

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100424\
 Data File : PL092193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2024 15:03
 Operator : AR\AJ
 Sample : PB163841BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163841BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2024
 Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 03:03:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.543	2.781	45407587	47876981	20.411	19.089
28)	SA Decachlor...	9.060	7.921	32076795	49387236	19.580	19.740
Target Compounds							
2)	A alpha-BHC	3.999	3.285	139.2E6	173.2E6	44.940	47.534
3)	MA gamma-BHC...	4.332	3.615	134.6E6	164.8E6	43.422	46.663
4)	MA Heptachlor	4.921	3.954	130.0E6	170.1E6	47.002	49.299
5)	MB Aldrin	5.262	4.234	121.0E6	159.5E6	43.580	46.887
6)	B beta-BHC	4.529	3.914	61813722	73469397	46.603	48.879
7)	B delta-BHC	4.776	4.143	96108897	119.7E6	33.322	34.486
8)	B Heptachlo...	5.688	4.736	112.5E6	146.2E6	44.205	48.376
9)	A Endosulfan I	6.074	5.106	105.1E6	135.5E6	45.411	49.377
10)	B gamma-Chl...	5.945	4.987	114.0E6	150.0E6	46.118	49.848
11)	B alpha-Chl...	6.024	5.050	113.1E6	147.8E6	45.929	49.359
12)	B 4,4'-DDE	6.197	5.239	100.5E6	140.6E6	46.448	50.580
13)	MA Dieldrin	6.349	5.370	110.1E6	145.1E6	45.135	49.485
14)	MA Endrin	6.578	5.646	92955924	127.4E6	45.109m	48.604
15)	B Endosulfa...	6.799	5.941	97213096	124.5E6	44.193	49.764
16)	A 4,4'-DDD	6.713	5.794	83066343	109.6E6	46.258m	51.328
17)	MA 4,4'-DDT	7.028	6.045	87865777	114.2E6	47.722	49.372
18)	B Endrin al...	6.929	6.120	75770263	96006556	43.477	47.045
19)	B Endosulfa...	7.163	6.343	85953554	113.1E6	43.361	46.877
20)	A Methoxychlor	7.504	6.620	46126860	60629015	46.986	48.490
21)	B Endrin ke...	7.648	6.849	100.2E6	136.7E6	45.580	49.358
22)	Mirex	8.121	7.030	77283416	109.4E6	42.912	44.974

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100424\
Data File : PL092193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2024 15:03
Operator : AR\AJ
Sample : PB163841BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163841BS

Manual Integrations

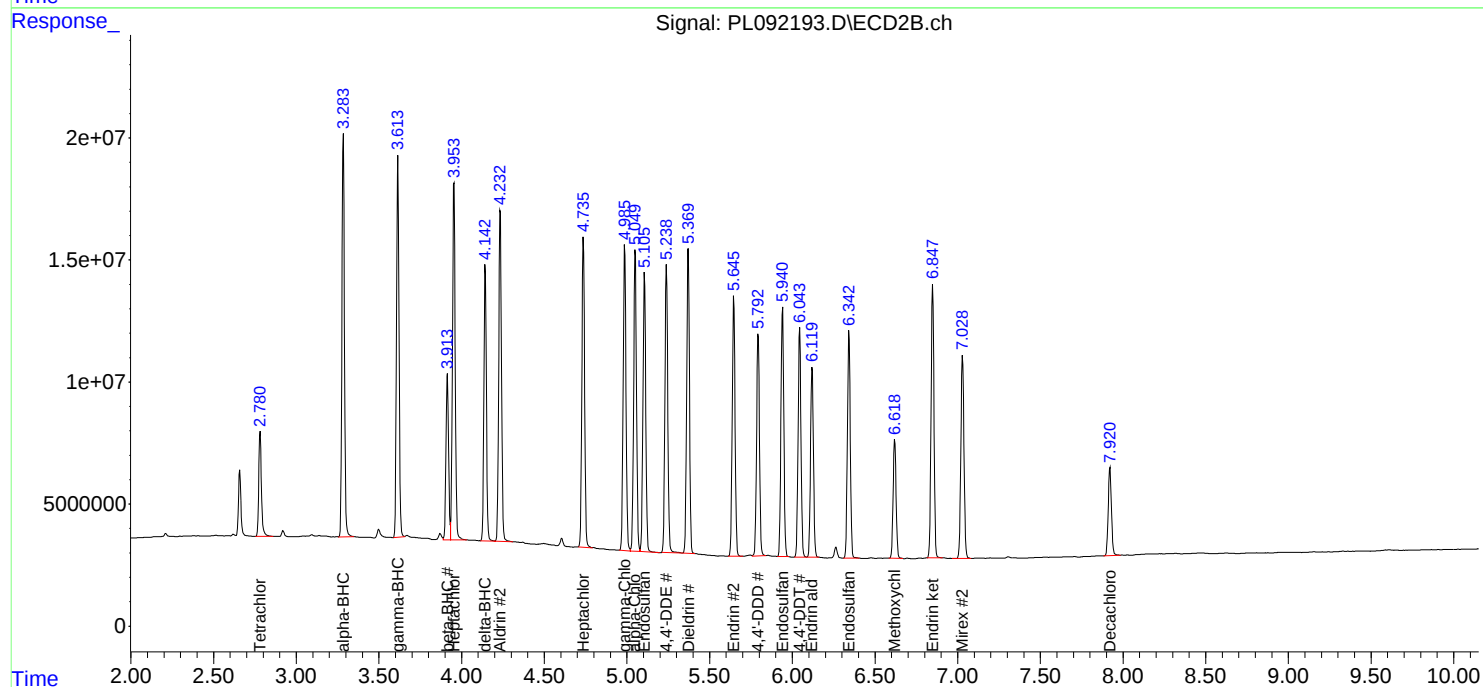
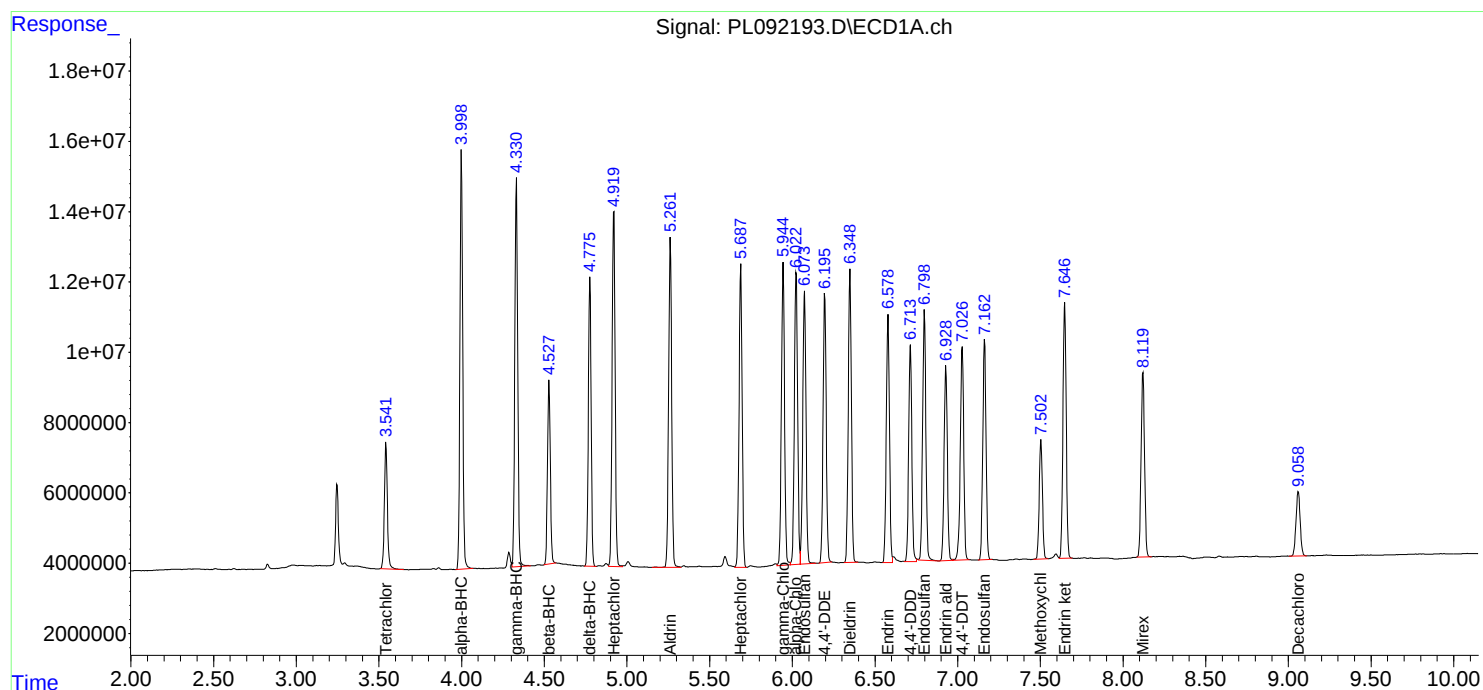
APPROVED

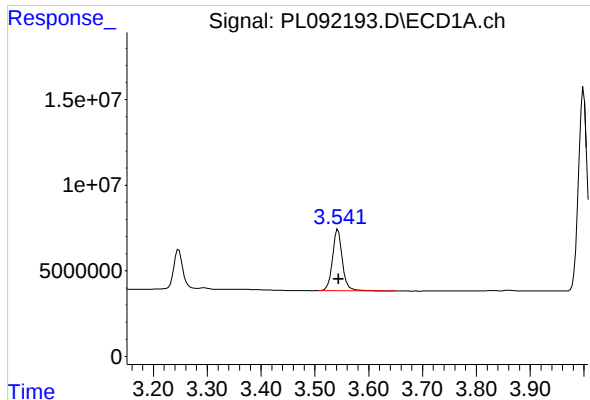
Reviewed By :Abdul Mirza 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 03:03:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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.: 3.543 min
Delta R.T.: -0.001 min
Response: 45407587
Conc: 20.41 ng/ml

Instrument :

ECD_L

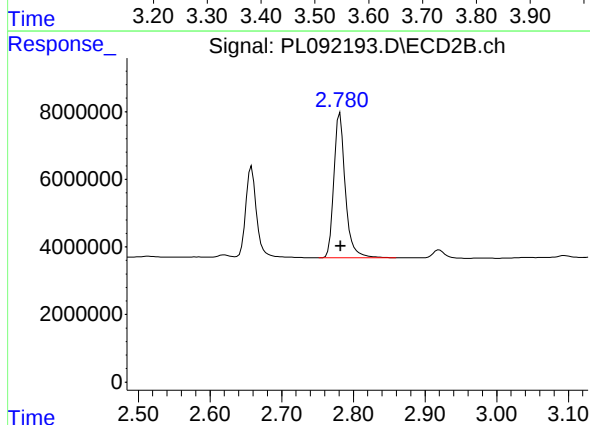
ClientSampleId :

PB163841BS

Manual Integrations

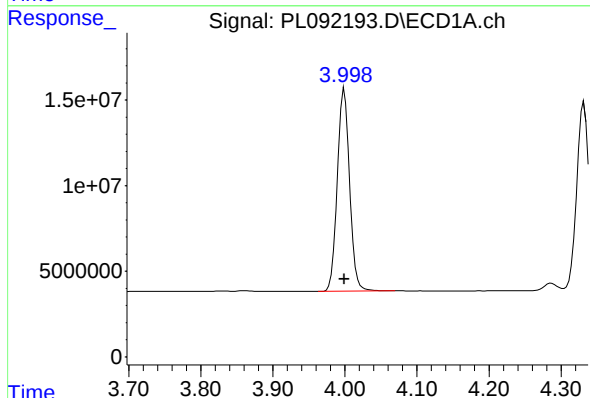
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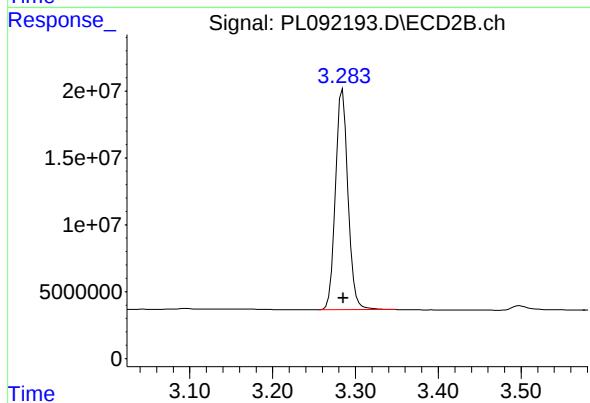
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 47876981
Conc: 19.09 ng/ml



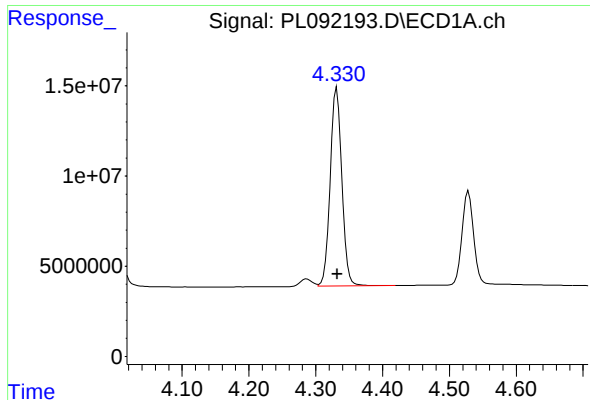
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 139158316
Conc: 44.94 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: -0.001 min
Response: 173181648
Conc: 47.53 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 134557168
Conc: 43.42 ng/ml

Instrument :

ECD_L

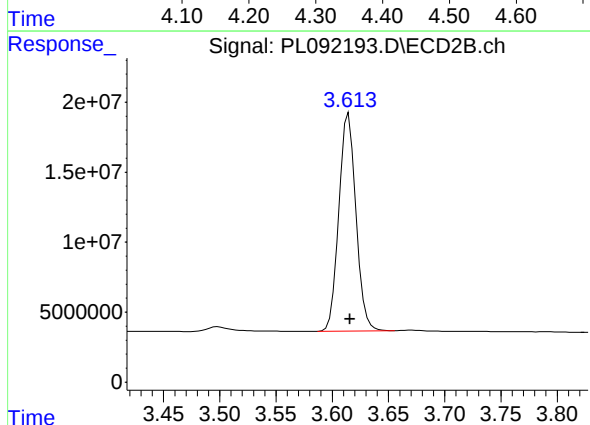
ClientSampleId :

PB163841BS

Manual Integrations

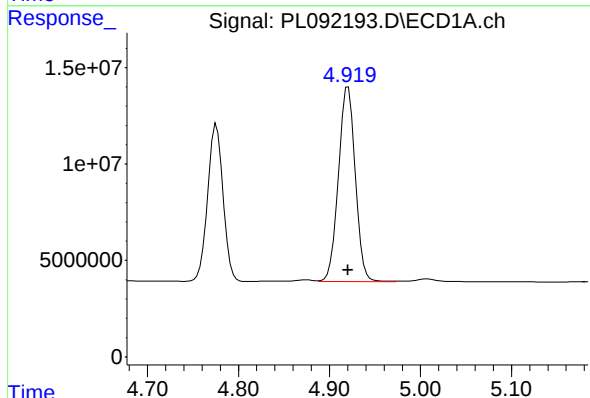
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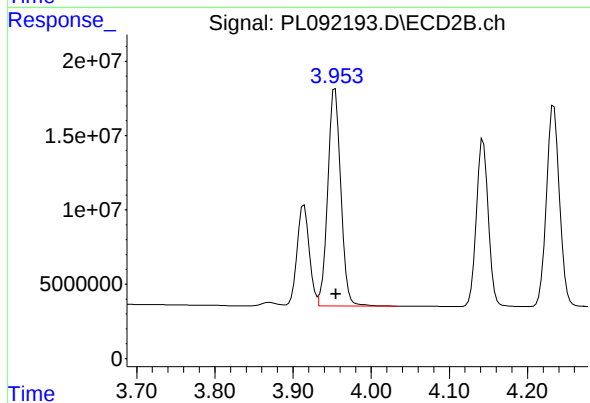
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: -0.001 min
Response: 164766840
Conc: 46.66 ng/ml



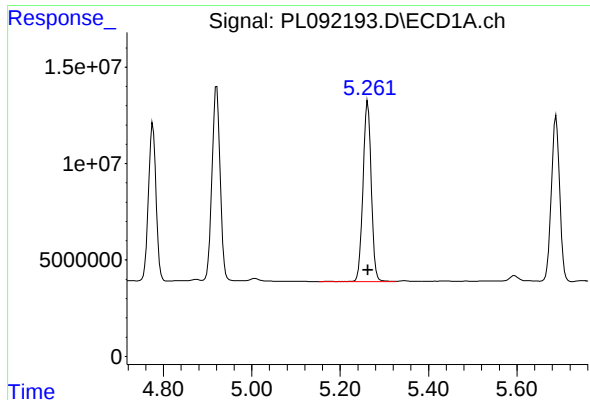
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 129983213
Conc: 47.00 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 170113279
Conc: 49.30 ng/ml



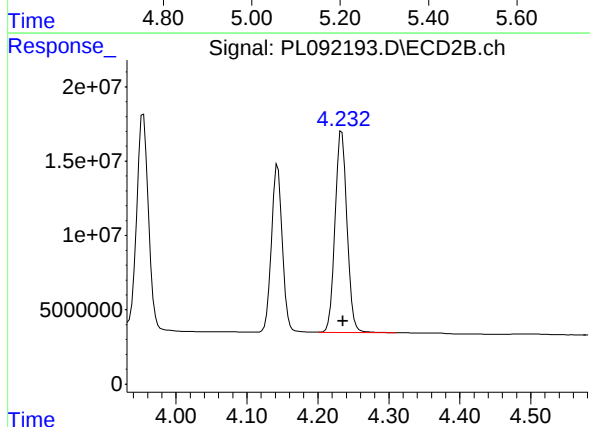
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 121048503
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

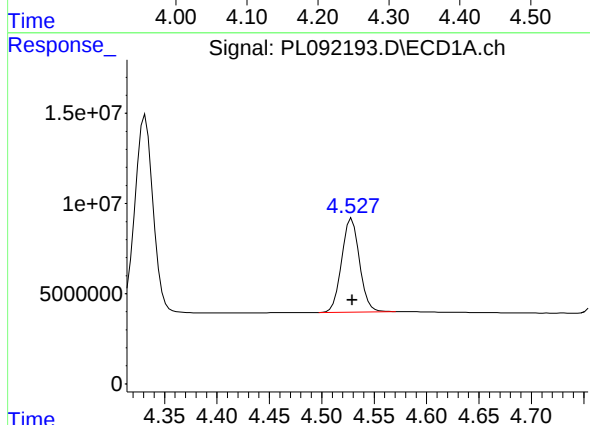
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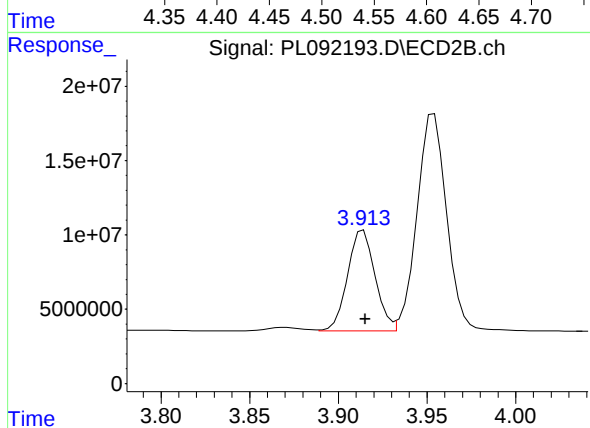
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 159468943
Conc: 46.89 ng/ml



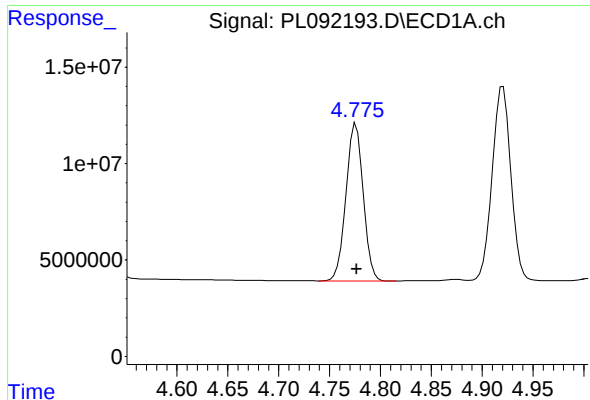
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 61813722
Conc: 46.60 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 73469397
Conc: 48.88 ng/ml



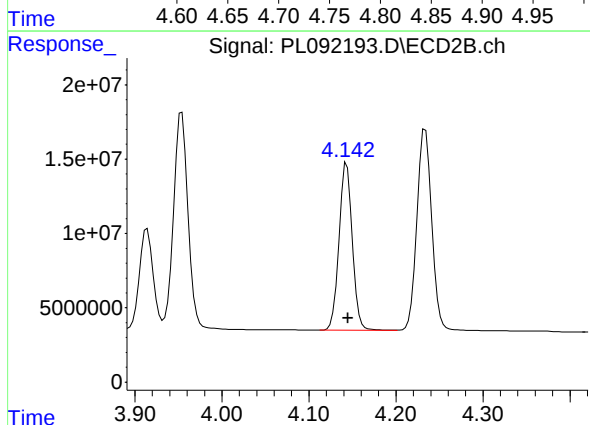
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 96108897
Conc: 33.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

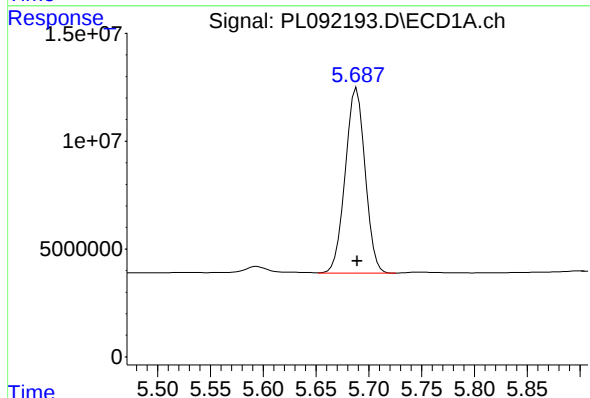
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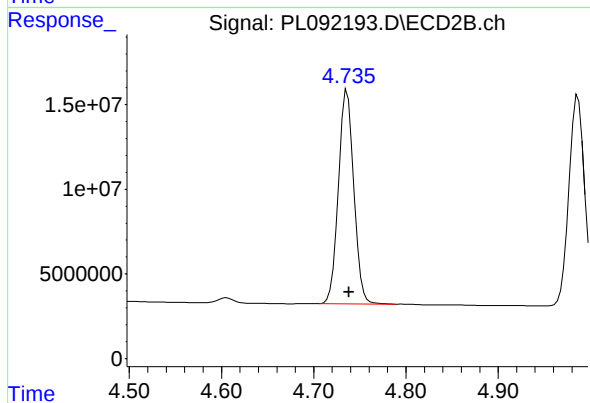
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.001 min
Response: 119723142
Conc: 34.49 ng/ml



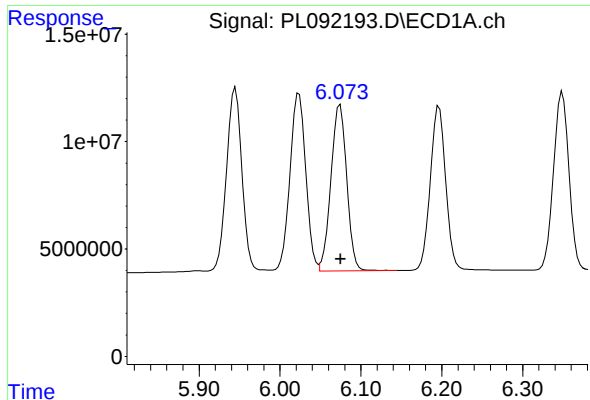
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 112501475
Conc: 44.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 146234056
Conc: 48.38 ng/ml



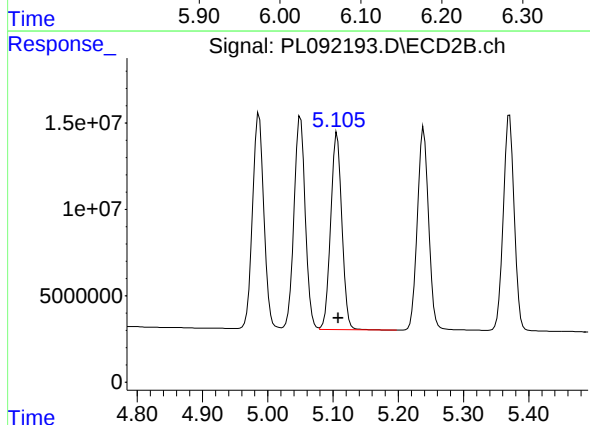
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 105054575
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

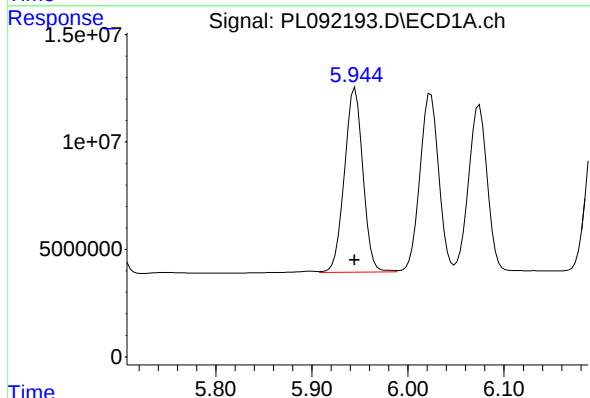
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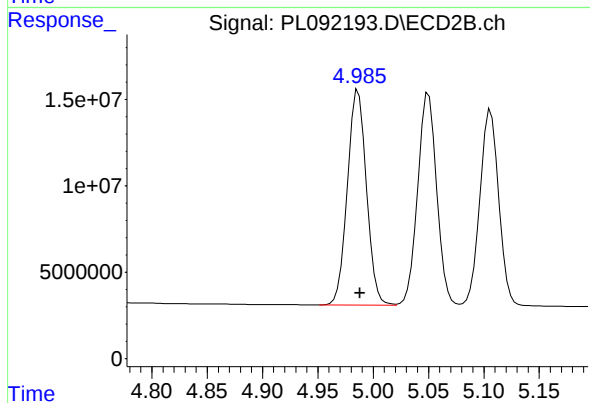
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 135521667
Conc: 49.38 ng/ml



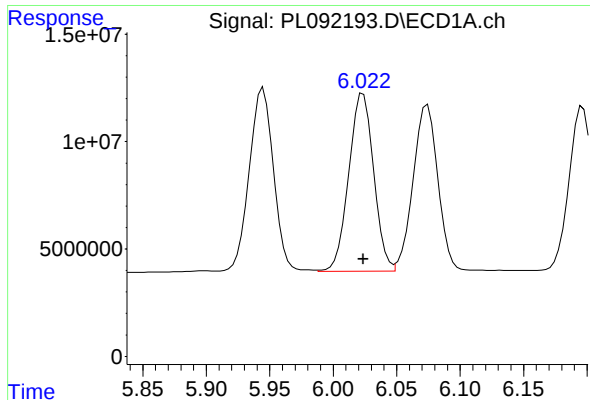
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 113967703
Conc: 46.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 149971131
Conc: 49.85 ng/ml



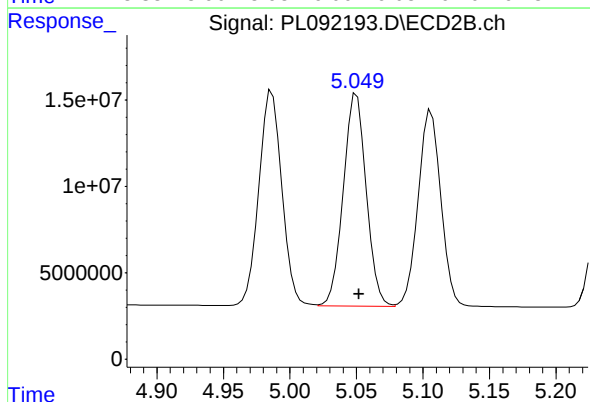
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 113139191
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

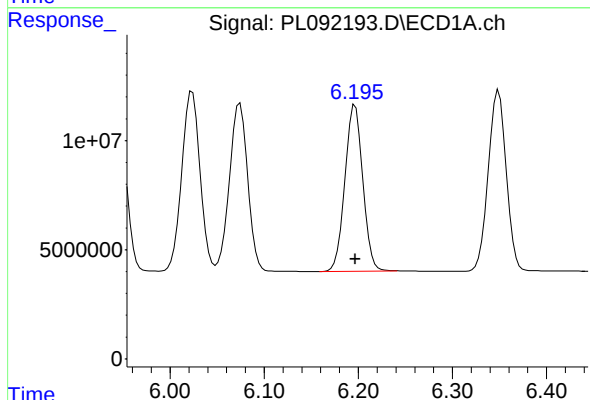
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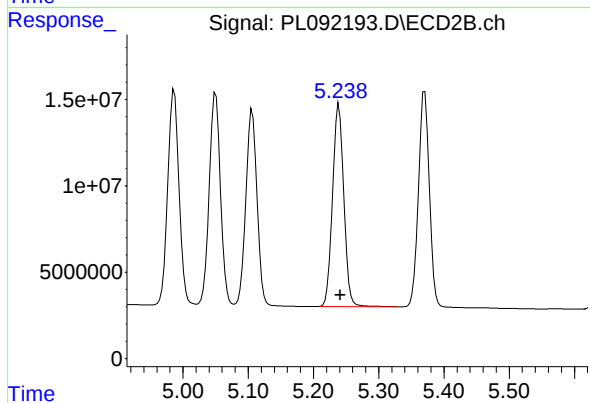
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 147758443
Conc: 49.36 ng/ml



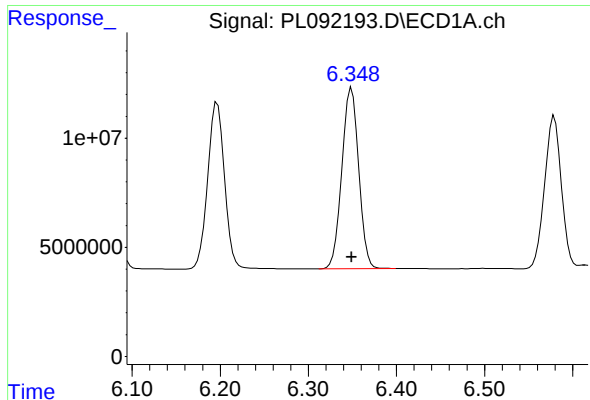
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 100533563
Conc: 46.45 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 140552803
Conc: 50.58 ng/ml



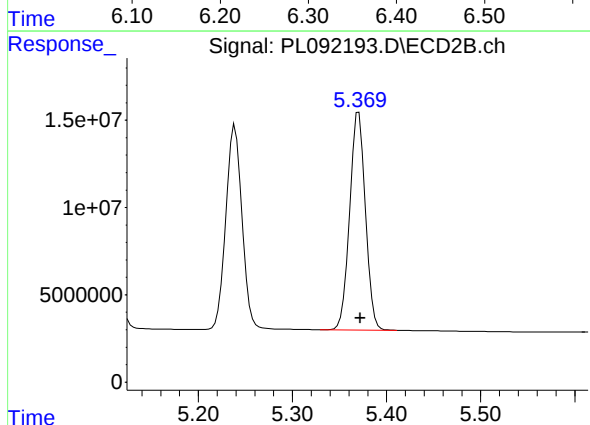
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 110078349
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

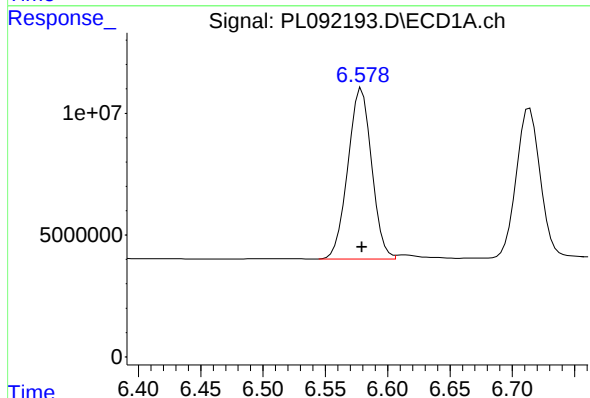
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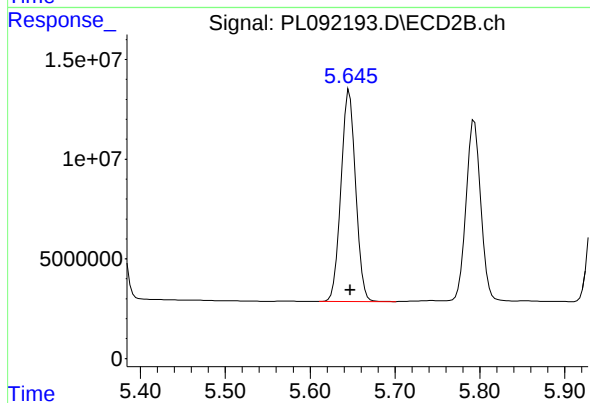
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 145082185
Conc: 49.48 ng/ml



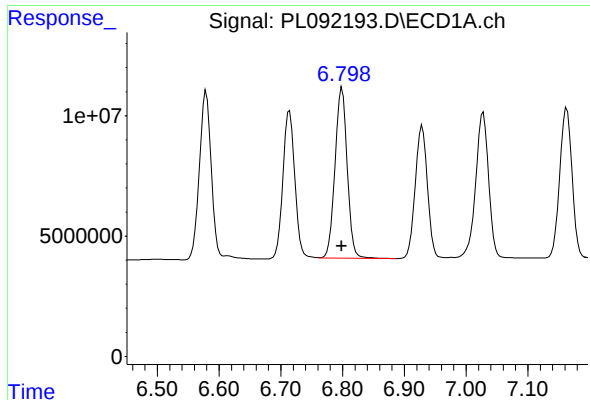
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 92955924
Conc: 45.11 ng/ml m



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 127448082
Conc: 48.60 ng/ml



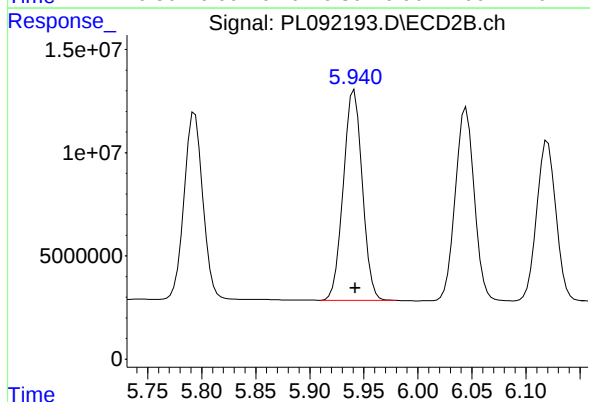
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.001 min
Response: 97213096
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

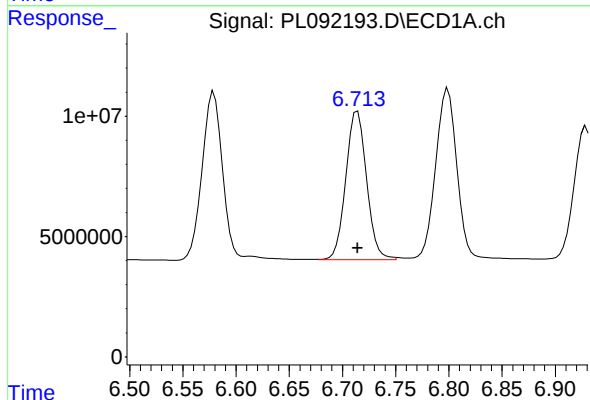
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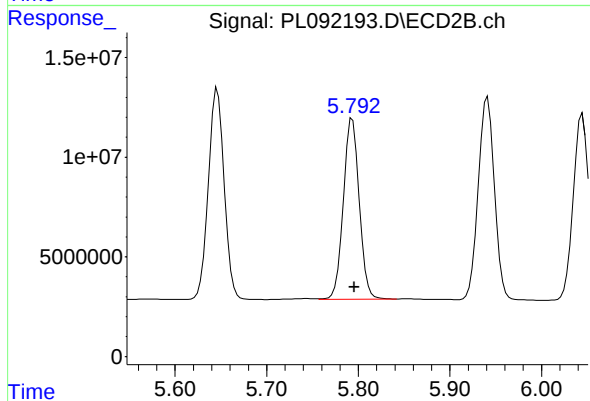
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 124528878
Conc: 49.76 ng/ml



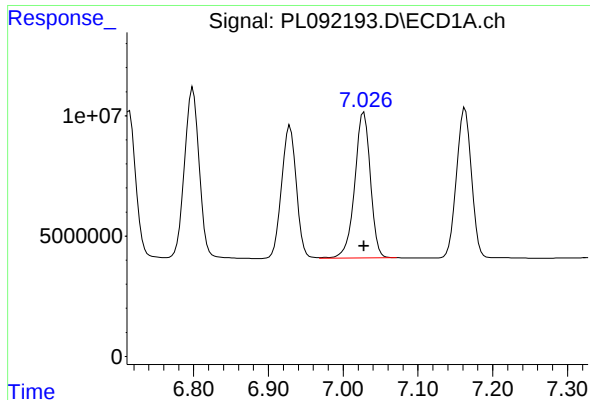
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 83066343
Conc: 46.26 ng/ml m



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 109647295
Conc: 51.33 ng/ml



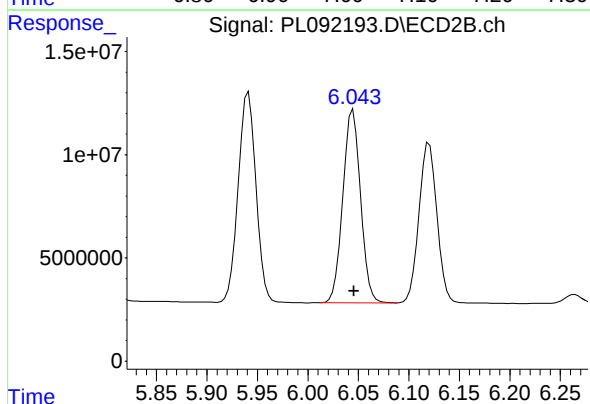
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 87865777
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

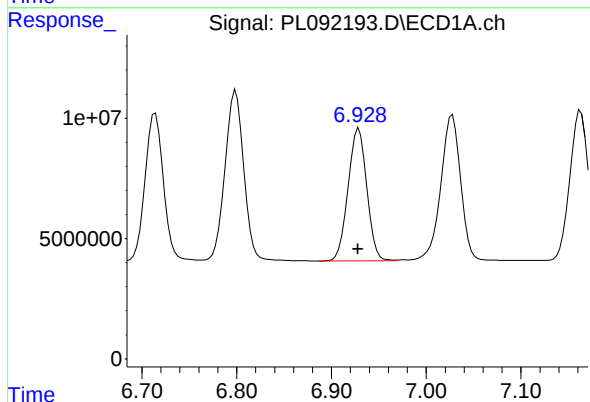
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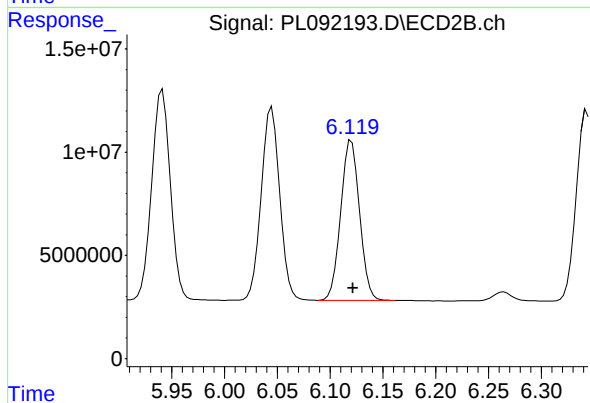
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 114205663
Conc: 49.37 ng/ml



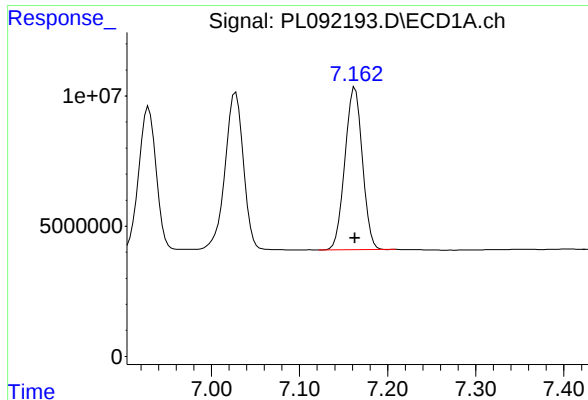
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 75770263
Conc: 43.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 96006556
Conc: 47.05 ng/ml



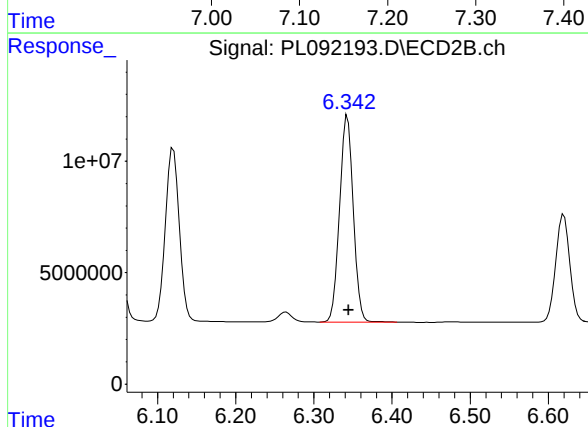
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 85953554
Conc: 43.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

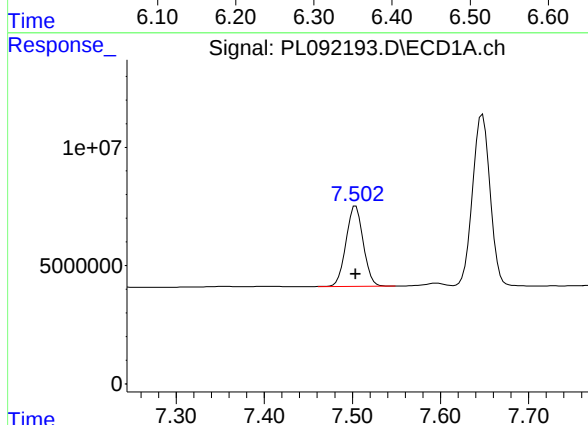
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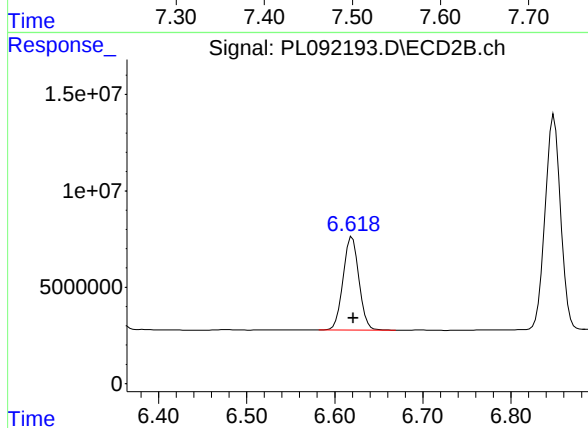
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 113090744
Conc: 46.88 ng/ml



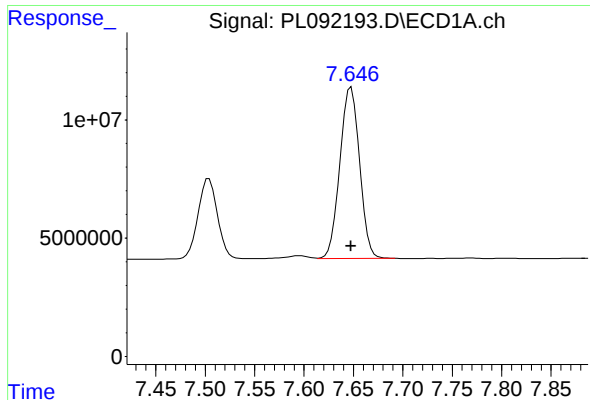
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 46126860
Conc: 46.99 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 60629015
Conc: 48.49 ng/ml



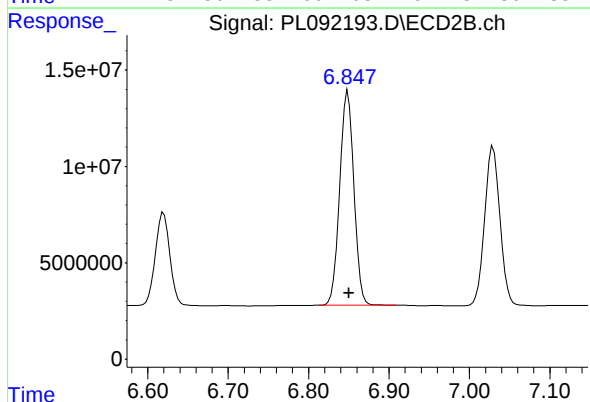
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 100164371
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

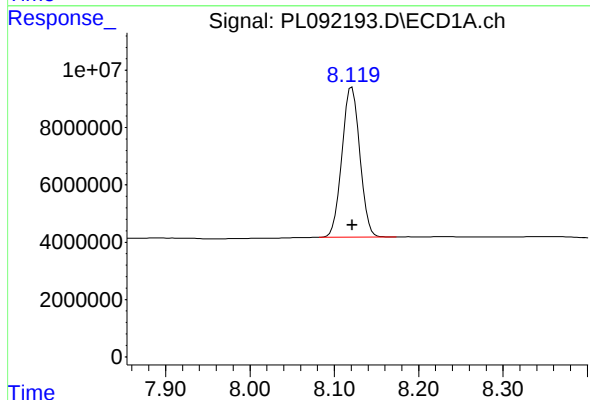
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2024
Supervised By :Ankita Jodhani 10/03/2024



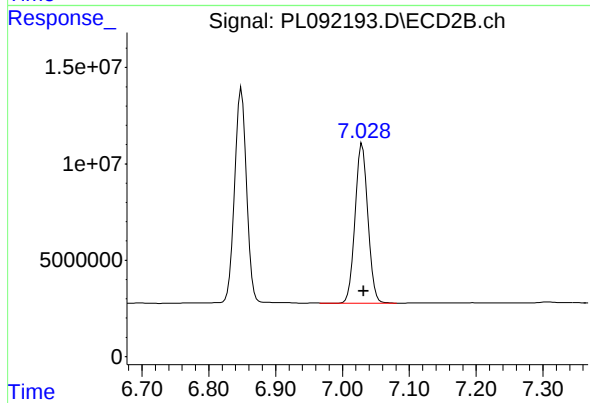
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 136668706
Conc: 49.36 ng/ml



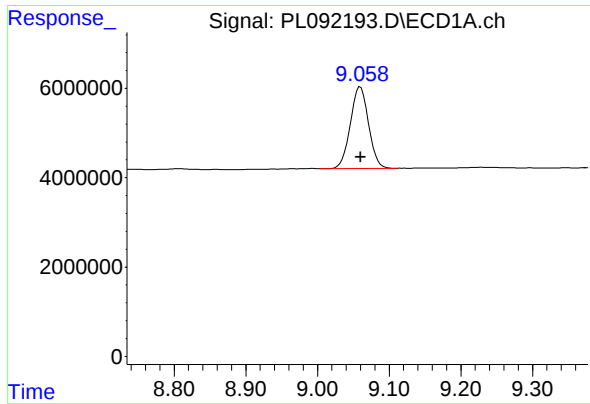
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 77283416
Conc: 42.91 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 109407353
Conc: 44.97 ng/ml



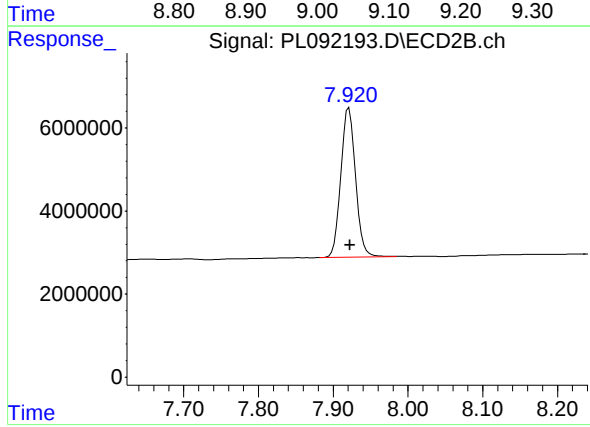
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 32076795
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163841BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2024
Supervised By :Ankita Jodhani 10/03/2024



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 49387236
Conc: 19.74 ng/ml