

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0083123\  
 Data File : P0097600.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2023 21:17  
 Operator : YP/AJ  
 Sample : 04249-01MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 SU-02-083023MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023  
 Supervised By :mohammad ahmed 09/01/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 01 01:46:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0082823.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Aug 29 10:29:21 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...          | 4.445  | 3.626 | 60801247 | 12265981 | 18.217   | 18.182   |
| 2) SA Decachlor...          | 10.301 | 8.669 | 32936886 | 10016937 | 17.946   | 17.450   |
| Target Compounds            |        |       |          |          |          |          |
| 3) L1 AR-1016-1             | 5.622  | 4.718 | 43525533 | 12090037 | 483.572m | 555.387m |
| 4) L1 AR-1016-2             | 5.645  | 4.736 | 61485552 | 15938928 | 443.117m | 528.224m |
| 5) L1 AR-1016-3             | 5.707  | 4.913 | 39694077 | 8715881  | 437.796m | 539.570  |
| 6) L1 AR-1016-4             | 5.806  | 4.956 | 30782376 | 7366641  | 443.968m | 513.382  |
| 7) L1 AR-1016-5             | 6.105  | 5.170 | 29295544 | 7868570  | 412.443  | 430.253m |
| 31) L7 AR-1260-1            | 7.243  | 6.210 | 52694063 | 16913842 | 412.815  | 452.855  |
| 32) L7 AR-1260-2            | 7.502  | 6.399 | 61254314 | 19395481 | 449.519  | 458.368  |
| 33) L7 AR-1260-3            | 7.867  | 6.554 | 37237255 | 17069703 | 352.298  | 407.800  |
| 34) L7 AR-1260-4            | 8.095  | 7.028 | 45668351 | 11943741 | 403.701  | 369.283  |
| 35) L7 AR-1260-5            | 8.424  | 7.270 | 81922132 | 28038294 | 435.805  | 424.643  |
| -----                       |        |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0083123\  
Data File : P0097600.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2023 21:17  
Operator : YP/AJ  
Sample : 04249-01MSD  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

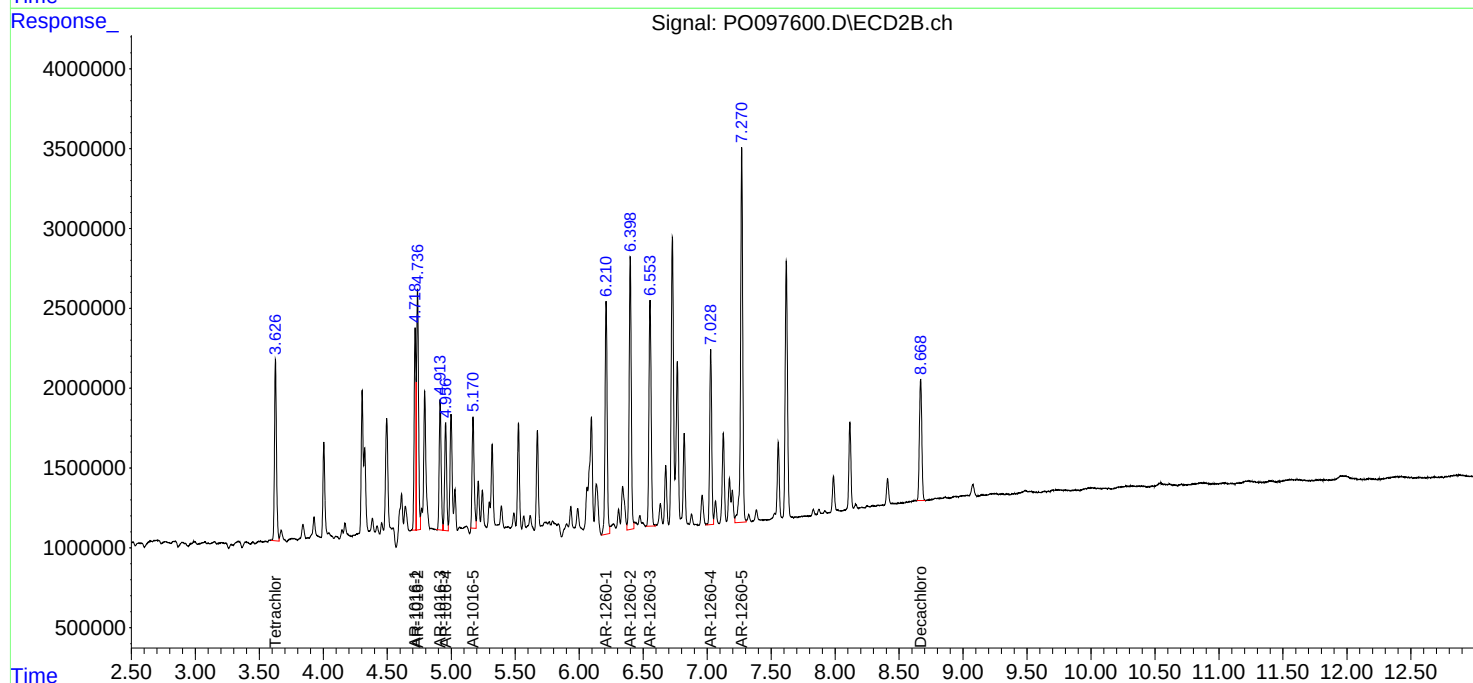
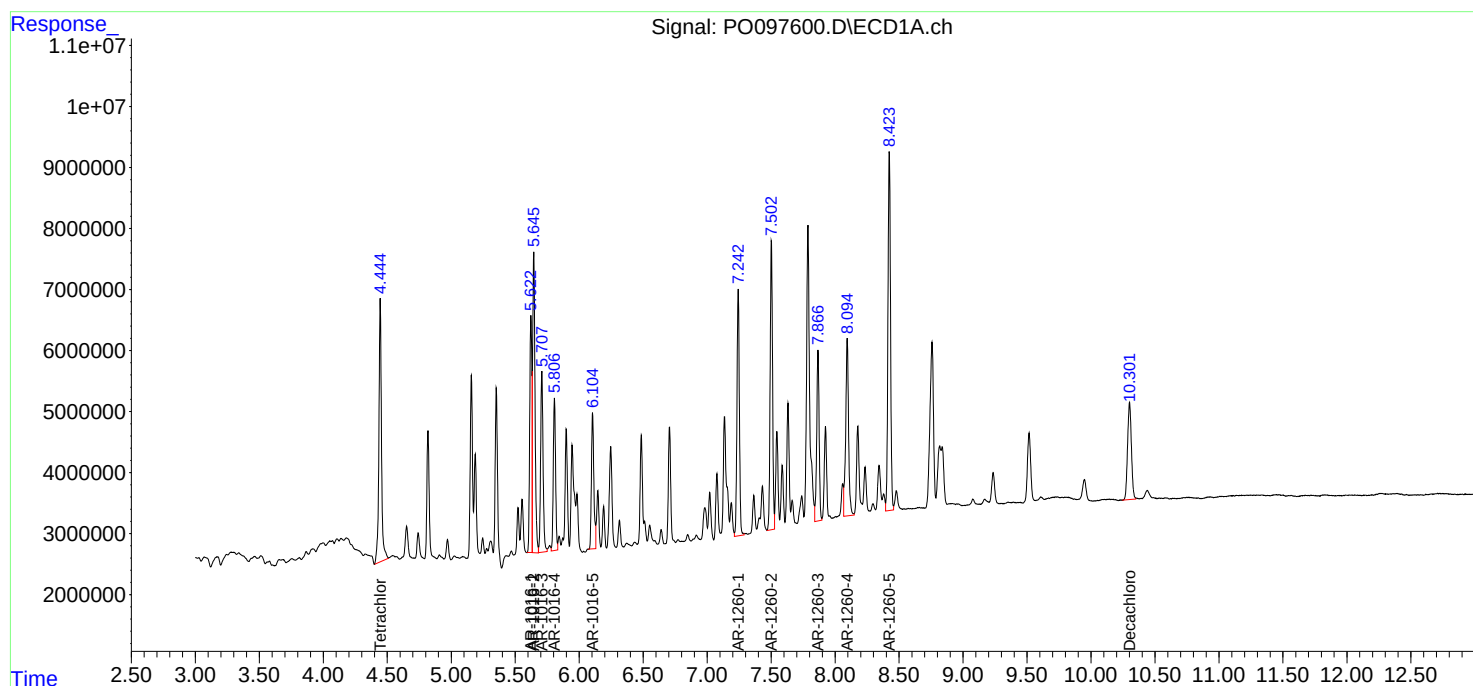
Instrument :  
ECD\_O  
ClientSampleId :  
SU-02-083023MSD

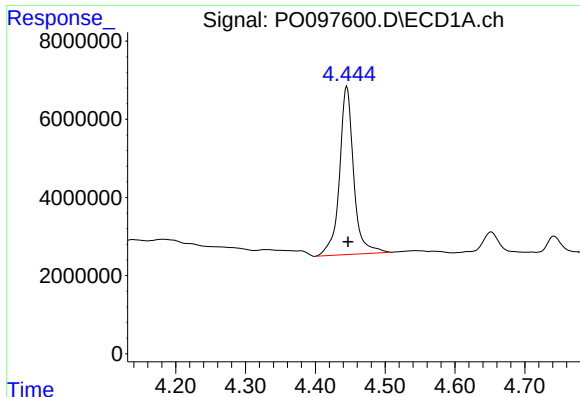
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Integration File signal 1: autoint1.e  
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Quant Time: Sep 01 01:46:22 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0082823.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Aug 29 10:29:21 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





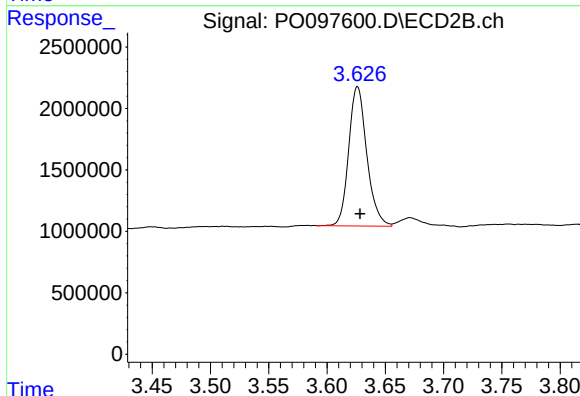
#1 Tetrachloro-m-xylene

R.T.: 4.445 min  
Delta R.T.: -0.002 min  
Response: 60801247  
Conc: 18.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-02-083023MSD

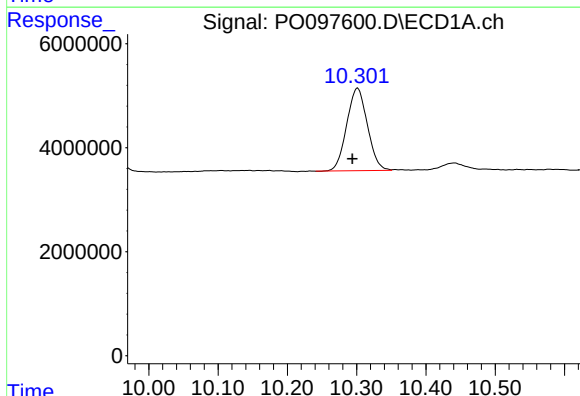
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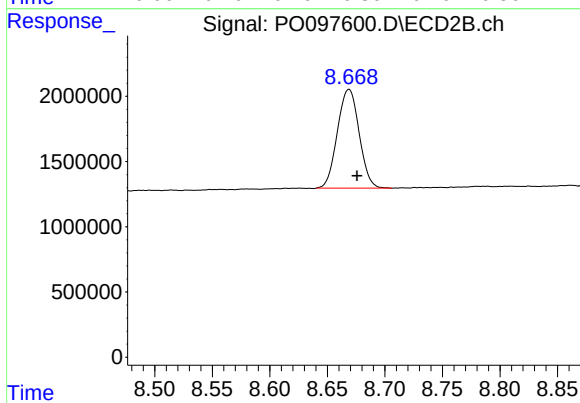
#1 Tetrachloro-m-xylene

R.T.: 3.626 min  
Delta R.T.: -0.002 min  
Response: 12265981  
Conc: 18.18 ng/ml



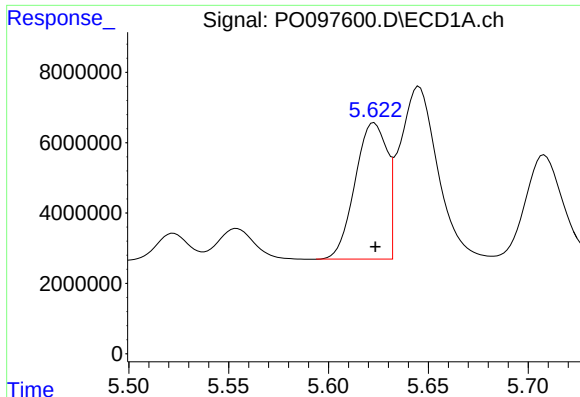
#2 Decachlorobiphenyl

R.T.: 10.301 min  
Delta R.T.: 0.008 min  
Response: 32936886  
Conc: 17.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.669 min  
Delta R.T.: -0.007 min  
Response: 10016937  
Conc: 17.45 ng/ml



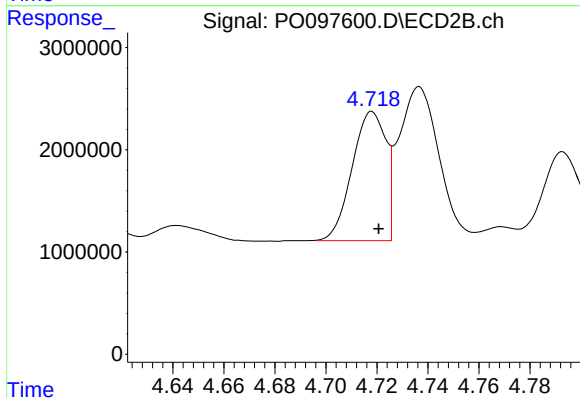
#3 AR-1016-1

R.T.: 5.622 min  
Delta R.T.: -0.001 min  
Response: 43525533  
Conc: 483.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-02-083023MSD

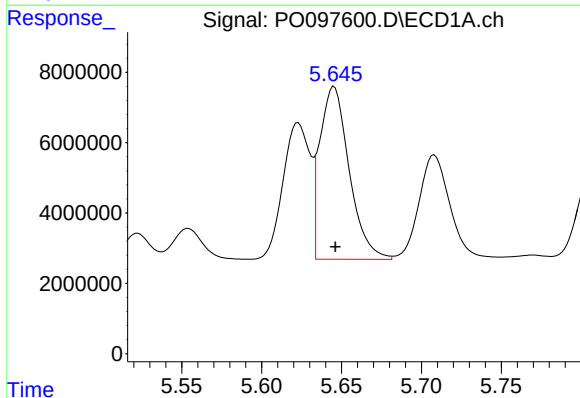
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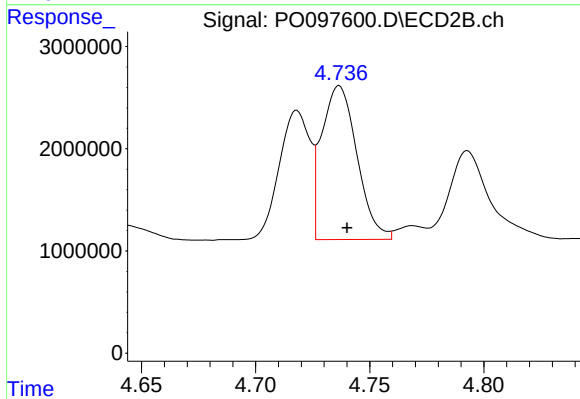
#3 AR-1016-1

R.T.: 4.718 min  
Delta R.T.: -0.003 min  
Response: 12090037  
Conc: 555.39 ng/ml m



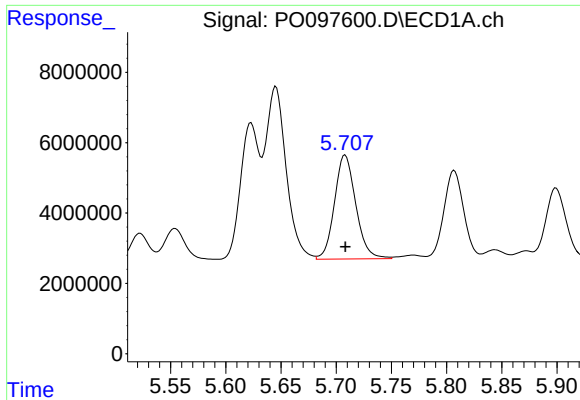
#4 AR-1016-2

R.T.: 5.645 min  
Delta R.T.: -0.001 min  
Response: 61485552  
Conc: 443.12 ng/ml m



#4 AR-1016-2

R.T.: 4.736 min  
Delta R.T.: -0.004 min  
Response: 15938928  
Conc: 528.22 ng/ml m



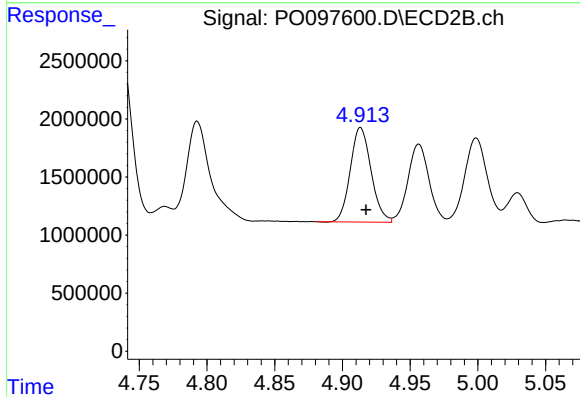
#5 AR-1016-3

R.T.: 5.707 min  
Delta R.T.: -0.001 min  
Response: 39694077  
Conc: 437.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-02-083023MSD

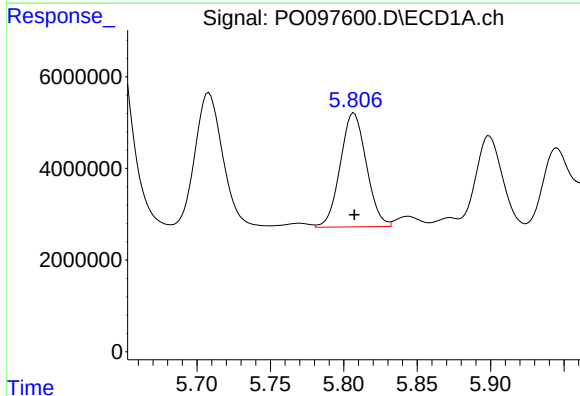
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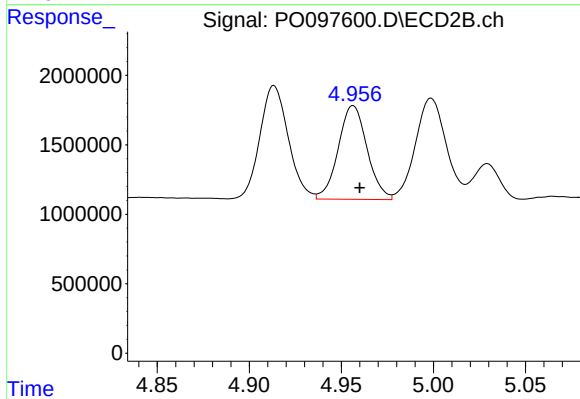
#5 AR-1016-3

R.T.: 4.913 min  
Delta R.T.: -0.004 min  
Response: 8715881  
Conc: 539.57 ng/ml



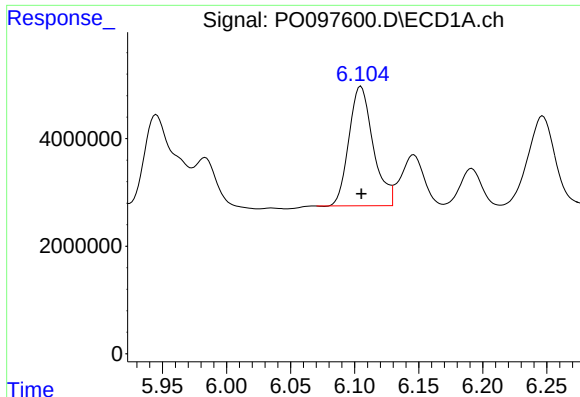
#6 AR-1016-4

R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 30782376  
Conc: 443.97 ng/ml m



#6 AR-1016-4

R.T.: 4.956 min  
Delta R.T.: -0.004 min  
Response: 7366641  
Conc: 513.38 ng/ml



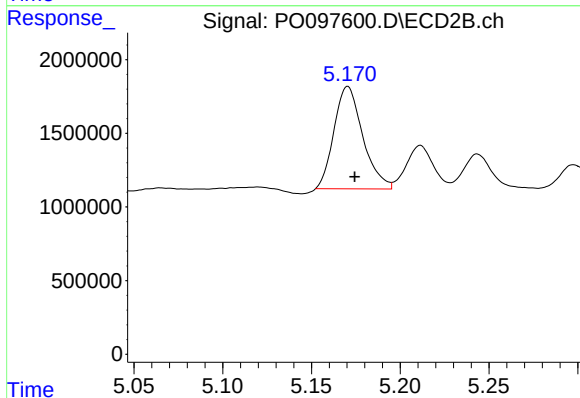
#7 AR-1016-5

R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 29295544  
Conc: 412.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-02-083023MSD

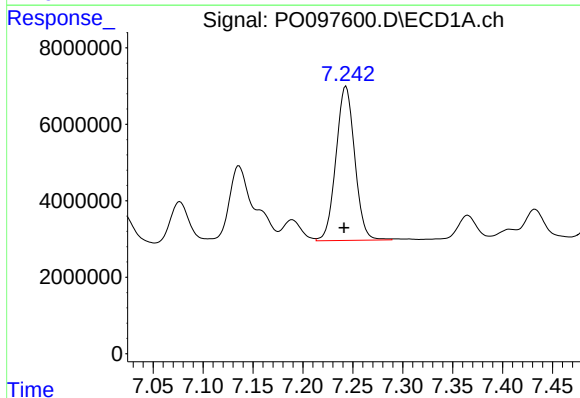
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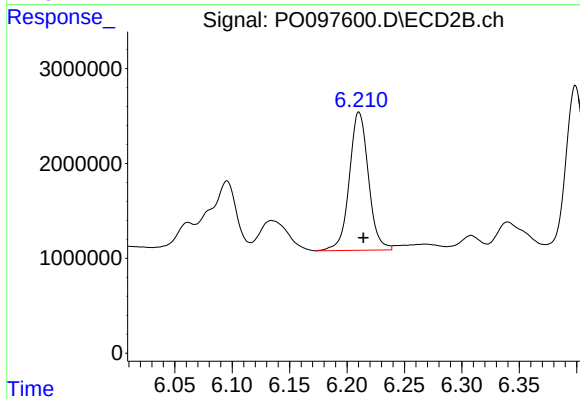
#7 AR-1016-5

R.T.: 5.170 min  
Delta R.T.: -0.004 min  
Response: 7868570  
Conc: 430.25 ng/ml m



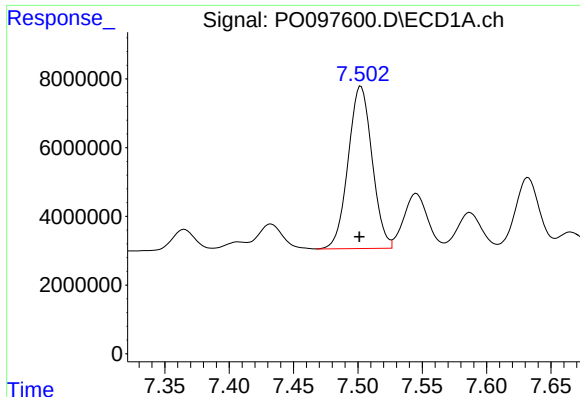
#31 AR-1260-1

R.T.: 7.243 min  
Delta R.T.: 0.002 min  
Response: 52694063  
Conc: 412.82 ng/ml



#31 AR-1260-1

R.T.: 6.210 min  
Delta R.T.: -0.004 min  
Response: 16913842  
Conc: 452.86 ng/ml



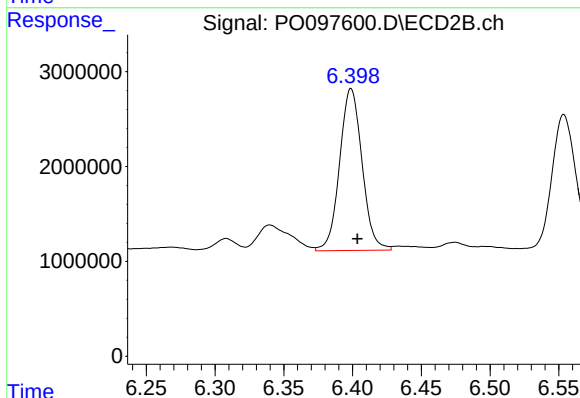
#32 AR-1260-2

R.T.: 7.502 min  
Delta R.T.: 0.001 min  
Response: 61254314  
Conc: 449.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-02-083023MSD

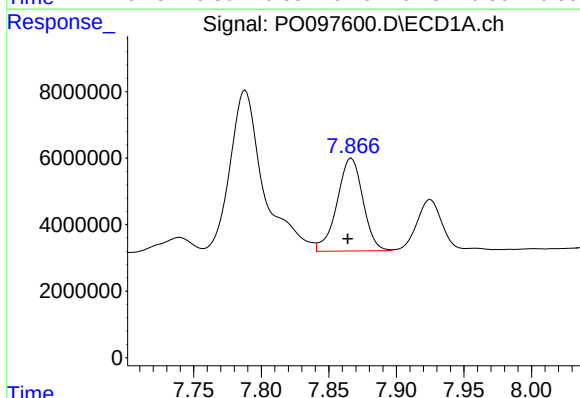
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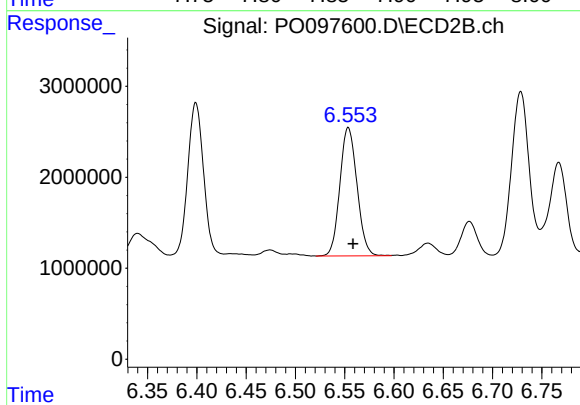
#32 AR-1260-2

R.T.: 6.399 min  
Delta R.T.: -0.005 min  
Response: 19395481  
Conc: 458.37 ng/ml



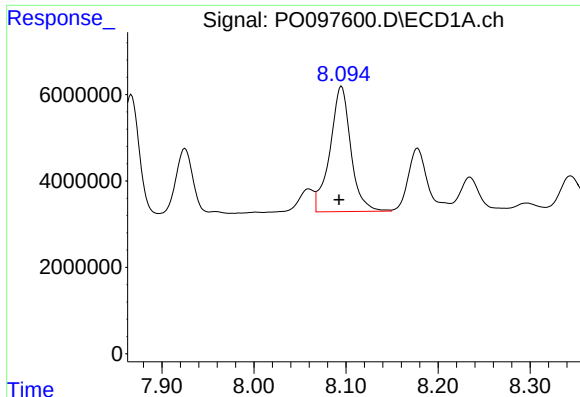
#33 AR-1260-3

R.T.: 7.867 min  
Delta R.T.: 0.003 min  
Response: 37237255  
Conc: 352.30 ng/ml



#33 AR-1260-3

R.T.: 6.554 min  
Delta R.T.: -0.005 min  
Response: 17069703  
Conc: 407.80 ng/ml



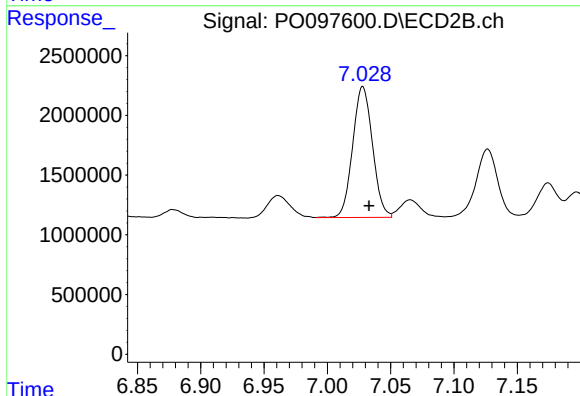
#34 AR-1260-4

R.T.: 8.095 min  
Delta R.T.: 0.003 min  
Response: 45668351  
Conc: 403.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SU-02-083023MSD

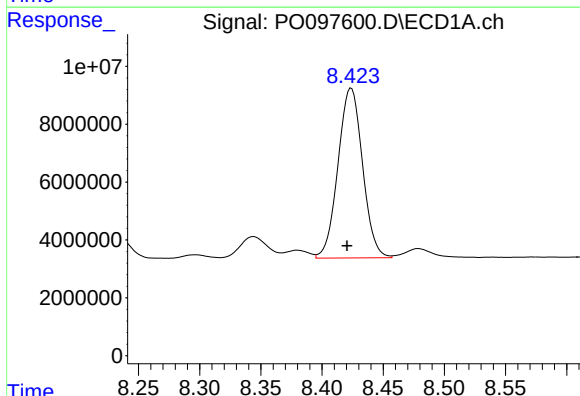
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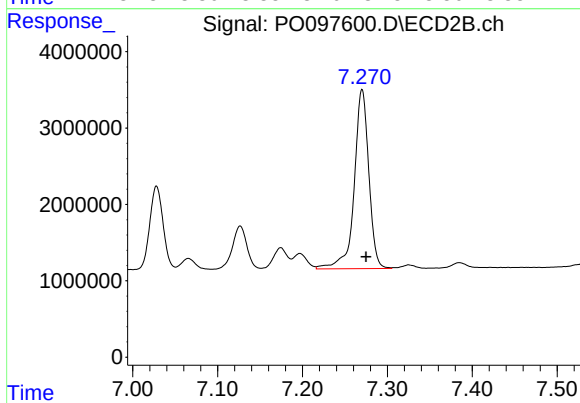
#34 AR-1260-4

R.T.: 7.028 min  
Delta R.T.: -0.005 min  
Response: 11943741  
Conc: 369.28 ng/ml



#35 AR-1260-5

R.T.: 8.424 min  
Delta R.T.: 0.003 min  
Response: 81922132  
Conc: 435.81 ng/ml



#35 AR-1260-5

R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 28038294  
Conc: 424.64 ng/ml