

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 16:48
 Operator : AR\AJ
 Sample : P2403-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2024
 Supervised By : Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 23:14:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.551	2.797	39998761	25642353	19.864	19.986
28)	SA Decachlor...	9.067	7.948	28241228	27914050	20.186	20.751
Target Compounds							
2)	A alpha-BHC	4.006	3.302	15054627	7980969	5.279	4.230
3)	MA gamma-BHC...	4.338	3.632	14267974	7954604	5.125	4.311
4)	MA Heptachlor	4.928	3.974	13209847	7860282	5.326m	4.486
5)	MB Aldrin	5.270	4.255	13770534	7840785	5.362m	4.435
6)	B beta-BHC	4.532	3.930	7280163	4255745	5.771m	5.212
7)	B delta-BHC	4.781	4.161	14648074	7580274	5.523	4.213
8)	B Heptachlo...	5.694	4.759	13405291	7908456	5.715m	4.892
9)	A Endosulfan I	6.082	5.129	12869676	7891195	5.986	5.269
10)	B gamma-Chl...	5.951	5.008	12898622	8404331	5.643m	5.122m
11)	B alpha-Chl...	6.030	5.072	12984944	8336693	5.708m	5.055m
12)	B 4,4'-DDE	6.203	5.262	11580586	6879967	5.723	4.732
13)	MA Dieldrin	6.357	5.394	12800433	7729638	5.718	4.805
14)	MA Endrin	6.586	5.669	9733541	6317672	5.138	4.394
15)	B Endosulfa...	6.804	5.963	11474961	7598686	5.750	5.283
16)	A 4,4'-DDD	6.719	5.816	10535549	6765522	6.245	5.486
17)	MA 4,4'-DDT	7.033	6.068	9352566	5172217	5.086	3.823
18)	B Endrin al...	6.934	6.142	9022729	6026228	5.966	5.418
19)	B Endosulfa...	7.168	6.365	10652063	7227249	5.889	5.210
20)	A Methoxychlor	7.508	6.643	4593195	3263627	4.671	4.082
21)	B Endrin ke...	7.653	6.871	11788689	8326557	5.890	5.207
22)	Mirex	8.128	7.055	8903259	8242960	5.729	6.042

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
Data File : PL089458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2024 16:48
Operator : AR\AJ
Sample : P2403-08
Misc : PEST LOQ 5PPB
ALS Vial : 15 Sample Multiplier: 1

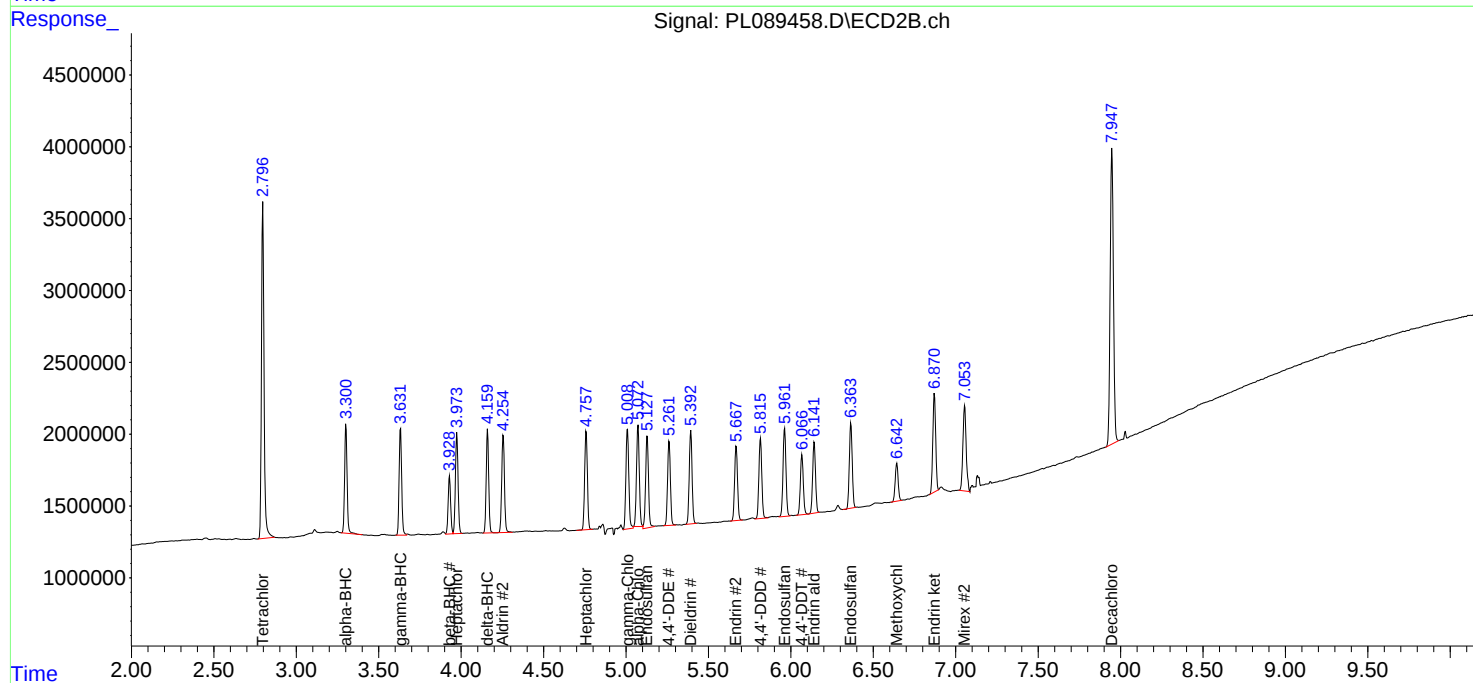
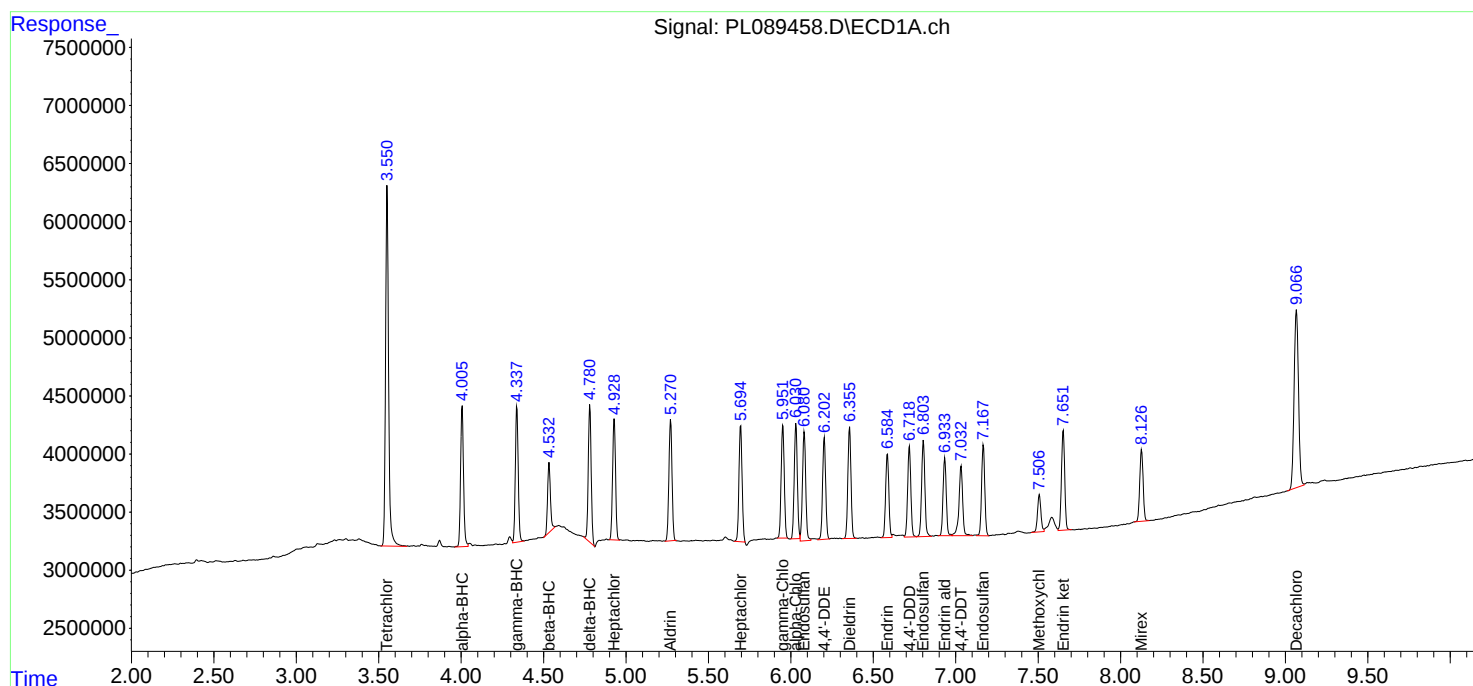
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

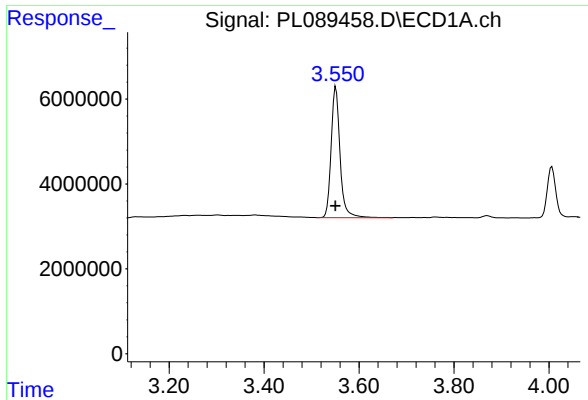
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 23:14:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
Response via : Initial Calibration
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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





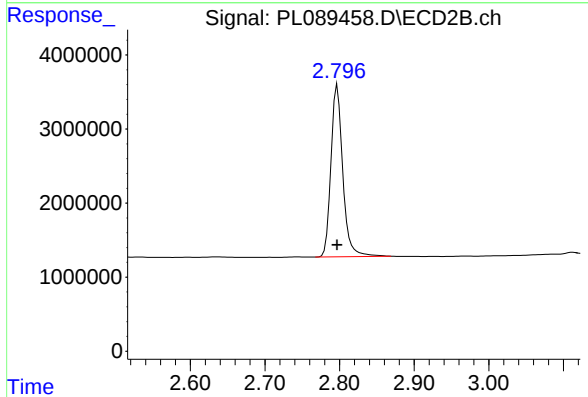
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 39998761
Conc: 19.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

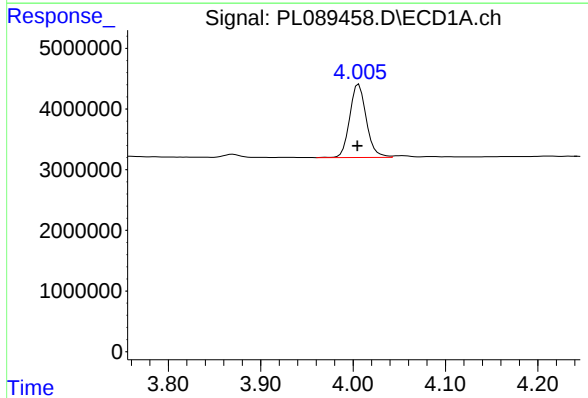
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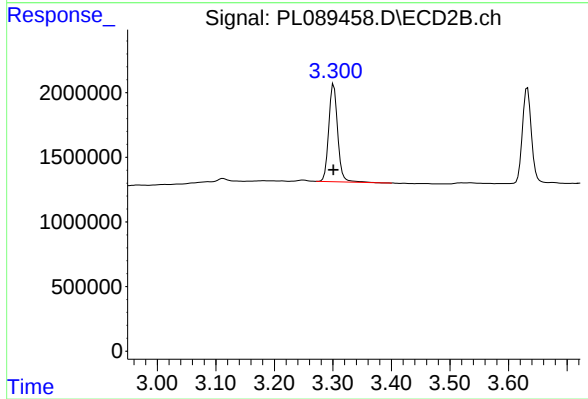
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25642353
Conc: 19.99 ng/ml



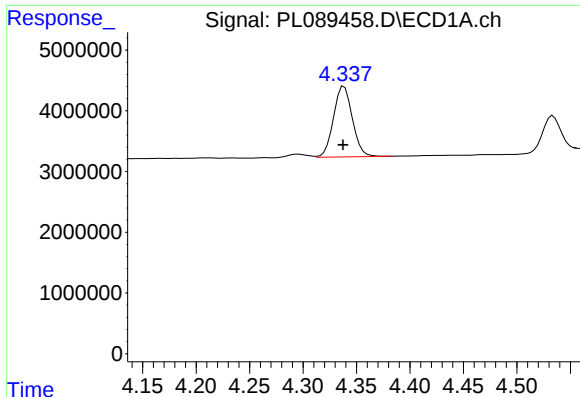
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 15054627
Conc: 5.28 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 7980969
Conc: 4.23 ng/ml



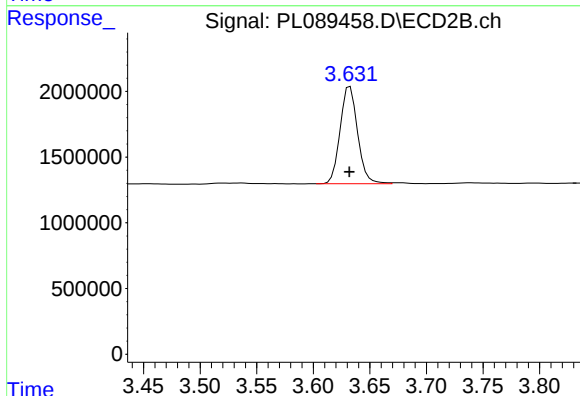
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 14267974
Conc: 5.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

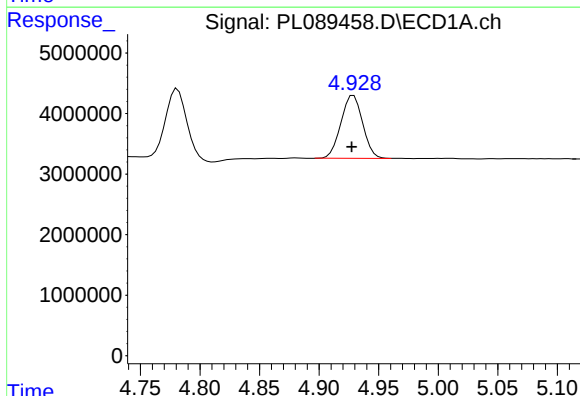
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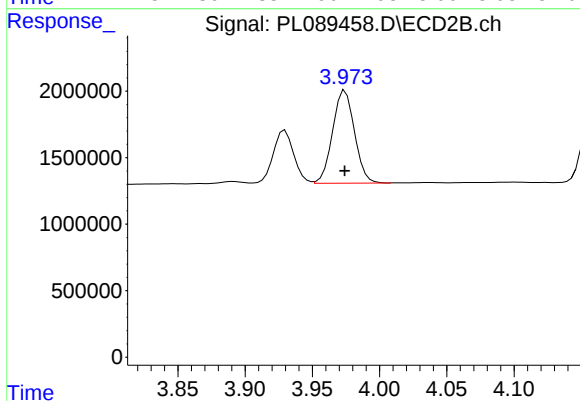
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 7954604
Conc: 4.31 ng/ml



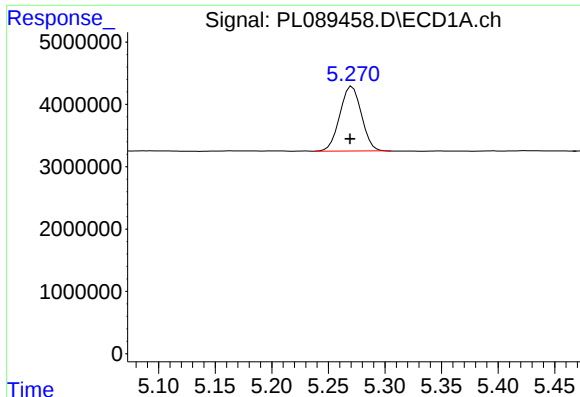
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 13209847
Conc: 5.33 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 7860282
Conc: 4.49 ng/ml



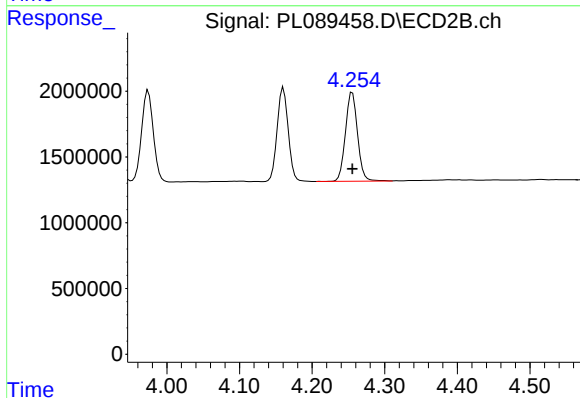
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 13770534
Conc: 5.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

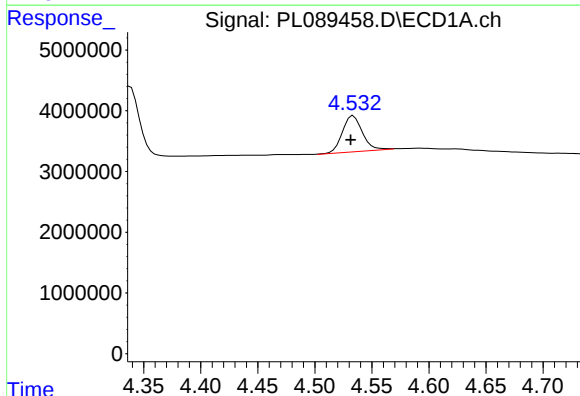
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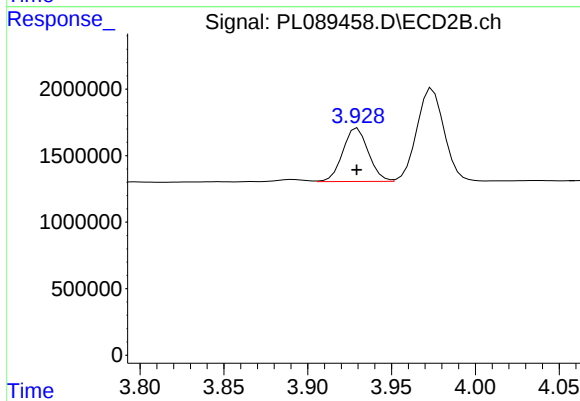
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 7840785
Conc: 4.44 ng/ml



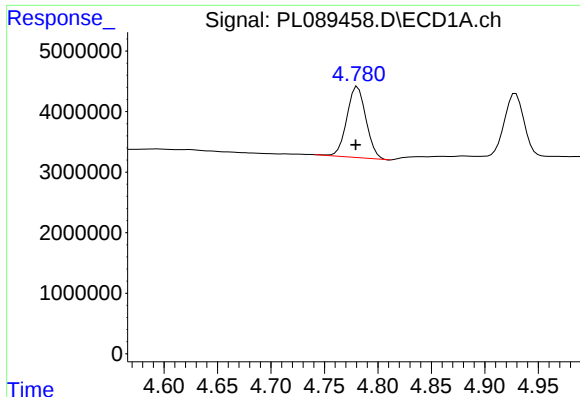
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 7280163
Conc: 5.77 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 4255745
Conc: 5.21 ng/ml



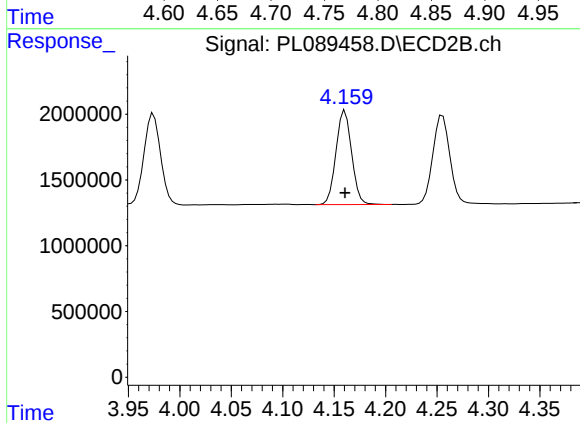
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 14648074
Conc: 5.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

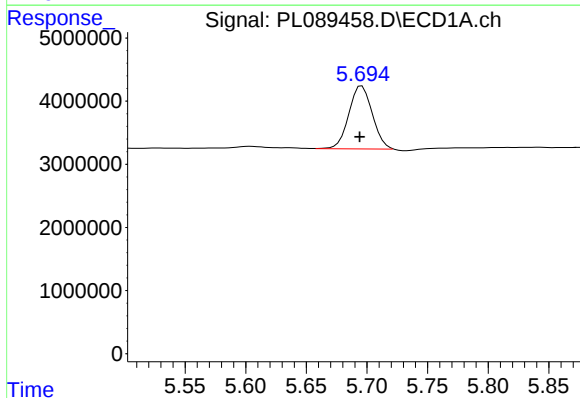
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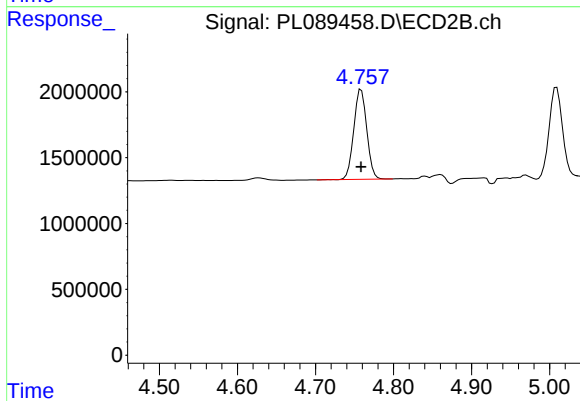
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 7580274
Conc: 4.21 ng/ml



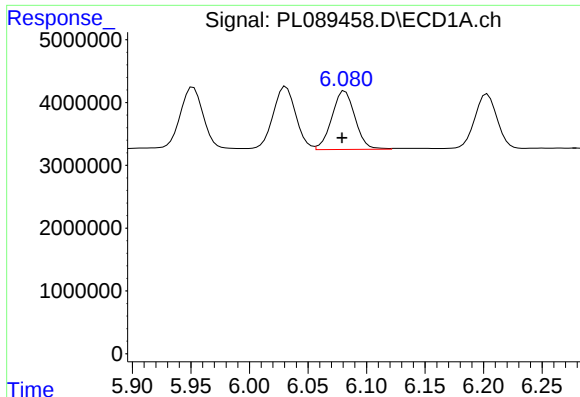
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 13405291
Conc: 5.72 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 7908456
Conc: 4.89 ng/ml



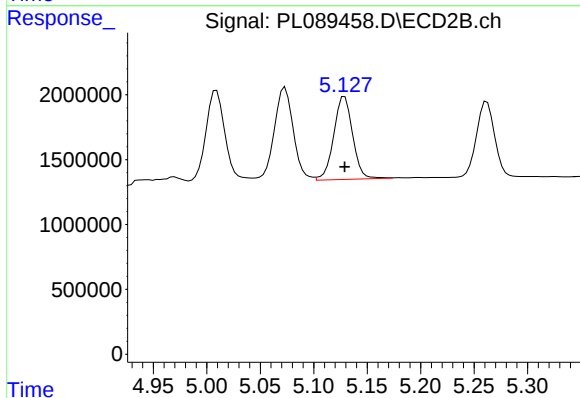
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 12869676
Conc: 5.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

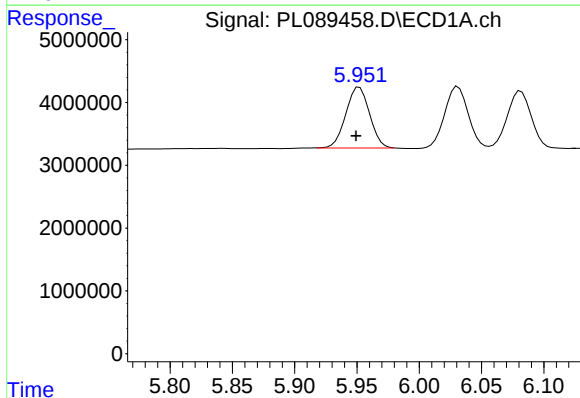
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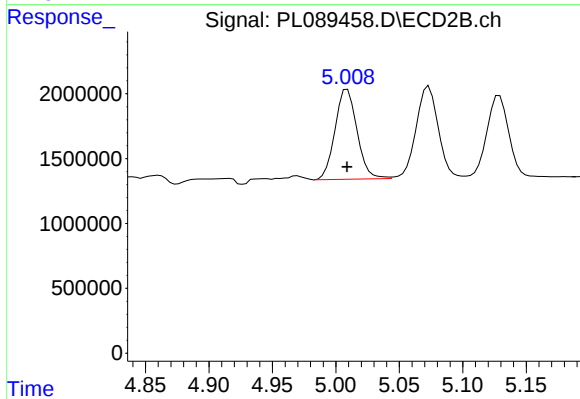
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 7891195
Conc: 5.27 ng/ml



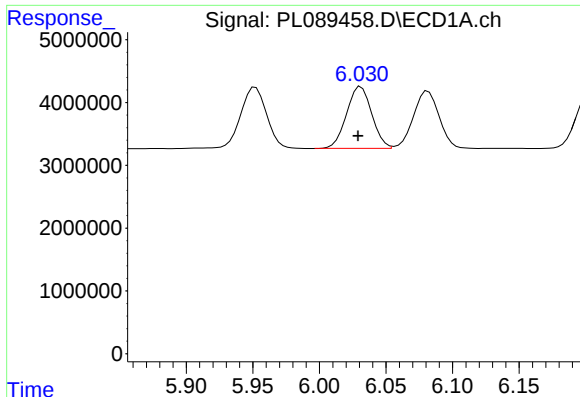
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.001 min
Response: 12898622
Conc: 5.64 ng/ml m



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: -0.001 min
Response: 8404331
Conc: 5.12 ng/ml m



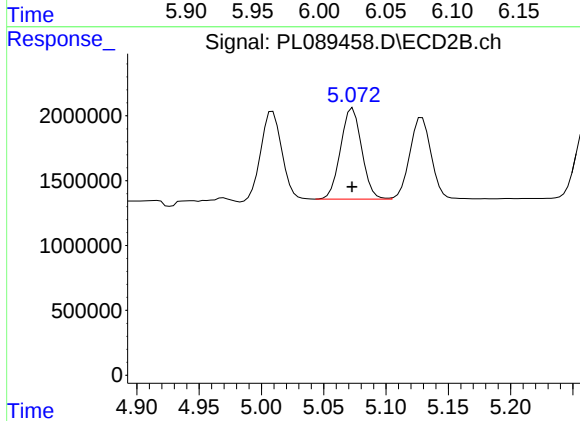
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 12984944
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

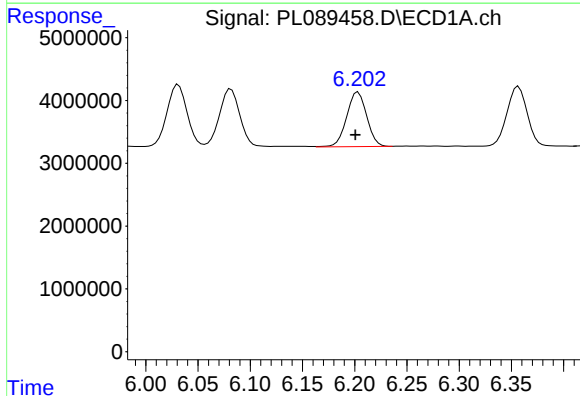
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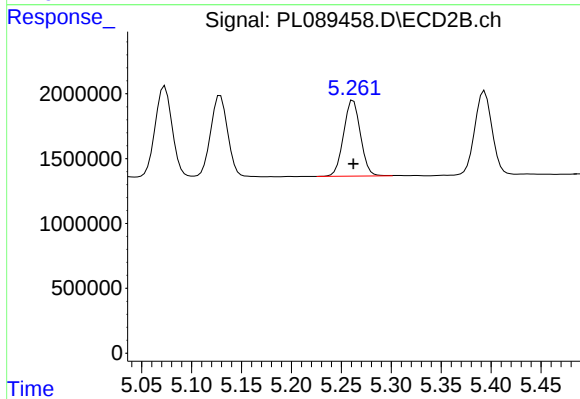
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 8336693
Conc: 5.06 ng/ml m



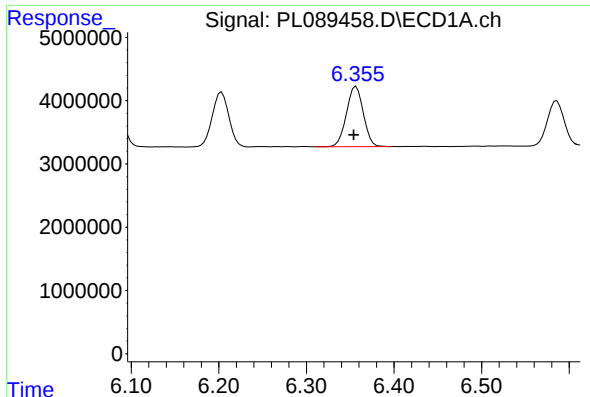
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 11580586
Conc: 5.72 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 6879967
Conc: 4.73 ng/ml



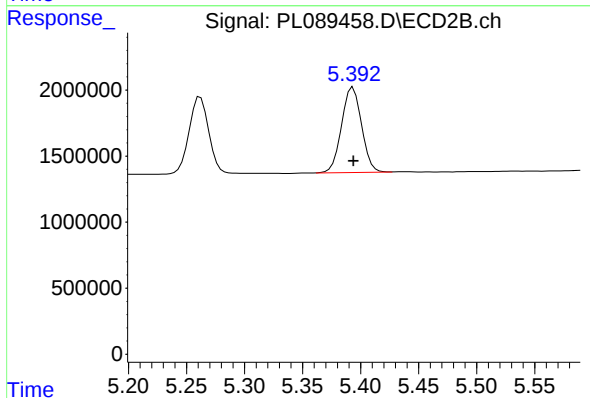
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 12800433
Conc: 5.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

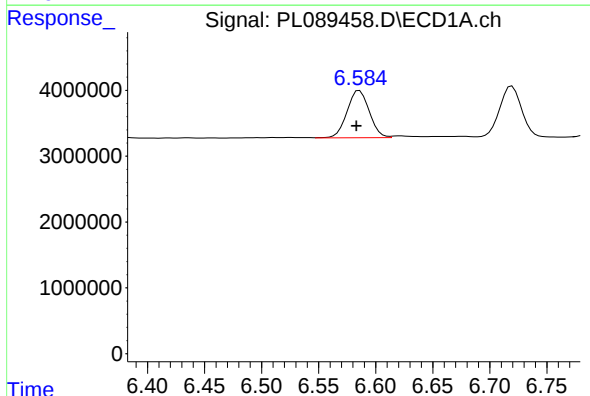
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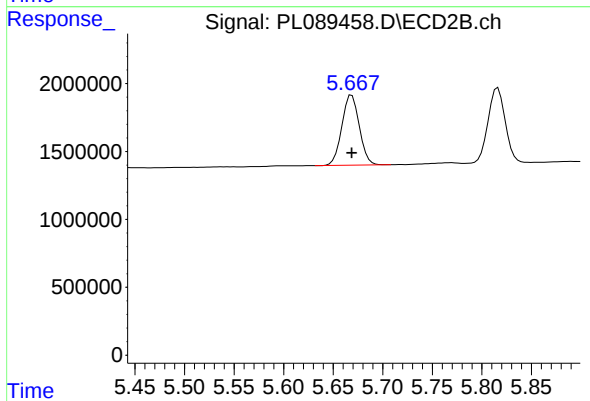
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 7729638
Conc: 4.80 ng/ml



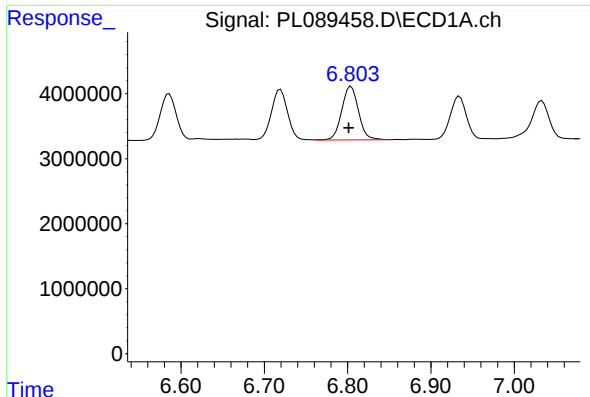
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 9733541
Conc: 5.14 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 6317672
Conc: 4.39 ng/ml



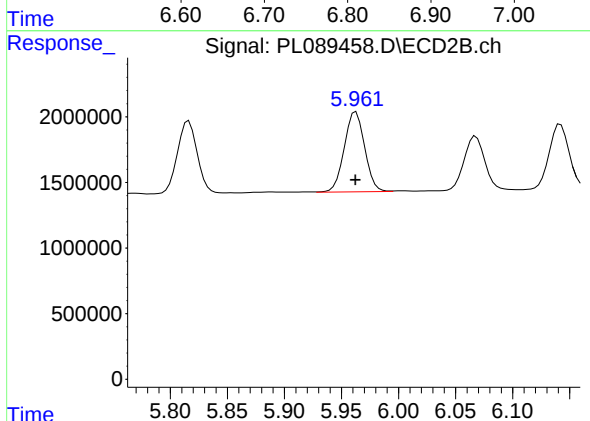
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 11474961
Conc: 5.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

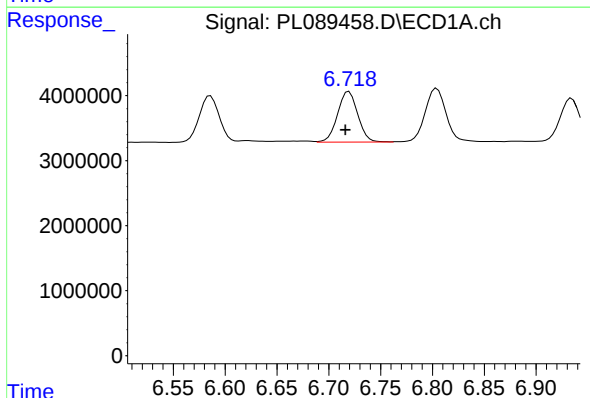
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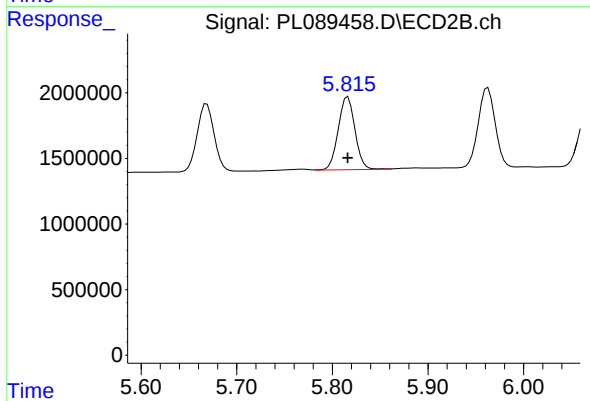
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 7598686
Conc: 5.28 ng/ml



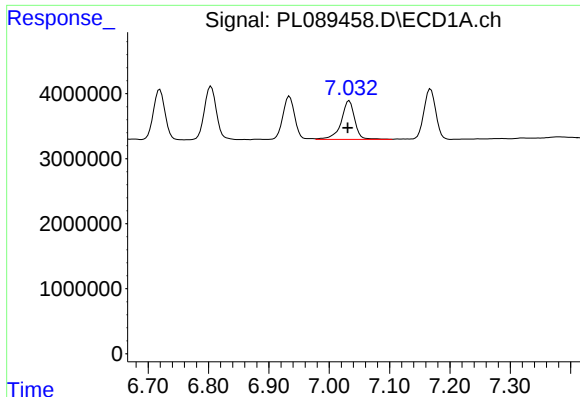
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 10535549
Conc: 6.25 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 6765522
Conc: 5.49 ng/ml



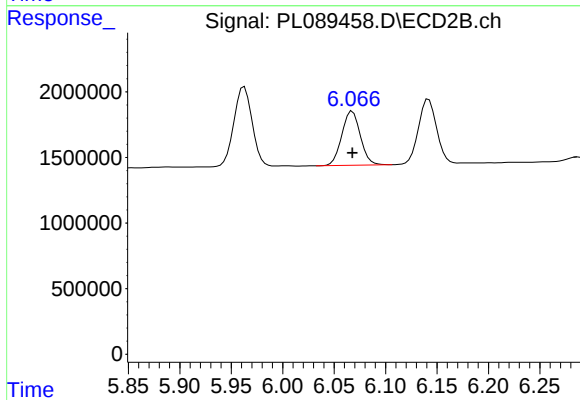
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 9352566
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

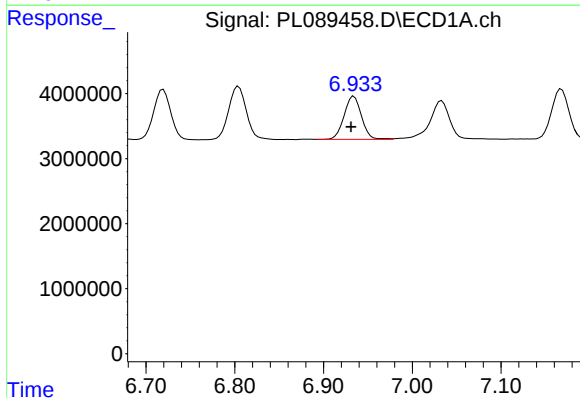
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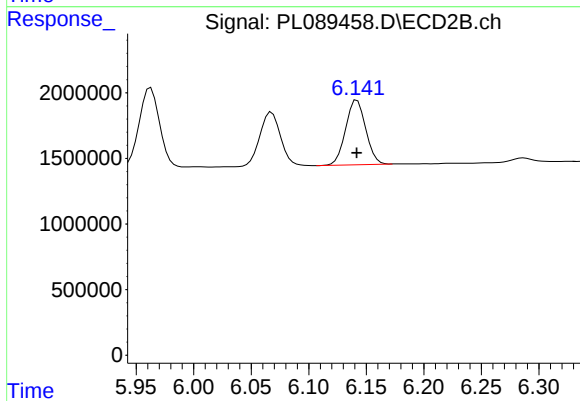
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 5172217
Conc: 3.82 ng/ml



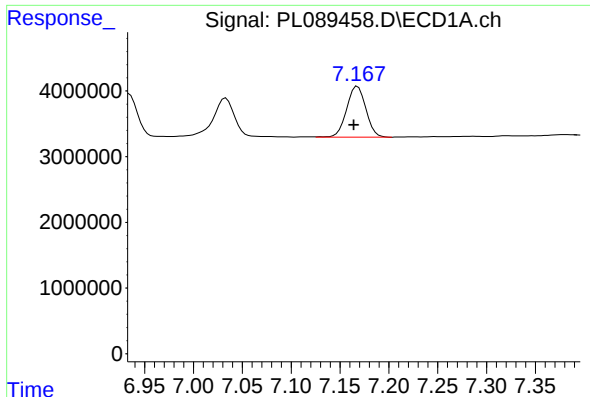
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 9022729
Conc: 5.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 6026228
Conc: 5.42 ng/ml



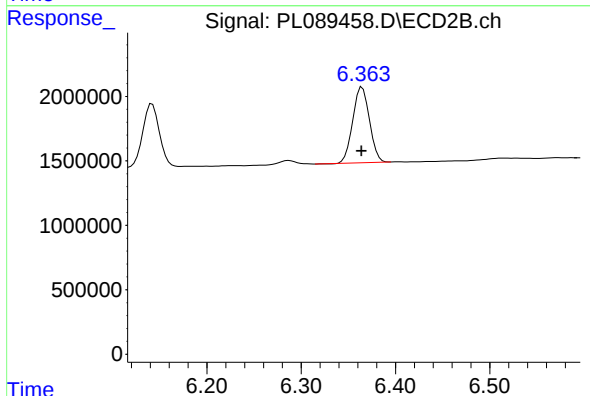
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 10652063
Conc: 5.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

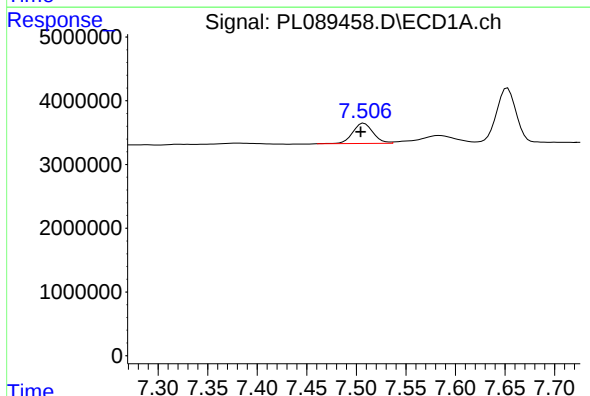
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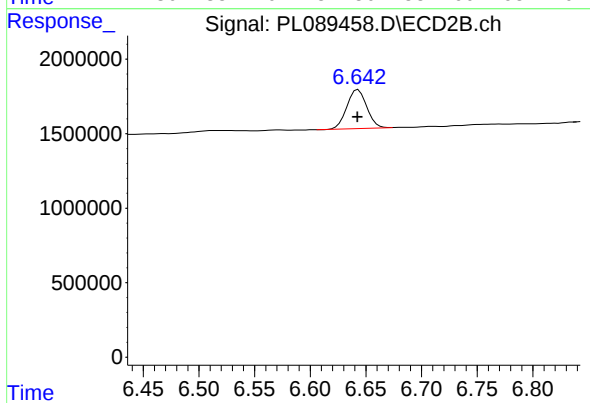
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 7227249
Conc: 5.21 ng/ml



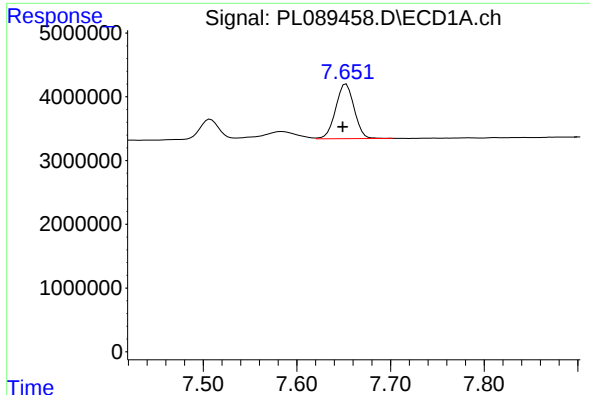
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 4593195
Conc: 4.67 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 3263627
Conc: 4.08 ng/ml



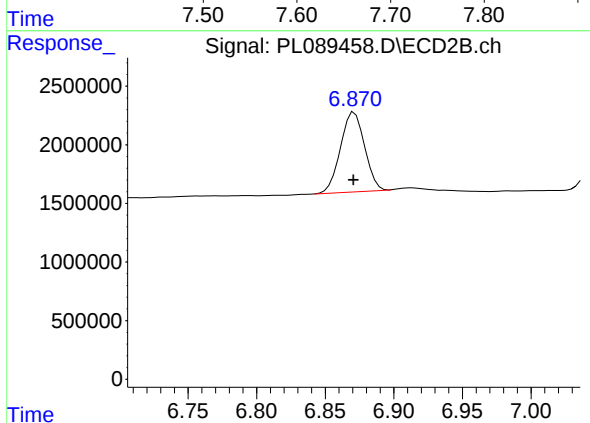
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 11788689
Conc: 5.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

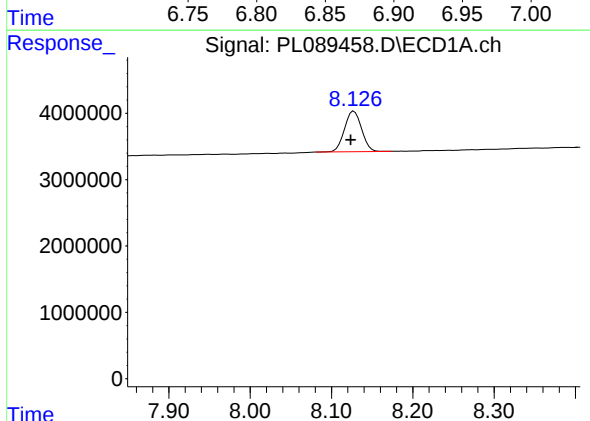
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



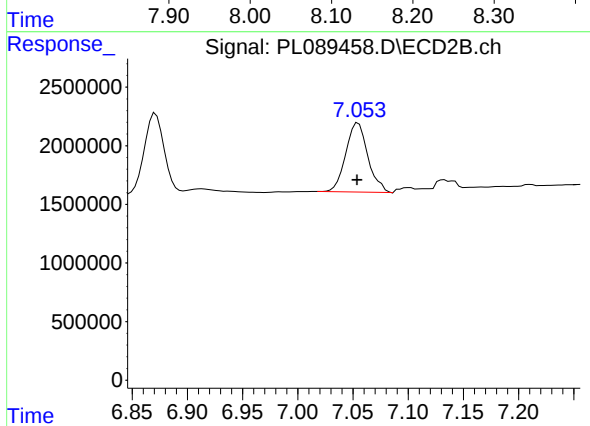
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 8326557
Conc: 5.21 ng/ml



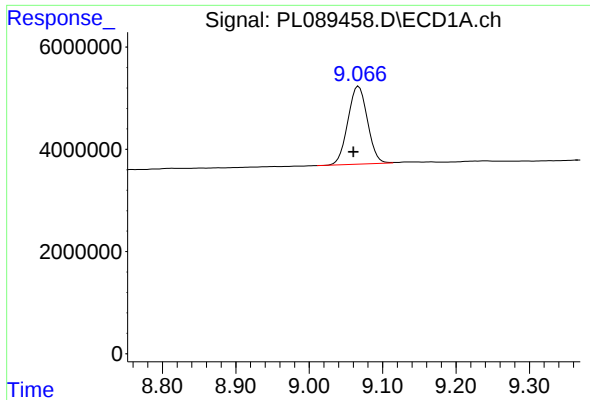
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.004 min
Response: 8903259
Conc: 5.73 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 8242960
Conc: 6.04 ng/ml



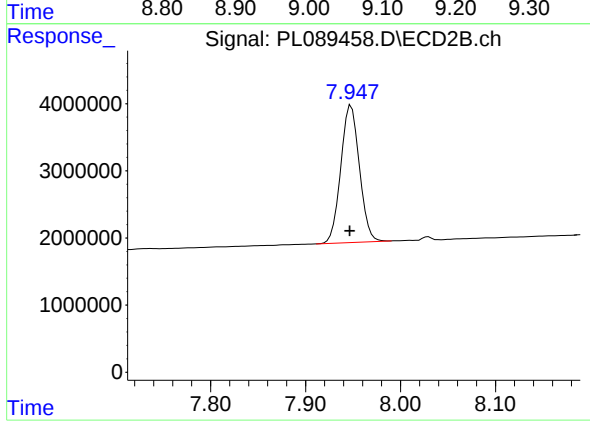
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 28241228
Conc: 20.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.001 min
Response: 27914050
Conc: 20.75 ng/ml