

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ021919\  
 Data File : PQ037398.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Feb 2019 15:16  
 Operator : SM\SJ  
 Sample : K1390-02MSD  
 Misc :  
 ALS Vial : 142 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 SB-02(15-16)MSD

Manual Integrations  
 APPROVED

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 19 16:16:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ021319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Feb 13 16:51:51 2019  
 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... | 4.259 | 3.668 | 137.5E6  | 69954611 | 23.582   | 23.087   |
| 2)                          | SA Decachlor... | 9.756 | 8.571 | 92377735 | 41254634 | 18.860m  | 18.982   |
| Target Compounds            |                 |       |       |          |          |          |          |
| 3)                          | L1 AR-1016-1    | 5.407 | 4.730 | 51715180 | 27748238 | 292.129m | 295.112m |
| 4)                          | L1 AR-1016-2    | 5.428 | 4.747 | 80506822 | 43495460 | 295.990m | 309.294m |
| 5)                          | L1 AR-1016-3    | 5.489 | 4.922 | 46603520 | 21442135 | 292.126  | 305.067  |
| 6)                          | L1 AR-1016-4    | 5.588 | 4.960 | 39176514 | 17205578 | 290.464  | 310.870  |
| 7)                          | L1 AR-1016-5    | 5.872 | 5.170 | 35196503 | 21566615 | 271.625m | 298.621m |
| 31)                         | L7 AR-1260-1    | 6.976 | 6.182 | 66364436 | 38913491 | 253.581  | 276.379  |
| 32)                         | L7 AR-1260-2    | 7.230 | 6.370 | 80749844 | 44974300 | 242.774m | 258.833  |
| 33)                         | L7 AR-1260-3    | 7.582 | 6.520 | 52088681 | 41326863 | 242.766m | 258.554m |
| 34)                         | L7 AR-1260-4    | 7.813 | 6.983 | 53495776 | 27115288 | 223.241  | 258.783  |
| 35)                         | L7 AR-1260-5    | 8.119 | 7.227 | 111.5E6  | 59828104 | 224.531m | 232.873  |
| -----                       |                 |       |       |          |          |          |          |

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

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Acq On : 19 Feb 2019 15:16  
Operator : SM\SJ  
Sample : K1390-02MSD  
Misc :  
ALS Vial : 142 Sample Multiplier: 1

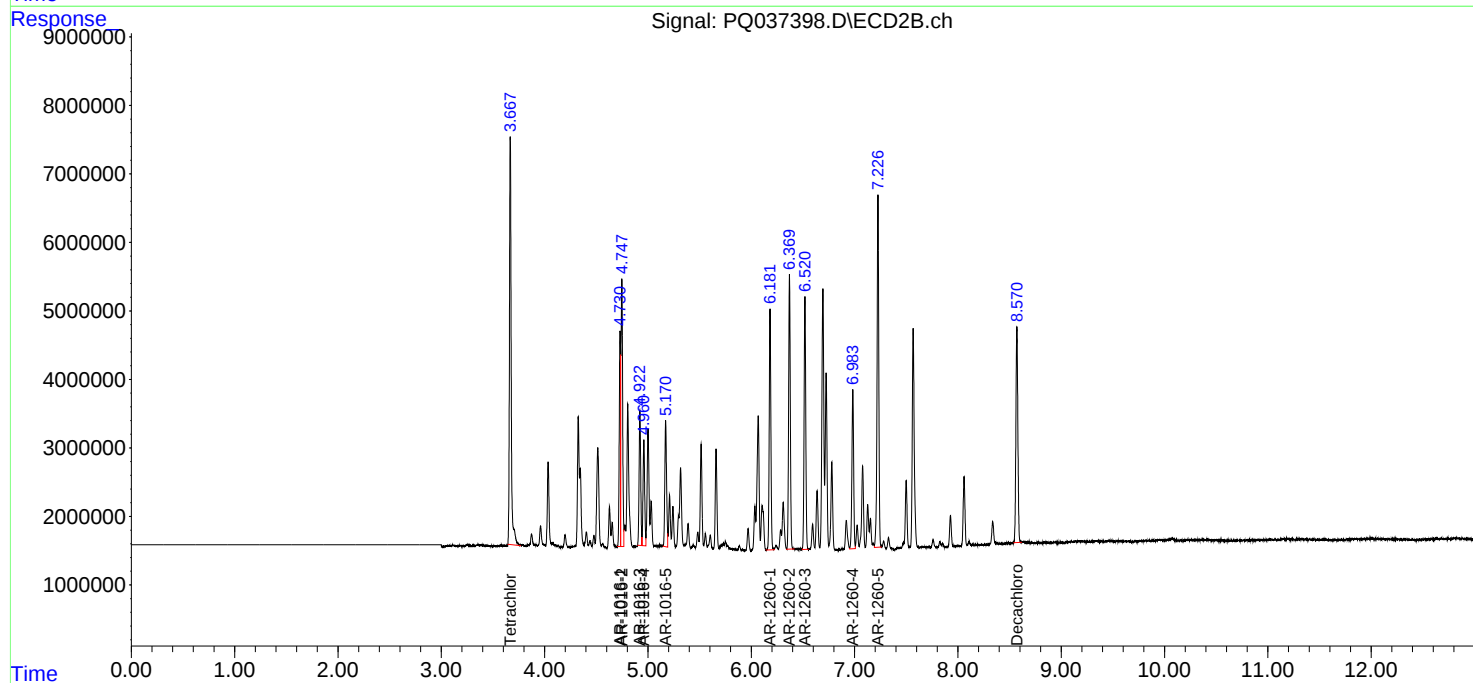
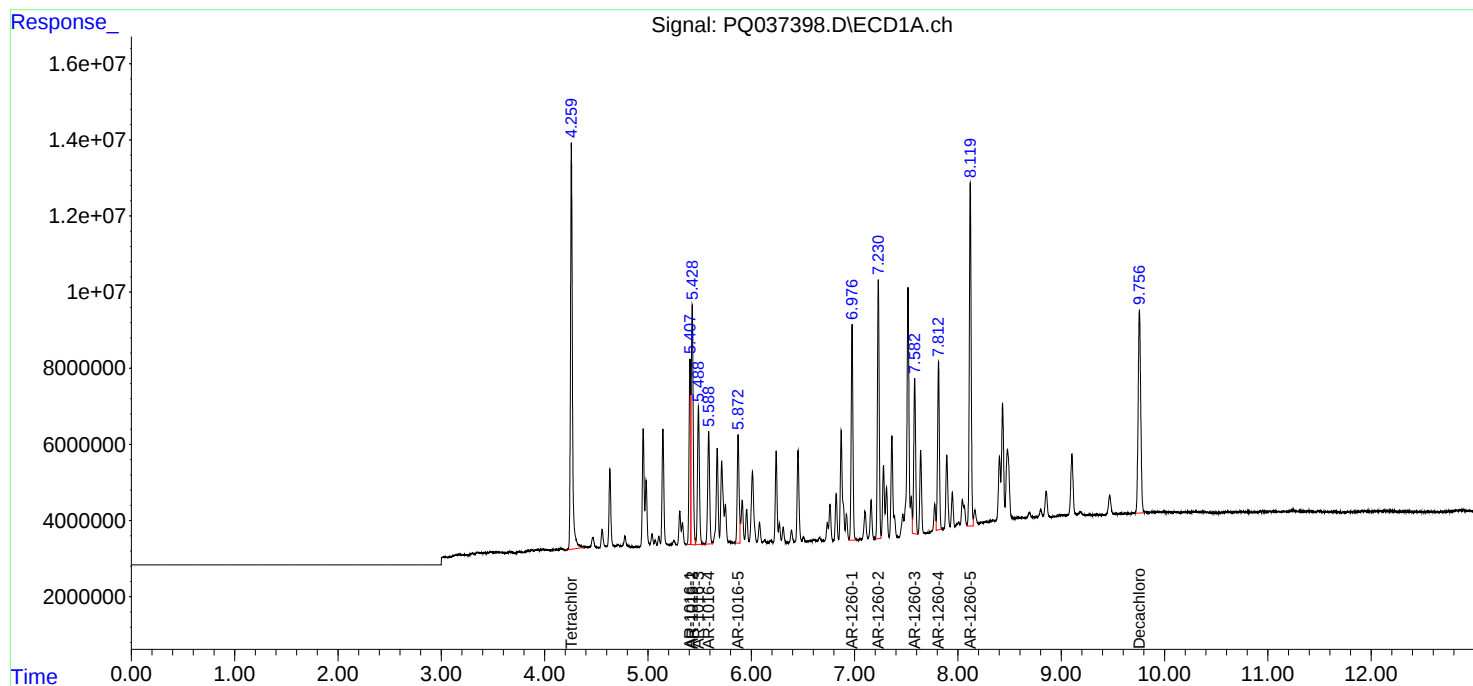
Instrument :  
ECD\_Q  
ClientSampleId :  
SB-02(15-16)MSD

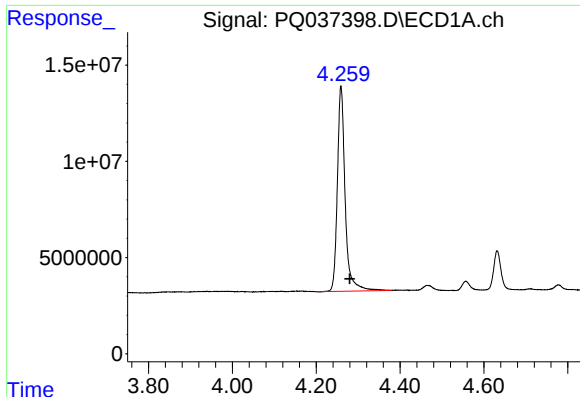
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 19 16:16:40 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ021319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Feb 13 16:51:51 2019  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





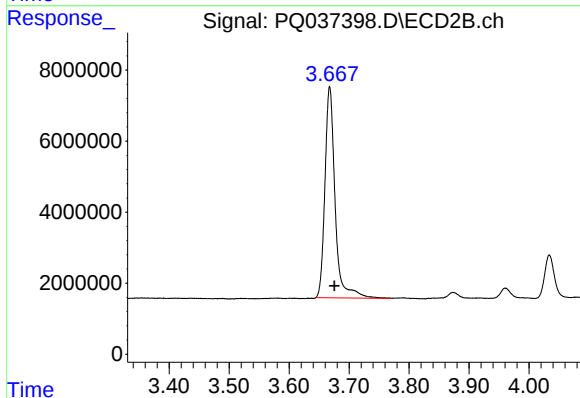
#1 Tetrachloro-m-xylene

R.T.: 4.259 min  
Delta R.T.: -0.021 min  
Response: 137531368  
Conc: 23.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SB-02(15-16)MSD

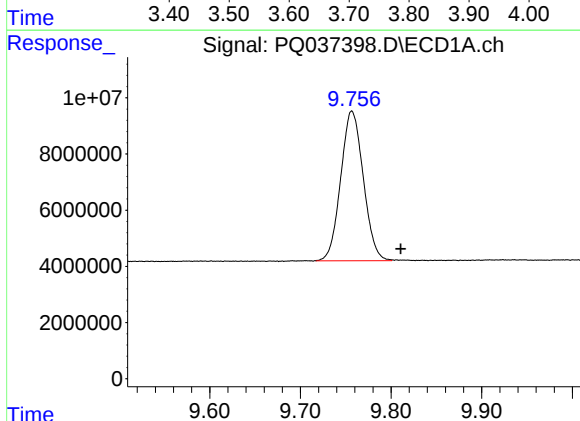
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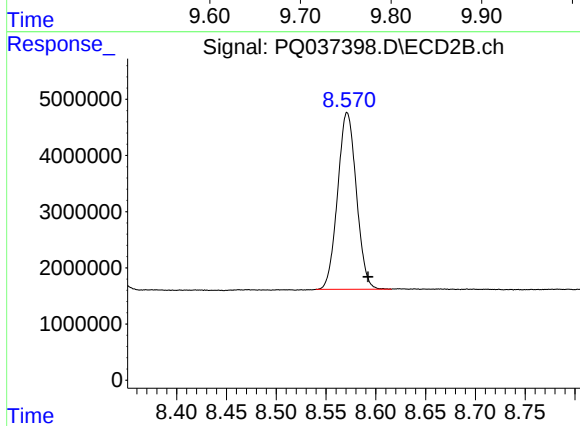
#1 Tetrachloro-m-xylene

R.T.: 3.668 min  
Delta R.T.: -0.008 min  
Response: 69954611  
Conc: 23.09 ng/ml



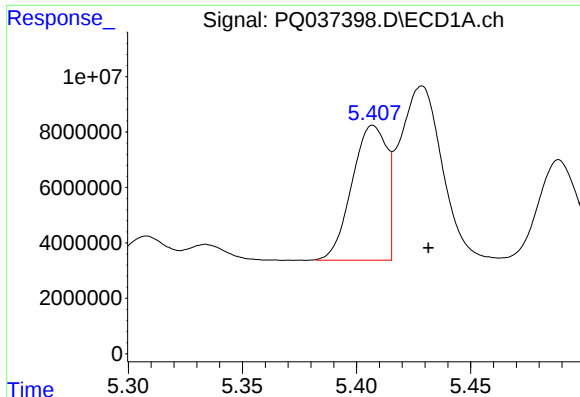
#2 Decachlorobiphenyl

R.T.: 9.756 min  
Delta R.T.: -0.054 min  
Response: 92377735  
Conc: 18.86 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.571 min  
Delta R.T.: -0.021 min  
Response: 41254634  
Conc: 18.98 ng/ml



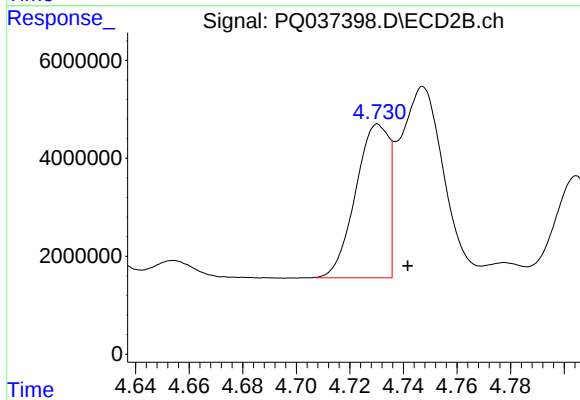
#3 AR-1016-1

R.T.: 5.407 min  
Delta R.T.: -0.025 min  
Response: 51715180  
Conc: 292.13 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
SB-02(15-16)MSD

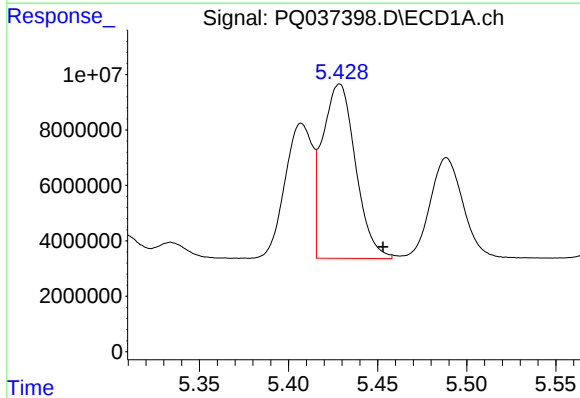
Manual Integrations  
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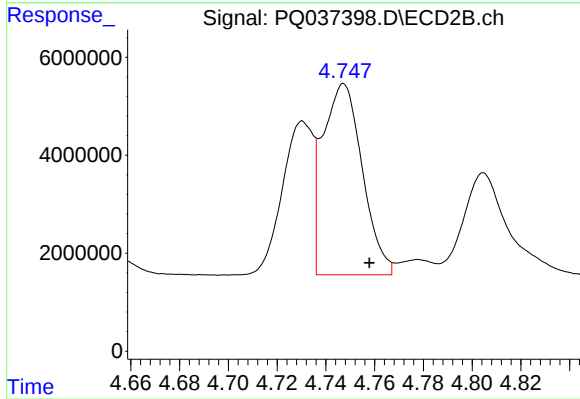
#3 AR-1016-1

R.T.: 4.730 min  
Delta R.T.: -0.011 min  
Response: 27748238  
Conc: 295.11 ng/ml m



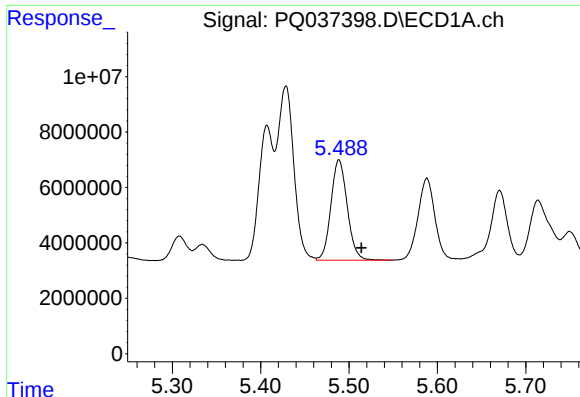
#4 AR-1016-2

R.T.: 5.428 min  
Delta R.T.: -0.025 min  
Response: 80506822  
Conc: 295.99 ng/ml m



#4 AR-1016-2

R.T.: 4.747 min  
Delta R.T.: -0.011 min  
Response: 43495460  
Conc: 309.29 ng/ml m



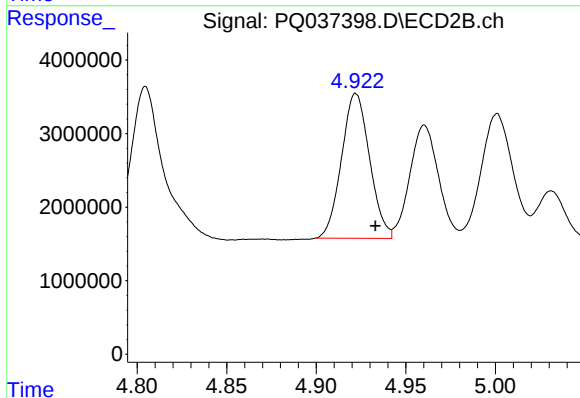
#5 AR-1016-3

R.T.: 5.489 min  
Delta R.T.: -0.026 min  
Response: 46603520  
Conc: 292.13 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SB-02(15-16)MSD

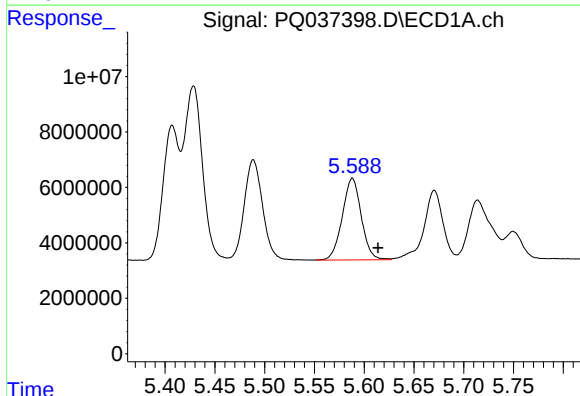
Manual Integrations  
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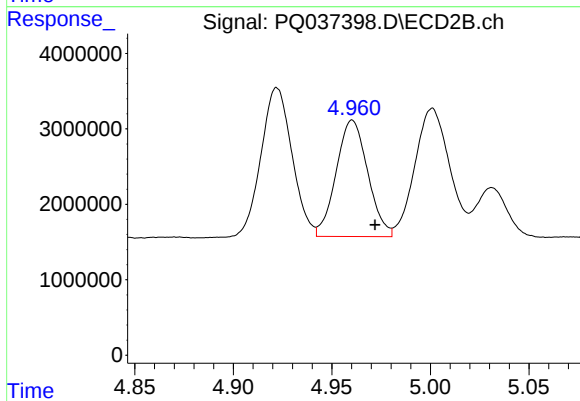
#5 AR-1016-3

R.T.: 4.922 min  
Delta R.T.: -0.011 min  
Response: 21442135  
Conc: 305.07 ng/ml



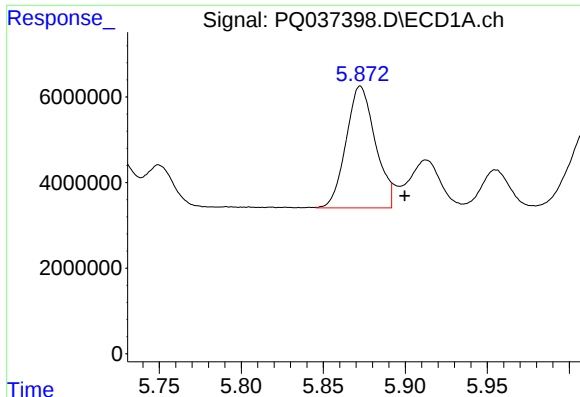
#6 AR-1016-4

R.T.: 5.588 min  
Delta R.T.: -0.026 min  
Response: 39176514  
Conc: 290.46 ng/ml



#6 AR-1016-4

R.T.: 4.960 min  
Delta R.T.: -0.012 min  
Response: 17205578  
Conc: 310.87 ng/ml



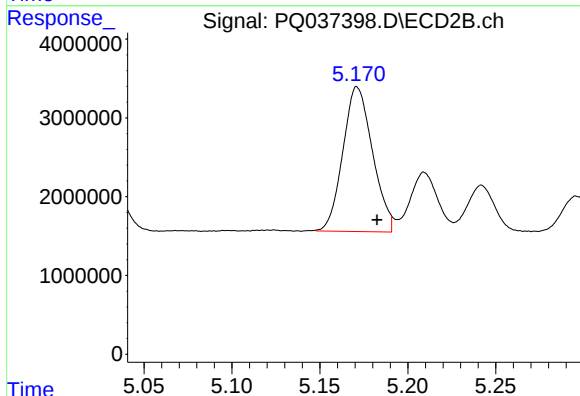
#7 AR-1016-5

R.T.: 5.872 min  
Delta R.T.: -0.027 min  
Response: 35196503  
Conc: 271.63 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
SB-02(15-16)MSD

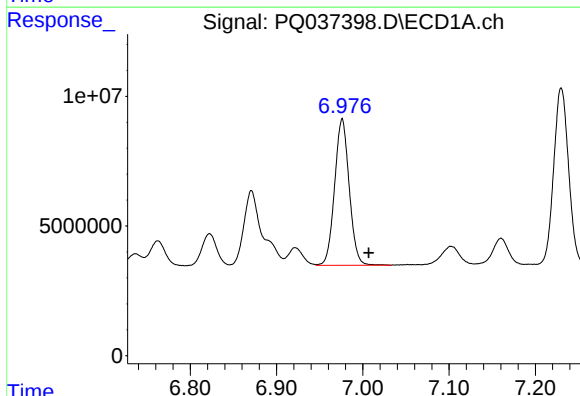
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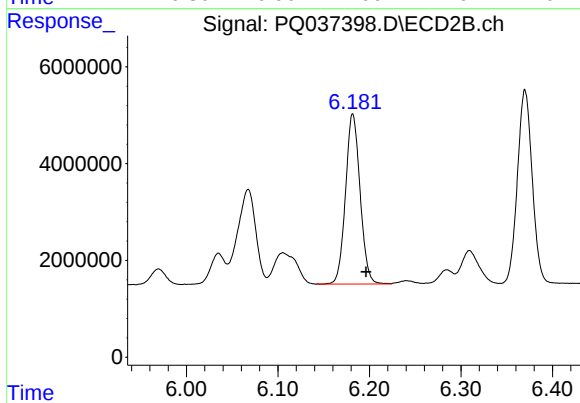
#7 AR-1016-5

R.T.: 5.170 min  
Delta R.T.: -0.012 min  
Response: 21566615  
Conc: 298.62 ng/ml m



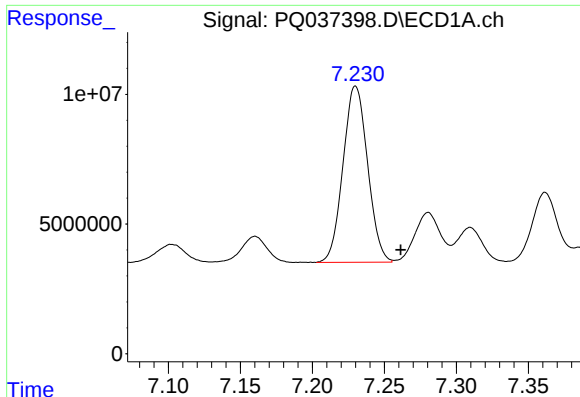
#31 AR-1260-1

R.T.: 6.976 min  
Delta R.T.: -0.031 min  
Response: 66364436  
Conc: 253.58 ng/ml



#31 AR-1260-1

R.T.: 6.182 min  
Delta R.T.: -0.014 min  
Response: 38913491  
Conc: 276.38 ng/ml



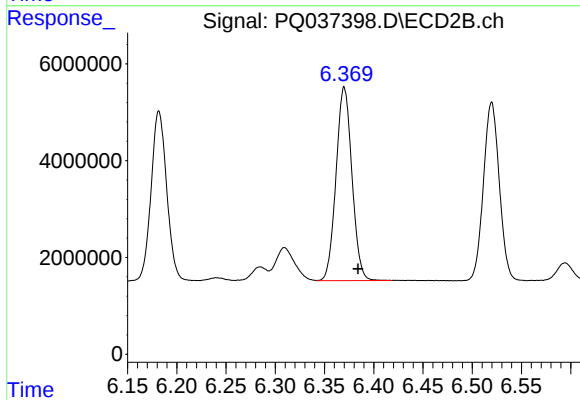
#32 AR-1260-2

R.T.: 7.230 min  
Delta R.T.: -0.032 min  
Response: 80749844  
Conc: 242.77 ng/ml m

Instrument :  
ECD\_Q  
ClientSampleId :  
SB-02(15-16)MSD

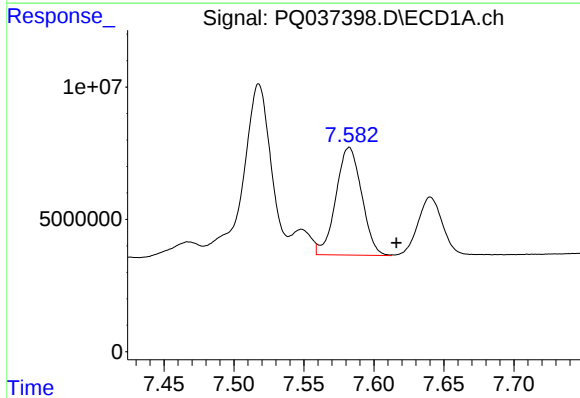
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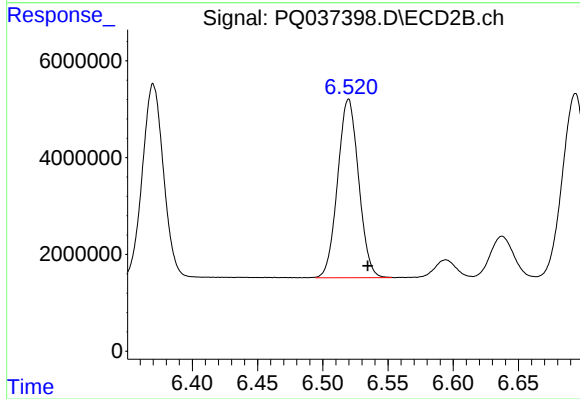
#32 AR-1260-2

R.T.: 6.370 min  
Delta R.T.: -0.014 min  
Response: 44974300  
Conc: 258.83 ng/ml



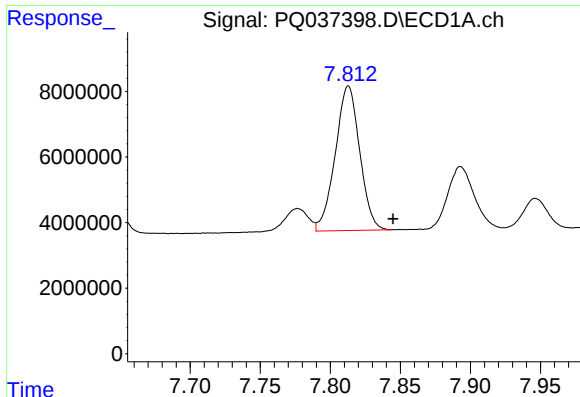
#33 AR-1260-3

R.T.: 7.582 min  
Delta R.T.: -0.034 min  
Response: 52088681  
Conc: 242.77 ng/ml m



#33 AR-1260-3

R.T.: 6.520 min  
Delta R.T.: -0.015 min  
Response: 41326863  
Conc: 258.55 ng/ml m



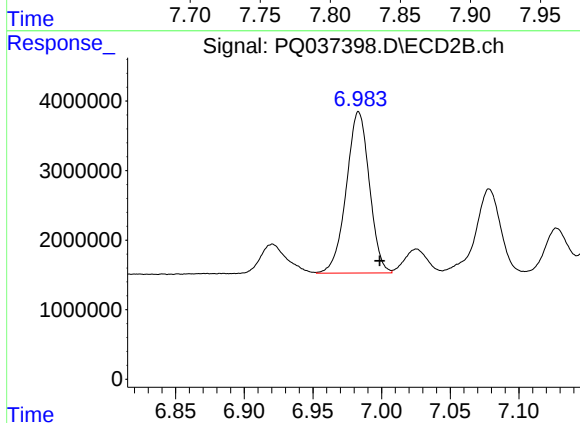
#34 AR-1260-4

R.T.: 7.813 min  
Delta R.T.: -0.032 min  
Response: 53495776  
Conc: 223.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
SB-02(15-16)MSD

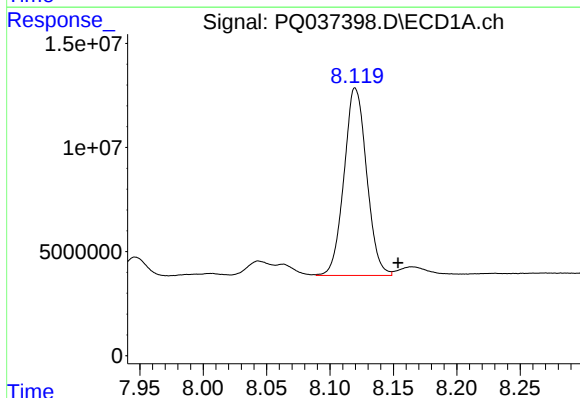
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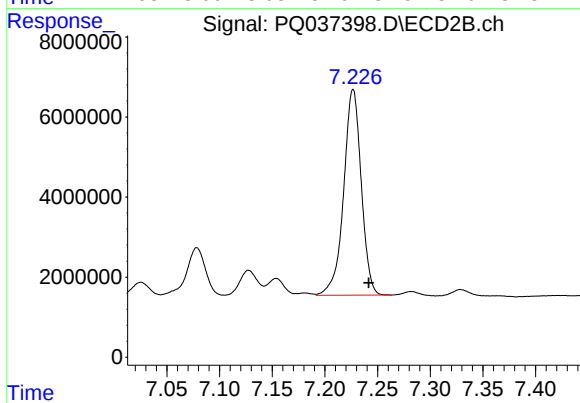
#34 AR-1260-4

R.T.: 6.983 min  
Delta R.T.: -0.015 min  
Response: 27115288  
Conc: 258.78 ng/ml



#35 AR-1260-5

R.T.: 8.119 min  
Delta R.T.: -0.034 min  
Response: 111476910  
Conc: 224.53 ng/ml m



#35 AR-1260-5

R.T.: 7.227 min  
Delta R.T.: -0.015 min  
Response: 59828104  
Conc: 232.87 ng/ml