

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102124\  
 Data File : PQ069186.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2024 12:50  
 Operator : YP\AJ  
 Sample : AR1660ICC750  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1660ICC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024  
 Supervised By :Ankita Jodhani 10/23/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 13:43:43 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ102124.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Oct 21 13:28:14 2024  
 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...          | 3.328 | 2.739 | 694.1E6 | 705.4E6 | 75.760  | 75.917   |
| 2) SA Decachlor...          | 8.453 | 7.476 | 469.3E6 | 613.5E6 | 72.320  | 73.435   |
| Target Compounds            |       |       |         |         |         |          |
| 3) L1 AR-1016-1             | 4.416 | 3.731 | 216.6E6 | 214.8E6 | 831.143 | 749.446  |
| 4) L1 AR-1016-2             | 4.434 | 3.746 | 325.8E6 | 316.9E6 | 761.284 | 748.294  |
| 5) L1 AR-1016-3             | 4.491 | 3.905 | 193.4E6 | 167.6E6 | 765.693 | 739.291  |
| 6) L1 AR-1016-4             | 4.582 | 3.954 | 166.2E6 | 132.2E6 | 748.873 | 738.972  |
| 7) L1 AR-1016-5             | 4.866 | 4.147 | 156.7E6 | 173.5E6 | 751.177 | 738.803  |
| 31) L7 AR-1260-1            | 5.961 | 5.135 | 297.0E6 | 318.8E6 | 732.919 | 732.249  |
| 32) L7 AR-1260-2            | 6.221 | 5.325 | 363.0E6 | 385.1E6 | 734.952 | 744.496  |
| 33) L7 AR-1260-3            | 6.573 | 5.464 | 273.0E6 | 373.6E6 | 729.041 | 747.419  |
| 34) L7 AR-1260-4            | 6.790 | 5.924 | 310.3E6 | 328.0E6 | 721.044 | 739.756m |
| 35) L7 AR-1260-5            | 7.100 | 6.170 | 637.5E6 | 763.4E6 | 738.615 | 741.627  |
| -----                       |       |       |         |         |         |          |

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2024 12:50  
Operator : YP\AJ  
Sample : AR1660ICC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

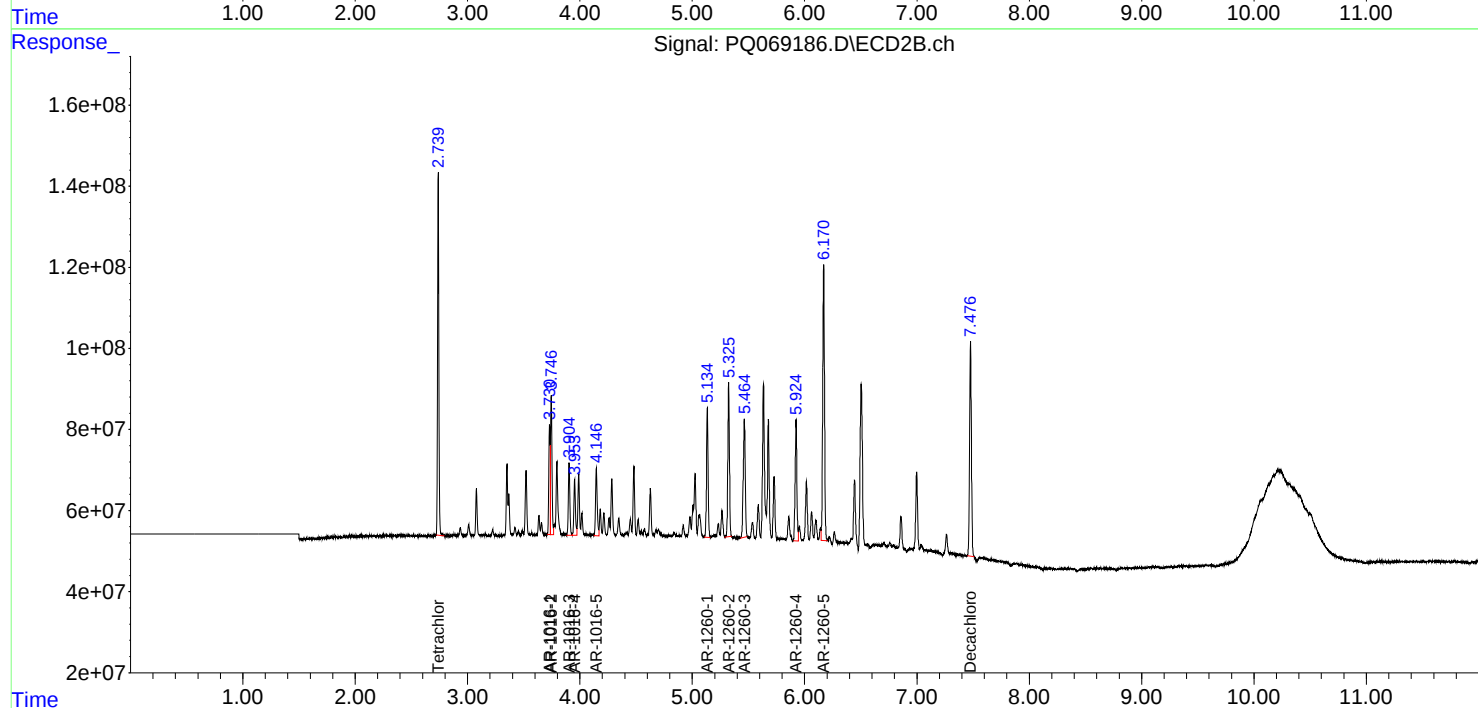
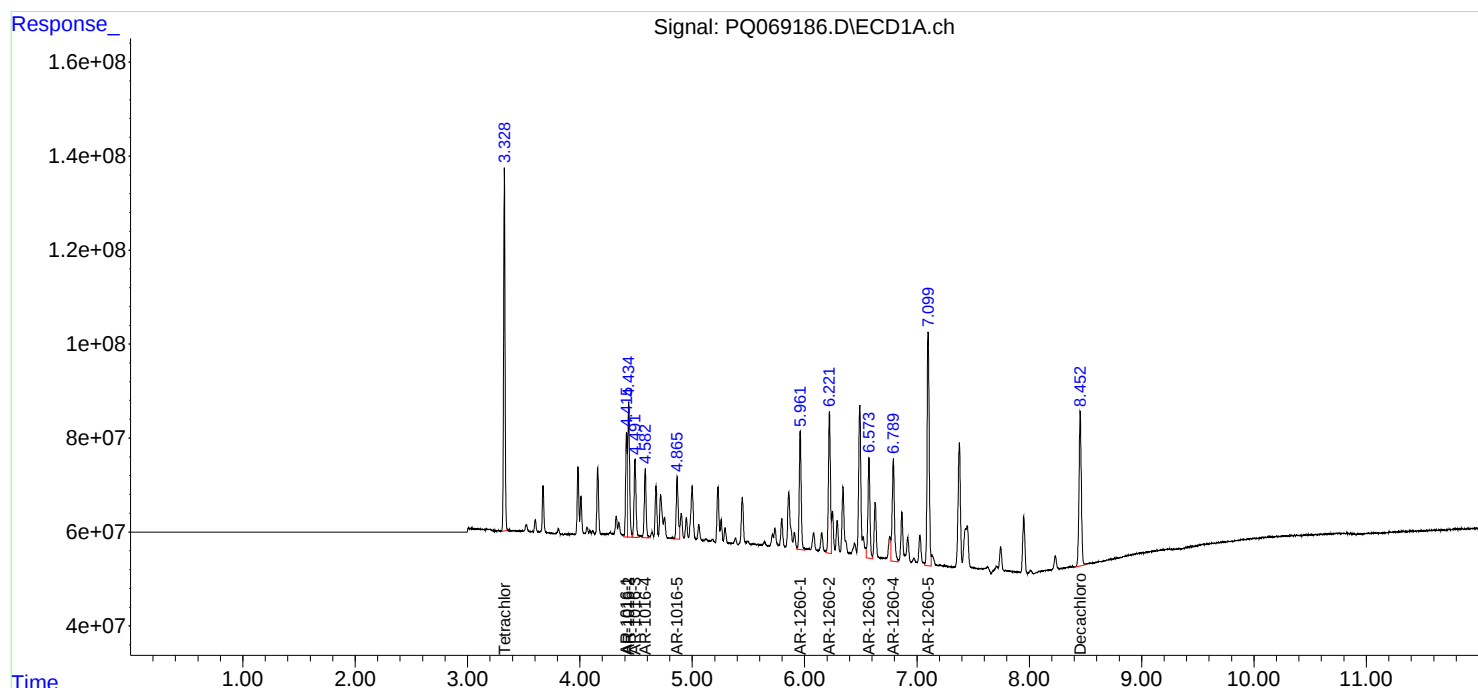
Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750

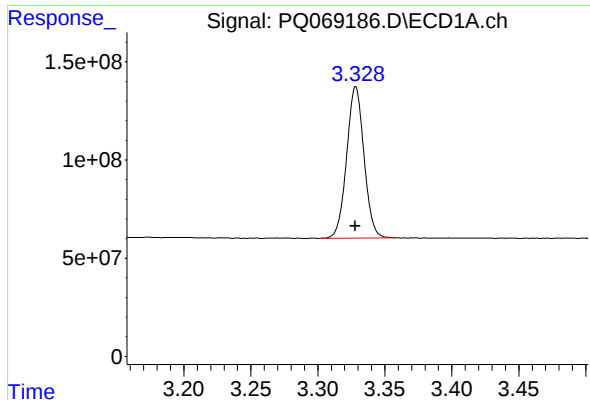
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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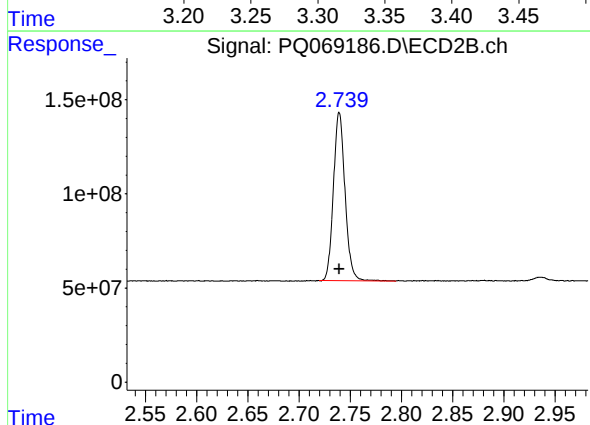
#1 Tetrachloro-m-xylene

R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 694102574  
Conc: 75.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750

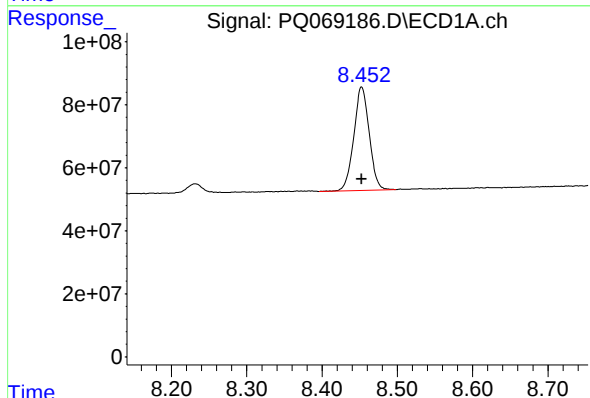
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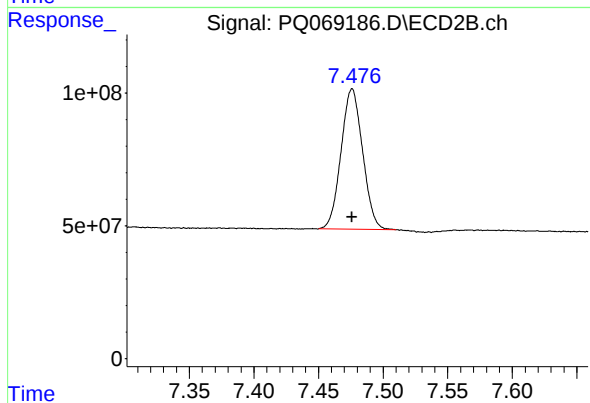
#1 Tetrachloro-m-xylene

R.T.: 2.739 min  
Delta R.T.: 0.000 min  
Response: 705430717  
Conc: 75.92 ng/ml



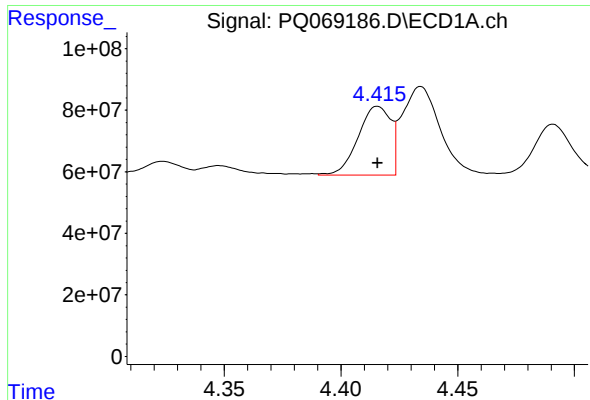
#2 Decachlorobiphenyl

R.T.: 8.453 min  
Delta R.T.: 0.000 min  
Response: 469294040  
Conc: 72.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.476 min  
Delta R.T.: 0.000 min  
Response: 613461809  
Conc: 73.43 ng/ml



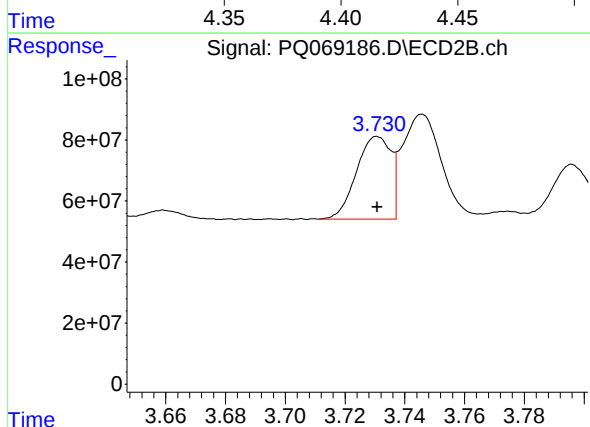
#3 AR-1016-1

R.T.: 4.416 min  
Delta R.T.: 0.000 min  
Response: 216592535  
Conc: 831.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750

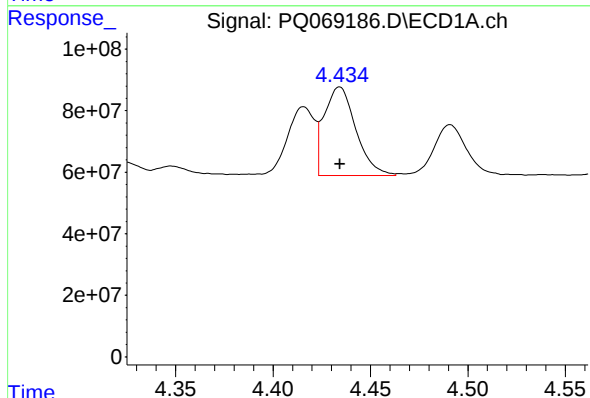
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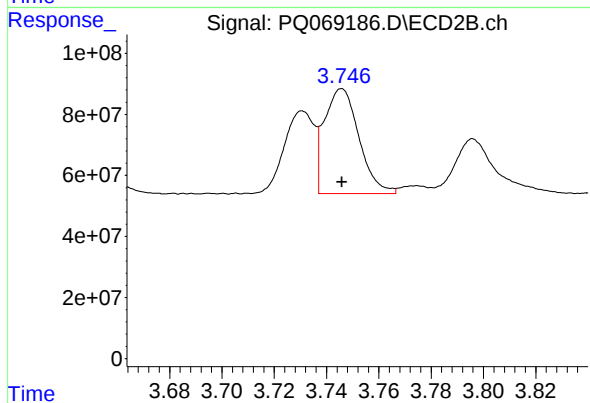
#3 AR-1016-1

R.T.: 3.731 min  
Delta R.T.: 0.000 min  
Response: 214849892  
Conc: 749.45 ng/ml



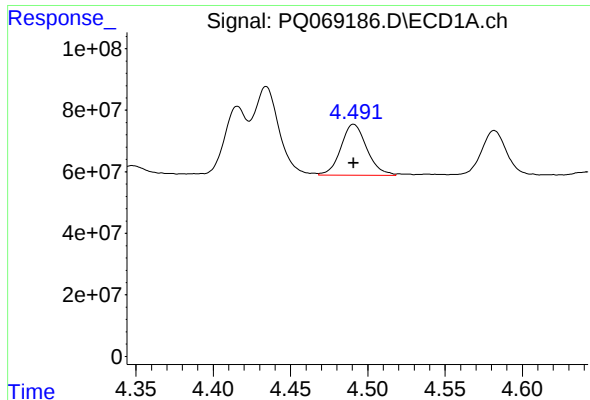
#4 AR-1016-2

R.T.: 4.434 min  
Delta R.T.: 0.000 min  
Response: 325791091  
Conc: 761.28 ng/ml



#4 AR-1016-2

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 316896464  
Conc: 748.29 ng/ml



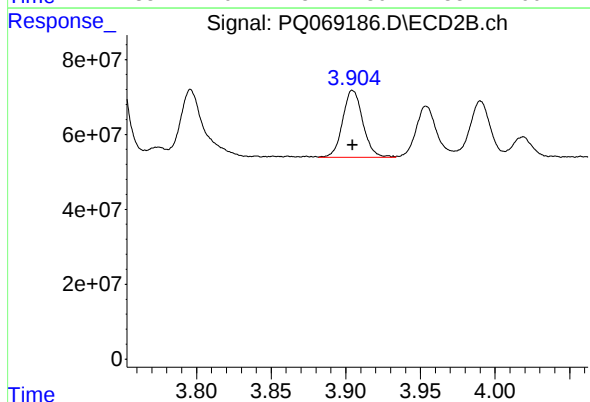
#5 AR-1016-3

R.T.: 4.491 min  
Delta R.T.: 0.000 min  
Response: 193446768  
Conc: 765.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750

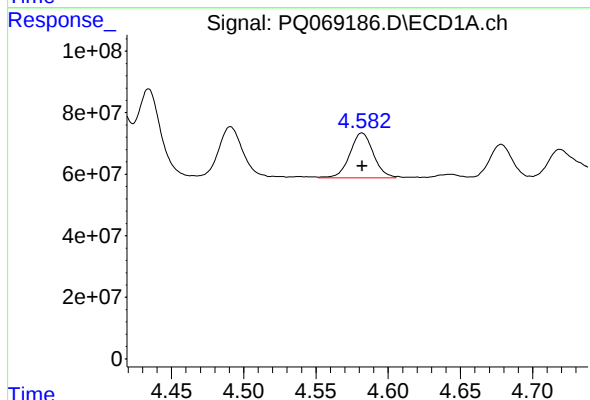
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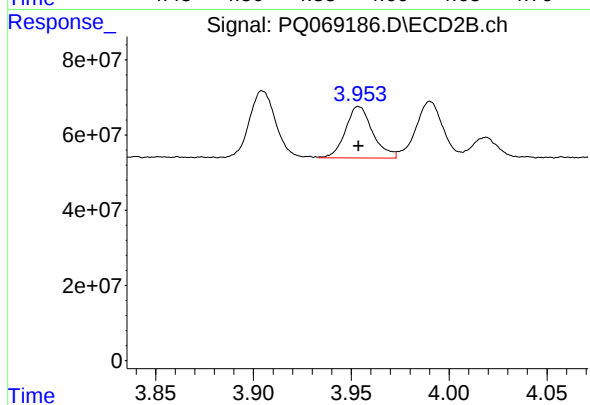
#5 AR-1016-3

R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 167630689  
Conc: 739.29 ng/ml



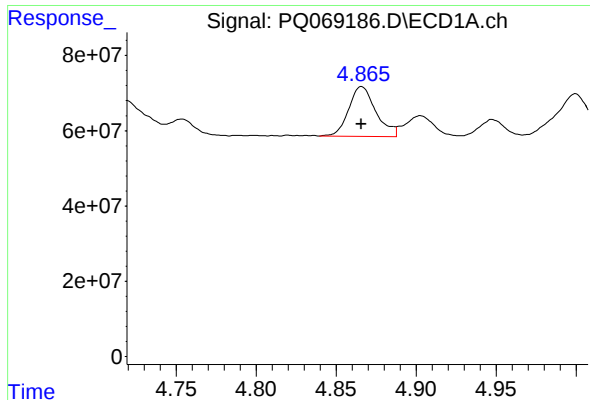
#6 AR-1016-4

R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 166217694  
Conc: 748.87 ng/ml



#6 AR-1016-4

R.T.: 3.954 min  
Delta R.T.: 0.000 min  
Response: 132178438  
Conc: 738.97 ng/ml



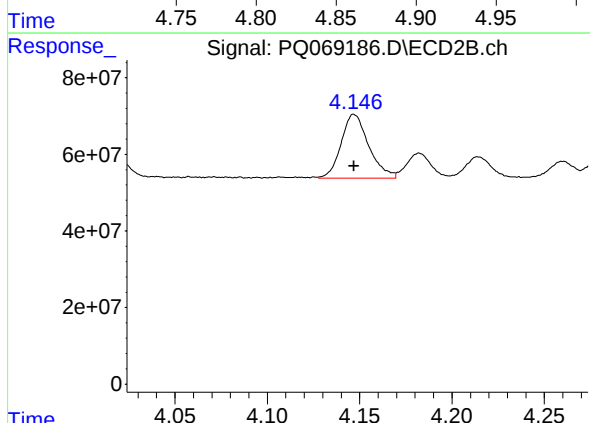
#7 AR-1016-5

R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 156687708  
Conc: 751.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750

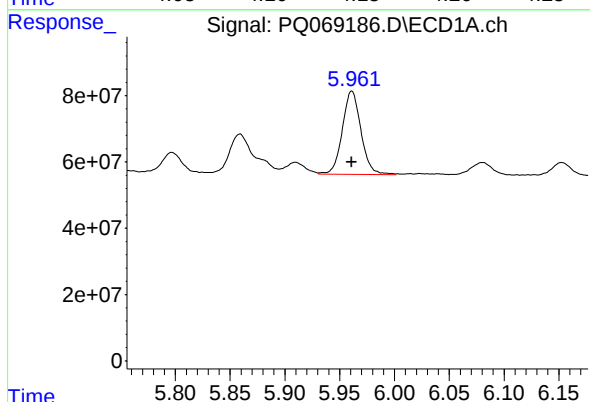
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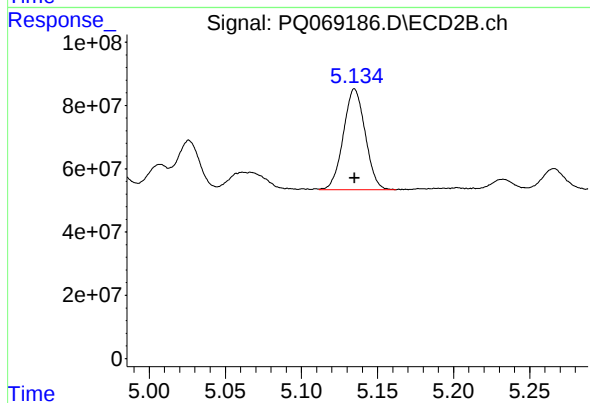
#7 AR-1016-5

R.T.: 4.147 min  
Delta R.T.: 0.000 min  
Response: 173542422  
Conc: 738.80 ng/ml



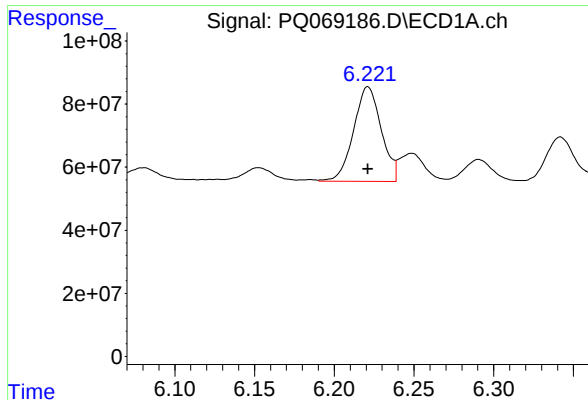
#31 AR-1260-1

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 297036316  
Conc: 732.92 ng/ml



#31 AR-1260-1

R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 318840850  
Conc: 732.25 ng/ml



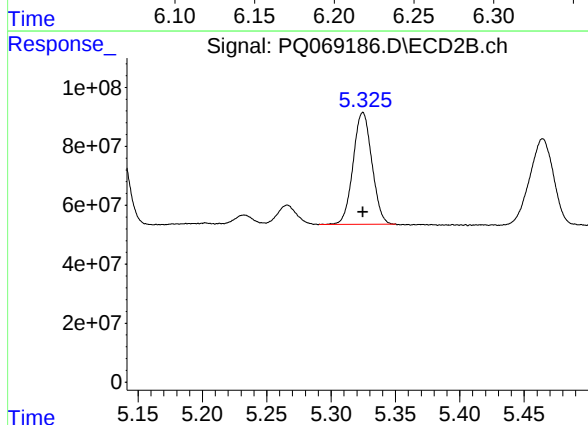
#32 AR-1260-2

R.T.: 6.221 min  
Delta R.T.: 0.000 min  
Response: 362959936  
Conc: 734.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1660ICC750

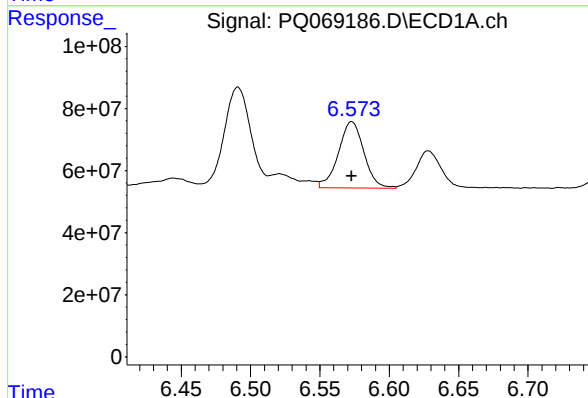
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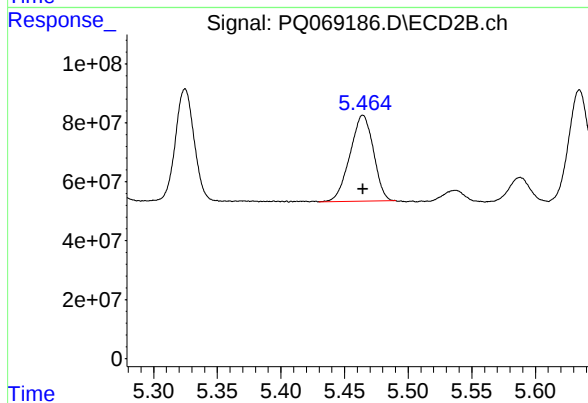
#32 AR-1260-2

R.T.: 5.325 min  
Delta R.T.: 0.000 min  
Response: 385074651  
Conc: 744.50 ng/ml



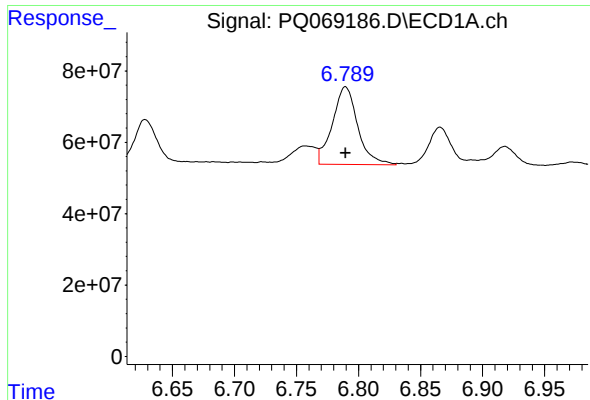
#33 AR-1260-3

R.T.: 6.573 min  
Delta R.T.: 0.000 min  
Response: 273021361  
Conc: 729.04 ng/ml



#33 AR-1260-3

R.T.: 5.464 min  
Delta R.T.: 0.000 min  
Response: 373554630  
Conc: 747.42 ng/ml



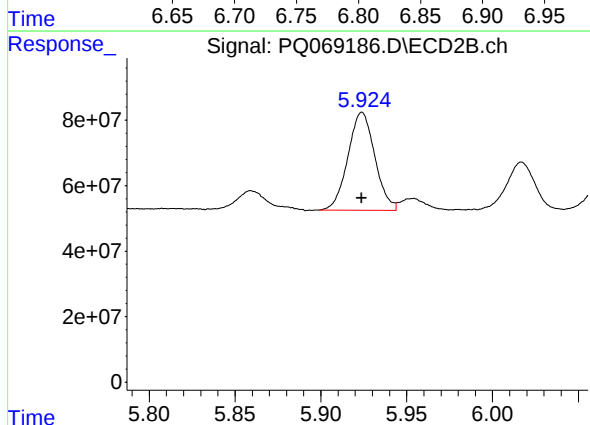
#34 AR-1260-4

R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 310323585  
Conc: 721.04 ng/ml

Instrument :  
ECD\_Q  
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AR1660ICC750

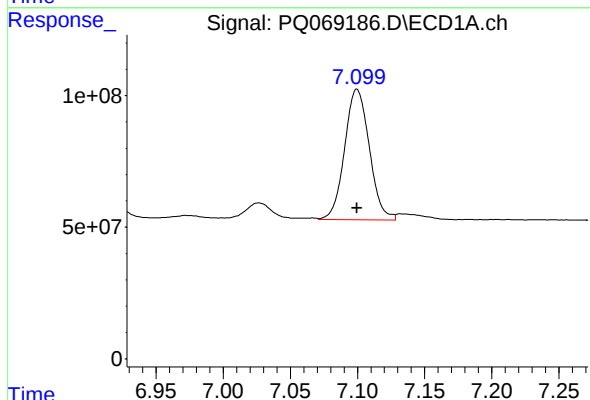
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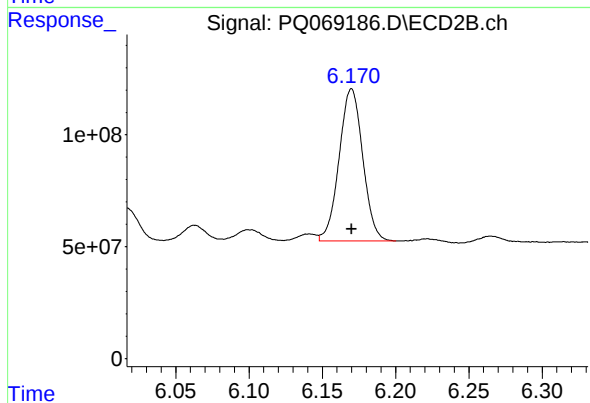
#34 AR-1260-4

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 328034434  
Conc: 739.76 ng/ml



#35 AR-1260-5

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 637494215  
Conc: 738.62 ng/ml



#35 AR-1260-5

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 763363696  
Conc: 741.63 ng/ml