

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071824\
 Data File : PL090589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2024 18:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/19/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 01:22:33 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...	3.545	2.788	97747839	80513057	46.945	47.840
28)	SA Decachlor...	9.057	7.930	63347019	69614125	47.670	47.743
Target Compounds							
2)	A alpha-BHC	4.001	3.291	137.3E6	118.0E6	46.276	48.841
3)	MA gamma-BHC...	4.333	3.622	129.2E6	106.8E6	46.126	46.310
4)	MA Heptachlor	4.920	3.961	114.1E6	104.3E6	44.844m	47.284m
5)	MB Aldrin	5.262	4.241	111.2E6	100.2E6	44.490m	47.076m
6)	B beta-BHC	4.528	3.918	58511411	48194758	46.126	46.691m
7)	B delta-BHC	4.775	4.149	110.7E6	105.3E6	41.278	47.868m
8)	B Heptachlo...	5.687	4.745	99807170	90629087	42.464m	46.467
9)	A Endosulfan I	6.072	5.115	93174146	85063430	43.565m	46.514
10)	B gamma-Chl...	5.943	4.995	100.4E6	94476190	43.169m	46.599
11)	B alpha-Chl...	6.023	5.059	101.3E6	94111759	44.106m	46.576
12)	B 4,4'-DDE	6.195	5.246	90450257	84665439	44.733m	47.375m
13)	MA Dieldrin	6.349	5.379	100.1E6	92609574	45.047	47.228
14)	MA Endrin	6.577	5.653	84288832	83136087	45.848m	48.304m
15)	B Endosulfa...	6.797	5.949	98927477	81707917	50.297	47.827
16)	A 4,4'-DDD	6.712	5.802	76727792	70510009	45.449	47.061
17)	MA 4,4'-DDT	7.026	6.053	79934767	71906391	47.487	49.078
18)	B Endrin al...	6.925	6.127	66854936	60476520	45.062m	46.287
19)	B Endosulfa...	7.161	6.350	81865994	74018151	46.615	45.903
20)	A Methoxychlor	7.501	6.626	42389024	40282360	48.011	49.821m
21)	B Endrin ke...	7.645	6.854	88619786	89577831	46.422	49.017m
22)	Mirex	8.119	7.038	69055678	68965159	48.760	46.392

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071824\
Data File : PL090589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2024 18:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

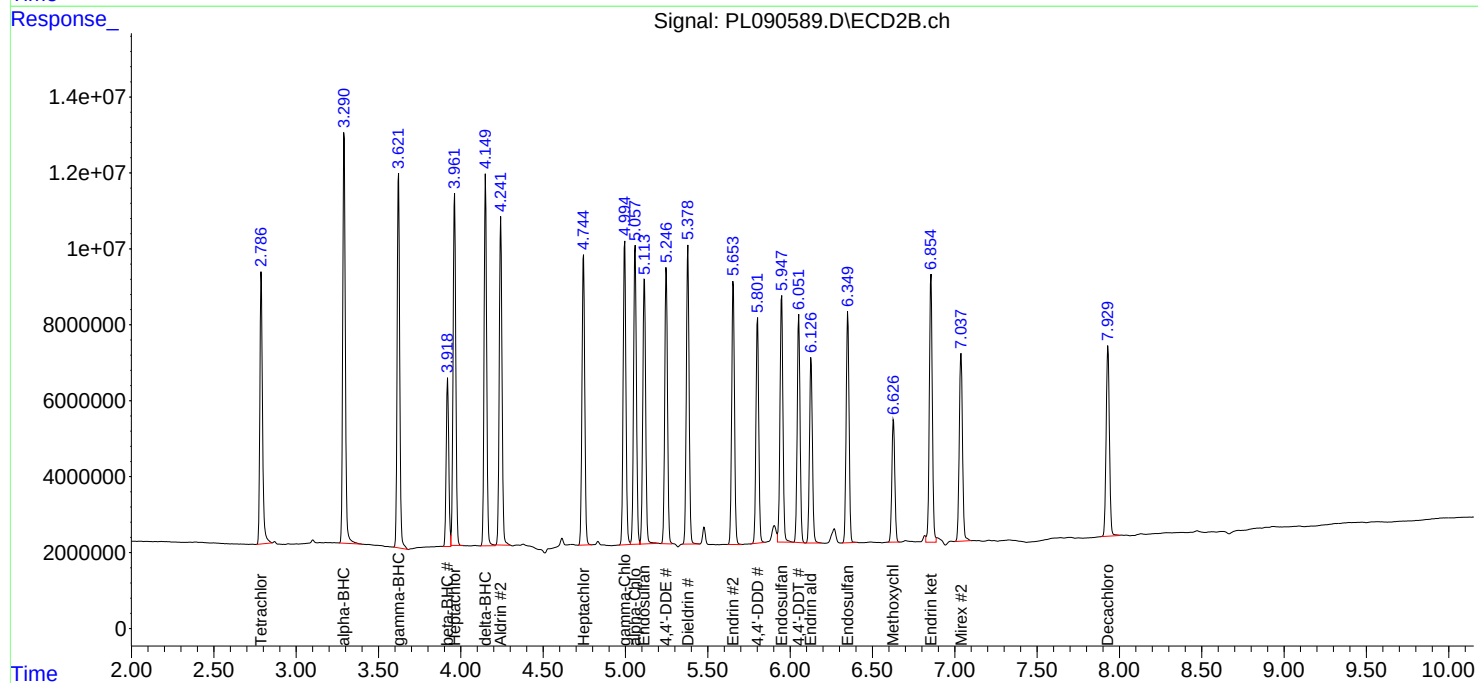
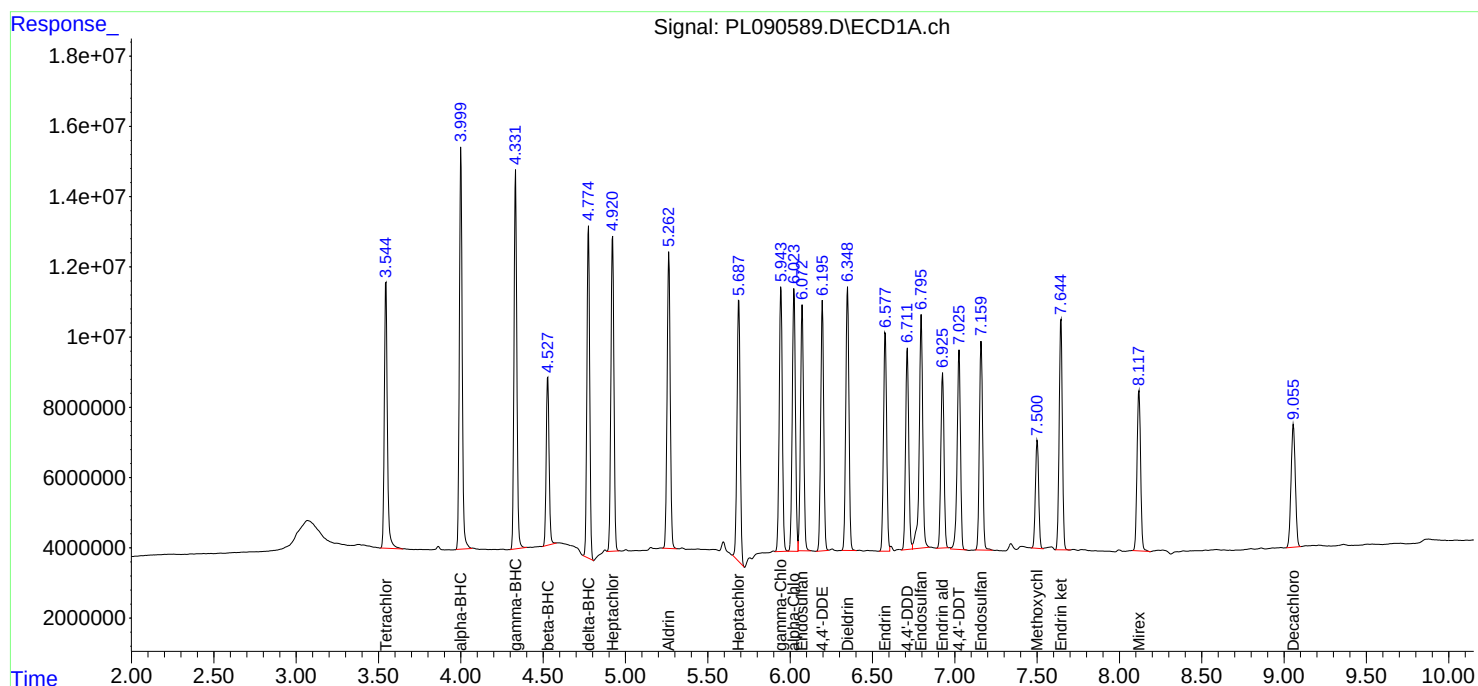
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

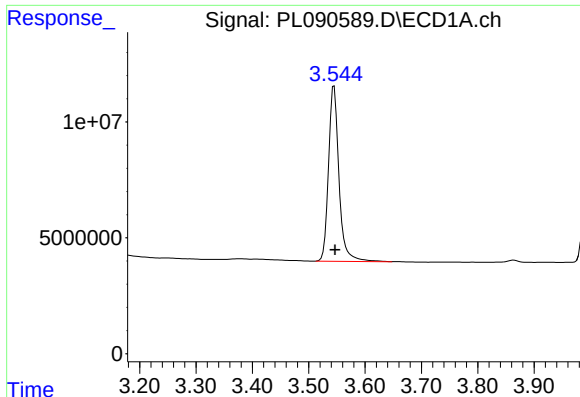
Manual Integrations
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Reviewed By : Abdul Mirza 07/19/2024
Supervised By : Ankita Jodhani 07/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 01:22:33 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





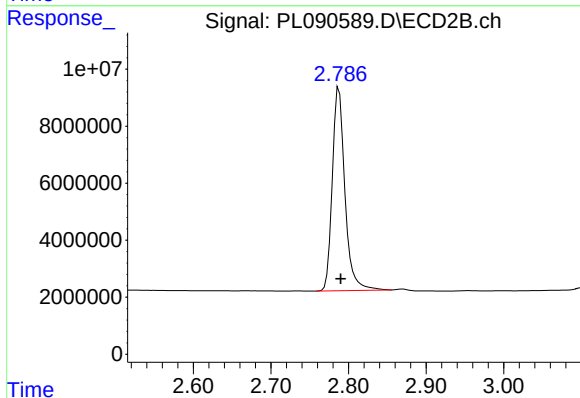
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 97747839
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

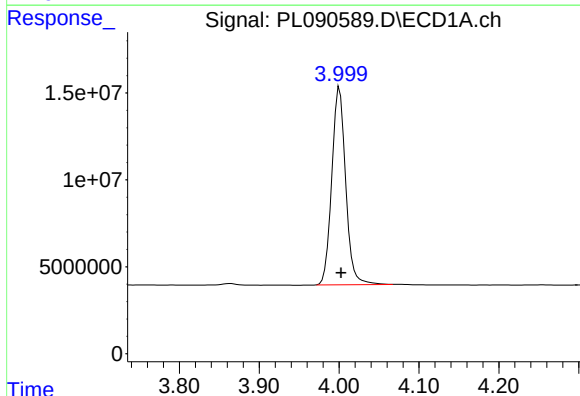
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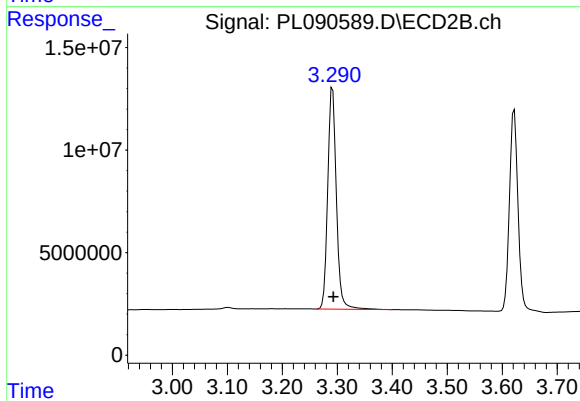
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.002 min
Response: 80513057
Conc: 47.84 ng/ml



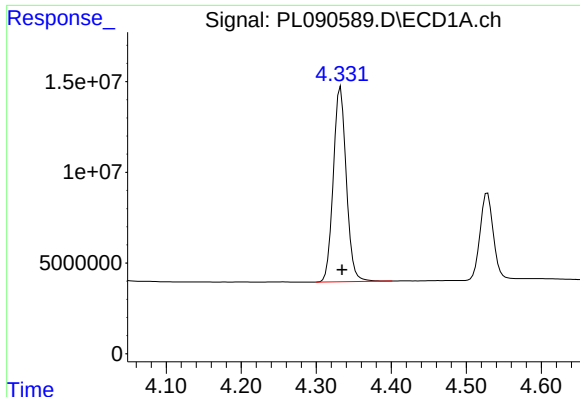
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.002 min
Response: 137318791
Conc: 46.28 ng/ml



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.002 min
Response: 118004581
Conc: 48.84 ng/ml



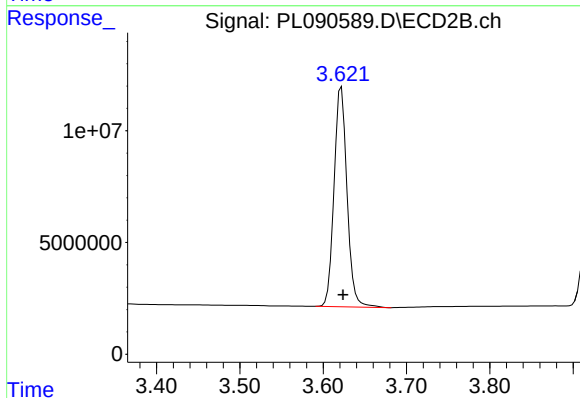
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.002 min
Response: 129174250
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

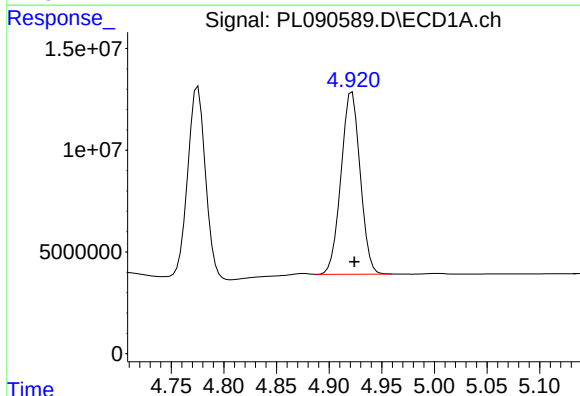
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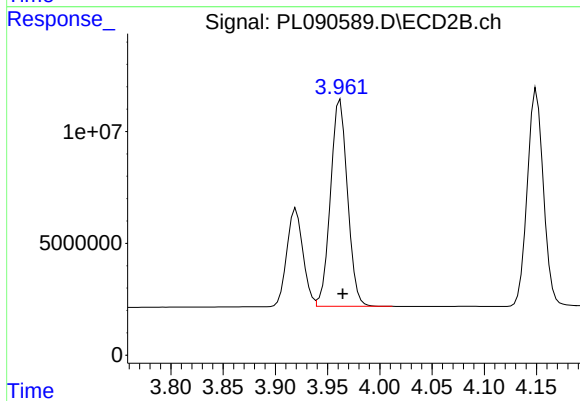
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 106789693
Conc: 46.31 ng/ml



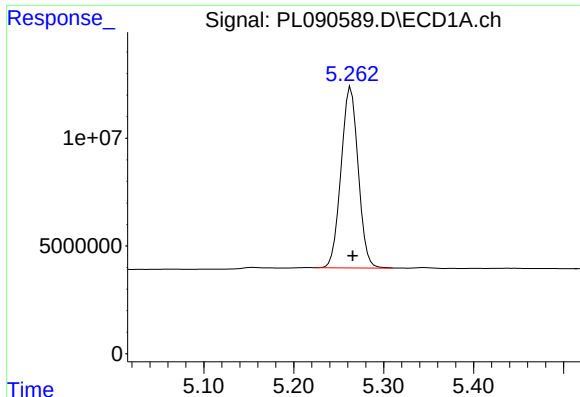
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.004 min
Response: 114130594
Conc: 44.84 ng/ml m



#4 Heptachlor

R.T.: 3.961 min
Delta R.T.: -0.004 min
Response: 104310862
Conc: 47.28 ng/ml m



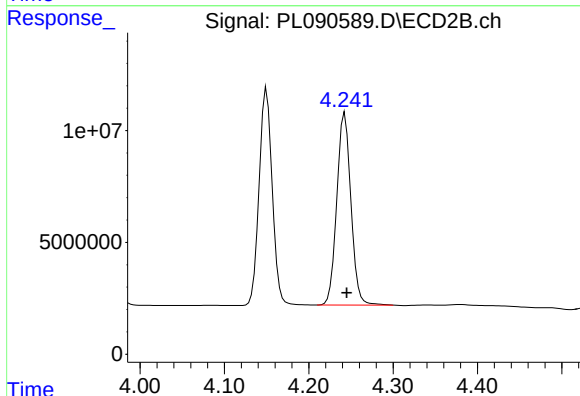
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 111154434
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

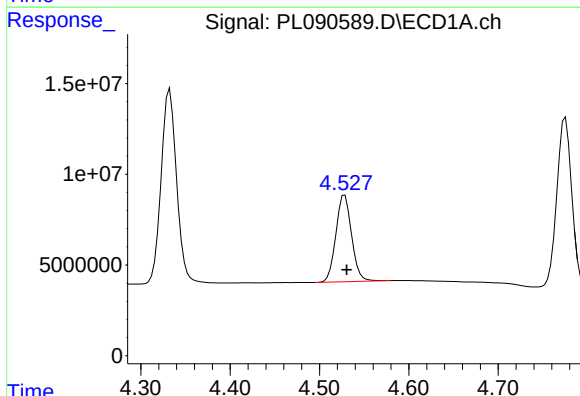
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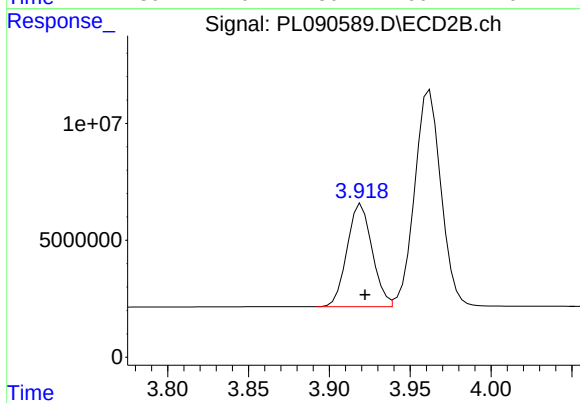
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: -0.003 min
Response: 100152168
Conc: 47.08 ng/ml m



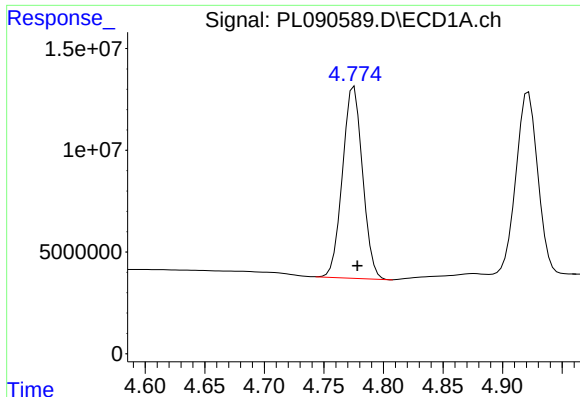
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.002 min
Response: 58511411
Conc: 46.13 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 48194758
Conc: 46.69 ng/ml m



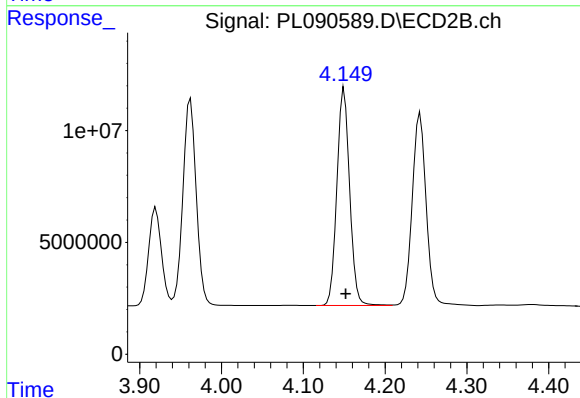
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 110668711
Conc: 41.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

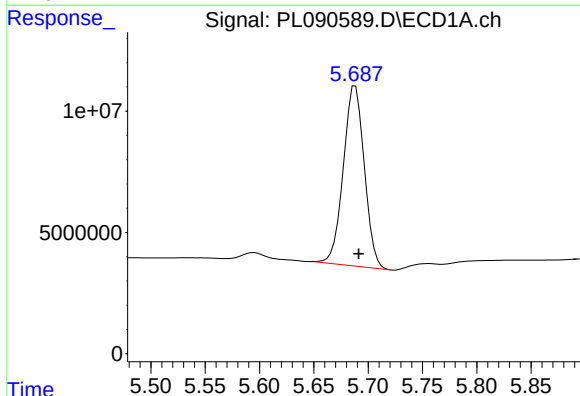
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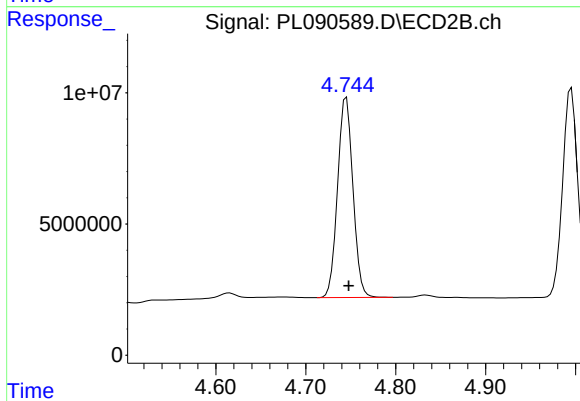
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 105296516
Conc: 47.87 ng/ml m



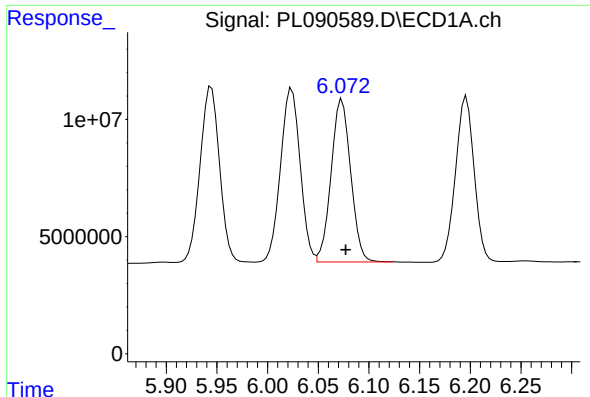
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.005 min
Response: 99807170
Conc: 42.46 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.745 min
Delta R.T.: -0.002 min
Response: 90629087
Conc: 46.47 ng/ml



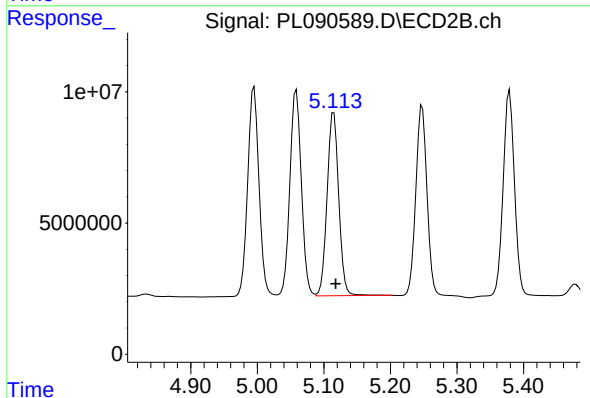
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 93174146
Conc: 43.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

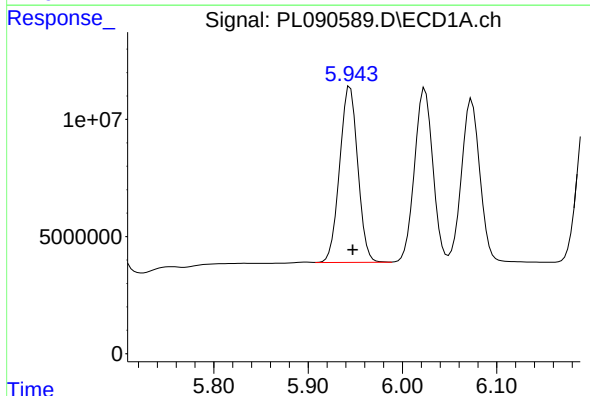
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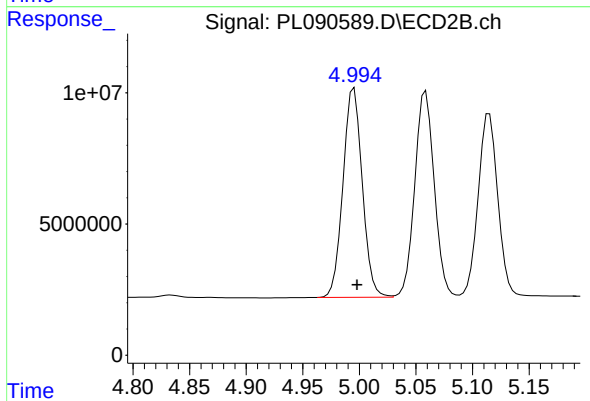
#9 Endosulfan I

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 85063430
Conc: 46.51 ng/ml



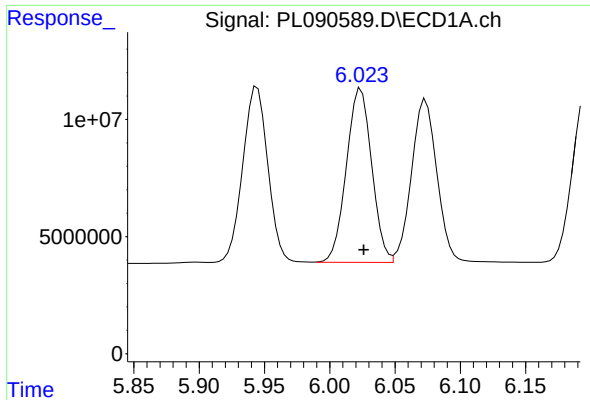
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.004 min
Response: 100369042
Conc: 43.17 ng/ml m



#10 gamma-Chlordane

R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 94476190
Conc: 46.60 ng/ml



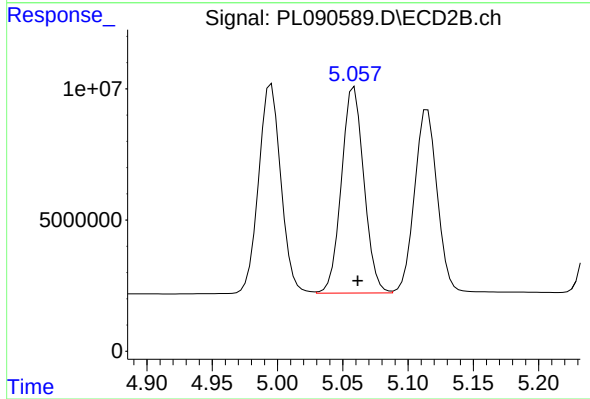
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 101254445
Conc: 44.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

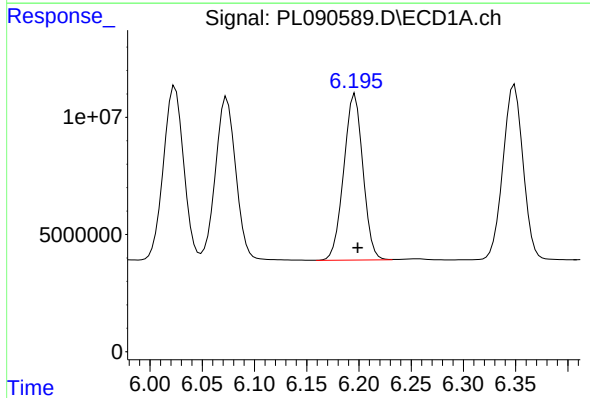
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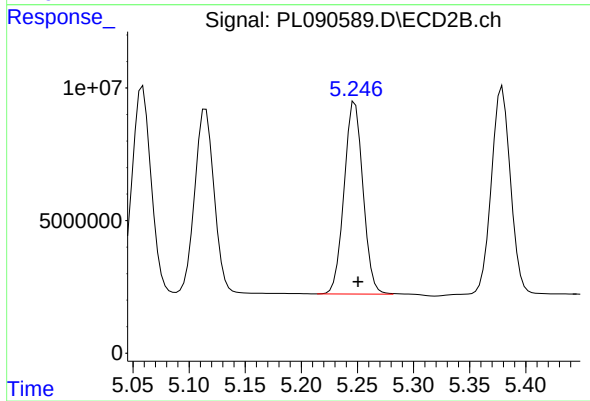
#11 alpha-Chlordane

R.T.: 5.059 min
Delta R.T.: -0.003 min
Response: 94111759
Conc: 46.58 ng/ml



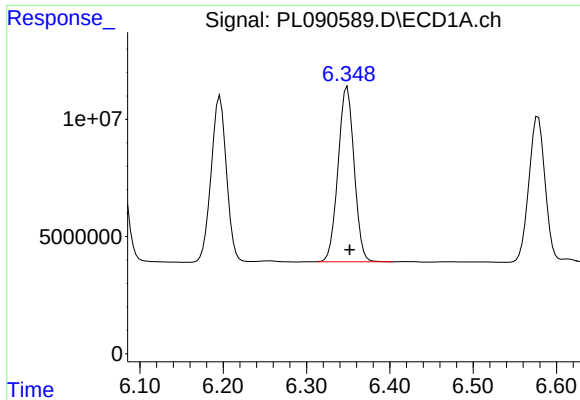
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.004 min
Response: 90450257
Conc: 44.73 ng/ml m



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 84665439
Conc: 47.38 ng/ml m



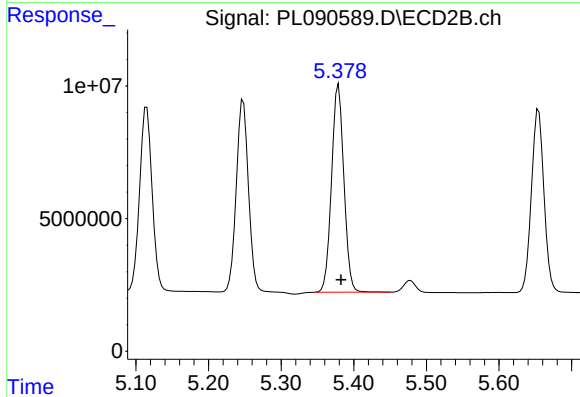
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 100087030
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

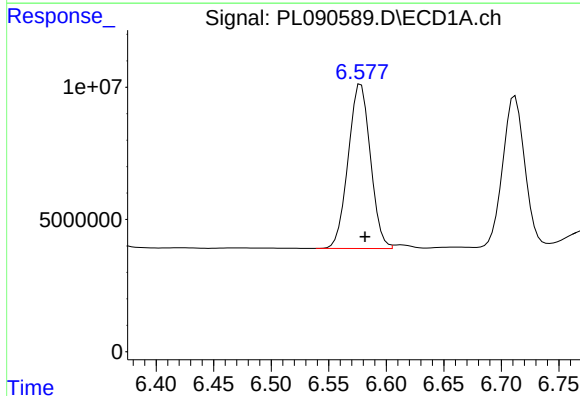
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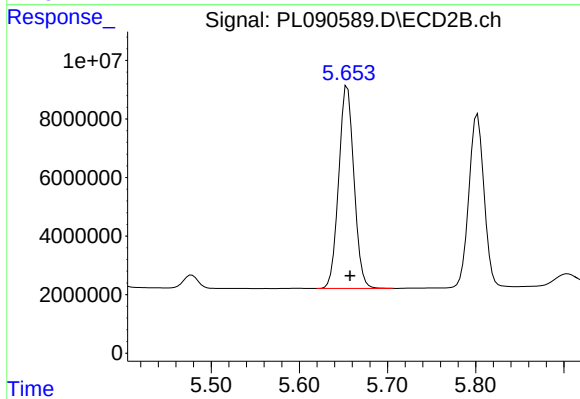
#13 Dieldrin

R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 92609574
Conc: 47.23 ng/ml



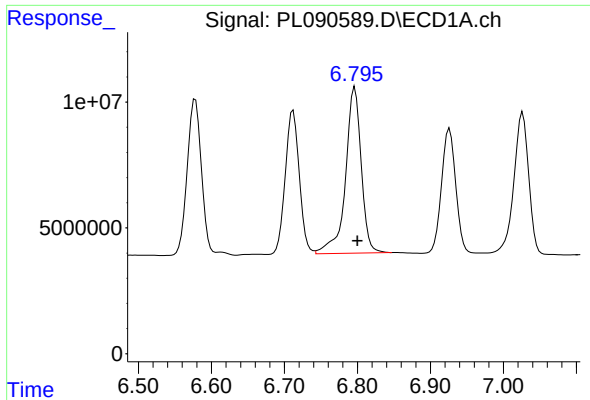
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 84288832
Conc: 45.85 ng/ml m



#14 Endrin

R.T.: 5.653 min
Delta R.T.: -0.004 min
Response: 83136087
Conc: 48.30 ng/ml m



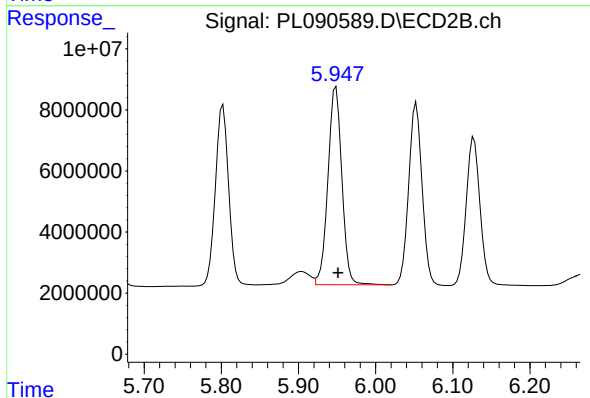
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 98927477
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

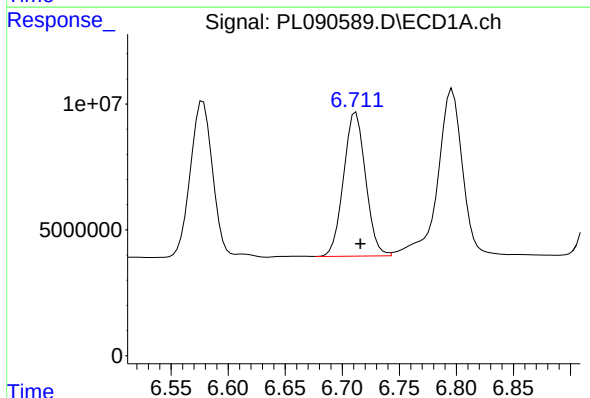
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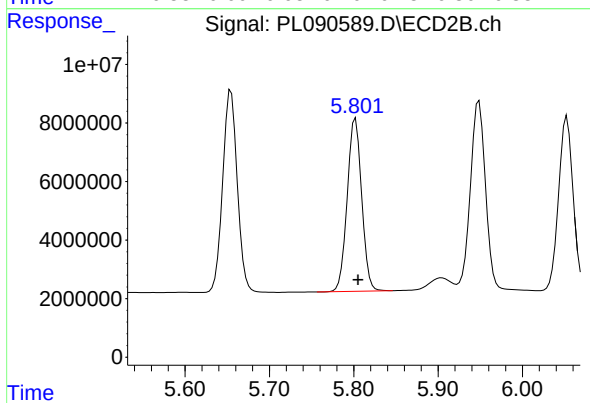
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 81707917
Conc: 47.83 ng/ml



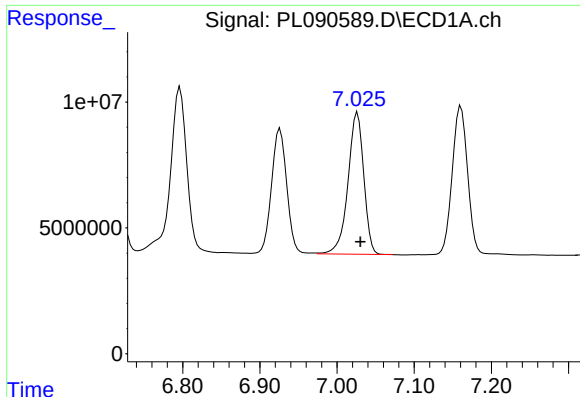
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 76727792
Conc: 45.45 ng/ml



#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 70510009
Conc: 47.06 ng/ml



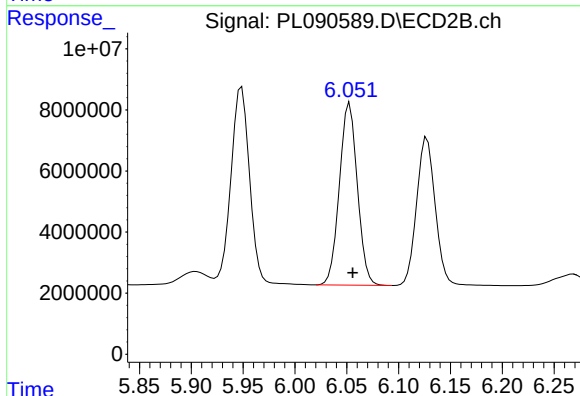
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.004 min
Response: 79934767
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

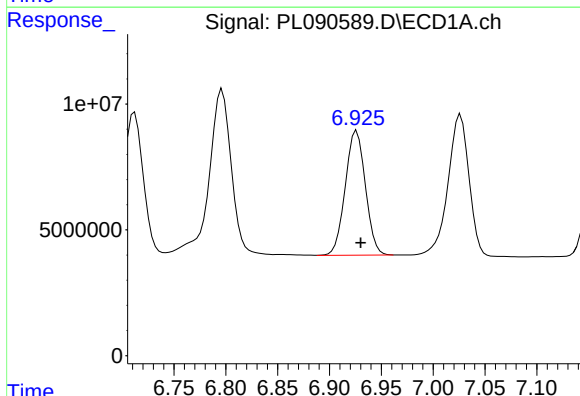
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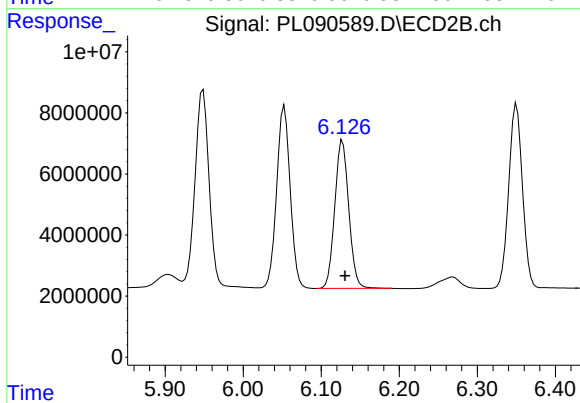
#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 71906391
Conc: 49.08 ng/ml



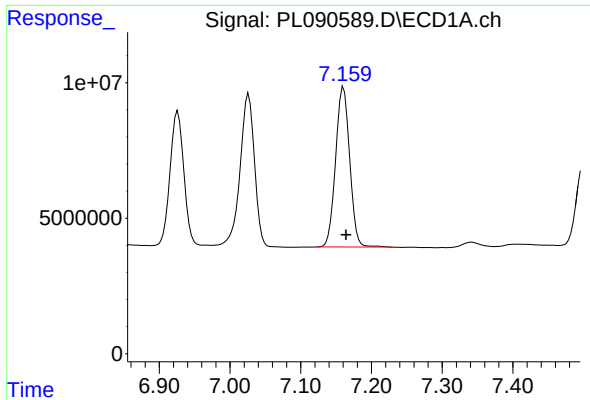
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 66854936
Conc: 45.06 ng/ml m



#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 60476520
Conc: 46.29 ng/ml



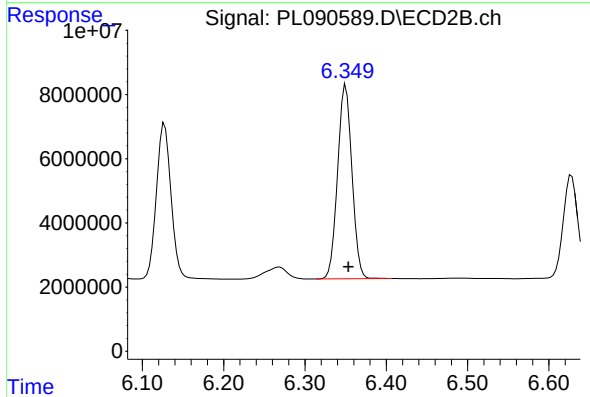
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.004 min
Response: 81865994
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

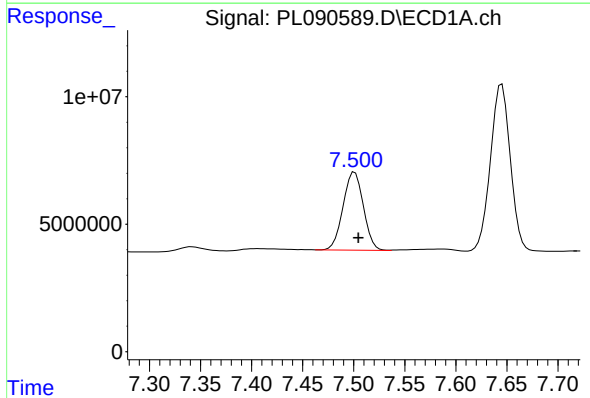
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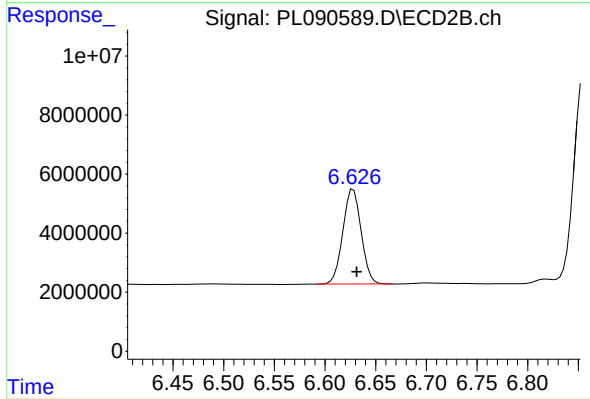
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 74018151
Conc: 45.90 ng/ml



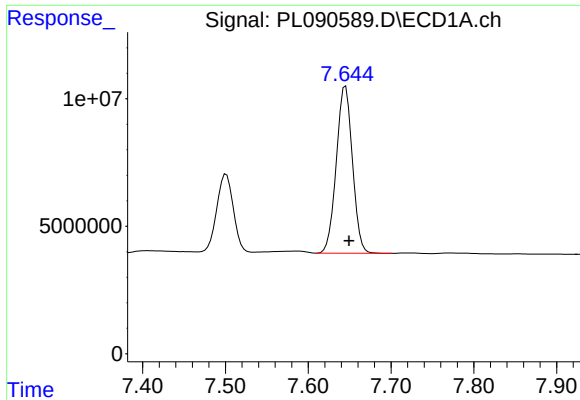
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.004 min
Response: 42389024
Conc: 48.01 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 40282360
Conc: 49.82 ng/ml m



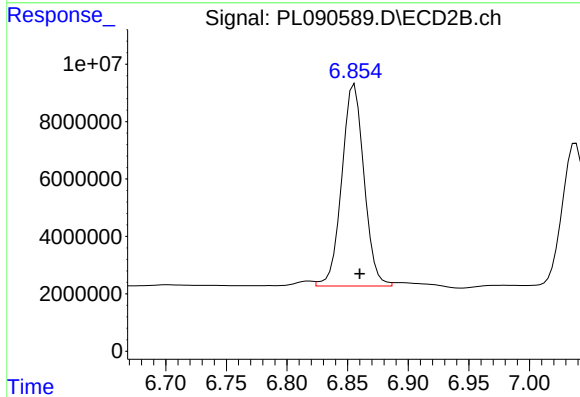
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 88619786
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

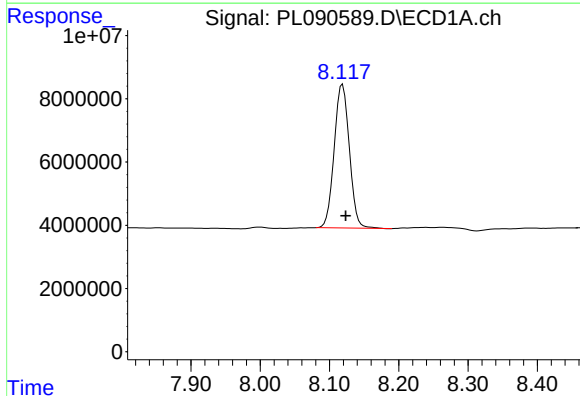
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Supervised By :Ankita Jodhani 07/19/2024



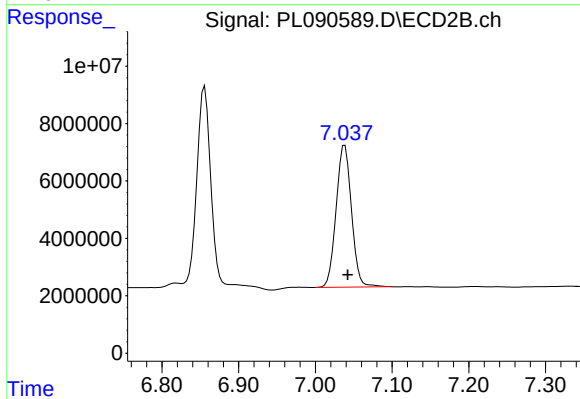
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.006 min
Response: 89577831
Conc: 49.02 ng/ml m



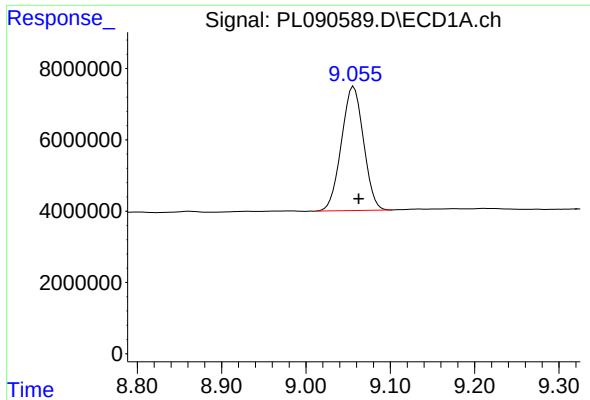
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.005 min
Response: 69055678
Conc: 48.76 ng/ml



#22 Mirex

R.T.: 7.038 min
Delta R.T.: -0.004 min
Response: 68965159
Conc: 46.39 ng/ml



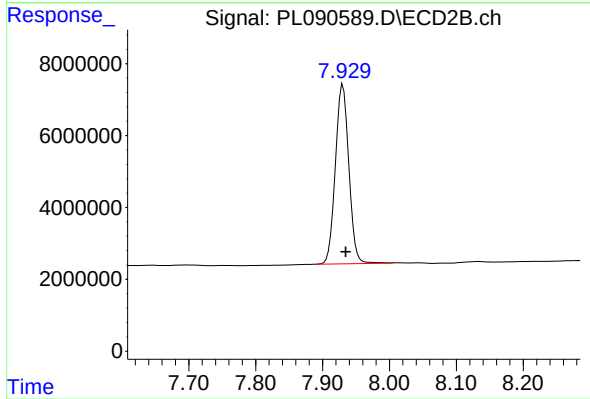
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.006 min
Response: 63347019
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/19/2024
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#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 69614125
Conc: 47.74 ng/ml