

Data Path : P:\HPCHEM1\ECD 0\Data\P0031618\  
 Data File : P0043123.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Mar 2018 18:10  
 Operator : SM/UA  
 Sample : PB107378BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PB107379BS

Manual Integrations  
 APPROVED

ugo  
 3/19/2018 9:43:12 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 08:24:57 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0022118.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 26 14:24:10 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...          | 4.083 | 3.336 | 4538803 | 5988361 | 18.322   | 16.205    |
| 2) SA Decachlor...          | 9.445 | 8.108 | 3908599 | 4535590 | 15.465   | 11.762    |
| Target Compounds            |       |       |         |         |          |           |
| 3) L1 AR-1016-1             | 4.947 | 4.153 | 1162747 | 1519046 | 173.136m | 160.476   |
| 4) L1 AR-1016-2             | 5.288 | 4.587 | 1719181 | 1404889 | 191.980  | 171.453m  |
| 5) L1 AR-1016-3             | 5.382 | 4.626 | 1313003 | 1659628 | 181.727  | 159.742m  |
| 6) L1 AR-1016-4             | 5.803 | 4.790 | 1003593 | 1709097 | 141.260  | 153.901m  |
| 7) L1 AR-1016-5             | 6.034 | 5.126 | 1041884 | 1190403 | 144.730  | 112.617   |
| 31) L7 AR-1260-1            | 6.764 | 5.781 | 2302412 | 3298589 | 167.357  | 136.632   |
| 32) L7 AR-1260-2            | 7.056 | 5.967 | 887655  | 4524710 | 48.528   | 134.696 # |
| 33) L7 AR-1260-3            | 7.291 | 6.112 | 3305262 | 3688712 | 159.071m | 129.580   |
| 34) L7 AR-1260-4            | 7.368 | 6.317 | 1982590 | 3425630 | 133.949  | 100.202 # |
| 35) L7 AR-1260-5            | 7.889 | 6.813 | 4202775 | 6300664 | 124.328m | 93.101 #  |
| -----                       |       |       |         |         |          |           |

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

Data Path : P:\HPCHEM1\ECD 0\Data\P0031618\  
Data File : P0043123.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Mar 2018 18:10  
Operator : SM/UA  
Sample : PB107378BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

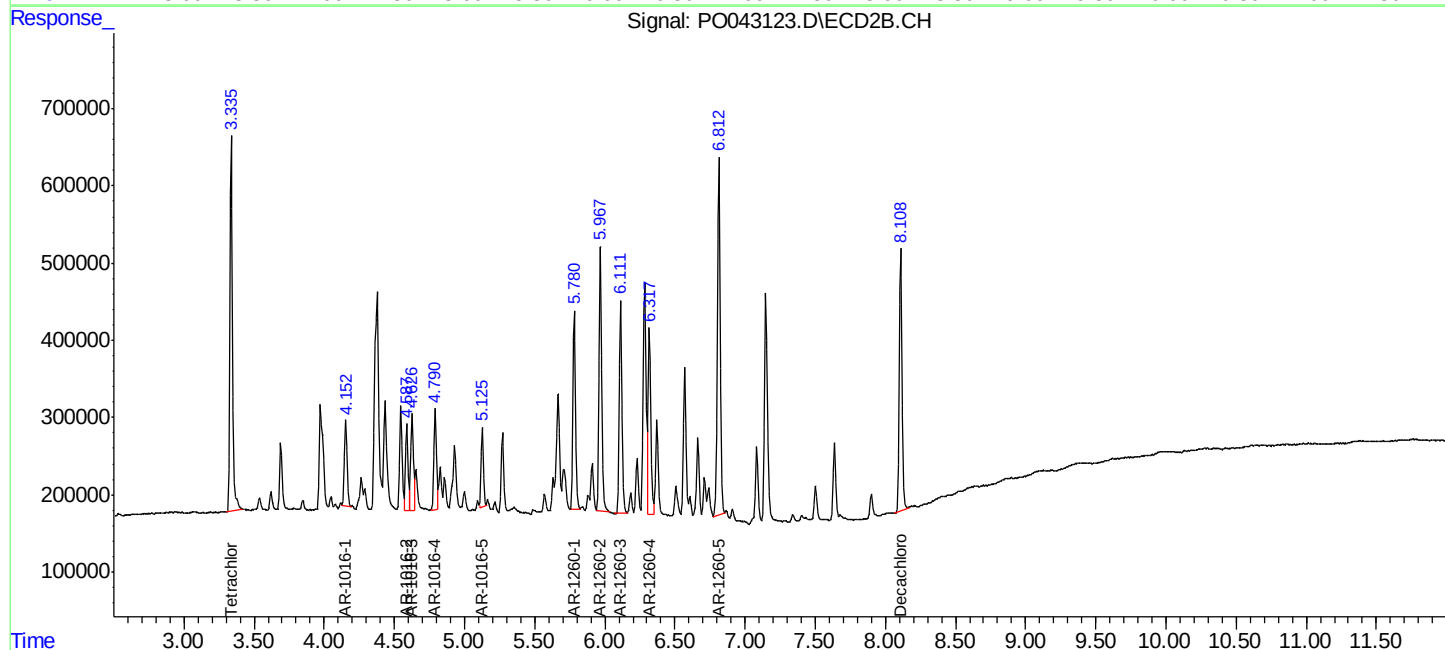
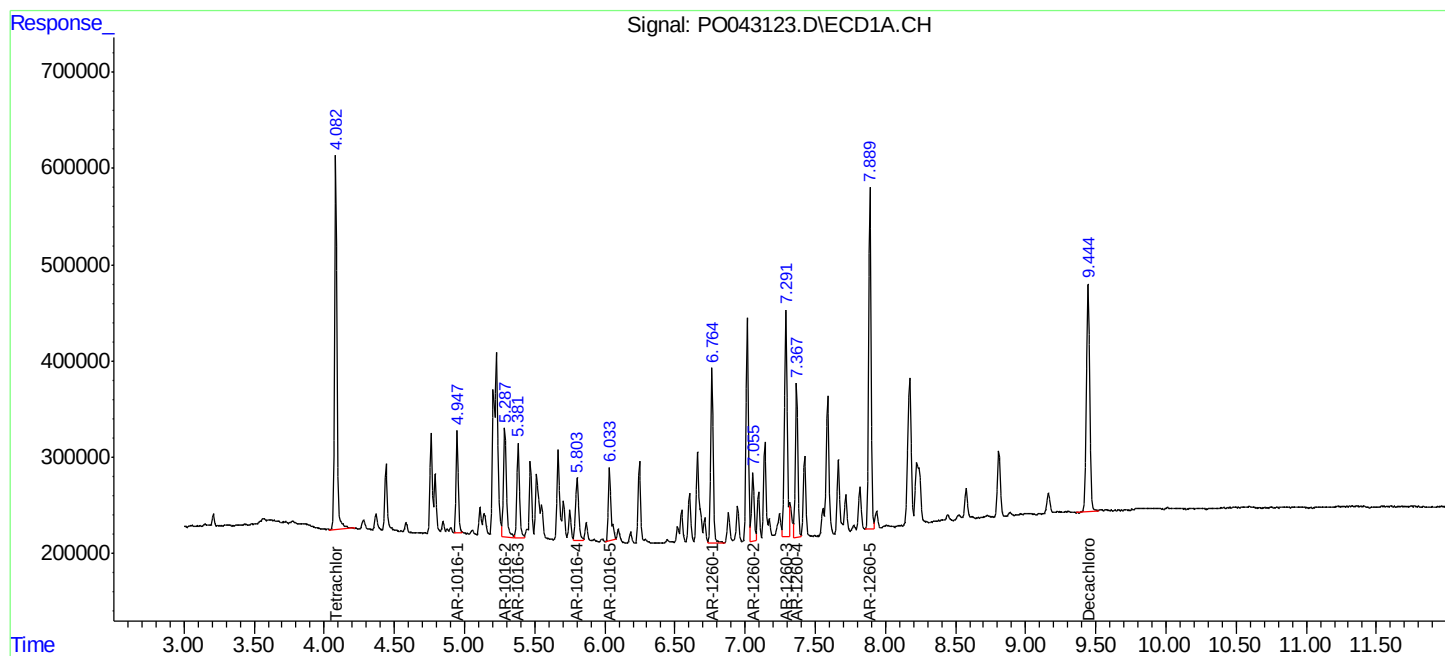
Instrument :  
ECD\_O  
ClientSampleId :  
PB107379BS

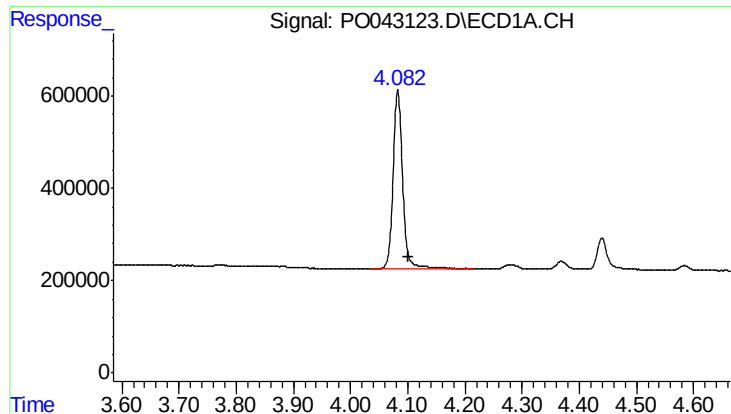
Manual Integrations  
APPROVED

ugo  
3/19/2018 9:43:12 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 08:24:57 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\P0022118.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Feb 26 14:24:10 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Ini. : 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





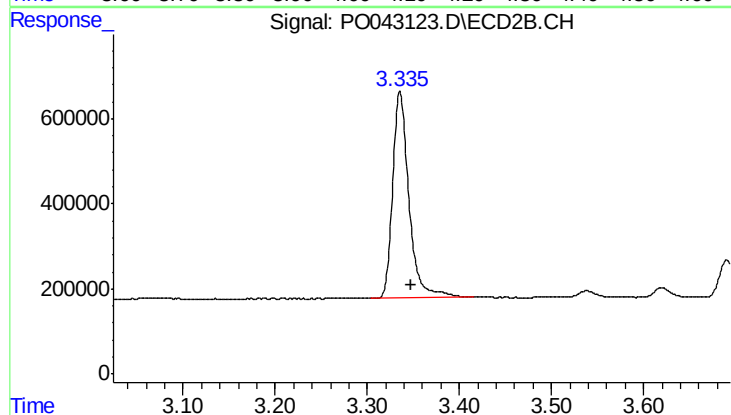
#1 Tetrachloro-m-xylene

R.T.: 4.083 min  
Delta R.T.: -0.019 min  
Response: 4538803  
Conc: 18.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB107379BS

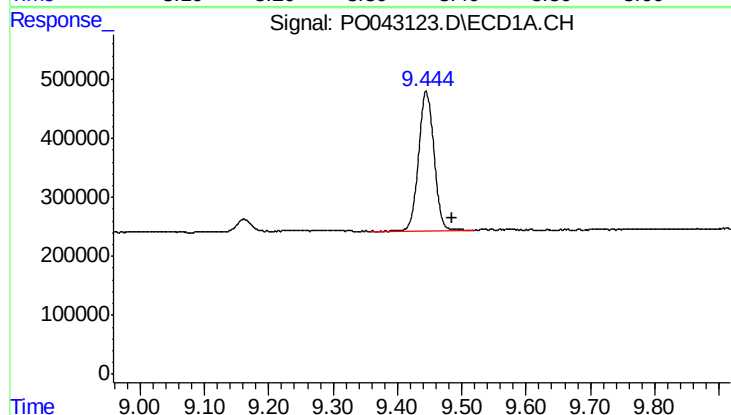
Manual Integrations  
APPROVED

ugo  
3/19/2018 9:43:12 AM



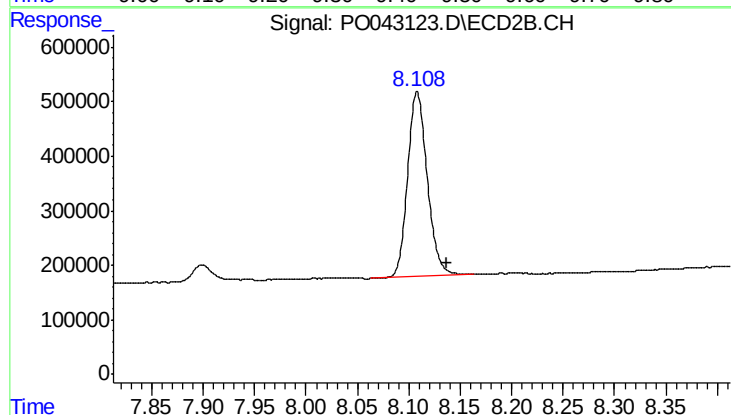
#1 Tetrachloro-m-xylene

R.T.: 3.336 min  
Delta R.T.: -0.012 min  
Response: 5988361  
Conc: 16.21 ng/ml



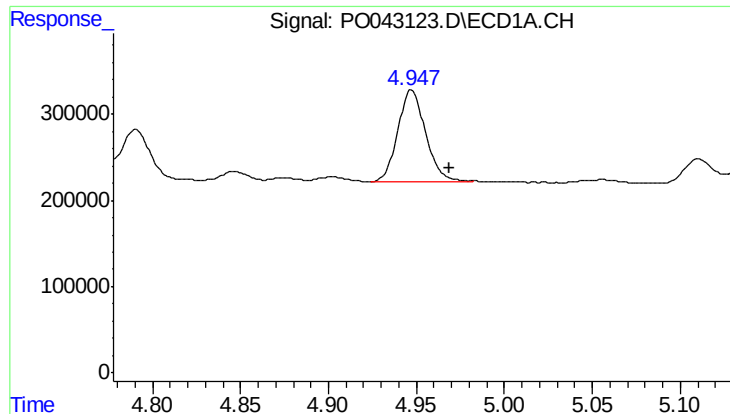
#2 Decachlorobiphenyl

R.T.: 9.445 min  
Delta R.T.: -0.039 min  
Response: 3908599  
Conc: 15.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.108 min  
Delta R.T.: -0.028 min  
Response: 4535590  
Conc: 11.76 ng/ml



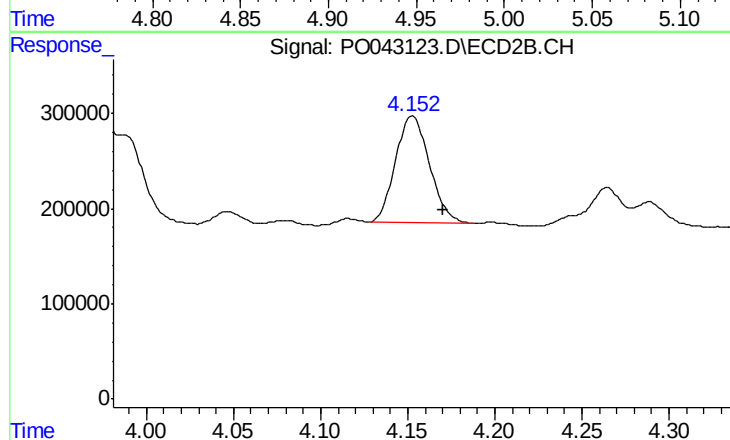
#3 AR-1016-1

R.T.: 4.947 min  
Delta R.T.: -0.022 min  
Response: 1162747  
Conc: 173.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB107379BS

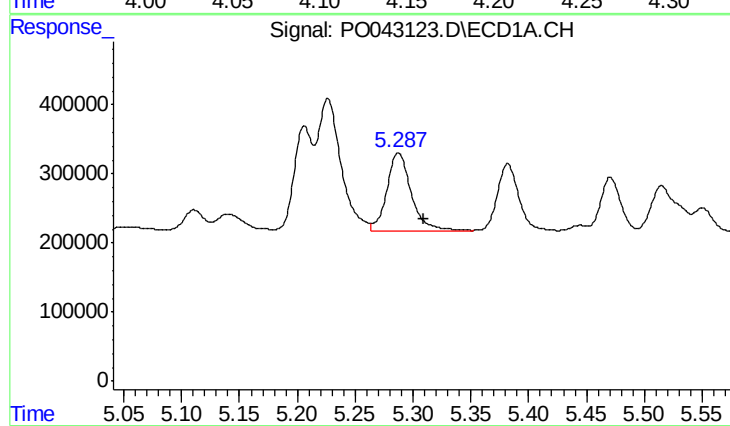
Manual Integrations  
APPROVED

ugo  
3/19/2018 9:43:12 AM



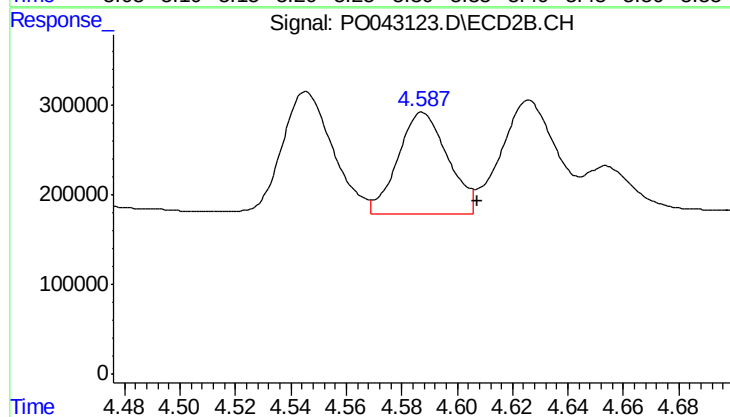
#3 AR-1016-1

R.T.: 4.153 min  
Delta R.T.: -0.018 min  
Response: 1519046  
Conc: 160.48 ng/ml



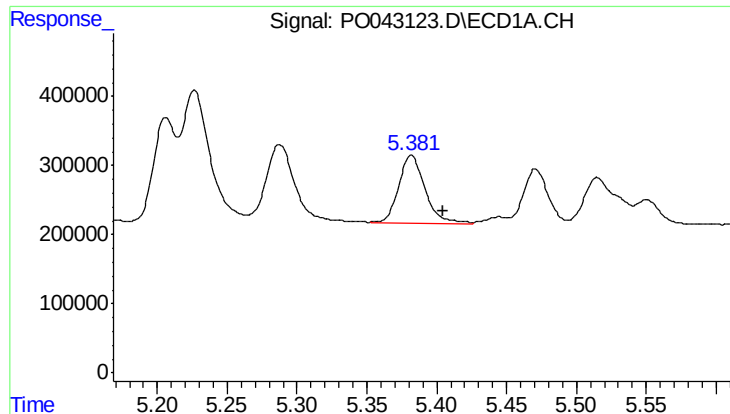
#4 AR-1016-2

R.T.: 5.288 min  
Delta R.T.: -0.022 min  
Response: 1719181  
Conc: 191.98 ng/ml



#4 AR-1016-2

R.T.: 4.587 min  
Delta R.T.: -0.020 min  
Response: 1404889  
Conc: 171.45 ng/ml m



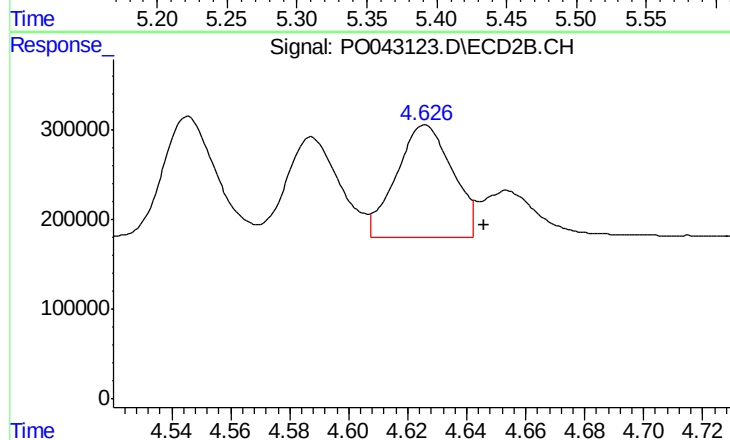
#5 AR-1016-3

R.T.: 5.382 min  
Delta R.T.: -0.023 min  
Response: 1313003  
Conc: 181.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB107379BS

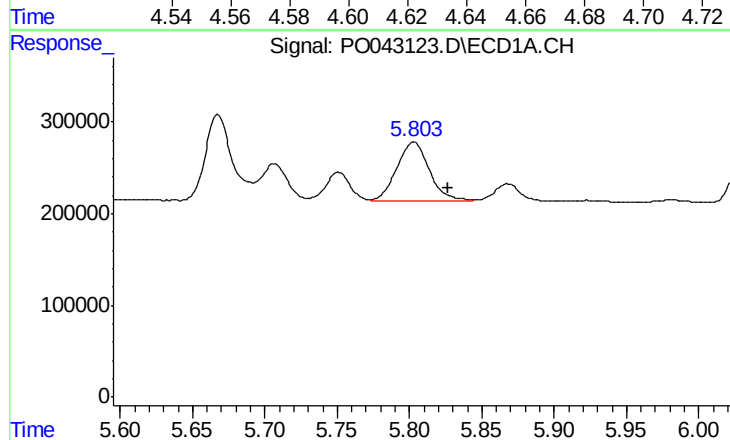
Manual Integrations  
APPROVED

ugo  
3/19/2018 9:43:12 AM



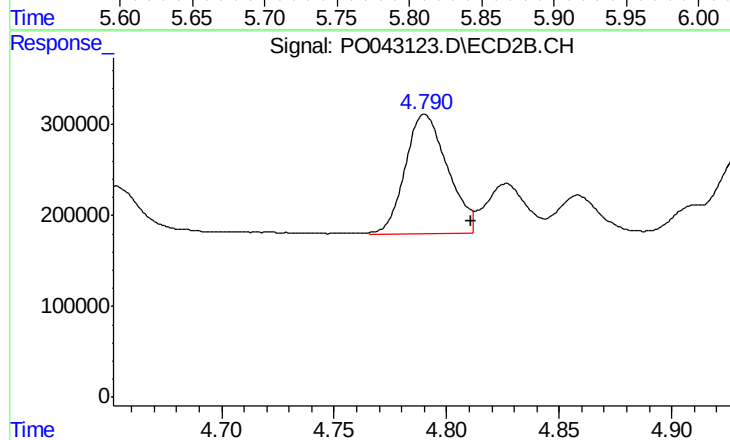
#5 AR-1016-3

R.T.: 4.626 min  
Delta R.T.: -0.020 min  
Response: 1659628  
Conc: 159.74 ng/ml m



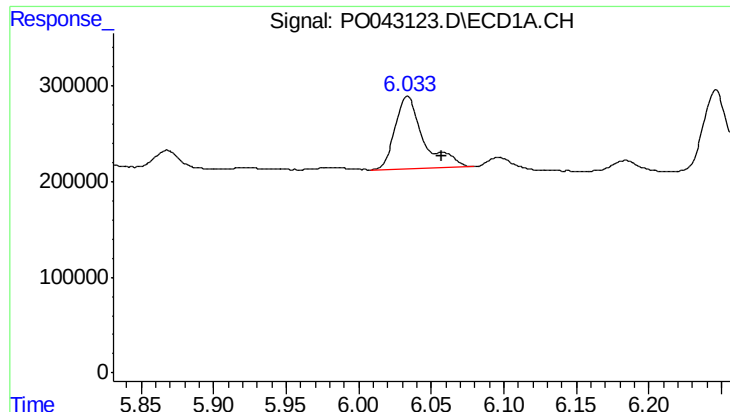
#6 AR-1016-4

R.T.: 5.803 min  
Delta R.T.: -0.024 min  
Response: 1003593  
Conc: 141.26 ng/ml



#6 AR-1016-4

R.T.: 4.790 min  
Delta R.T.: -0.021 min  
Response: 1709097  
Conc: 153.90 ng/ml m



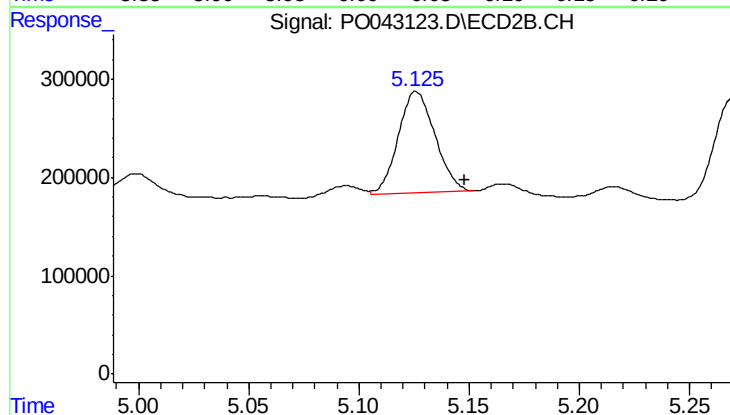
#7 AR-1016-5

R.T.: 6.034 min  
Delta R.T.: -0.024 min  
Response: 1041884  
Conc: 144.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB107379BS

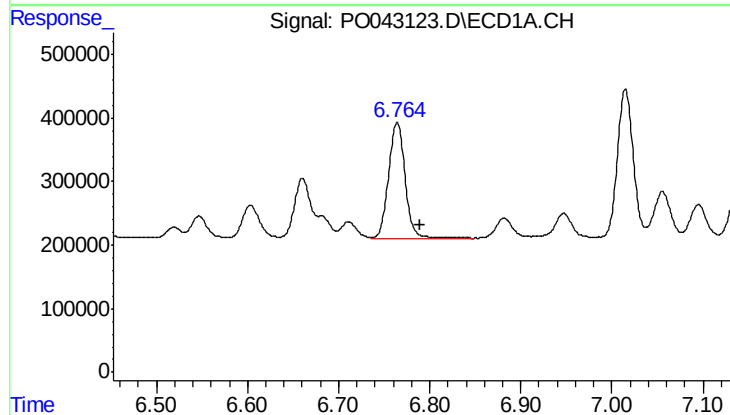
Manual Integrations  
APPROVED

ugo  
3/19/2018 9:43:12 AM



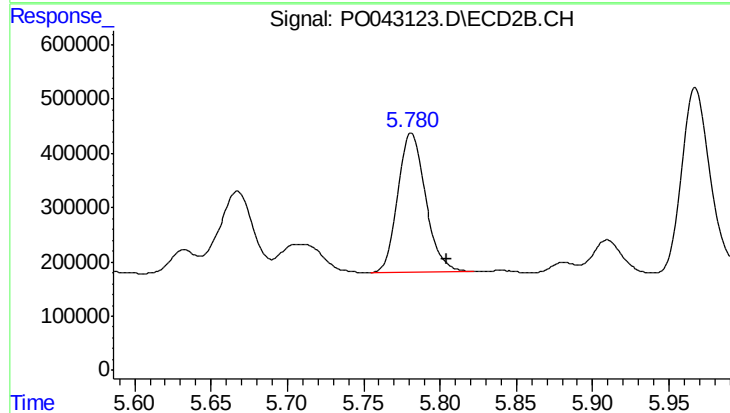
#7 AR-1016-5

R.T.: 5.126 min  
Delta R.T.: -0.022 min  
Response: 1190403  
Conc: 112.62 ng/ml



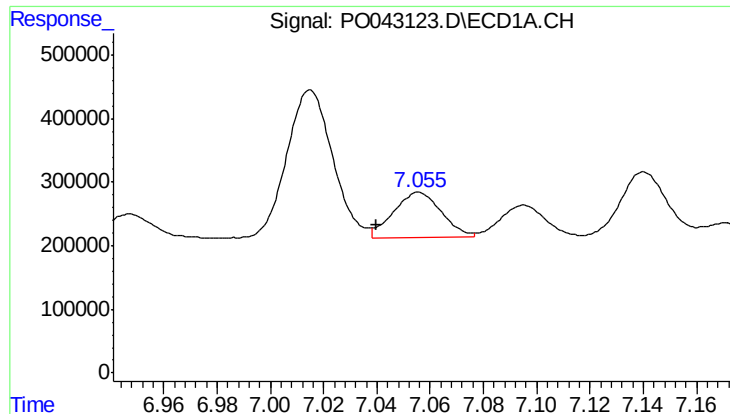
#31 AR-1260-1

R.T.: 6.764 min  
Delta R.T.: -0.025 min  
Response: 2302412  
Conc: 167.36 ng/ml



#31 AR-1260-1

R.T.: 5.781 min  
Delta R.T.: -0.024 min  
Response: 3298589  
Conc: 136.63 ng/ml



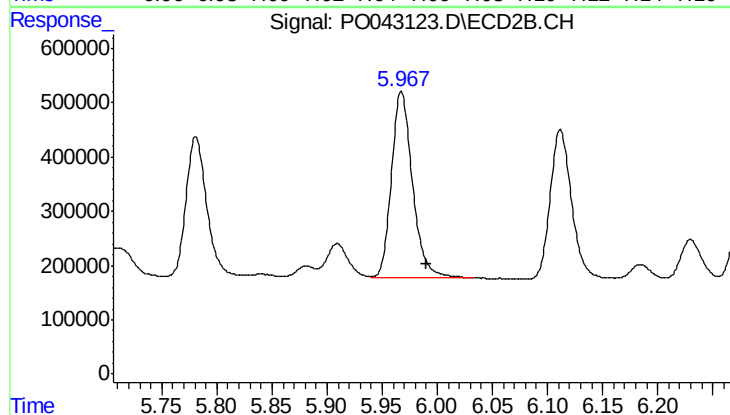
#32 AR-1260-2

R.T.: 7.056 min  
Delta R.T.: 0.016 min  
Response: 887655  
Conc: 48.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB107379BS

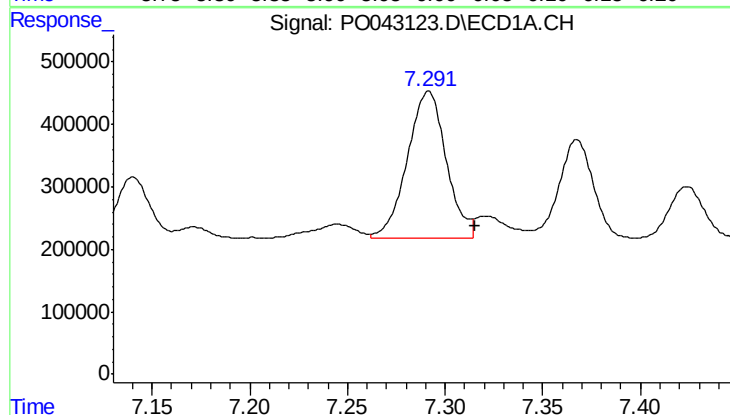
Manual Integrations  
APPROVED

ugo  
3/19/2018 9:43:12 AM



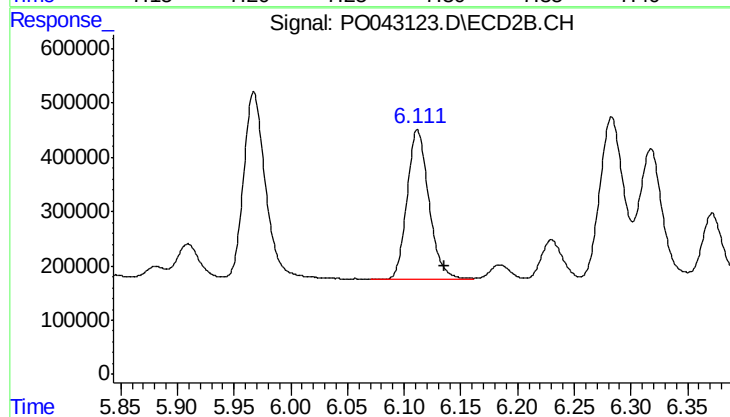
#32 AR-1260-2

R.T.: 5.967 min  
Delta R.T.: -0.023 min  
Response: 4524710  
Conc: 134.70 ng/ml



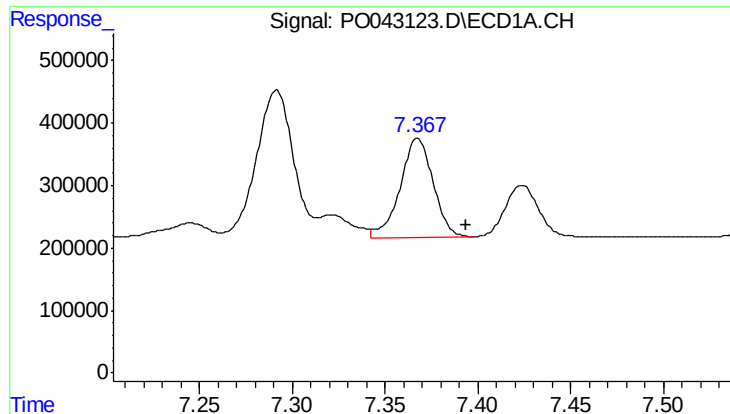
#33 AR-1260-3

R.T.: 7.291 min  
Delta R.T.: -0.024 min  
Response: 3305262  
Conc: 159.07 ng/ml m



#33 AR-1260-3

R.T.: 6.112 min  
Delta R.T.: -0.024 min  
Response: 3688712  
Conc: 129.58 ng/ml



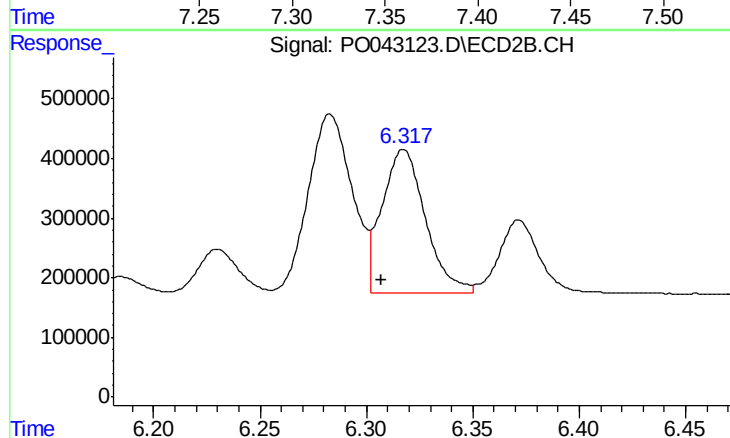
#34 AR-1260-4

R.T.: 7.368 min  
Delta R.T.: -0.026 min  
Response: 1982590  
Conc: 133.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB107379BS

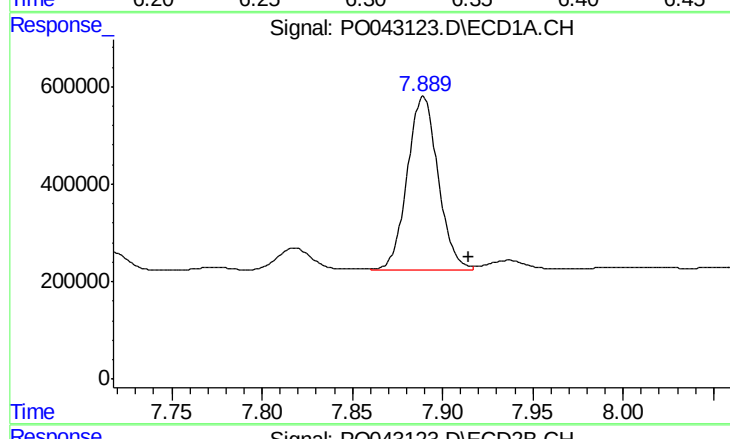
Manual Integrations  
APPROVED

ugo  
3/19/2018 9:43:12 AM



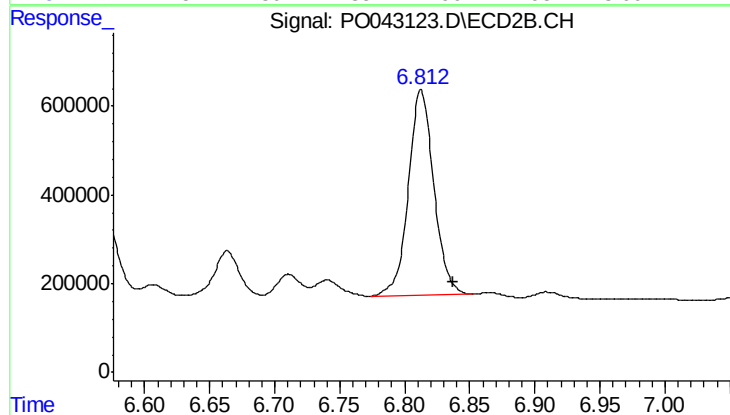
#34 AR-1260-4

R.T.: 6.317 min  
Delta R.T.: 0.010 min  
Response: 3425630  
Conc: 100.20 ng/ml



#35 AR-1260-5

R.T.: 7.889 min  
Delta R.T.: -0.026 min  
Response: 4202775  
Conc: 124.33 ng/ml m



#35 AR-1260-5

R.T.: 6.813 min  
Delta R.T.: -0.024 min  
Response: 6300664  
Conc: 93.10 ng/ml