

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092424\
 Data File : PL092013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2024 16:52
 Operator : AR\AJ
 Sample : PB163645BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163645BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/25/2024
 Supervised By :Ankita Jodhani 09/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:21:00 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	2.783	52858986	59316280	23.760	23.650
28)	SA Decachlor...	9.058	7.923	38330974	56671186	23.398	22.651
Target Compounds							
2)	A alpha-BHC	3.999	3.286	141.8E6	180.2E6	45.802	49.465
3)	MA gamma-BHC...	4.332	3.615	138.6E6	170.7E6	44.720	48.343
4)	MA Heptachlor	4.920	3.955	125.7E6	167.0E6	45.452	48.397
5)	MB Aldrin	5.262	4.235	121.1E6	161.2E6	43.588	47.399
6)	B beta-BHC	4.528	3.915	62059174	73969463	46.789	49.211
7)	B delta-BHC	4.776	4.144	117.9E6	150.2E6	40.895	43.254
8)	B Heptachlo...	5.688	4.738	113.1E6	144.4E6	44.431	47.779
9)	A Endosulfan I	6.074	5.108	105.6E6	133.3E6	45.640	48.551
10)	B gamma-Chl...	5.944	4.988	114.3E6	147.5E6	46.240	49.034
11)	B alpha-Chl...	6.023	5.052	113.0E6	145.5E6	45.863	48.620
12)	B 4,4'-DDE	6.196	5.241	100.5E6	137.1E6	46.444	49.345
13)	MA Dieldrin	6.348	5.372	110.5E6	142.5E6	45.307	48.597
14)	MA Endrin	6.577	5.647	82388357	109.2E6	39.981m	41.631
15)	B Endosulfa...	6.798	5.942	97015089	121.9E6	44.103	48.714
16)	A 4,4'-DDD	6.713	5.795	85041653	111.9E6	47.358	52.386
17)	MA 4,4'-DDT	7.027	6.045	81268026	101.5E6	44.139	43.901
18)	B Endrin al...	6.928	6.121	79385724	98632035	45.552	48.332
19)	B Endosulfa...	7.162	6.344	88892328	114.5E6	44.844	47.460
20)	A Methoxychlor	7.503	6.621	42377725	54361416	43.167	43.477
21)	B Endrin ke...	7.646	6.850	104.8E6	139.9E6	47.687	50.521
22)	Mirex	8.120	7.031	76650487	107.1E6	42.560	44.046

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092424\
Data File : PL092013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Sep 2024 16:52
Operator : AR\AJ
Sample : PB163645BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

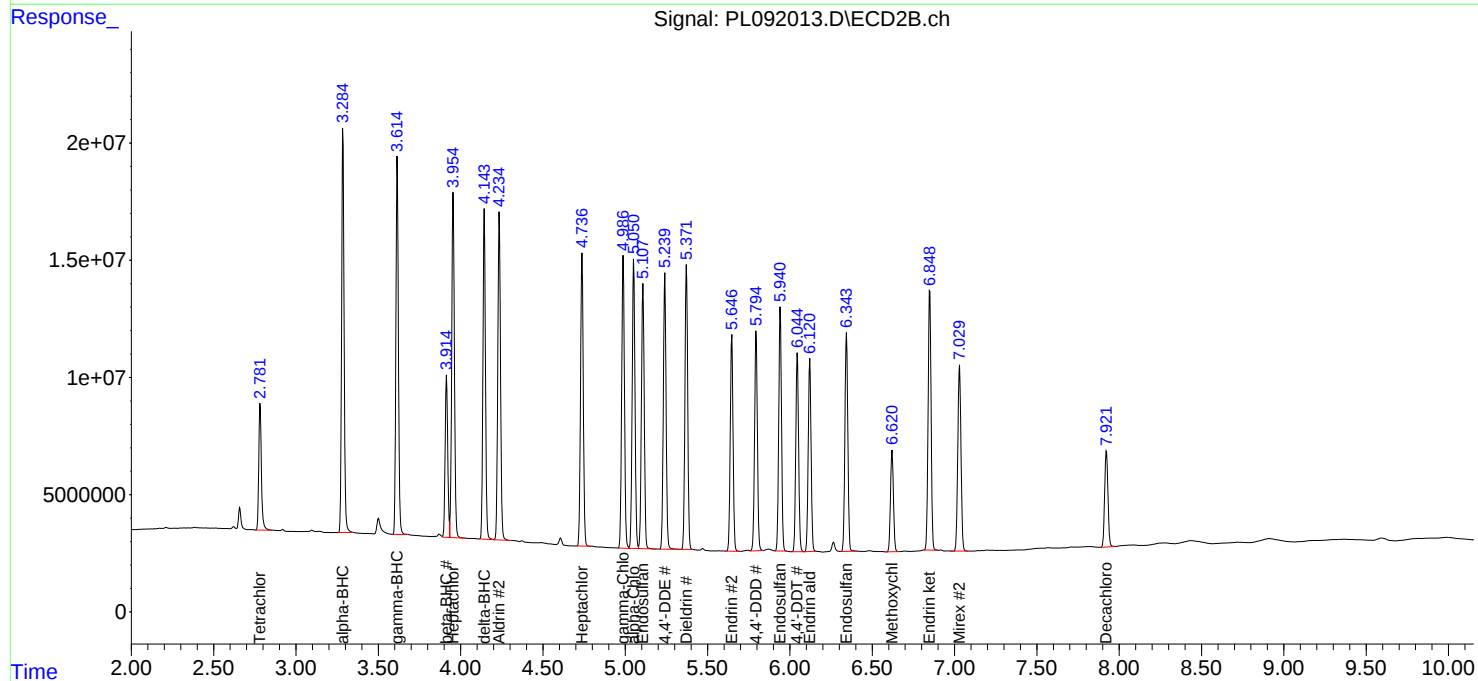
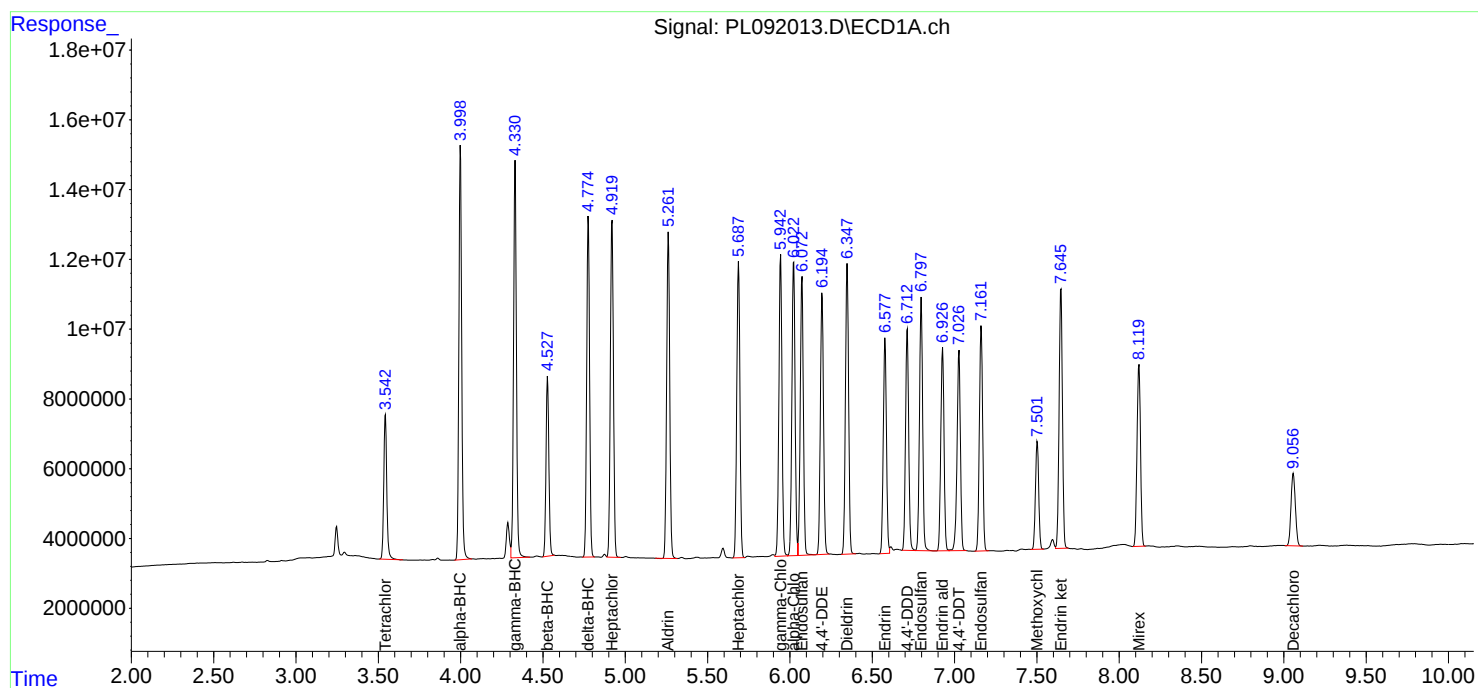
Instrument :
ECD_L
ClientSampleId :
PB163645BS

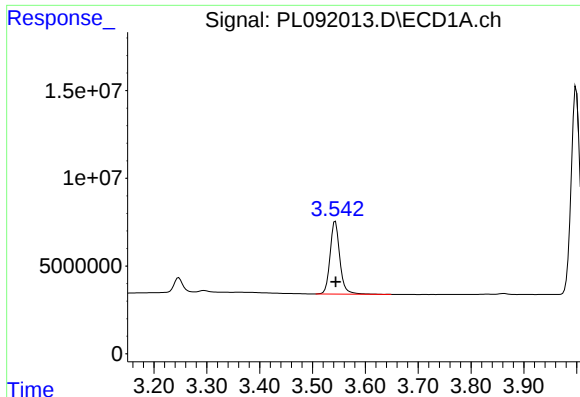
Manual Integrations
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Supervised By :Ankita Jodhani 09/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 25 01:21:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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.: 3.543 min
Delta R.T.: 0.000 min
Response: 52858986
Conc: 23.76 ng/ml

Instrument :

ECD_L

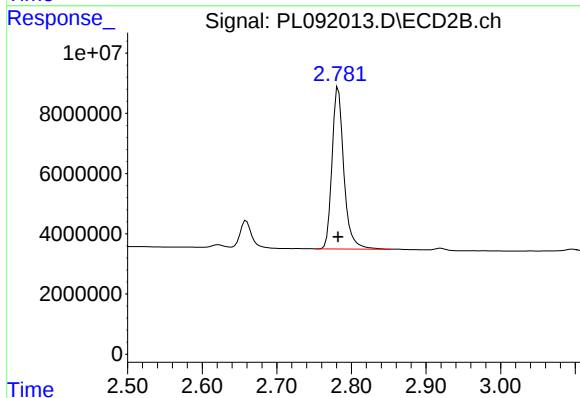
ClientSampleId :

PB163645BS

Manual Integrations

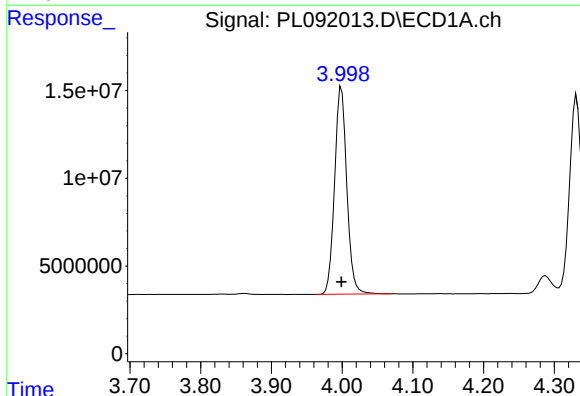
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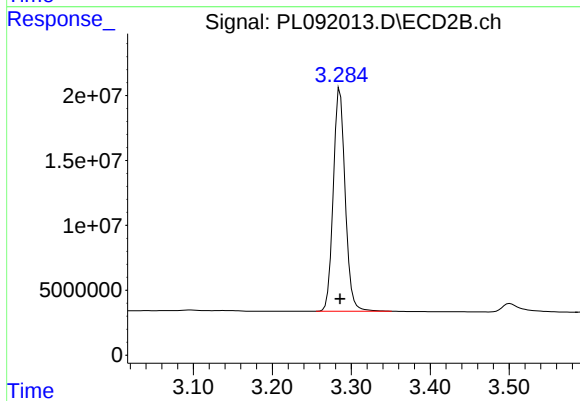
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 59316280
Conc: 23.65 ng/ml



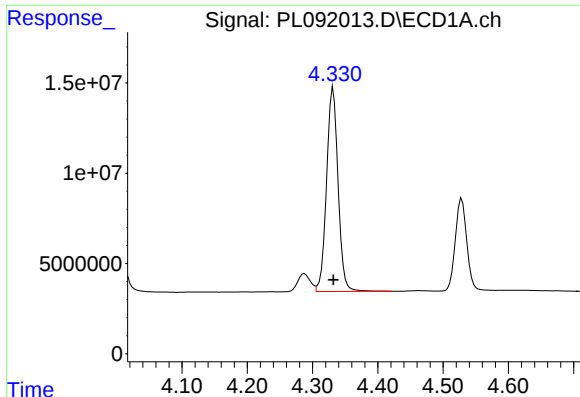
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 141825360
Conc: 45.80 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 180218424
Conc: 49.47 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 138578862
Conc: 44.72 ng/ml

Instrument :

ECD_L

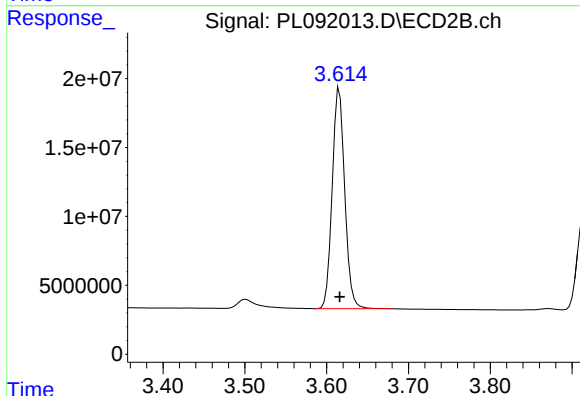
ClientSampleId :

PB163645BS

Manual Integrations

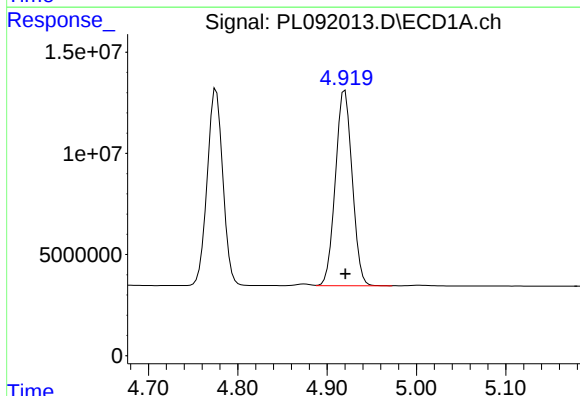
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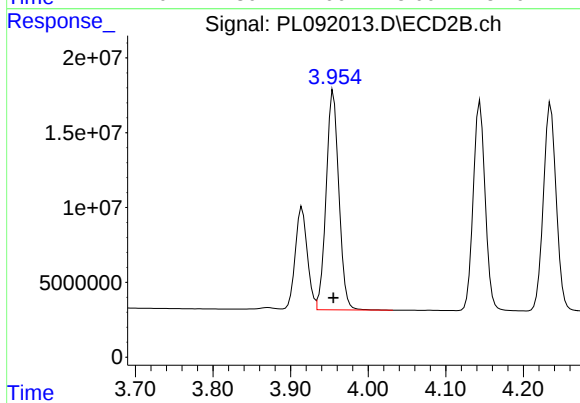
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: 0.000 min
Response: 170698076
Conc: 48.34 ng/ml



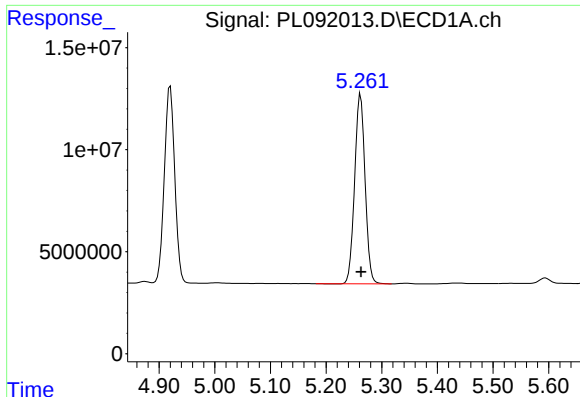
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 125694771
Conc: 45.45 ng/ml



#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 166997865
Conc: 48.40 ng/ml



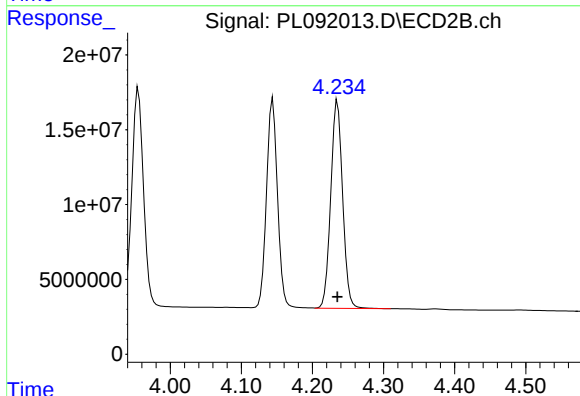
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 121069636
Conc: 43.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

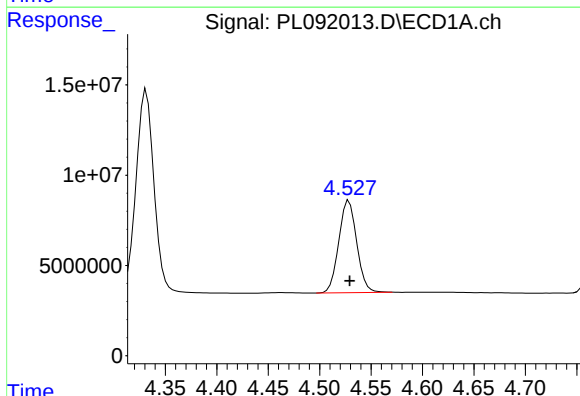
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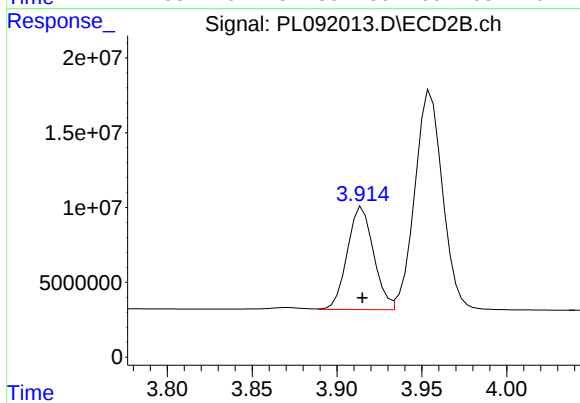
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 161209619
Conc: 47.40 ng/ml



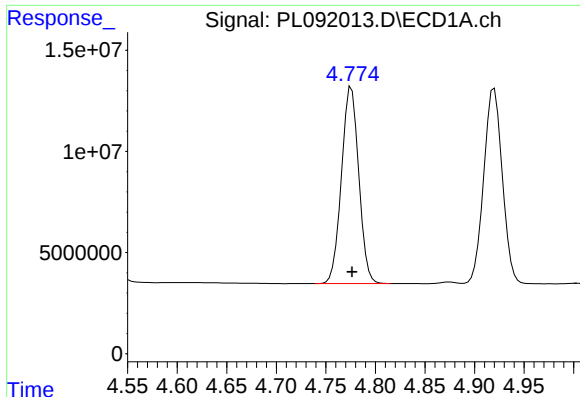
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 62059174
Conc: 46.79 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 73969463
Conc: 49.21 ng/ml



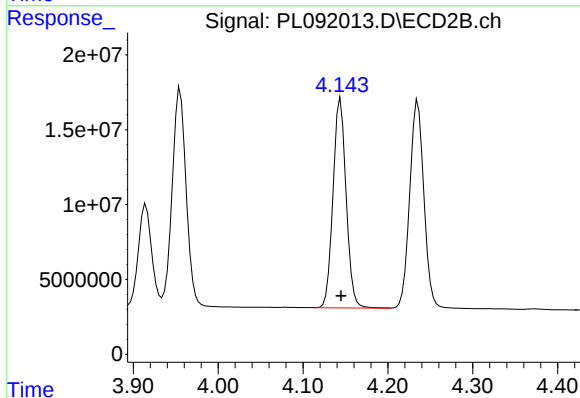
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 117949779
Conc: 40.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

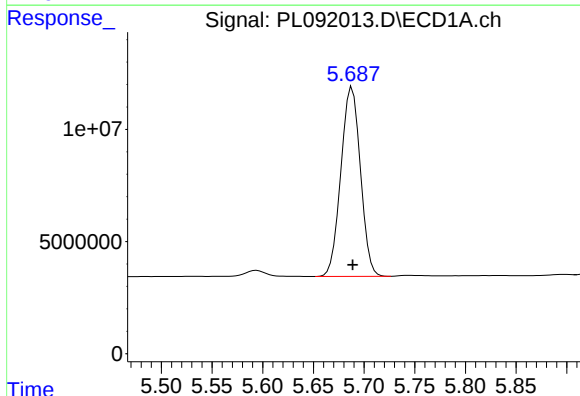
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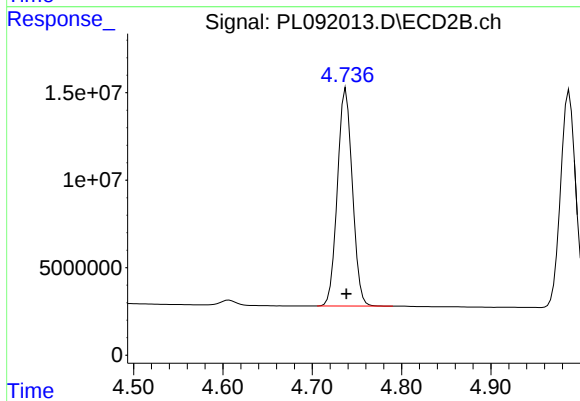
#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 150162876
Conc: 43.25 ng/ml



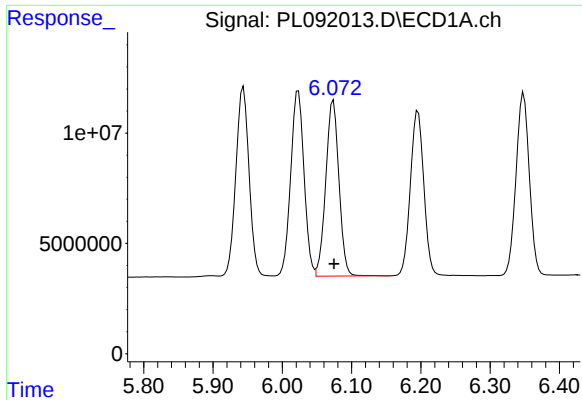
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 113077865
Conc: 44.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 144430154
Conc: 47.78 ng/ml



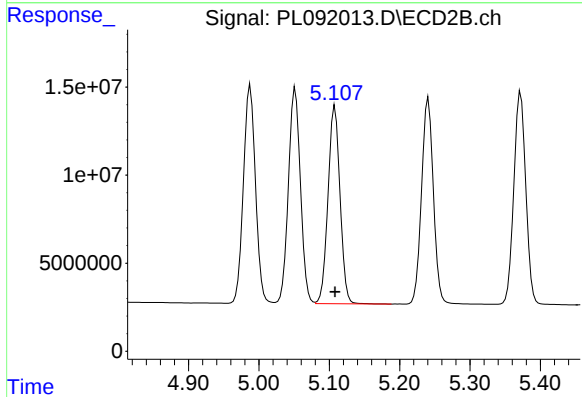
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 105584581
Conc: 45.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

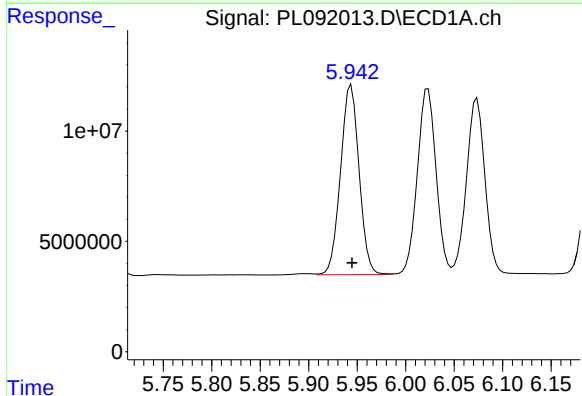
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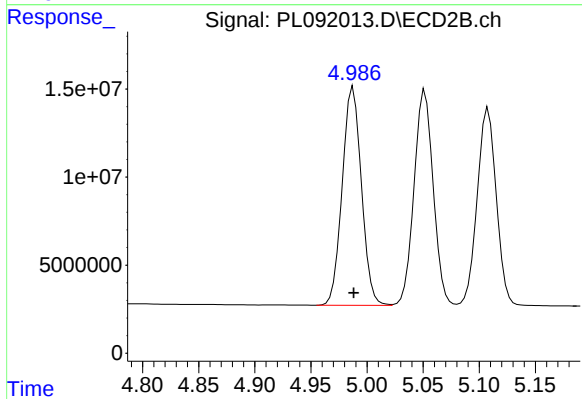
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 133255493
Conc: 48.55 ng/ml



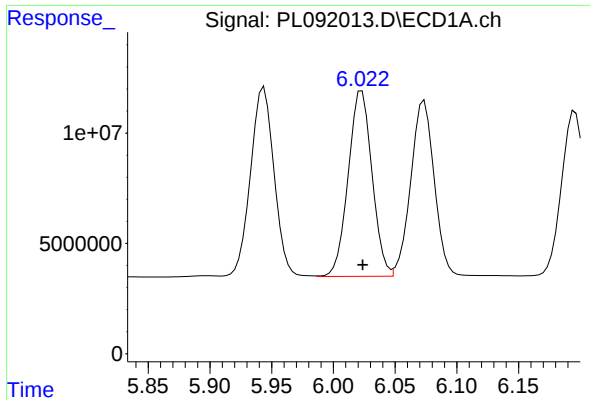
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 114269010
Conc: 46.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 147521665
Conc: 49.03 ng/ml



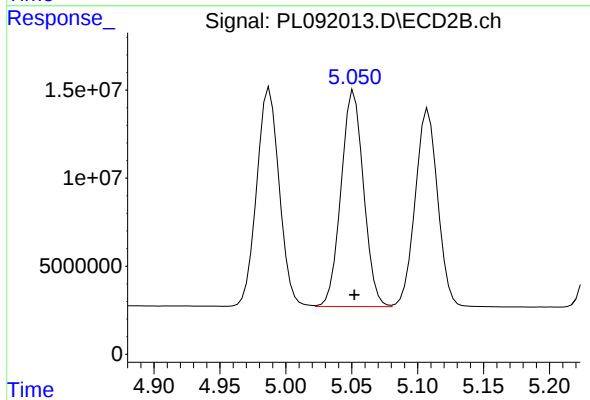
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 112974829
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

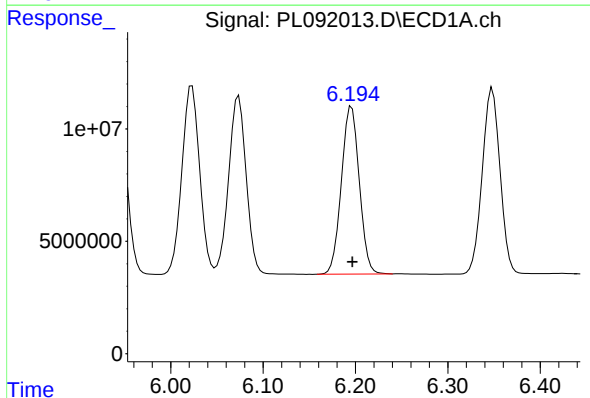
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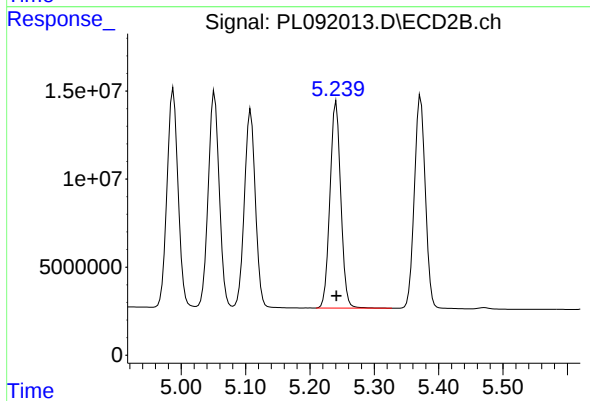
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 145544835
Conc: 48.62 ng/ml



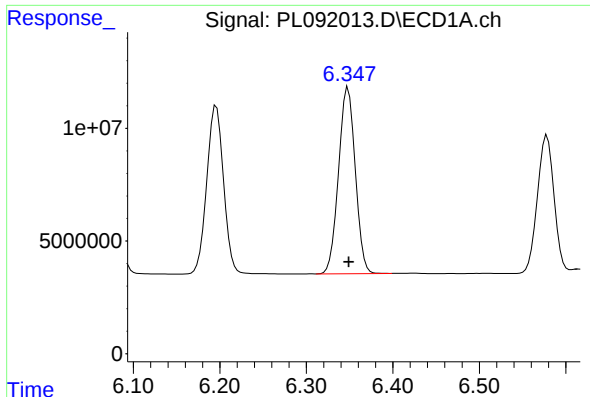
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 100523994
Conc: 46.44 ng/ml



#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 137122048
Conc: 49.34 ng/ml



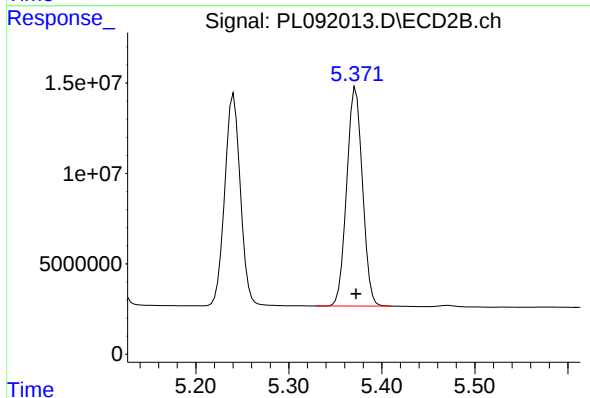
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 110496721
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

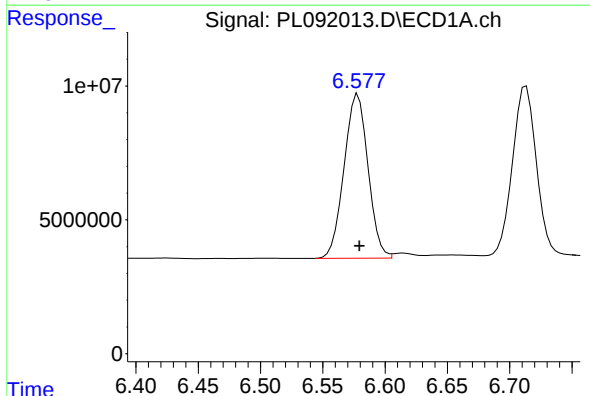
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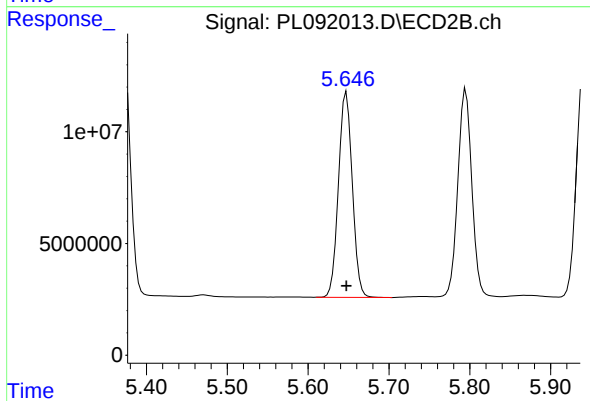
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 142477846
Conc: 48.60 ng/ml



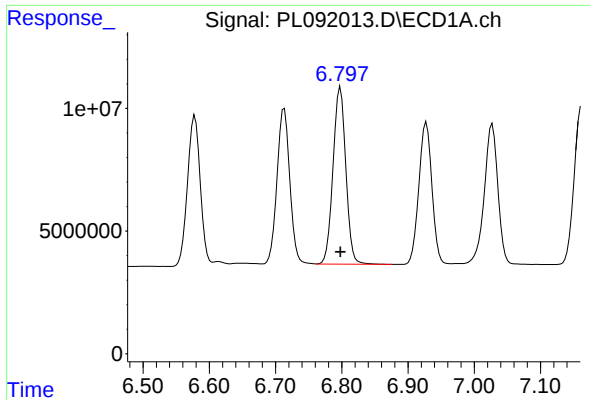
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 82388357
Conc: 39.98 ng/ml m



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 109165316
Conc: 41.63 ng/ml



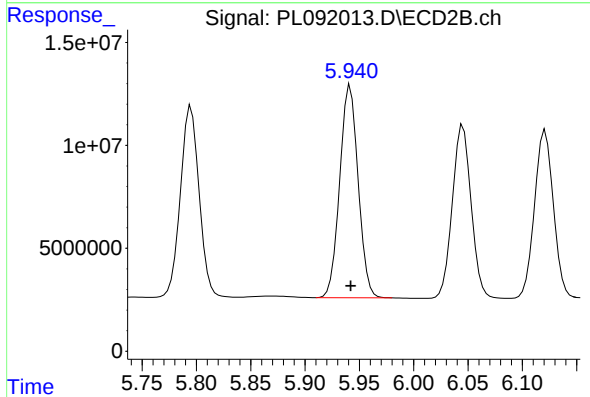
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 97015089
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

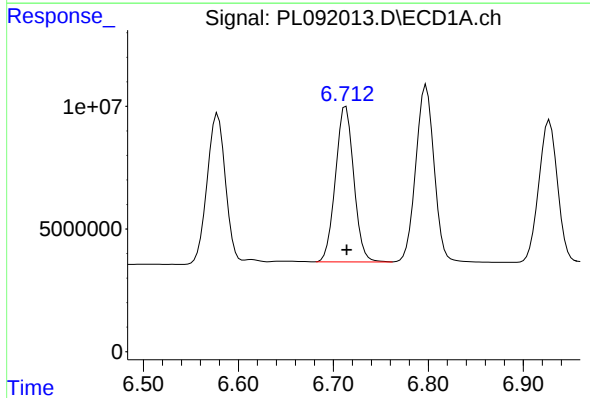
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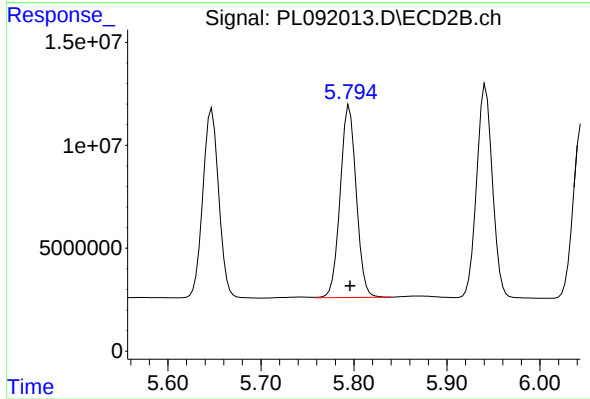
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 121901088
Conc: 48.71 ng/ml



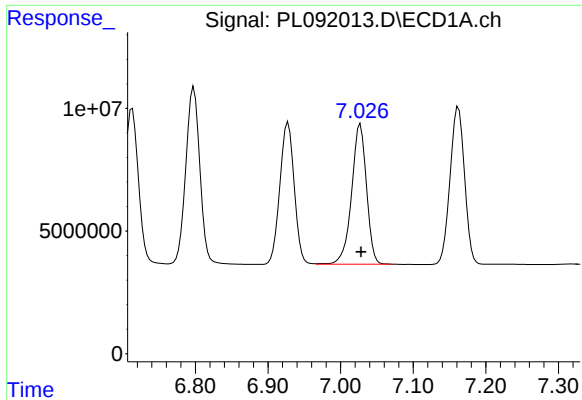
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 85041653
Conc: 47.36 ng/ml



#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 111907665
Conc: 52.39 ng/ml



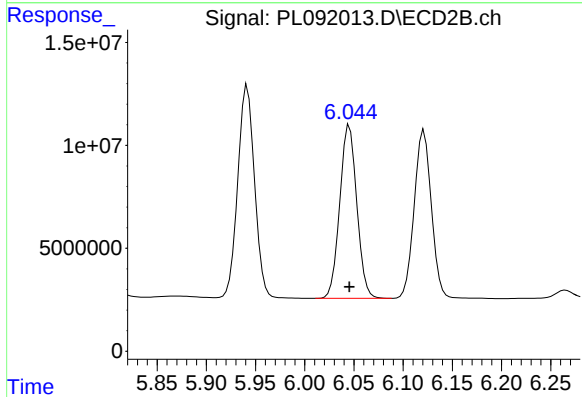
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 81268026
Conc: 44.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

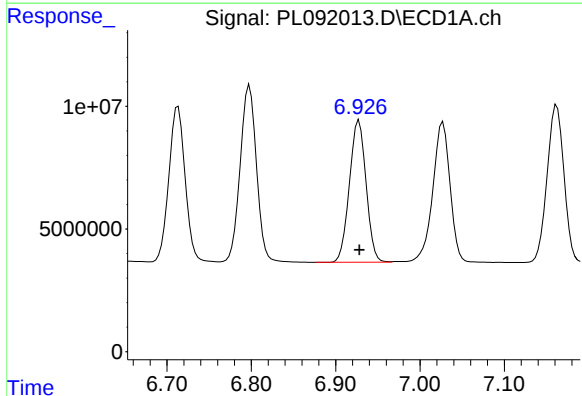
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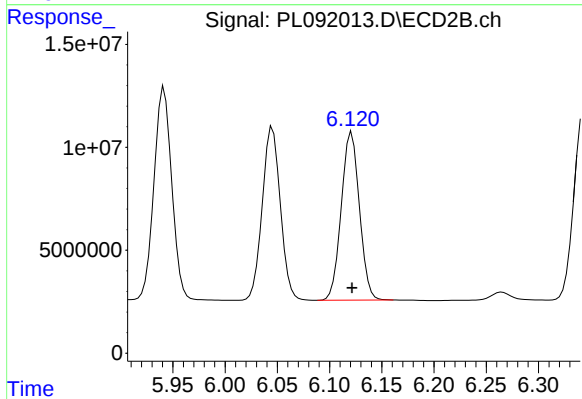
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 101549639
Conc: 43.90 ng/ml



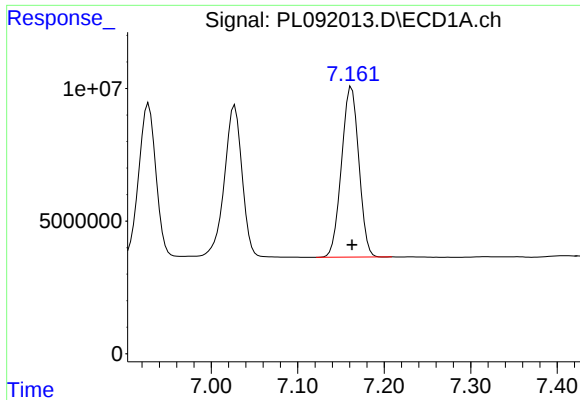
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 79385724
Conc: 45.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 98632035
Conc: 48.33 ng/ml



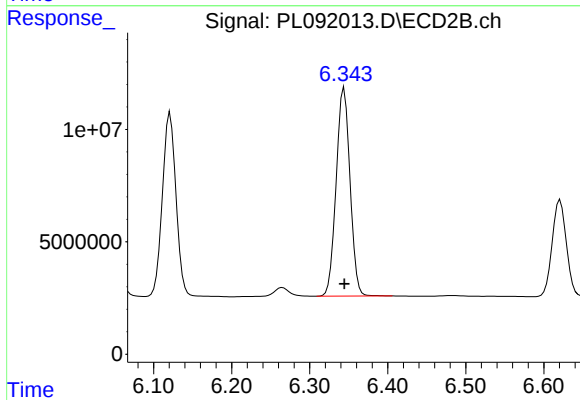
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 88892328
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

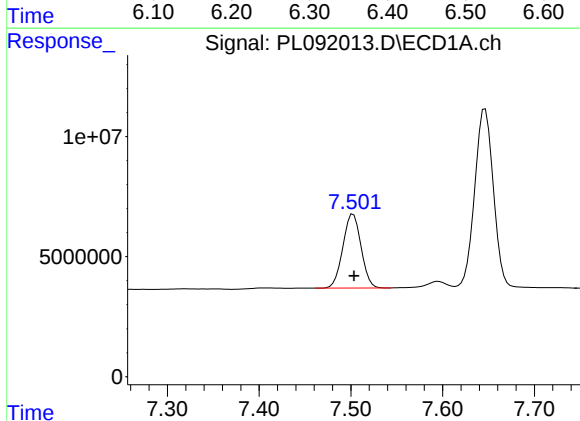
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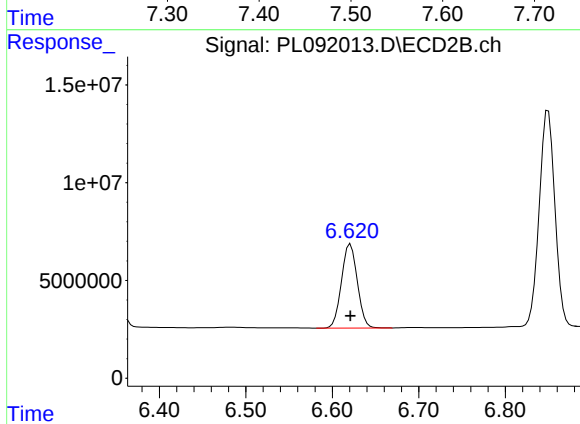
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 114498164
Conc: 47.46 ng/ml



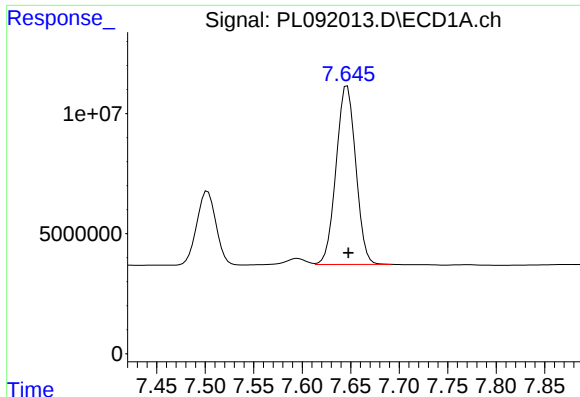
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.001 min
Response: 42377725
Conc: 43.17 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 54361416
Conc: 43.48 ng/ml



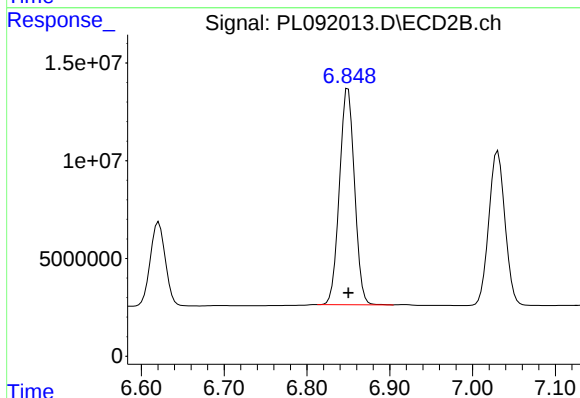
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 104795197
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

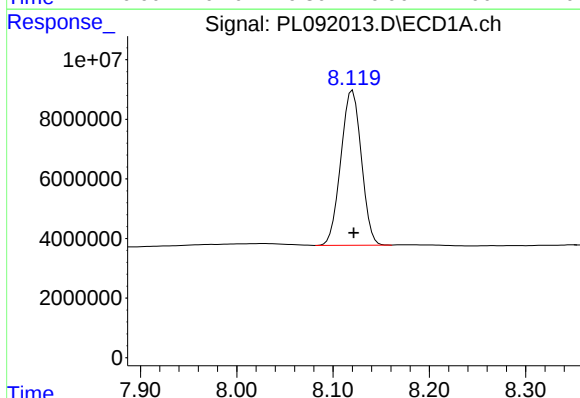
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/25/2024
Supervised By :Ankita Jodhani 09/25/2024



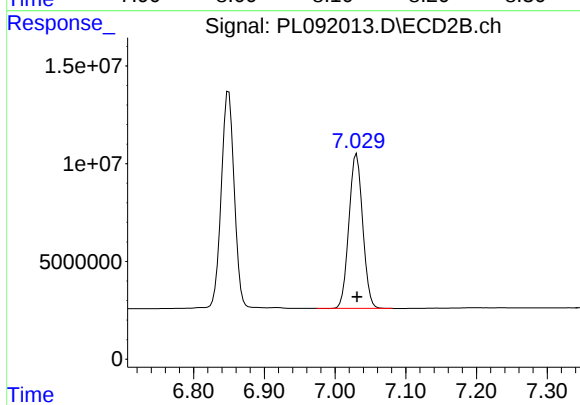
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 139890374
Conc: 50.52 ng/ml



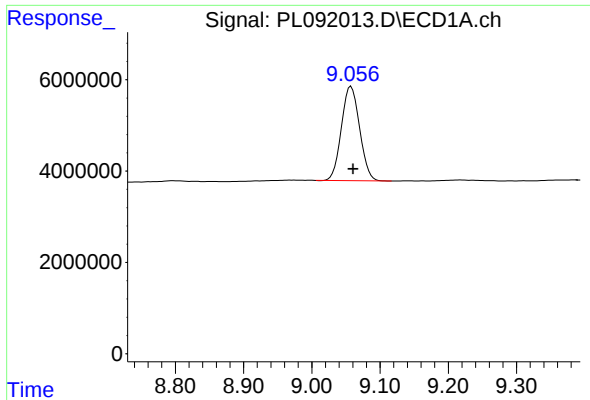
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.001 min
Response: 76650487
Conc: 42.56 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 107149713
Conc: 44.05 ng/ml



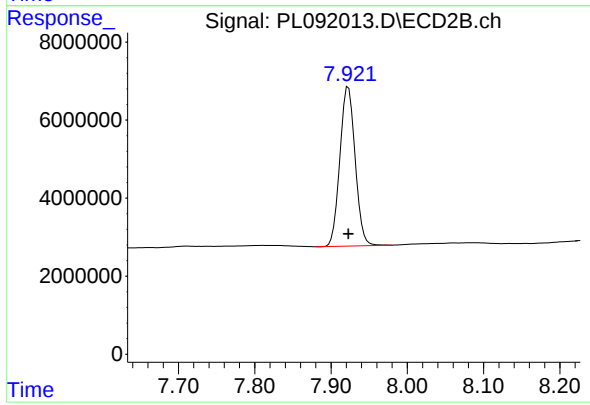
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 38330974
Conc: 23.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163645BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 56671186
Conc: 22.65 ng/ml