

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ010422\
 Data File : PQ055562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2022 09:41
 Operator : AJ\MA
 Sample : AR160CCC500
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR160CCC500

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/05/2022
 Supervised By :mohammad ahmed 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 10:14:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ010422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 04 15:29:13 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	5.237	4.303	674.1E6	547.5E6	58.725	56.887m
2) SA Decachlor...	11.421	9.684	699.5E6	353.0E6	46.907	47.496
Target Compounds						
3) L1 AR-1016-1	6.561	5.573	188.1E6	190.0E6	569.885	601.994
4) L1 AR-1016-2	6.585	5.594	309.2E6	269.7E6	567.029	603.473
5) L1 AR-1016-3	6.651	5.787	199.7E6	139.2E6	544.484	582.364
6) L1 AR-1016-4	6.759	5.837	170.0E6	113.1E6	559.391	542.067
7) L1 AR-1016-5	7.074	6.069	140.9E6	139.3E6	535.375	535.342
31) L7 AR-1260-1	8.250	7.169	210.8E6	249.4E6	481.014	528.596
32) L7 AR-1260-2	8.515	7.364	261.1E6	294.4E6	490.404	522.011
33) L7 AR-1260-3	8.882	7.522	226.1E6	263.0E6	487.723	500.308
34) L7 AR-1260-4	9.124	8.006	267.7E6	211.2E6	497.549	483.715
35) L7 AR-1260-5	9.471	8.251	592.3E6	506.1E6	493.786	502.993

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

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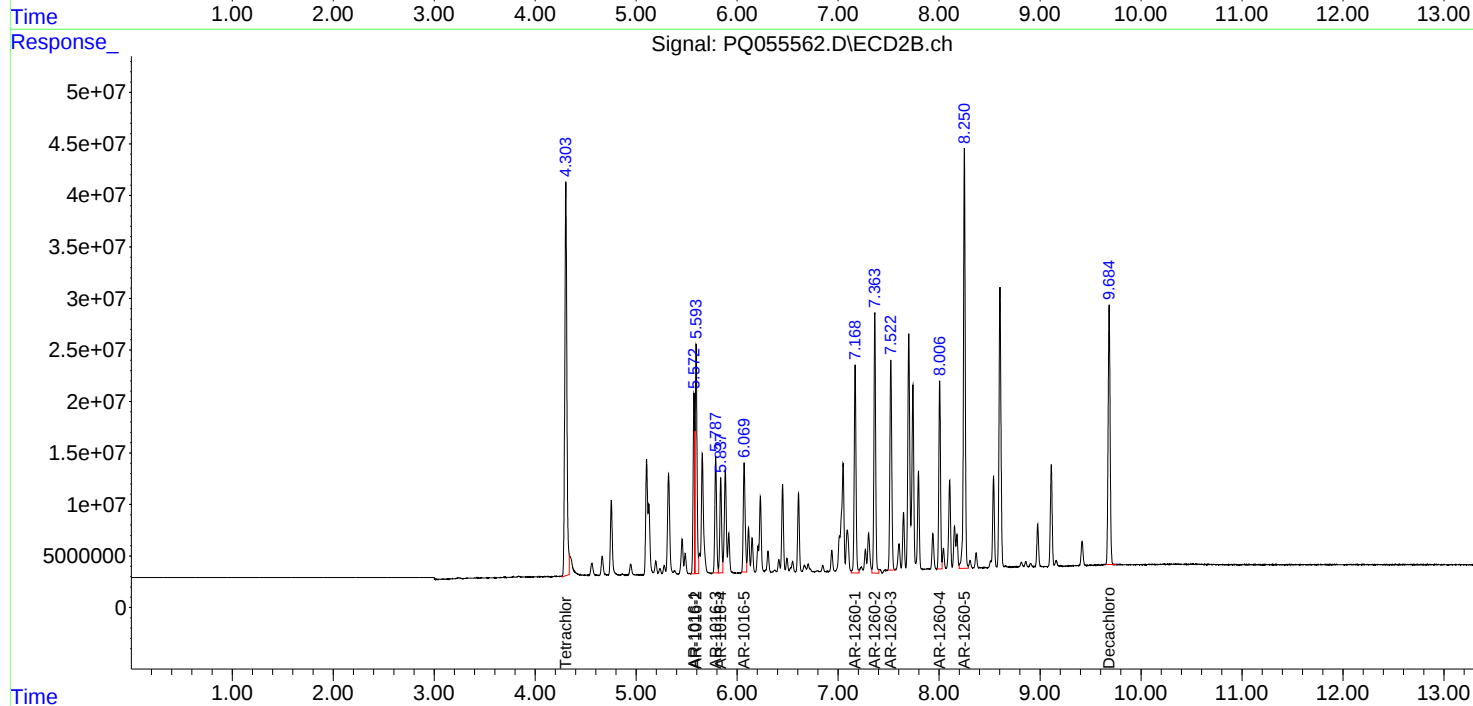
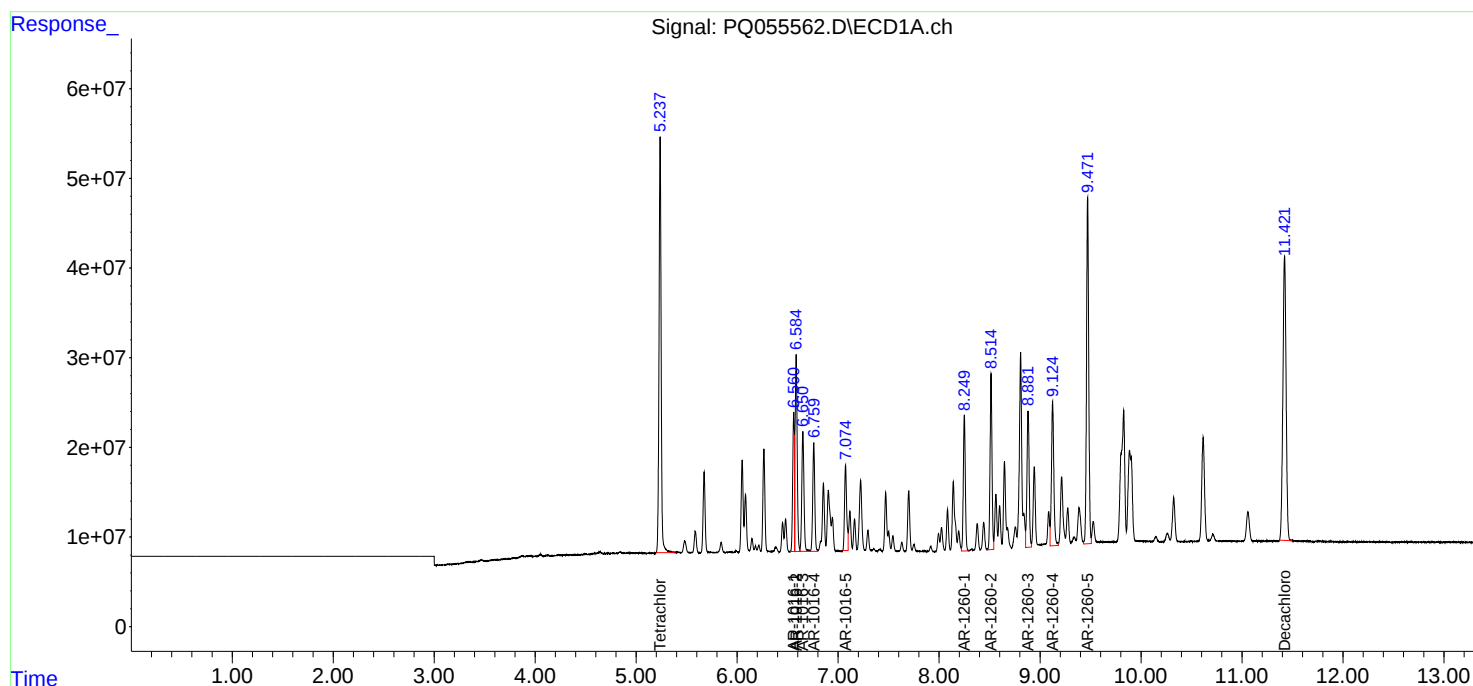
Instrument :
ECD_Q
ClientSampleId :
AR160CCC500

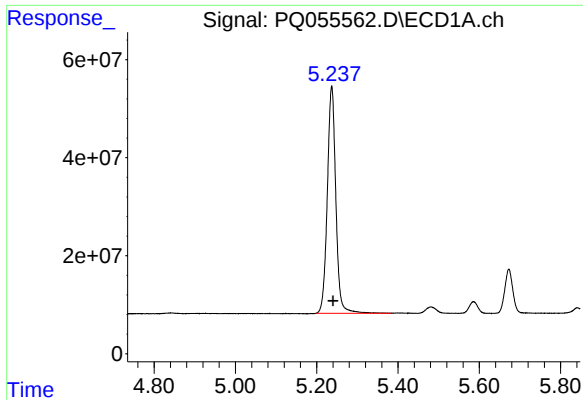
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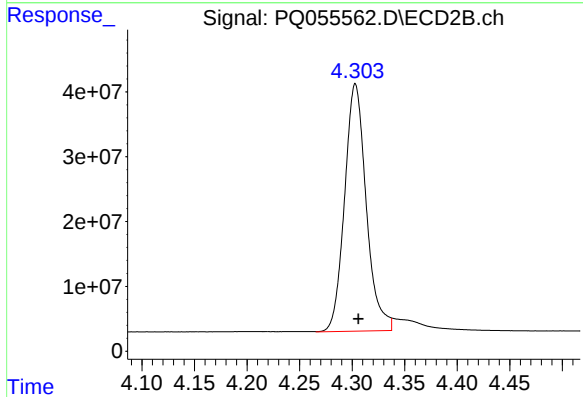
#1 Tetrachloro-m-xylene

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 674097355
Conc: 58.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR160CCC500

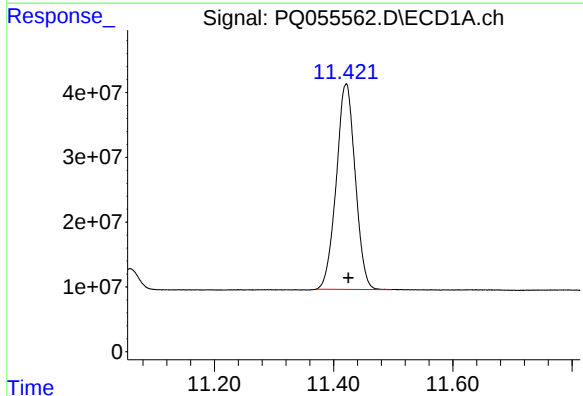
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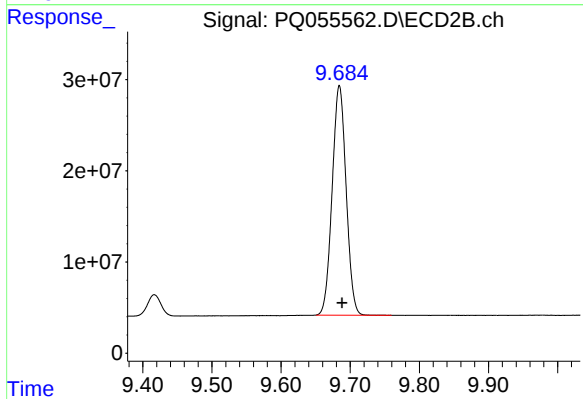
#1 Tetrachloro-m-xylene

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 547547195
Conc: 56.89 ng/ml m



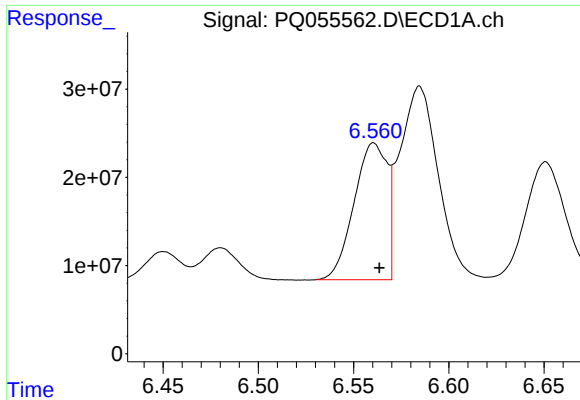
#2 Decachlorobiphenyl

R.T.: 11.421 min
Delta R.T.: -0.003 min
Response: 699542995
Conc: 46.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.684 min
Delta R.T.: -0.004 min
Response: 352968794
Conc: 47.50 ng/ml



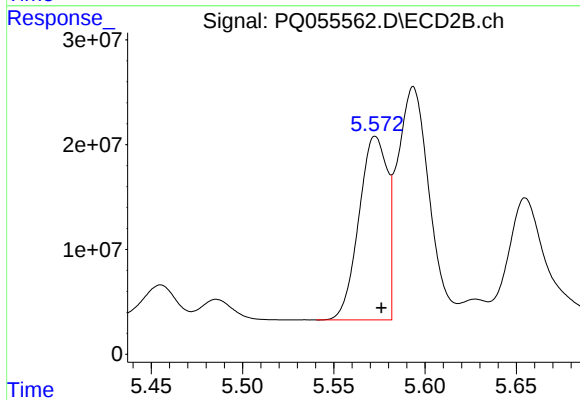
#3 AR-1016-1

R.T.: 6.561 min
Delta R.T.: -0.003 min
Response: 188090384
Conc: 569.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR160CCC500

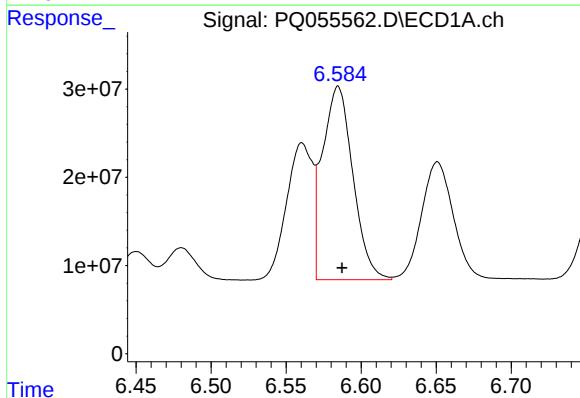
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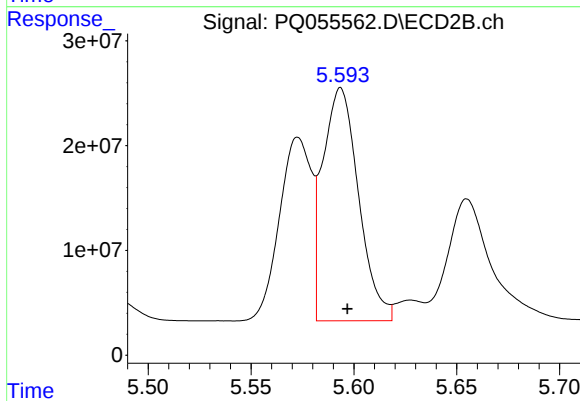
#3 AR-1016-1

R.T.: 5.573 min
Delta R.T.: -0.003 min
Response: 190000517
Conc: 601.99 ng/ml



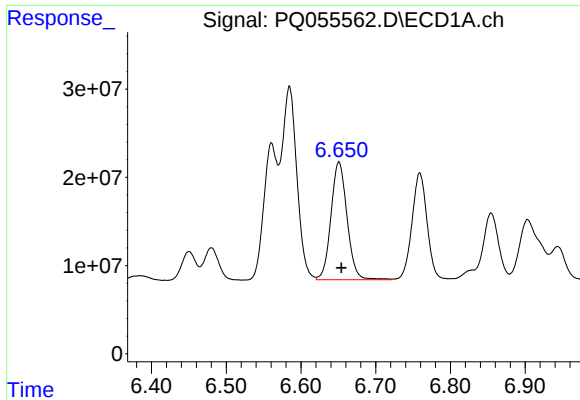
#4 AR-1016-2

R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 309248657
Conc: 567.03 ng/ml



#4 AR-1016-2

R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 269695994
Conc: 603.47 ng/ml



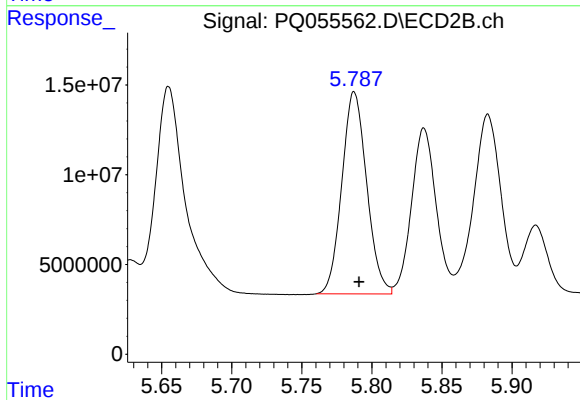
#5 AR-1016-3

R.T.: 6.651 min
Delta R.T.: -0.004 min
Response: 199740002
Conc: 544.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR160CCC500

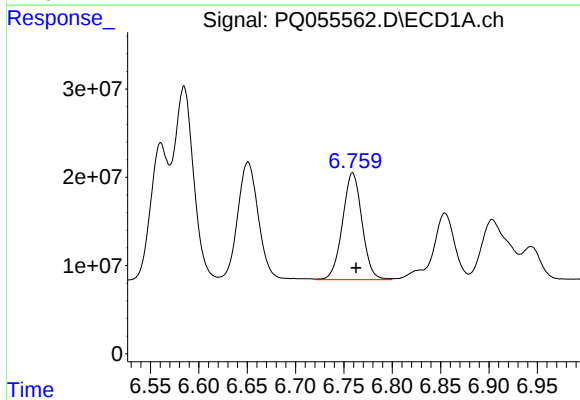
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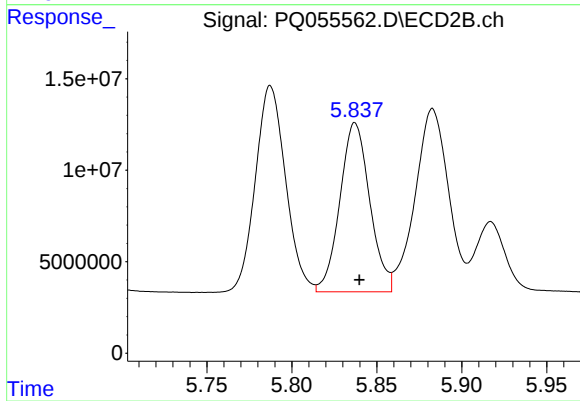
#5 AR-1016-3

R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 139174391
Conc: 582.36 ng/ml



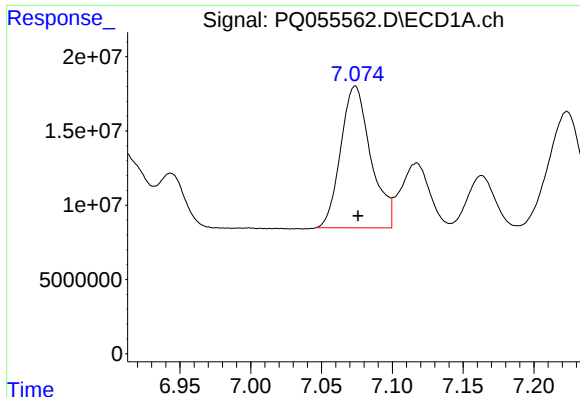
#6 AR-1016-4

R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 169953370
Conc: 559.39 ng/ml



#6 AR-1016-4

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 113086890
Conc: 542.07 ng/ml



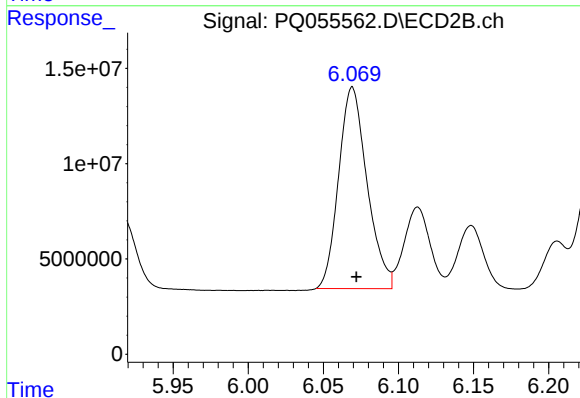
#7 AR-1016-5

R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 140924405
Conc: 535.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR160CCC500

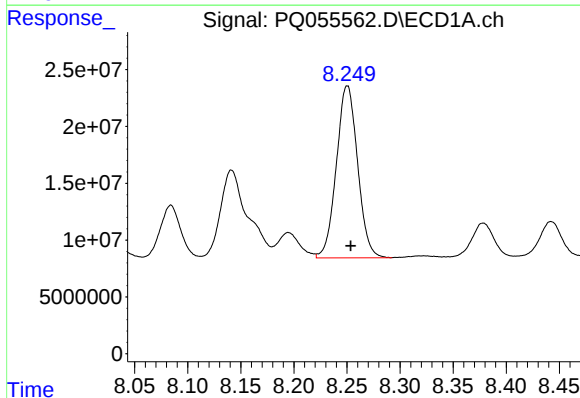
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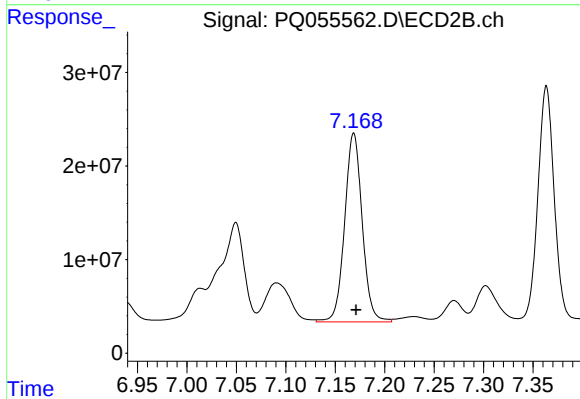
#7 AR-1016-5

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 139281558
Conc: 535.34 ng/ml



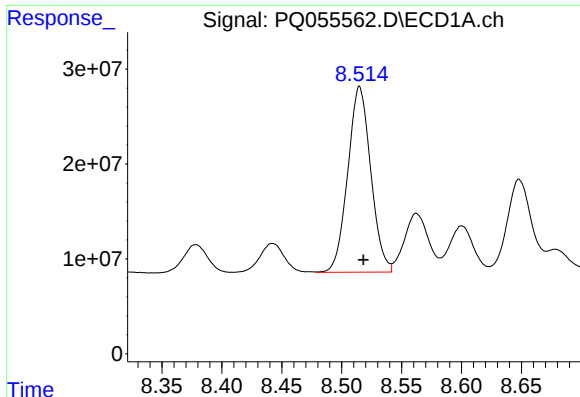
#31 AR-1260-1

R.T.: 8.250 min
Delta R.T.: -0.003 min
Response: 210833772
Conc: 481.01 ng/ml



#31 AR-1260-1

R.T.: 7.169 min
Delta R.T.: -0.002 min
Response: 249375056
Conc: 528.60 ng/ml



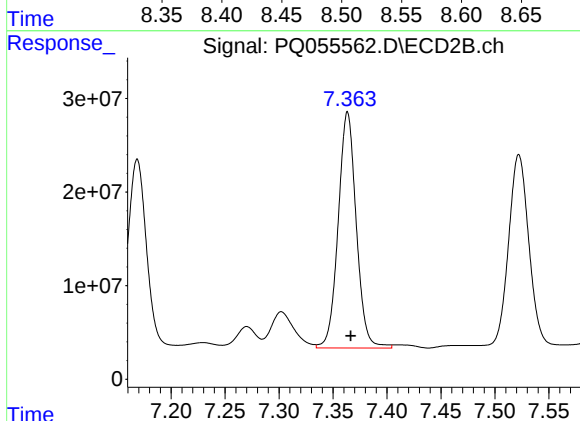
#32 AR-1260-2

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 261136104
Conc: 490.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR160CCC500

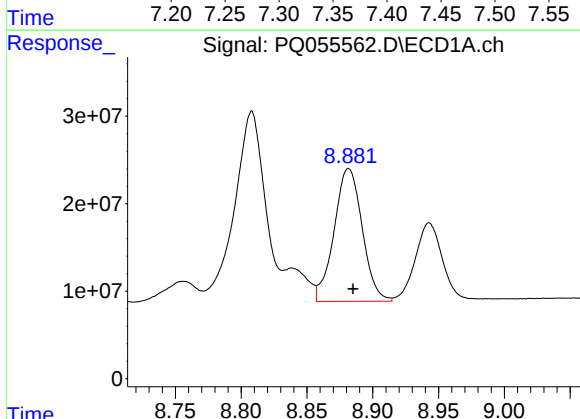
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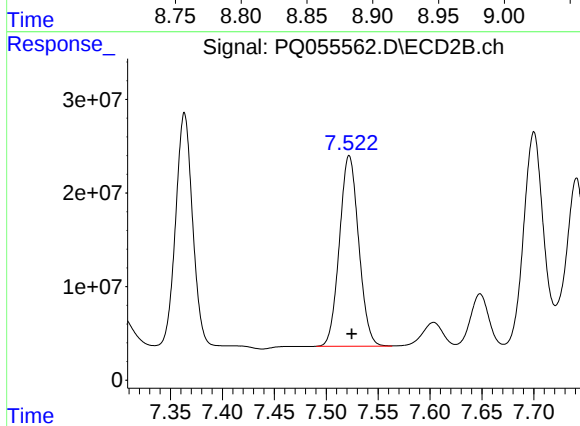
#32 AR-1260-2

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 294382663
Conc: 522.01 ng/ml



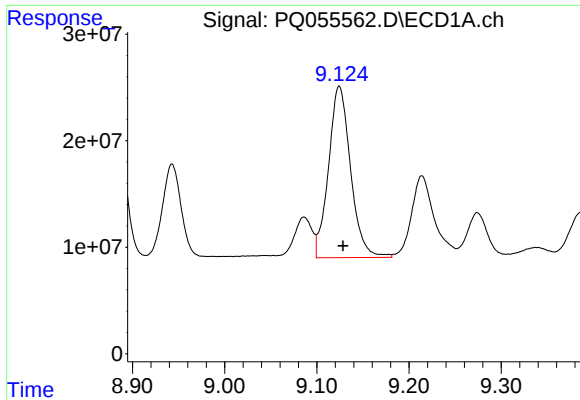
#33 AR-1260-3

R.T.: 8.882 min
Delta R.T.: -0.003 min
Response: 226091937
Conc: 487.72 ng/ml



#33 AR-1260-3

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 263013055
Conc: 500.31 ng/ml



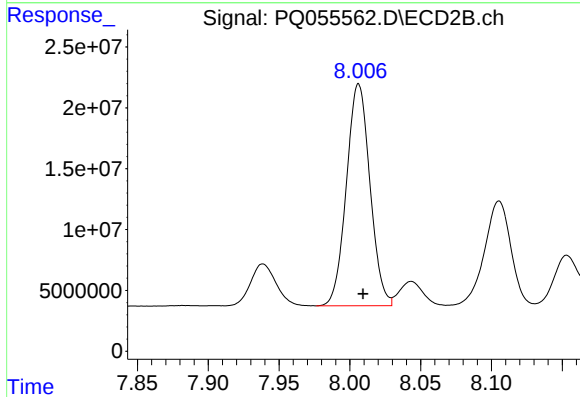
#34 AR-1260-4

R.T.: 9.124 min
Delta R.T.: -0.004 min
Response: 267740372
Conc: 497.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR160CCC500

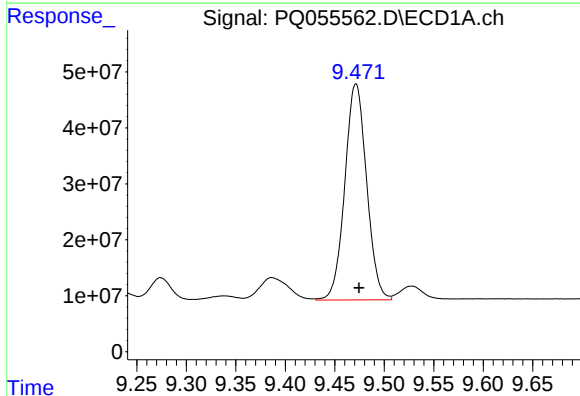
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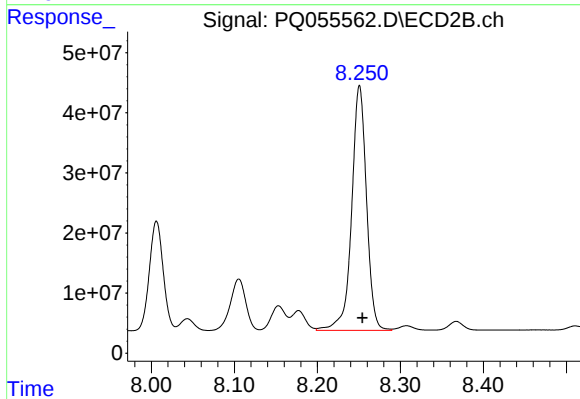
#34 AR-1260-4

R.T.: 8.006 min
Delta R.T.: -0.003 min
Response: 211162330
Conc: 483.71 ng/ml



#35 AR-1260-5

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 592279999
Conc: 493.79 ng/ml



#35 AR-1260-5

R.T.: 8.251 min
Delta R.T.: -0.003 min
Response: 506129378
Conc: 502.99 ng/ml