

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071625\
 Data File : PQ070548.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 13:37
 Operator : YP\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR16603182

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 16:27:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071425CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 14 15:40:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.419	2.777	132.7E6	146.6E6	22.366m	22.209m
2) SA Decachlor...	8.527	7.543	132.4E6	215.4E6	43.049m	37.334m
Target Compounds						
3) L1 AR-1016-1	4.502	3.779	74917319	89593627	427.666	418.411
4) L1 AR-1016-2	4.520	3.795	110.5E6	132.0E6	405.288m	408.551
5) L1 AR-1016-3	4.579	3.955	75925933	73910855	437.268	403.490
6) L1 AR-1016-4	4.669	4.004	60479177	62744764	430.497	387.264
7) L1 AR-1016-5	4.954	4.199	57341321	76581733	416.051	394.033
31) L7 AR-1260-1	6.044	5.193	110.9E6	149.6E6	442.570m	414.747
32) L7 AR-1260-2	6.299	5.382	126.1E6	162.8E6	422.469m	374.377
33) L7 AR-1260-3	6.651	5.524	91602109	158.0E6	407.712m	376.509
34) L7 AR-1260-4	6.865	5.985	111.6E6	137.3E6	443.327m	369.841
35) L7 AR-1260-5	7.172	6.229	218.5E6	314.2E6	435.619	372.141

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

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Acq On : 16 Jul 2025 13:37
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

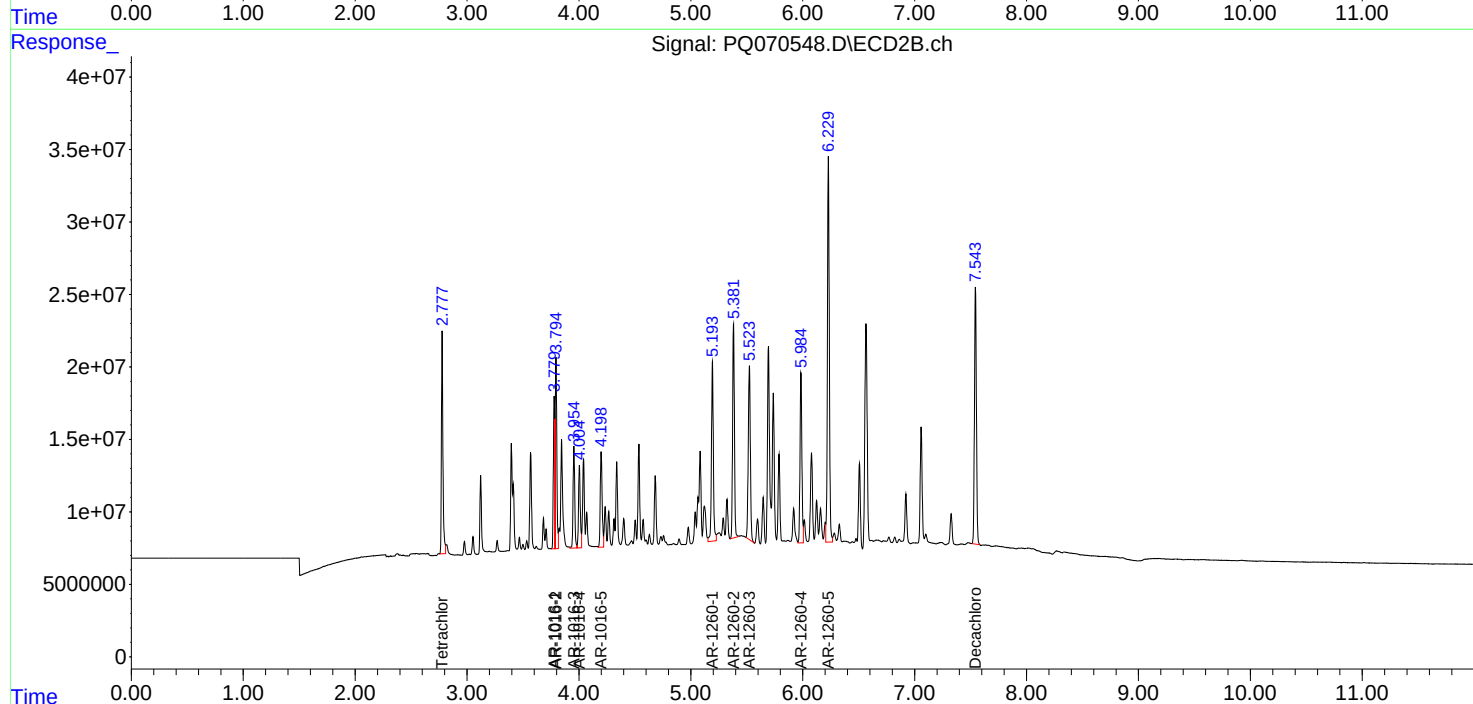
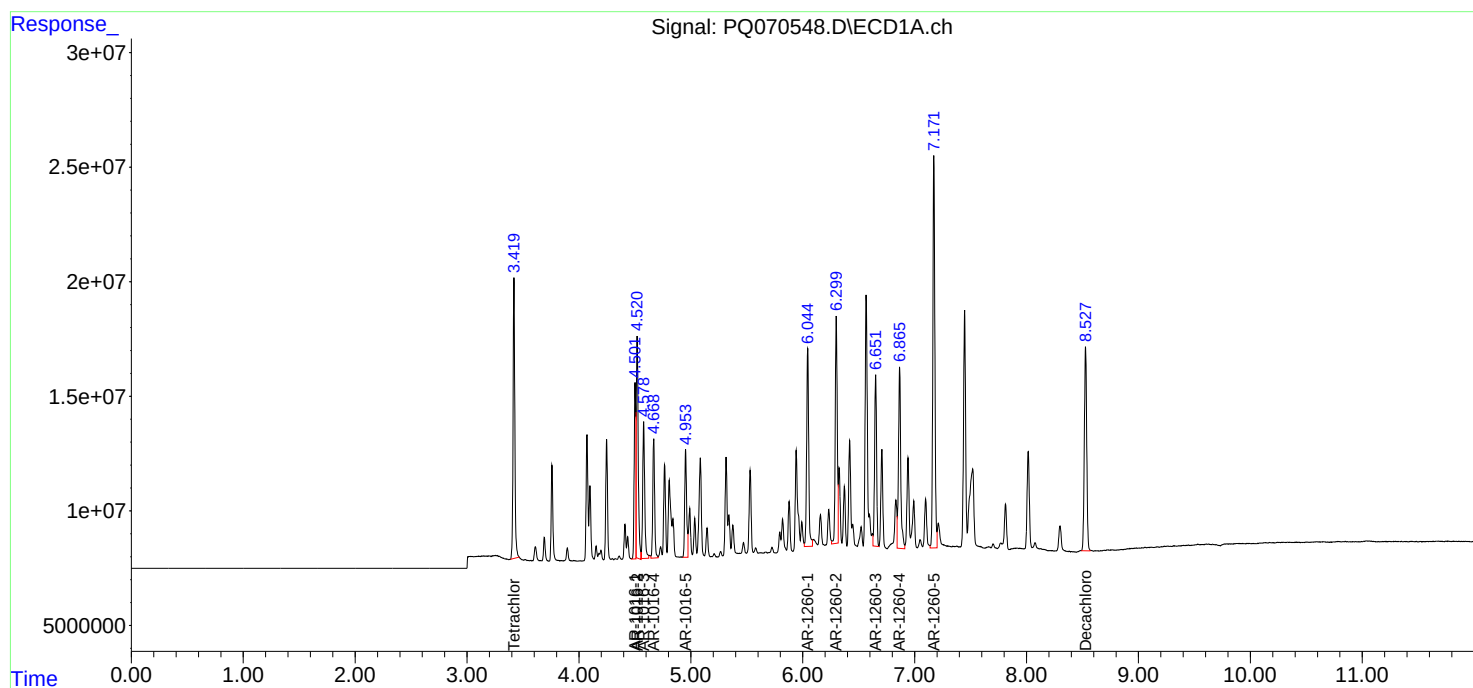
Instrument :
ECD_Q
ClientSampleId :
AR16603182

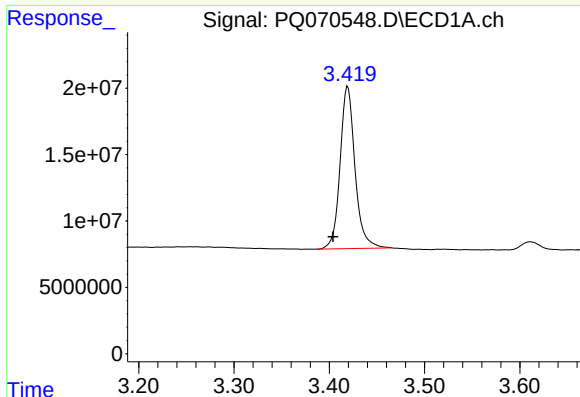
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.015 min
Response: 132655440
Conc: 22.37 ng/ml

Instrument :

ECD_Q

ClientSampleId :

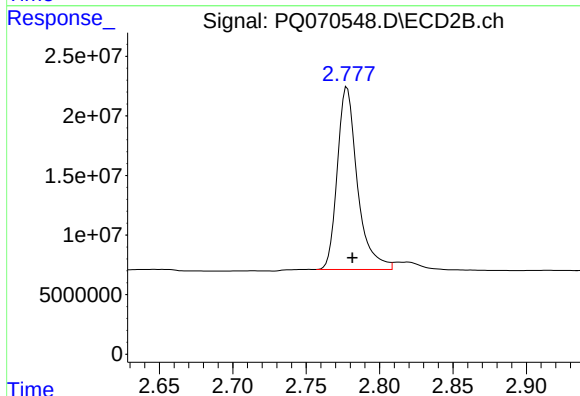
AR16603182

Manual Integrations

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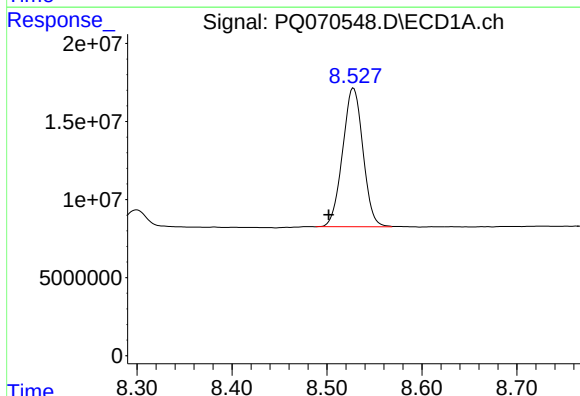
Reviewed By :Yogesh Patel 07/17/2025

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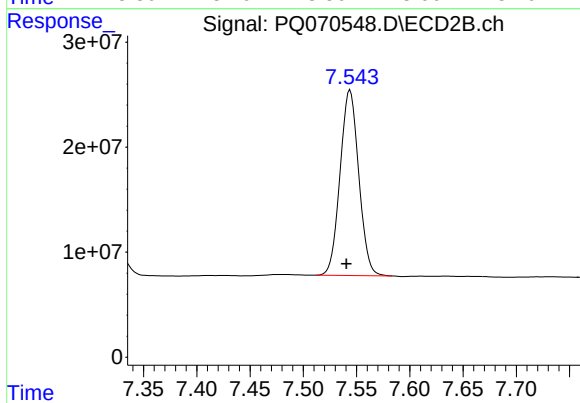
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: -0.004 min
Response: 146619291
Conc: 22.21 ng/ml m



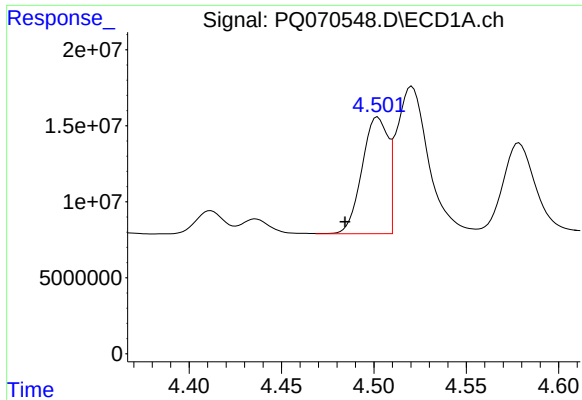
#2 Decachlorobiphenyl

R.T.: 8.527 min
Delta R.T.: 0.025 min
Response: 132381187
Conc: 43.05 ng/ml m



#2 Decachlorobiphenyl

R.T.: 7.543 min
Delta R.T.: 0.003 min
Response: 215365035
Conc: 37.33 ng/ml m



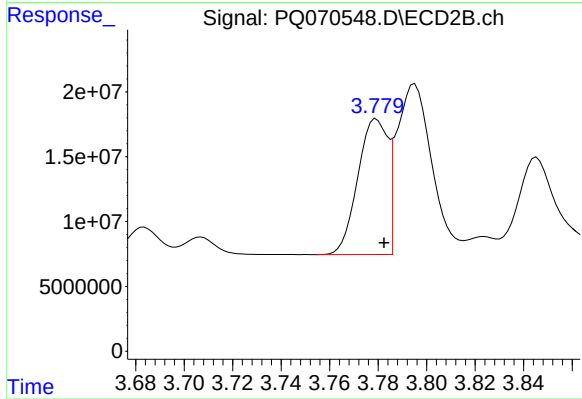
#3 AR-1016-1

R.T.: 4.502 min
Delta R.T.: 0.018 min
Response: 74917319
Conc: 427.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR16603182

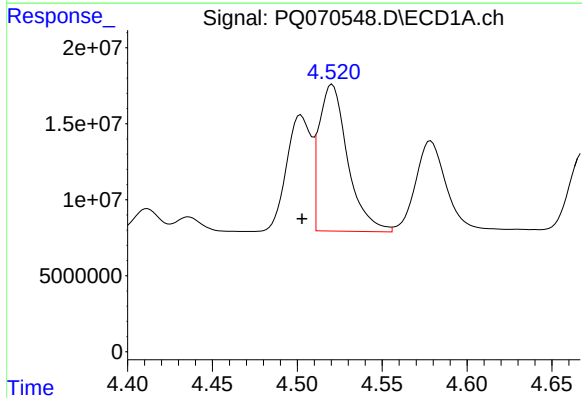
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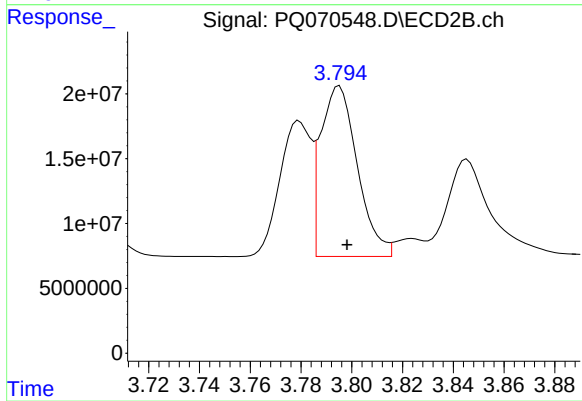
#3 AR-1016-1

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 89593627
Conc: 418.41 ng/ml



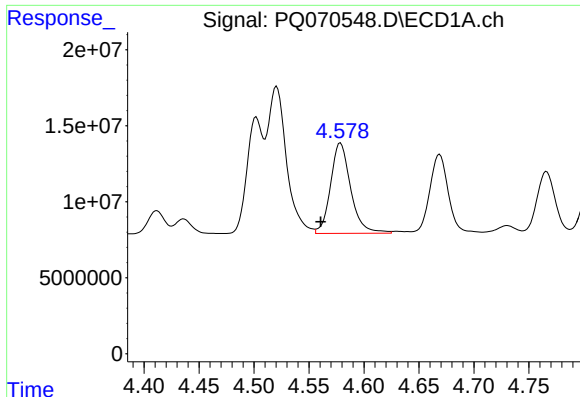
#4 AR-1016-2

R.T.: 4.520 min
Delta R.T.: 0.017 min
Response: 110512516
Conc: 405.29 ng/ml m



#4 AR-1016-2

R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 131970332
Conc: 408.55 ng/ml



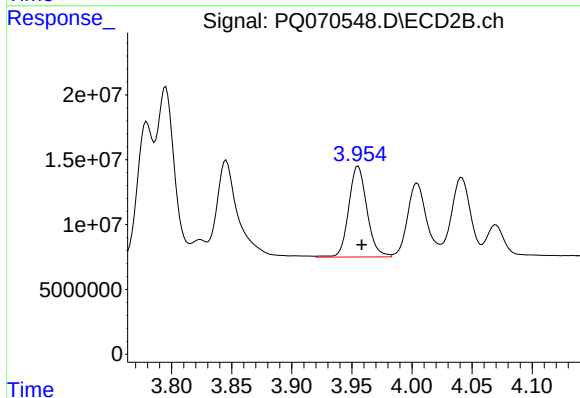
#5 AR-1016-3

R.T.: 4.579 min
Delta R.T.: 0.018 min
Response: 75925933
Conc: 437.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR16603182

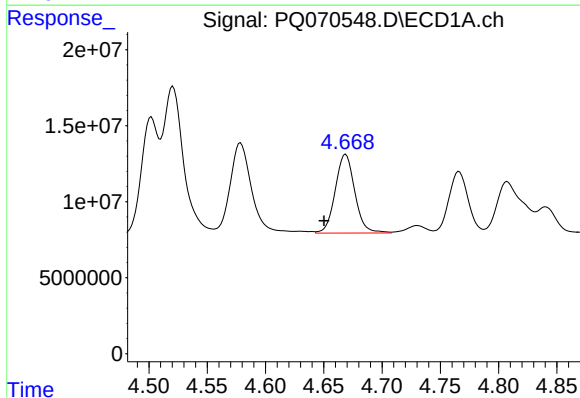
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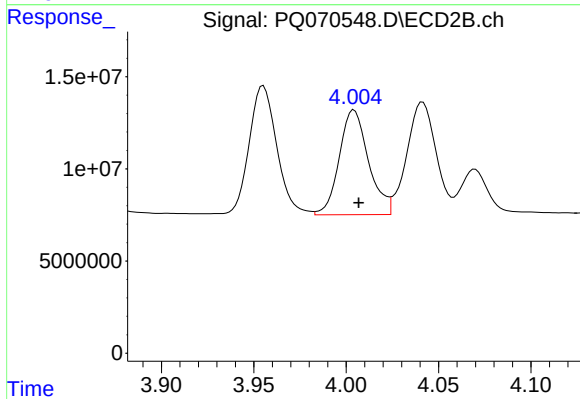
#5 AR-1016-3

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 73910855
Conc: 403.49 ng/ml



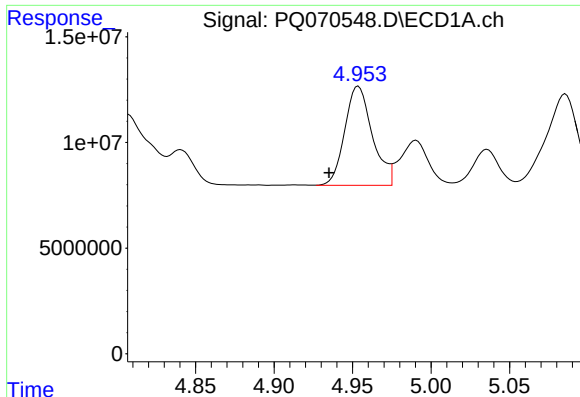
#6 AR-1016-4

R.T.: 4.669 min
Delta R.T.: 0.018 min
Response: 60479177
Conc: 430.50 ng/ml



#6 AR-1016-4

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 62744764
Conc: 387.26 ng/ml



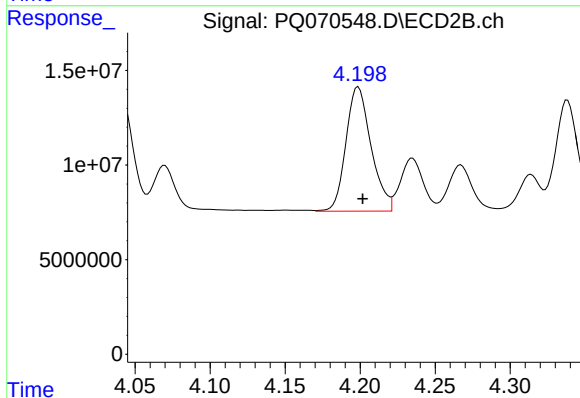
#7 AR-1016-5

R.T.: 4.954 min
Delta R.T.: 0.019 min
Response: 57341321
Conc: 416.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR16603182

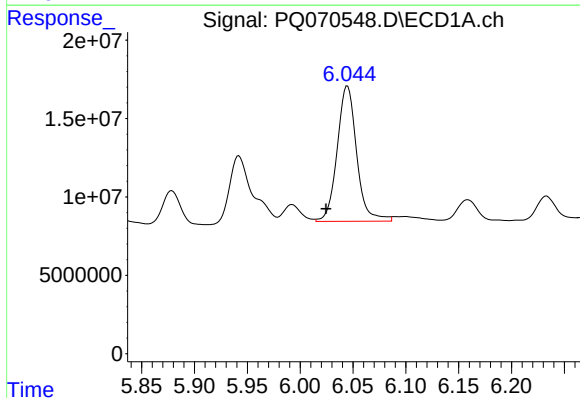
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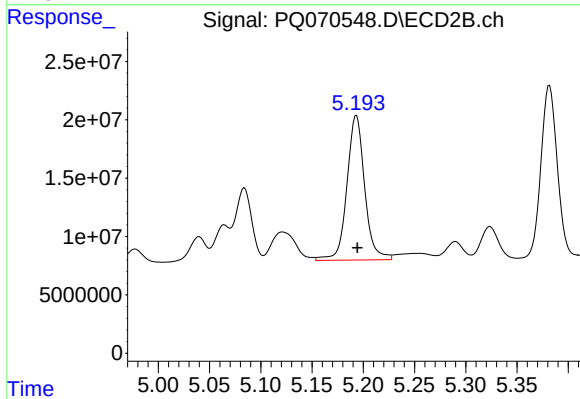
#7 AR-1016-5

R.T.: 4.199 min
Delta R.T.: -0.003 min
Response: 76581733
Conc: 394.03 ng/ml



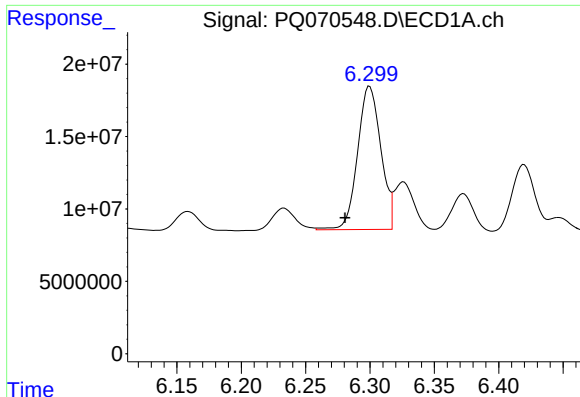
#31 AR-1260-1

R.T.: 6.044 min
Delta R.T.: 0.020 min
Response: 110902740
Conc: 442.57 ng/ml m



#31 AR-1260-1

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 149611274
Conc: 414.75 ng/ml



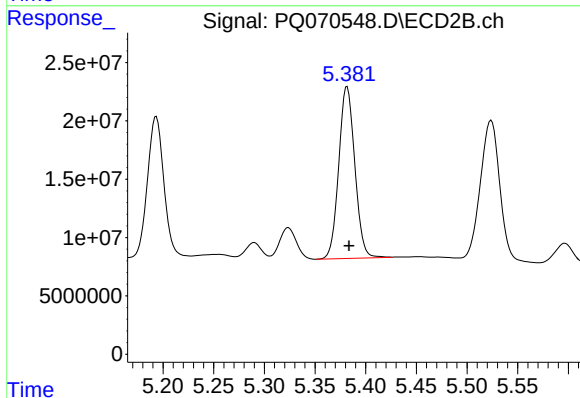
#32 AR-1260-2

R.T.: 6.299 min
Delta R.T.: 0.018 min
Response: 126073728
Conc: 422.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR16603182

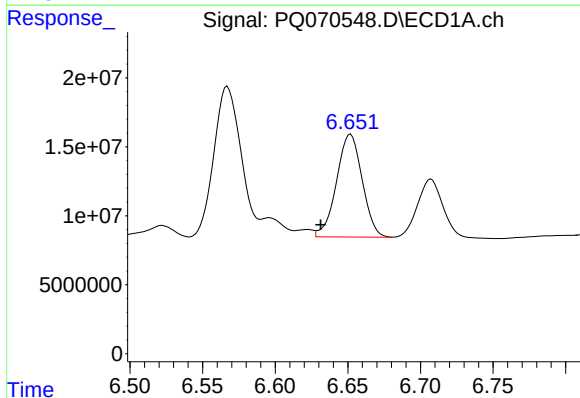
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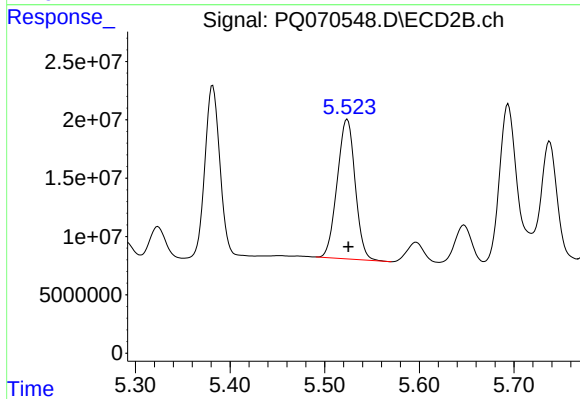
#32 AR-1260-2

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 162795847
Conc: 374.38 ng/ml



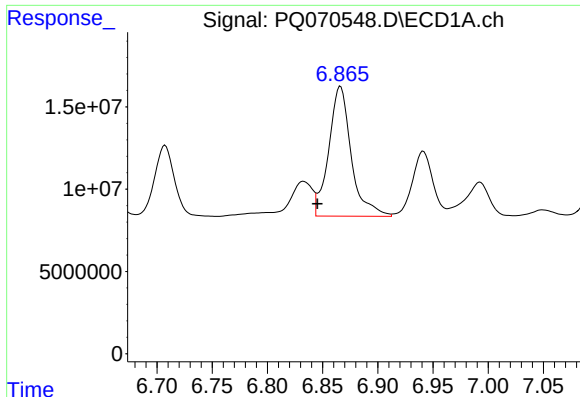
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: 0.020 min
Response: 91602109
Conc: 407.71 ng/ml m



#33 AR-1260-3

R.T.: 5.524 min
Delta R.T.: -0.001 min
Response: 158005473
Conc: 376.51 ng/ml



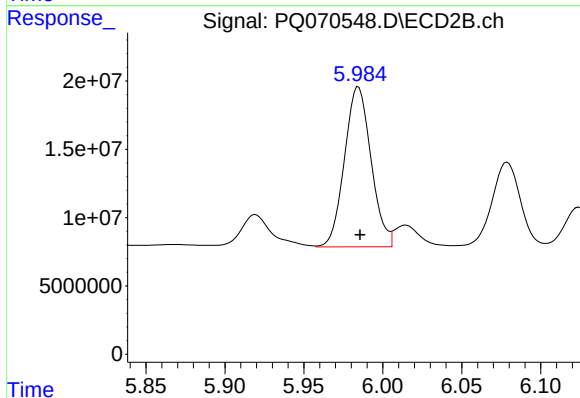
#34 AR-1260-4

R.T.: 6.865 min
Delta R.T.: 0.020 min
Response: 111585088
Conc: 443.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR16603182

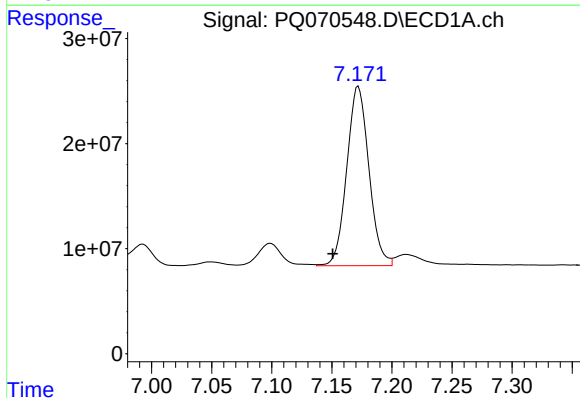
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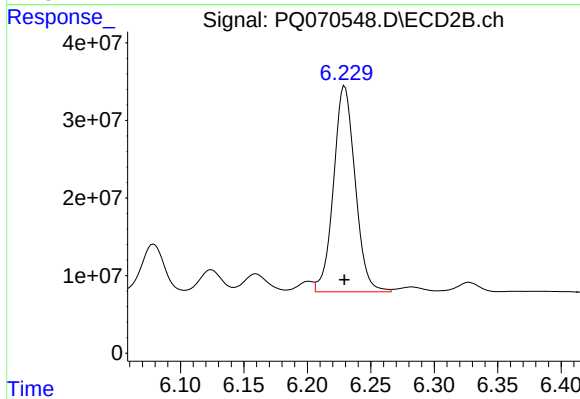
#34 AR-1260-4

R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 137258282
Conc: 369.84 ng/ml



#35 AR-1260-5

R.T.: 7.172 min
Delta R.T.: 0.021 min
Response: 218495772
Conc: 435.62 ng/ml



#35 AR-1260-5

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 314160313
Conc: 372.14 ng/ml