

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081823\
 Data File : P0097277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 22:29
 Operator : YP/AJ
 Sample : PB154904BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:14:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.410	3.614	66896324	24675375	20.209	18.640
2) SA Decachlor...	10.349	8.629	50438733	24695480	23.050	21.346
Target Compounds						
3) L1 AR-1016-1	5.596	4.716	44732267	27661869	474.947	623.914 #
4) L1 AR-1016-2	5.619	4.716	64202550	27661869	479.932	452.207
5) L1 AR-1016-3	5.681	4.893	39755451	13361853	456.848	409.014
6) L1 AR-1016-4	5.782	4.936	31407528	11668684	467.580	408.190
7) L1 AR-1016-5	6.083	5.149	32448439	15956053	464.764	415.020
8) L2 AR-1221-1	4.615	3.826	5041622	1906192	123.705	109.822
9) L2 AR-1221-2	4.708	3.912	6279908	2417668	206.713	187.116
10) L2 AR-1221-3	4.785	3.988	25812869	10796193	294.898	271.985
11) L3 AR-1232-1	4.785	3.988	25812869	10796193	353.924	333.761
12) L3 AR-1232-2	5.323	4.716	36270297	27661869	914.856	958.732
13) L3 AR-1232-3	5.619	4.893	64202550	13361853	1049.530	881.280
14) L3 AR-1232-4	5.782	4.977	31407528	14857432	1029.288	994.163
15) L3 AR-1232-5	5.875	5.149	29757309	15956053	1063.400	976.098
16) L4 AR-1242-1	5.596	4.716	44732267	27661869	533.690	701.633 #
17) L4 AR-1242-2	5.619	4.716	64202550	27661869	545.190	507.642
18) L4 AR-1242-3	5.681	4.893	39755451	13361853	538.164	451.894
19) L4 AR-1242-4	5.782	4.977	31407528	14857432	527.589	471.457
20) L4 AR-1242-5	6.536	5.502	3825143	12829085	69.523	352.097 #
21) L5 AR-1248-1	5.596	4.716	44732267	27661869	763.426	985.723 #
22) L5 AR-1248-2	5.875	4.936	29757309	11668684	316.508	275.328
23) L5 AR-1248-3	6.083	4.977	32448439	14857432	331.754	338.708
24) L5 AR-1248-4	6.495	5.149	3958480	15956053	43.575	312.558 #
25) L5 AR-1248-5	6.536	5.542	3825143	1905977	43.425	40.768
26) L6 AR-1254-1	6.470	5.502	24278347	12829085	222.145	173.845
27) L6 AR-1254-2	6.693	5.650	25906751	12488647	160.684	189.566
28) L6 AR-1254-3	7.071	6.069	13212288	21942686	84.318	217.120 #
29) L6 AR-1254-4	7.365	6.284	8135904	2219325	80.699	38.347 #
30) L6 AR-1254-5	7.794	6.702	72265492	41442213	643.995	471.389 #
31) L7 AR-1260-1	7.240	6.184	55645383	30502982	442.726	433.478
32) L7 AR-1260-2	7.503	6.374	61966937	36427179	459.917	436.446
33) L7 AR-1260-3	7.872	6.527	40731568	32286164	392.502	418.108
34) L7 AR-1260-4	8.105	7.000	48889418	24979051	437.279	389.797
35) L7 AR-1260-5	8.439	7.244	89657504	56062119	426.982	404.389
36) L8 AR-1262-1	7.872	6.794	40731568	14355213	274.237	364.635 #
37) L8 AR-1262-2	8.439	7.000	89657504	24979051	387.343	307.984
38) L8 AR-1262-3	8.781	7.527	58524144	11614058	350.867	180.980 #
39) L8 AR-1262-4	8.840	7.590	20158796	40613701	276.500	357.513 #
40) L8 AR-1262-5	9.553	8.089	22258587	11741475	267.280	223.571
41) L9 AR-1268-1	8.781	7.527	58524144	11614058	190.382	62.680 #

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 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:14:09 2023
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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
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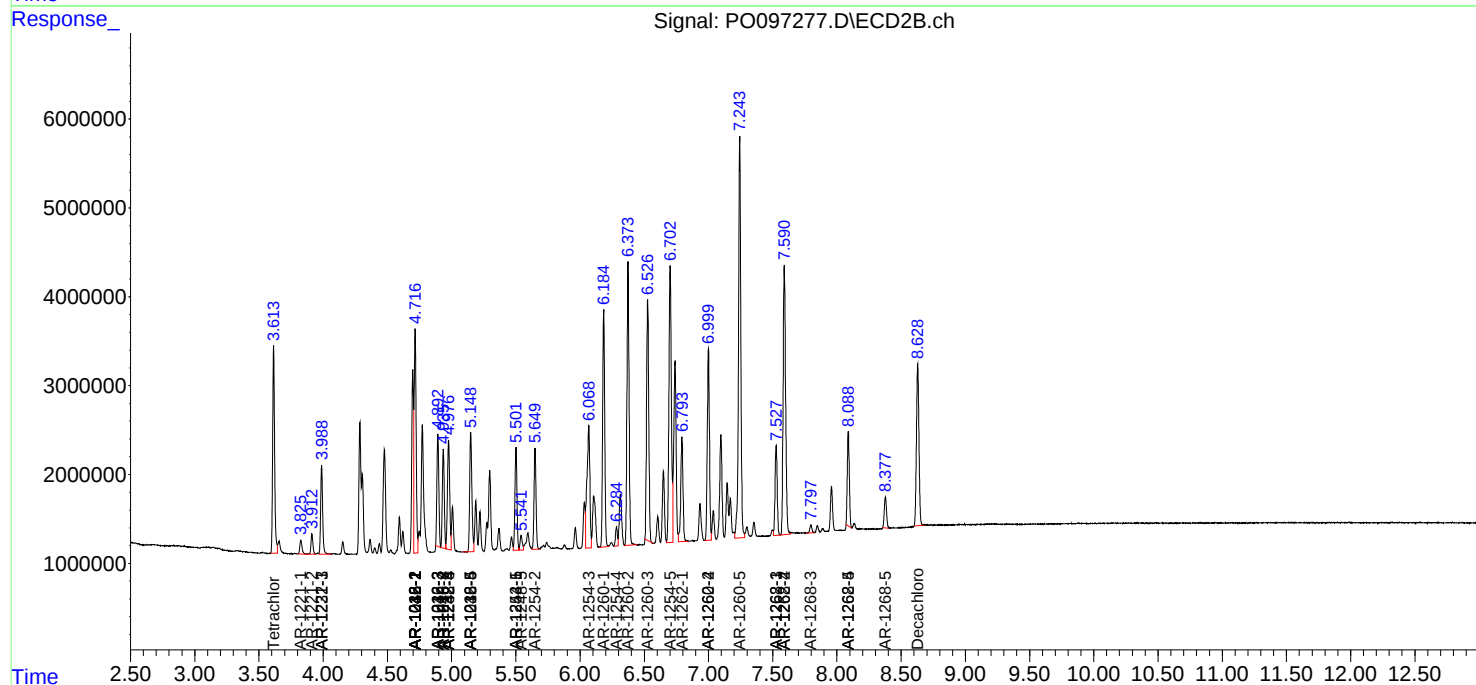
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

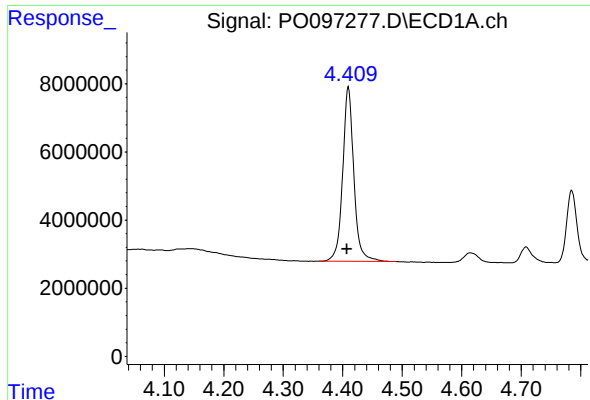
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.860	7.590	13501871	40613701	49.242	242.199 #
43) L9	AR-1268-3	9.104	7.798	2097755	1038086	8.214	7.185
44) L9	AR-1268-4	9.553	8.089	22258587	11741475	240.080	197.094
45) L9	AR-1268-5	9.991	8.377	7714174	4281798	9.550	10.294

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

Instrument :
ECD_O
ClientSampleId :

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

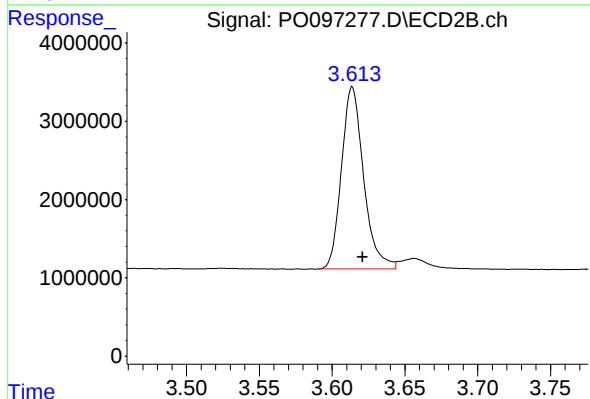




#1 Tetrachloro-m-xylene

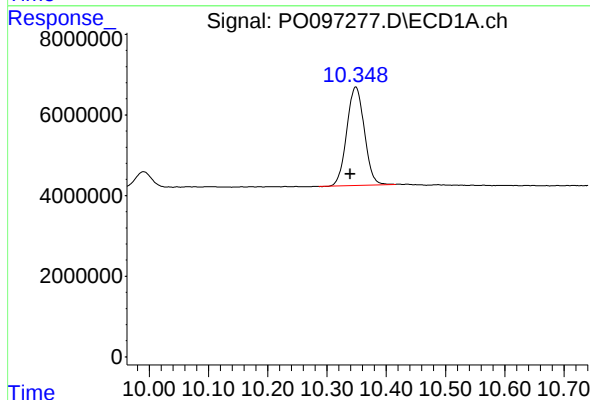
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 66896324
Conc: 20.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



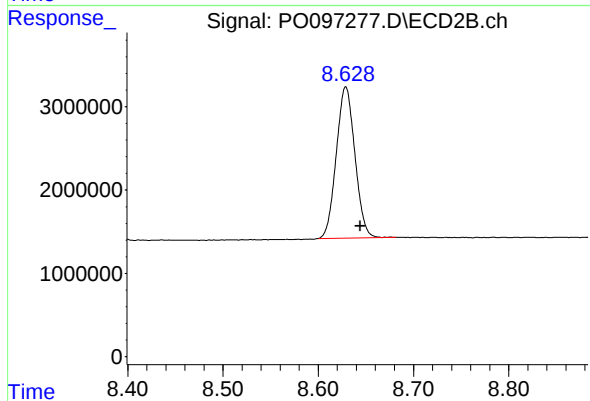
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 24675375
Conc: 18.64 ng/ml



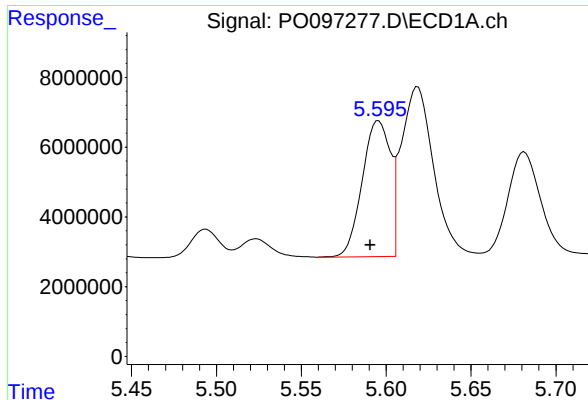
#2 Decachlorobiphenyl

R.T.: 10.349 min
Delta R.T.: 0.009 min
Response: 50438733
Conc: 23.05 ng/ml



#2 Decachlorobiphenyl

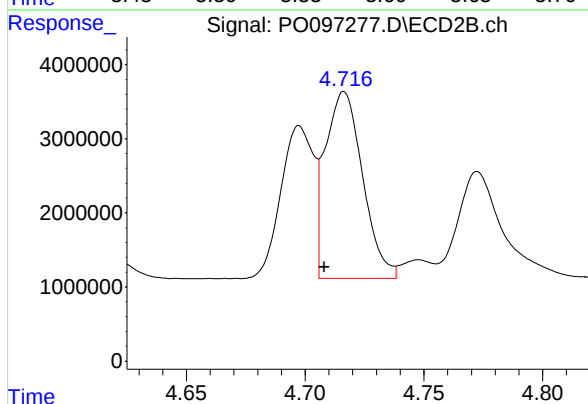
R.T.: 8.629 min
Delta R.T.: -0.015 min
Response: 24695480
Conc: 21.35 ng/ml



#3 AR-1016-1

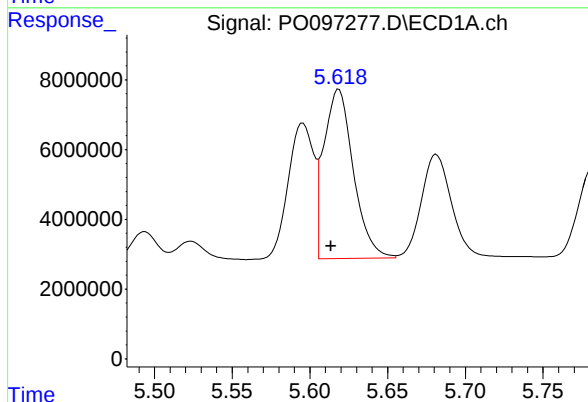
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 44732267
Conc: 474.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



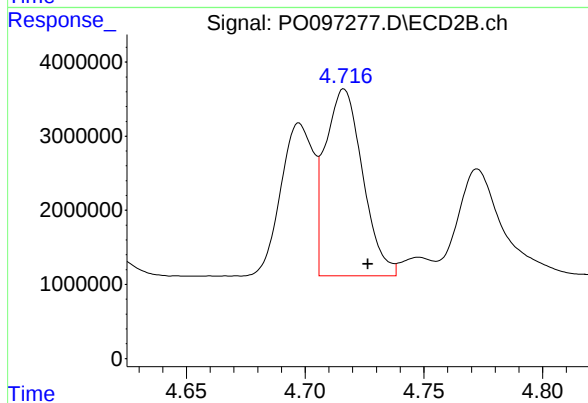
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 27661869
Conc: 623.91 ng/ml



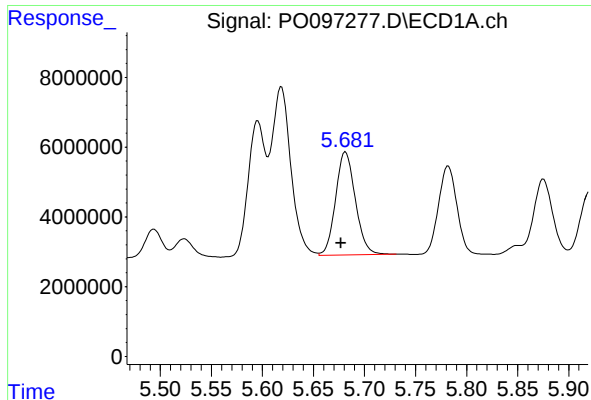
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 64202550
Conc: 479.93 ng/ml



#4 AR-1016-2

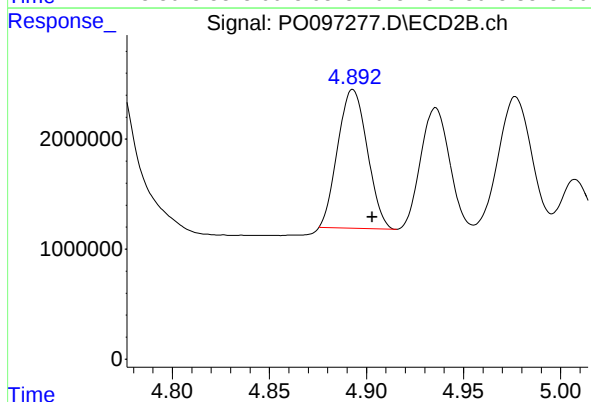
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 27661869
Conc: 452.21 ng/ml



#5 AR-1016-3

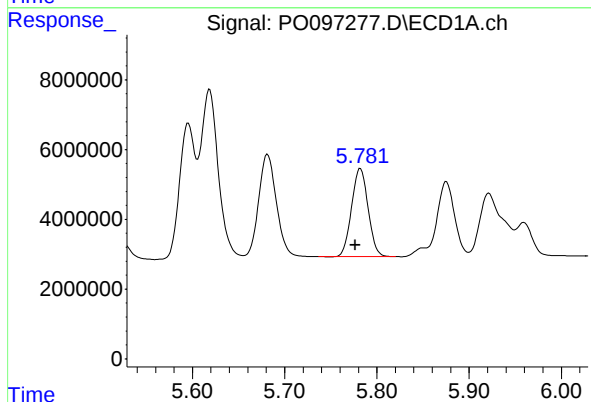
R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 39755451
Conc: 456.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



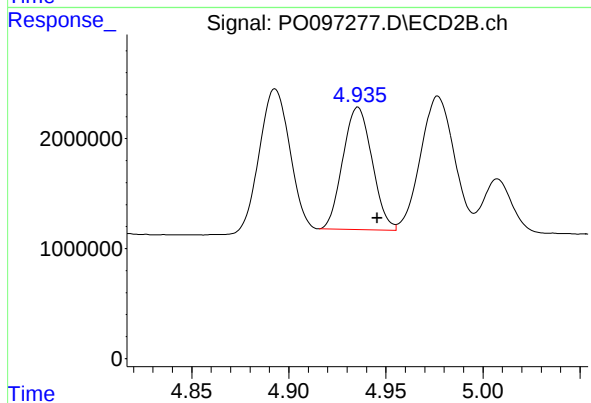
#5 AR-1016-3

R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 13361853
Conc: 409.01 ng/ml



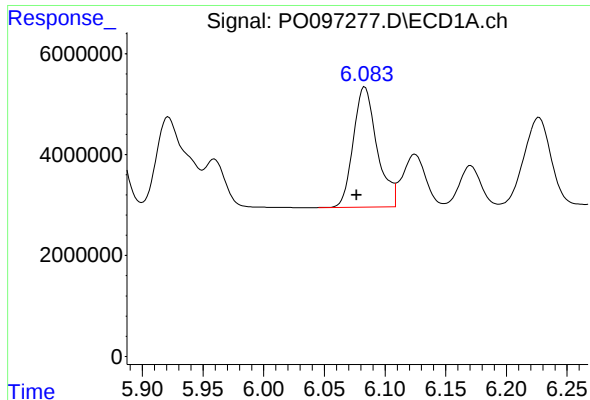
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 31407528
Conc: 467.58 ng/ml



#6 AR-1016-4

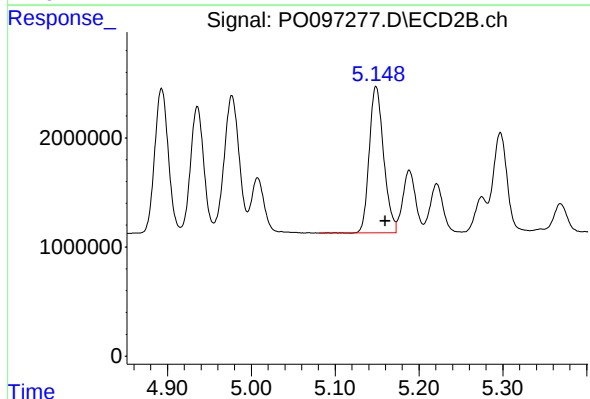
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 11668684
Conc: 408.19 ng/ml



#7 AR-1016-5

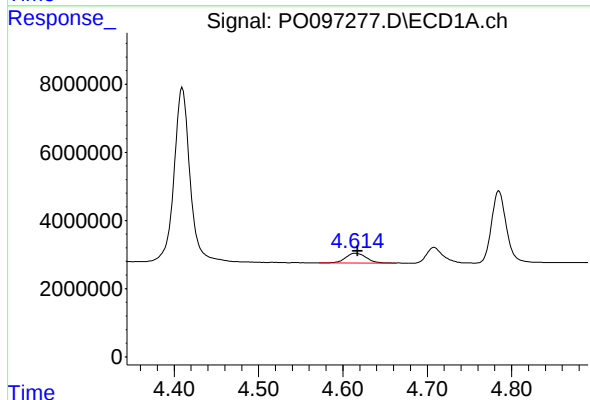
R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 32448439
Conc: 464.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



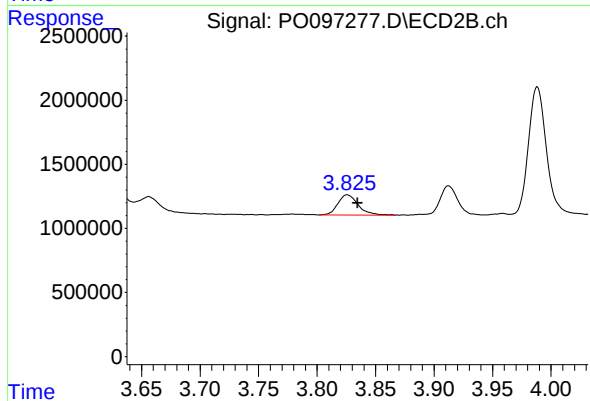
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 15956053
Conc: 415.02 ng/ml



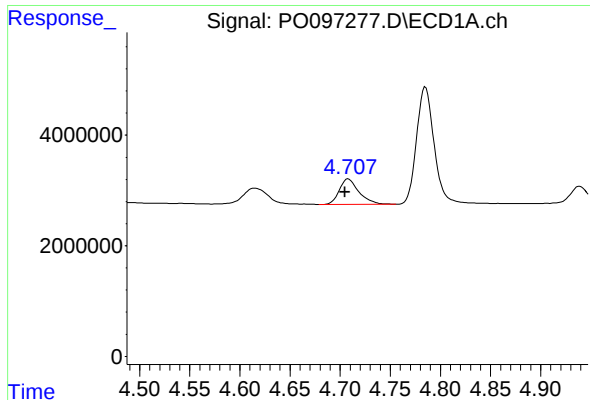
#8 AR-1221-1

R.T.: 4.615 min
Delta R.T.: -0.003 min
Response: 5041622
Conc: 123.71 ng/ml



#8 AR-1221-1

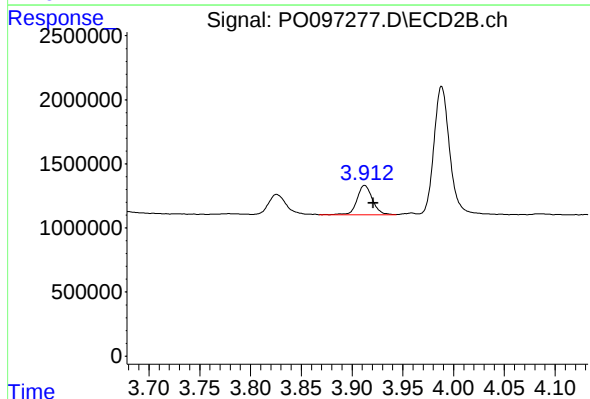
R.T.: 3.826 min
Delta R.T.: -0.009 min
Response: 1906192
Conc: 109.82 ng/ml



#9 AR-1221-2

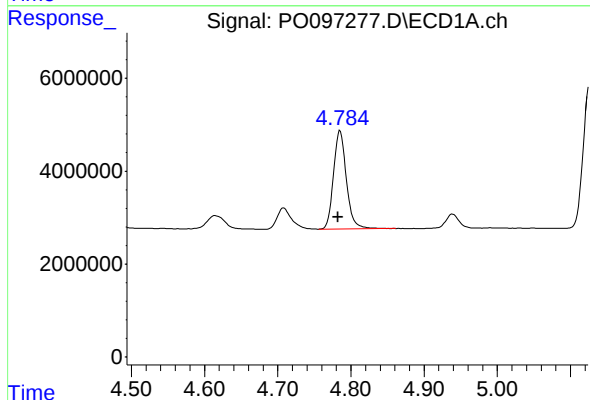
R.T.: 4.708 min
Delta R.T.: 0.003 min
Response: 6279908
Conc: 206.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



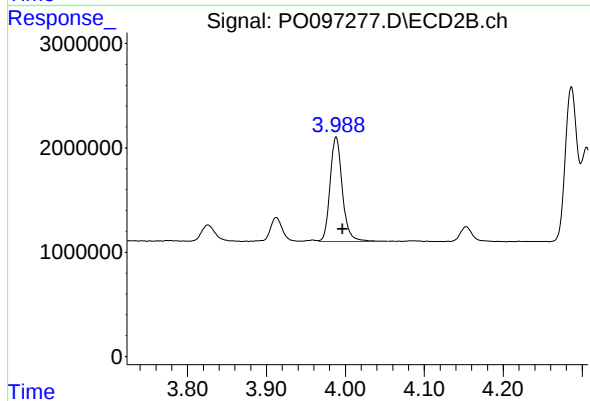
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.008 min
Response: 2417668
Conc: 187.12 ng/ml



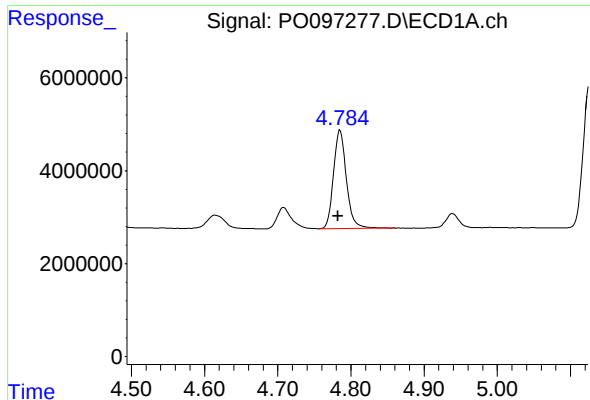
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 25812869
Conc: 294.90 ng/ml



#10 AR-1221-3

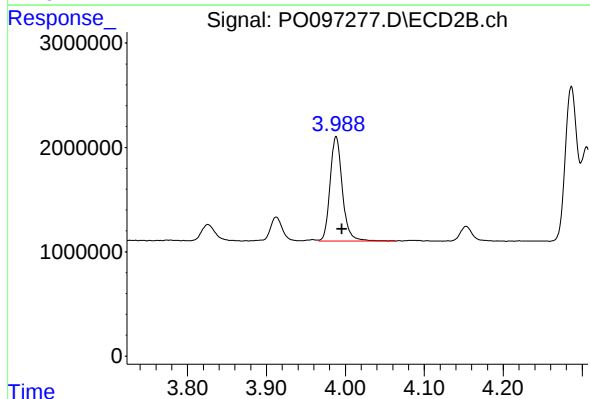
R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 10796193
Conc: 271.99 ng/ml



#11 AR-1232-1

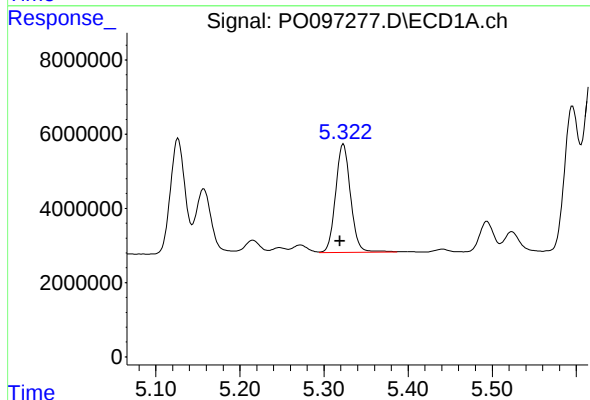
R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 25812869
Conc: 353.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



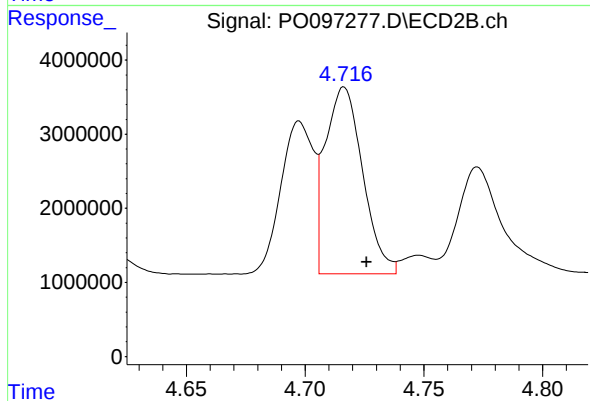
#11 AR-1232-1

R.T.: 3.988 min
Delta R.T.: -0.008 min
Response: 10796193
Conc: 333.76 ng/ml



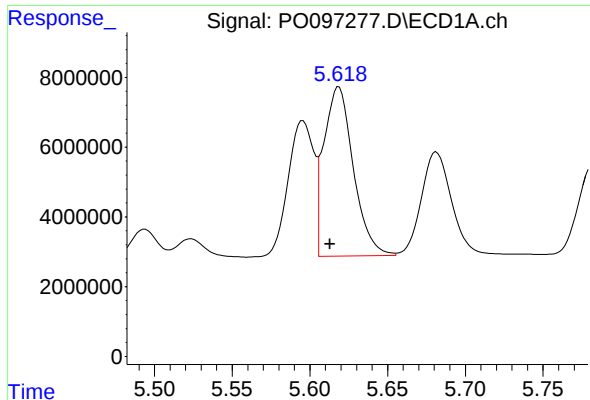
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.004 min
Response: 36270297
Conc: 914.86 ng/ml



#12 AR-1232-2

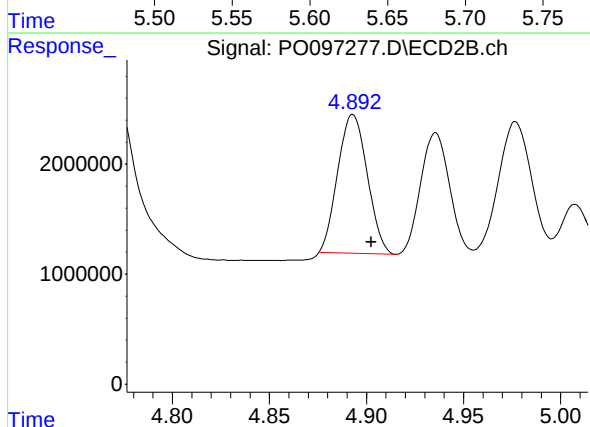
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 27661869
Conc: 958.73 ng/ml



#13 AR-1232-3

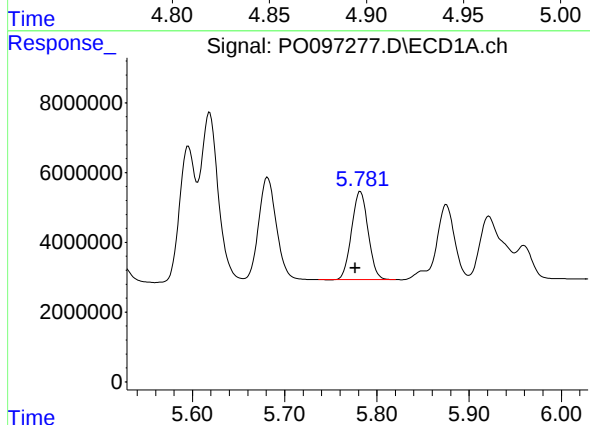
R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 64202550
Conc: 1049.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



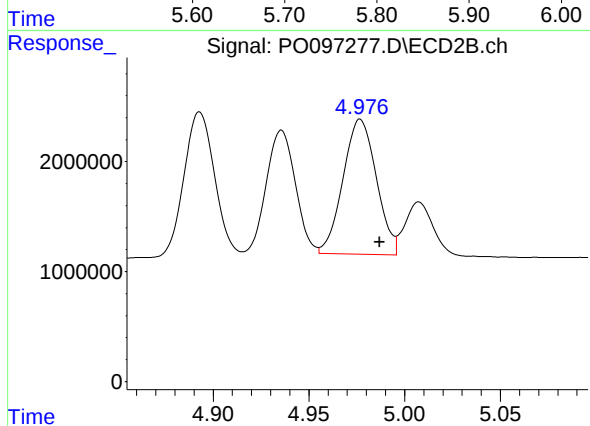
#13 AR-1232-3

R.T.: 4.893 min
Delta R.T.: -0.009 min
Response: 13361853
Conc: 881.28 ng/ml



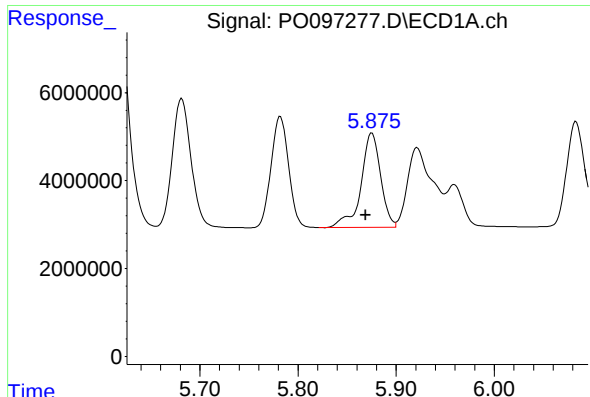
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 31407528
Conc: 1029.29 ng/ml



#14 AR-1232-4

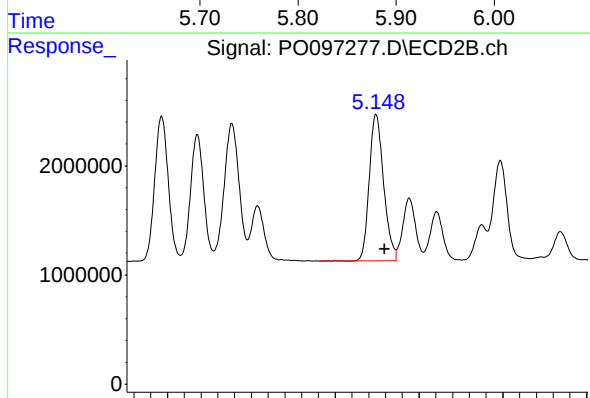
R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 14857432
Conc: 994.16 ng/ml



#15 AR-1232-5

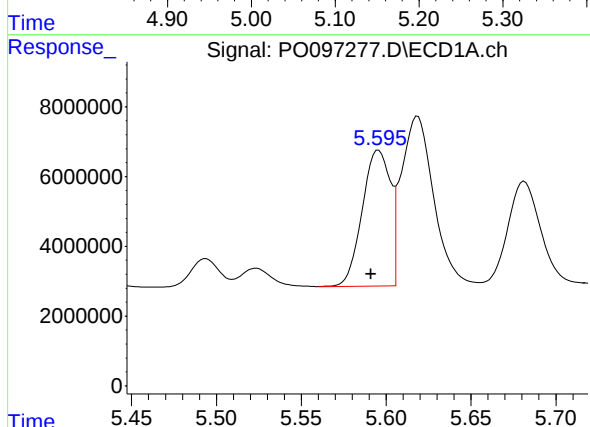
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 29757309
Conc: 1063.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



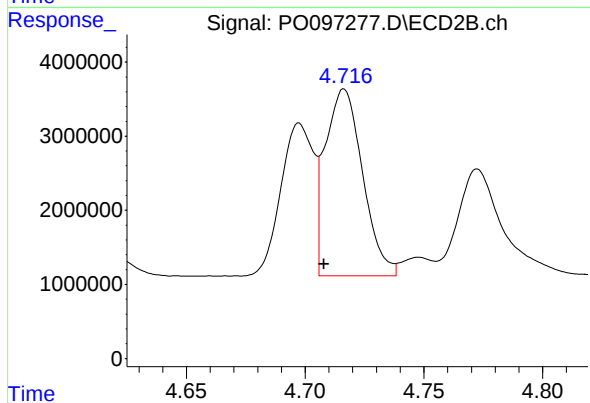
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 15956053
Conc: 976.10 ng/ml



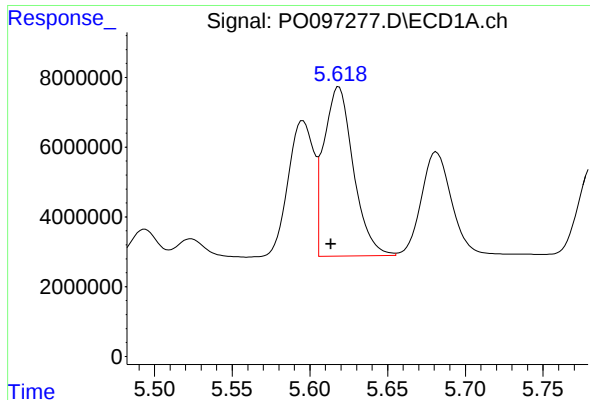
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 44732267
Conc: 533.69 ng/ml



#16 AR-1242-1

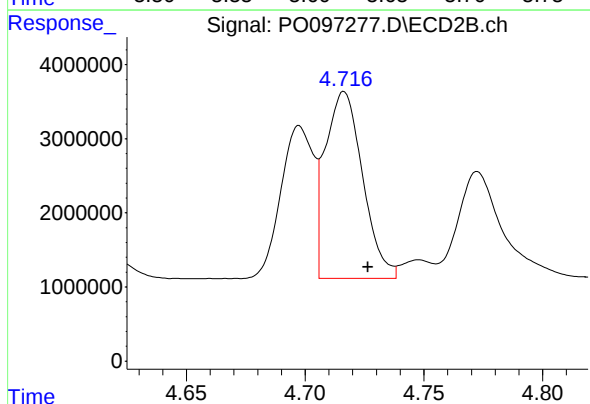
R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 27661869
Conc: 701.63 ng/ml



#17 AR-1242-2

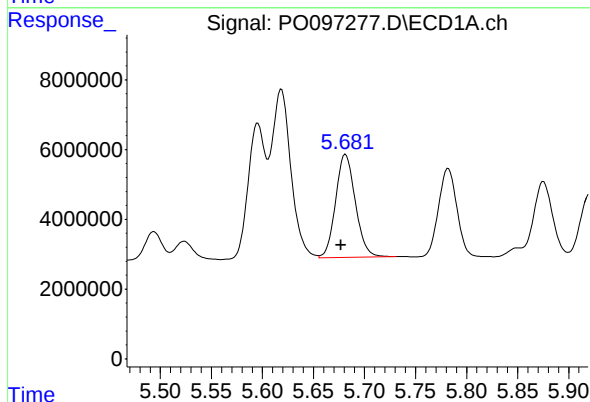
R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 64202550
Conc: 545.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



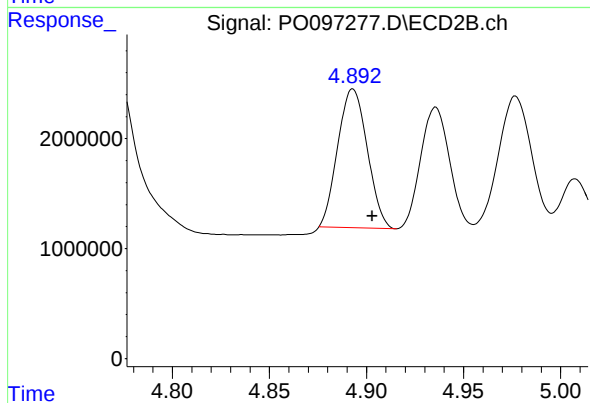
#17 AR-1242-2

R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 27661869
Conc: 507.64 ng/ml



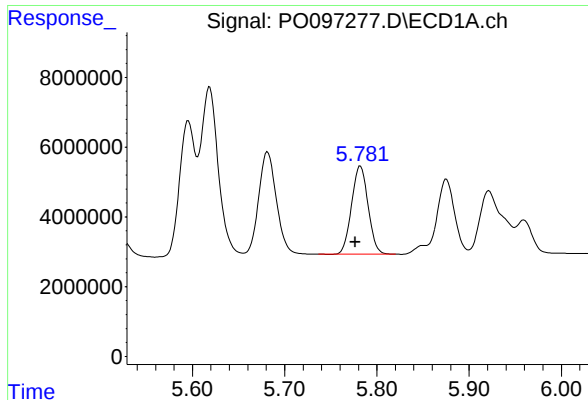
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 39755451
Conc: 538.16 ng/ml



#18 AR-1242-3

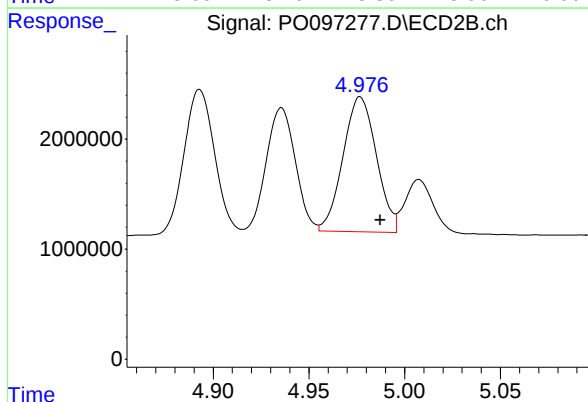
R.T.: 4.893 min
Delta R.T.: -0.010 min
Response: 13361853
Conc: 451.89 ng/ml



#19 AR-1242-4

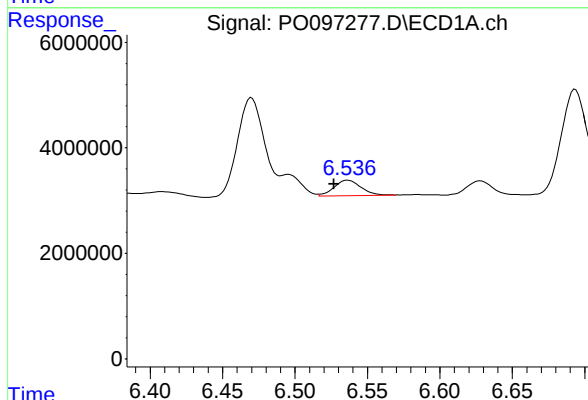
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 31407528
Conc: 527.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



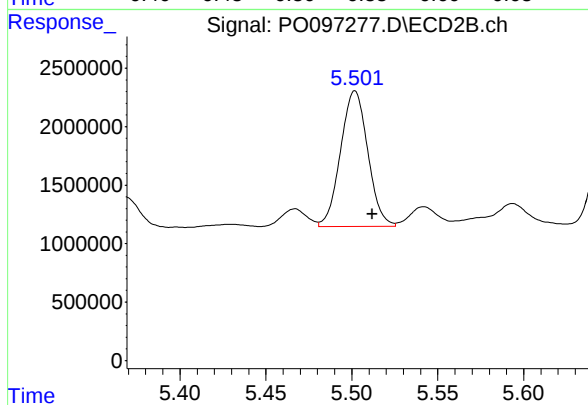
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.010 min
Response: 14857432
Conc: 471.46 ng/ml



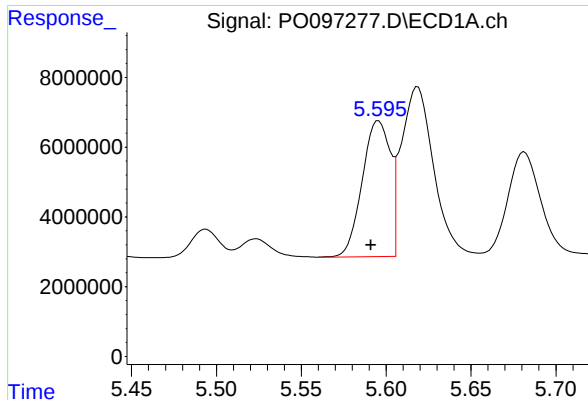
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 3825143
Conc: 69.52 ng/ml



#20 AR-1242-5

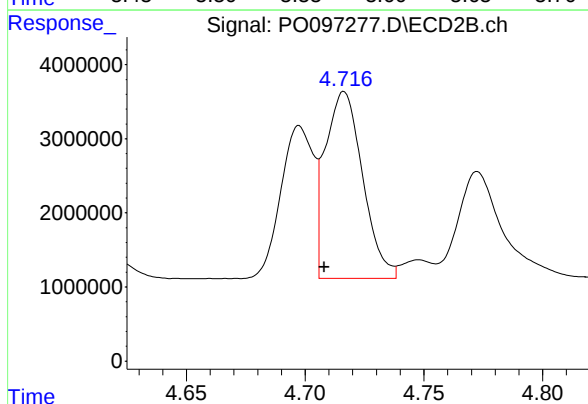
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 12829085
Conc: 352.10 ng/ml



#21 AR-1248-1

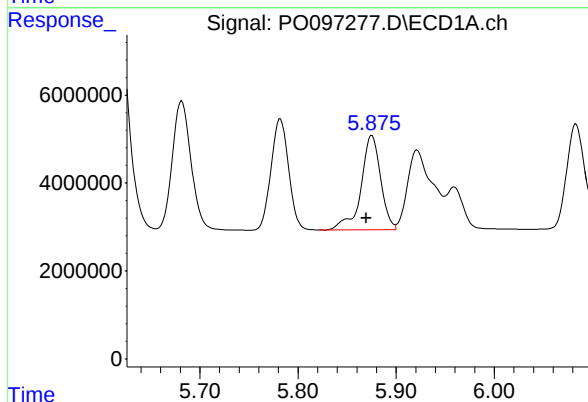
R.T.: 5.596 min
Delta R.T.: 0.004 min
Response: 44732267
Conc: 763.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



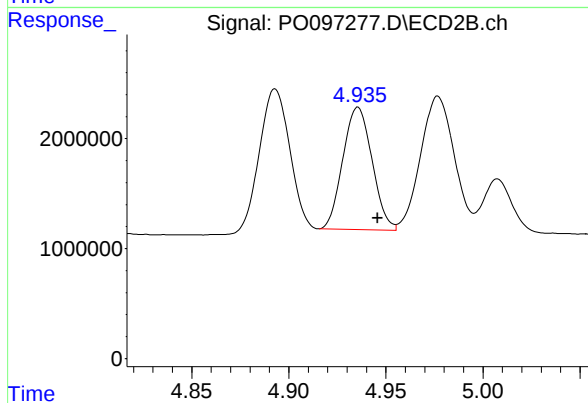
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 27661869
Conc: 985.72 ng/ml



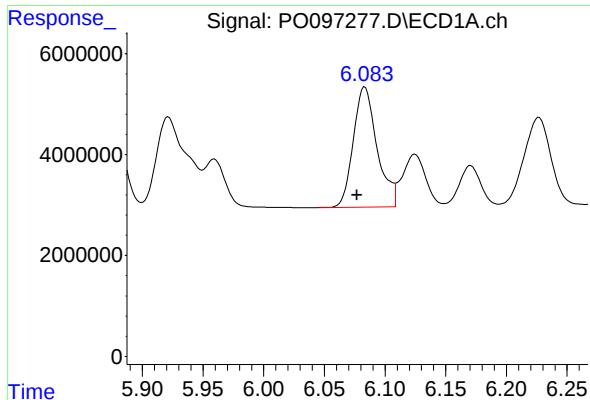
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 29757309
Conc: 316.51 ng/ml



#22 AR-1248-2

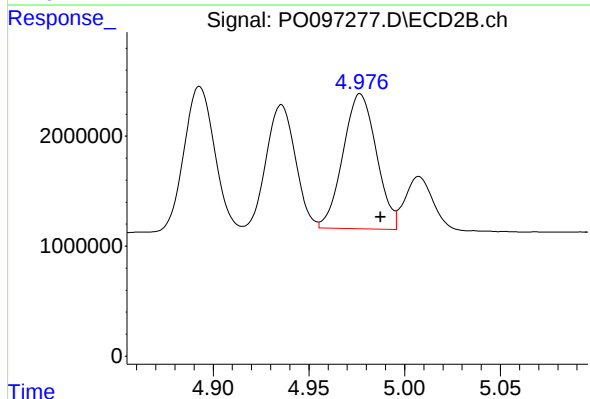
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 11668684
Conc: 275.33 ng/ml



#23 AR-1248-3

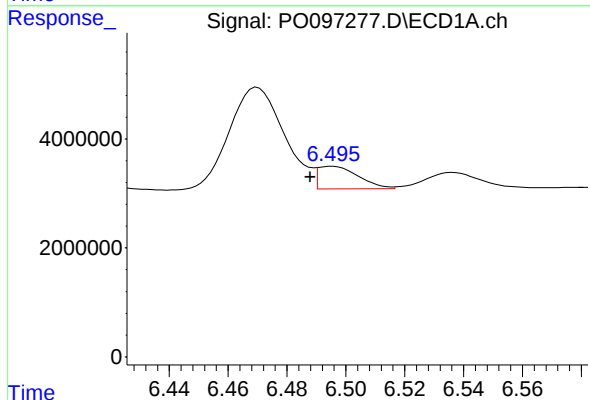
R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 32448439
Conc: 331.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



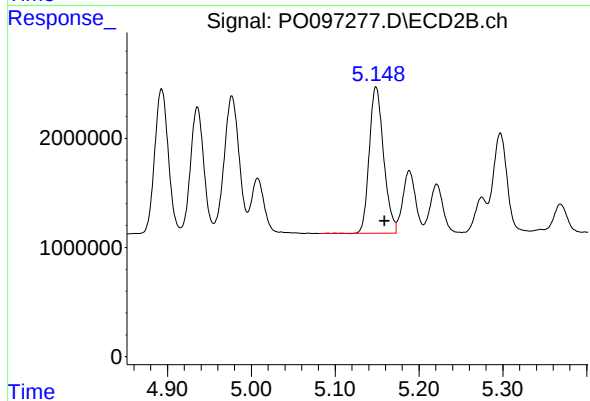
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.011 min
Response: 14857432
Conc: 338.71 ng/ml



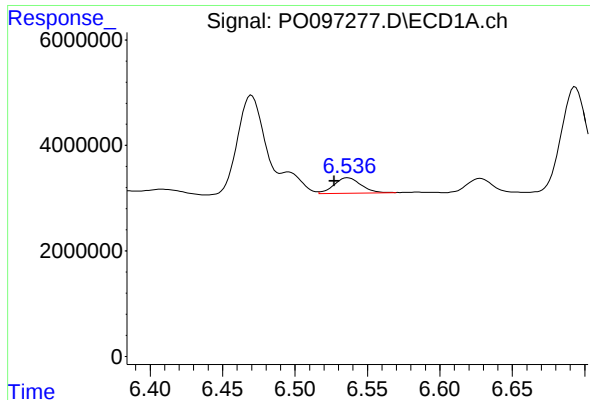
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 3958480
Conc: 43.57 ng/ml



#24 AR-1248-4

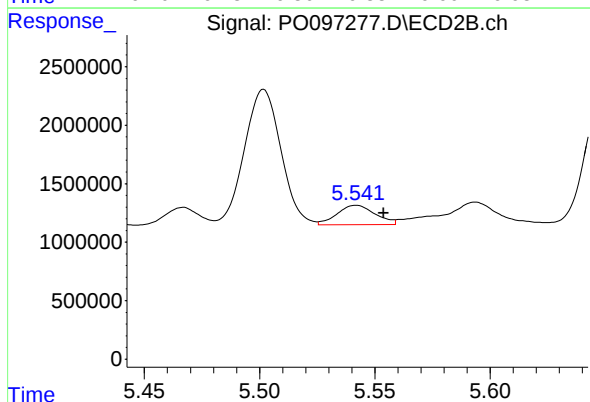
R.T.: 5.149 min
Delta R.T.: -0.010 min
Response: 15956053
Conc: 312.56 ng/ml



#25 AR-1248-5

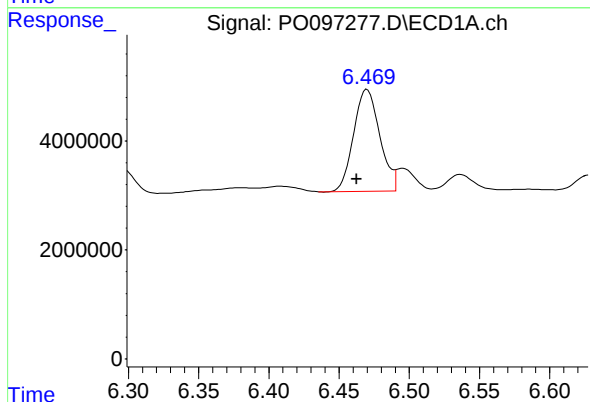
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 3825143
Conc: 43.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



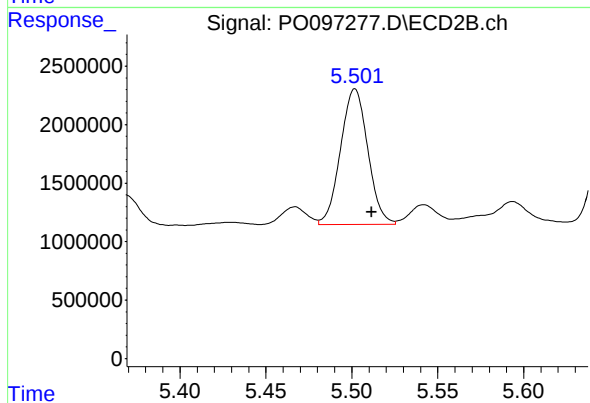
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.012 min
Response: 1905977
Conc: 40.77 ng/ml



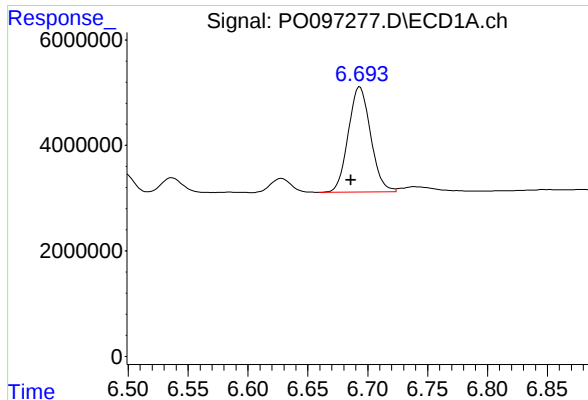
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.007 min
Response: 24278347
Conc: 222.14 ng/ml



#26 AR-1254-1

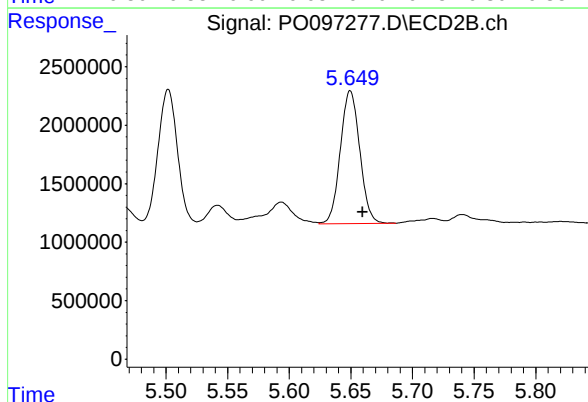
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 12829085
Conc: 173.84 ng/ml



#27 AR-1254-2

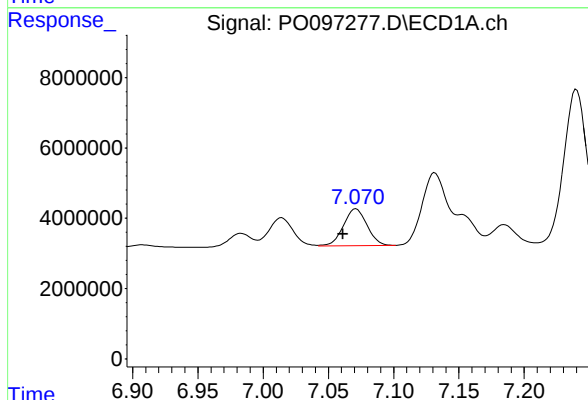
R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 25906751
Conc: 160.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



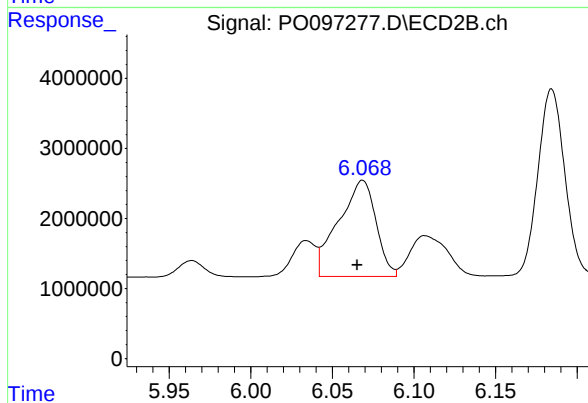
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 12488647
Conc: 189.57 ng/ml



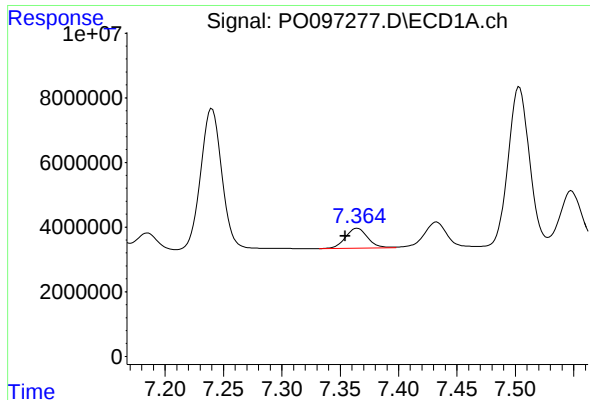
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 13212288
Conc: 84.32 ng/ml



#28 AR-1254-3

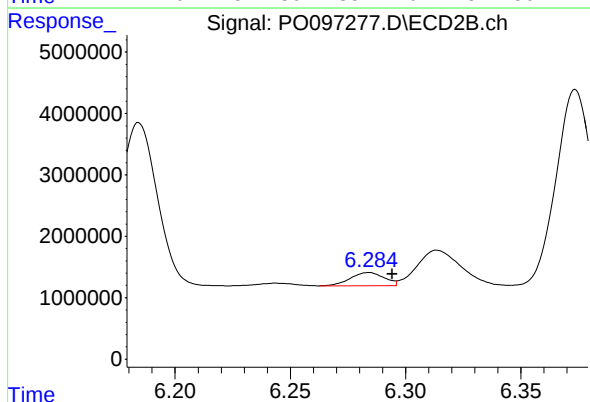
R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 21942686
Conc: 217.12 ng/ml



#29 AR-1254-4

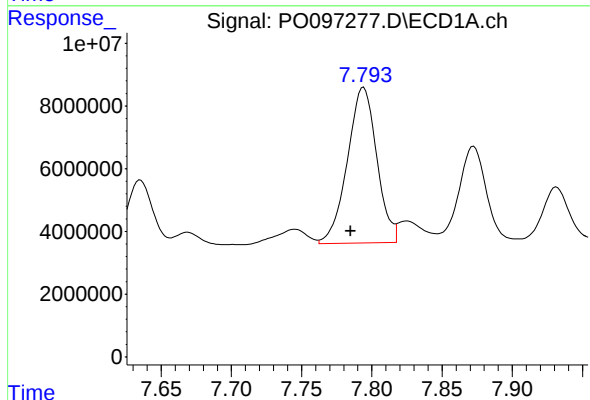
R.T.: 7.365 min
Delta R.T.: 0.010 min
Response: 8135904
Conc: 80.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



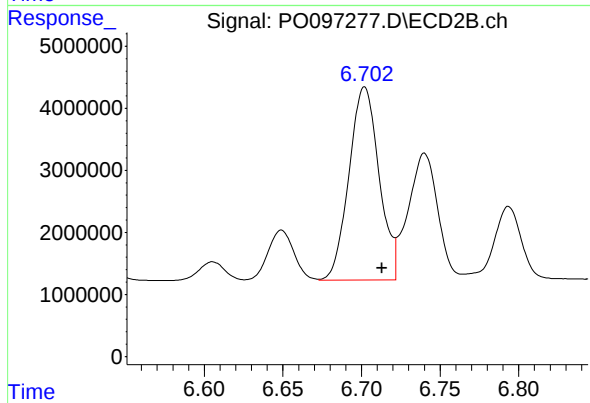
#29 AR-1254-4

R.T.: 6.284 min
Delta R.T.: -0.010 min
Response: 2219325
Conc: 38.35 ng/ml



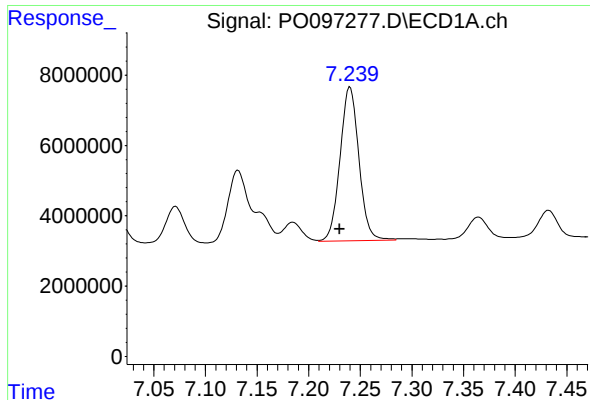
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.009 min
Response: 72265492
Conc: 643.99 ng/ml



#30 AR-1254-5

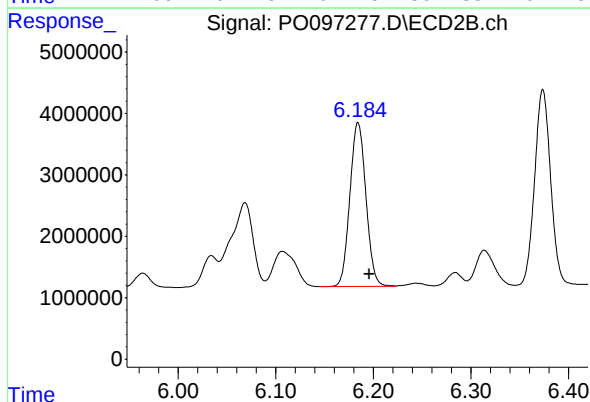
R.T.: 6.702 min
Delta R.T.: -0.011 min
Response: 41442213
Conc: 471.39 ng/ml



#31 AR-1260-1

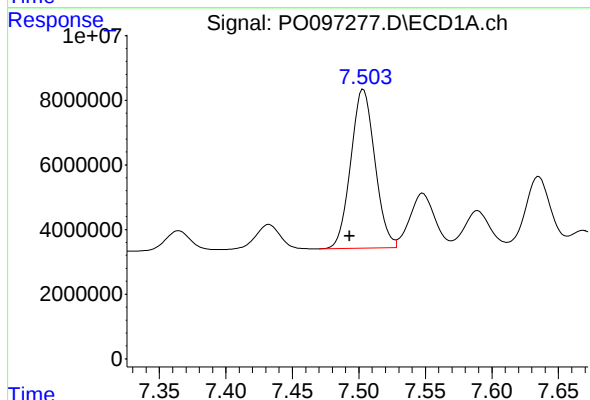
R.T.: 7.240 min
Delta R.T.: 0.010 min
Response: 55645383
Conc: 442.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



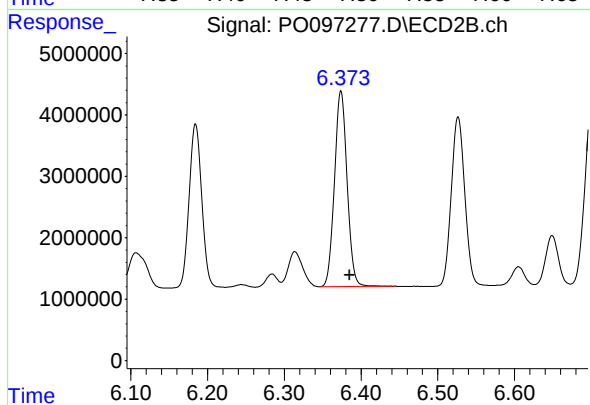
#31 AR-1260-1

R.T.: 6.184 min
Delta R.T.: -0.012 min
Response: 30502982
Conc: 433.48 ng/ml



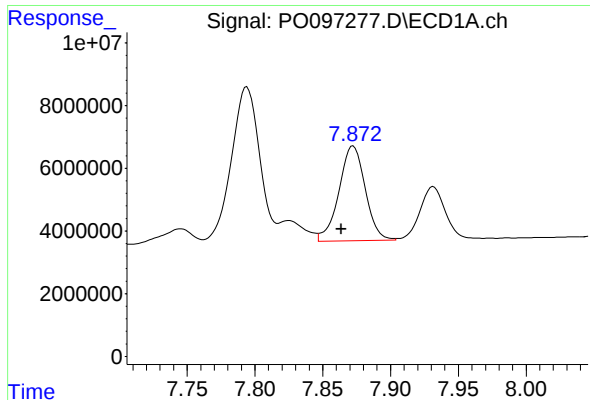
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 61966937
Conc: 459.92 ng/ml



#32 AR-1260-2

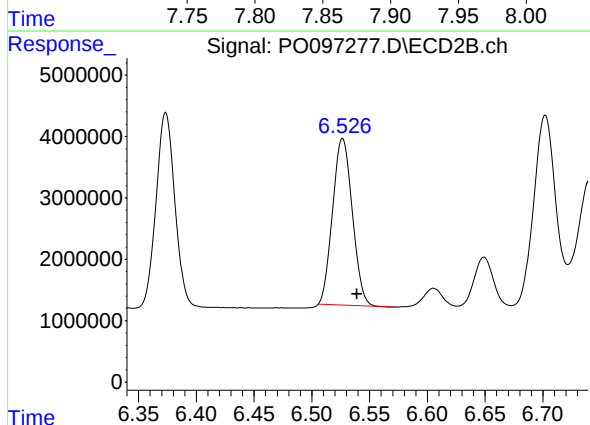
R.T.: 6.374 min
Delta R.T.: -0.012 min
Response: 36427179
Conc: 436.45 ng/ml



#33 AR-1260-3

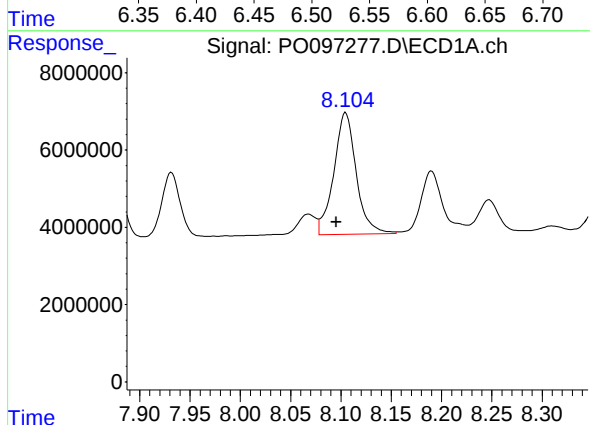
R.T.: 7.872 min
Delta R.T.: 0.009 min
Response: 40731568
Conc: 392.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



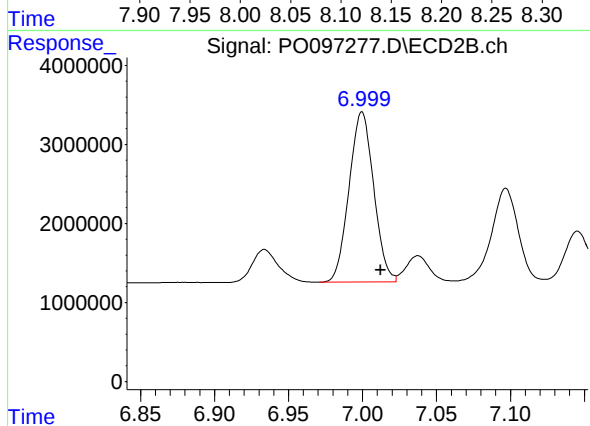
#33 AR-1260-3

R.T.: 6.527 min
Delta R.T.: -0.012 min
Response: 32286164
Conc: 418.11 ng/ml



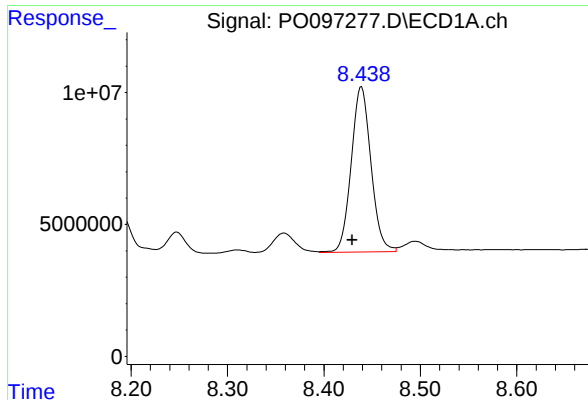
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: 0.009 min
Response: 48889418
Conc: 437.28 ng/ml



#34 AR-1260-4

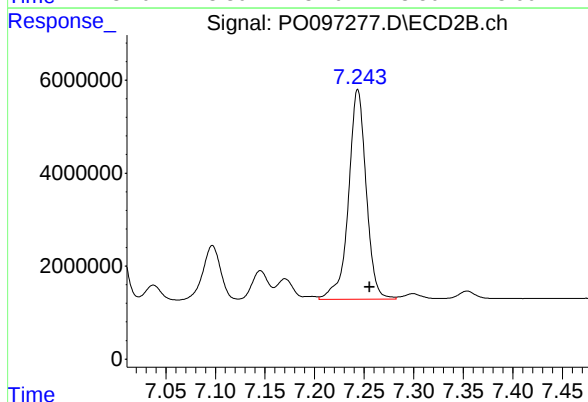
R.T.: 7.000 min
Delta R.T.: -0.012 min
Response: 24979051
Conc: 389.80 ng/ml



#35 AR-1260-5

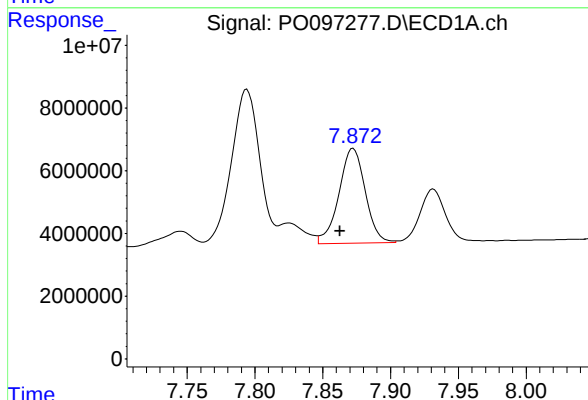
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 89657504
Conc: 426.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



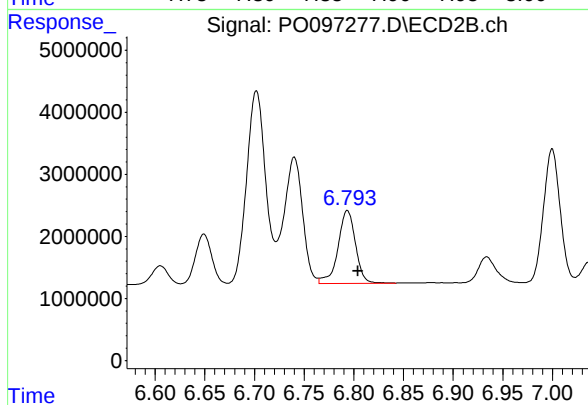
#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.012 min
Response: 56062119
Conc: 404.39 ng/ml



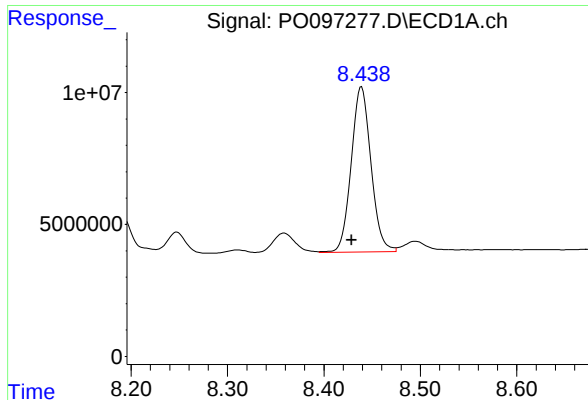
#36 AR-1262-1

R.T.: 7.872 min
Delta R.T.: 0.010 min
Response: 40731568
Conc: 274.24 ng/ml



#36 AR-1262-1

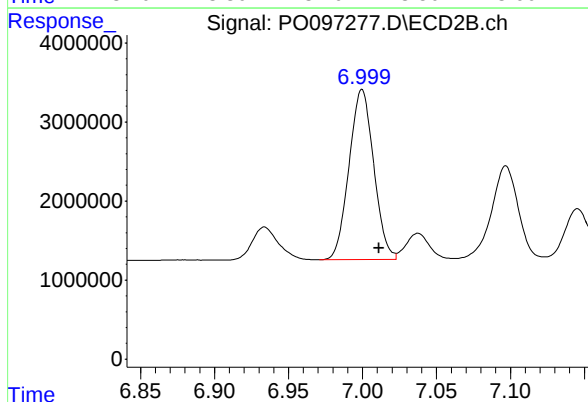
R.T.: 6.794 min
Delta R.T.: -0.011 min
Response: 14355213
Conc: 364.64 ng/ml



#37 AR-1262-2

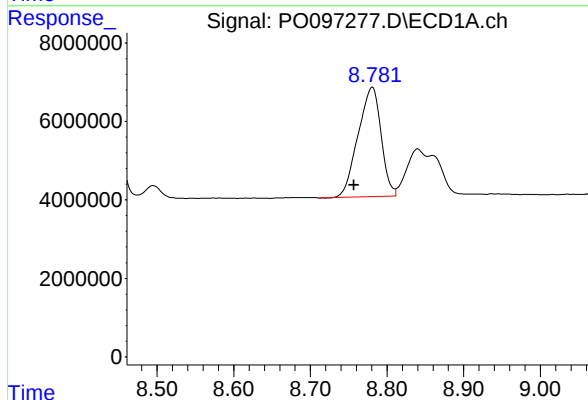
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 89657504
Conc: 387.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



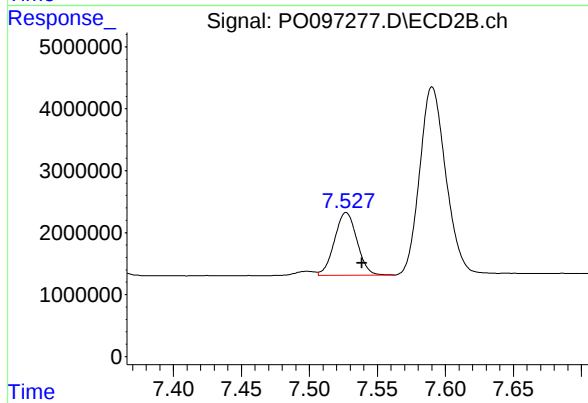
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: -0.011 min
Response: 24979051
Conc: 307.98 ng/ml



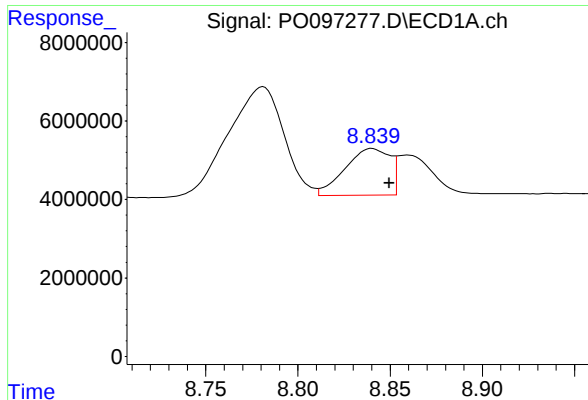
#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: 0.024 min
Response: 58524144
Conc: 350.87 ng/ml



#38 AR-1262-3

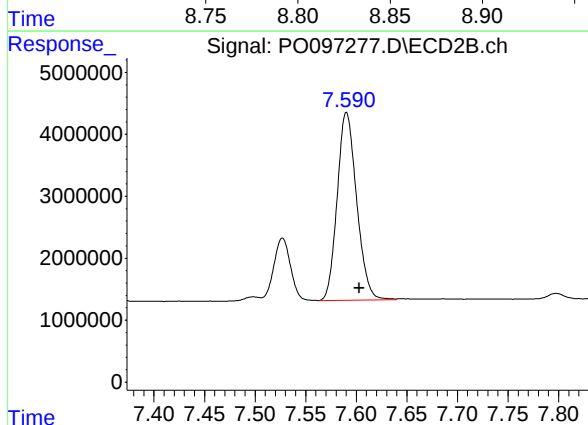
R.T.: 7.527 min
Delta R.T.: -0.012 min
Response: 11614058
Conc: 180.98 ng/ml



#39 AR-1262-4

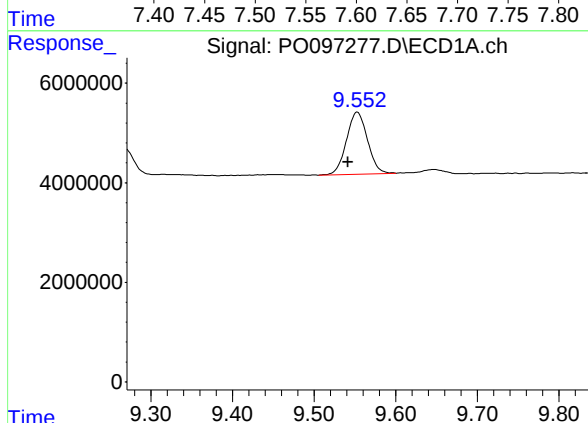
R.T.: 8.840 min
Delta R.T.: -0.010 min
Response: 20158796
Conc: 276.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



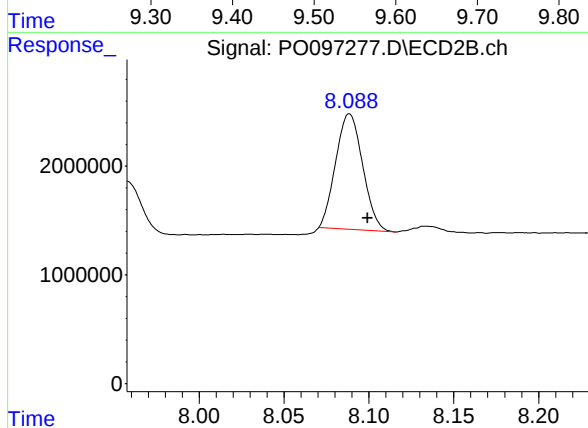
#39 AR-1262-4

R.T.: 7.590 min
Delta R.T.: -0.013 min
Response: 40613701
Conc: 357.51 ng/ml



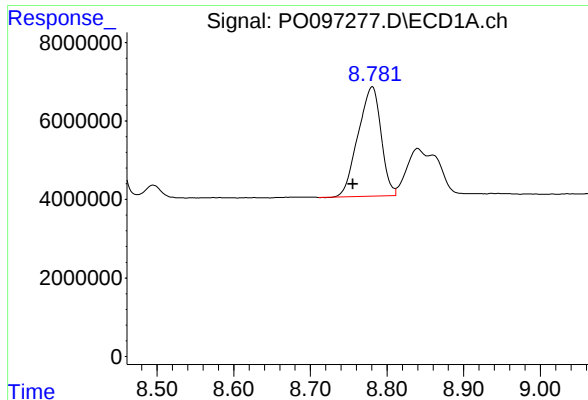
#40 AR-1262-5

R.T.: 9.553 min
Delta R.T.: 0.012 min
Response: 22258587
Conc: 267.28 ng/ml



#40 AR-1262-5

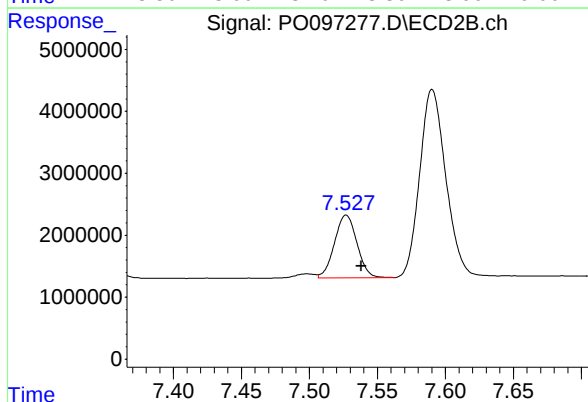
R.T.: 8.089 min
Delta R.T.: -0.011 min
Response: 11741475
Conc: 223.57 ng/ml



#41 AR-1268-1

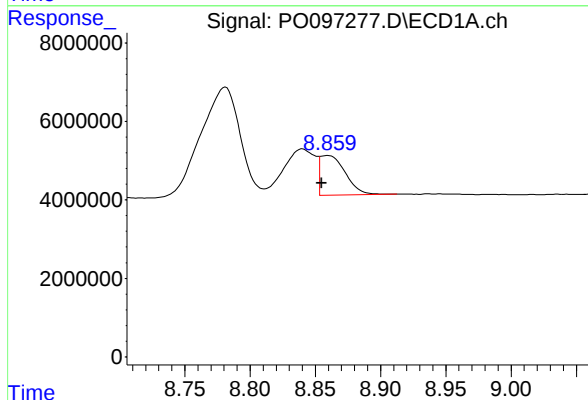
R.T.: 8.781 min
Delta R.T.: 0.026 min
Response: 58524144
Conc: 190.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



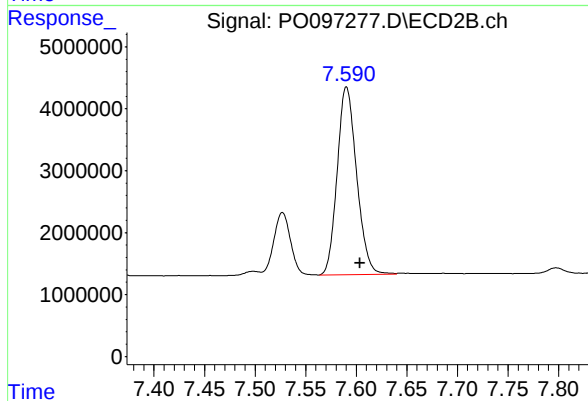
#41 AR-1268-1

R.T.: 7.527 min
Delta R.T.: -0.011 min
Response: 11614058
Conc: 62.68 ng/ml



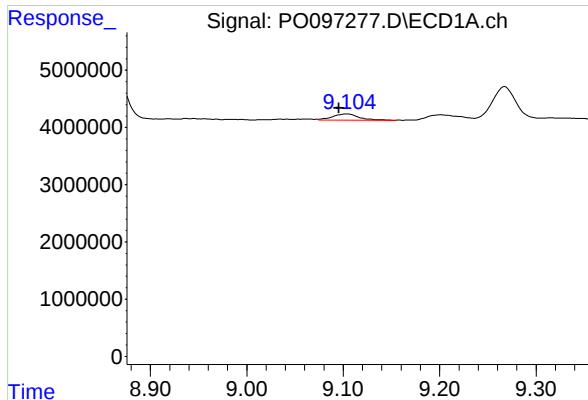
#42 AR-1268-2

R.T.: 8.860 min
Delta R.T.: 0.005 min
Response: 13501871
Conc: 49.24 ng/ml



#42 AR-1268-2

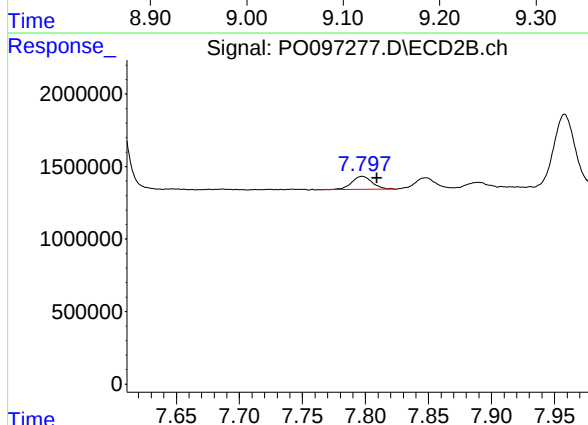
R.T.: 7.590 min
Delta R.T.: -0.013 min
Response: 40613701
Conc: 242.20 ng/ml



#43 AR-1268-3

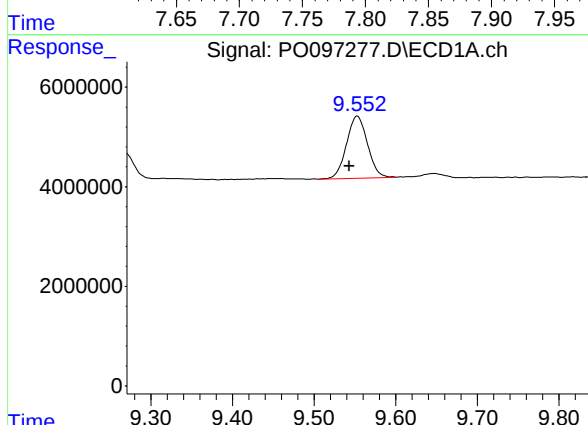
R.T.: 9.104 min
Delta R.T.: 0.008 min
Response: 2097755
Conc: 8.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



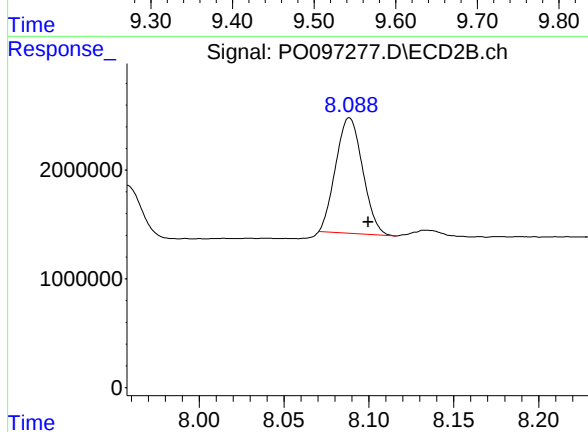
#43 AR-1268-3

R.T.: 7.798 min
Delta R.T.: -0.012 min
Response: 1038086
Conc: 7.18 ng/ml



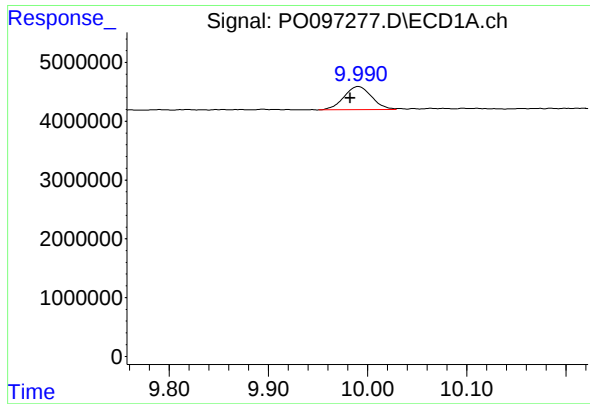
#44 AR-1268-4

R.T.: 9.553 min
Delta R.T.: 0.010 min
Response: 22258587
Conc: 240.08 ng/ml



#44 AR-1268-4

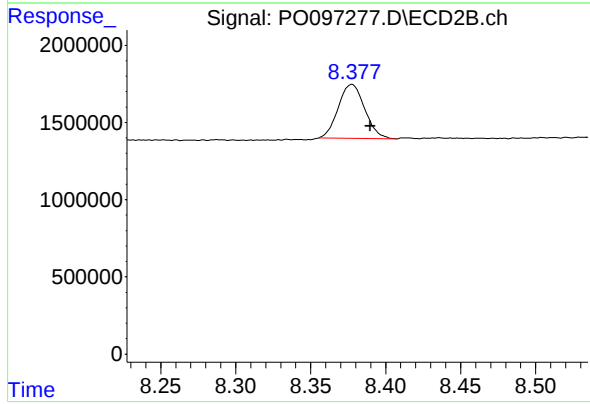
R.T.: 8.089 min
Delta R.T.: -0.011 min
Response: 11741475
Conc: 197.09 ng/ml



#45 AR-1268-5

R.T.: 9.991 min
Delta R.T.: 0.008 min
Response: 7714174
Conc: 9.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.377 min
Delta R.T.: -0.012 min
Response: 4281798
Conc: 10.29 ng/ml