

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD022422\
 Data File : PD068169.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2022 12:33
 Operator : AR\AJ
 Sample : N1650-03MS 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 NW-SURFICIAL-SOIL-(NW-SS)MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/25/2022
 Supervised By :Ankita Jodhani 02/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 01:02:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 22 13:16:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.450	4.174	5820472	40774369	3.998	4.409m
2) SA Decachlor...	8.213	9.369	5610289	24488134	3.915	4.919 #
Target Compounds						
2) A alpha-BHC	3.890	4.572	18286280	130.5E6	8.226	9.871
3) MA gamma-BHC...	4.174	4.861	18296553	120.4E6	8.953	10.138m
4) MA Heptachlor	4.473	5.389	17724600	108.5E6	9.130	10.612
5) MB Aldrin	4.720	5.702	17572107	116.4E6	8.126	10.111
6) B beta-BHC	4.423	5.024	8609923	50660672	10.106	9.791
7) B delta-BHC	4.627	5.250	17287284	121.2E6	8.435	10.236
8) B Heptachlo...	5.165	6.090	17145325	110.3E6	8.796	10.926
9) A Endosulfan I	5.502	6.453	16069909	98942917	8.964m	11.036
10) B gamma-Chl...	5.391	6.326	20807474	111.4E6	10.462	11.353
11) B alpha-Chl...	5.450	6.402	18789215	109.5E6	9.609	11.430
12) B 4,4'-DDE	5.616	6.551	18403664	110.3E6	10.103	12.207
13) MA Dieldrin	5.747	6.711	20619133	94954828	10.396	9.874
14) MA Endrin	6.005	6.930	15673321	72852407	9.553	10.165
15) B Endosulfa...	6.277	7.136	15351293	76184553	9.132m	9.976
16) A 4,4'-DDD	6.133	7.041	19723464	108.9E6	12.867	15.531
17) MA 4,4'-DDT	6.373	7.344	19408251	94365304	14.107	16.644
18) B Endrin al...	6.448	7.259	10808893	55190344	9.791	10.657
19) B Endosulfa...	6.661	7.484	14725282	68783061	9.366	10.066
20) A Methoxychlor	6.924	7.797	6058130	27637512	7.786m	10.212 #
21) B Endrin ke...	7.154	7.960	14680083	71260298	8.216	9.914
22) Mirex	7.340	8.426	14348758	62965187	10.039	12.561 #

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

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Data File : PD068169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2022 12:33
Operator : AR\AJ
Sample : N1650-03MS 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

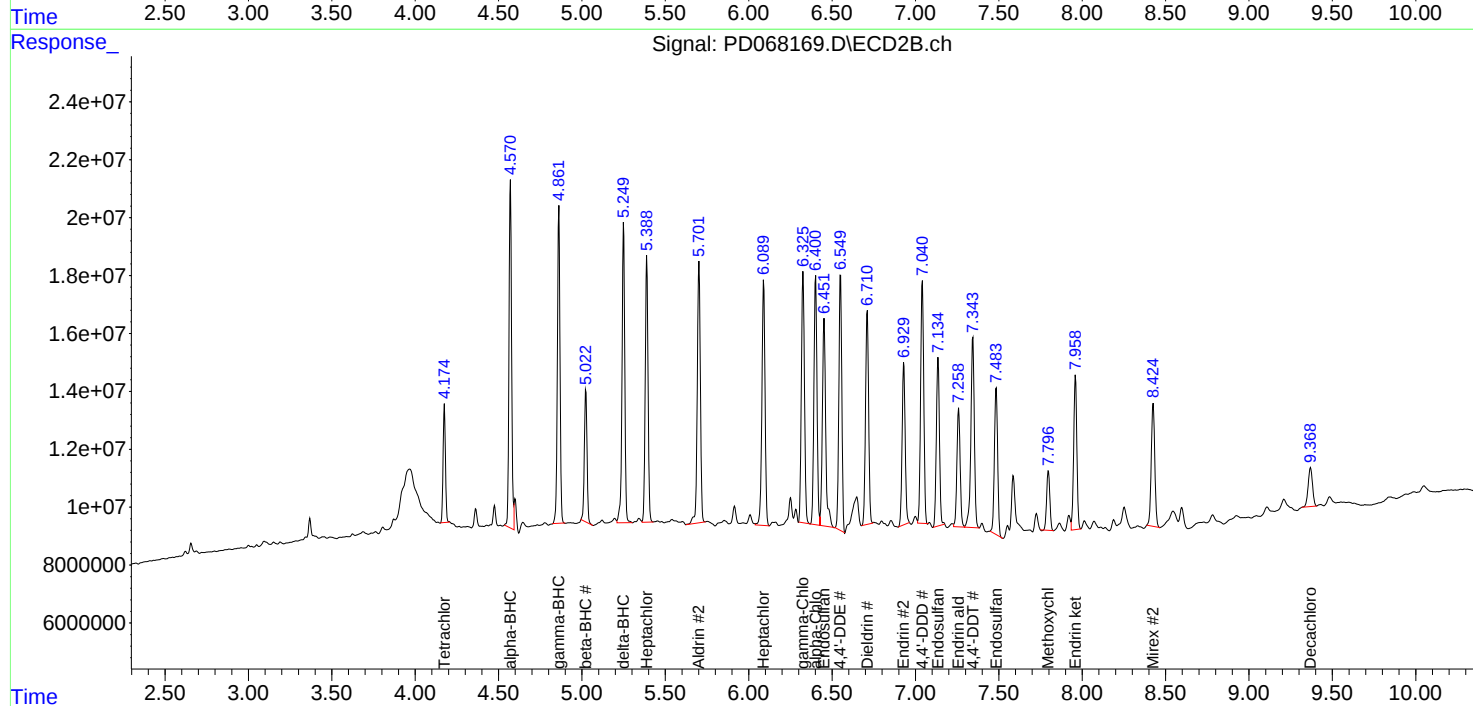
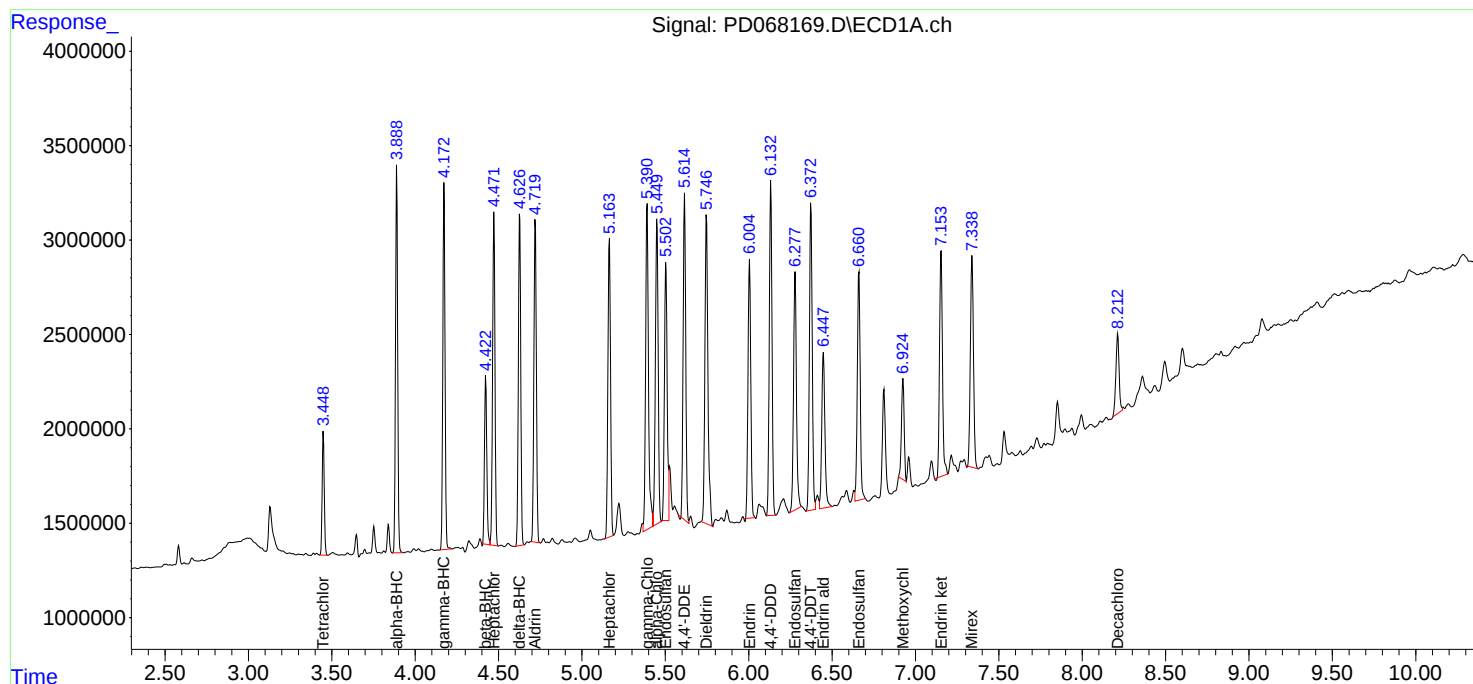
Instrument :
ECD_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MS

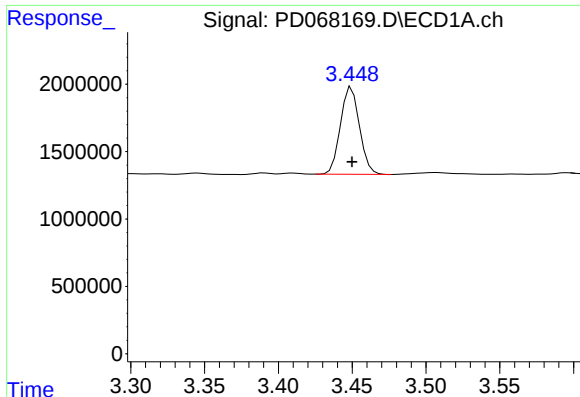
Manual Integrations
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Supervised By :Ankita Jodhani 02/25/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 01:02:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD022222.M
Quant Title : GC Extractables
QLast Update : Tue Feb 22 13:16:10 2022
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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





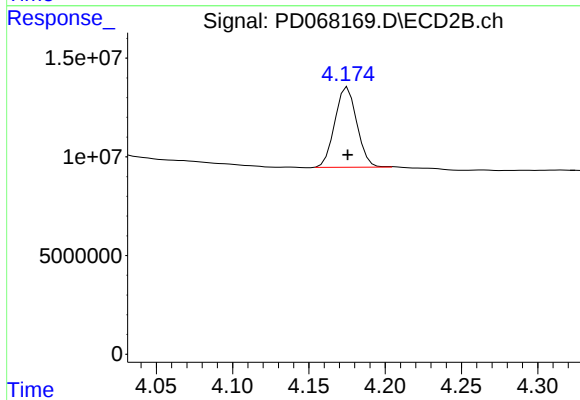
#1 Tetrachloro-m-xylene

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 5820472
Conc: 4.00 ng/ml

Instrument :
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ClientSampleId :
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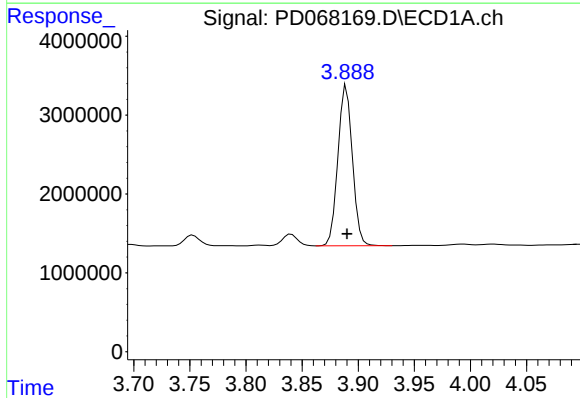
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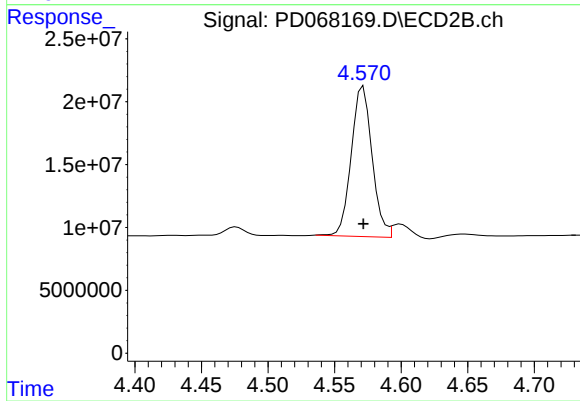
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 40774369
Conc: 4.41 ng/ml m



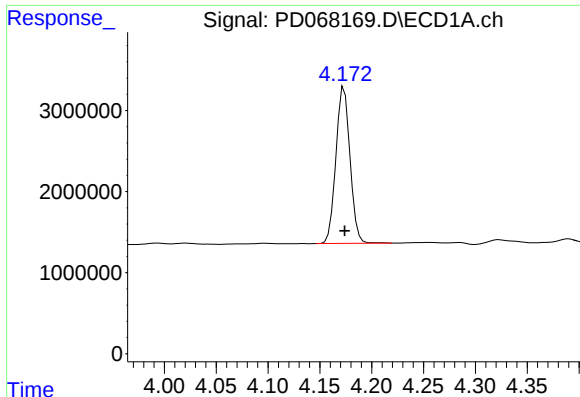
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 18286280
Conc: 8.23 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 130484913
Conc: 9.87 ng/ml



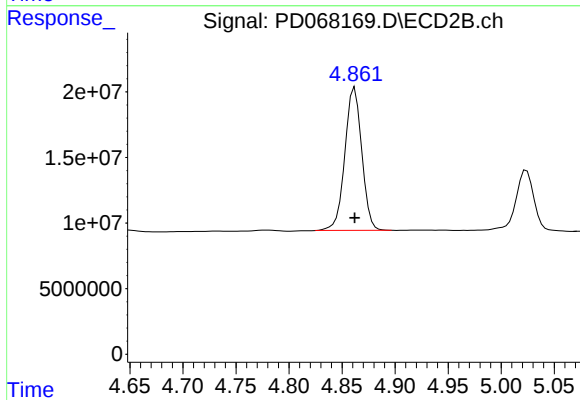
#3 gamma-BHC (Lindane)

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 18296553
Conc: 8.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
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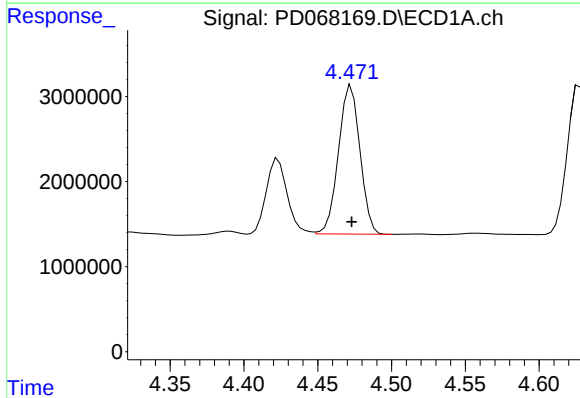
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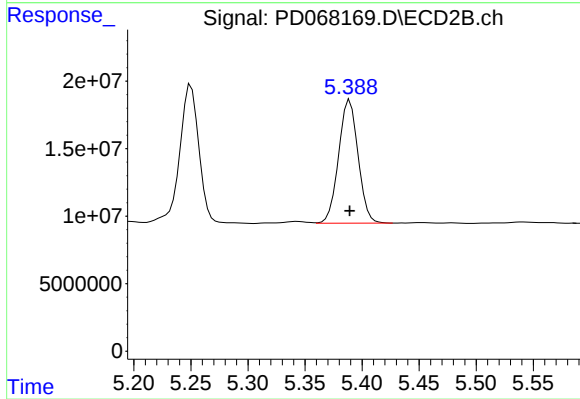
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: -0.001 min
Response: 120372735
Conc: 10.14 ng/ml m



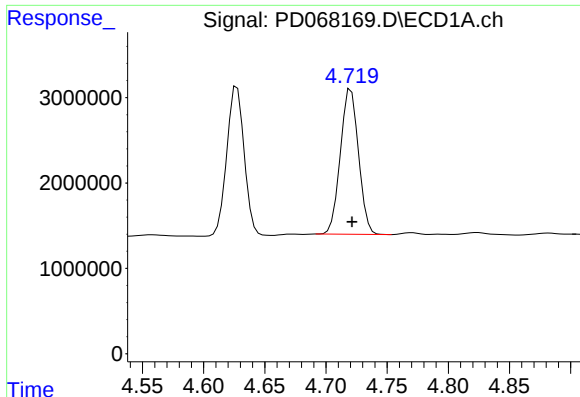
#4 Heptachlor

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 17724600
Conc: 9.13 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 108479911
Conc: 10.61 ng/ml



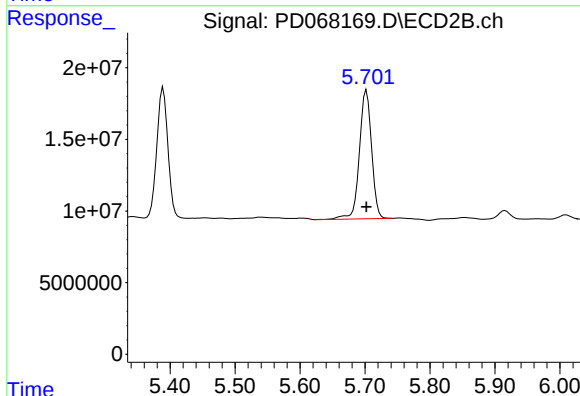
#5 Aldrin

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 17572107
Conc: 8.13 ng/ml

Instrument :
ECD_D
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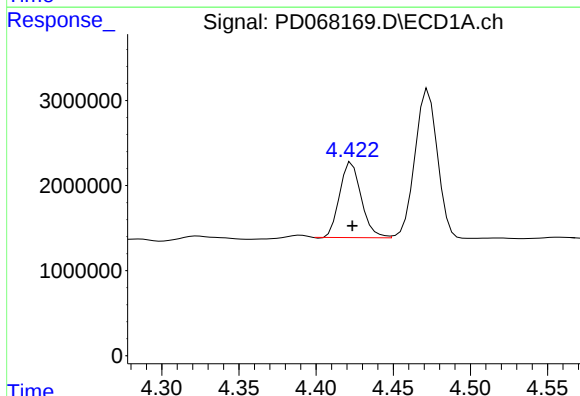
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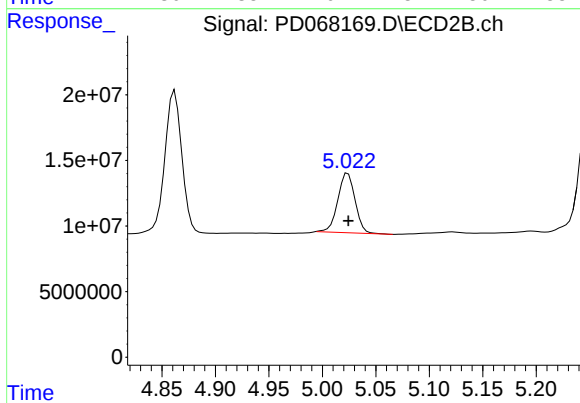
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 116356090
Conc: 10.11 ng/ml



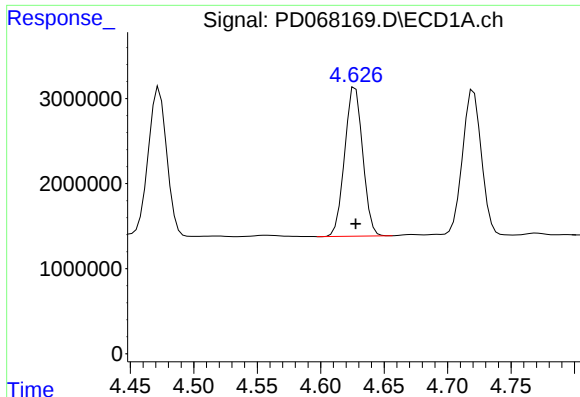
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 8609923
Conc: 10.11 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 50660672
Conc: 9.79 ng/ml



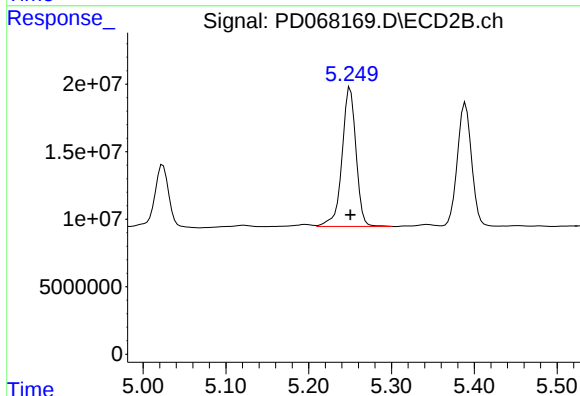
#7 delta-BHC

R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 17287284
Conc: 8.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
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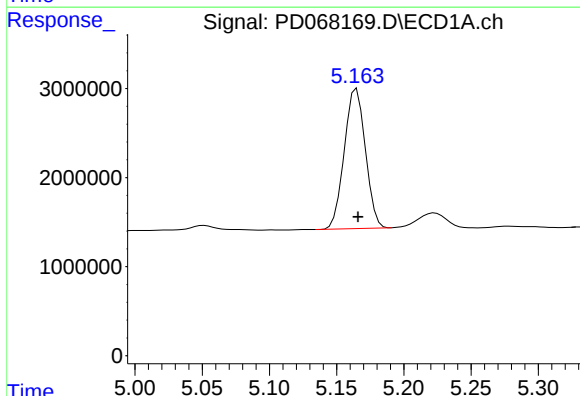
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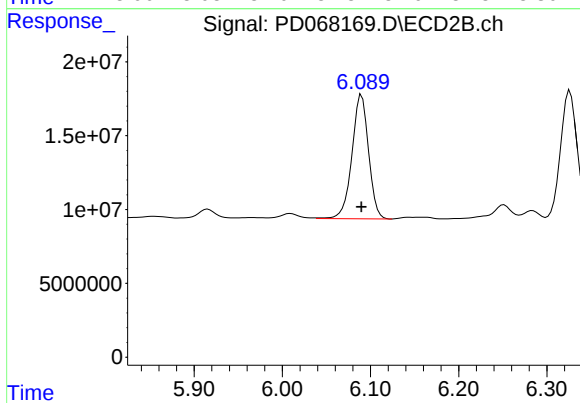
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 121162675
Conc: 10.24 ng/ml



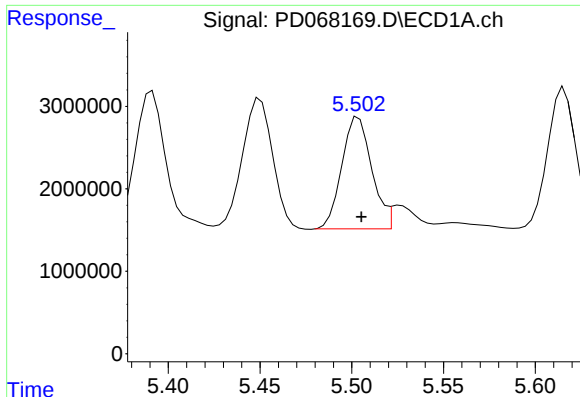
#8 Heptachlor epoxide

R.T.: 5.165 min
Delta R.T.: -0.001 min
Response: 17145325
Conc: 8.80 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 110303922
Conc: 10.93 ng/ml



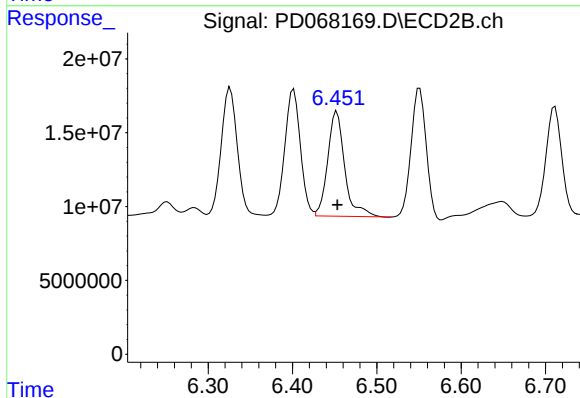
#9 Endosulfan I

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 16069909
Conc: 8.96 ng/ml

Instrument :
ECD_D
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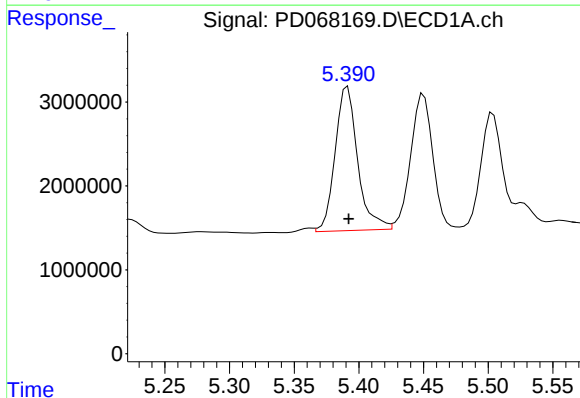
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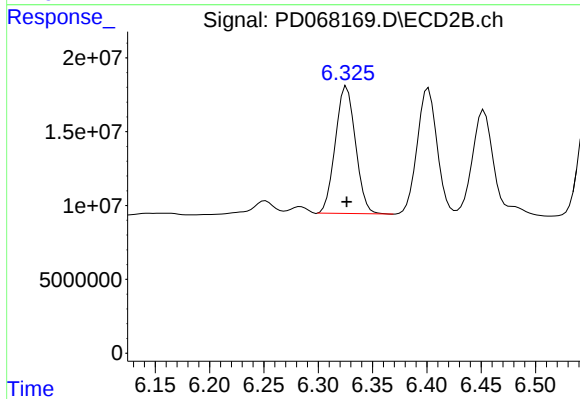
#9 Endosulfan I

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 98942917
Conc: 11.04 ng/ml



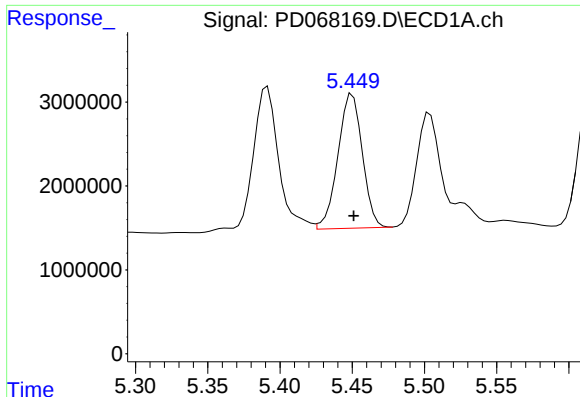
#10 gamma-Chlordane

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 20807474
Conc: 10.46 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 111383176
Conc: 11.35 ng/ml



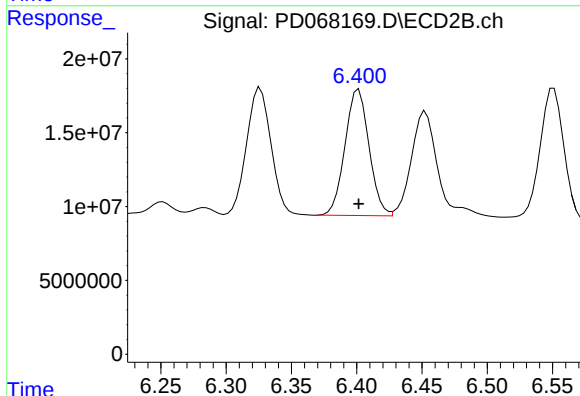
#11 alpha-Chlordane

R.T.: 5.450 min
Delta R.T.: -0.001 min
Response: 18789215
Conc: 9.61 ng/ml

Instrument :
ECD_D
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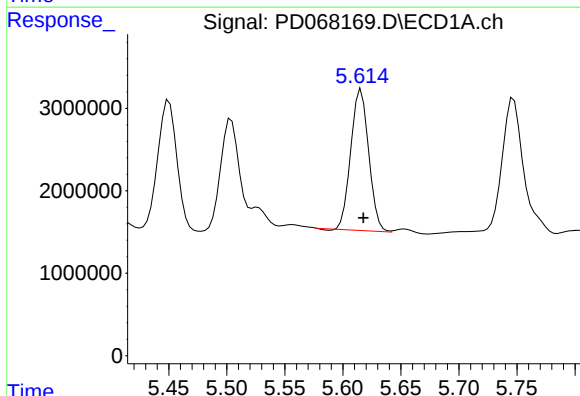
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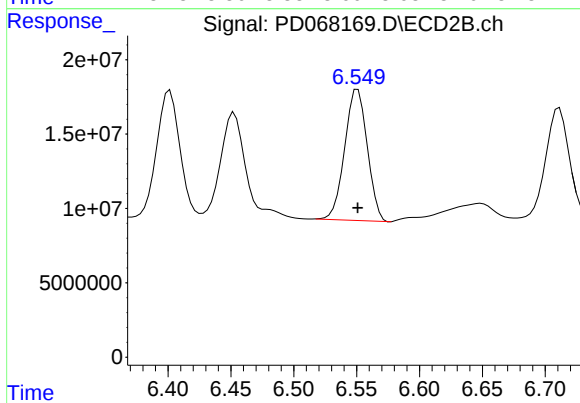
#11 alpha-Chlordane

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 109530368
Conc: 11.43 ng/ml



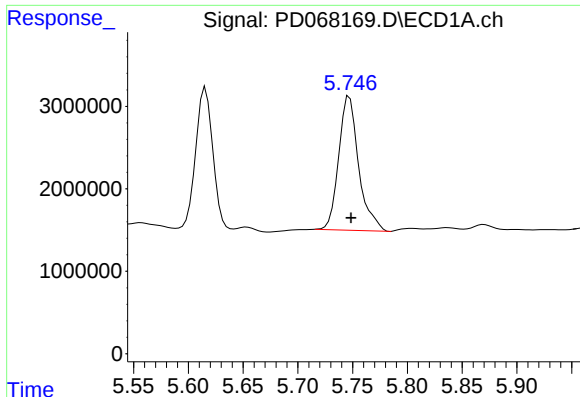
#12 4,4'-DDE

R.T.: 5.616 min
Delta R.T.: -0.002 min
Response: 18403664
Conc: 10.10 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 110282138
Conc: 12.21 ng/ml



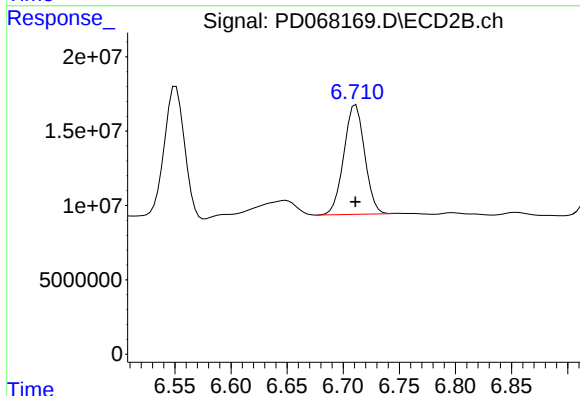
#13 Dieldrin

R.T.: 5.747 min
Delta R.T.: -0.002 min
Response: 20619133
Conc: 10.40 ng/ml

Instrument :
ECD_D
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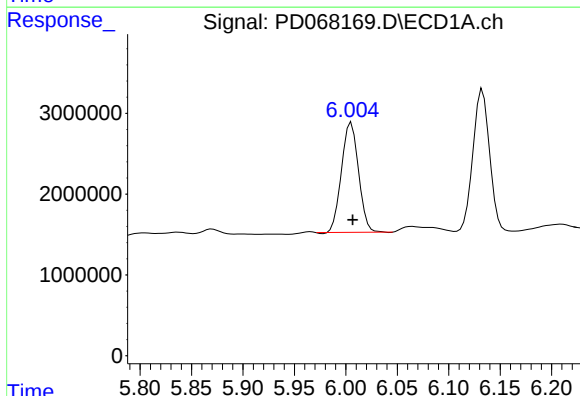
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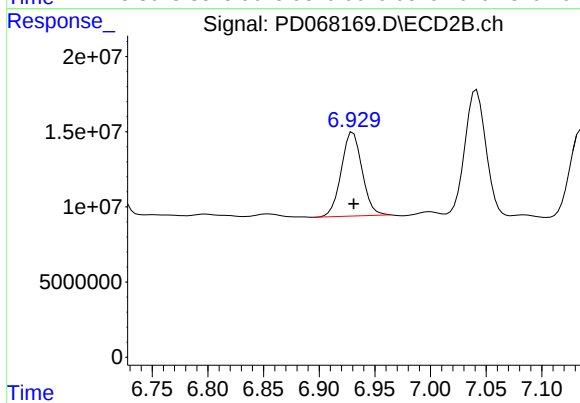
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 94954828
Conc: 9.87 ng/ml



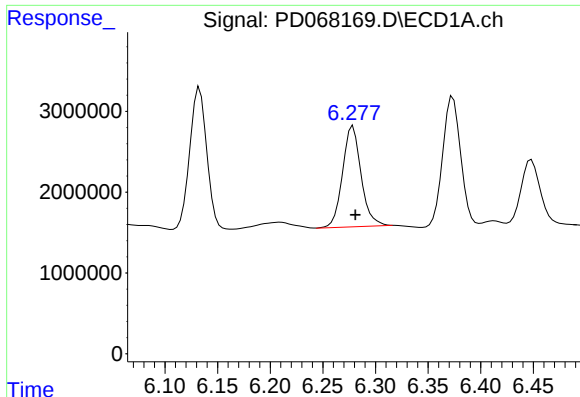
#14 Endrin

R.T.: 6.005 min
Delta R.T.: -0.001 min
Response: 15673321
Conc: 9.55 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 72852407
Conc: 10.16 ng/ml



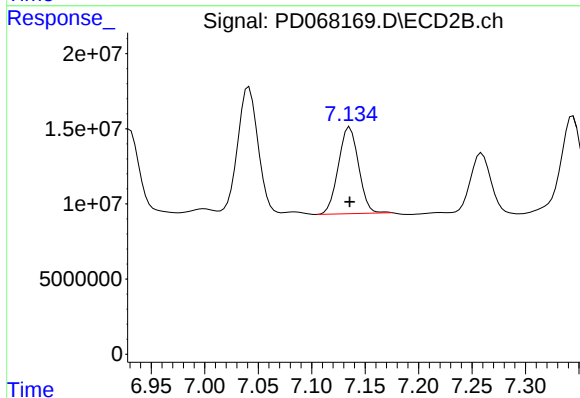
#15 Endosulfan II

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 15351293
Conc: 9.13 ng/ml

Instrument :
ECD_D
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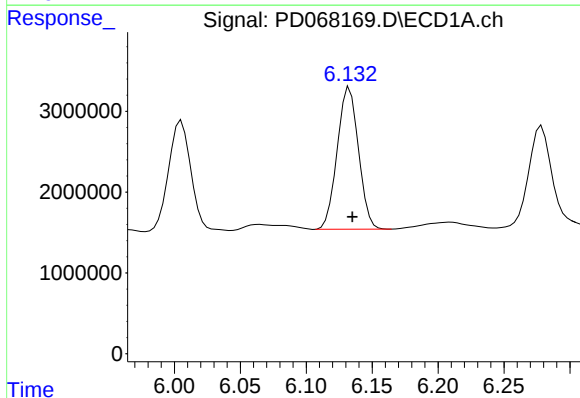
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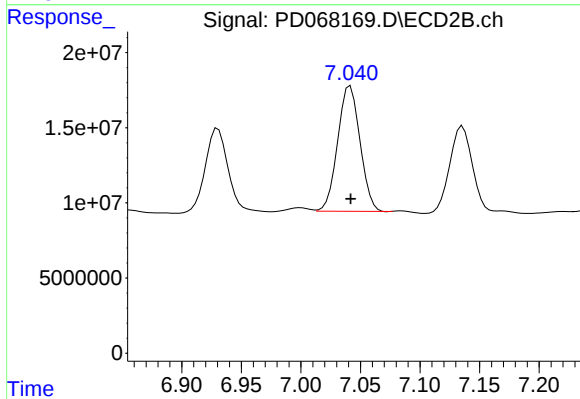
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 76184553
Conc: 9.98 ng/ml



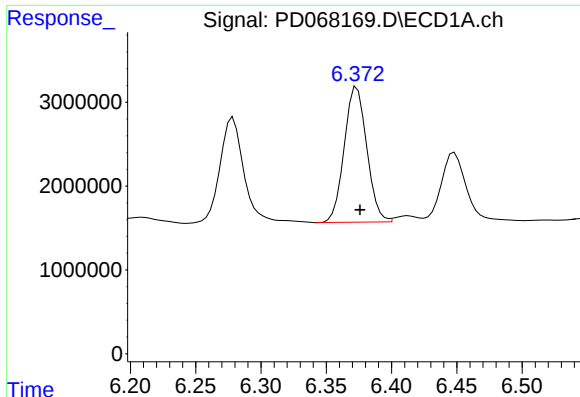
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 19723464
Conc: 12.87 ng/ml



#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 108856509
Conc: 15.53 ng/ml



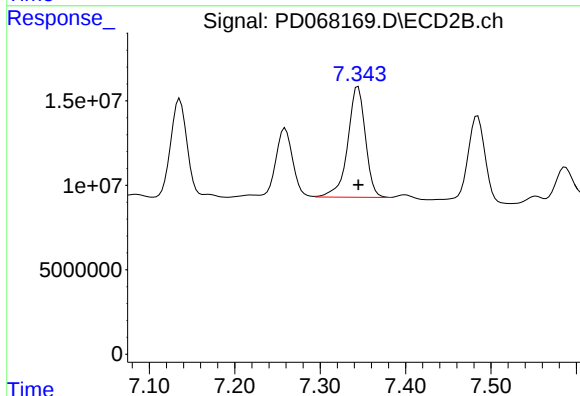
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 19408251
Conc: 14.11 ng/ml

Instrument :
ECD_D
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#17 4,4'-DDT

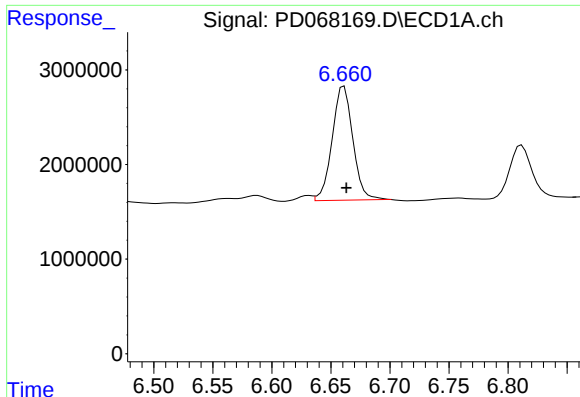
R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 94365304
Conc: 16.64 ng/ml

#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 10808893
Conc: 9.79 ng/ml

#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 55190344
Conc: 10.66 ng/ml



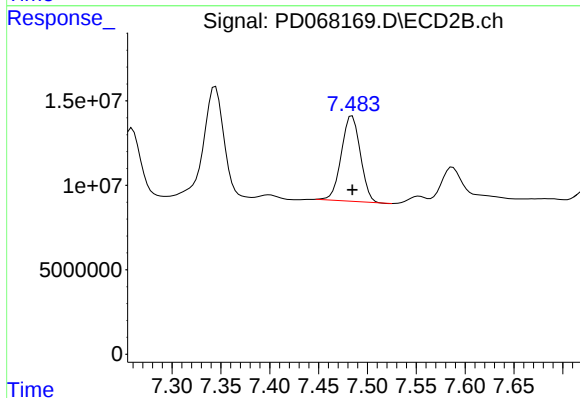
#19 Endosulfan Sulfate

R.T.: 6.661 min
Delta R.T.: -0.002 min
Response: 14725282
Conc: 9.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
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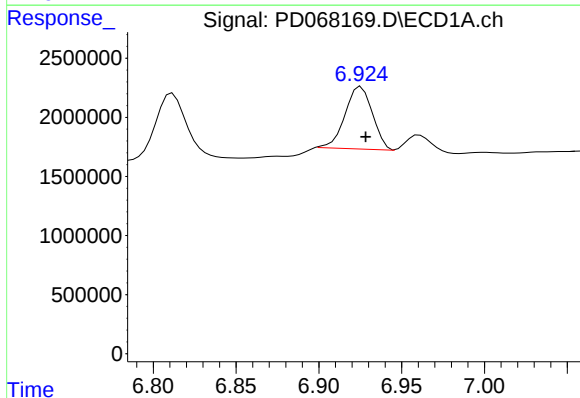
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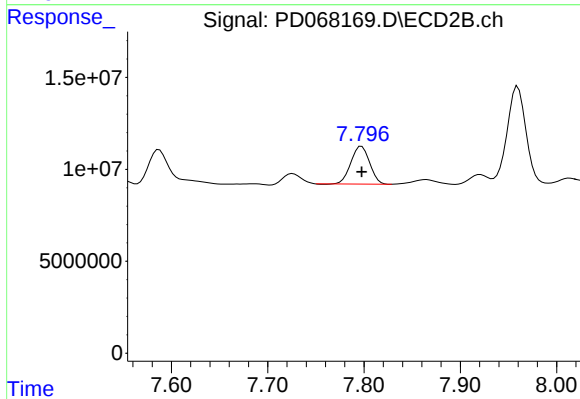
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 68783061
Conc: 10.07 ng/ml



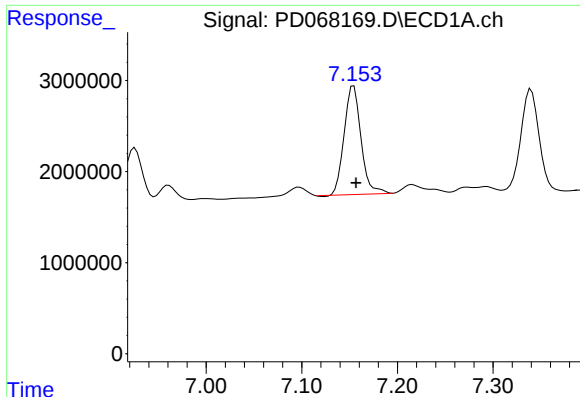
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 6058130
Conc: 7.79 ng/ml m



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 27637512
Conc: 10.21 ng/ml



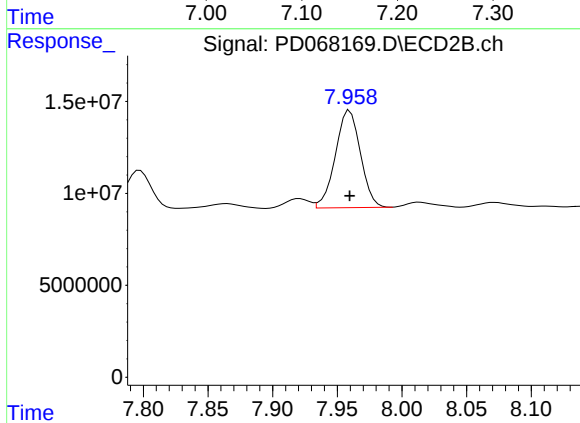
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 14680083
Conc: 8.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
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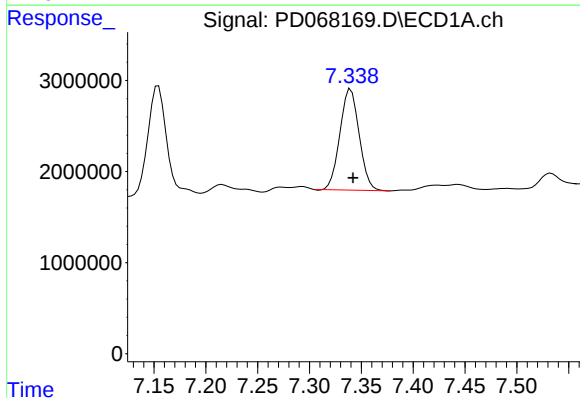
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APPROVED

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Supervised By :Ankita Jodhani 02/25/2022



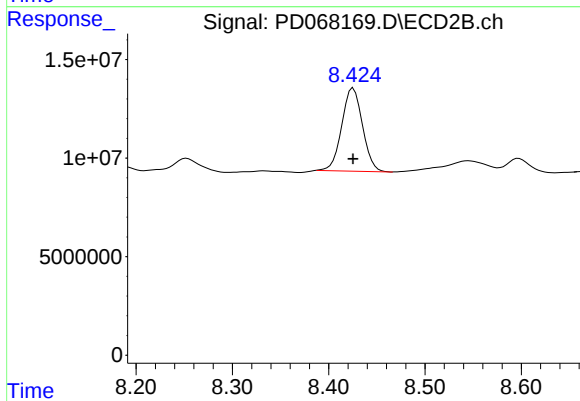
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 71260298
Conc: 9.91 ng/ml



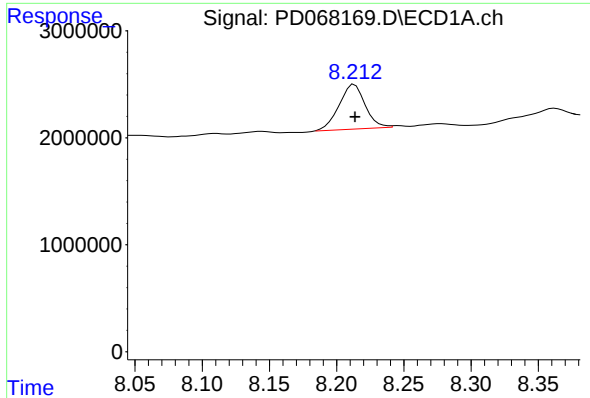
#22 Mirex

R.T.: 7.340 min
Delta R.T.: -0.002 min
Response: 14348758
Conc: 10.04 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 62965187
Conc: 12.56 ng/ml



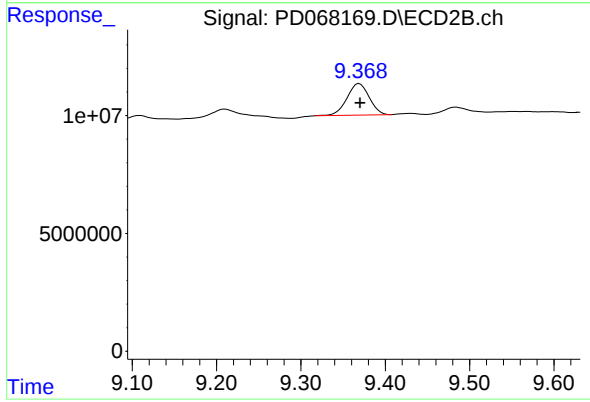
#28 Decachlorobiphenyl

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 5610289
Conc: 3.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
NW-SURFICIAL-SOIL-(NW-SS)MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.369 min
Delta R.T.: 0.000 min
Response: 24488134
Conc: 4.92 ng/ml