

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0022425\  
 Data File : P0109470.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2025 14:44  
 Operator : YP/AJ  
 Sample : Q1411-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 HR-02-02212025MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/25/2025  
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 00:37:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Feb 21 04:40:23 2025  
 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...          | 3.695 | 3.693 | 159.0E6  | 97555166 | 16.800m | 18.638    |
| 2) SA Decachlor...          | 8.754 | 8.704 | 138.5E6  | 60296981 | 16.100  | 18.936    |
| Target Compounds            |       |       |          |          |         |           |
| 3) L1 AR-1016-1             | 4.790 | 4.776 | 106.4E6  | 62855072 | 345.167 | 402.477   |
| 4) L1 AR-1016-2             | 4.810 | 4.796 | 147.3E6  | 88315956 | 349.853 | 408.051   |
| 5) L1 AR-1016-3             | 4.866 | 4.971 | 100.0E6  | 46423713 | 338.121 | 388.642   |
| 6) L1 AR-1016-4             | 4.986 | 5.013 | 77484227 | 39713365 | 334.301 | 381.600   |
| 7) L1 AR-1016-5             | 5.244 | 5.226 | 83859530 | 51462979 | 324.747 | 377.700   |
| 31) L7 AR-1260-1            | 6.286 | 6.259 | 148.7E6  | 91293344 | 318.929 | 385.335   |
| 32) L7 AR-1260-2            | 6.475 | 6.447 | 173.0E6  | 104.5E6  | 306.141 | 379.836   |
| 33) L7 AR-1260-3            | 6.843 | 6.599 | 122.2E6  | 95425243 | 256.959 | 374.114m# |
| 34) L7 AR-1260-4            | 7.104 | 7.072 | 113.6E6  | 66228227 | 263.206 | 321.196   |
| 35) L7 AR-1260-5            | 7.345 | 7.311 | 271.7E6  | 153.2E6  | 273.337 | 342.168 # |
| -----                       |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO022425\  
Data File : PO109470.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Feb 2025 14:44  
Operator : YP/AJ  
Sample : Q1411-01MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

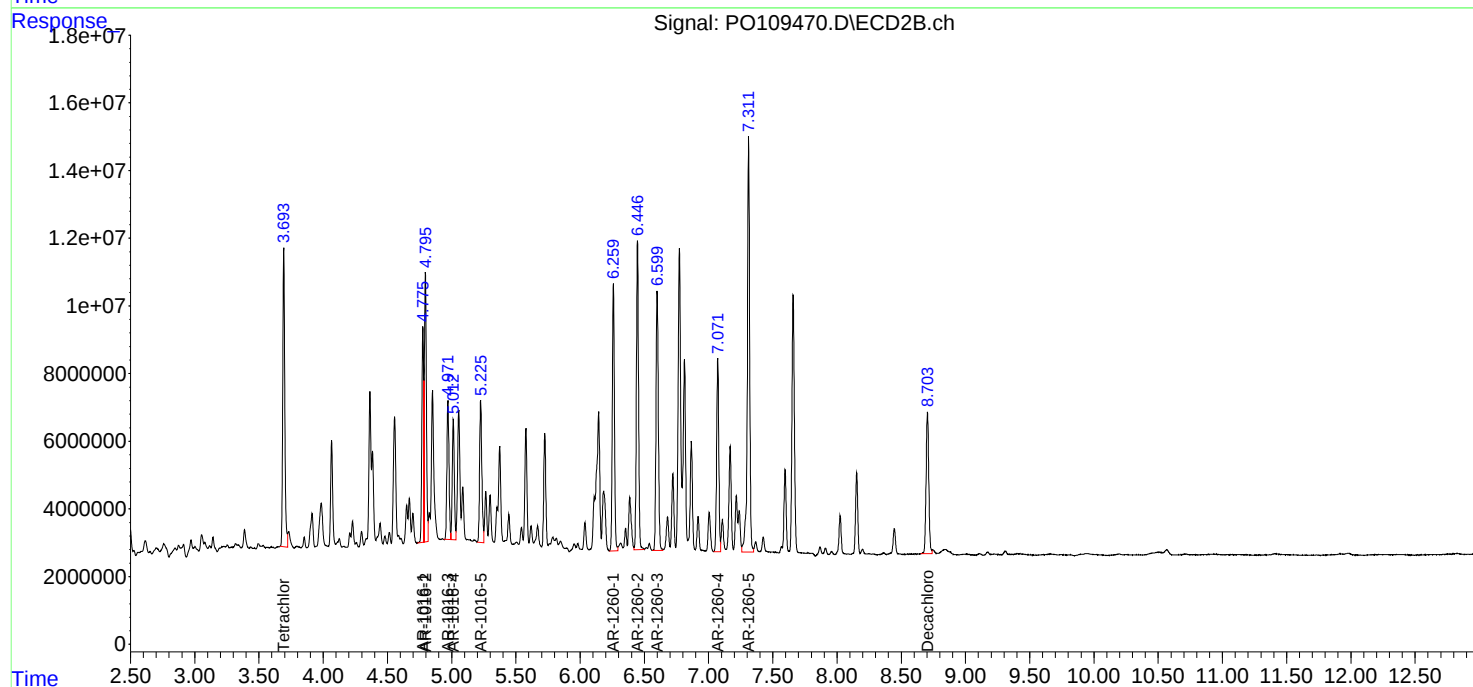
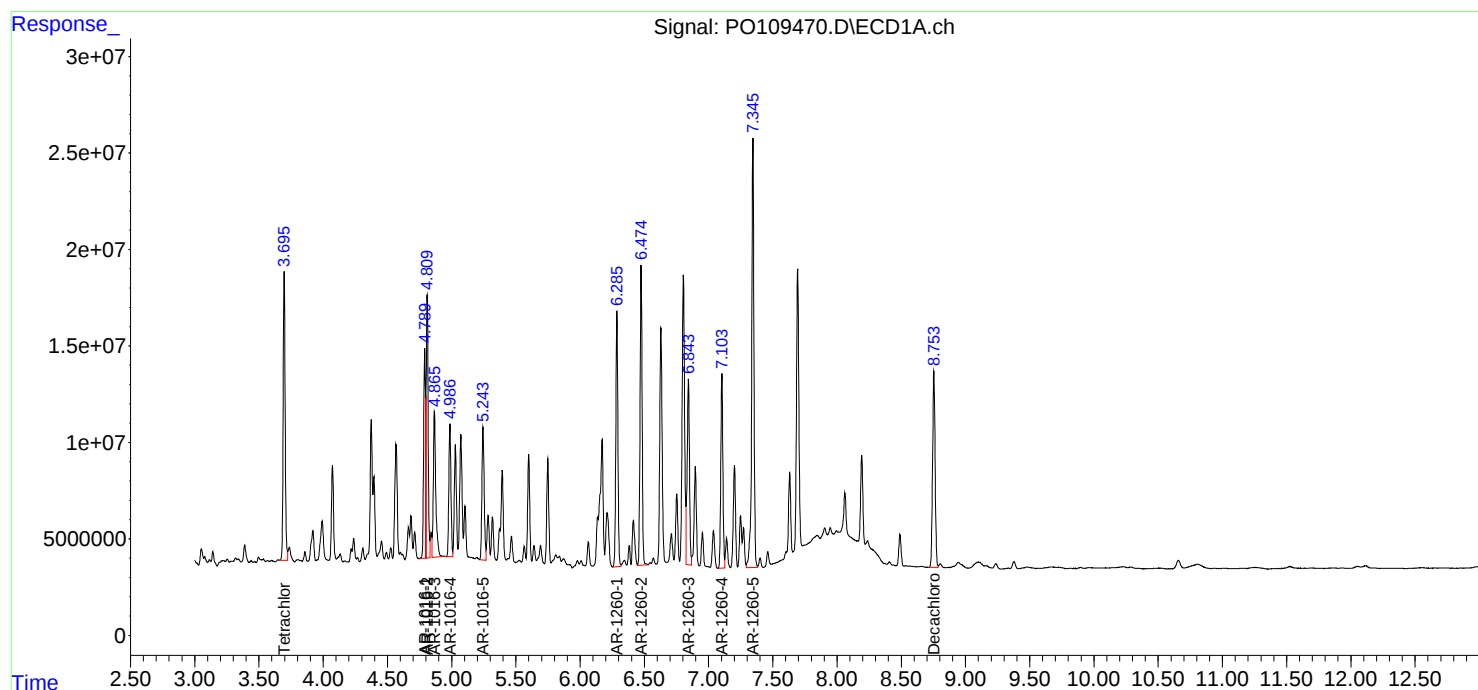
Instrument :  
ECD\_O  
ClientSampleId :  
HR-02-02212025MSD

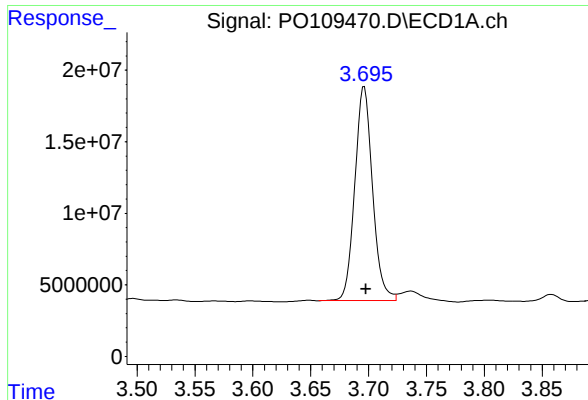
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 25 00:37:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO022025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Feb 21 04:40:23 2025  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





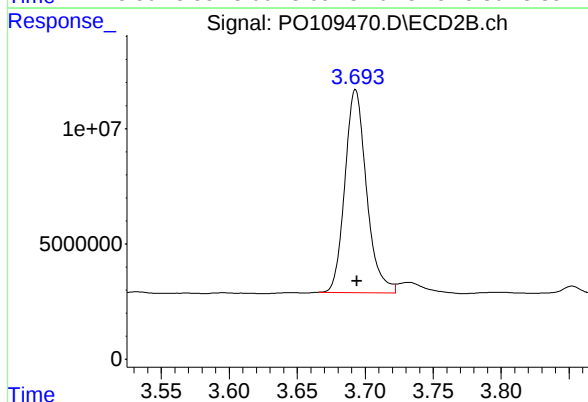
#1 Tetrachloro-m-xylene

R.T.: 3.695 min  
Delta R.T.: -0.003 min  
Response: 159015152  
Conc: 16.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HR-02-02212025MSD

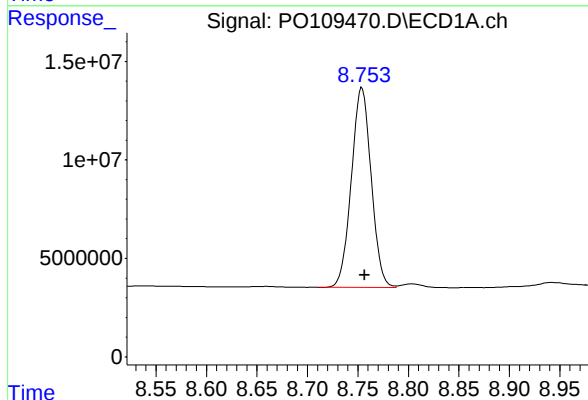
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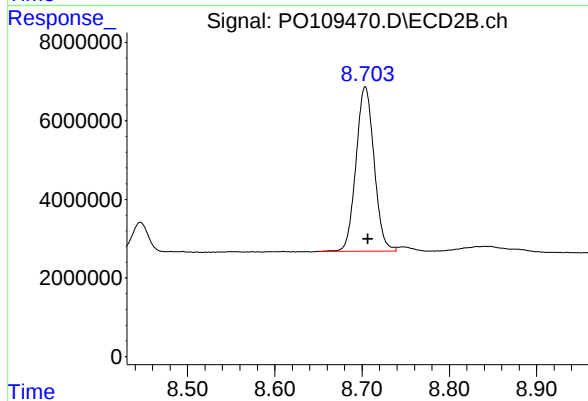
#1 Tetrachloro-m-xylene

R.T.: 3.693 min  
Delta R.T.: 0.000 min  
Response: 97555166  
Conc: 18.64 ng/ml



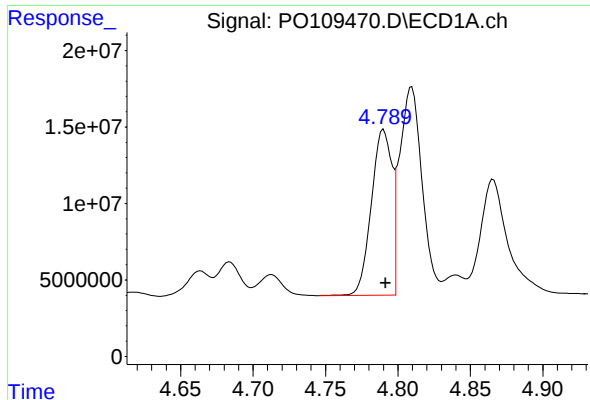
#2 Decachlorobiphenyl

R.T.: 8.754 min  
Delta R.T.: -0.003 min  
Response: 138487591  
Conc: 16.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.704 min  
Delta R.T.: -0.003 min  
Response: 60296981  
Conc: 18.94 ng/ml



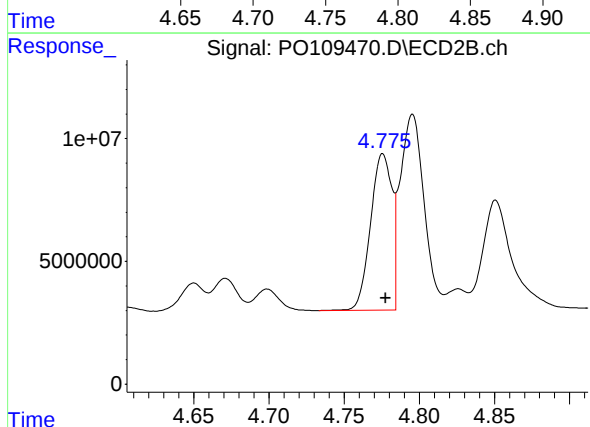
#3 AR-1016-1

R.T.: 4.790 min  
Delta R.T.: -0.001 min  
Response: 106411676  
Conc: 345.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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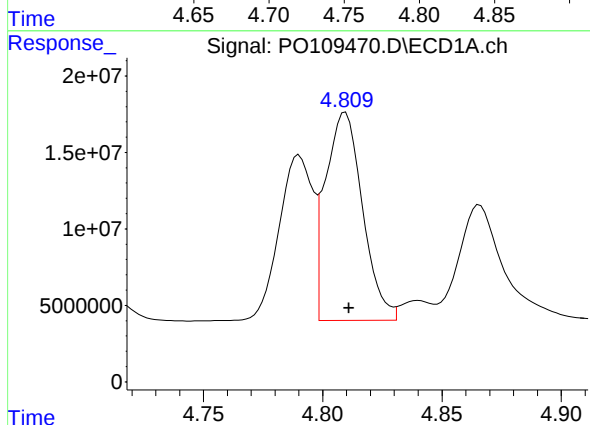
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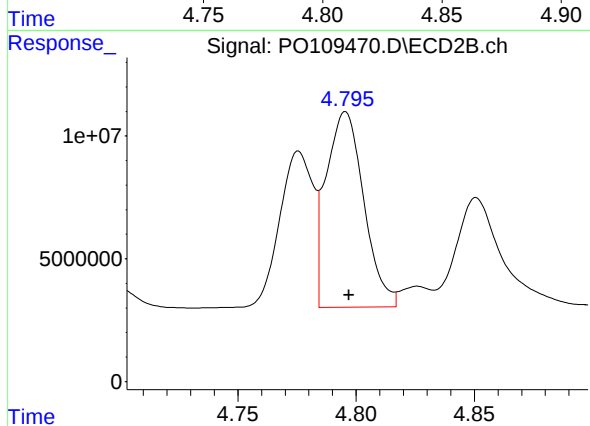
#3 AR-1016-1

R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 62855072  
Conc: 402.48 ng/ml



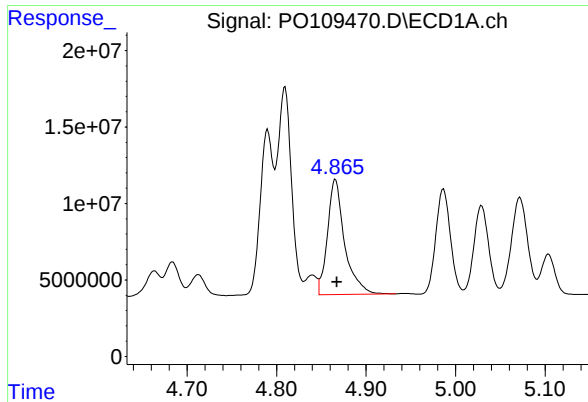
#4 AR-1016-2

R.T.: 4.810 min  
Delta R.T.: -0.001 min  
Response: 147297341  
Conc: 349.85 ng/ml



#4 AR-1016-2

R.T.: 4.796 min  
Delta R.T.: -0.001 min  
Response: 88315956  
Conc: 408.05 ng/ml



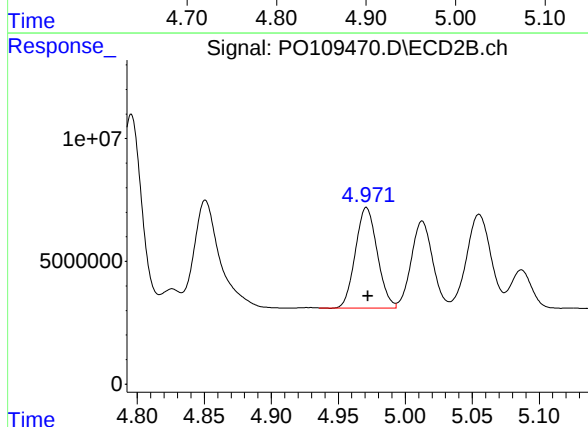
#5 AR-1016-3

R.T.: 4.866 min  
Delta R.T.: -0.002 min  
Response: 100021998  
Conc: 338.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HR-02-02212025MSD

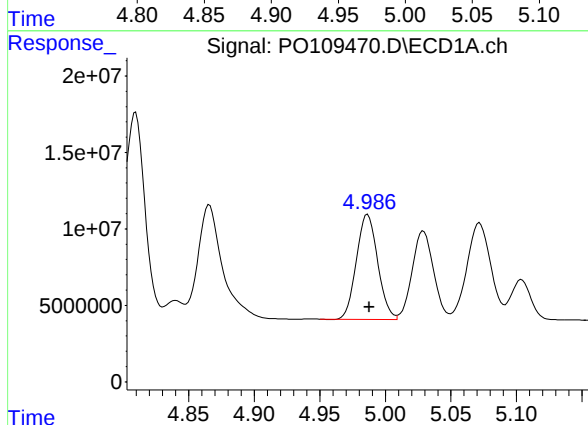
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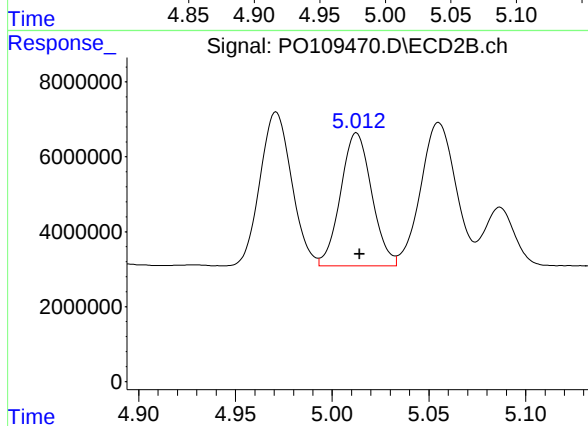
#5 AR-1016-3

R.T.: 4.971 min  
Delta R.T.: -0.001 min  
Response: 46423713  
Conc: 388.64 ng/ml



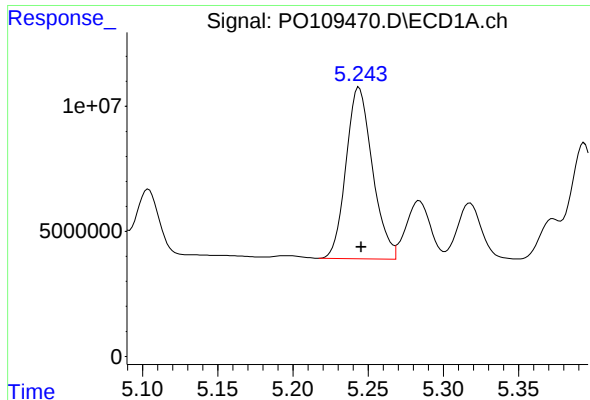
#6 AR-1016-4

R.T.: 4.986 min  
Delta R.T.: -0.001 min  
Response: 77484227  
Conc: 334.30 ng/ml



#6 AR-1016-4

R.T.: 5.013 min  
Delta R.T.: -0.002 min  
Response: 39713365  
Conc: 381.60 ng/ml



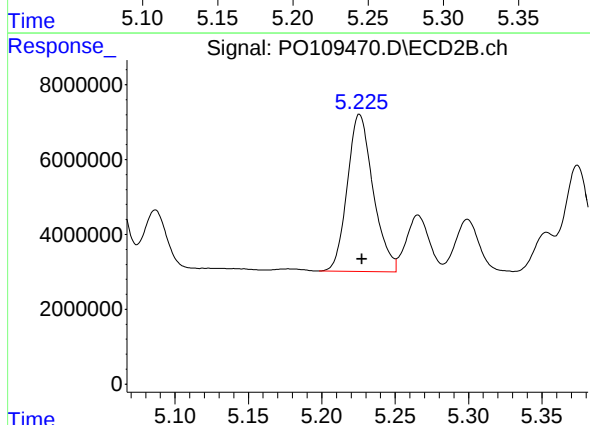
#7 AR-1016-5

R.T.: 5.244 min  
Delta R.T.: -0.001 min  
Response: 83859530  
Conc: 324.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HR-02-02212025MSD

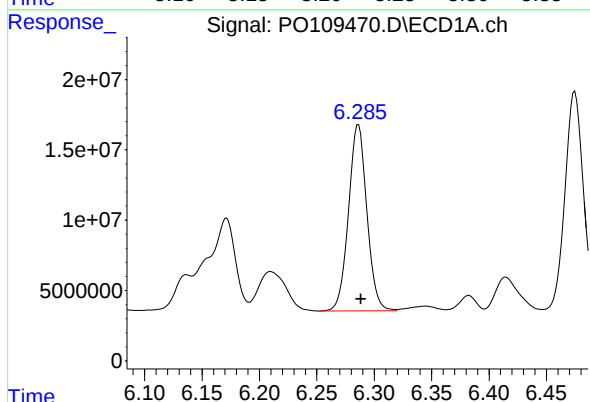
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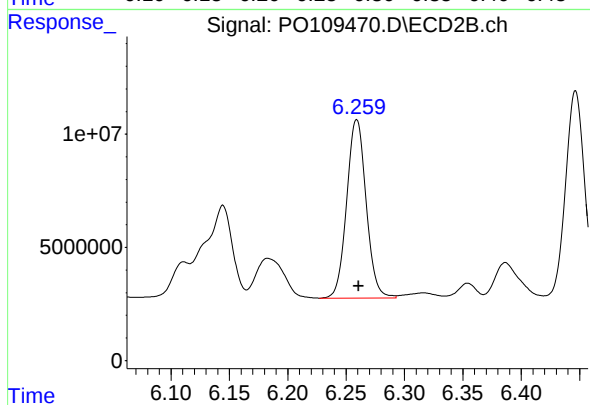
#7 AR-1016-5

R.T.: 5.226 min  
Delta R.T.: -0.002 min  
Response: 51462979  
Conc: 377.70 ng/ml



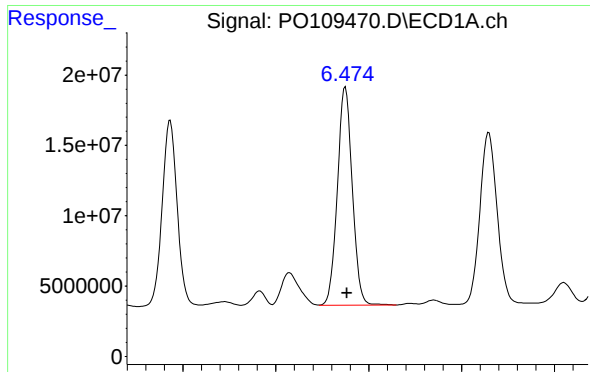
#31 AR-1260-1

R.T.: 6.286 min  
Delta R.T.: -0.002 min  
Response: 148662619  
Conc: 318.93 ng/ml



#31 AR-1260-1

R.T.: 6.259 min  
Delta R.T.: -0.002 min  
Response: 91293344  
Conc: 385.33 ng/ml



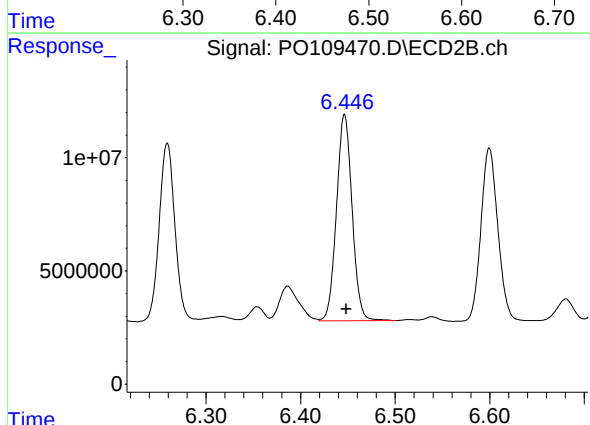
#32 AR-1260-2

R.T.: 6.475 min  
Delta R.T.: -0.002 min  
Response: 173005688  
Conc: 306.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HR-02-02212025MSD

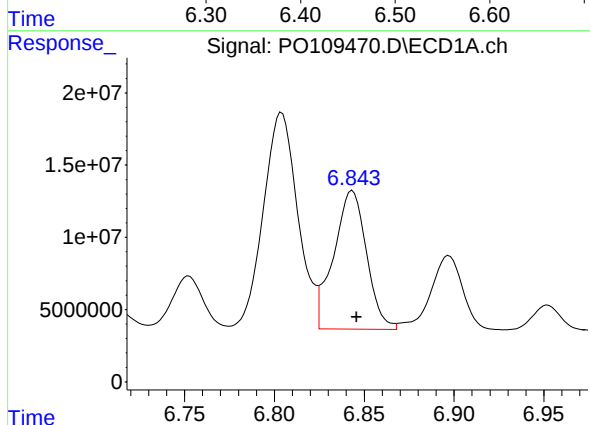
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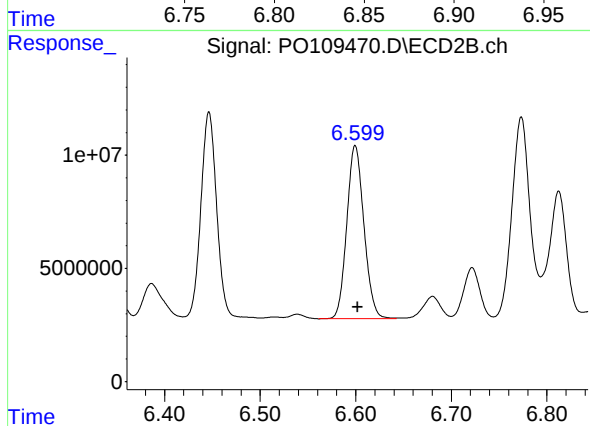
#32 AR-1260-2

R.T.: 6.447 min  
Delta R.T.: -0.002 min  
Response: 104519951  
Conc: 379.84 ng/ml



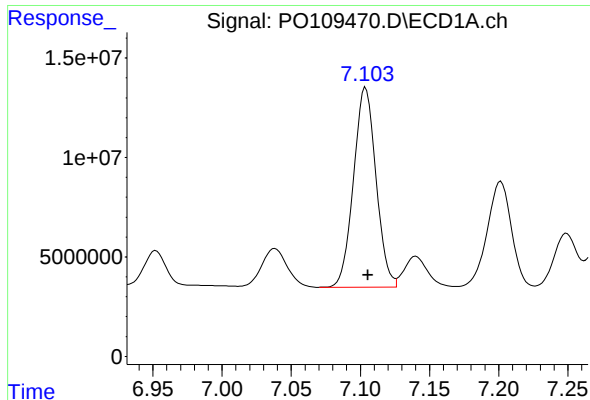
#33 AR-1260-3

R.T.: 6.843 min  
Delta R.T.: -0.002 min  
Response: 122225414  
Conc: 256.96 ng/ml



#33 AR-1260-3

R.T.: 6.599 min  
Delta R.T.: -0.003 min  
Response: 95425243  
Conc: 374.11 ng/ml m



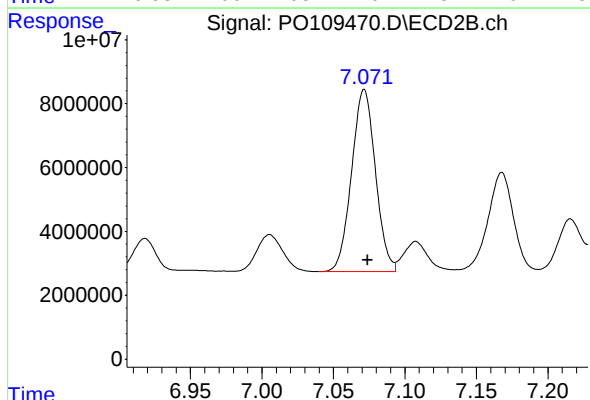
#34 AR-1260-4

R.T.: 7.104 min  
Delta R.T.: -0.002 min  
Response: 113600195  
Conc: 263.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HR-02-02212025MSD

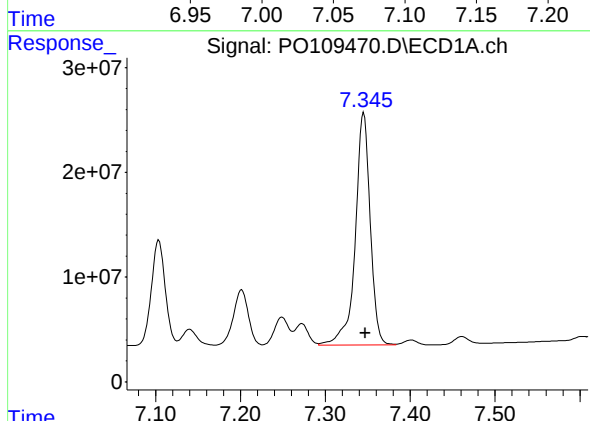
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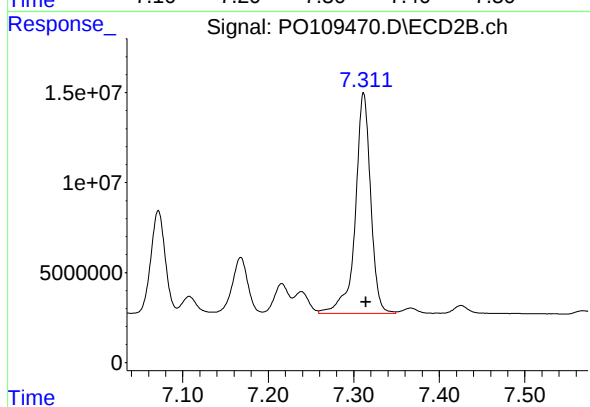
#34 AR-1260-4

R.T.: 7.072 min  
Delta R.T.: -0.002 min  
Response: 66228227  
Conc: 321.20 ng/ml



#35 AR-1260-5

R.T.: 7.345 min  
Delta R.T.: -0.002 min  
Response: 271665045  
Conc: 273.34 ng/ml



#35 AR-1260-5

R.T.: 7.311 min  
Delta R.T.: -0.003 min  
Response: 153217095  
Conc: 342.17 ng/ml