

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091622\  
 Data File : P0089616.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2022 02:54  
 Operator : YP/AJ  
 Sample : N4663-08MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 HW-43MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/19/2022  
 Supervised By :Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 04:26:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0091522.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 16 08:48:17 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...          | 4.473  | 3.660 | 75425546 | 29755852 | 19.489m  | 17.460m |
| 2) SA Decachlor...          | 10.349 | 8.765 | 39771991 | 15819056 | 16.110   | 14.019  |
| Target Compounds            |        |       |          |          |          |         |
| 3) L1 AR-1016-1             | 5.651  | 4.764 | 79437661 | 27726889 | 693.276m | 577.098 |
| 4) L1 AR-1016-2             | 5.674  | 4.783 | 107.7E6  | 39488916 | 652.421m | 559.012 |
| 5) L1 AR-1016-3             | 5.737  | 4.962 | 66251692 | 21220079 | 642.486m | 564.534 |
| 6) L1 AR-1016-4             | 5.837  | 5.004 | 55279445 | 17443376 | 675.562m | 541.152 |
| 7) L1 AR-1016-5             | 6.133  | 5.221 | 54773909 | 21961143 | 684.776m | 536.407 |
| 31) L7 AR-1260-1            | 7.269  | 6.270 | 91800545 | 37846854 | 639.158  | 508.700 |
| 32) L7 AR-1260-2            | 7.526  | 6.460 | 103.3E6  | 43591107 | 631.758  | 508.126 |
| 33) L7 AR-1260-3            | 7.889  | 6.616 | 59434725 | 41772435 | 495.900  | 512.782 |
| 34) L7 AR-1260-4            | 8.117  | 7.094 | 73959155 | 27848657 | 547.735  | 431.256 |
| 35) L7 AR-1260-5            | 8.448  | 7.337 | 137.0E6  | 58396556 | 516.099  | 441.143 |
| -----                       |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091622\  
Data File : PO089616.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Sep 2022 02:54  
Operator : YP/AJ  
Sample : N4663-08MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

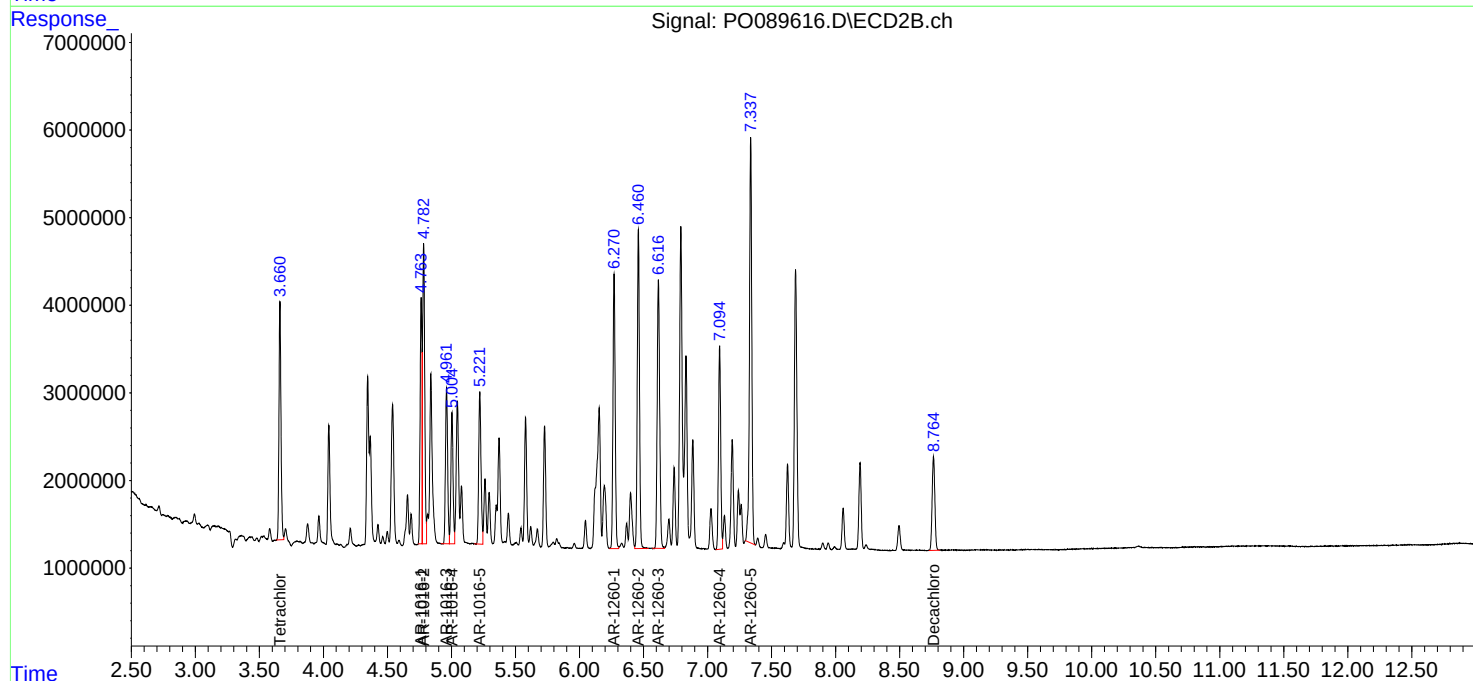
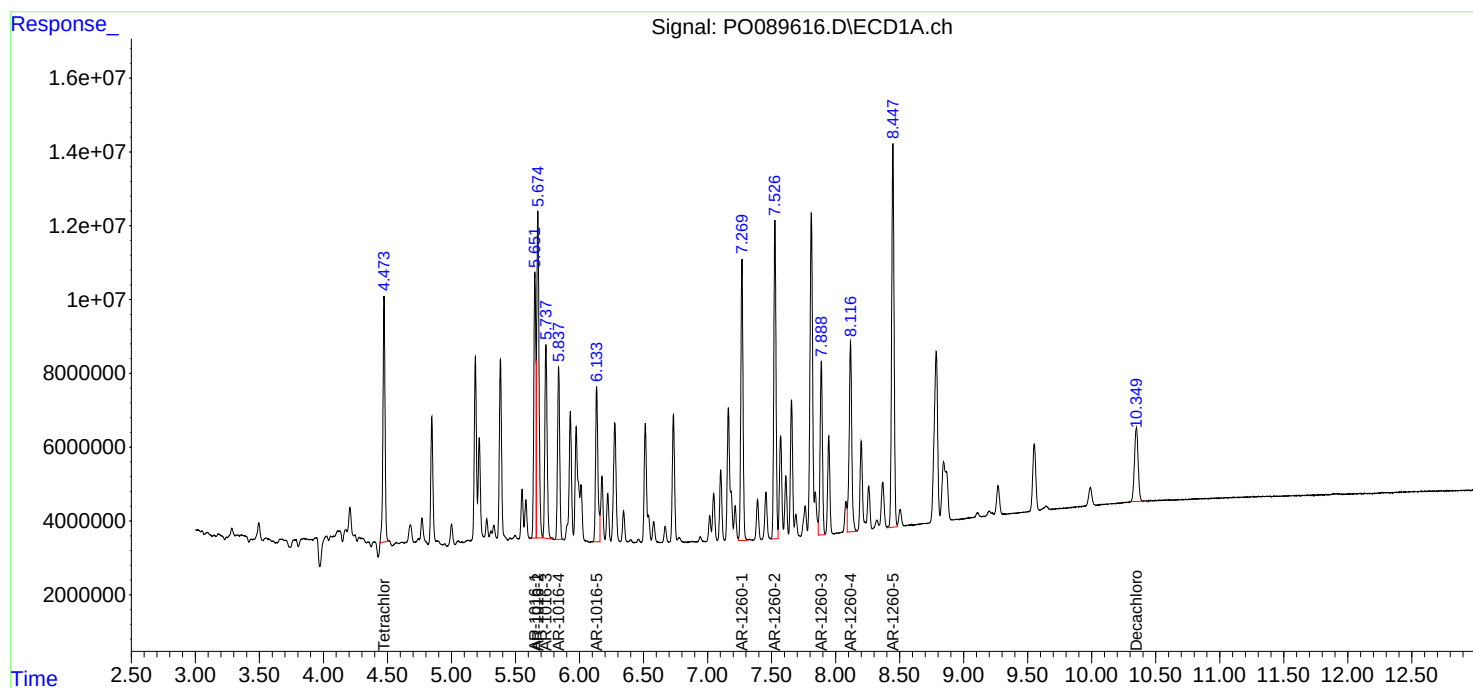
Instrument :  
ECD\_O  
ClientSampleId :  
HW-43MSD

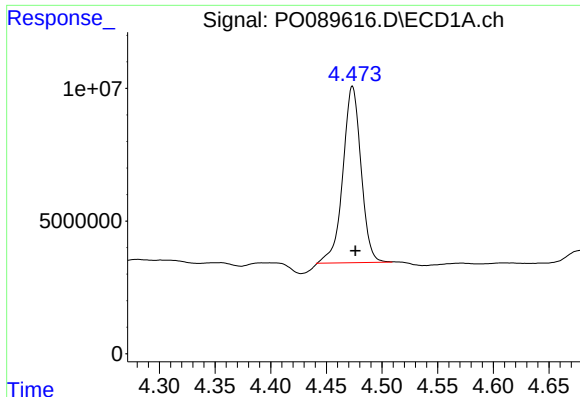
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Integration File signal 1: autoint1.e  
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Quant Time: Sep 17 04:26:06 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO091522.M  
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Volume Inj. : 2 µl  
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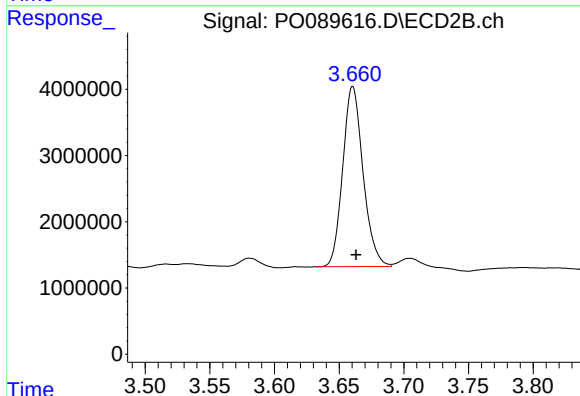
#1 Tetrachloro-m-xylene

R.T.: 4.473 min  
Delta R.T.: -0.003 min  
Response: 75425546  
Conc: 19.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HW-43MSD

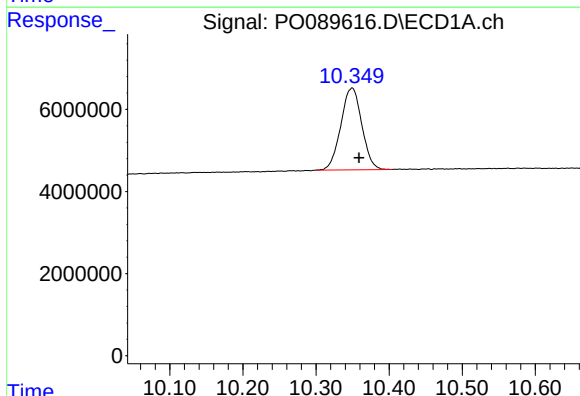
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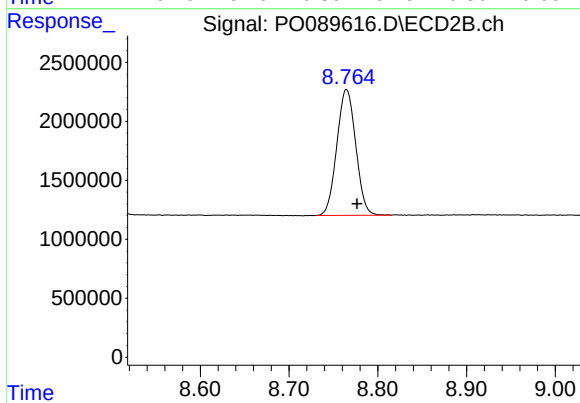
#1 Tetrachloro-m-xylene

R.T.: 3.660 min  
Delta R.T.: -0.003 min  
Response: 29755852  
Conc: 17.46 ng/ml m



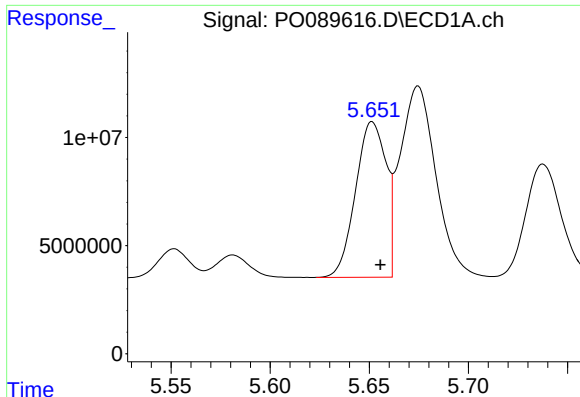
#2 Decachlorobiphenyl

R.T.: 10.349 min  
Delta R.T.: -0.009 min  
Response: 39771991  
Conc: 16.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.765 min  
Delta R.T.: -0.012 min  
Response: 15819056  
Conc: 14.02 ng/ml



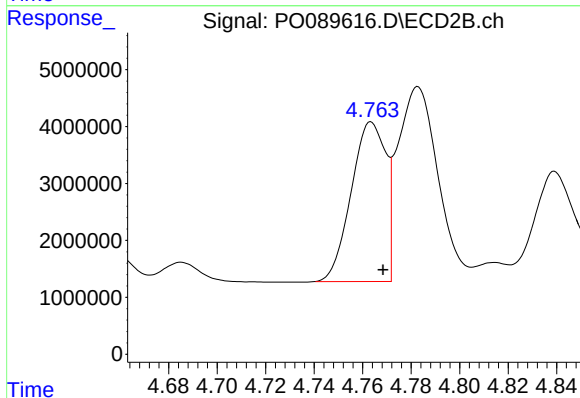
#3 AR-1016-1

R.T.: 5.651 min  
Delta R.T.: -0.005 min  
Response: 79437661  
Conc: 693.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HW-43MSD

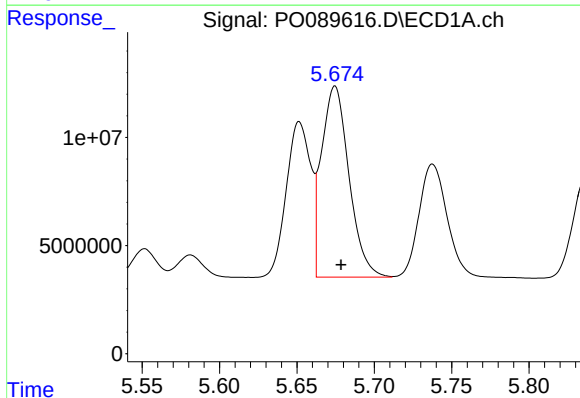
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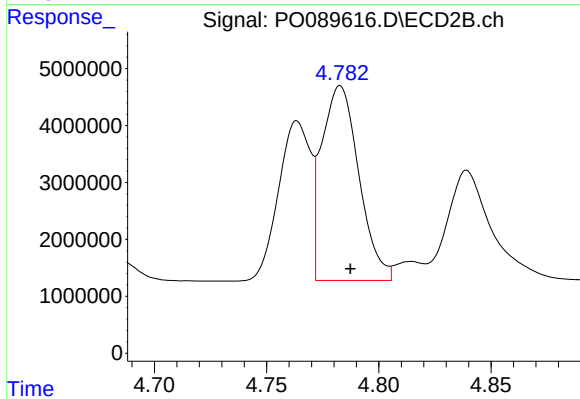
#3 AR-1016-1

R.T.: 4.764 min  
Delta R.T.: -0.005 min  
Response: 27726889  
Conc: 577.10 ng/ml



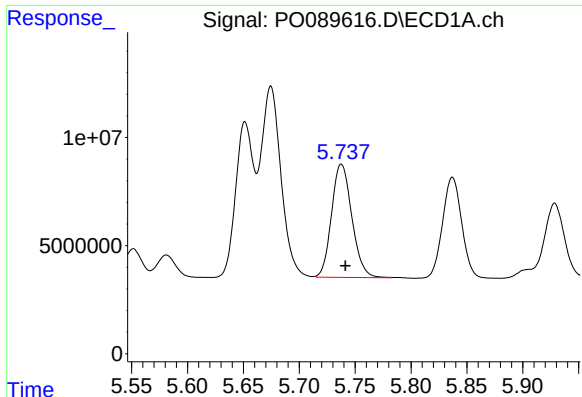
#4 AR-1016-2

R.T.: 5.674 min  
Delta R.T.: -0.004 min  
Response: 107719652  
Conc: 652.42 ng/ml m



#4 AR-1016-2

R.T.: 4.783 min  
Delta R.T.: -0.005 min  
Response: 39488916  
Conc: 559.01 ng/ml



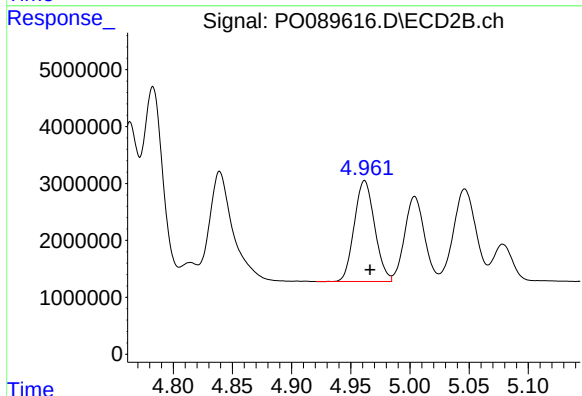
#5 AR-1016-3

R.T.: 5.737 min  
Delta R.T.: -0.004 min  
Response: 66251692  
Conc: 642.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HW-43MSD

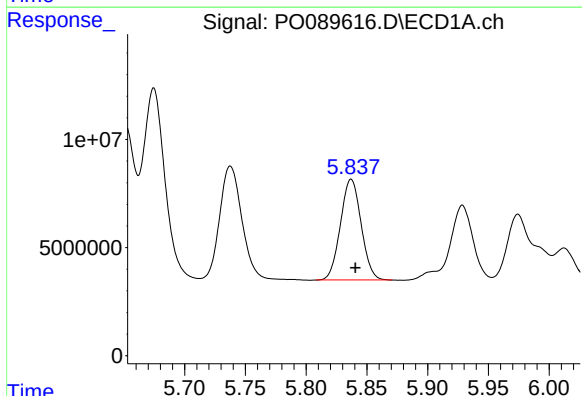
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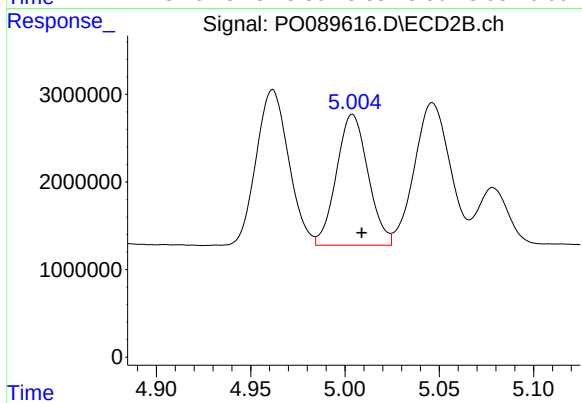
#5 AR-1016-3

R.T.: 4.962 min  
Delta R.T.: -0.005 min  
Response: 21220079  
Conc: 564.53 ng/ml



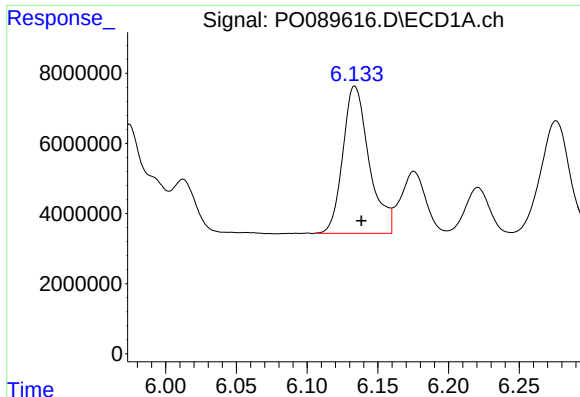
#6 AR-1016-4

R.T.: 5.837 min  
Delta R.T.: -0.004 min  
Response: 55279445  
Conc: 675.56 ng/ml m



#6 AR-1016-4

R.T.: 5.004 min  
Delta R.T.: -0.005 min  
Response: 17443376  
Conc: 541.15 ng/ml



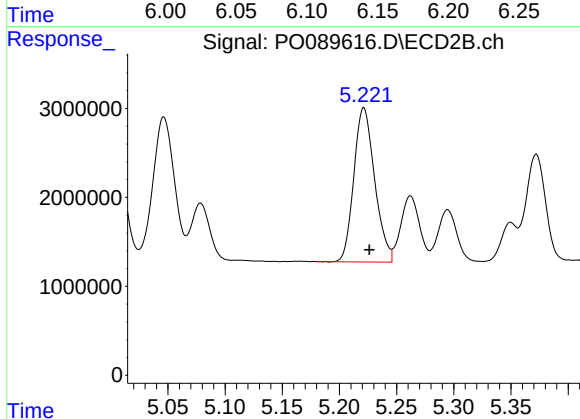
#7 AR-1016-5

R.T.: 6.133 min  
Delta R.T.: -0.005 min  
Response: 54773909  
Conc: 684.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HW-43MSD

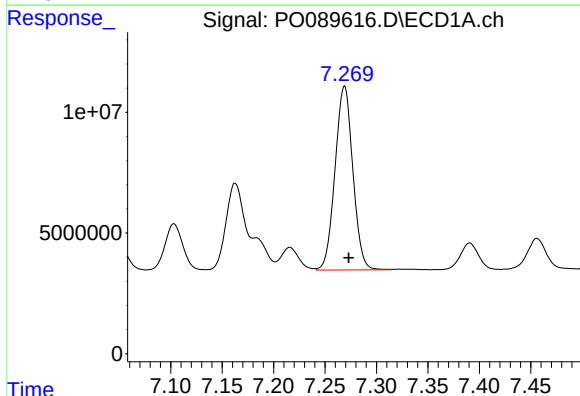
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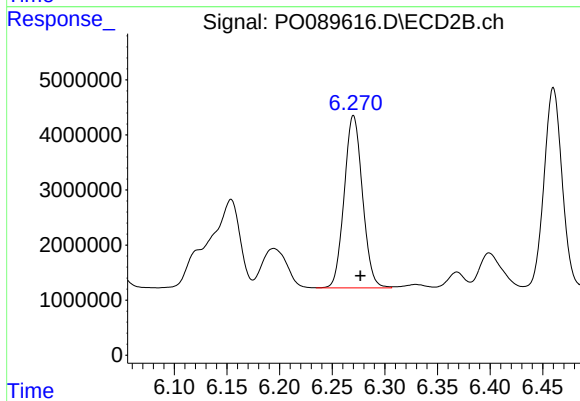
#7 AR-1016-5

R.T.: 5.221 min  
Delta R.T.: -0.005 min  
Response: 21961143  
Conc: 536.41 ng/ml



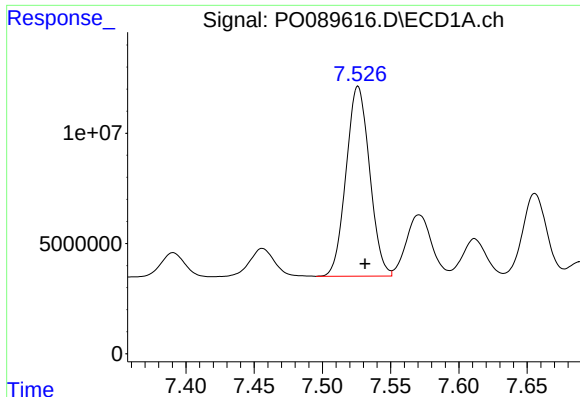
#31 AR-1260-1

R.T.: 7.269 min  
Delta R.T.: -0.004 min  
Response: 91800545  
Conc: 639.16 ng/ml



#31 AR-1260-1

R.T.: 6.270 min  
Delta R.T.: -0.006 min  
Response: 37846854  
Conc: 508.70 ng/ml



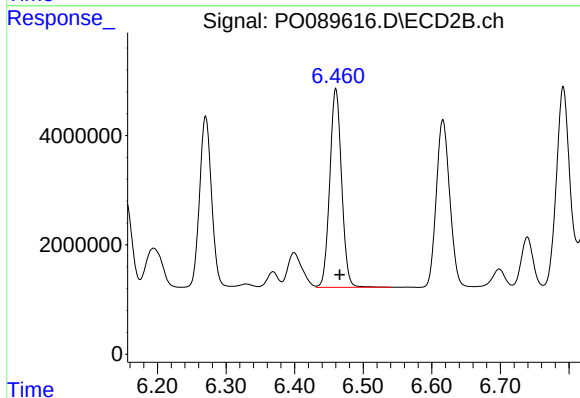
#32 AR-1260-2

R.T.: 7.526 min  
Delta R.T.: -0.005 min  
Response: 103307896  
Conc: 631.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HW-43MSD

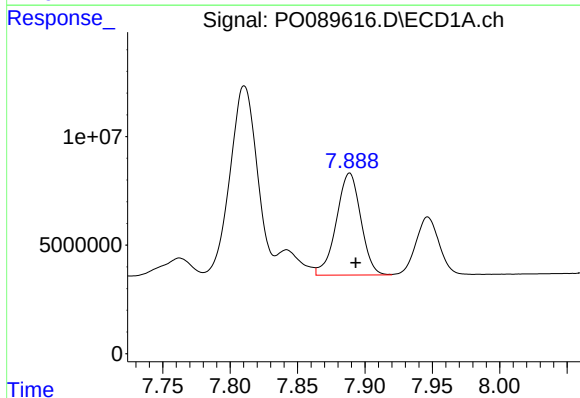
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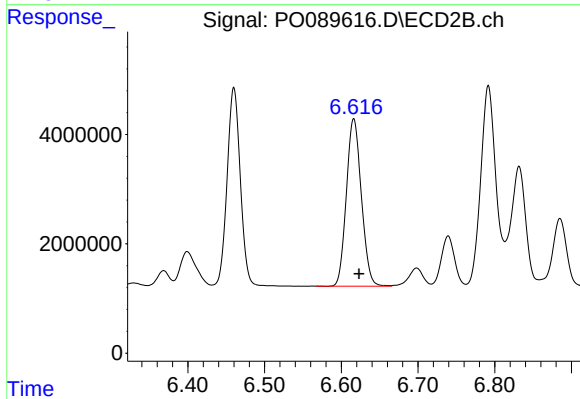
#32 AR-1260-2

R.T.: 6.460 min  
Delta R.T.: -0.006 min  
Response: 43591107  
Conc: 508.13 ng/ml



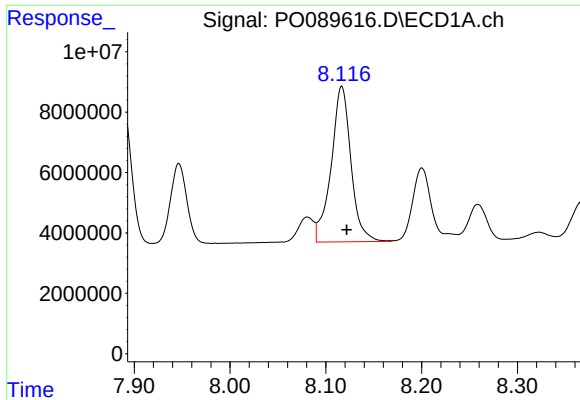
#33 AR-1260-3

R.T.: 7.889 min  
Delta R.T.: -0.004 min  
Response: 59434725  
Conc: 495.90 ng/ml



#33 AR-1260-3

R.T.: 6.616 min  
Delta R.T.: -0.007 min  
Response: 41772435  
Conc: 512.78 ng/ml



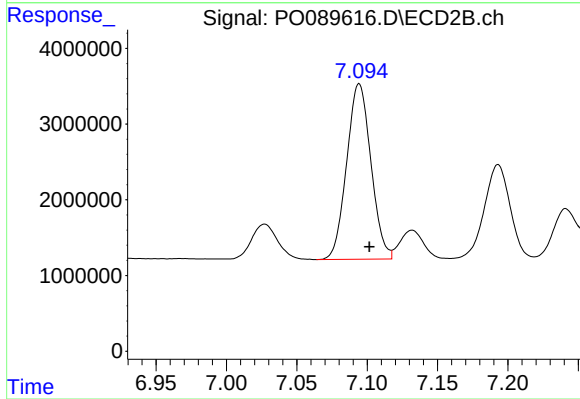
#34 AR-1260-4

R.T.: 8.117 min  
Delta R.T.: -0.005 min  
Response: 73959155  
Conc: 547.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
HW-43MSD

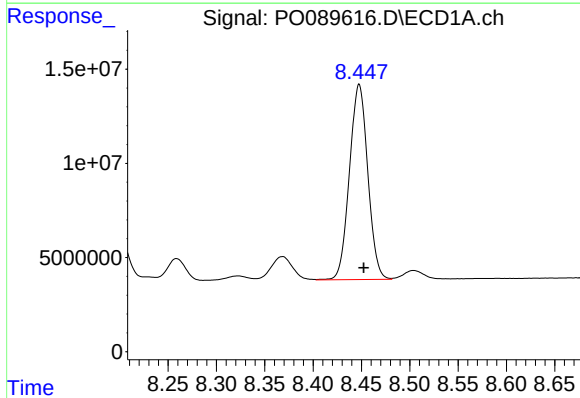
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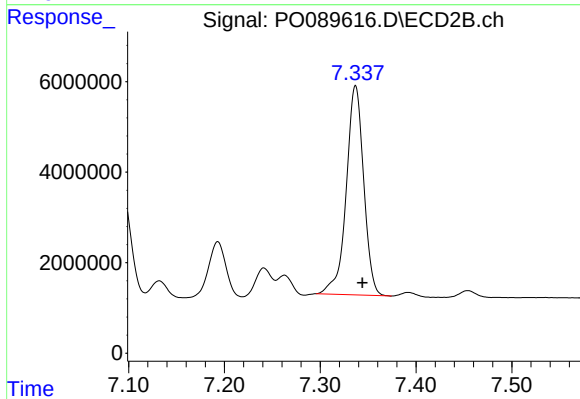
#34 AR-1260-4

R.T.: 7.094 min  
Delta R.T.: -0.007 min  
Response: 27848657  
Conc: 431.26 ng/ml



#35 AR-1260-5

R.T.: 8.448 min  
Delta R.T.: -0.005 min  
Response: 136969281  
Conc: 516.10 ng/ml



#35 AR-1260-5

R.T.: 7.337 min  
Delta R.T.: -0.007 min  
Response: 58396556  
Conc: 441.14 ng/ml