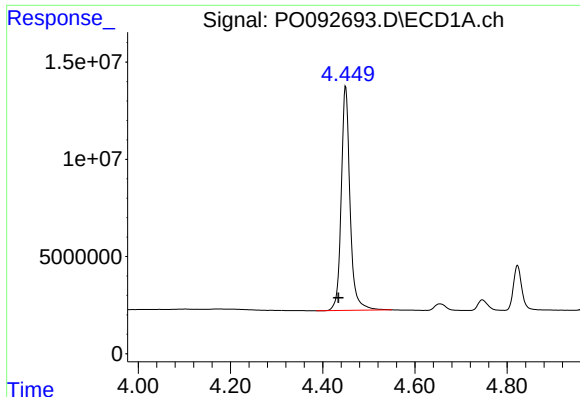
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 04:07:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.M
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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	8.816	7.625	49039983	42432944	165.792	278.745 #
43) L9	AR-1268-3	9.070	7.834	1690382	895256	6.643	6.690
44) L9	AR-1268-4	9.507	8.123	29835409	15153598	313.845	280.453
45) L9	AR-1268-5	9.934	8.418	8107217	4549731	10.837	12.444

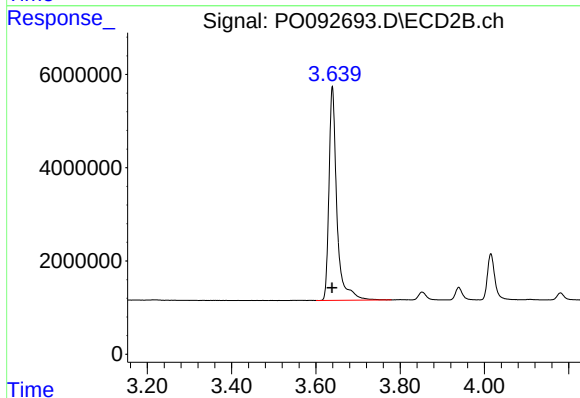
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

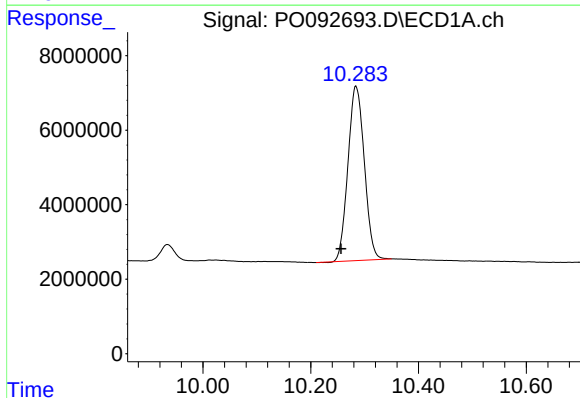
R.T.: 4.450 min
Delta R.T.: 0.016 min
Response: 152460532
Conc: 50.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



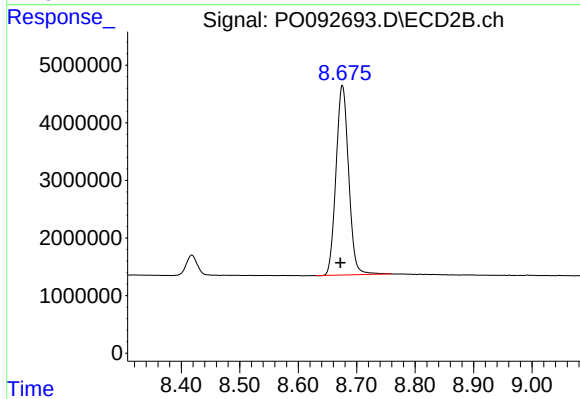
#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 59745197
Conc: 46.87 ng/ml



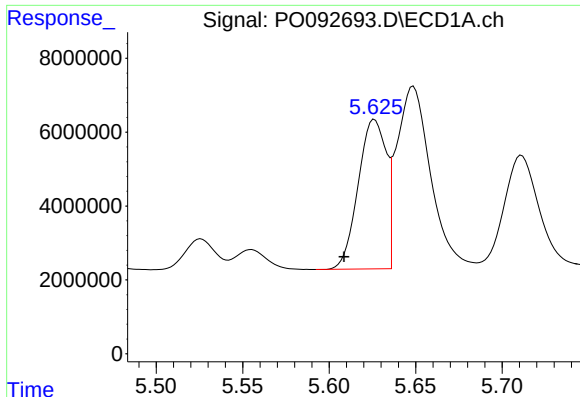
#2 Decachlorobiphenyl

R.T.: 10.284 min
Delta R.T.: 0.028 min
Response: 98706445
Conc: 51.32 ng/ml



#2 Decachlorobiphenyl

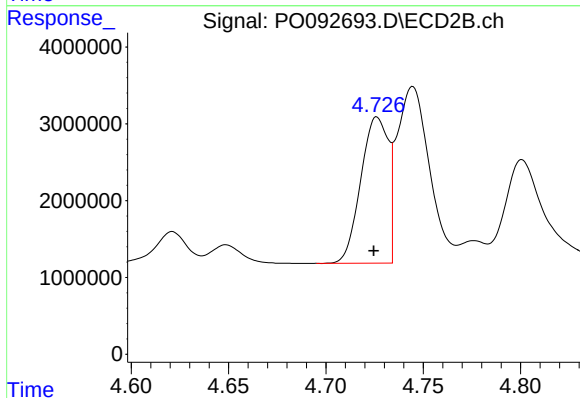
R.T.: 8.676 min
Delta R.T.: 0.003 min
Response: 49410642
Conc: 42.40 ng/ml



#3 AR-1016-1

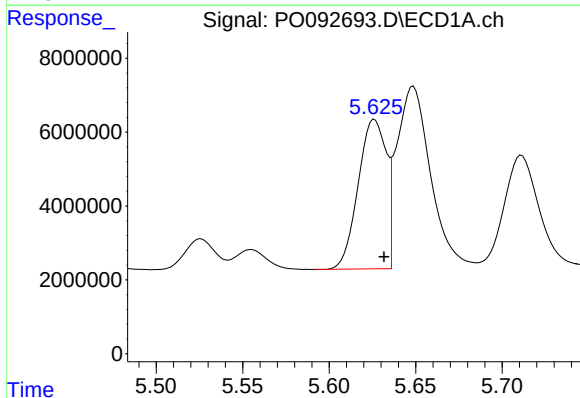
R.T.: 5.626 min
Delta R.T.: 0.018 min
Response: 45588241
Conc: 496.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



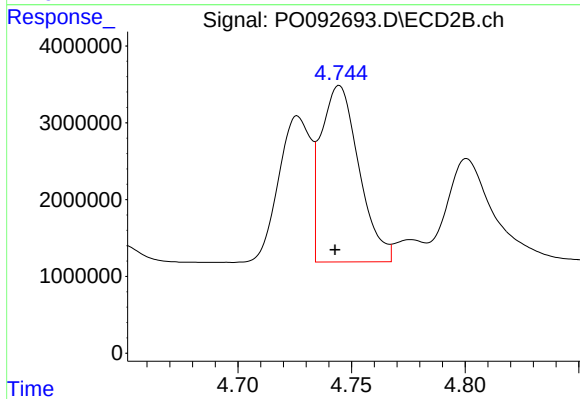
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 18693231
Conc: 462.72 ng/ml



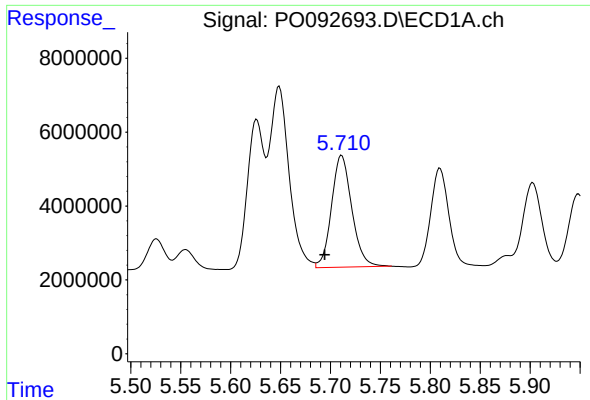
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: -0.005 min
Response: 45588241
Conc: 342.05 ng/ml



#4 AR-1016-2

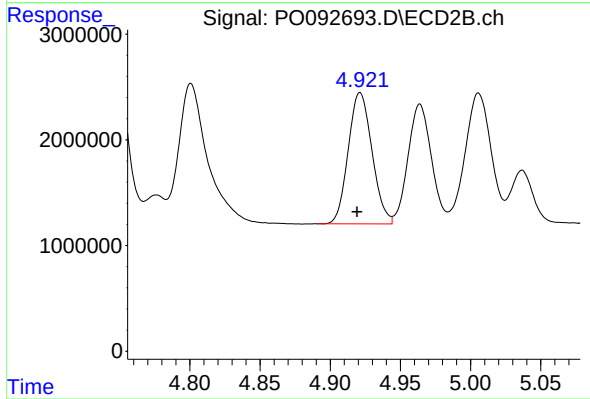
R.T.: 4.745 min
Delta R.T.: 0.002 min
Response: 26710186
Conc: 462.58 ng/ml



#5 AR-1016-3

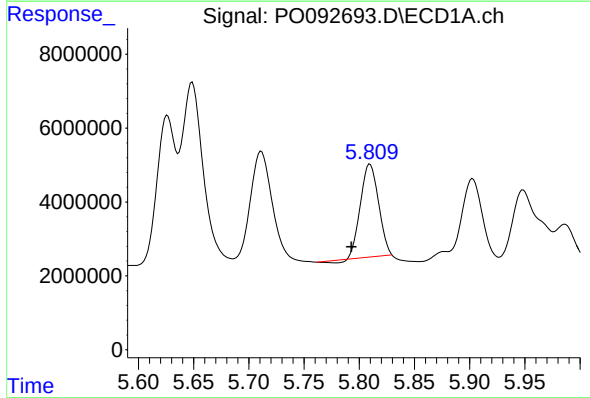
R.T.: 5.711 min
Delta R.T.: 0.017 min
Response: 42830355
Conc: 493.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



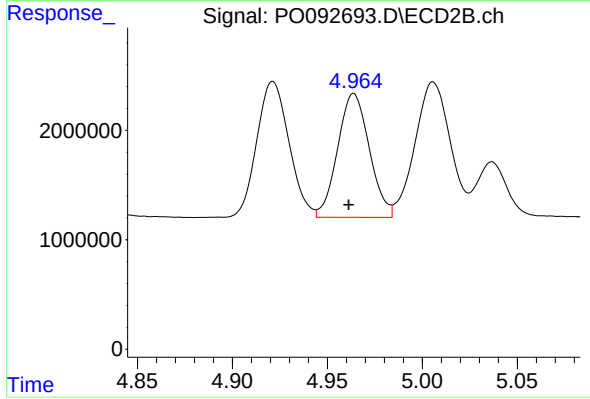
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 14648712
Conc: 467.47 ng/ml



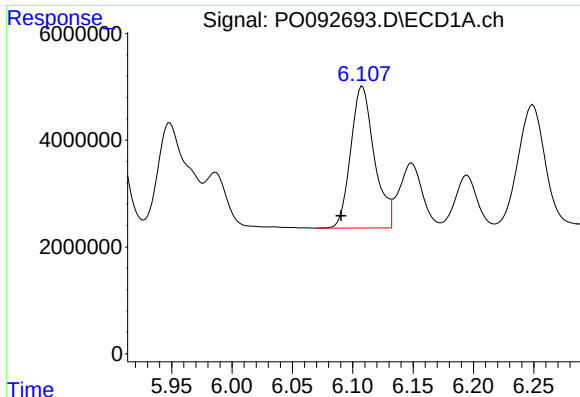
#6 AR-1016-4

R.T.: 5.810 min
Delta R.T.: 0.017 min
Response: 28344220
Conc: 434.05 ng/ml



#6 AR-1016-4

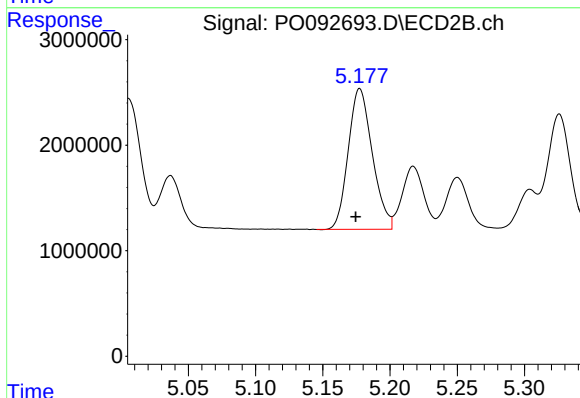
R.T.: 4.964 min
Delta R.T.: 0.003 min
Response: 13161354
Conc: 470.77 ng/ml



#7 AR-1016-5

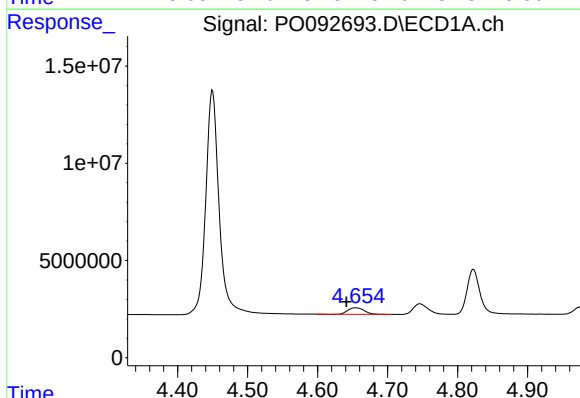
R.T.: 6.108 min
Delta R.T.: 0.018 min
Response: 36072638
Conc: 507.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



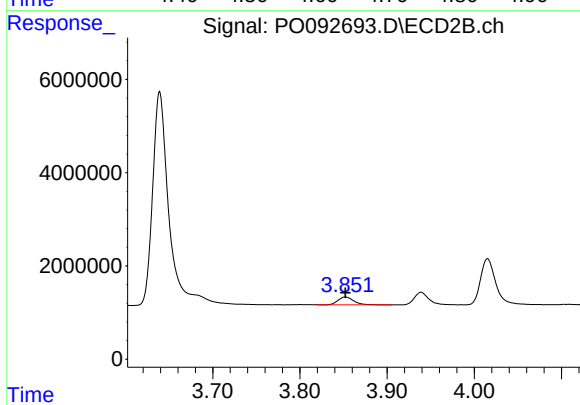
#7 AR-1016-5

R.T.: 5.177 min
Delta R.T.: 0.003 min
Response: 16627297
Conc: 468.73 ng/ml



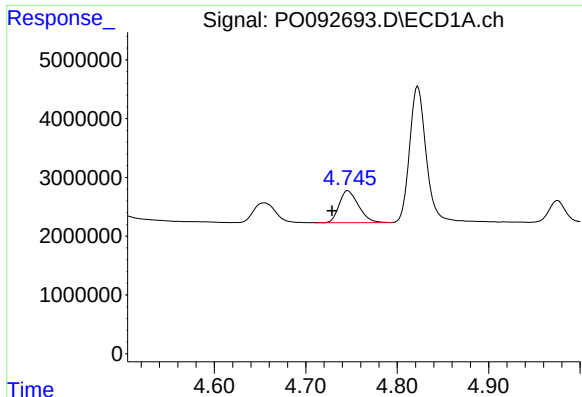
#8 AR-1221-1

R.T.: 4.655 min
Delta R.T.: 0.013 min
Response: 5376971
Conc: 136.04 ng/ml



#8 AR-1221-1

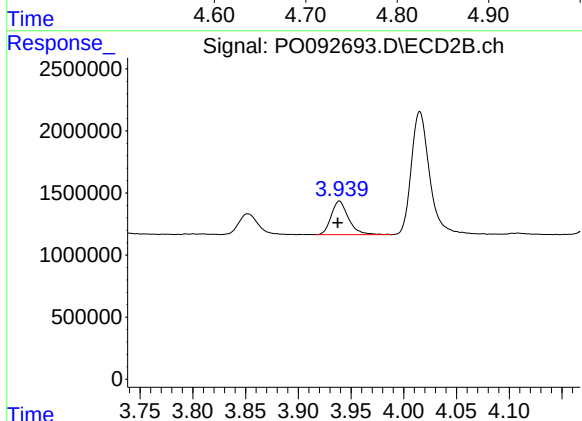
R.T.: 3.852 min
Delta R.T.: 0.000 min
Response: 2087256
Conc: 129.19 ng/ml



#9 AR-1221-2

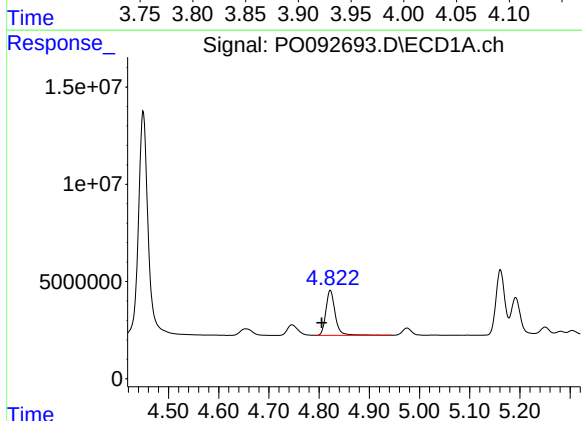
R.T.: 4.746 min
Delta R.T.: 0.018 min
Response: 7969419
Conc: 276.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



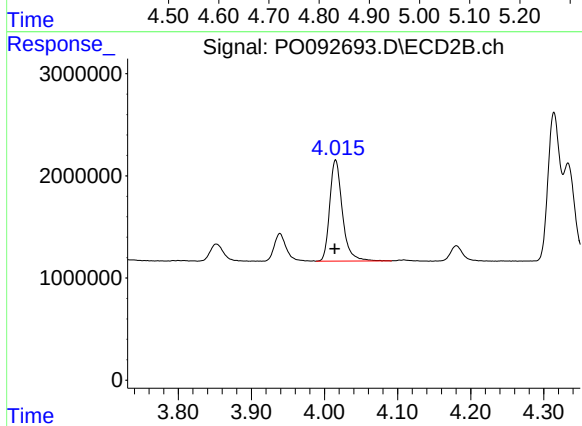
#9 AR-1221-2

R.T.: 3.939 min
Delta R.T.: 0.001 min
Response: 3063329
Conc: 253.02 ng/ml



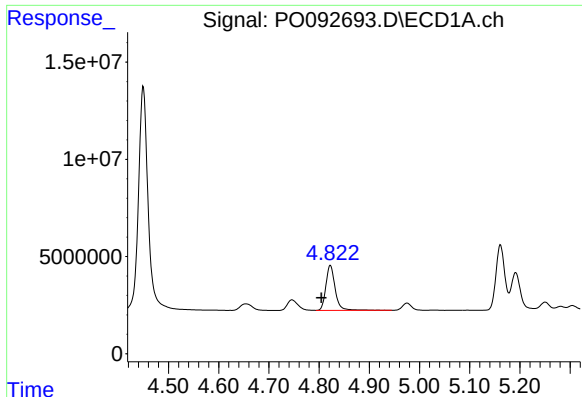
#10 AR-1221-3

R.T.: 4.823 min
Delta R.T.: 0.017 min
Response: 29681155
Conc: 337.02 ng/ml



#10 AR-1221-3

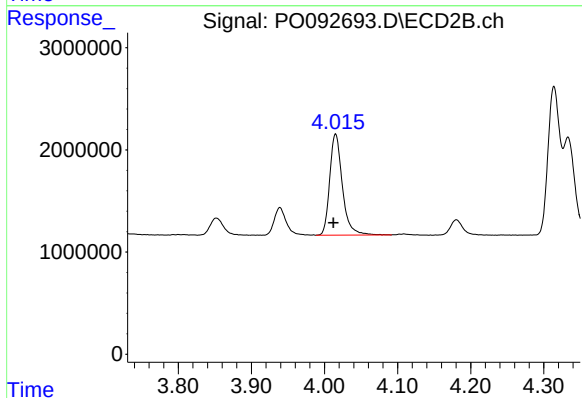
R.T.: 4.015 min
Delta R.T.: 0.001 min
Response: 11890592
Conc: 319.34 ng/ml



#11 AR-1232-1

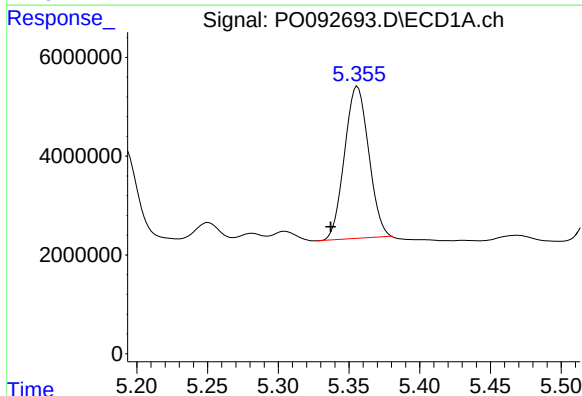
R.T.: 4.823 min
Delta R.T.: 0.018 min
Response: 29681155
Conc: 422.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



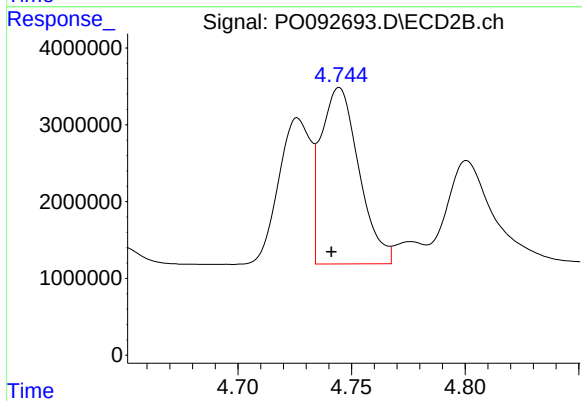
#11 AR-1232-1

R.T.: 4.015 min
Delta R.T.: 0.003 min
Response: 11890592
Conc: 379.81 ng/ml



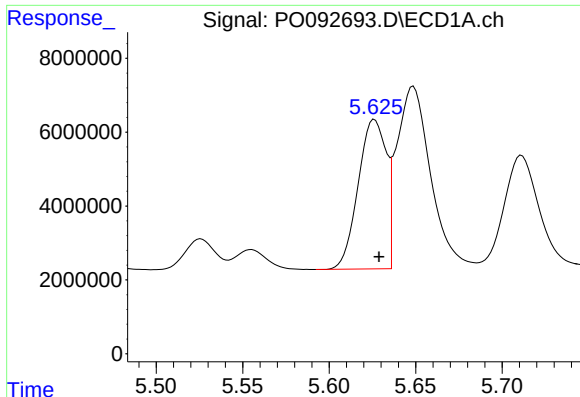
#12 AR-1232-2

R.T.: 5.356 min
Delta R.T.: 0.019 min
Response: 36634986
Conc: 1065.23 ng/ml



#12 AR-1232-2

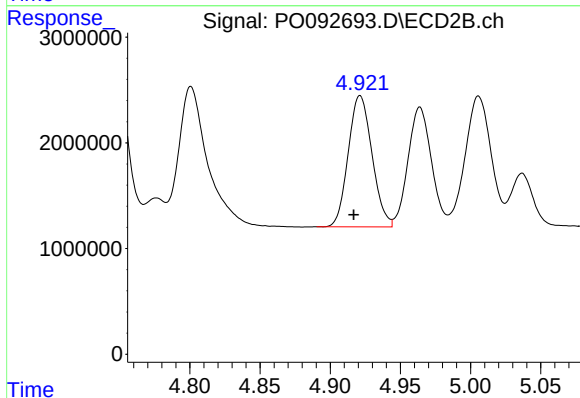
R.T.: 4.745 min
Delta R.T.: 0.003 min
Response: 26710186
Conc: 991.52 ng/ml



#13 AR-1232-3

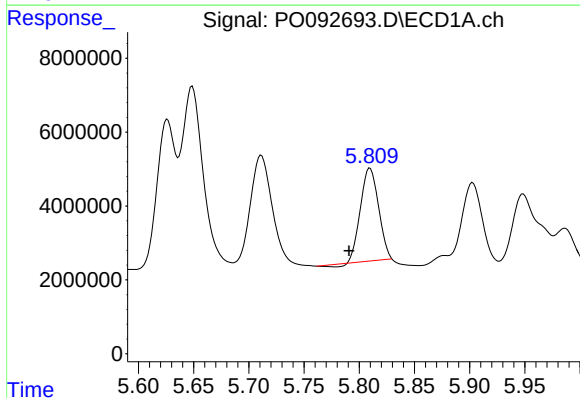
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 45588241
Conc: 745.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



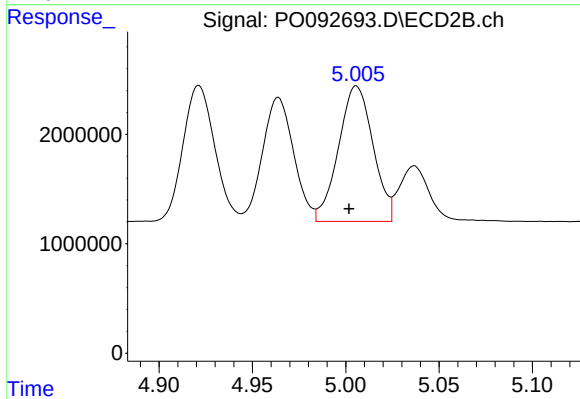
#13 AR-1232-3

R.T.: 4.921 min
Delta R.T.: 0.004 min
Response: 14648712
Conc: 1045.02 ng/ml



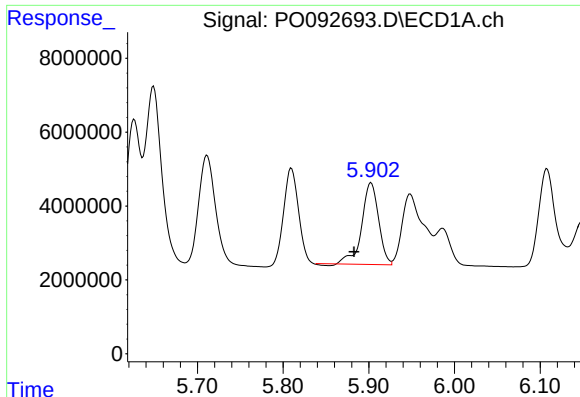
#14 AR-1232-4

R.T.: 5.810 min
Delta R.T.: 0.019 min
Response: 28344220
Conc: 960.34 ng/ml



#14 AR-1232-4

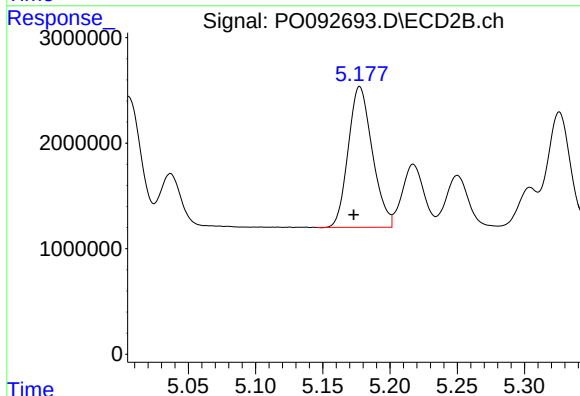
R.T.: 5.006 min
Delta R.T.: 0.004 min
Response: 15955292
Conc: 1121.92 ng/ml



#15 AR-1232-5

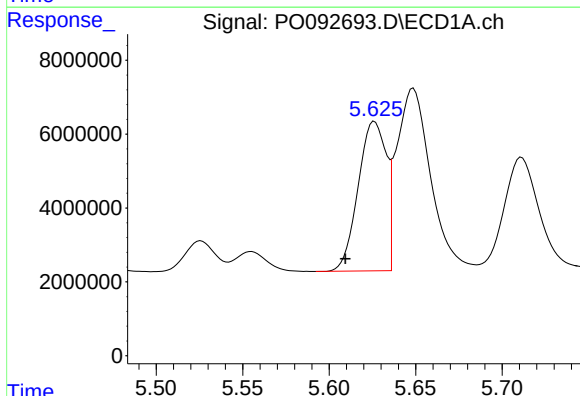
R.T.: 5.903 min
Delta R.T.: 0.020 min
Response: 30197397
Conc: 1162.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



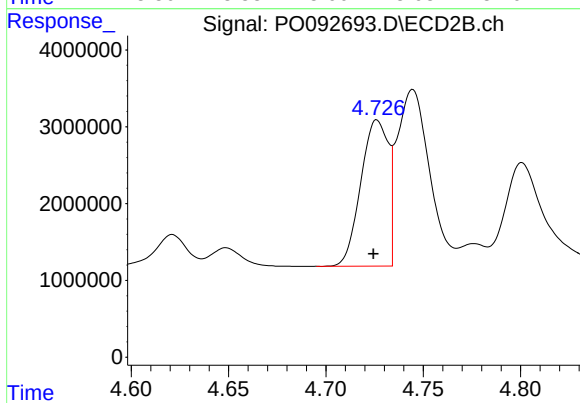
#15 AR-1232-5

R.T.: 5.177 min
Delta R.T.: 0.004 min
Response: 16627297
Conc: 1069.26 ng/ml



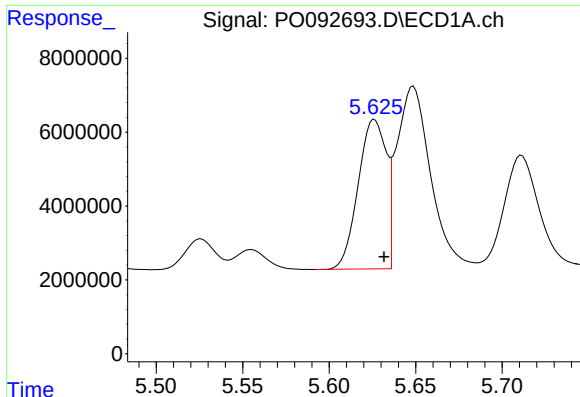
#16 AR-1242-1

R.T.: 5.626 min
Delta R.T.: 0.017 min
Response: 45588241
Conc: 577.79 ng/ml



#16 AR-1242-1

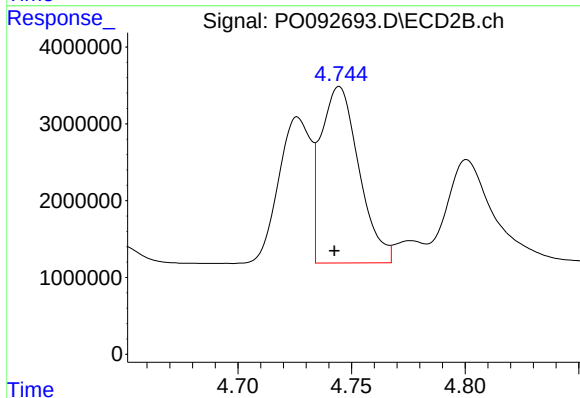
R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 18693231
Conc: 556.66 ng/ml



#17 AR-1242-2

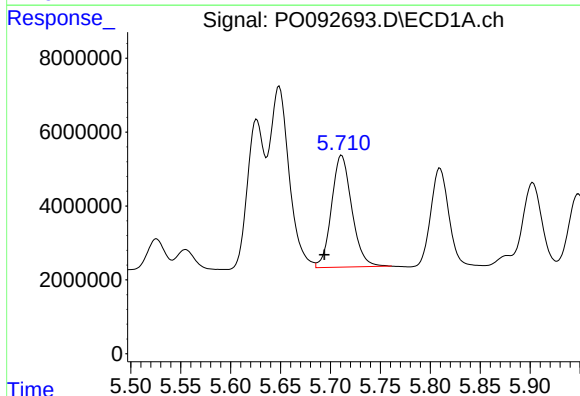
R.T.: 5.626 min
Delta R.T.: -0.005 min
Response: 45588241
Conc: 396.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



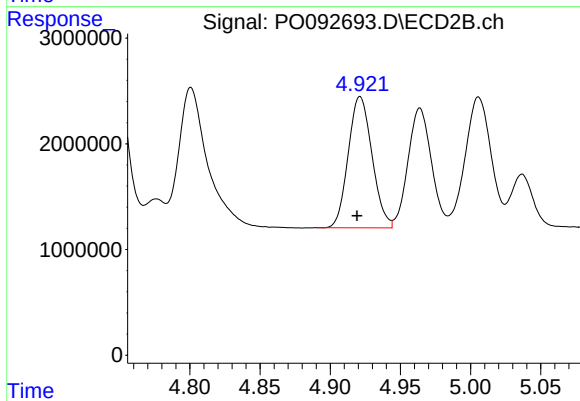
#17 AR-1242-2

R.T.: 4.745 min
Delta R.T.: 0.002 min
Response: 26710186
Conc: 557.01 ng/ml



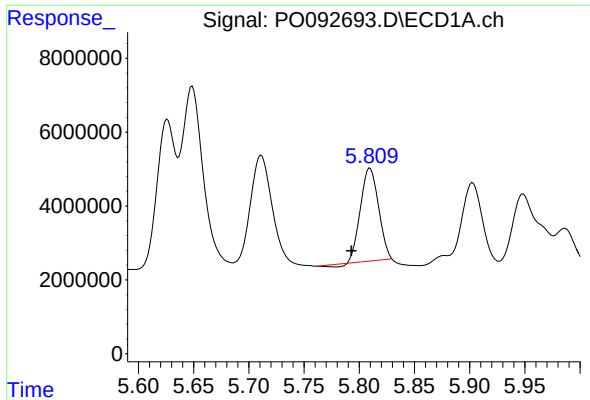
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: 0.017 min
Response: 42830355
Conc: 580.18 ng/ml



#18 AR-1242-3

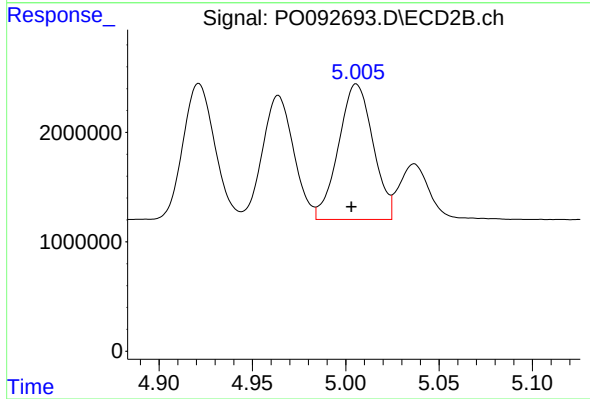
R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 14648712
Conc: 562.55 ng/ml



#19 AR-1242-4

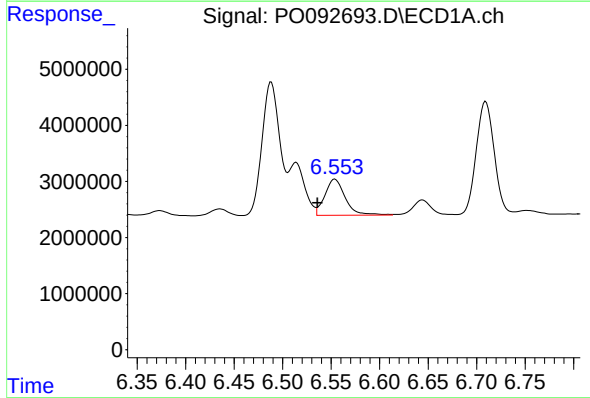
R.T.: 5.810 min
Delta R.T.: 0.017 min
Response: 28344220
Conc: 511.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



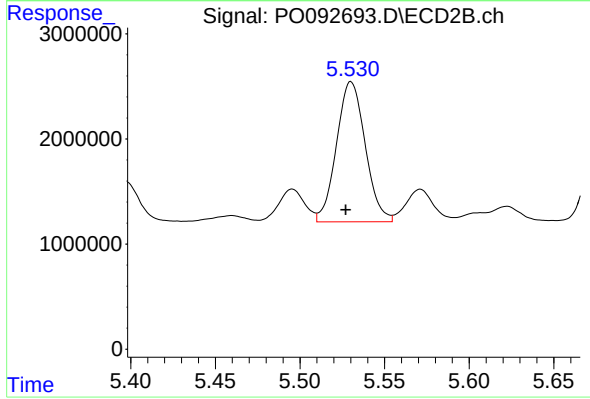
#19 AR-1242-4

R.T.: 5.006 min
Delta R.T.: 0.003 min
Response: 15955292
Conc: 553.32 ng/ml



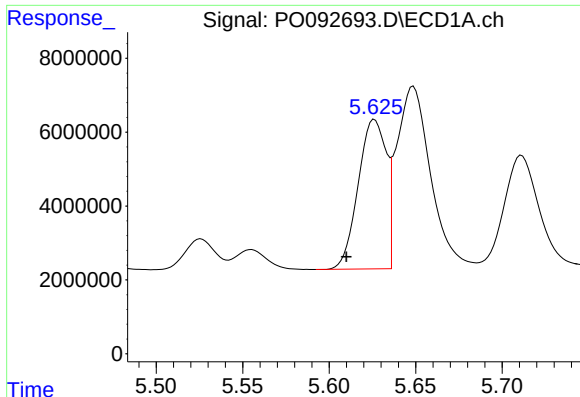
#20 AR-1242-5

R.T.: 6.554 min
Delta R.T.: 0.018 min
Response: 9445130
Conc: 161.25 ng/ml



#20 AR-1242-5

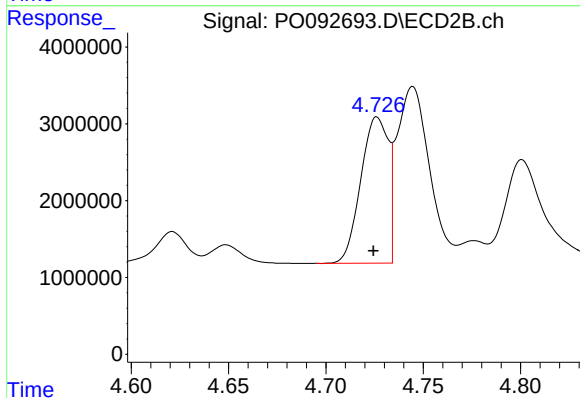
R.T.: 5.530 min
Delta R.T.: 0.003 min
Response: 15779798
Conc: 504.32 ng/ml



#21 AR-1248-1

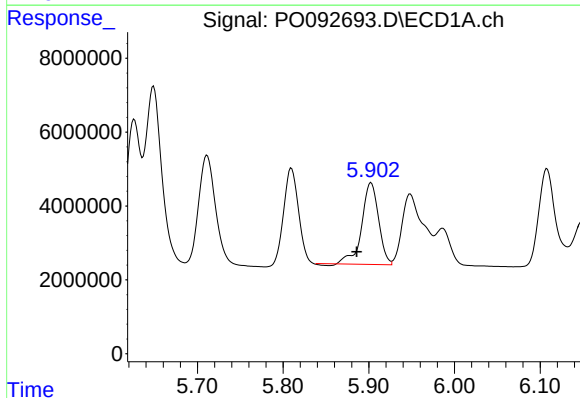
R.T.: 5.626 min
Delta R.T.: 0.016 min
Response: 45588241
Conc: 743.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



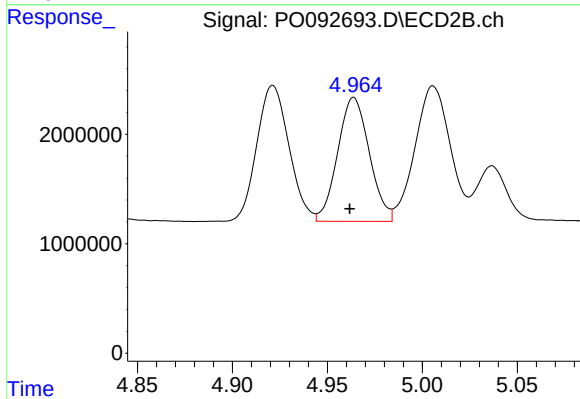
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.002 min
Response: 18693231
Conc: 713.90 ng/ml



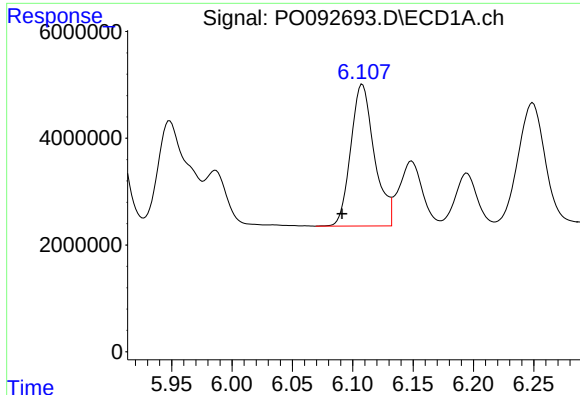
#22 AR-1248-2

R.T.: 5.903 min
Delta R.T.: 0.017 min
Response: 30197397
Conc: 313.78 ng/ml



#22 AR-1248-2

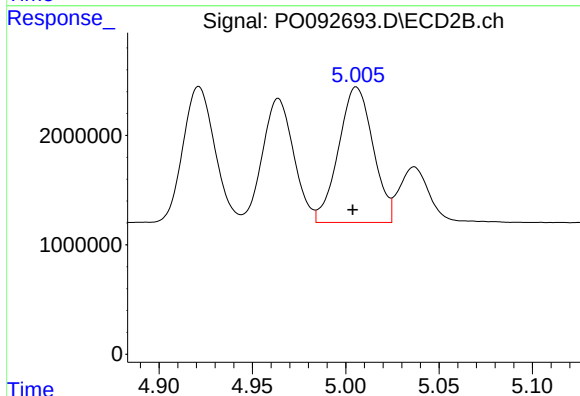
R.T.: 4.964 min
Delta R.T.: 0.002 min
Response: 13161354
Conc: 325.30 ng/ml



#23 AR-1248-3

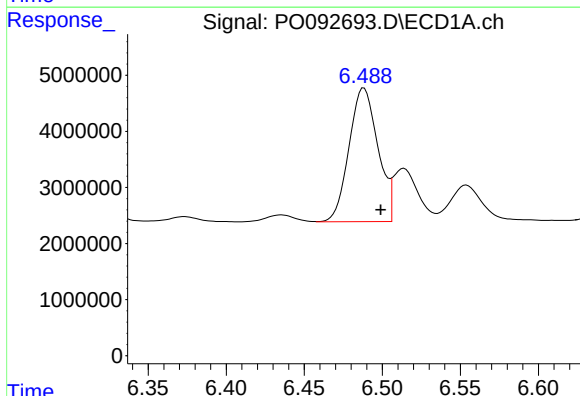
R.T.: 6.108 min
Delta R.T.: 0.017 min
Response: 36072638
Conc: 351.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



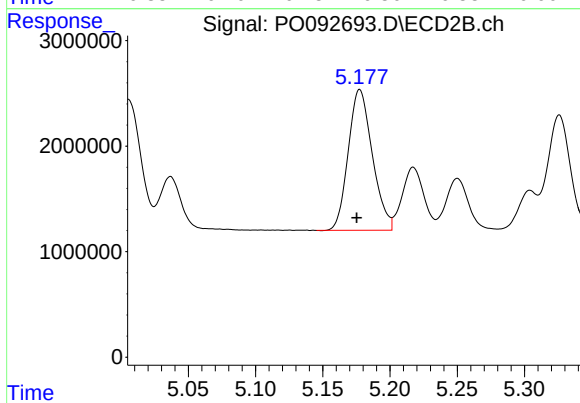
#23 AR-1248-3

R.T.: 5.006 min
Delta R.T.: 0.002 min
Response: 15955292
Conc: 378.57 ng/ml



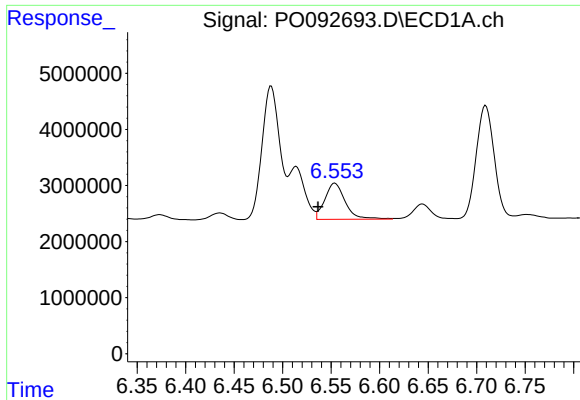
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: -0.011 min
Response: 30638079
Conc: 306.14 ng/ml



#24 AR-1248-4

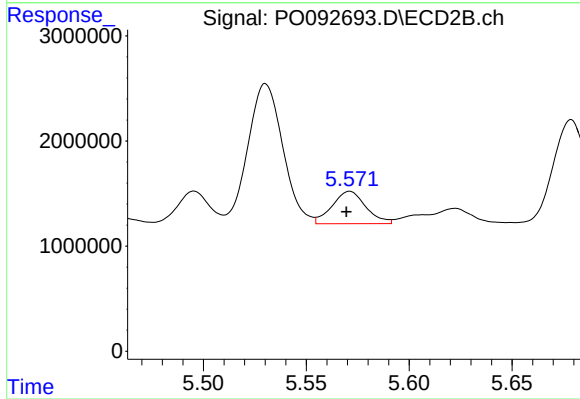
R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 16627297
Conc: 344.23 ng/ml



#25 AR-1248-5

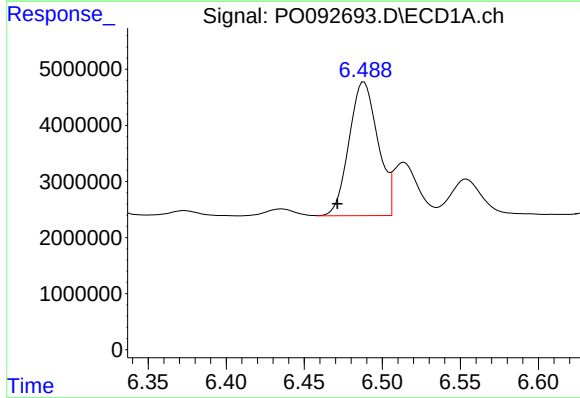
R.T.: 6.554 min
Delta R.T.: 0.017 min
Response: 9445130
Conc: 93.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



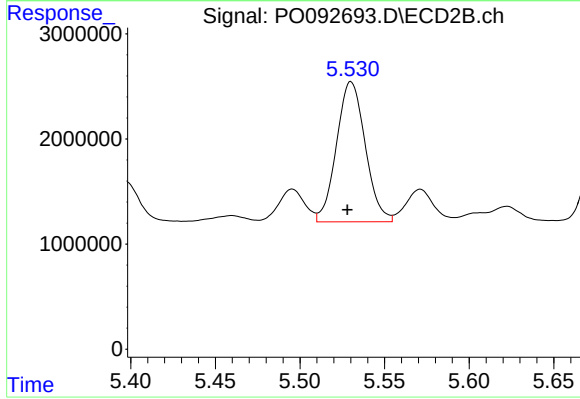
#25 AR-1248-5

R.T.: 5.571 min
Delta R.T.: 0.002 min
Response: 3530988
Conc: 84.60 ng/ml



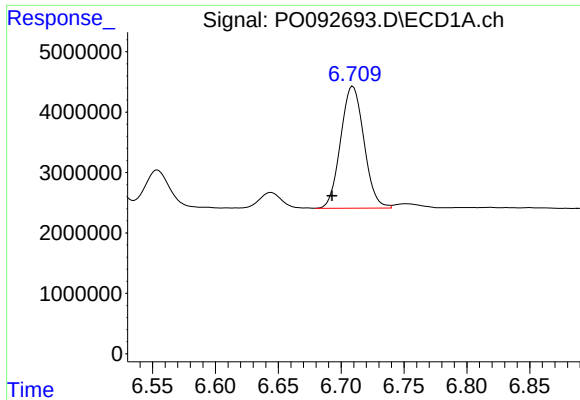
#26 AR-1254-1

R.T.: 6.488 min
Delta R.T.: 0.017 min
Response: 30638079
Conc: 270.22 ng/ml



#26 AR-1254-1

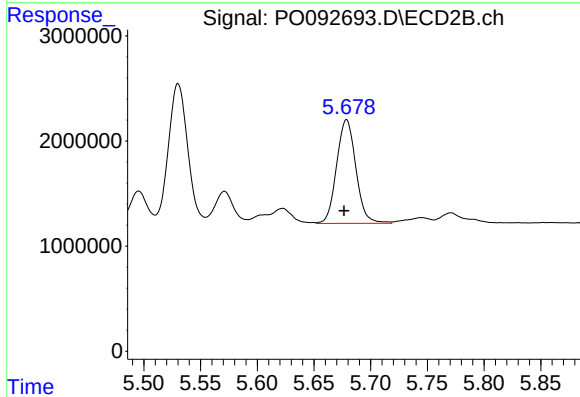
R.T.: 5.530 min
Delta R.T.: 0.002 min
Response: 15779798
Conc: 225.39 ng/ml



#27 AR-1254-2

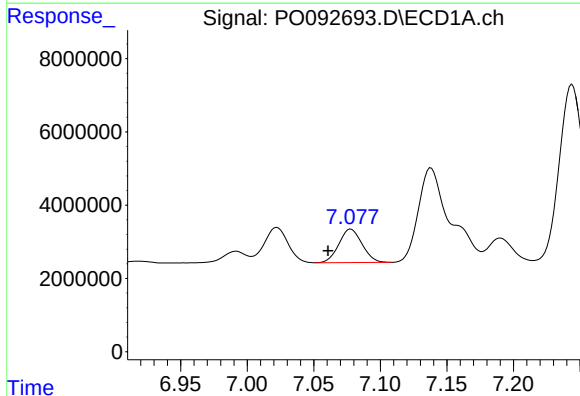
R.T.: 6.709 min
Delta R.T.: 0.017 min
Response: 26046976
Conc: 156.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



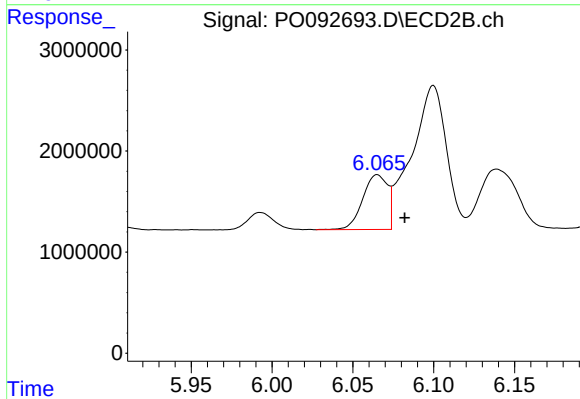
#27 AR-1254-2

R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 11708348
Conc: 186.62 ng/ml



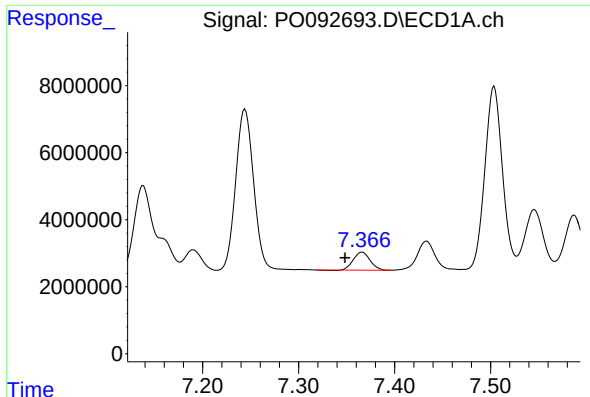
#28 AR-1254-3

R.T.: 7.078 min
Delta R.T.: 0.017 min
Response: 11070939
Conc: 67.63 ng/ml



#28 AR-1254-3

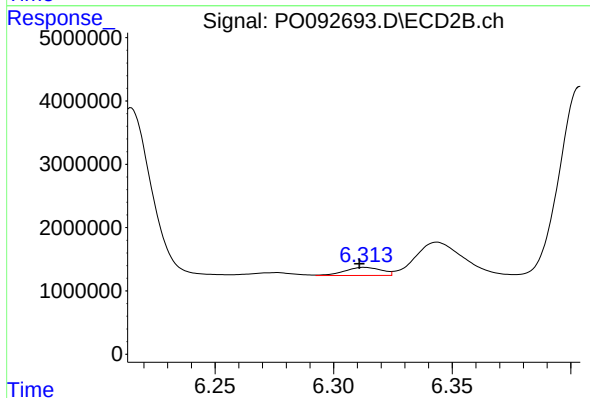
R.T.: 6.065 min
Delta R.T.: -0.017 min
Response: 5812027
Conc: 60.29 ng/ml



#29 AR-1254-4

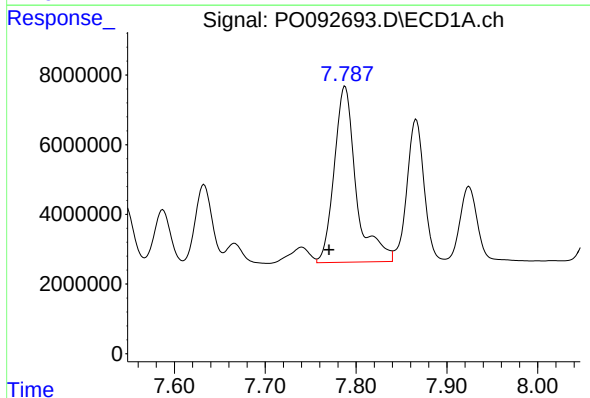
R.T.: 7.366 min
Delta R.T.: 0.018 min
Response: 6495654
Conc: 62.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



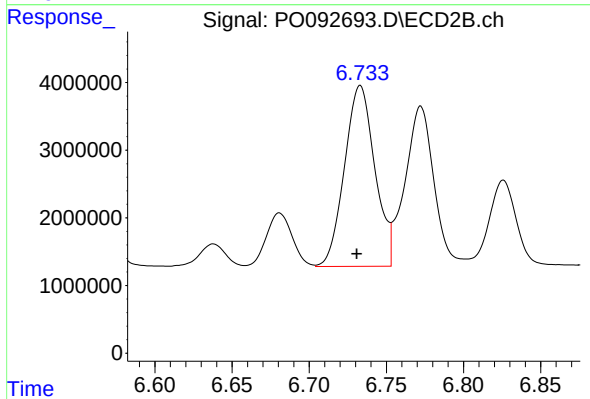
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: 0.002 min
Response: 1379724
Conc: 26.74 ng/ml



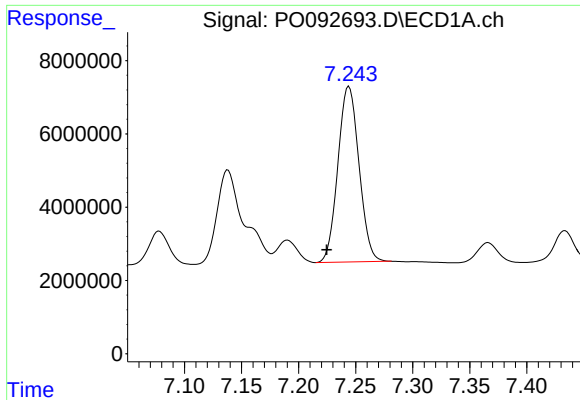
#30 AR-1254-5

R.T.: 7.788 min
Delta R.T.: 0.017 min
Response: 84933055
Conc: 692.75 ng/ml



#30 AR-1254-5

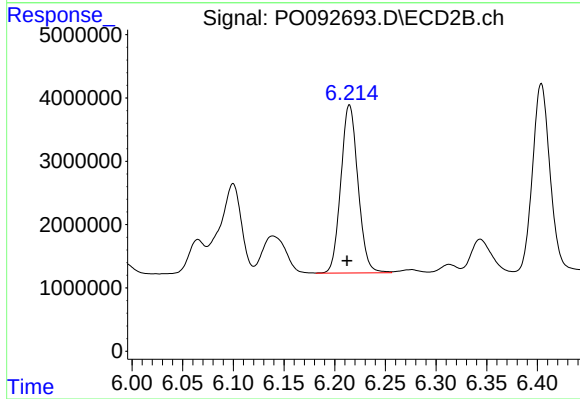
R.T.: 6.733 min
Delta R.T.: 0.002 min
Response: 36577882
Conc: 450.52 ng/ml



#31 AR-1260-1

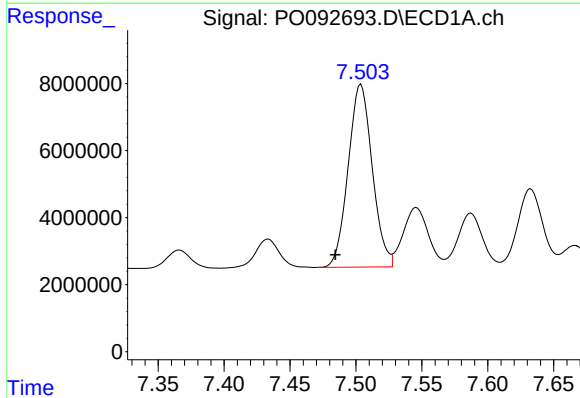
R.T.: 7.244 min
Delta R.T.: 0.019 min
Response: 61692934
Conc: 505.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



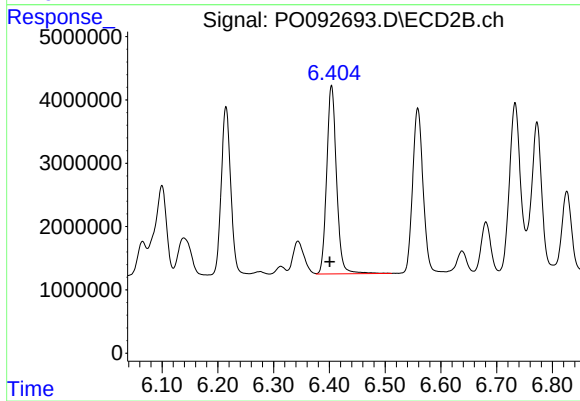
#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: 0.002 min
Response: 31279645
Conc: 459.13 ng/ml



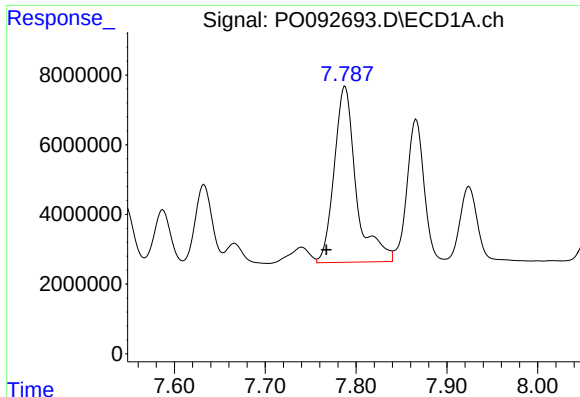
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: 0.019 min
Response: 69289247
Conc: 471.42 ng/ml



#32 AR-1260-2

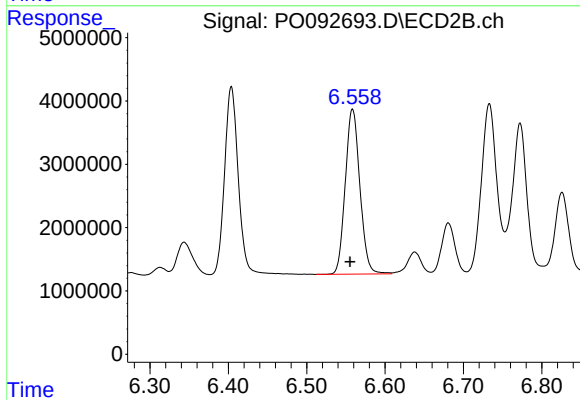
R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 36456905
Conc: 453.54 ng/ml



#33 AR-1260-3

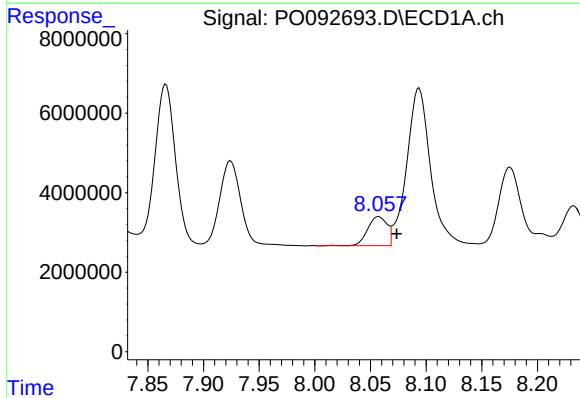
R.T.: 7.788 min
Delta R.T.: 0.020 min
Response: 84933055
Conc: 540.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



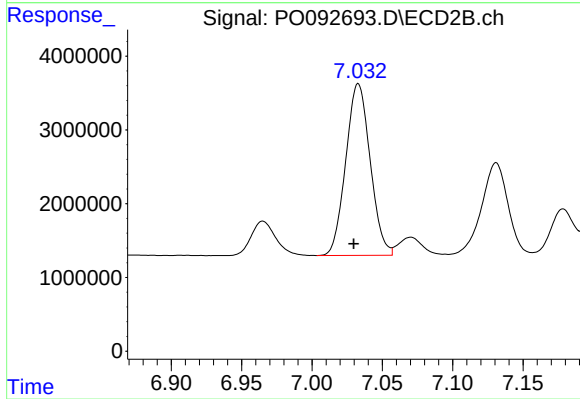
#33 AR-1260-3

R.T.: 6.559 min
Delta R.T.: 0.003 min
Response: 33806794
Conc: 418.81 ng/ml



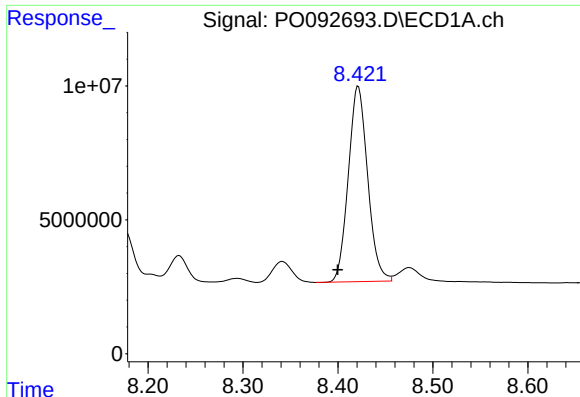
#34 AR-1260-4

R.T.: 8.057 min
Delta R.T.: -0.016 min
Response: 8791229
Conc: 75.05 ng/ml



#34 AR-1260-4

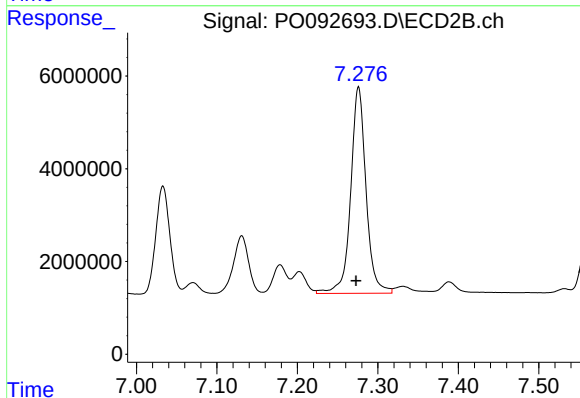
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 28172469
Conc: 462.82 ng/ml



#35 AR-1260-5

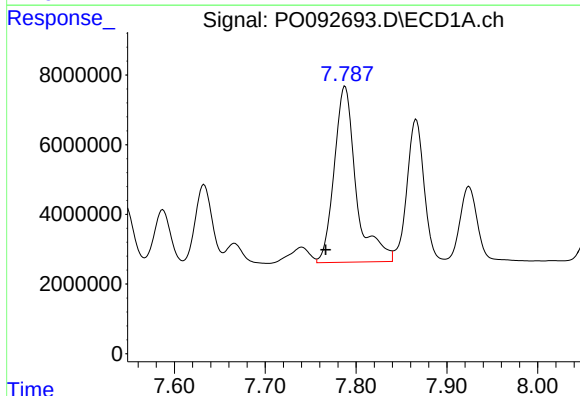
R.T.: 8.421 min
Delta R.T.: 0.022 min
Response: 103346131
Conc: 498.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



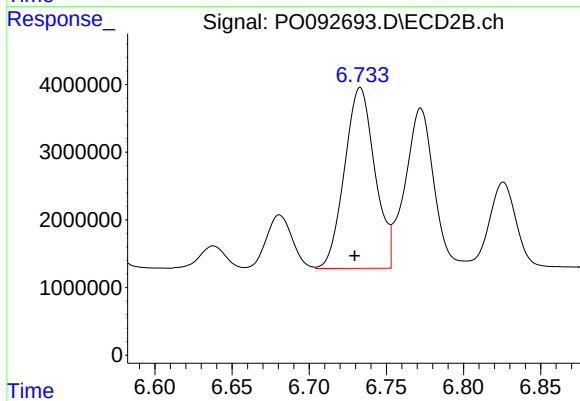
#35 AR-1260-5

R.T.: 7.276 min
Delta R.T.: 0.003 min
Response: 59061535
Conc: 462.61 ng/ml



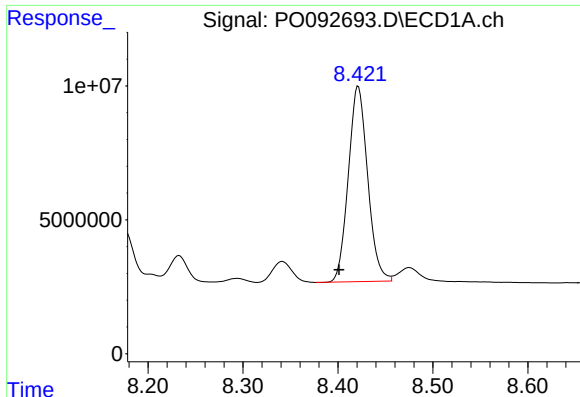
#36 AR-1262-1

R.T.: 7.788 min
Delta R.T.: 0.021 min
Response: 84933055
Conc: 881.22 ng/ml



#36 AR-1262-1

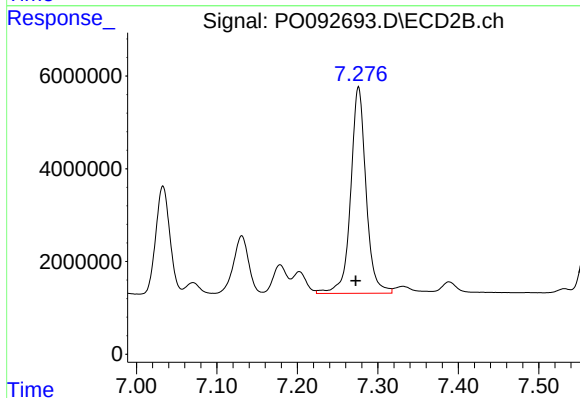
R.T.: 6.733 min
Delta R.T.: 0.004 min
Response: 36577882
Conc: 875.07 ng/ml



#37 AR-1262-2

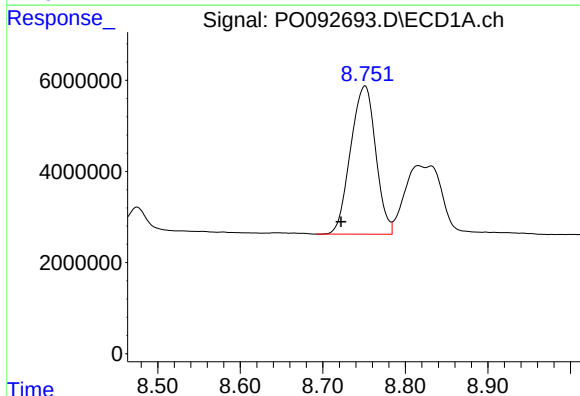
R.T.: 8.421 min
Delta R.T.: 0.020 min
Response: 103346131
Conc: 439.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



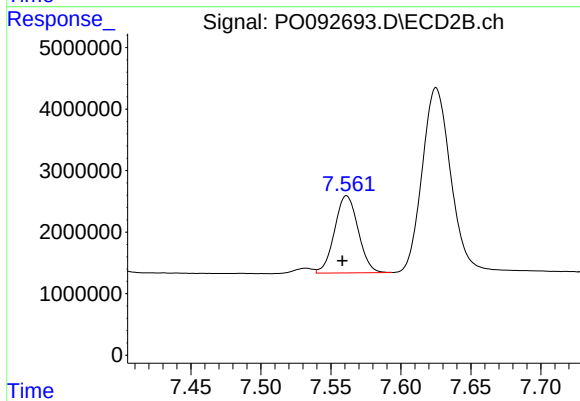
#37 AR-1262-2

R.T.: 7.276 min
Delta R.T.: 0.003 min
Response: 59061535
Conc: 447.46 ng/ml



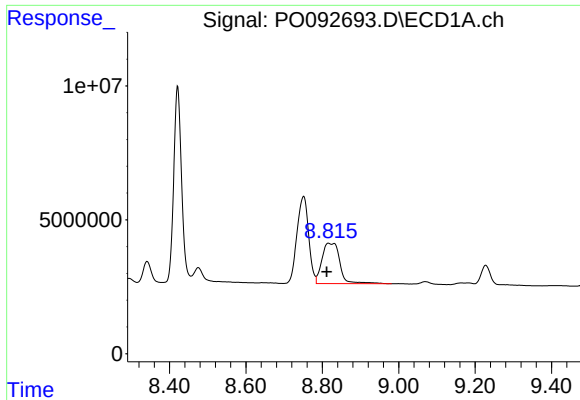
#38 AR-1262-3

R.T.: 8.751 min
Delta R.T.: 0.029 min
Response: 68715745
Conc: 409.85 ng/ml



#38 AR-1262-3

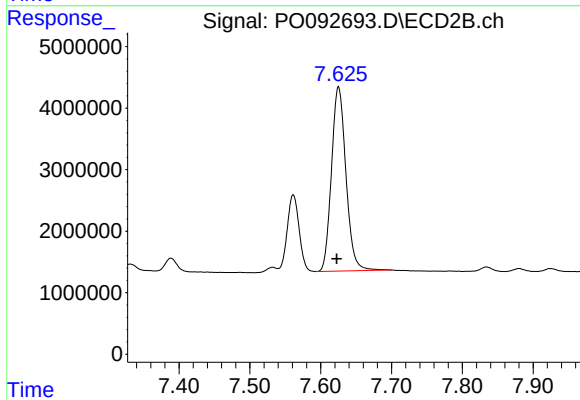
R.T.: 7.561 min
Delta R.T.: 0.003 min
Response: 14702448
Conc: 255.26 ng/ml



#39 AR-1262-4

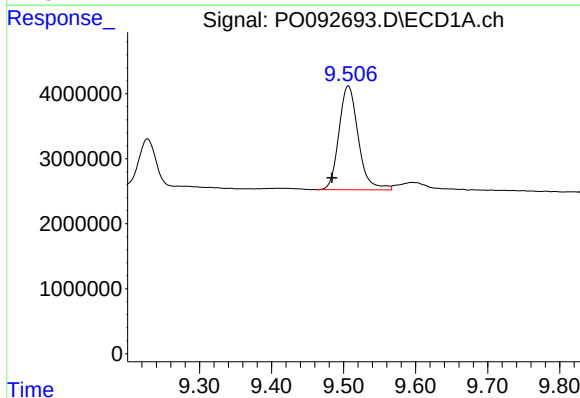
R.T.: 8.816 min
Delta R.T.: 0.005 min
Response: 49039983
Conc: 341.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



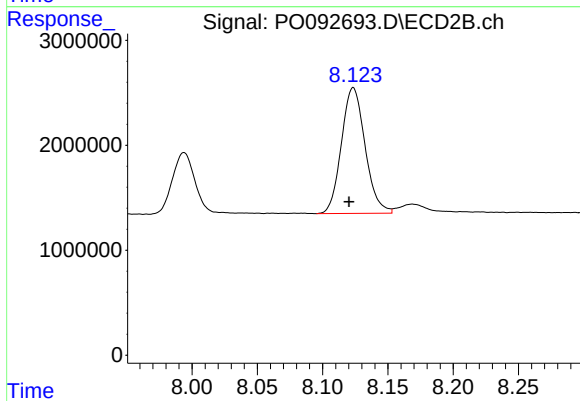
#39 AR-1262-4

R.T.: 7.625 min
Delta R.T.: 0.003 min
Response: 42432944
Conc: 422.77 ng/ml



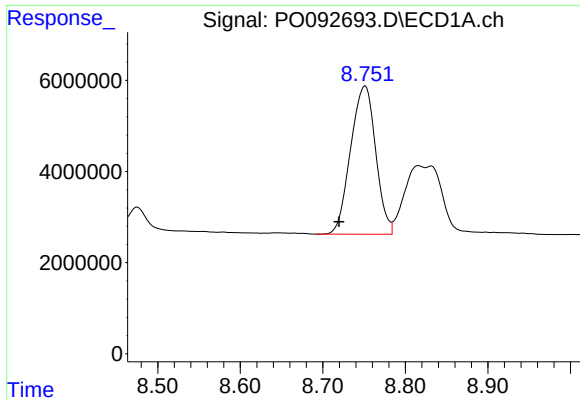
#40 AR-1262-5

R.T.: 9.507 min
Delta R.T.: 0.023 min
Response: 29835409
Conc: 345.07 ng/ml



#40 AR-1262-5

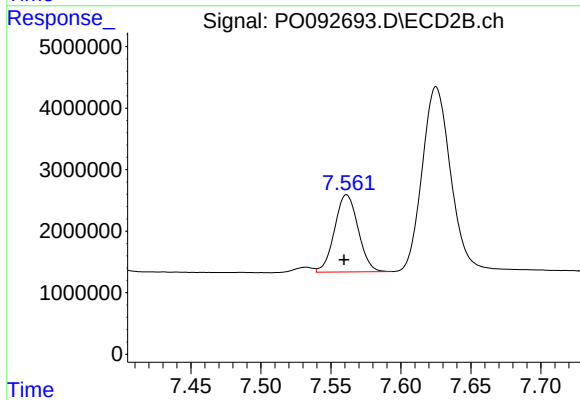
R.T.: 8.123 min
Delta R.T.: 0.003 min
Response: 15153598
Conc: 330.19 ng/ml



#41 AR-1268-1

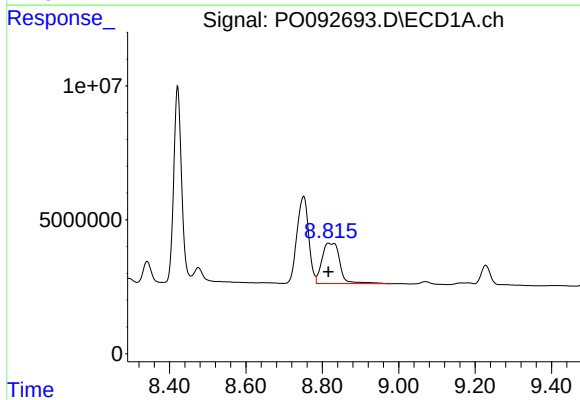
R.T.: 8.751 min
Delta R.T.: 0.031 min
Response: 68715745
Conc: 219.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



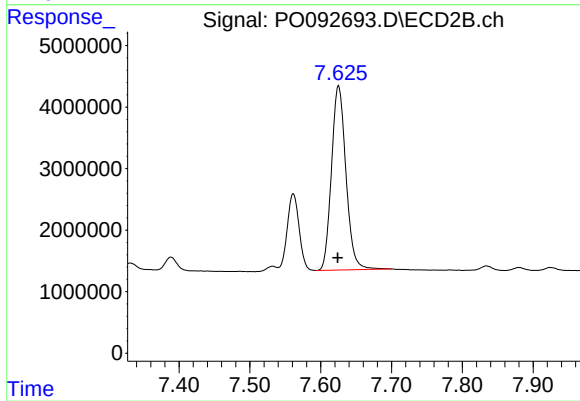
#41 AR-1268-1

R.T.: 7.561 min
Delta R.T.: 0.002 min
Response: 14702448
Conc: 85.56 ng/ml



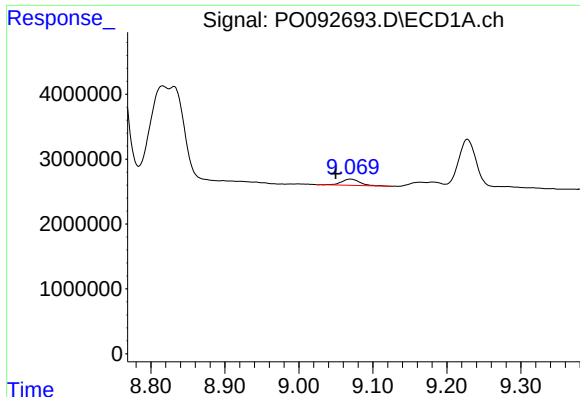
#42 AR-1268-2

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 49039983
Conc: 165.79 ng/ml



#42 AR-1268-2

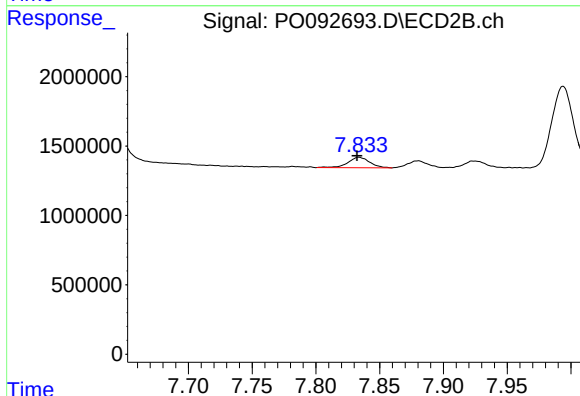
R.T.: 7.625 min
Delta R.T.: 0.001 min
Response: 42432944
Conc: 278.74 ng/ml



#43 AR-1268-3

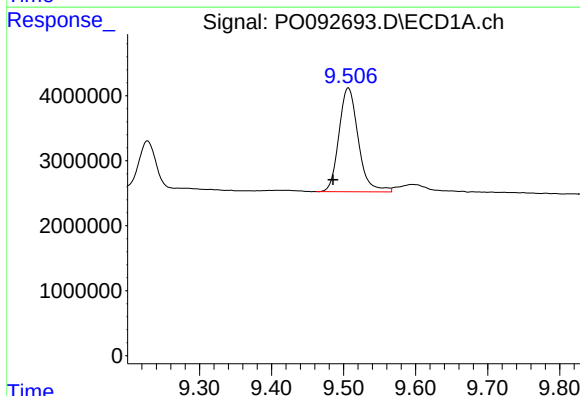
R.T.: 9.070 min
Delta R.T.: 0.020 min
Response: 1690382
Conc: 6.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



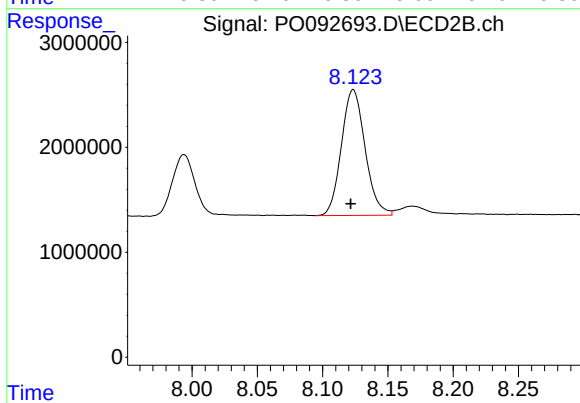
#43 AR-1268-3

R.T.: 7.834 min
Delta R.T.: 0.001 min
Response: 895256
Conc: 6.69 ng/ml



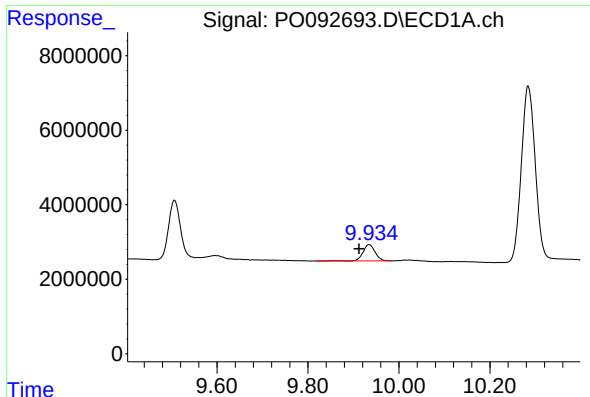
#44 AR-1268-4

R.T.: 9.507 min
Delta R.T.: 0.021 min
Response: 29835409
Conc: 313.85 ng/ml



#44 AR-1268-4

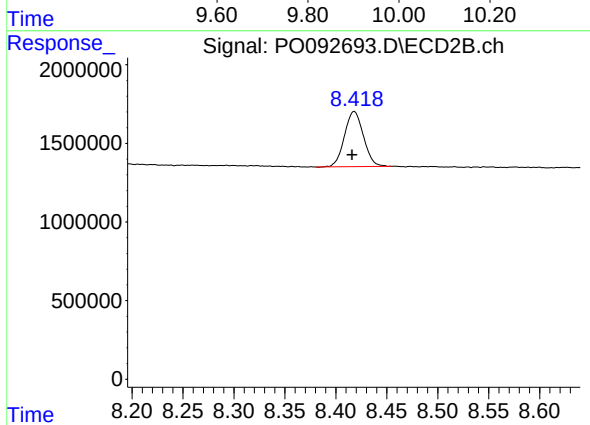
R.T.: 8.123 min
Delta R.T.: 0.002 min
Response: 15153598
Conc: 280.45 ng/ml



#45 AR-1268-5

R.T.: 9.934 min
Delta R.T.: 0.022 min
Response: 8107217
Conc: 10.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: 0.002 min
Response: 4549731
Conc: 12.44 ng/ml