

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 16:20
 Operator : AR\AJ
 Sample : N3214-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/30/2022
 Supervised By : Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 00:16:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	5.644	4.632	14379233	34363458	19.012	18.118
28)	SA Decachlor...	11.634	10.372	13453070	30144662	21.379	19.627
Target Compounds							
2)	A alpha-BHC	6.227	5.333	4496315	10623509	4.552	4.346
3)	MA gamma-BHC...	6.625	5.753	4268582	10973843	4.611	4.747
4)	MA Heptachlor	7.280	6.161	5111506	11593921	5.572	5.110
5)	MB Aldrin	7.652	6.484	4319798	10044984	5.204	4.865
6)	B beta-BHC	6.878	6.133	2922906	5663921	6.674	5.430
7)	B delta-BHC	7.147	6.393	3770301	10732279	4.829	4.751
8)	B Heptachlo...	8.119	7.058	3981062	10317791	5.000m	5.378
9)	A Endosulfan I	8.529	7.459	3811165	9458091	5.272	5.387
10)	B gamma-Chl...	8.391	7.334	4316158	10732604	5.553	5.583
11)	B alpha-Chl...	8.472	7.403	4188409	10638591	5.393	5.558
12)	B 4,4'-DDE	8.658	7.615	3341847	8441965	4.944	4.974
13)	MA Dieldrin	8.818	7.745	3801117	9253744	5.178	5.142
14)	MA Endrin	9.060	8.035	3031652	8782147	4.862	5.779
15)	B Endosulfa...	9.294	8.345	3800239	7709606	5.990	5.101
16)	A 4,4'-DDD	9.200	8.197	2844515	7132722	5.017	5.143m
17)	MA 4,4'-DDT	9.519	8.459	3429773	7528397	5.618	5.090
18)	B Endrin al...	9.428	8.532	2926440	6948246	5.666	5.820
19)	B Endosulfa...	9.666	8.763	3611891	8922099	5.634	5.815
20)	A Methoxychlor	10.004	9.051	1975112	4702395	5.758	5.522
21)	B Endrin ke...	10.170	9.280	4900875	8959842	6.799	5.423
22)	Mirex	10.641	9.467	3456354	7978859	6.426	5.962

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076109.D
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 Acq On : 29 Jun 2022 16:20
 Operator : AR\AJ
 Sample : N3214-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 13 Sample Multiplier: 1

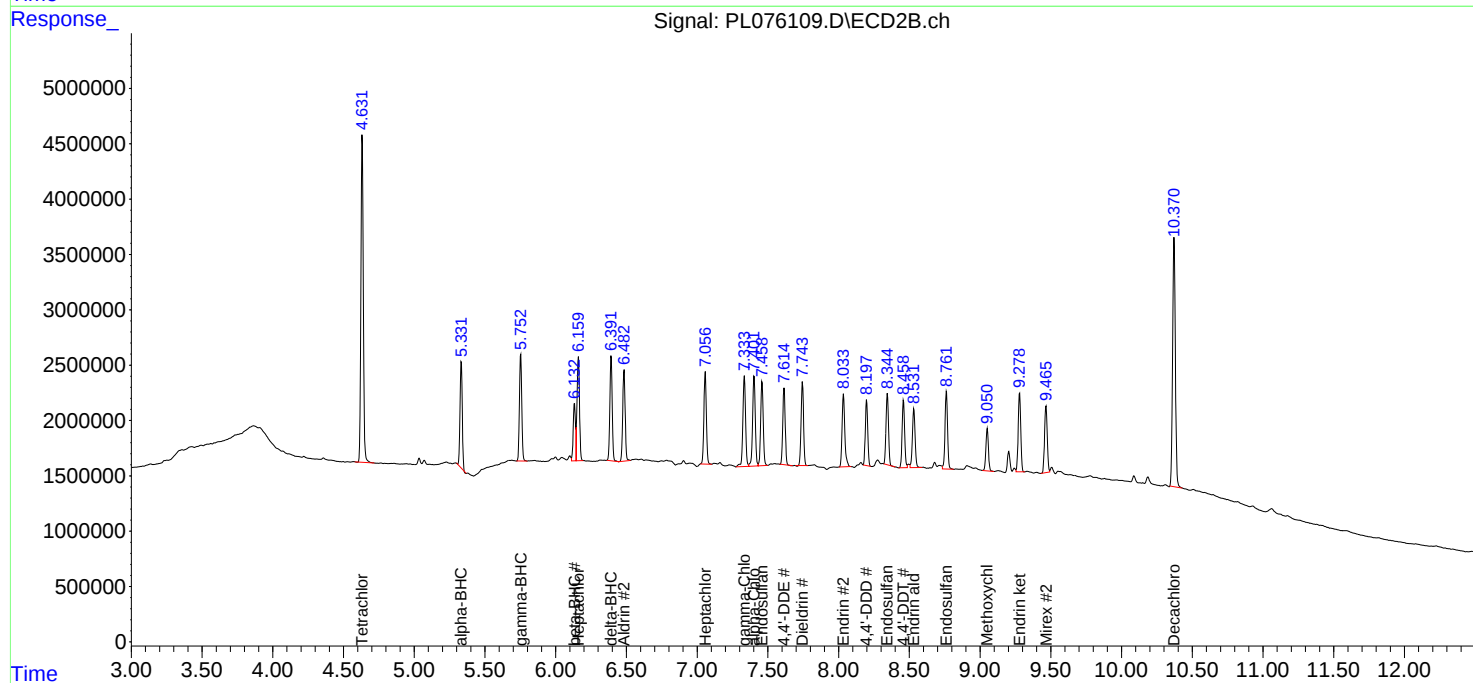
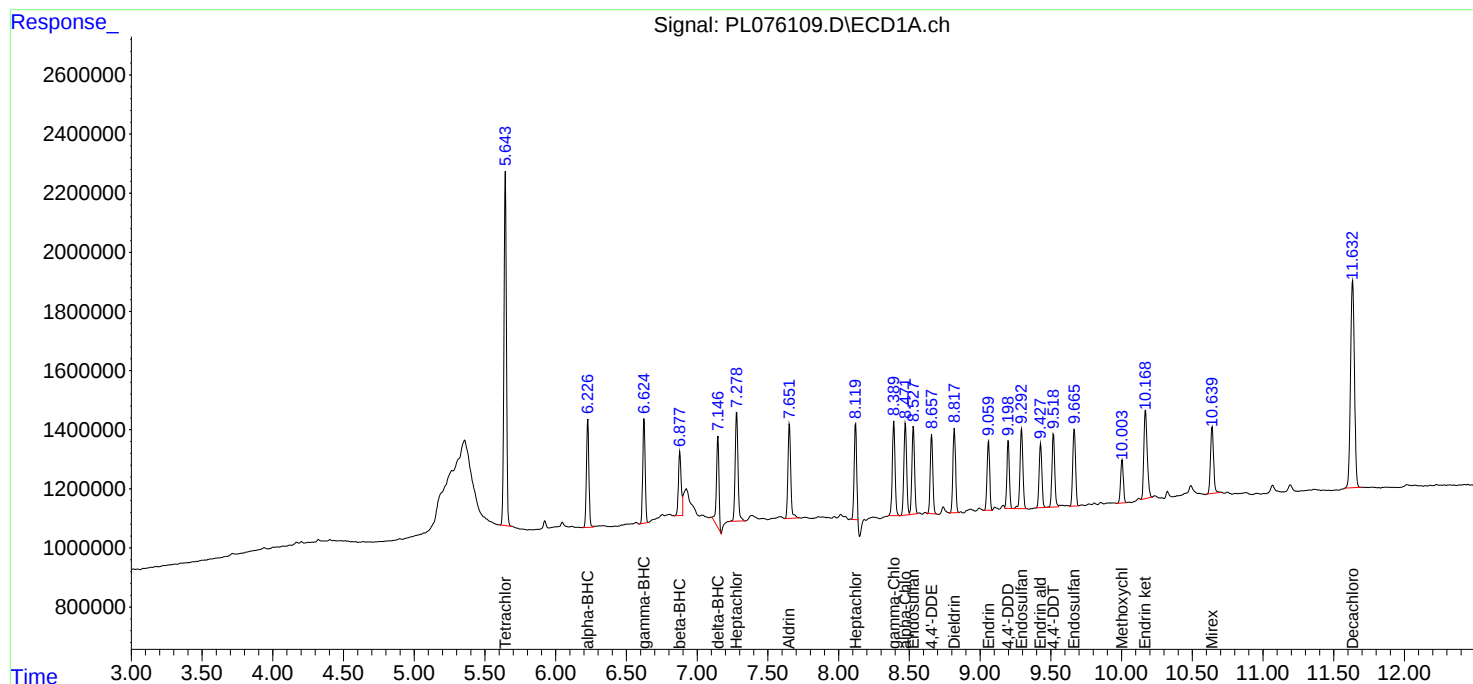
Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

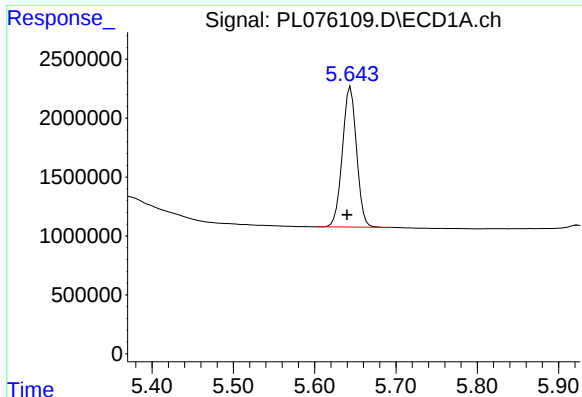
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





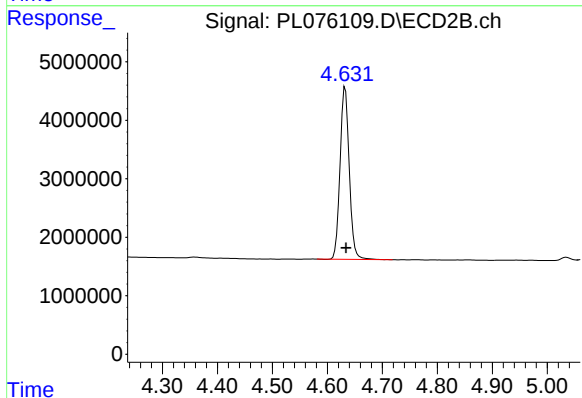
#1 Tetrachloro-m-xylene

R.T.: 5.644 min
Delta R.T.: 0.004 min
Response: 14379233
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

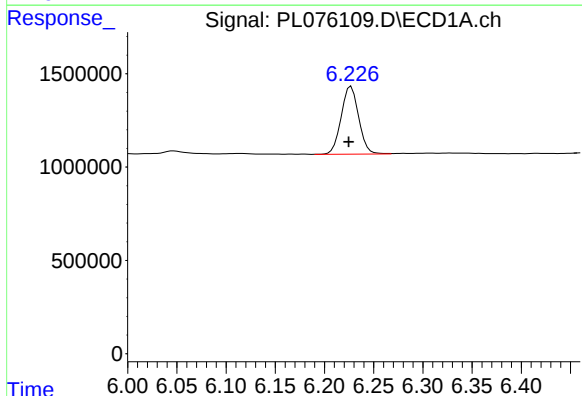
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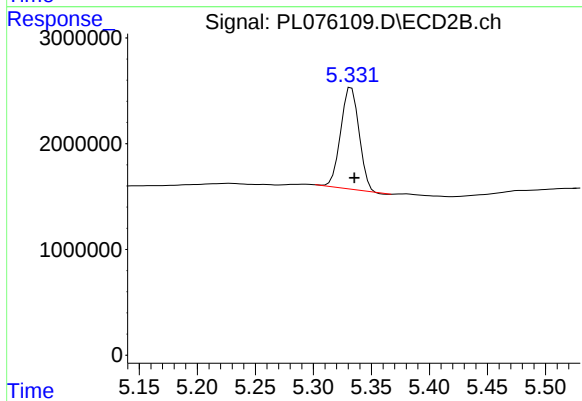
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.001 min
Response: 34363458
Conc: 18.12 ng/ml



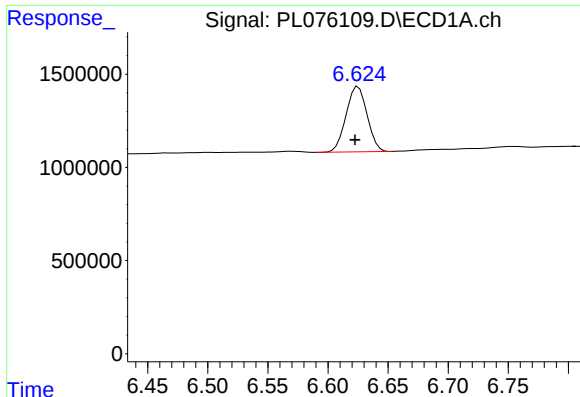
#2 alpha-BHC

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 4496315
Conc: 4.55 ng/ml



#2 alpha-BHC

R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 10623509
Conc: 4.35 ng/ml



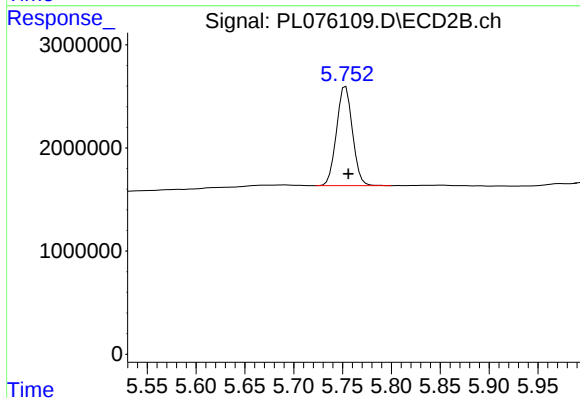
#3 gamma-BHC (Lindane)

R.T.: 6.625 min
Delta R.T.: 0.003 min
Response: 4268582
Conc: 4.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

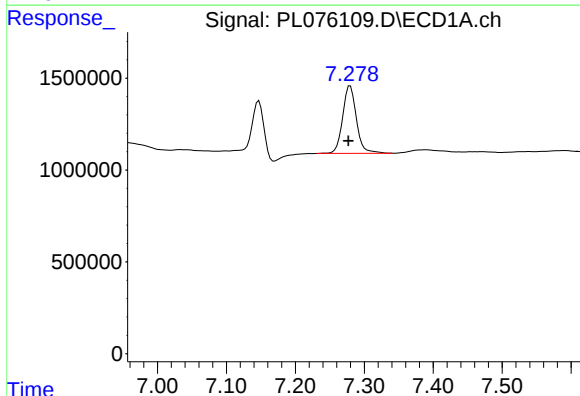
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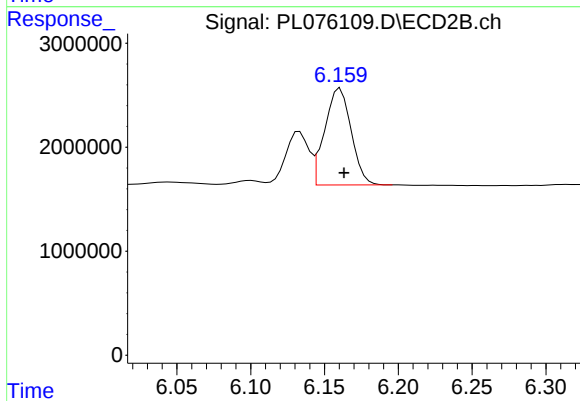
#3 gamma-BHC (Lindane)

R.T.: 5.753 min
Delta R.T.: -0.003 min
Response: 10973843
Conc: 4.75 ng/ml



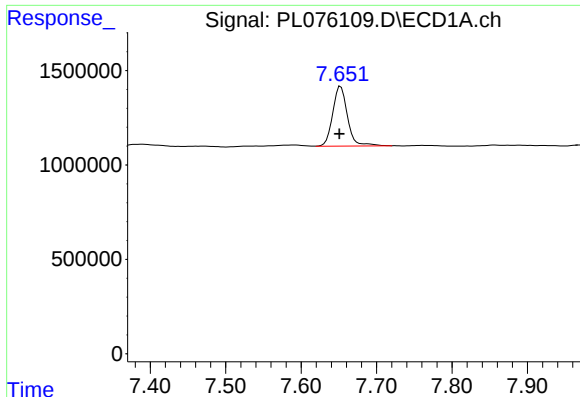
#4 Heptachlor

R.T.: 7.280 min
Delta R.T.: 0.003 min
Response: 5111506
Conc: 5.57 ng/ml



#4 Heptachlor

R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 11593921
Conc: 5.11 ng/ml



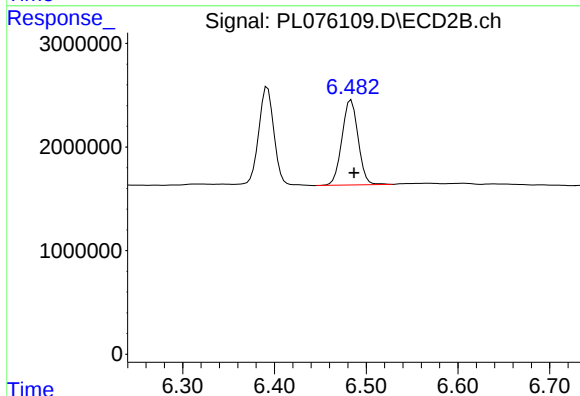
#5 Aldrin

R.T.: 7.652 min
Delta R.T.: 0.002 min
Response: 4319798
Conc: 5.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

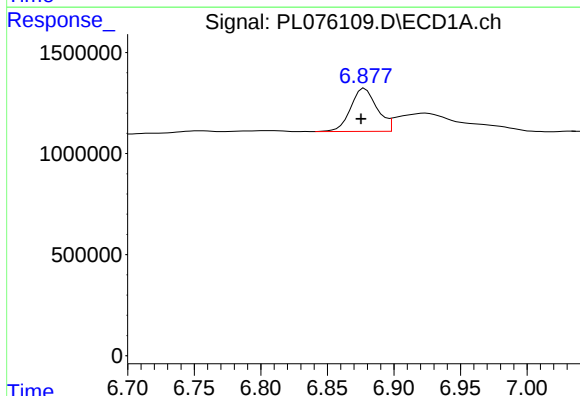
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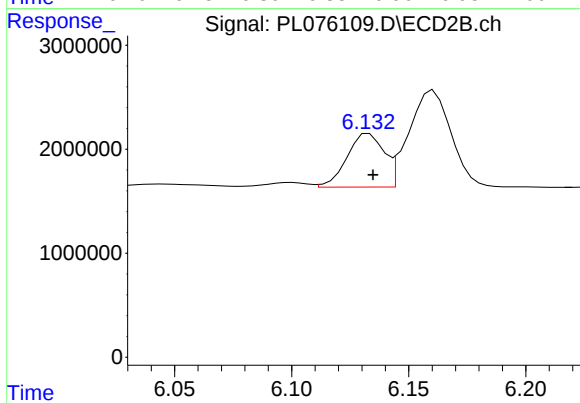
#5 Aldrin

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 10044984
Conc: 4.87 ng/ml



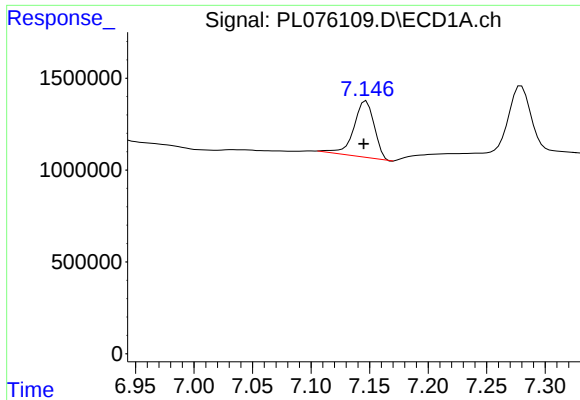
#6 beta-BHC

R.T.: 6.878 min
Delta R.T.: 0.003 min
Response: 2922906
Conc: 6.67 ng/ml



#6 beta-BHC

R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 5663921
Conc: 5.43 ng/ml



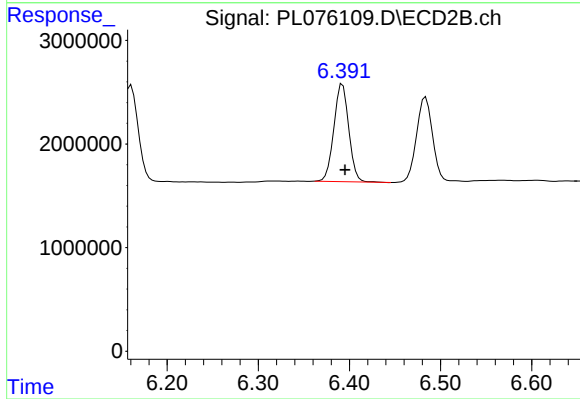
#7 delta-BHC

R.T.: 7.147 min
Delta R.T.: 0.002 min
Response: 3770301
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

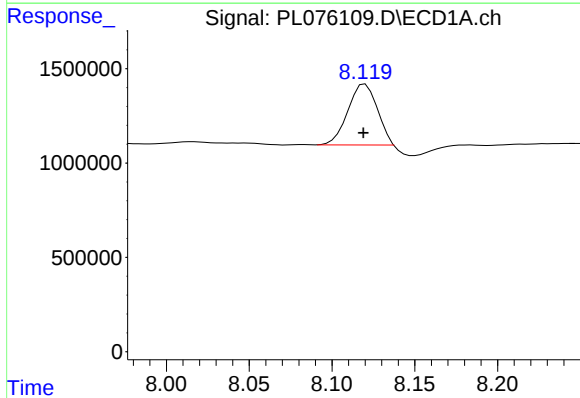
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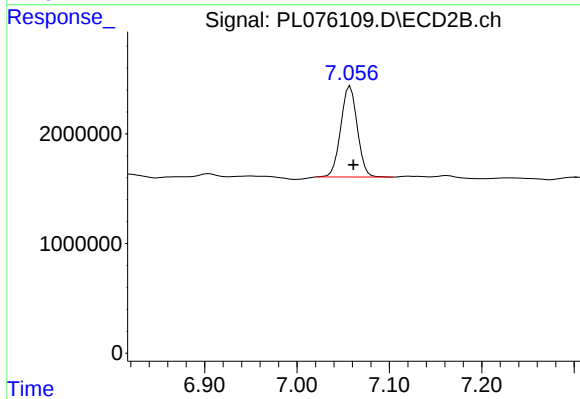
#7 delta-BHC

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 10732279
Conc: 4.75 ng/ml



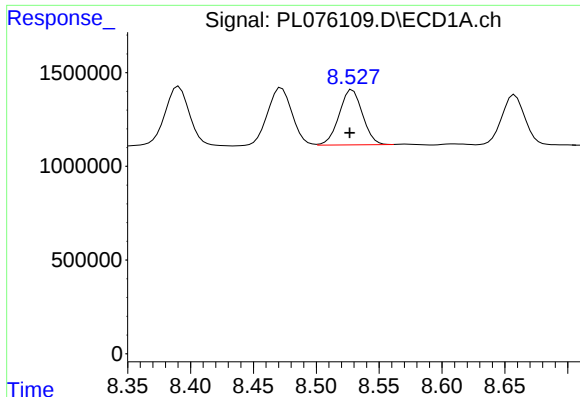
#8 Heptachlor epoxide

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 3981062
Conc: 5.00 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 10317791
Conc: 5.38 ng/ml



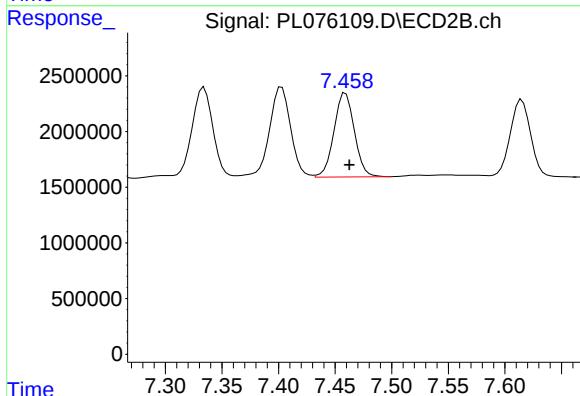
#9 Endosulfan I

R.T.: 8.529 min
Delta R.T.: 0.002 min
Response: 3811165
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

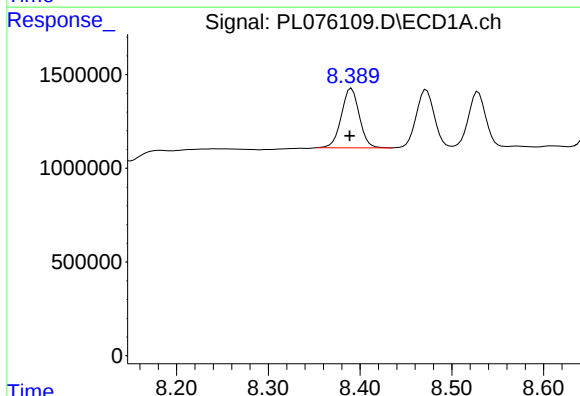
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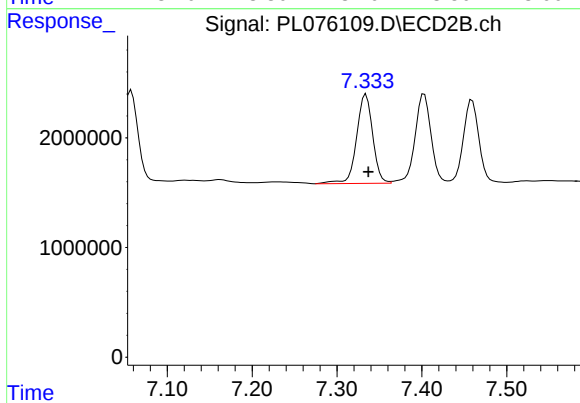
#9 Endosulfan I

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 9458091
Conc: 5.39 ng/ml



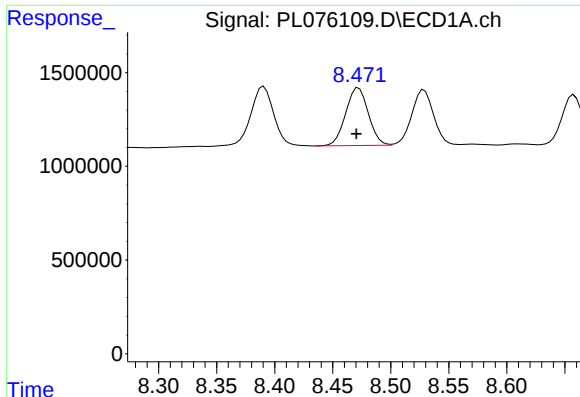
#10 gamma-Chlordane

R.T.: 8.391 min
Delta R.T.: 0.002 min
Response: 4316158
Conc: 5.55 ng/ml



#10 gamma-Chlordane

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 10732604
Conc: 5.58 ng/ml



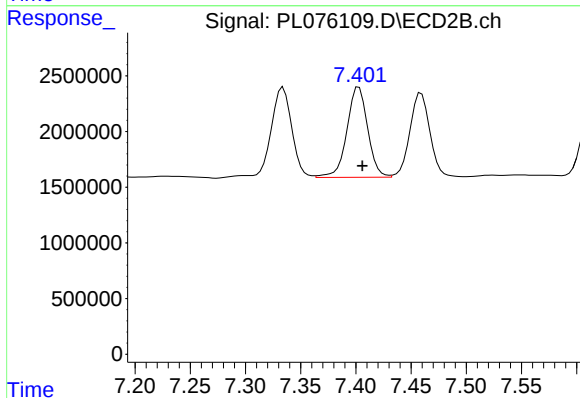
#11 alpha-Chlordane

R.T.: 8.472 min
Delta R.T.: 0.002 min
Response: 4188409
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

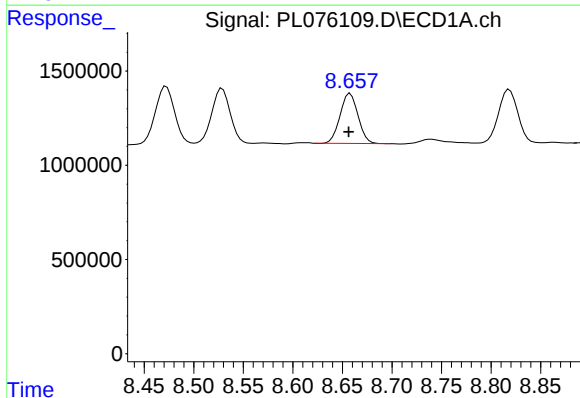
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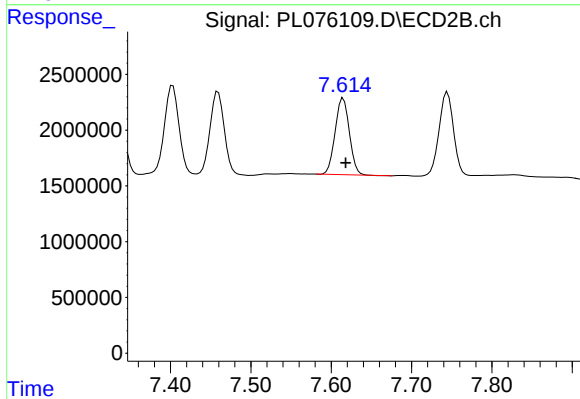
#11 alpha-Chlordane

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 10638591
Conc: 5.56 ng/ml



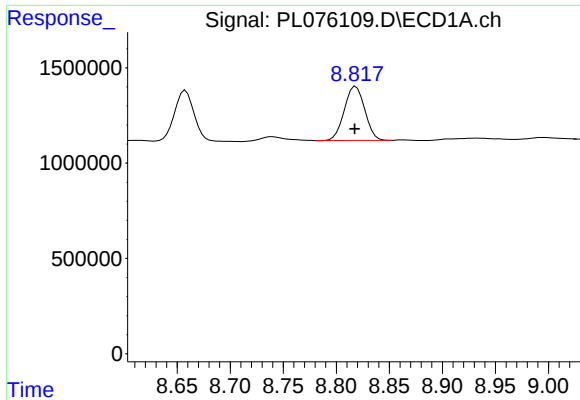
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: 0.002 min
Response: 3341847
Conc: 4.94 ng/ml



#12 4,4'-DDE

R.T.: 7.615 min
Delta R.T.: -0.003 min
Response: 8441965
Conc: 4.97 ng/ml



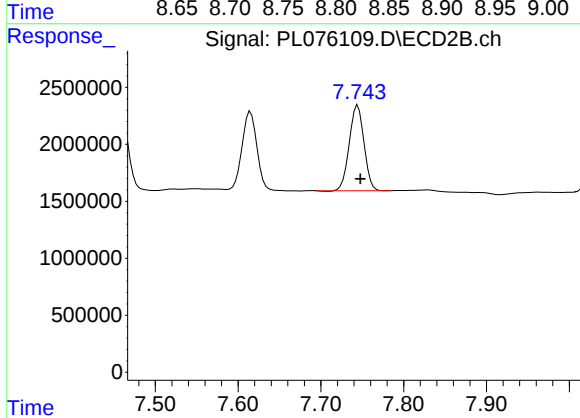
#13 Dieldrin

R.T.: 8.818 min
Delta R.T.: 0.001 min
Response: 3801117
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

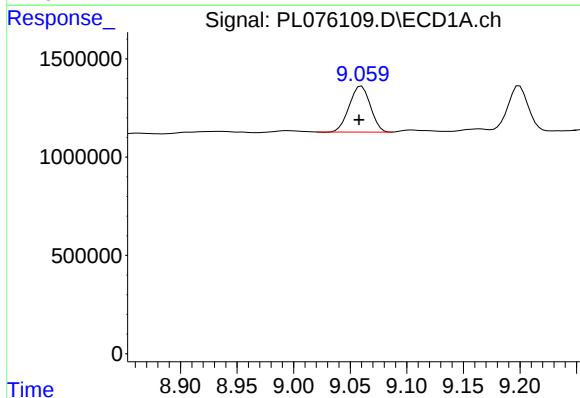
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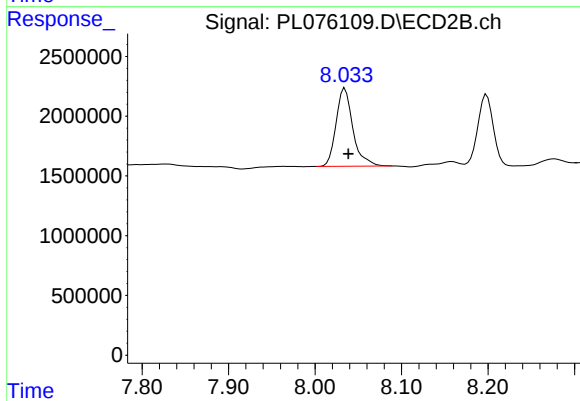
#13 Dieldrin

R.T.: 7.745 min
Delta R.T.: -0.003 min
Response: 9253744
Conc: 5.14 ng/ml



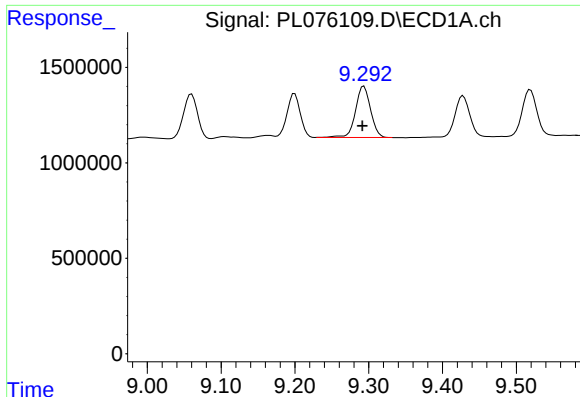
#14 Endrin

R.T.: 9.060 min
Delta R.T.: 0.002 min
Response: 3031652
Conc: 4.86 ng/ml



#14 Endrin

R.T.: 8.035 min
Delta R.T.: -0.004 min
Response: 8782147
Conc: 5.78 ng/ml



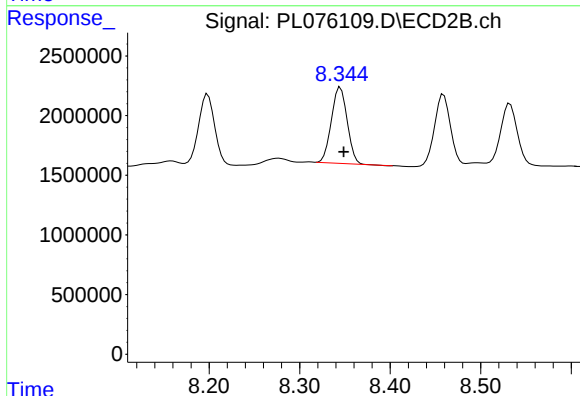
#15 Endosulfan II

R.T.: 9.294 min
Delta R.T.: 0.002 min
Response: 3800239
Conc: 5.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

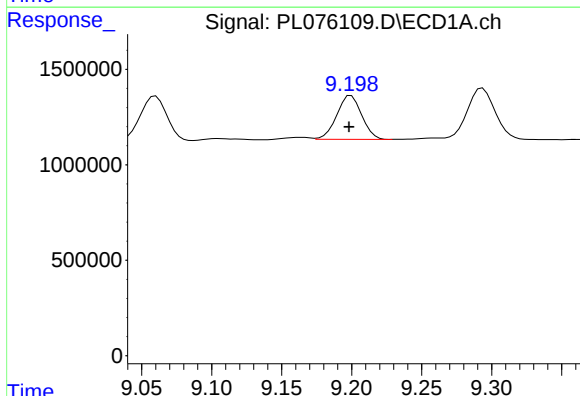
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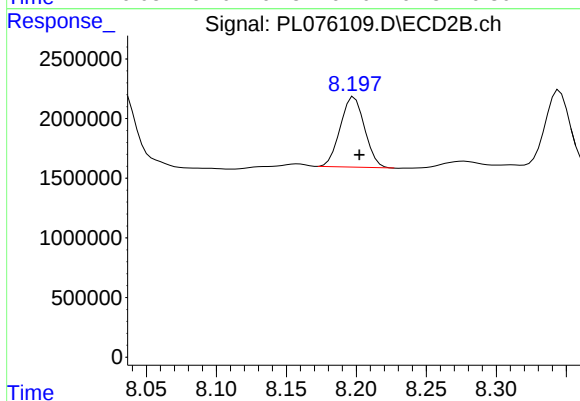
#15 Endosulfan II

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 7709606
Conc: 5.10 ng/ml



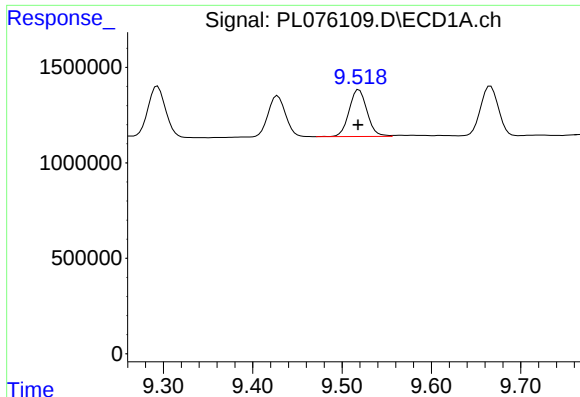
#16 4,4'-DDD

R.T.: 9.200 min
Delta R.T.: 0.001 min
Response: 2844515
Conc: 5.02 ng/ml



#16 4,4'-DDD

R.T.: 8.197 min
Delta R.T.: -0.005 min
Response: 7132722
Conc: 5.14 ng/ml m



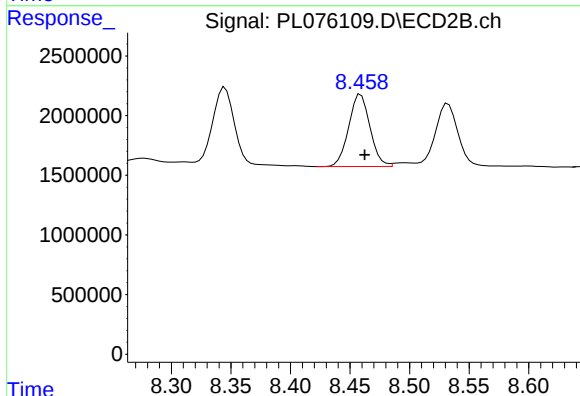
#17 4,4'-DDT

R.T.: 9.519 min
Delta R.T.: 0.001 min
Response: 3429773
Conc: 5.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

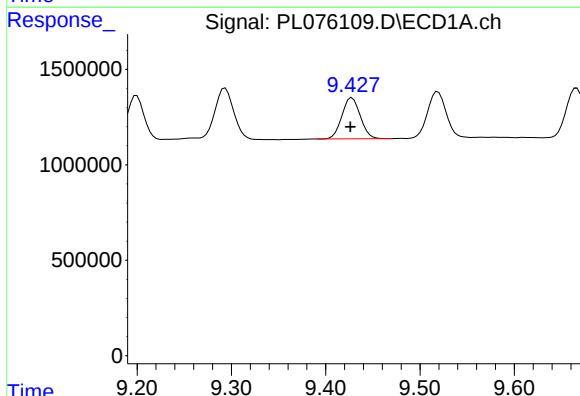
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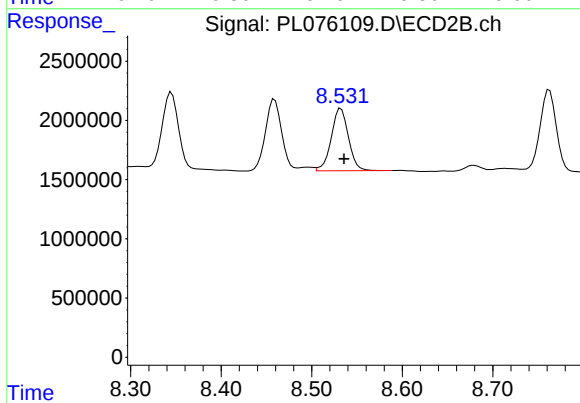
#17 4,4'-DDT

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 7528397
Conc: 5.09 ng/ml



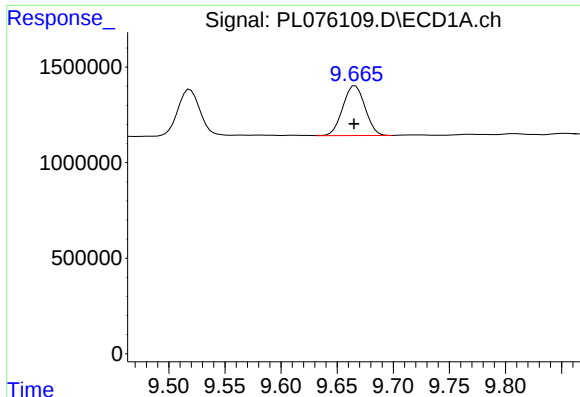
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.002 min
Response: 2926440
Conc: 5.67 ng/ml



#18 Endrin aldehyde

R.T.: 8.532 min
Delta R.T.: -0.004 min
Response: 6948246
Conc: 5.82 ng/ml



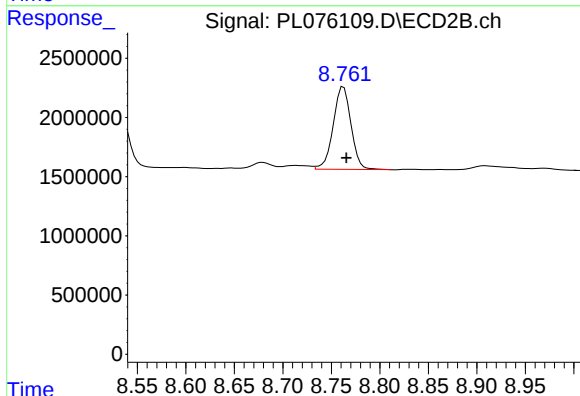
#19 Endosulfan Sulfate

R.T.: 9.666 min
Delta R.T.: 0.001 min
Response: 3611891
Conc: 5.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

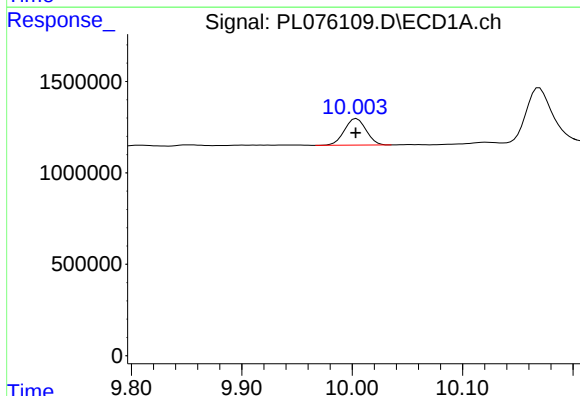
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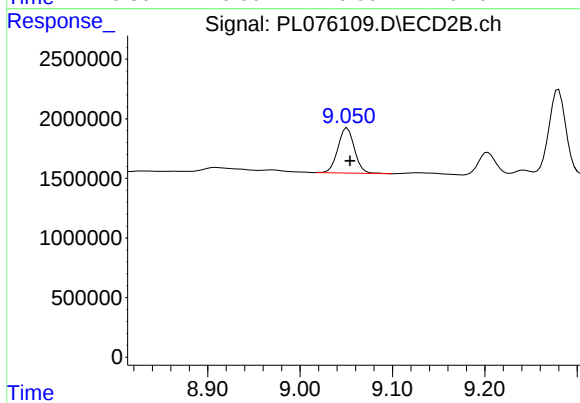
#19 Endosulfan Sulfate

R.T.: 8.763 min
Delta R.T.: -0.003 min
Response: 8922099
Conc: 5.82 ng/ml



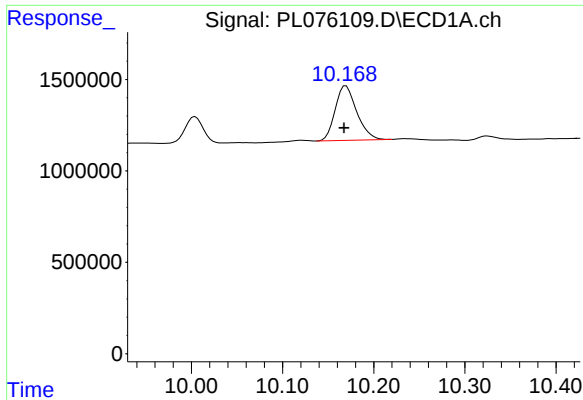
#20 Methoxychlor

R.T.: 10.004 min
Delta R.T.: 0.000 min
Response: 1975112
Conc: 5.76 ng/ml



#20 Methoxychlor

R.T.: 9.051 min
Delta R.T.: -0.003 min
Response: 4702395
Conc: 5.52 ng/ml



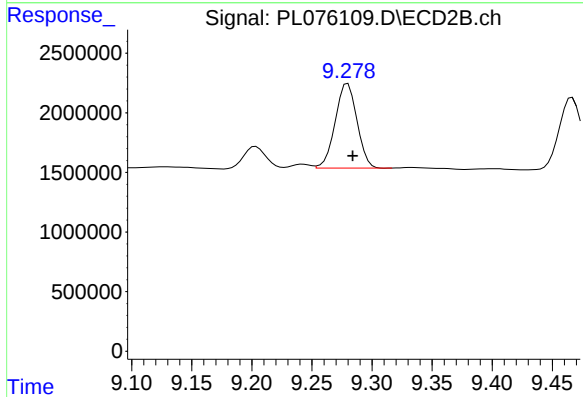
#21 Endrin ketone

R.T.: 10.170 min
Delta R.T.: 0.002 min
Response: 4900875
Conc: 6.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

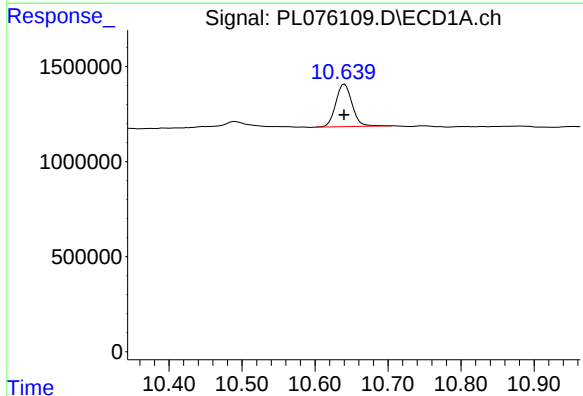
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2022
Supervised By :Ankita Jodhani 06/30/2022



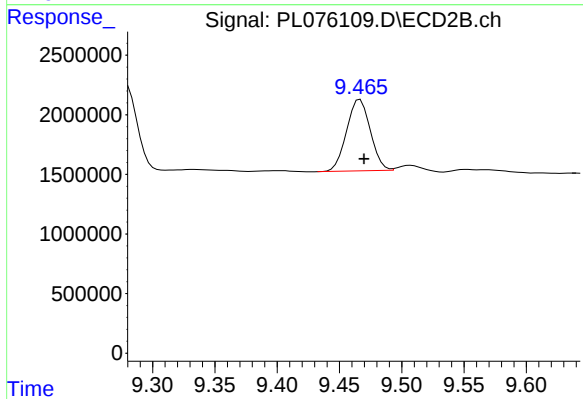
#21 Endrin ketone

R.T.: 9.280 min
Delta R.T.: -0.004 min
Response: 8959842
Conc: 5.42 ng/ml



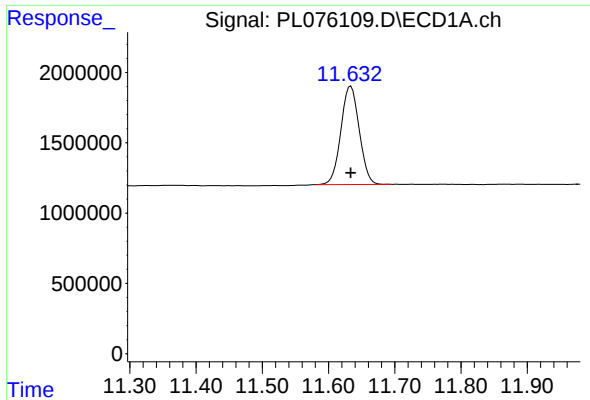
#22 Mirex

R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 3456354
Conc: 6.43 ng/ml



#22 Mirex

R.T.: 9.467 min
Delta R.T.: -0.003 min
Response: 7978859
Conc: 5.96 ng/ml



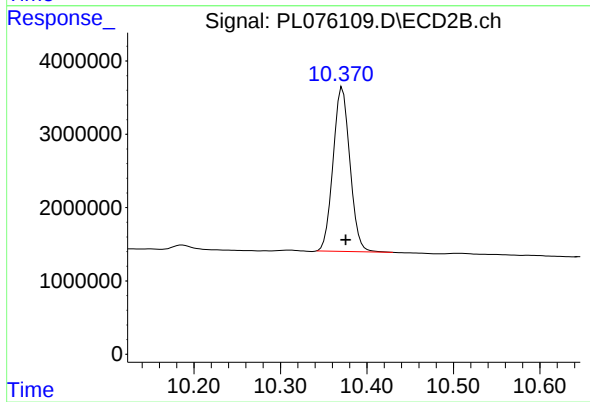
#28 Decachlorobiphenyl

R.T.: 11.634 min
Delta R.T.: 0.000 min
Response: 13453070
Conc: 21.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.372 min
Delta R.T.: -0.004 min
Response: 30144662
Conc: 19.63 ng/ml