

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 12:14
 Operator : AR\AJ
 Sample : P3390-07
 Misc : PEST LOD 2.5PPB/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 00:32:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.546	2.787	34423814	28342826	16.532	16.841
28)	SA Decachlor...	9.055	7.929	25896791	27974481	19.488m	19.186
Target Compounds							
2)	A alpha-BHC	4.000	3.288	6999176	4518072	2.359	1.870m
3)	MA gamma-BHC...	4.333	3.620	6558834	5047997	2.342	2.189
4)	MA Heptachlor	4.920	3.960	6542511	4655939	2.571m	2.111
5)	MB Aldrin	5.263	4.239	6637224	4466774	2.657	2.100m
6)	B beta-BHC	4.527	3.918	3995821	2531308	3.150m	2.452
7)	B delta-BHC	4.775	4.148	7522551	4355912	2.806	1.980 #
8)	B Heptachlo...	5.687	4.742	6483242	4568300	2.758m	2.342
9)	A Endosulfan I	6.073	5.112	5872449	4130661	2.746	2.259
10)	B gamma-Chl...	5.942	4.992	6470240	4774121	2.783m	2.355
11)	B alpha-Chl...	6.022	5.056	6032077	4768536	2.628m	2.360
12)	B 4,4'-DDE	6.195	5.244	5332490	3801612	2.637	2.127m
13)	MA Dieldrin	6.347	5.377	6047736	4322481	2.722m	2.204
14)	MA Endrin	6.577	5.652	4360763	3506179	2.372	2.037
15)	B Endosulfa...	6.795	5.946	5992174	4185191	3.047m	2.450
16)	A 4,4'-DDD	6.711	5.800	4997216	3952867	2.960	2.638
17)	MA 4,4'-DDT	7.024	6.050	3623426	2547598	2.153m	1.739
18)	B Endrin al...	6.927	6.125	4251652	3369680	2.866	2.579
19)	B Endosulfa...	7.159	6.348	5156882	4131612	2.936m	2.562
20)	A Methoxychlor	7.500	6.626	2258863	1686006	2.558m	2.085
21)	B Endrin ke...	7.644	6.853	5527912	4461235	2.896m	2.441
22)	Mirex	8.119	7.036	4566683	4202281	3.225	2.827

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 12:14
Operator : AR\AJ
Sample : P3390-07
Misc : PEST LOD 2.5PPB/WATER
ALS Vial : 10 Sample Multiplier: 1

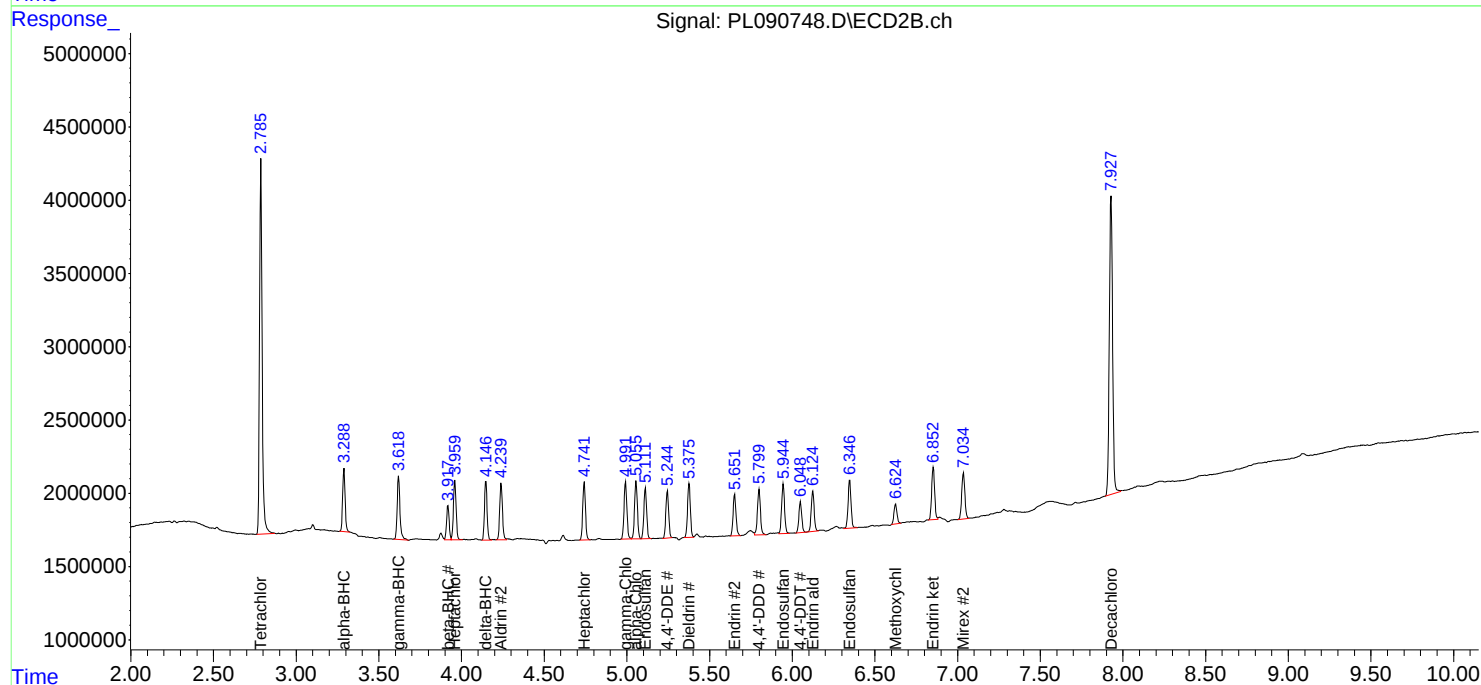
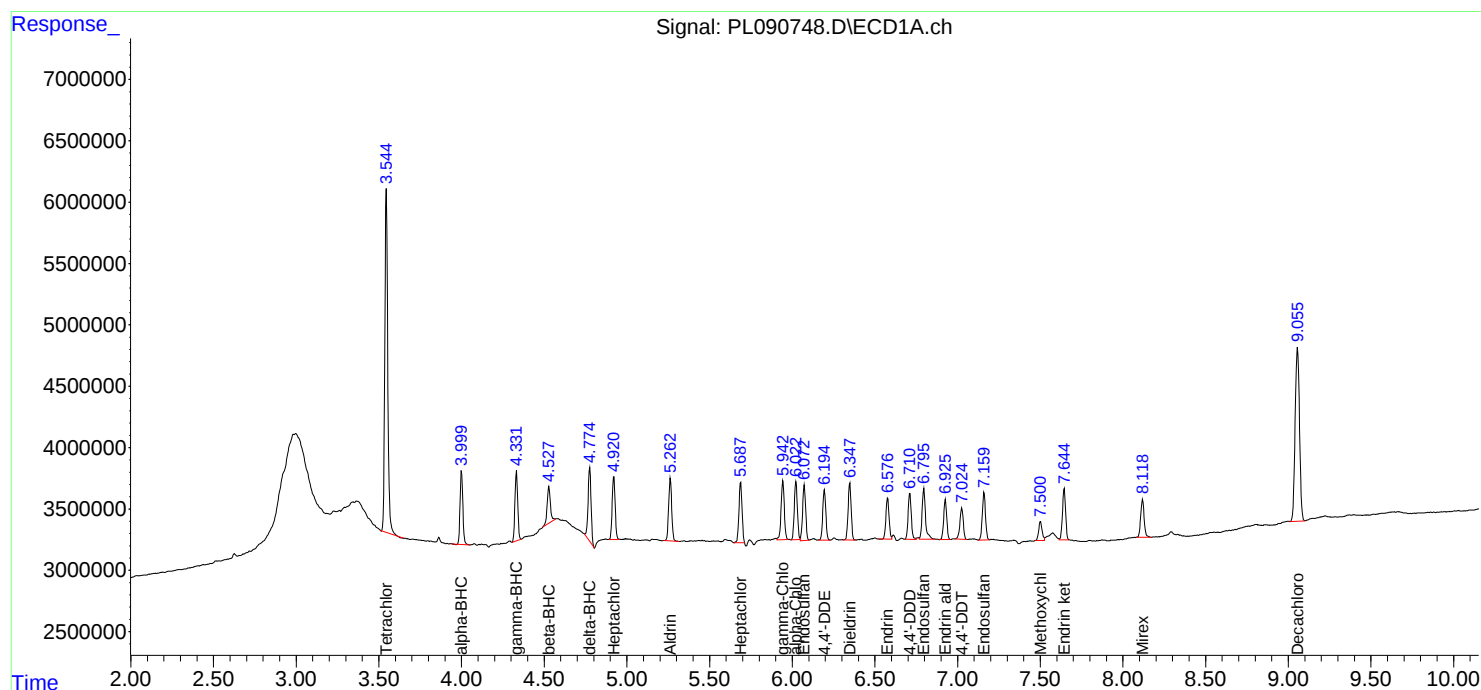
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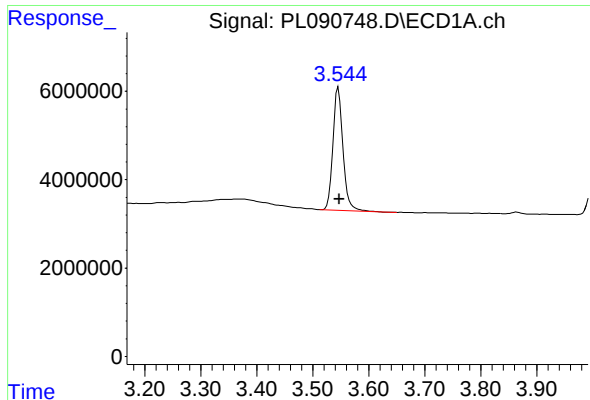
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:32:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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Volume 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





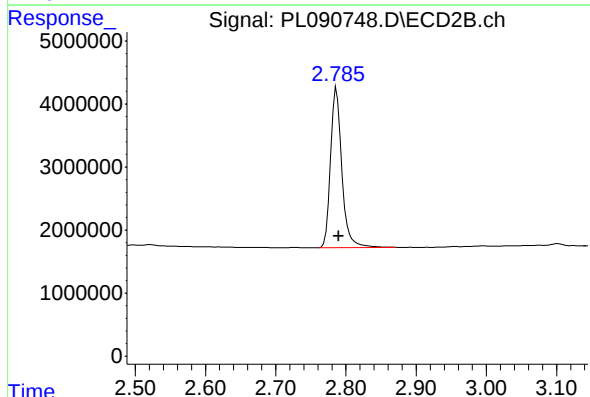
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.001 min
Response: 34423814
Conc: 16.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

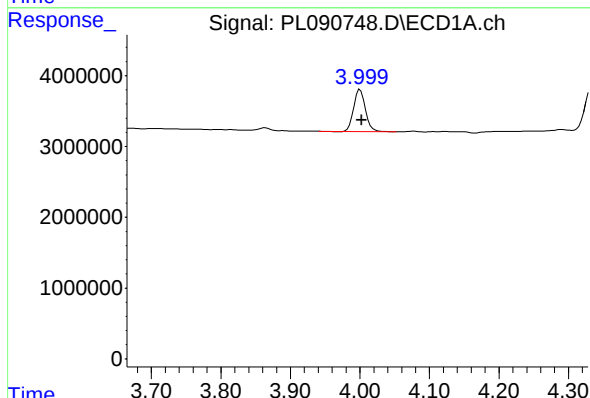
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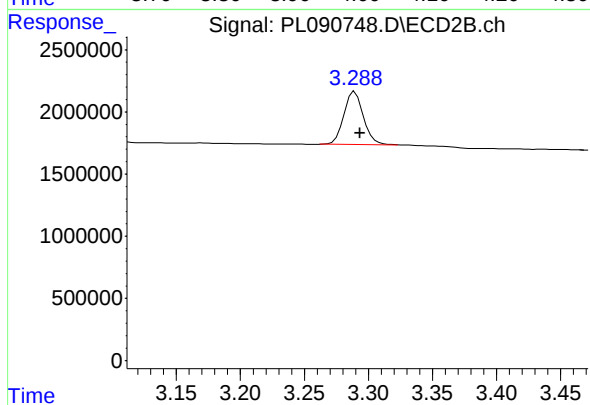
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: -0.003 min
Response: 28342826
Conc: 16.84 ng/ml



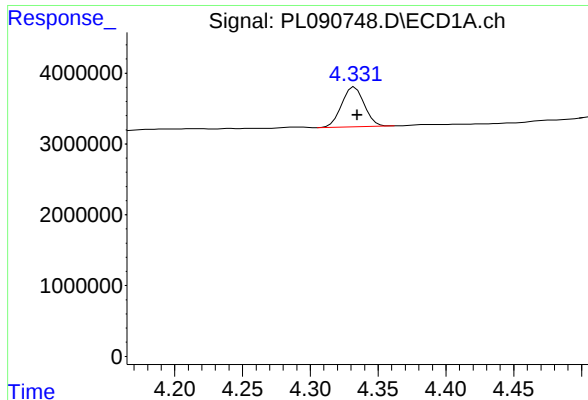
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 6999176
Conc: 2.36 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: -0.005 min
Response: 4518072
Conc: 1.87 ng/ml m



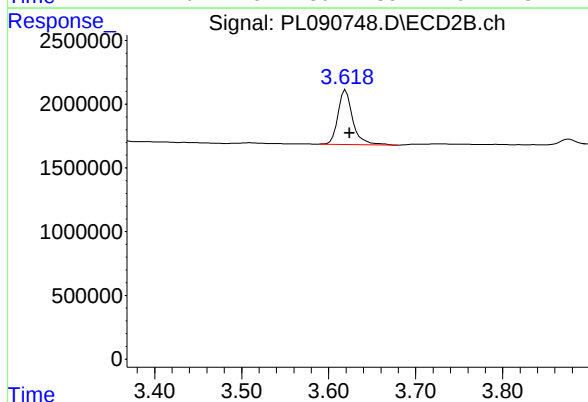
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.002 min
Response: 6558834
Conc: 2.34 ng/ml

Instrument :
ECD_L
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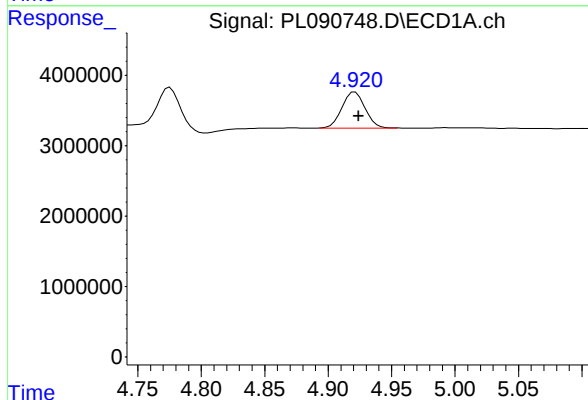
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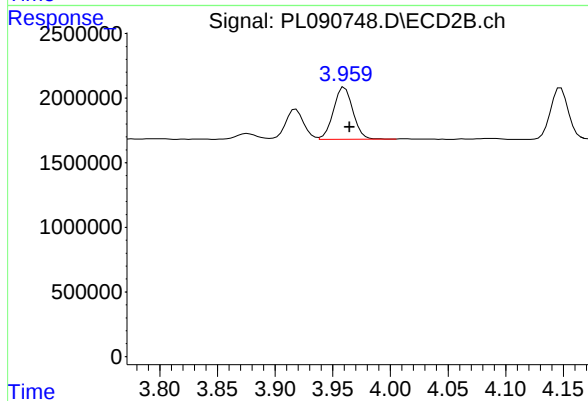
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.004 min
Response: 5047997
Conc: 2.19 ng/ml



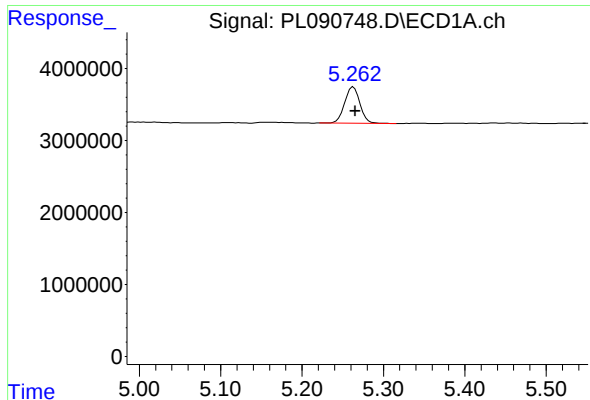
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 6542511
Conc: 2.57 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 4655939
Conc: 2.11 ng/ml



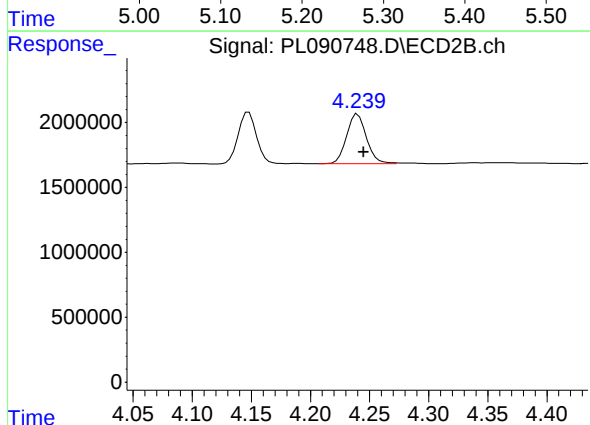
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 6637224
Conc: 2.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
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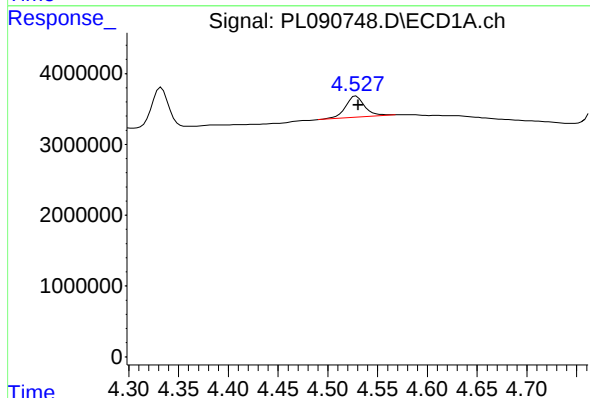
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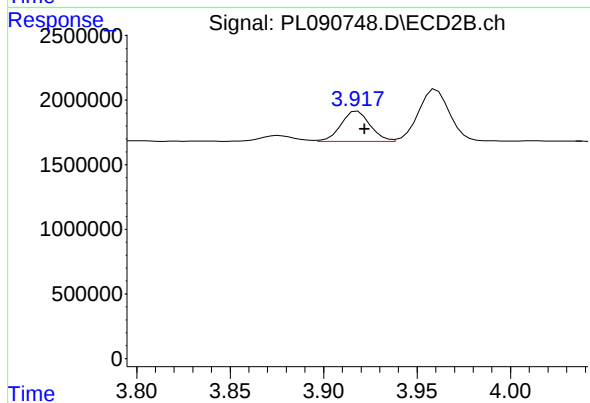
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.006 min
Response: 4466774
Conc: 2.10 ng/ml m



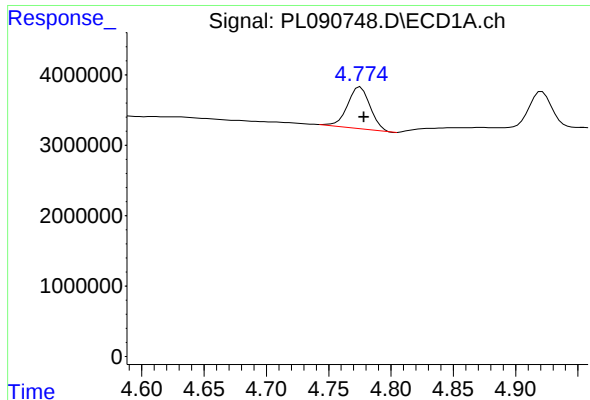
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.004 min
Response: 3995821
Conc: 3.15 ng/ml m



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 2531308
Conc: 2.45 ng/ml



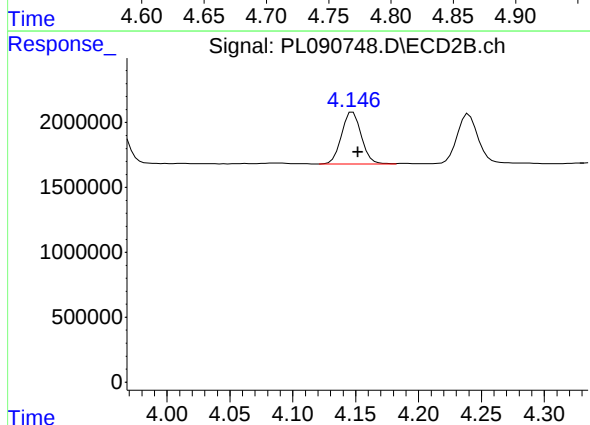
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 7522551
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

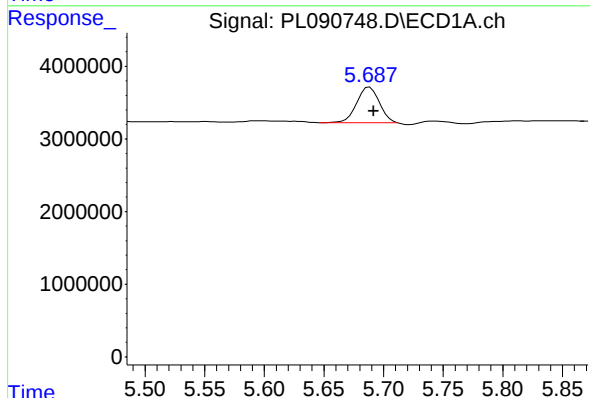
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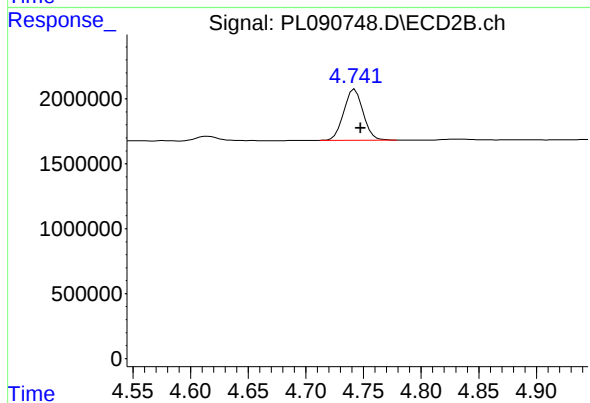
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 4355912
Conc: 1.98 ng/ml



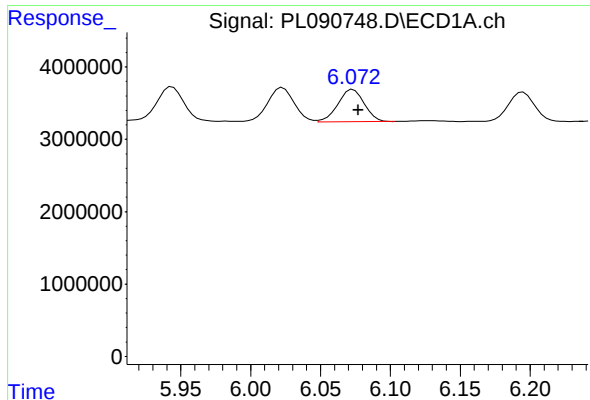
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.005 min
Response: 6483242
Conc: 2.76 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: -0.005 min
Response: 4568300
Conc: 2.34 ng/ml



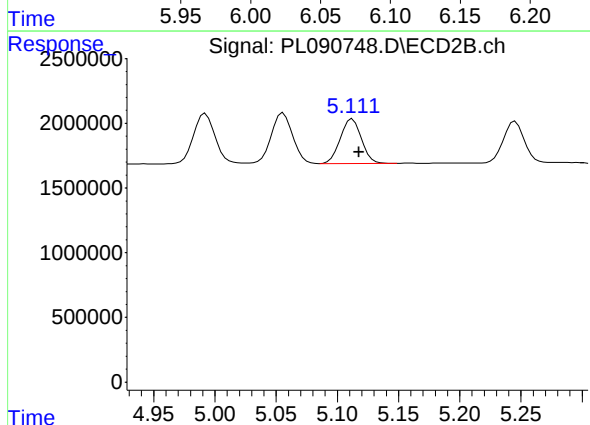
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 5872449
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

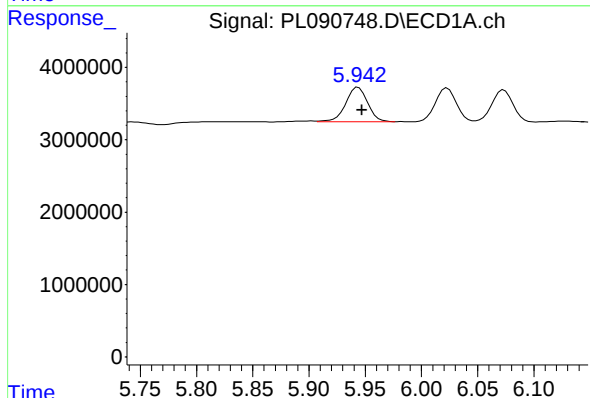
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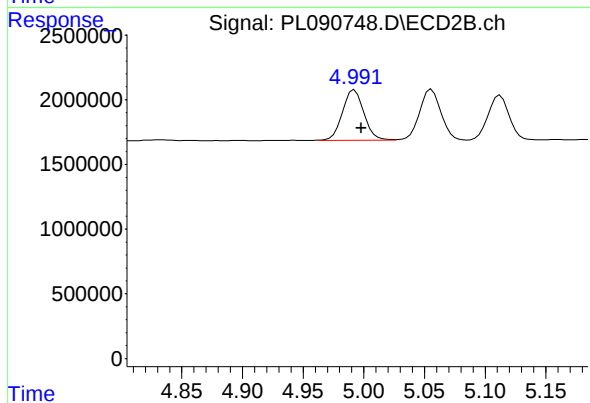
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 4130661
Conc: 2.26 ng/ml



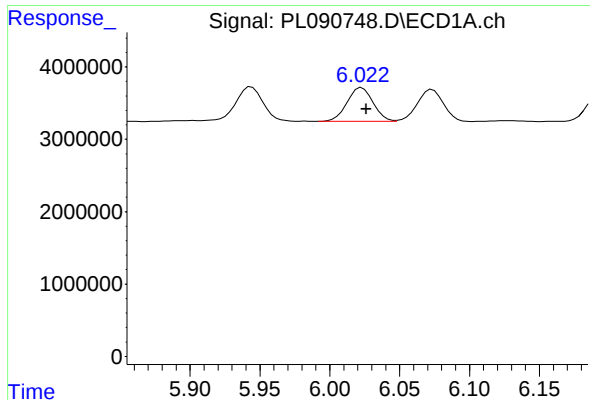
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.005 min
Response: 6470240
Conc: 2.78 ng/ml m



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 4774121
Conc: 2.35 ng/ml



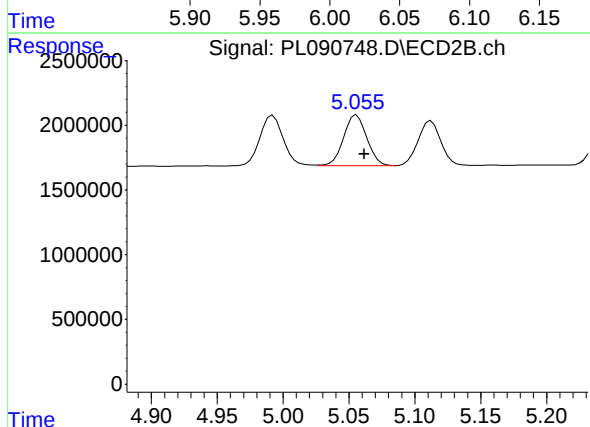
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 6032077
Conc: 2.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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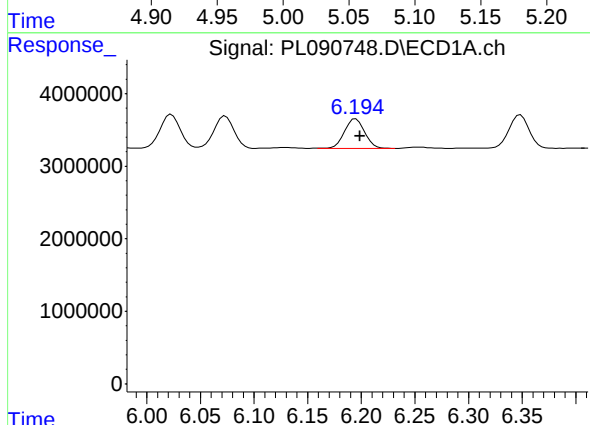
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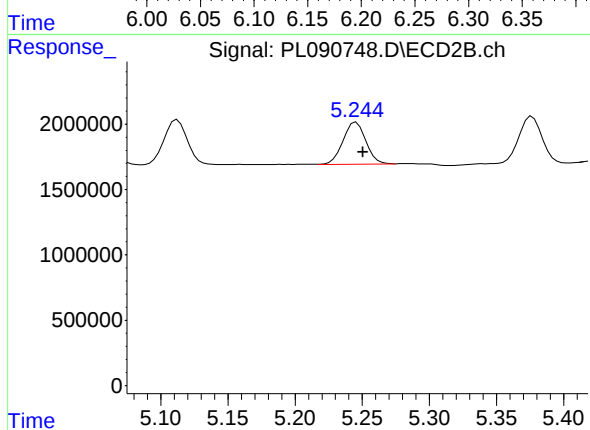
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 4768536
Conc: 2.36 ng/ml



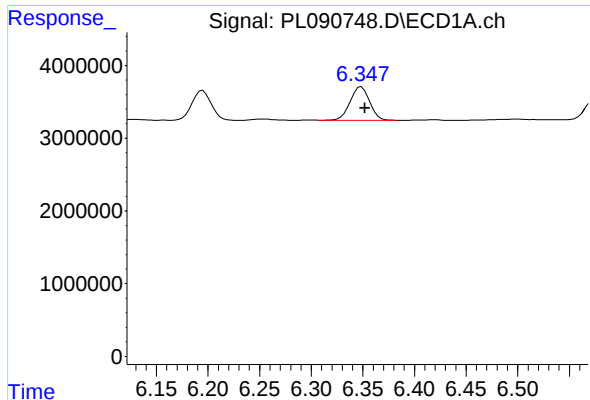
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.004 min
Response: 5332490
Conc: 2.64 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.006 min
Response: 3801612
Conc: 2.13 ng/ml m



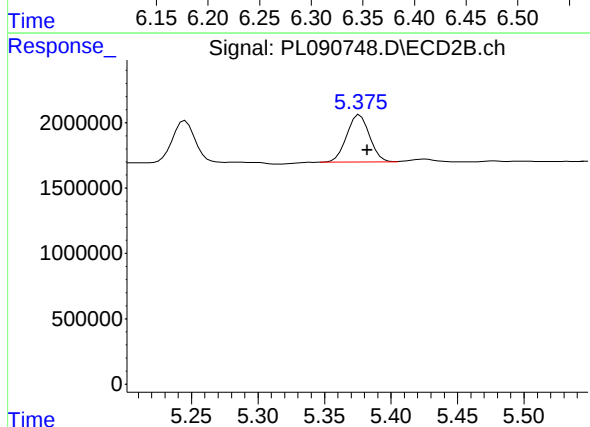
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.005 min
Response: 6047736
Conc: 2.72 ng/ml

Instrument :
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ClientSampleId :
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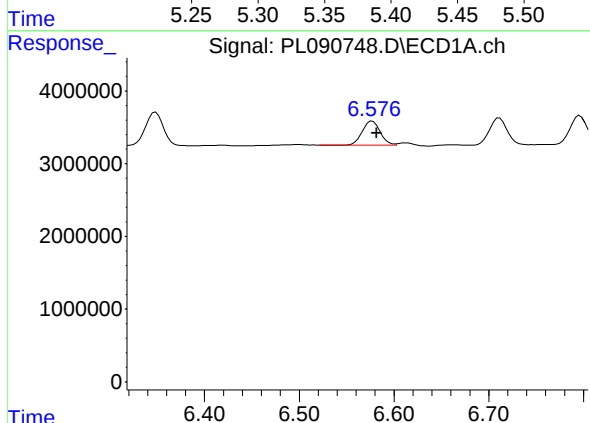
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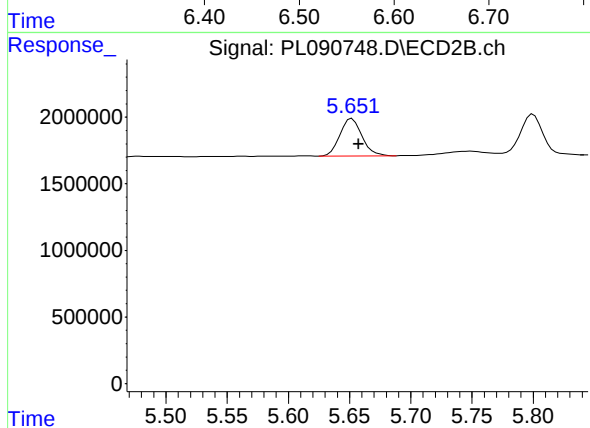
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.006 min
Response: 4322481
Conc: 2.20 ng/ml



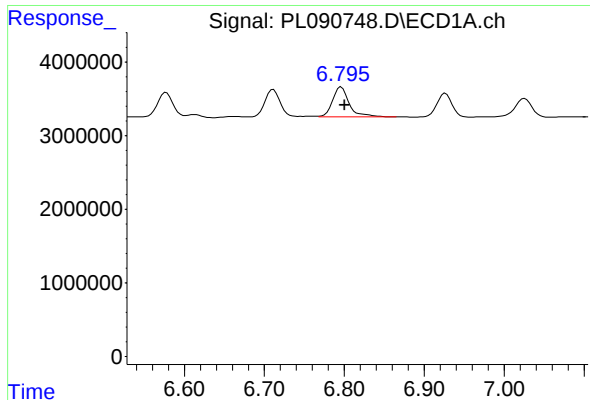
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.004 min
Response: 4360763
Conc: 2.37 ng/ml



#14 Endrin

R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 3506179
Conc: 2.04 ng/ml



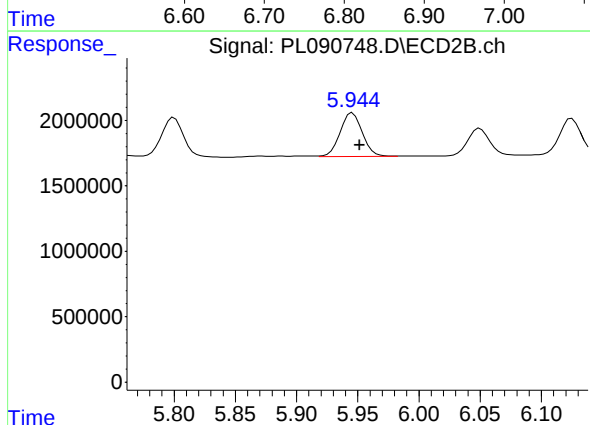
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.006 min
Response: 5992174
Conc: 3.05 ng/ml

Instrument :
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ClientSampleId :
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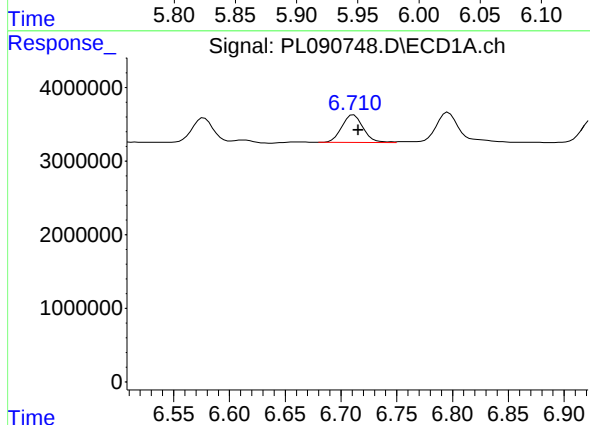
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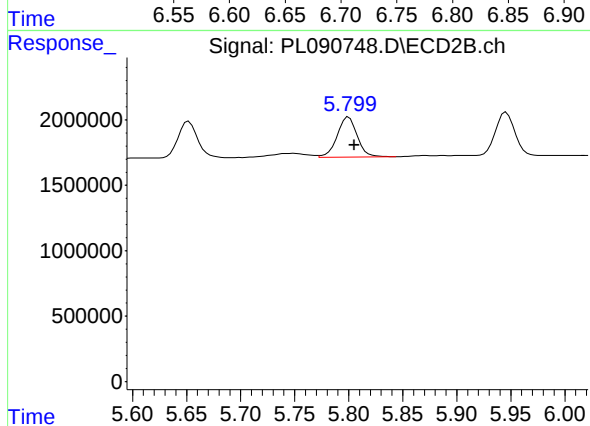
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 4185191
Conc: 2.45 ng/ml



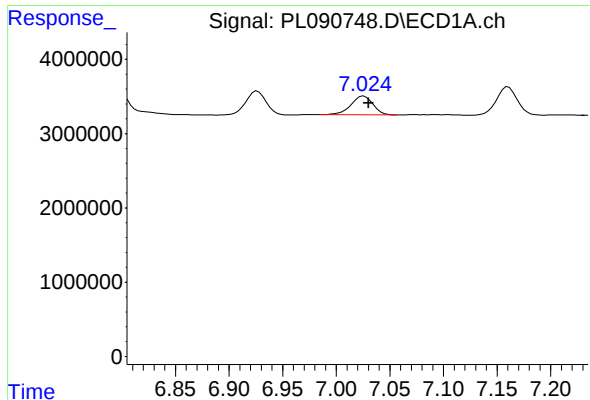
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 4997216
Conc: 2.96 ng/ml



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 3952867
Conc: 2.64 ng/ml



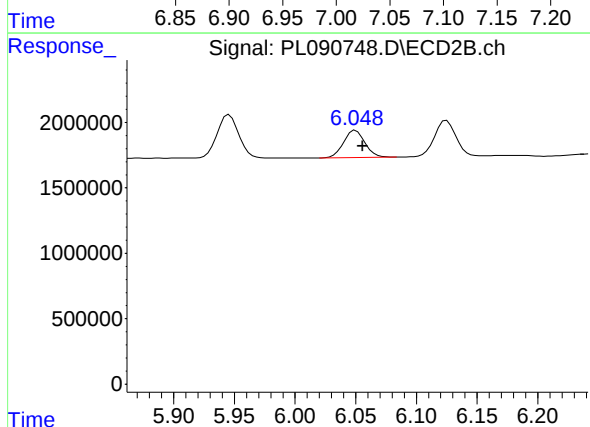
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.006 min
Response: 3623426
Conc: 2.15 ng/ml

Instrument :
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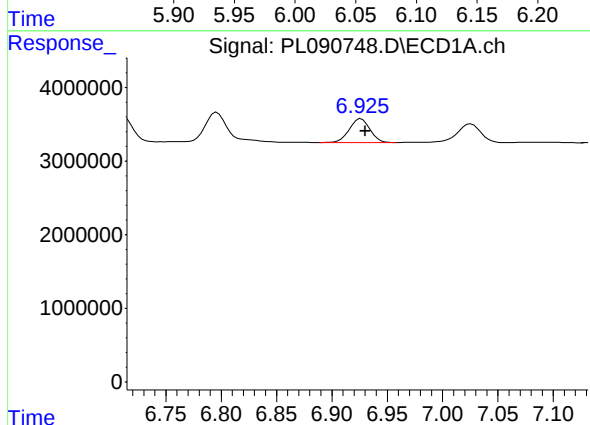
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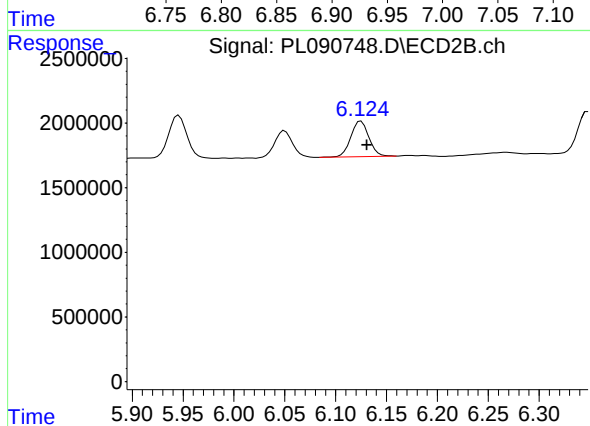
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: -0.006 min
Response: 2547598
Conc: 1.74 ng/ml



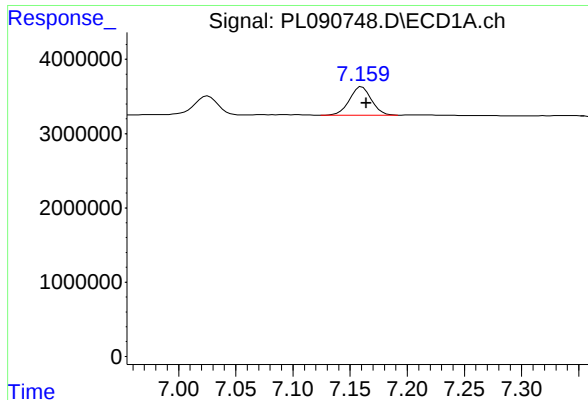
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 4251652
Conc: 2.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.006 min
Response: 3369680
Conc: 2.58 ng/ml



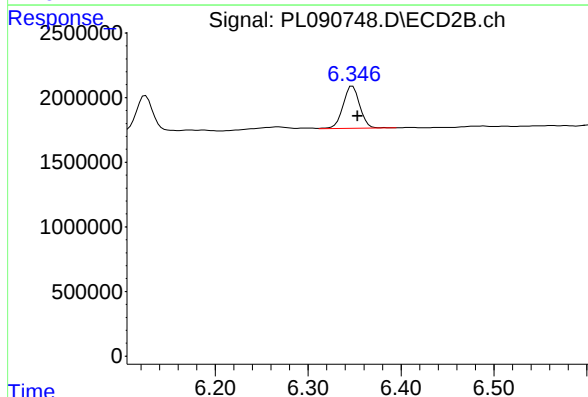
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.005 min
Response: 5156882
Conc: 2.94 ng/ml

Instrument :
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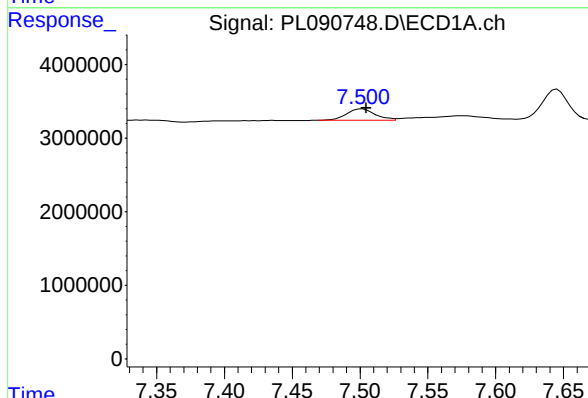
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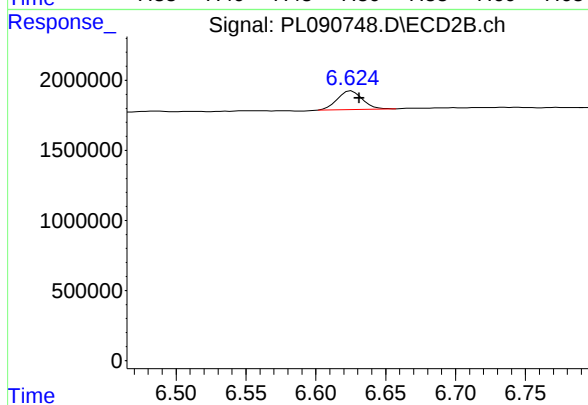
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.006 min
Response: 4131612
Conc: 2.56 ng/ml



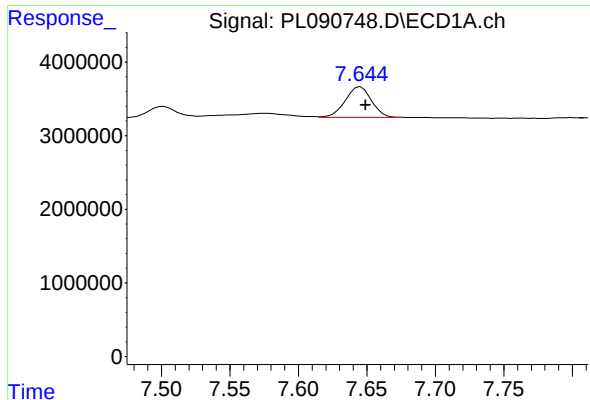
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.005 min
Response: 2258863
Conc: 2.56 ng/ml m



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.006 min
Response: 1686006
Conc: 2.09 ng/ml



#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 5527912
Conc: 2.90 ng/ml

Instrument :

ECD_L

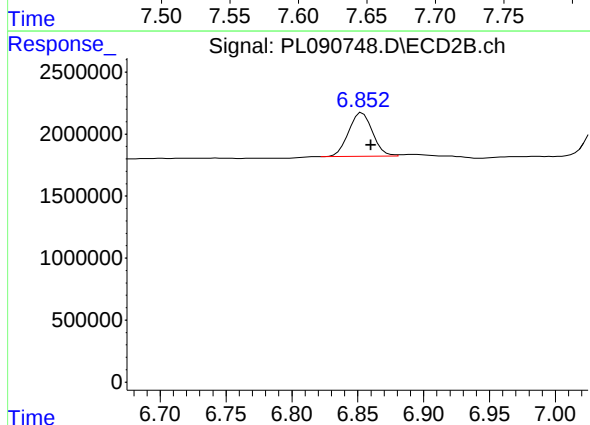
ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Manual Integrations

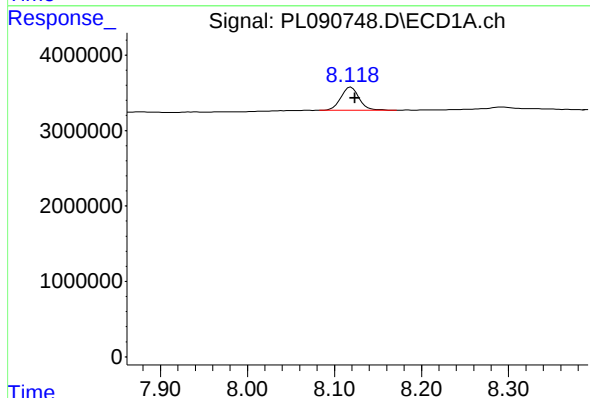
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



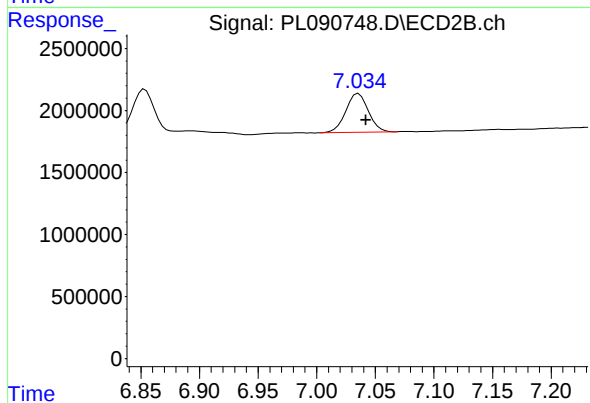
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.007 min
Response: 4461235
Conc: 2.44 ng/ml



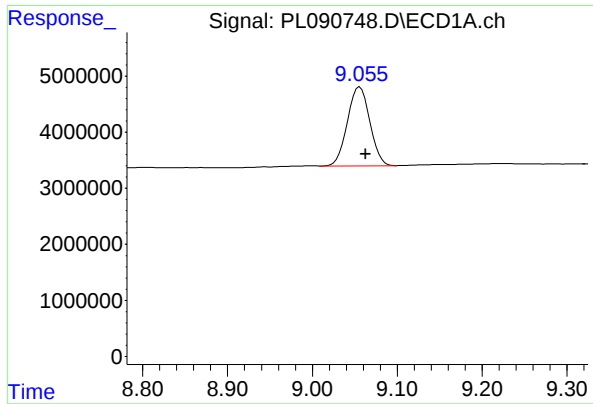
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 4566683
Conc: 3.22 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.006 min
Response: 4202281
Conc: 2.83 ng/ml



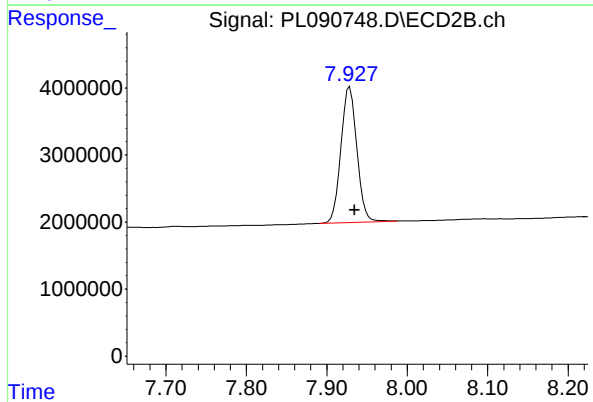
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.008 min
Response: 25896791
Conc: 19.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.006 min
Response: 27974481
Conc: 19.19 ng/ml