

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
 Data File : PL093509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2024 19:34
 Operator : AR\AJ
 Sample : P5355-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR251688MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2024
 Supervised By : Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 01:49:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.539	2.777	28621474	32661409	11.561m	11.219
28)	SA Decachlor...	9.053	7.912	14106936	18094709	7.629	6.060
Target Compounds							
2)	A alpha-BHC	3.996	3.279	146.8E6	193.5E6	42.532	44.524
3)	MA gamma-BHC...	4.329	3.609	134.0E6	183.8E6	40.872	43.561
4)	MA Heptachlor	4.917	3.947	122.1E6	186.6E6	41.684	44.911
5)	MB Aldrin	5.258	4.227	114.9E6	172.6E6	39.494	42.075
6)	B beta-BHC	4.527	3.909	62236340	86241686	43.172	47.979
7)	B delta-BHC	4.773	4.138	126.3E6	181.5E6	41.239	42.928
8)	B Heptachlo...	5.683	4.729	114.1E6	160.0E6	43.296m	41.777
9)	A Endosulfan I	6.070	5.099	93182231	140.9E6	39.496	40.334
10)	B gamma-Chl...	5.940	4.978	141.5E6	204.7E6	56.300	53.120m
11)	B alpha-Chl...	6.021	5.042	167.5E6	223.6E6	66.930	58.740
12)	B 4,4'-DDE	6.192	5.231	99570850	178.1E6	44.375	48.426
13)	MA Dieldrin	6.345	5.363	101.8E6	168.0E6	40.789	43.598
14)	MA Endrin	6.574	5.638	87017070	138.4E6	40.427	41.847
15)	B Endosulfa...	6.794	5.933	89650499	154.6E6	39.437	47.590
16)	A 4,4'-DDD	6.710	5.786	83339287	118.1E6	47.461	41.735
17)	MA 4,4'-DDT	7.023	6.036	84848943	135.5E6	45.901	44.850
18)	B Endrin al...	6.924	6.111	63448633	113.7E6	35.755	42.233
19)	B Endosulfa...	7.159	6.335	91356479	130.0E6	45.248	41.212
20)	A Methoxychlor	7.499	6.611	40608372	64945989	40.621	40.348
21)	B Endrin ke...	7.643	6.840	92145403	140.5E6	41.066	38.596
22)	Mirex	8.116	7.020	69339276	107.6E6	37.105	35.203

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122324\
Data File : PL093509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2024 19:34
Operator : AR\AJ
Sample : P5355-01MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

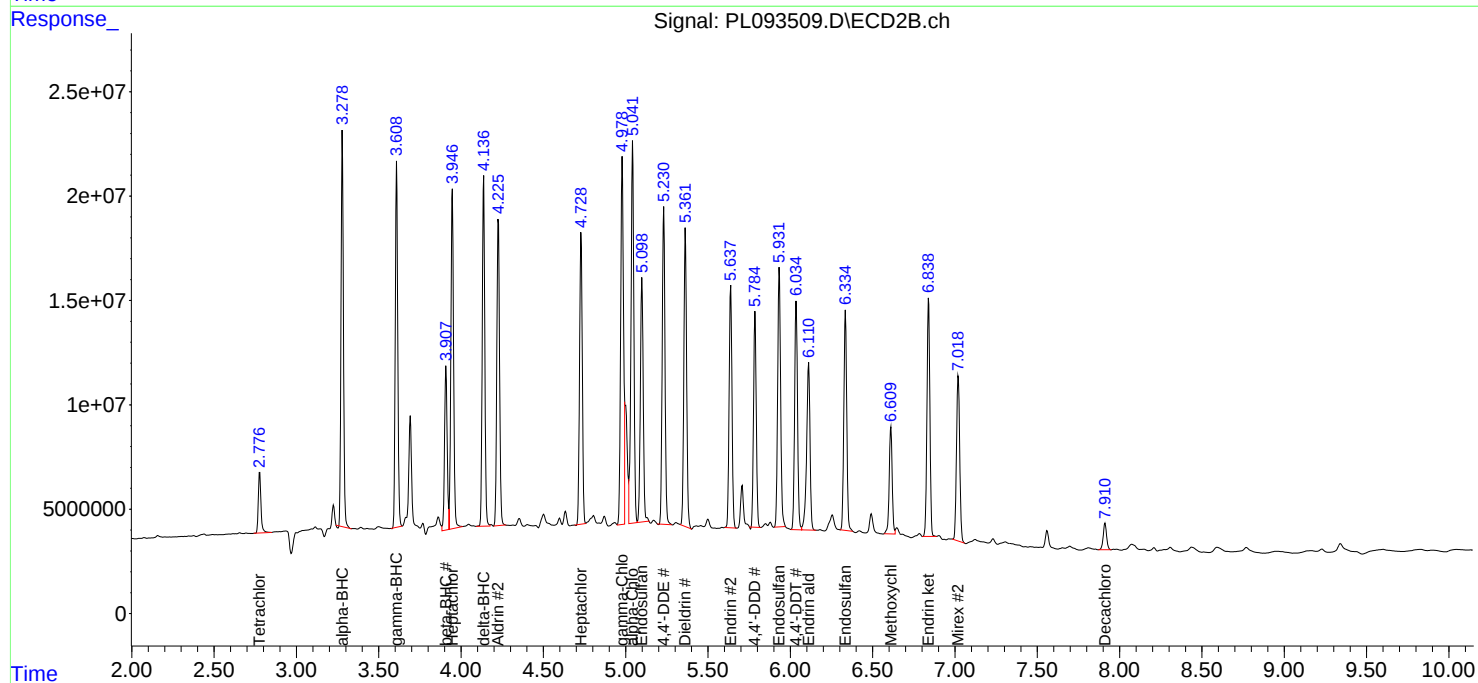
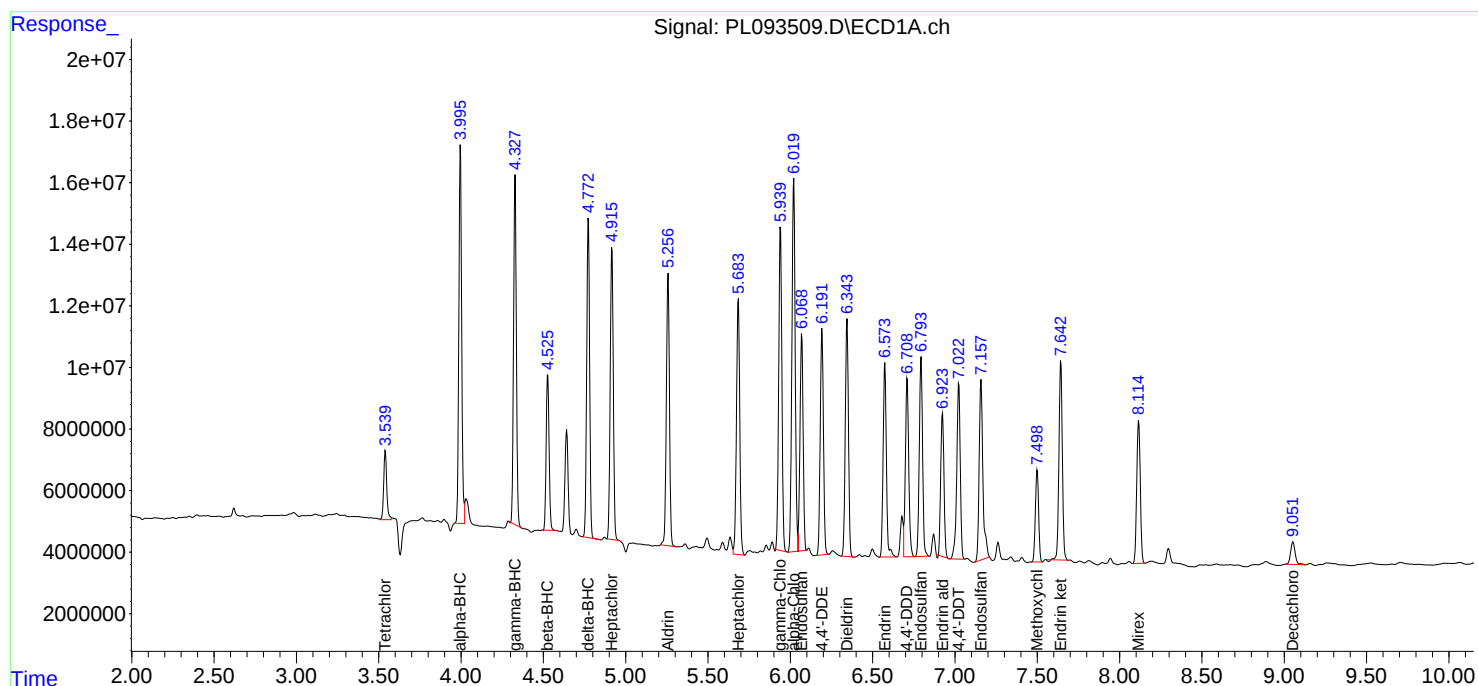
Instrument :
ECD_L
ClientSampleId :
RBR251688MS

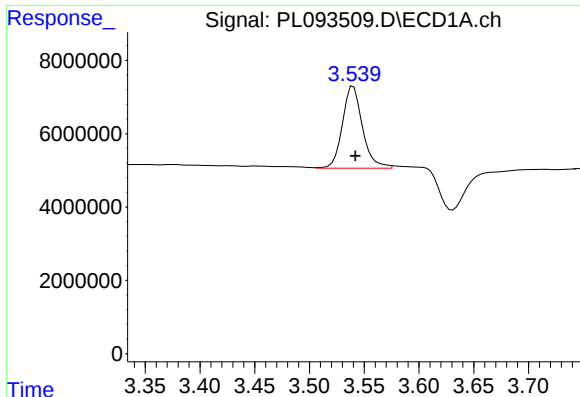
Manual Integrations
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Supervised By : Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 25 01:49:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





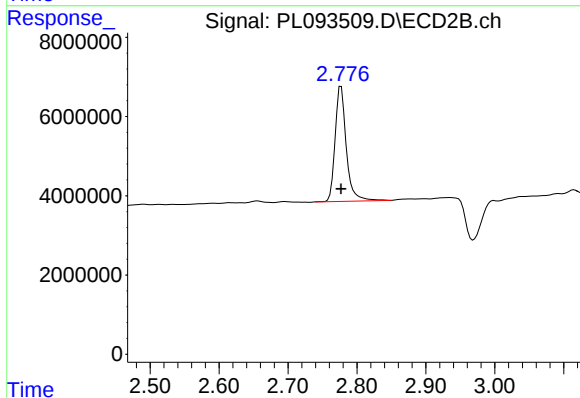
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.003 min
Response: 28621474
Conc: 11.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

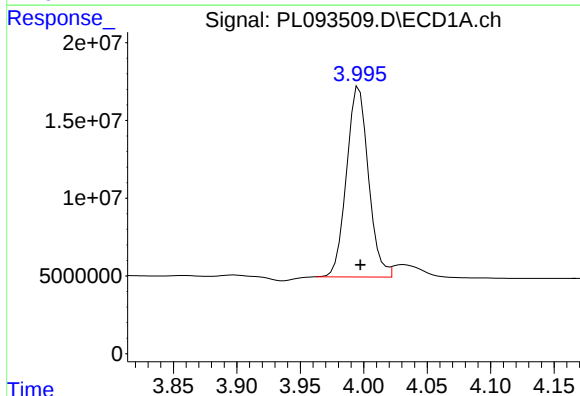
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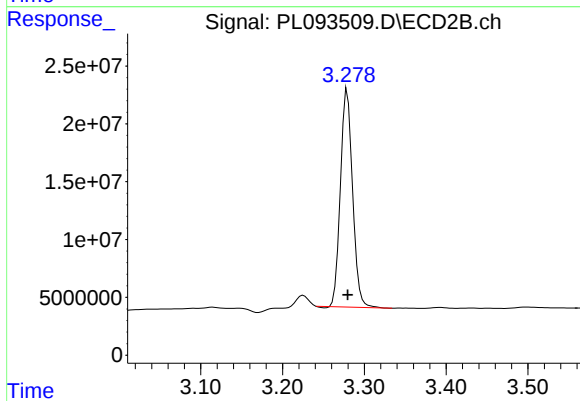
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 32661409
Conc: 11.22 ng/ml



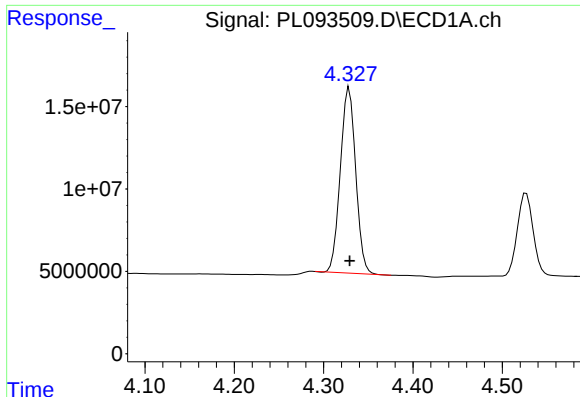
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 146836107
Conc: 42.53 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 193537523
Conc: 44.52 ng/ml



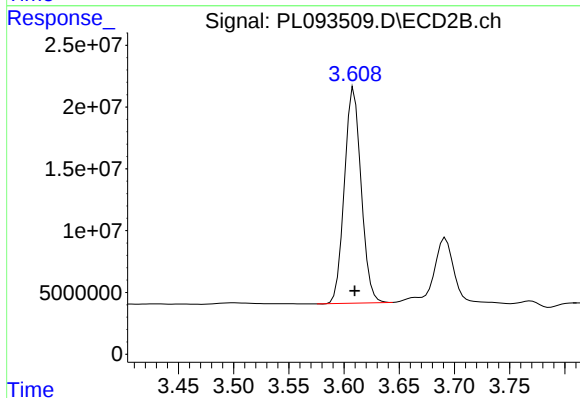
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 134036325
Conc: 40.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

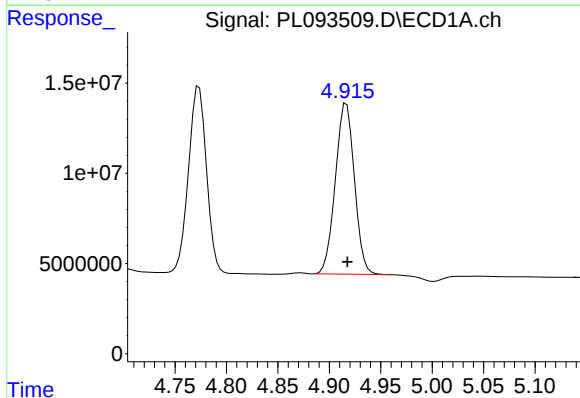
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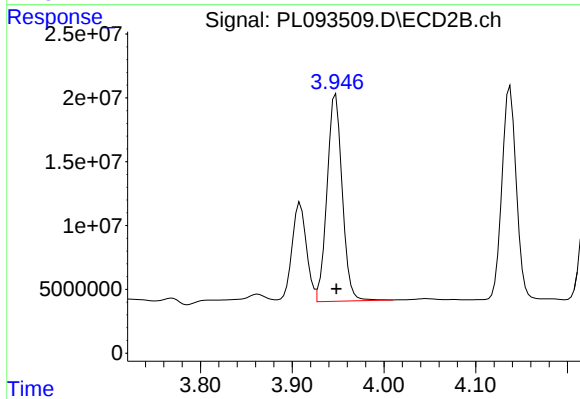
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.000 min
Response: 183798838
Conc: 43.56 ng/ml



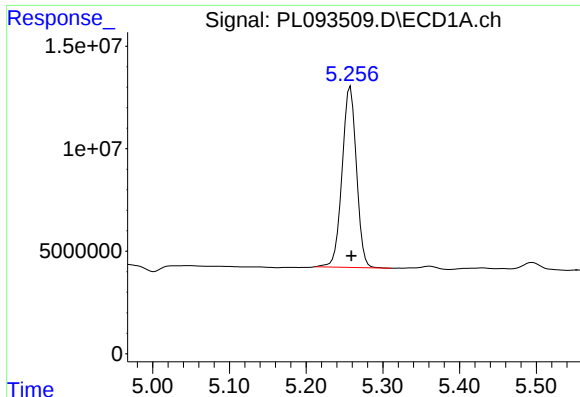
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 122065003
Conc: 41.68 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: 0.000 min
Response: 186648261
Conc: 44.91 ng/ml



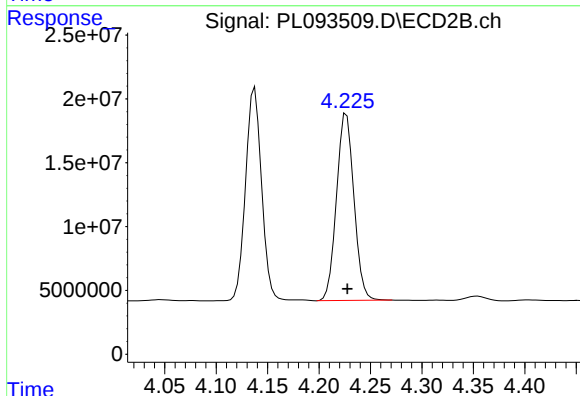
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 114881383
Conc: 39.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

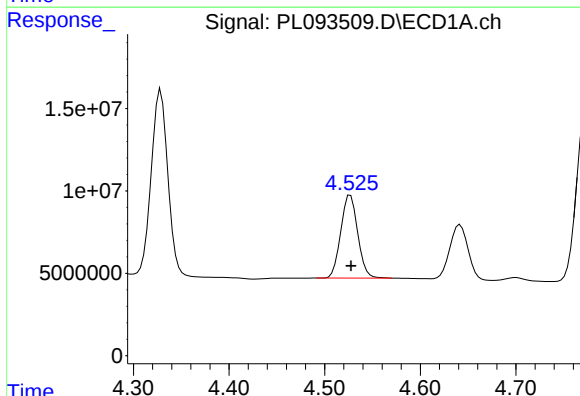
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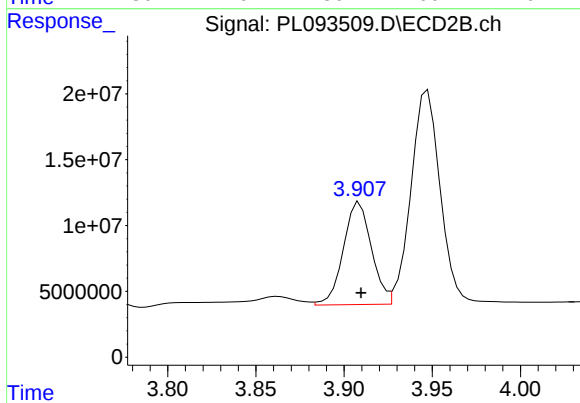
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 172602584
Conc: 42.07 ng/ml



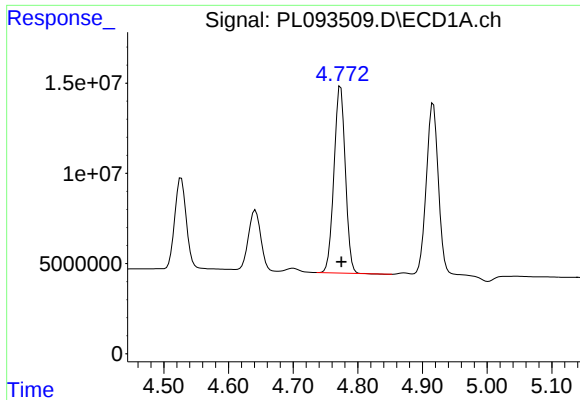
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 62236340
Conc: 43.17 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 86241686
Conc: 47.98 ng/ml



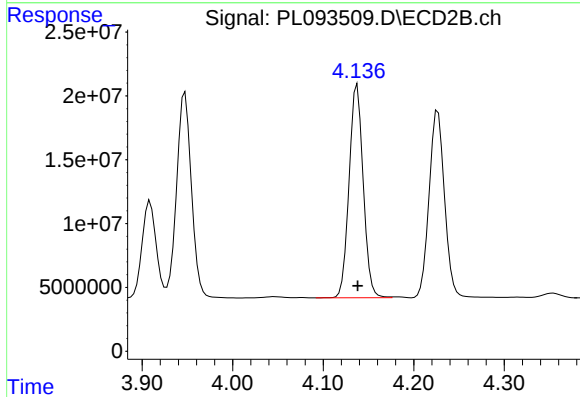
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.001 min
Response: 126297627
Conc: 41.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

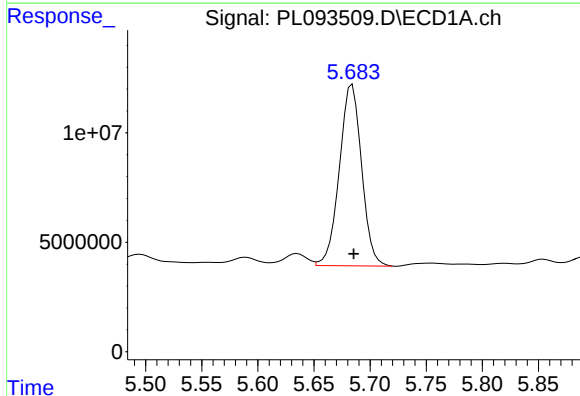
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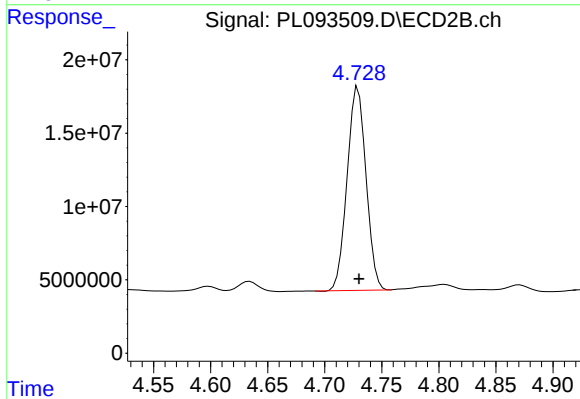
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 181536935
Conc: 42.93 ng/ml



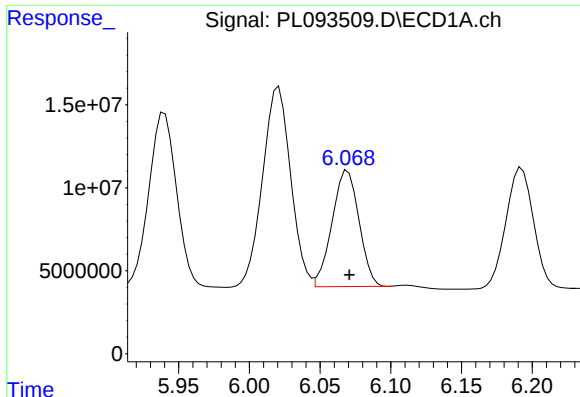
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 114058243
Conc: 43.30 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 159951290
Conc: 41.78 ng/ml



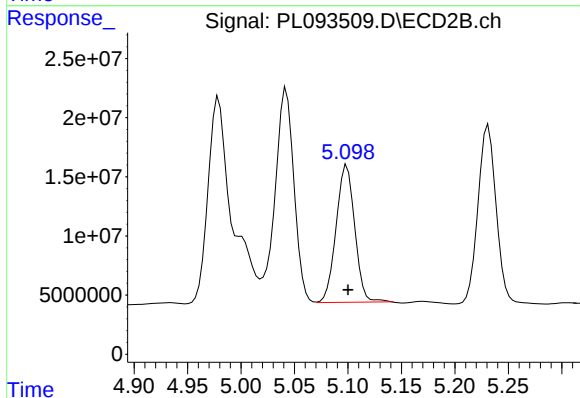
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 93182231
Conc: 39.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

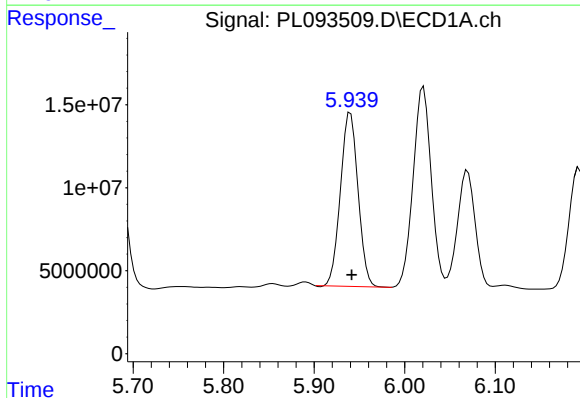
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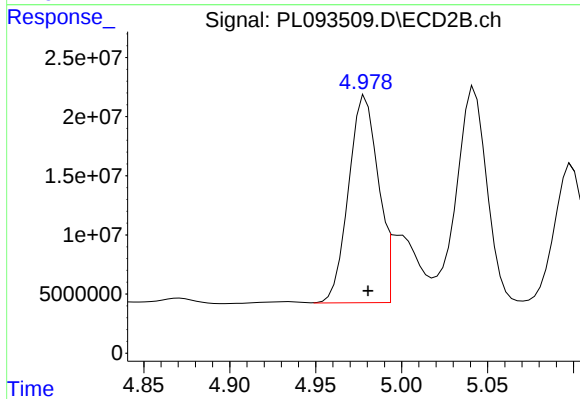
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 140926596
Conc: 40.33 ng/ml



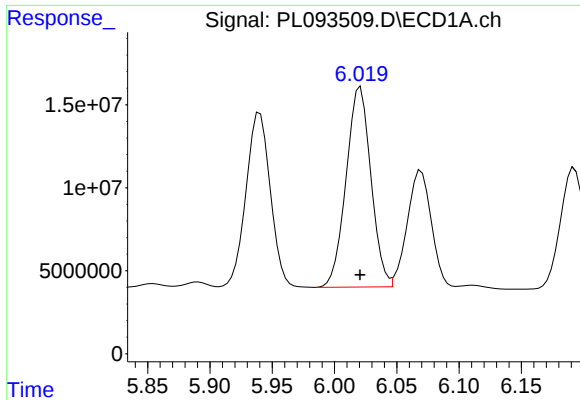
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 141485976
Conc: 56.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 204673561
Conc: 53.12 ng/ml m



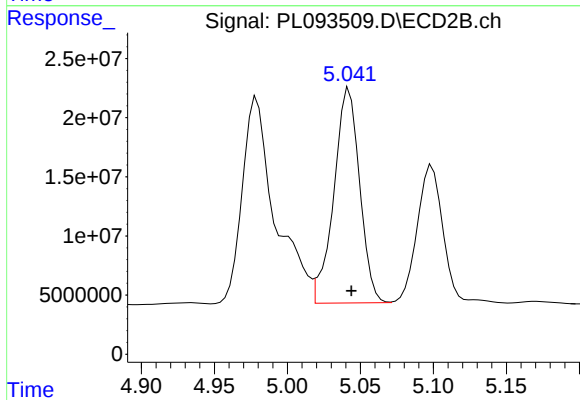
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 167520113
Conc: 66.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

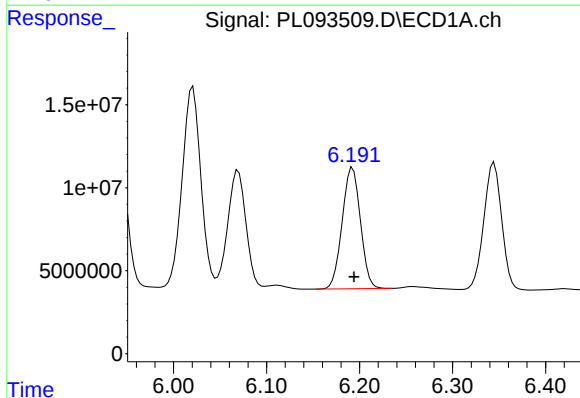
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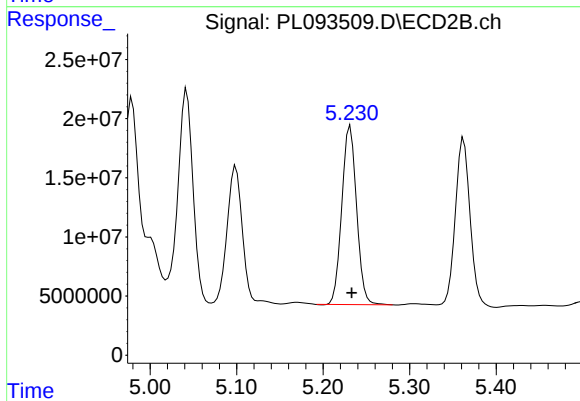
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.001 min
Response: 223646905
Conc: 58.74 ng/ml



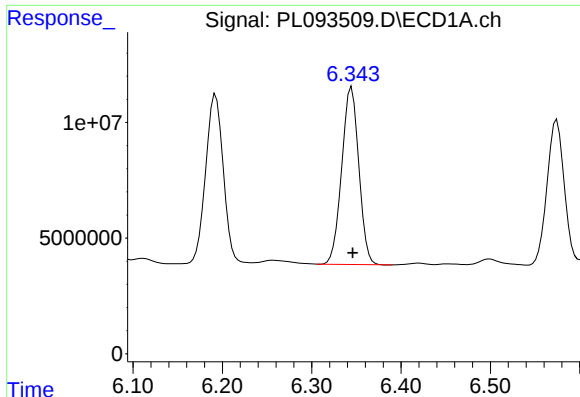
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 99570850
Conc: 44.37 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 178074792
Conc: 48.43 ng/ml



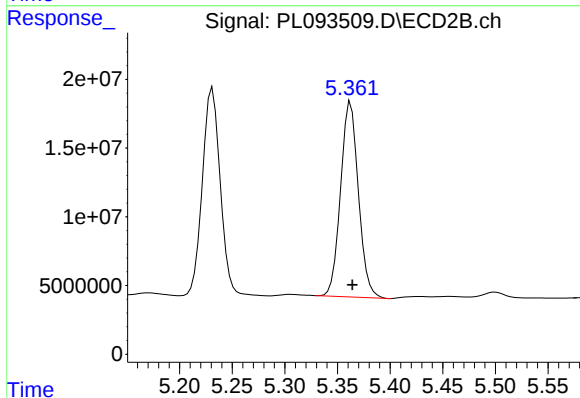
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 101771766
Conc: 40.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

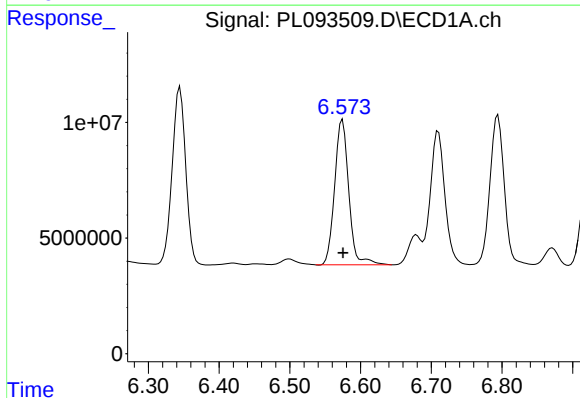
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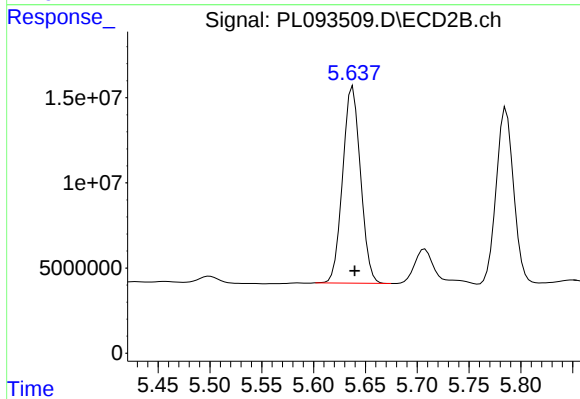
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 168020990
Conc: 43.60 ng/ml



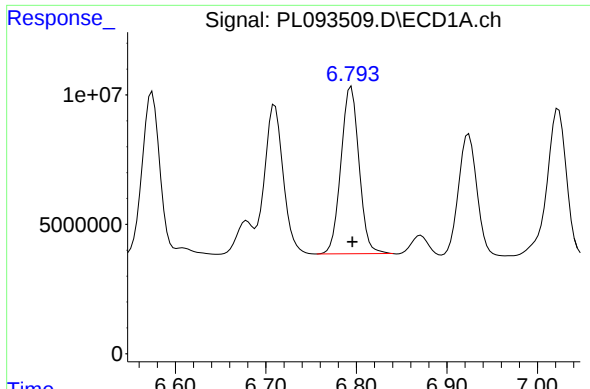
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.001 min
Response: 87017070
Conc: 40.43 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 138444249
Conc: 41.85 ng/ml



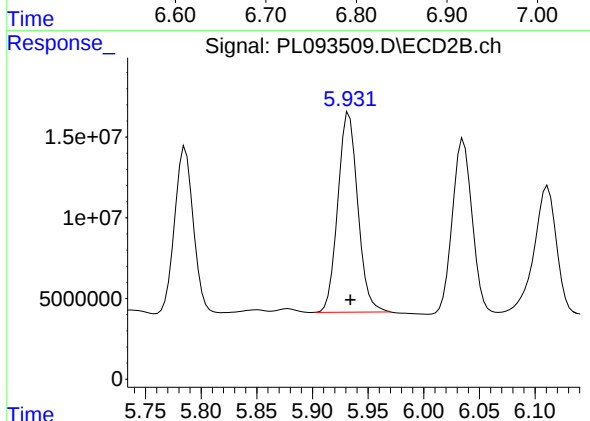
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.001 min
Response: 89650499
Conc: 39.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

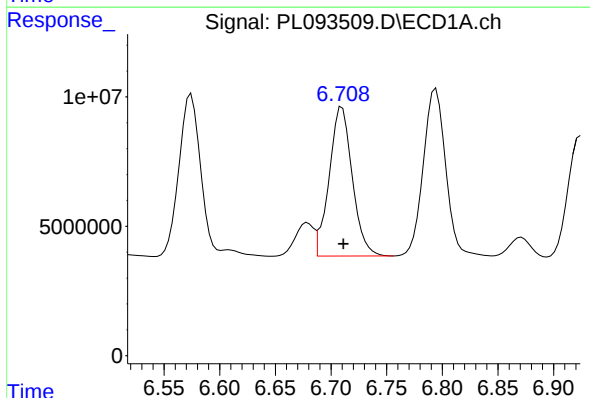
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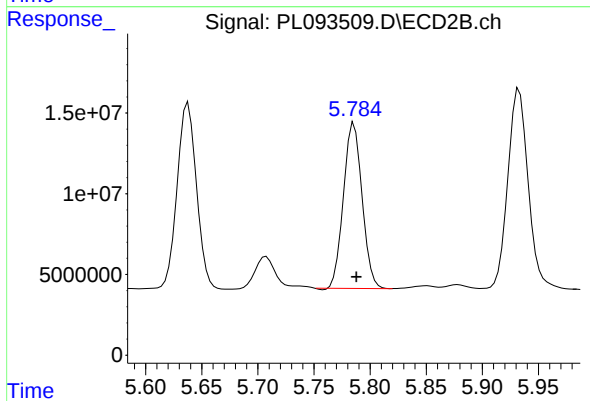
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 154617925
Conc: 47.59 ng/ml



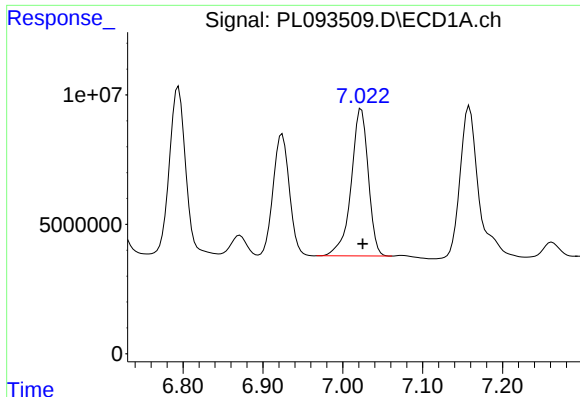
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 83339287
Conc: 47.46 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 118116951
Conc: 41.74 ng/ml



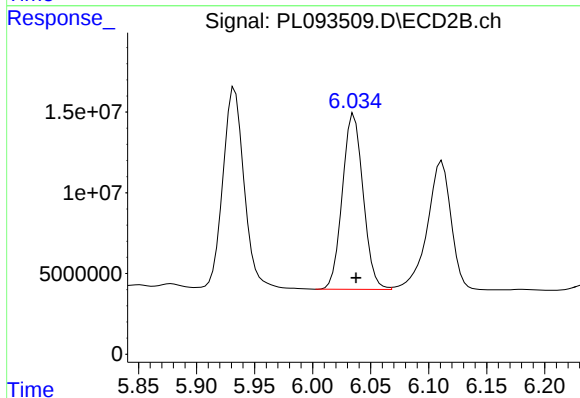
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 84848943
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

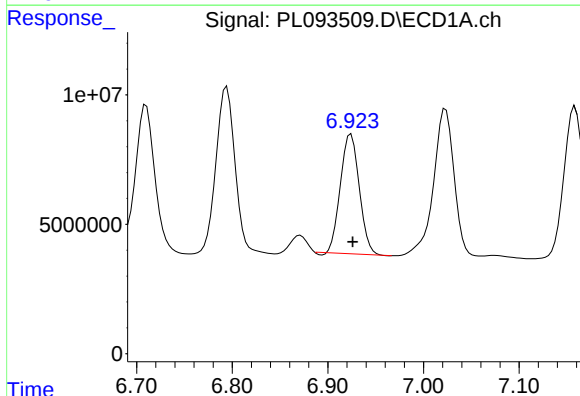
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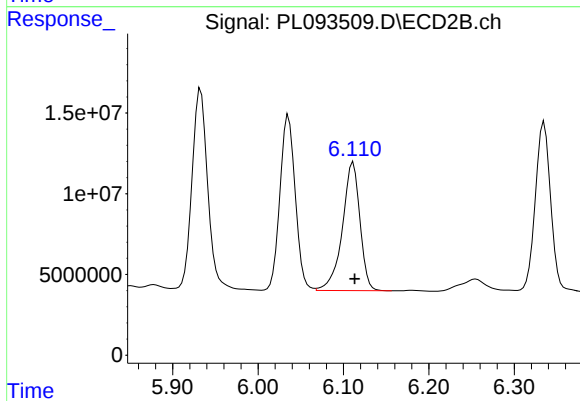
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 135461974
Conc: 44.85 ng/ml



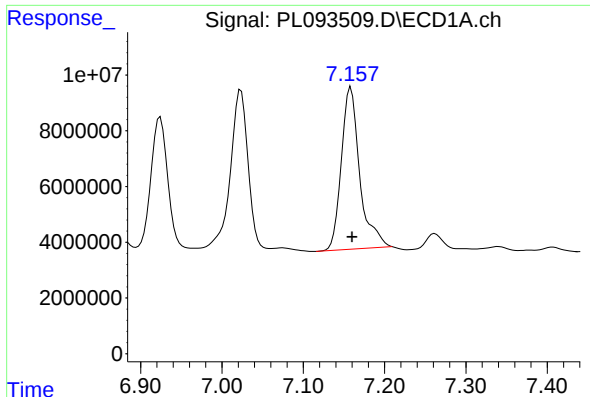
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 63448633
Conc: 35.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 113737706
Conc: 42.23 ng/ml



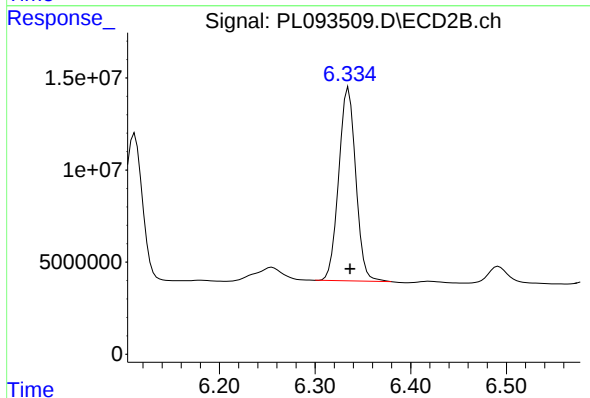
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.001 min
Response: 91356479
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

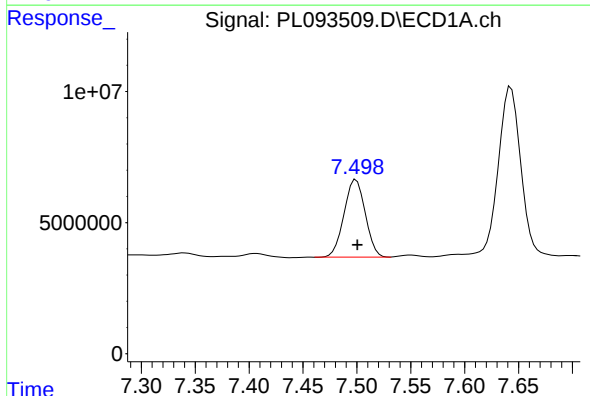
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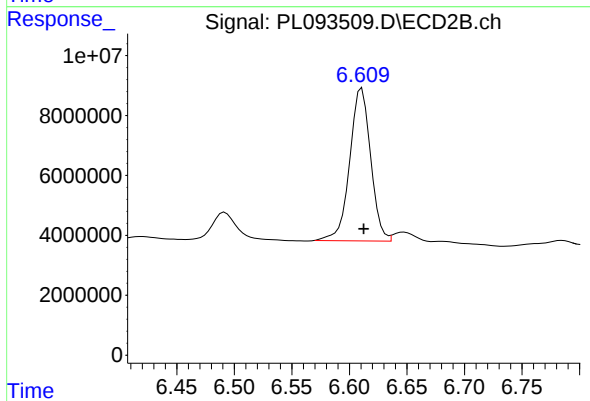
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 129998916
Conc: 41.21 ng/ml



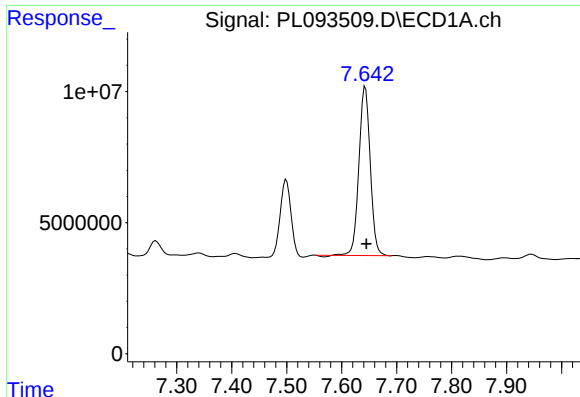
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 40608372
Conc: 40.62 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 64945989
Conc: 40.35 ng/ml



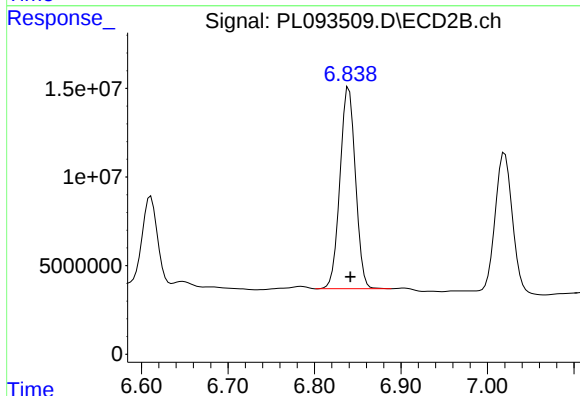
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 92145403
Conc: 41.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

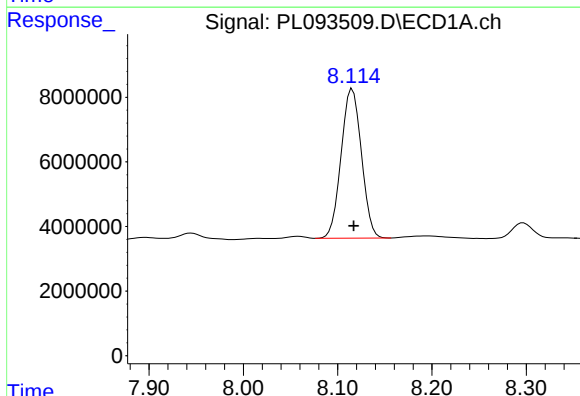
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2024
Supervised By :Ankita Jodhani 12/27/2024



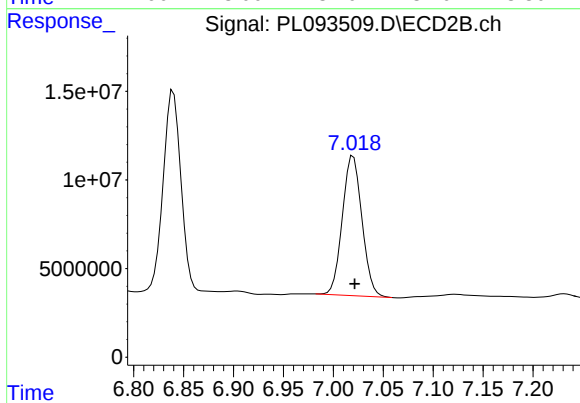
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 140504055
Conc: 38.60 ng/ml



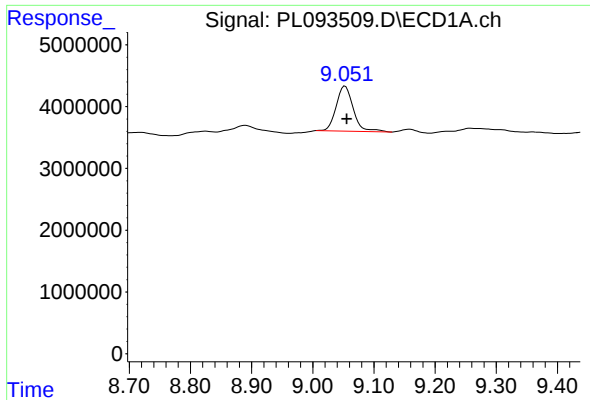
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 69339276
Conc: 37.11 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 107599912
Conc: 35.20 ng/ml



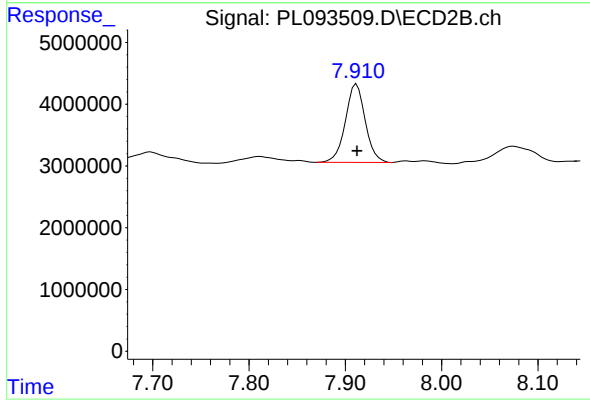
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 14106936
Conc: 7.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251688MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 18094709
Conc: 6.06 ng/ml