

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042522\  
 Data File : PP046632.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Apr 2022 02:30  
 Operator : YP\AJ  
 Sample : N2549-03MSD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 S1MW-04-20220422MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/26/2022  
 Supervised By :mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 26 04:34:37 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042222.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 22 19:00:06 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... | 3.863 | 3.129  | 44338653 | 61027010 | 18.368   | 18.604    |
| 2)                          | SA Decachlor... | 9.943 | 8.446  | 29975692 | 51033956 | 20.371   | 21.395    |
| Target Compounds            |                 |       |        |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.107 | 4.238f | 35038060 | 58612818 | 465.303m | 510.188m  |
| 4)                          | L1 AR-1016-2    | 5.130 | 4.258f | 59566361 | 53456023 | 523.102m | 315.066m# |
| 5)                          | L1 AR-1016-3    | 5.197 | 4.461  | 40420595 | 40814545 | 565.440m | 466.210m  |
| 6)                          | L1 AR-1016-4    | 5.305 | 4.510  | 50306908 | 25894929 | 836.749m | 371.946 # |
| 7)                          | L1 AR-1016-5    | 5.618 | 4.733  | 21702215 | 37231710 | 409.884m | 437.749   |
| 31)                         | L7 AR-1260-1    | 6.845 | 5.833  | 42465347 | 89921974 | 503.207  | 565.101   |
| 32)                         | L7 AR-1260-2    | 7.128 | 6.040  | 53164772 | 121.8E6  | 527.997  | 598.858   |
| 33)                         | L7 AR-1260-3    | 7.521 | 6.200  | 34481138 | 104.0E6  | 425.631  | 608.979 # |
| 34)                         | L7 AR-1260-4    | 7.770 | 6.710  | 37765417 | 71594499 | 474.138  | 492.587   |
| 35)                         | L7 AR-1260-5    | 8.109 | 6.978  | 75172255 | 189.1E6  | 473.247  | 538.520   |
| -----                       |                 |       |        |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042522\  
Data File : PP046632.D  
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Acq On : 26 Apr 2022 02:30  
Operator : YP\AJ  
Sample : N2549-03MSD  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

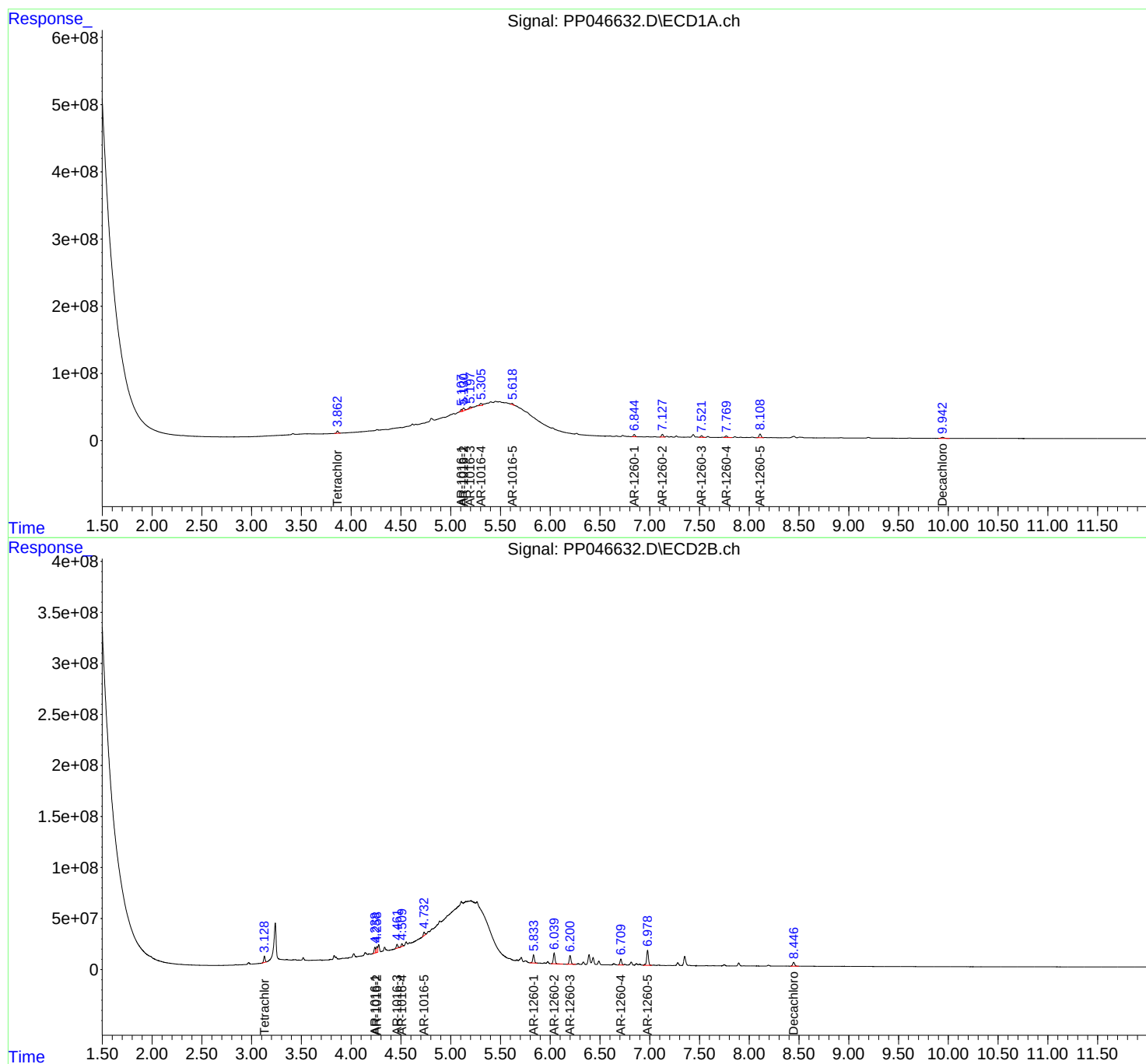
Instrument :  
ECD\_P  
ClientSampleId :  
S1MW-04-20220422MSD

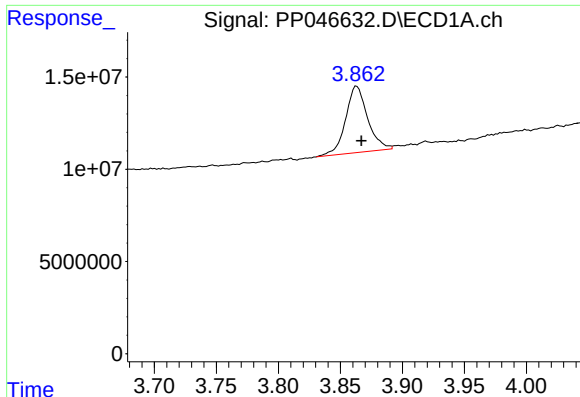
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Quant Time: Apr 26 04:34:37 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042222.M  
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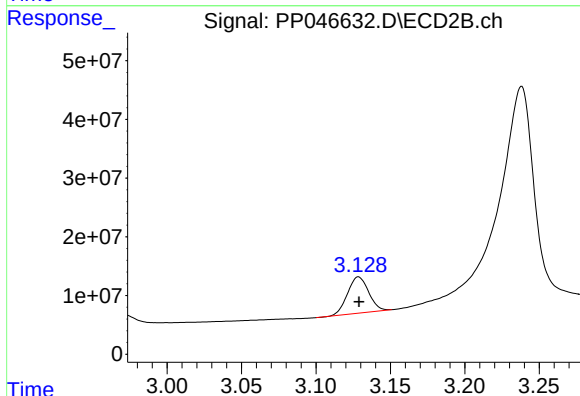
#1 Tetrachloro-m-xylene

R.T.: 3.863 min  
Delta R.T.: -0.004 min  
Response: 44338653  
Conc: 18.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S1MW-04-20220422MSD

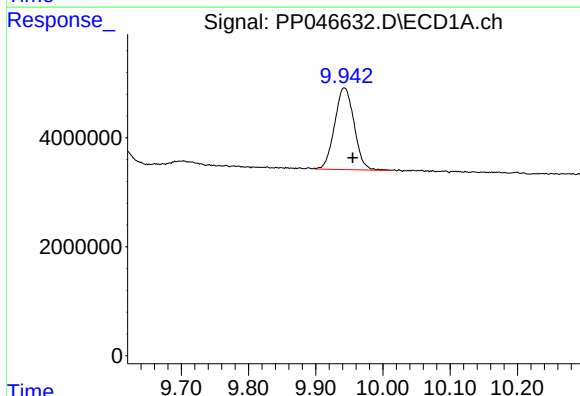
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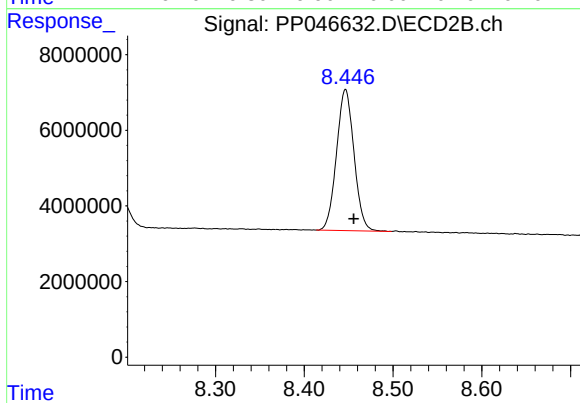
#1 Tetrachloro-m-xylene

R.T.: 3.129 min  
Delta R.T.: 0.000 min  
Response: 61027010  
Conc: 18.60 ng/ml



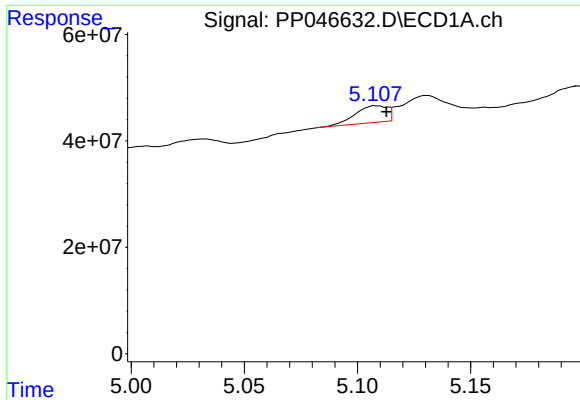
#2 Decachlorobiphenyl

R.T.: 9.943 min  
Delta R.T.: -0.013 min  
Response: 29975692  
Conc: 20.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.446 min  
Delta R.T.: -0.009 min  
Response: 51033956  
Conc: 21.40 ng/ml



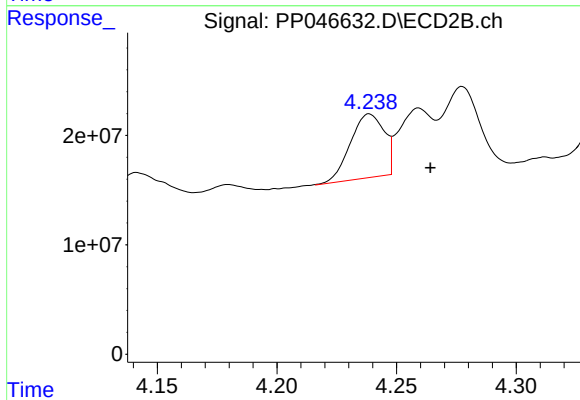
#3 AR-1016-1

R.T.: 5.107 min  
Delta R.T.: -0.006 min  
Response: 35038060  
Conc: 465.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
S1MW-04-20220422MSD

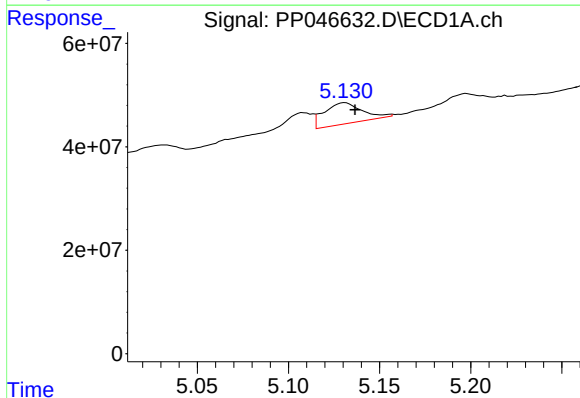
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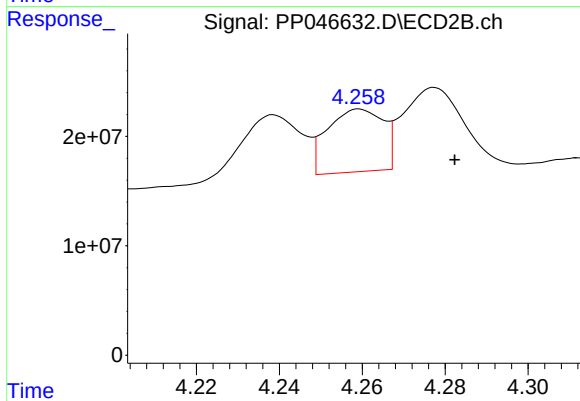
#3 AR-1016-1

R.T.: 4.238 min  
Delta R.T.: -0.026 min  
Response: 58612818  
Conc: 510.19 ng/ml



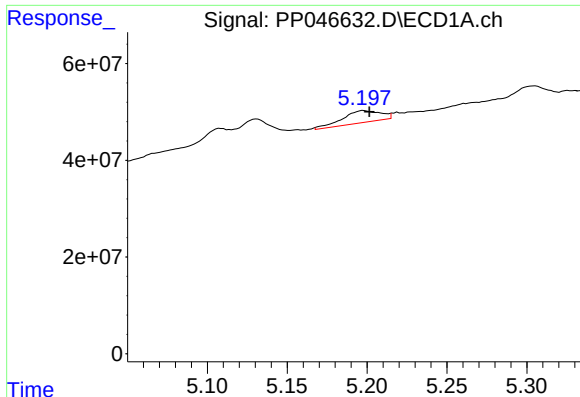
#4 AR-1016-2

R.T.: 5.130 min  
Delta R.T.: -0.007 min  
Response: 59566361  
Conc: 523.10 ng/ml



#4 AR-1016-2

R.T.: 4.258 min  
Delta R.T.: -0.024 min  
Response: 53456023  
Conc: 315.07 ng/ml



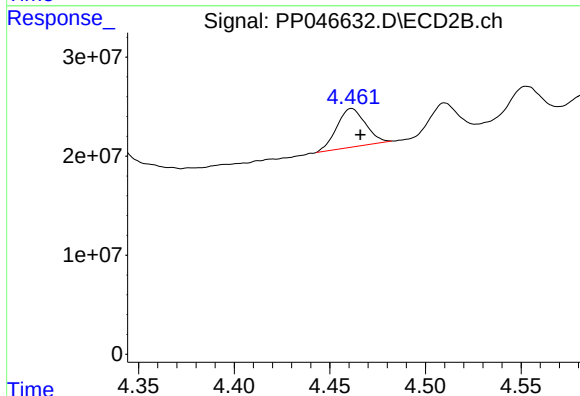
#5 AR-1016-3

R.T.: 5.197 min  
Delta R.T.: -0.005 min  
Response: 40420595  
Conc: 565.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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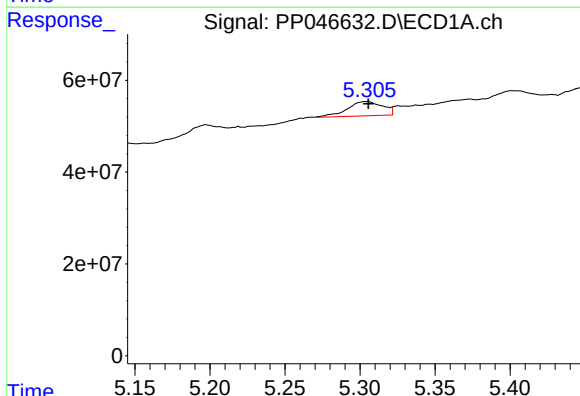
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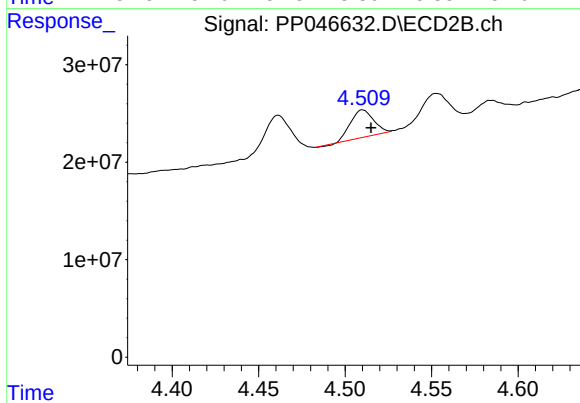
#5 AR-1016-3

R.T.: 4.461 min  
Delta R.T.: -0.005 min  
Response: 40814545  
Conc: 466.21 ng/ml m



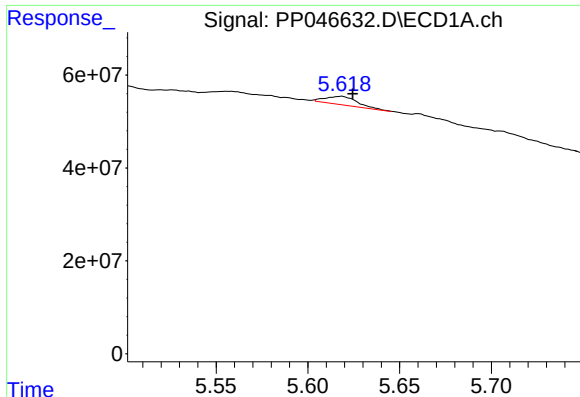
#6 AR-1016-4

R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 50306908  
Conc: 836.75 ng/ml m



#6 AR-1016-4

R.T.: 4.510 min  
Delta R.T.: -0.005 min  
Response: 25894929  
Conc: 371.95 ng/ml



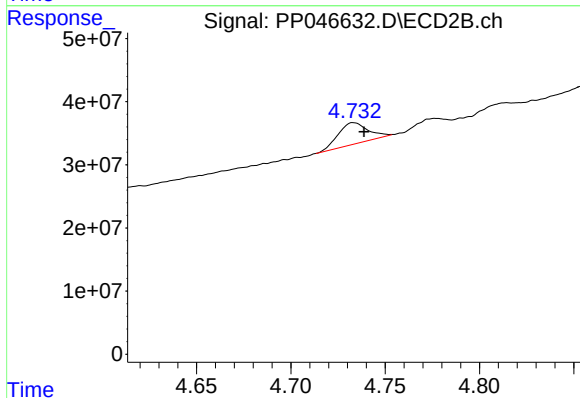
#7 AR-1016-5

R.T.: 5.618 min  
Delta R.T.: -0.006 min  
Response: 21702215  
Conc: 409.88 ng/ml

Instrument :  
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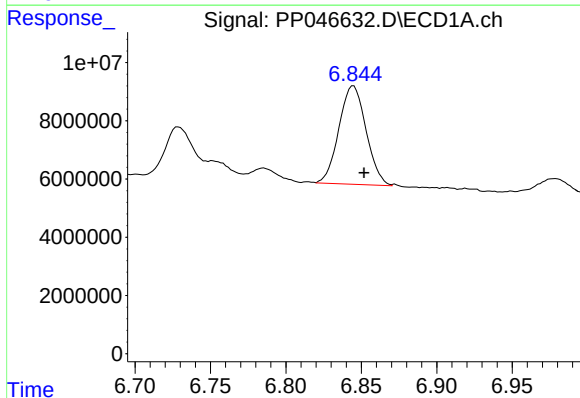
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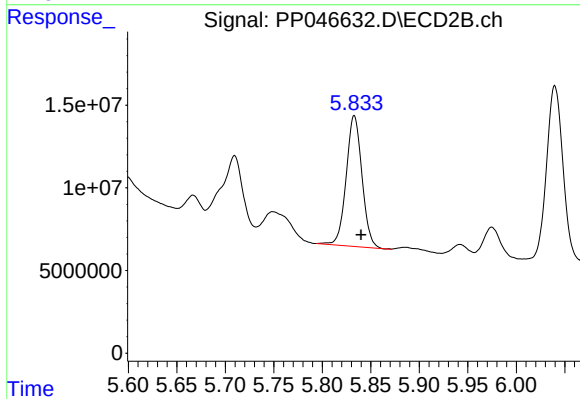
#7 AR-1016-5

R.T.: 4.733 min  
Delta R.T.: -0.005 min  
Response: 37231710  
Conc: 437.75 ng/ml



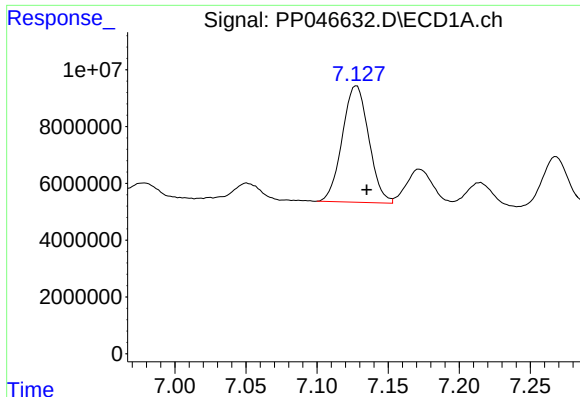
#31 AR-1260-1

R.T.: 6.845 min  
Delta R.T.: -0.007 min  
Response: 42465347  
Conc: 503.21 ng/ml



#31 AR-1260-1

R.T.: 5.833 min  
Delta R.T.: -0.007 min  
Response: 89921974  
Conc: 565.10 ng/ml



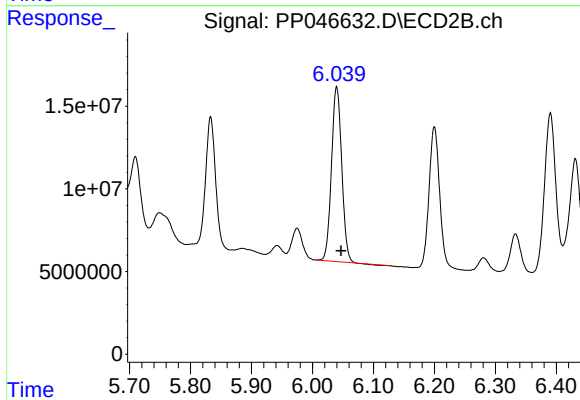
#32 AR-1260-2

R.T.: 7.128 min  
Delta R.T.: -0.007 min  
Response: 53164772  
Conc: 528.00 ng/ml

Instrument :  
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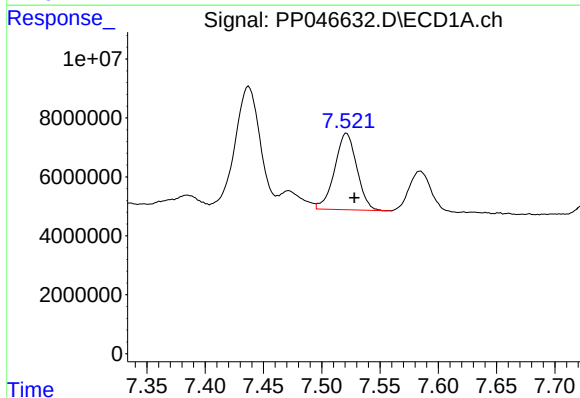
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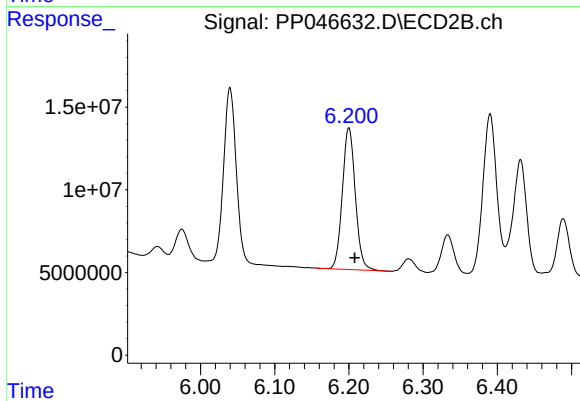
#32 AR-1260-2

R.T.: 6.040 min  
Delta R.T.: -0.007 min  
Response: 121816789  
Conc: 598.86 ng/ml



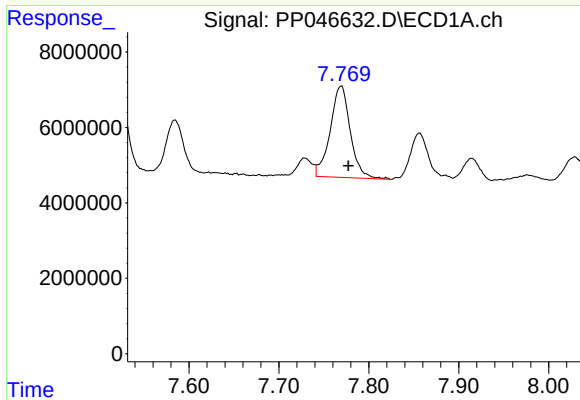
#33 AR-1260-3

R.T.: 7.521 min  
Delta R.T.: -0.007 min  
Response: 34481138  
Conc: 425.63 ng/ml



#33 AR-1260-3

R.T.: 6.200 min  
Delta R.T.: -0.008 min  
Response: 104023522  
Conc: 608.98 ng/ml



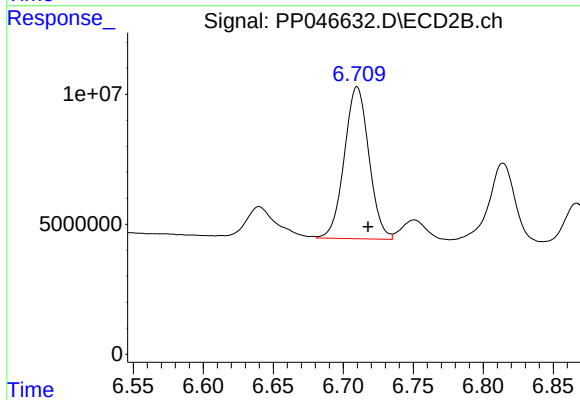
#34 AR-1260-4

R.T.: 7.770 min  
Delta R.T.: -0.008 min  
Response: 37765417  
Conc: 474.14 ng/ml

Instrument :  
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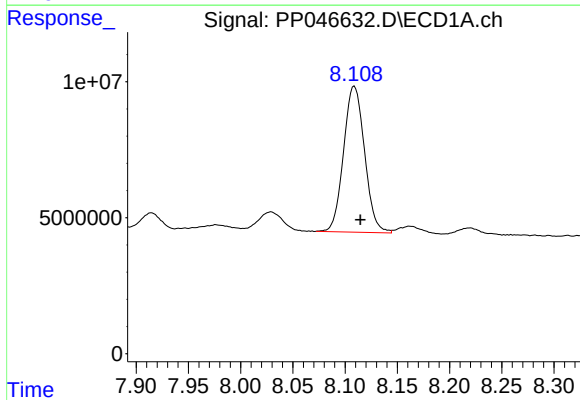
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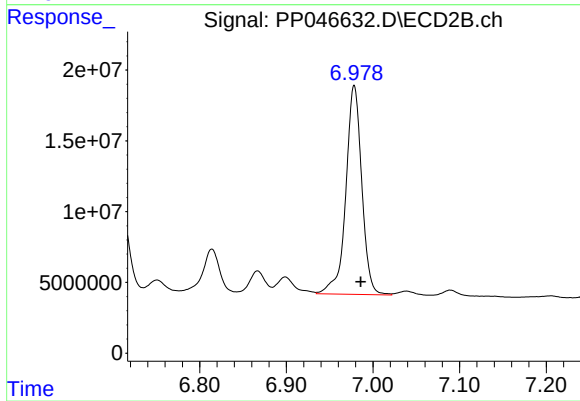
#34 AR-1260-4

R.T.: 6.710 min  
Delta R.T.: -0.008 min  
Response: 71594499  
Conc: 492.59 ng/ml



#35 AR-1260-5

R.T.: 8.109 min  
Delta R.T.: -0.006 min  
Response: 75172255  
Conc: 473.25 ng/ml



#35 AR-1260-5

R.T.: 6.978 min  
Delta R.T.: -0.008 min  
Response: 189087433  
Conc: 538.52 ng/ml