

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081524\
 Data File : PL091107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2024 11:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 13:38:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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	2.786	94392234	89471091	43.961	45.836
28)	SA Decachlor...	9.061	7.929	70001470	86377202	45.916	45.603
Target Compounds							
2)	A alpha-BHC	4.002	3.290	134.5E6	132.2E6	44.856	47.666
3)	MA gamma-BHC...	4.334	3.620	129.2E6	125.1E6	45.035	47.493
4)	MA Heptachlor	4.923	3.960	119.9E6	122.9E6	45.013	47.599
5)	MB Aldrin	5.265	4.241	114.5E6	118.0E6	44.347	47.969
6)	B beta-BHC	4.530	3.919	60537423	55043206	44.764	46.763
7)	B delta-BHC	4.777	4.149	124.0E6	122.1E6	45.529	48.187
8)	B Heptachlo...	5.690	4.743	110.6E6	106.6E6	45.210	47.292
9)	A Endosulfan I	6.076	5.113	101.2E6	98682854	45.068	46.765
10)	B gamma-Chl...	5.945	4.994	109.5E6	111.8E6	45.320m	47.299
11)	B alpha-Chl...	6.025	5.057	109.0E6	111.2E6	45.290	47.247
12)	B 4,4'-DDE	6.198	5.245	93783843	99328355	44.828	47.539m
13)	MA Dieldrin	6.351	5.378	106.6E6	109.3E6	45.254	47.969
14)	MA Endrin	6.580	5.653	87016767	96656780	44.872	47.447
15)	B Endosulfa...	6.799	5.947	94561705	94662364	46.728	48.929
16)	A 4,4'-DDD	6.714	5.801	76944450	81927049	50.910	49.629
17)	MA 4,4'-DDT	7.028	6.051	80947136	84976687	45.602	47.836
18)	B Endrin al...	6.929	6.127	71270903	73237379	44.645	47.017
19)	B Endosulfa...	7.163	6.349	85617385	91311653	44.624	47.361
20)	A Methoxychlor	7.504	6.626	43112985	46486806	45.852	46.815
21)	B Endrin ke...	7.649	6.855	94688059	103.3E6	45.096	47.429
22)	Mirex	8.122	7.037	74548394	84612654	43.822	45.334

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081524\
Data File : PL091107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2024 11:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

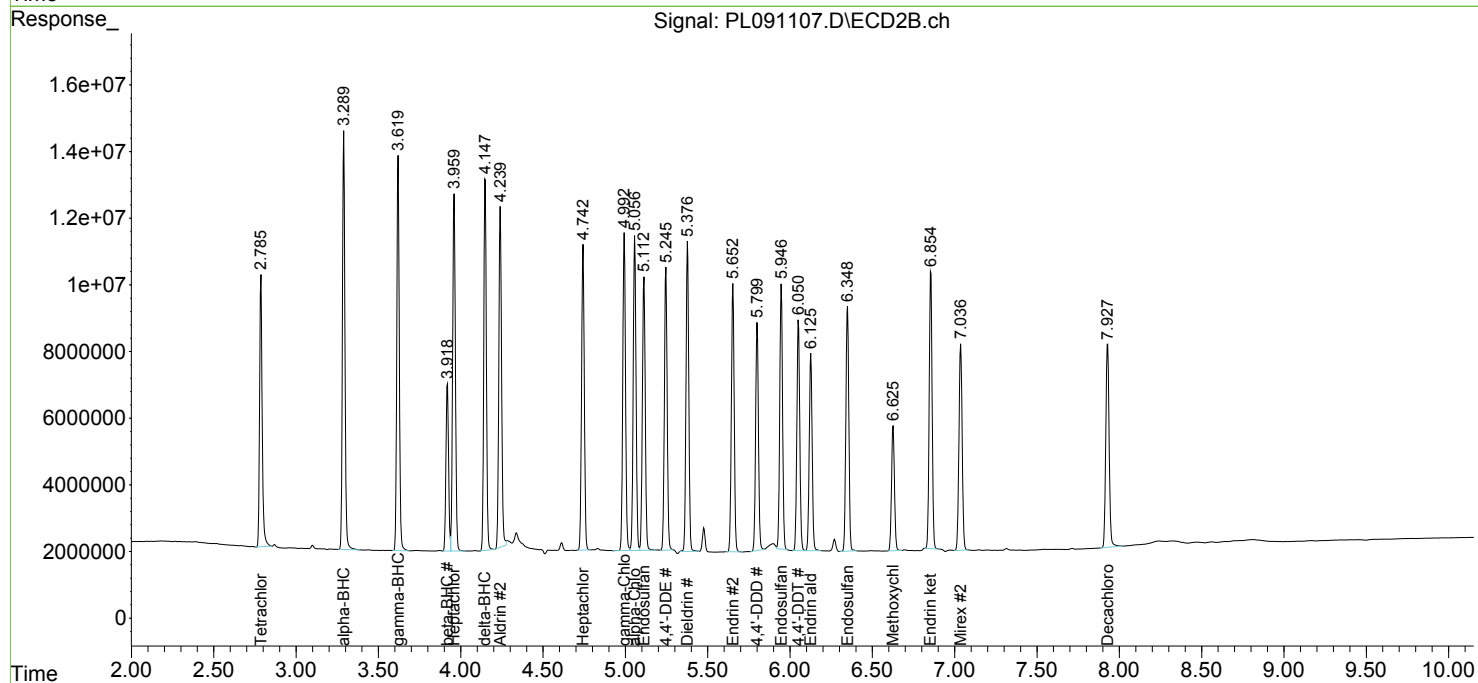
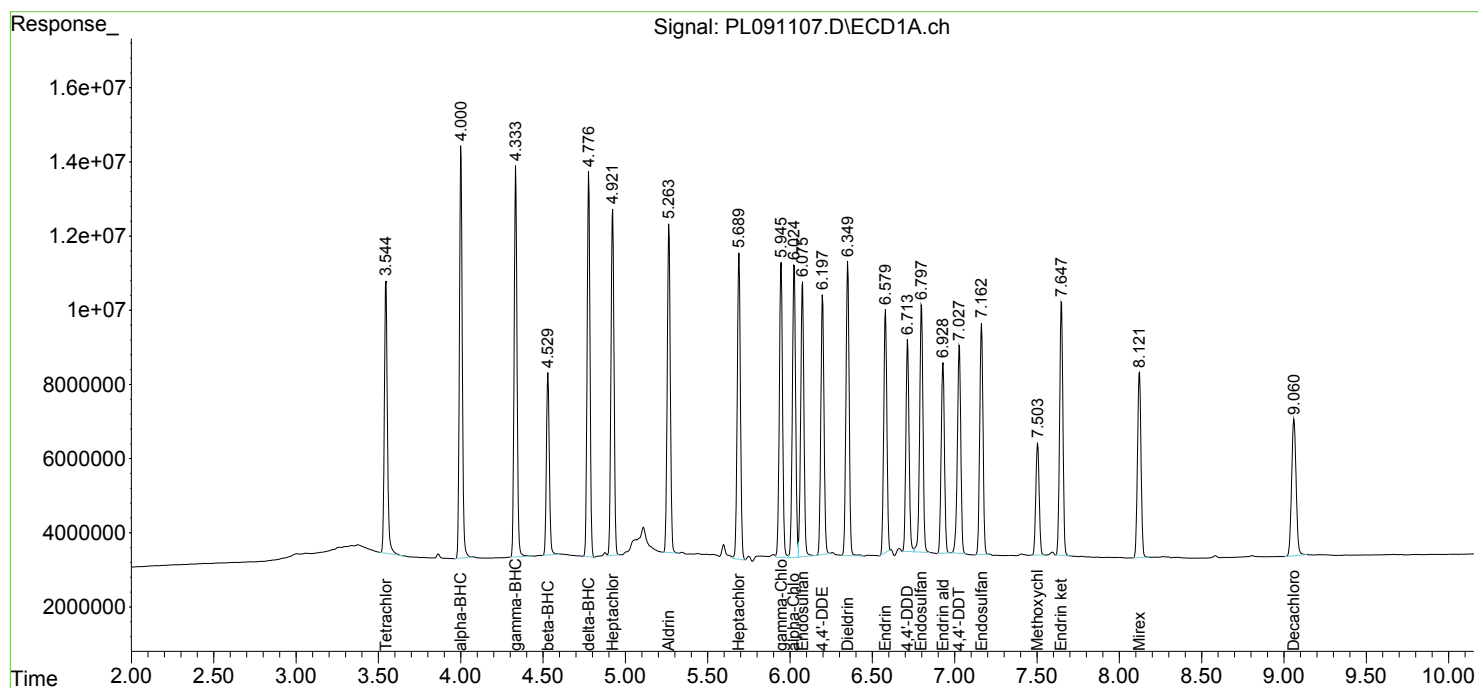
APPROVED

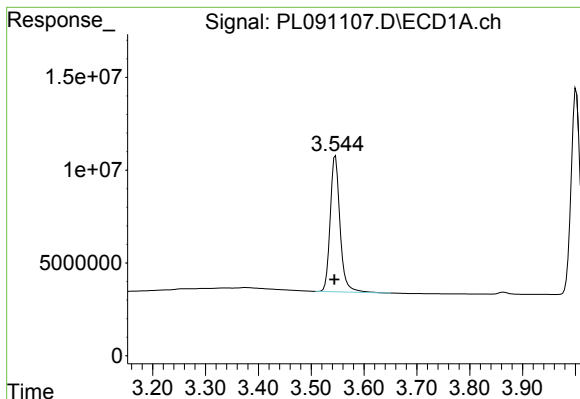
Reviewed By :Abdul Mirza 08/19/2024

Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 13:38:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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.: 3.546 min
Delta R.T.: 0.002 min
Response: 94392234
Conc: 43.96 ng/ml

Instrument :

ECD_L

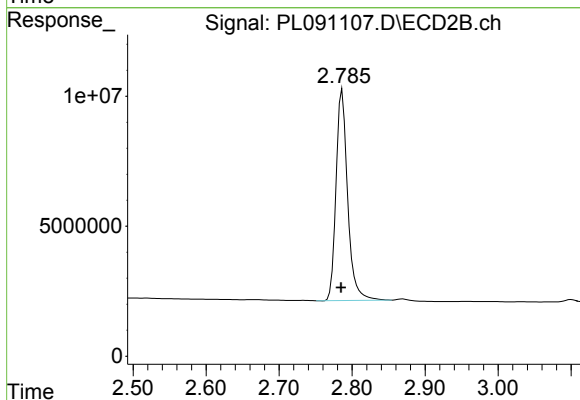
ClientSampleId :

PSTDCCC050

Manual Integrations

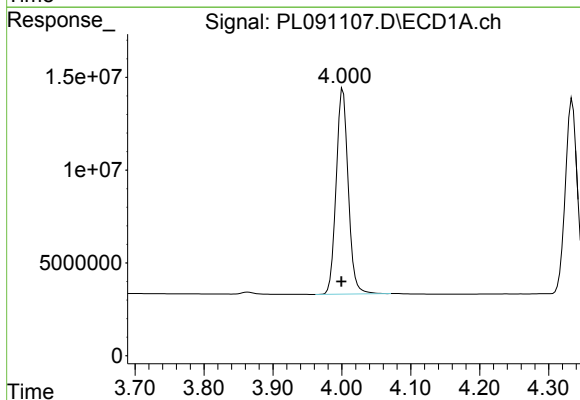
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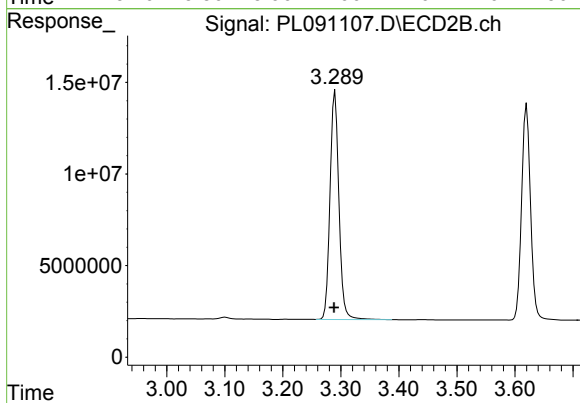
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.002 min
Response: 89471091
Conc: 45.84 ng/ml



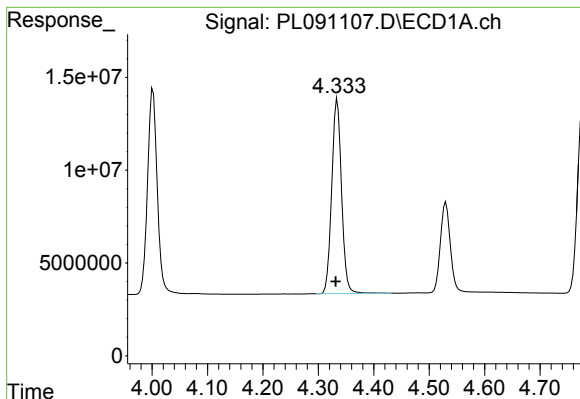
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.002 min
Response: 134470231
Conc: 44.86 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.001 min
Response: 132198501
Conc: 47.67 ng/ml



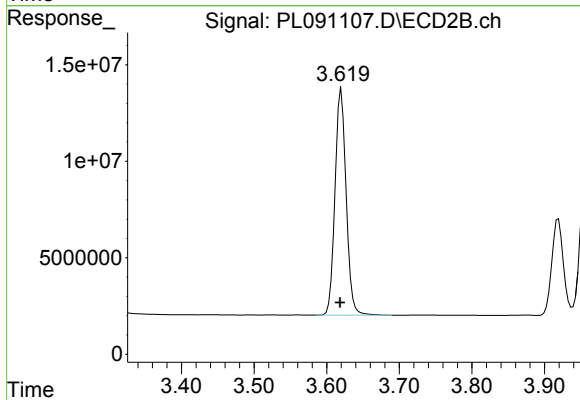
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.003 min
Response: 129190368
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

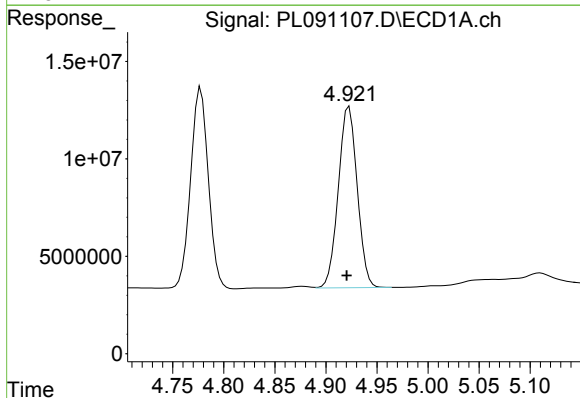
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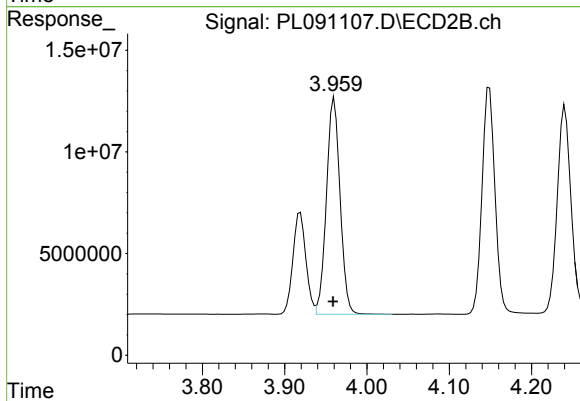
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: 0.002 min
Response: 125093437
Conc: 47.49 ng/ml



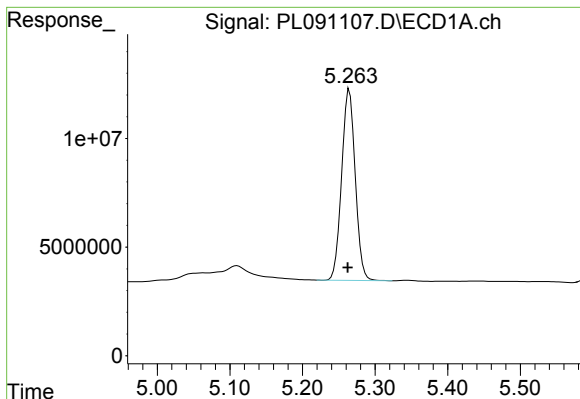
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 119869540
Conc: 45.01 ng/ml



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: 0.002 min
Response: 122934171
Conc: 47.60 ng/ml



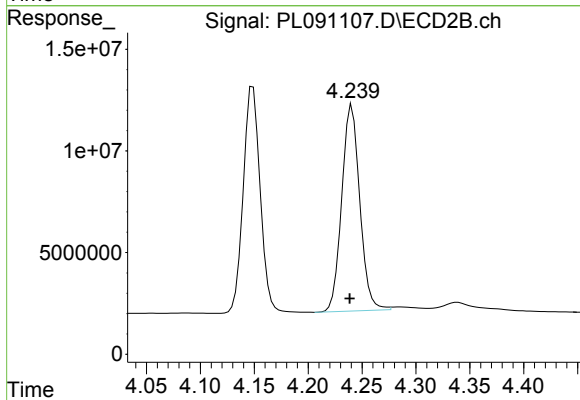
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.002 min
Response: 114453775
Conc: 44.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

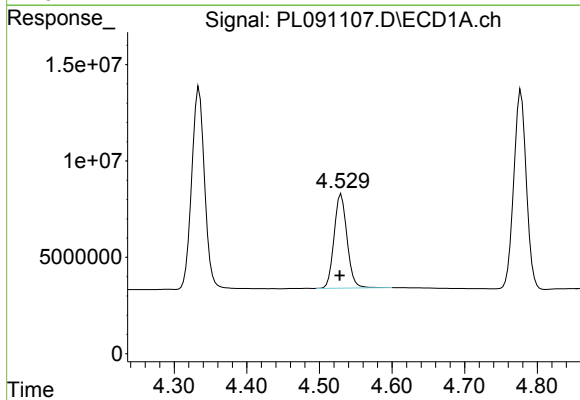
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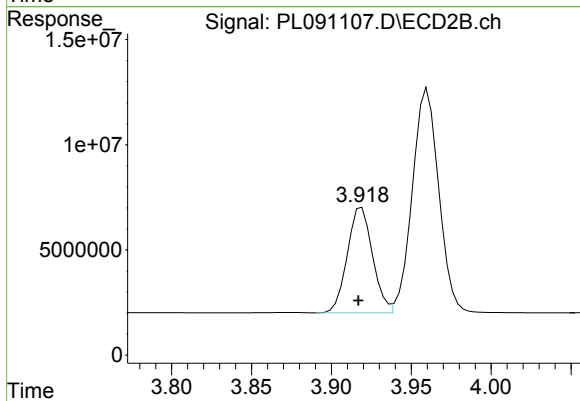
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: 0.002 min
Response: 117963769
Conc: 47.97 ng/ml



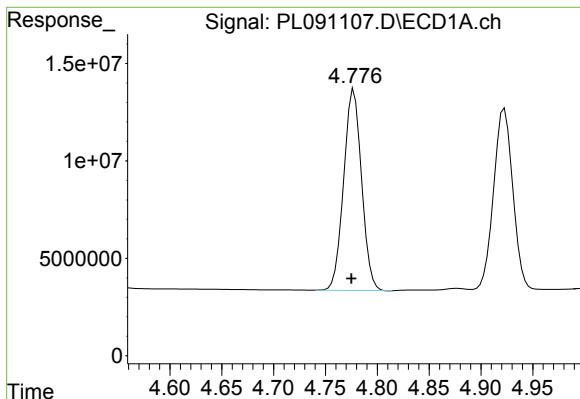
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.002 min
Response: 60537423
Conc: 44.76 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.002 min
Response: 55043206
Conc: 46.76 ng/ml



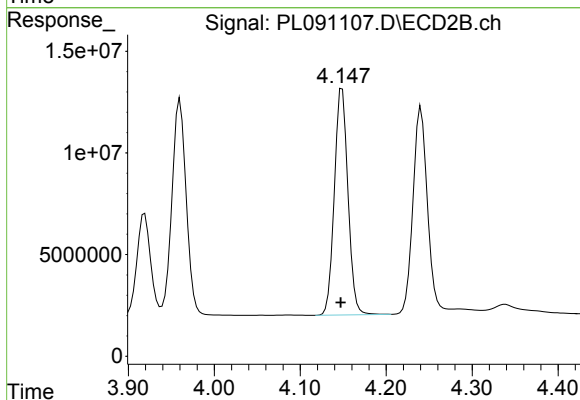
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.003 min
Response: 123952989
Conc: 45.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

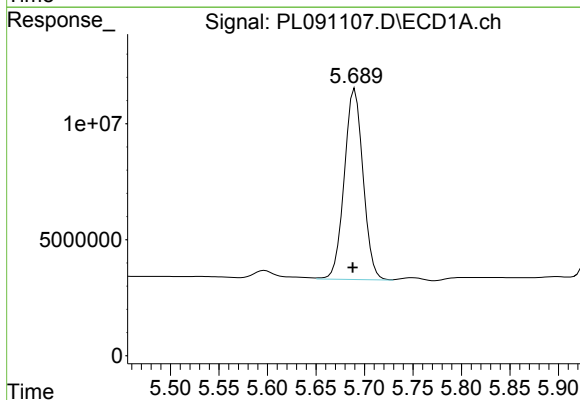
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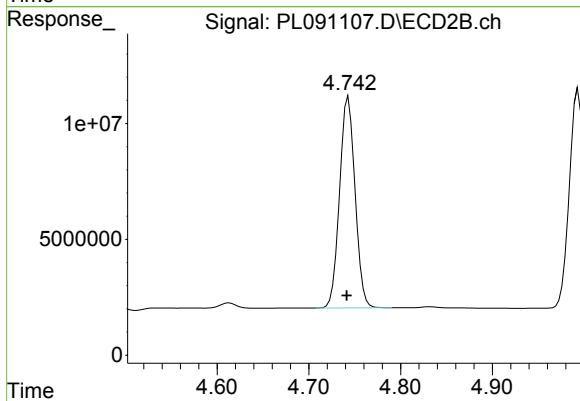
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: 0.002 min
Response: 122117119
Conc: 48.19 ng/ml



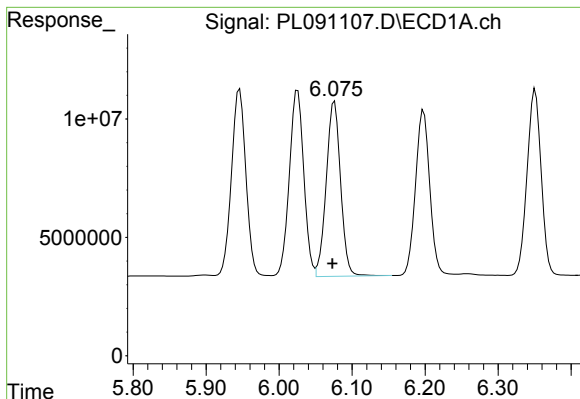
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.002 min
Response: 110608382
Conc: 45.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: 0.002 min
Response: 106636799
Conc: 47.29 ng/ml



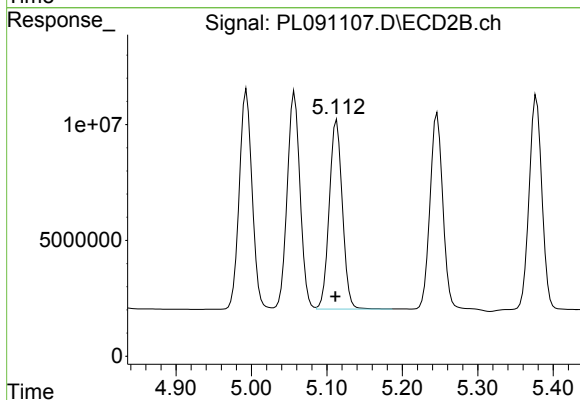
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 101193688
Conc: 45.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

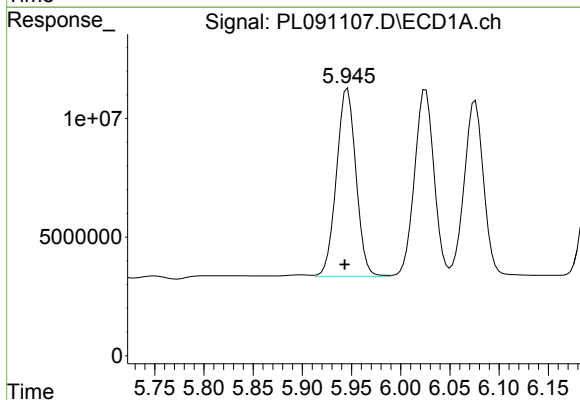
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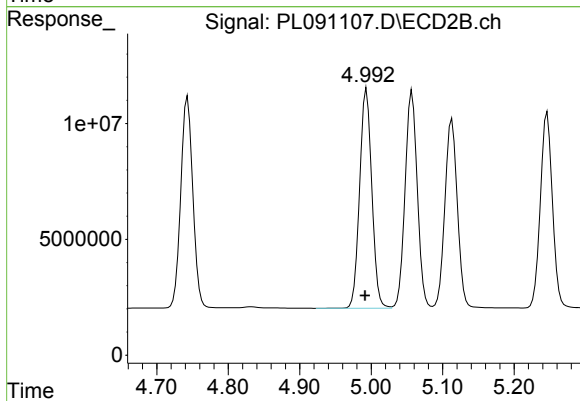
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: 0.002 min
Response: 98682854
Conc: 46.77 ng/ml



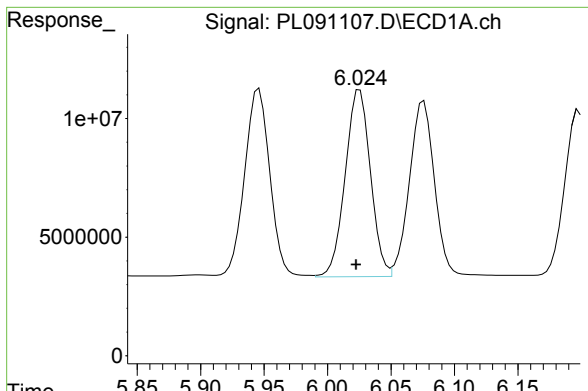
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.002 min
Response: 109512039
Conc: 45.32 ng/ml m



#10 gamma-Chlordane

R.T.: 4.994 min
Delta R.T.: 0.002 min
Response: 111811399
Conc: 47.30 ng/ml



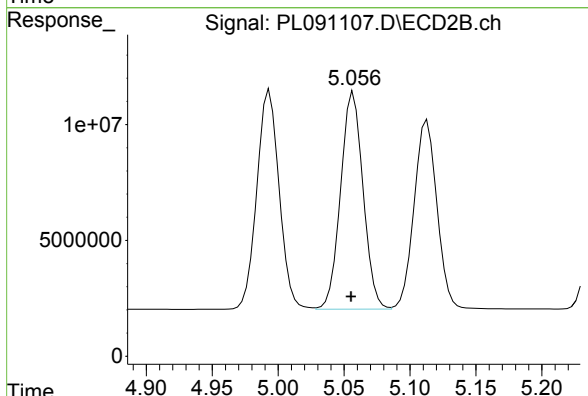
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.003 min
Response: 109044822
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

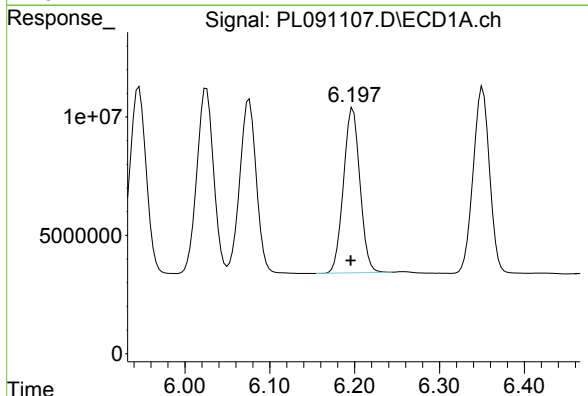
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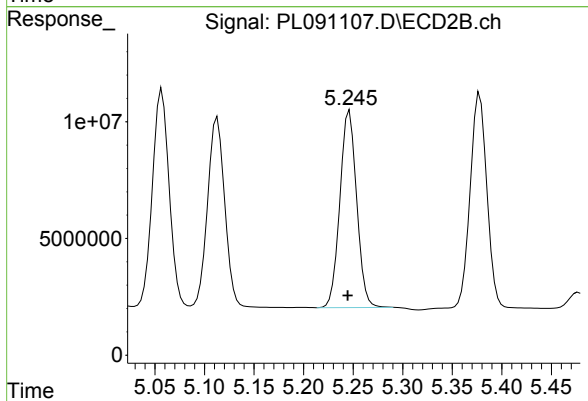
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: 0.002 min
Response: 111151424
Conc: 47.25 ng/ml



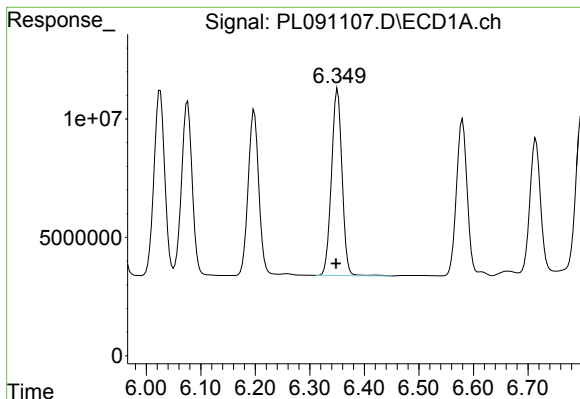
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 93783843
Conc: 44.83 ng/ml



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 99328355
Conc: 47.54 ng/ml m



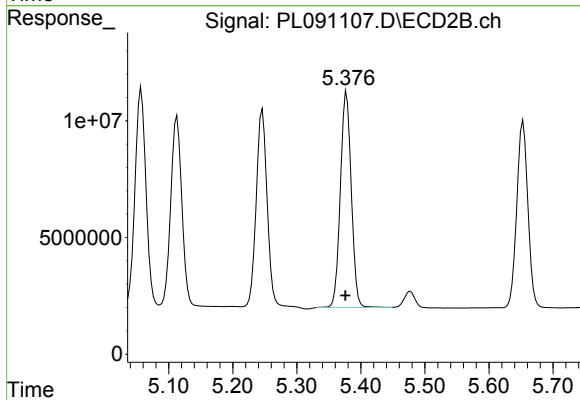
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.003 min
Response: 106584336
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

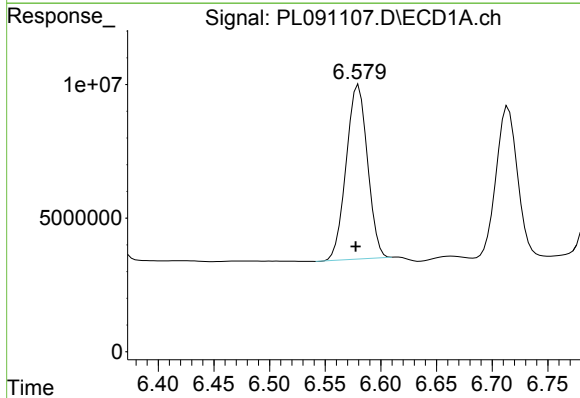
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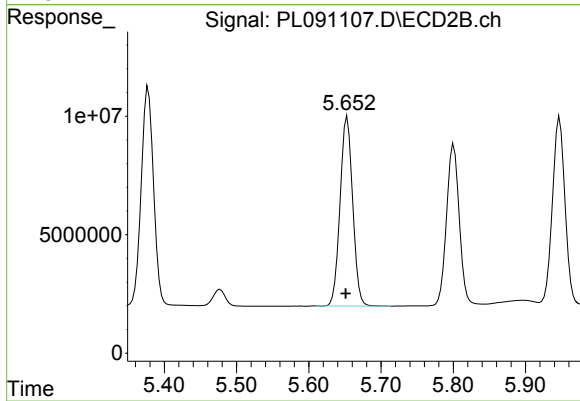
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: 0.002 min
Response: 109251846
Conc: 47.97 ng/ml



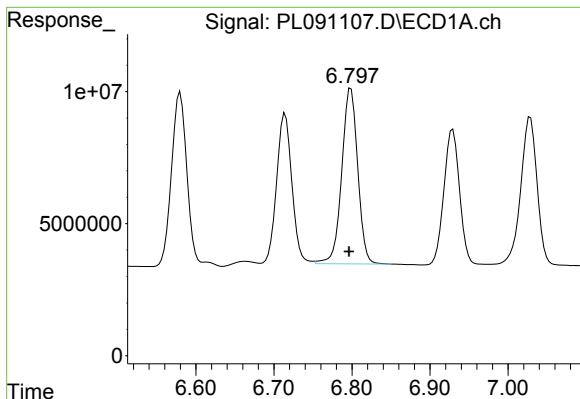
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 87016767
Conc: 44.87 ng/ml



#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.002 min
Response: 96656780
Conc: 47.45 ng/ml



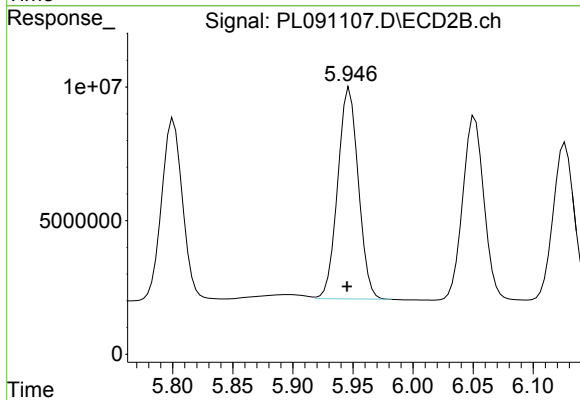
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.003 min
Response: 94561705
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

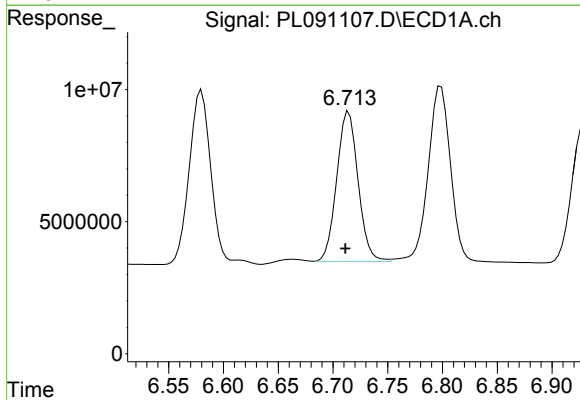
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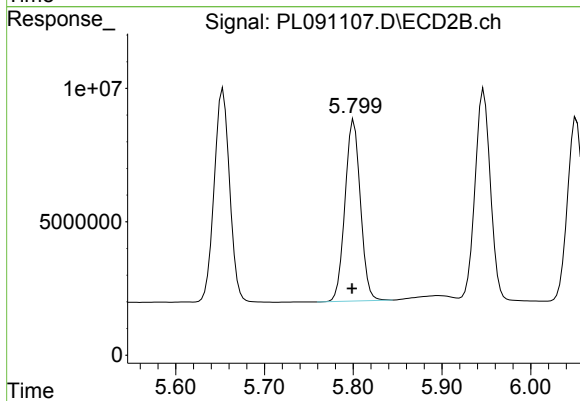
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: 0.002 min
Response: 94662364
Conc: 48.93 ng/ml



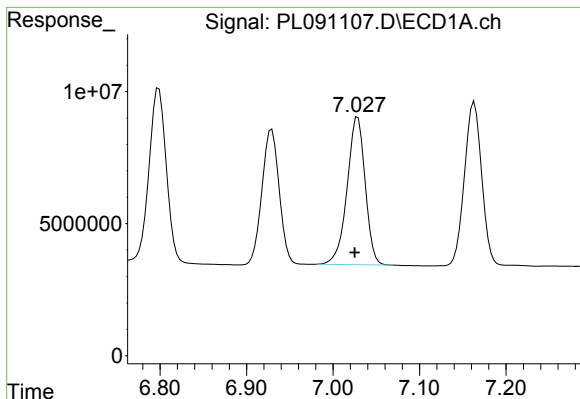
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.003 min
Response: 76944450
Conc: 50.91 ng/ml



#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.002 min
Response: 81927049
Conc: 49.63 ng/ml



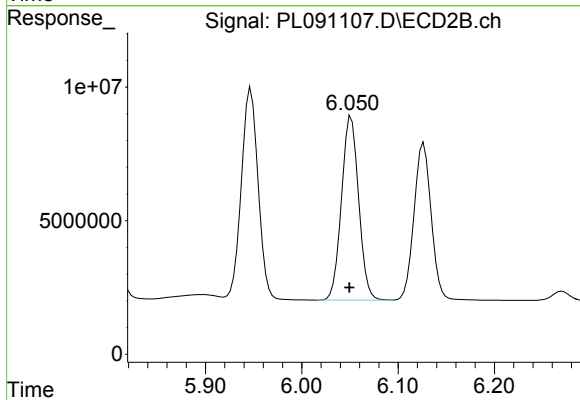
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.003 min
Response: 80947136
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

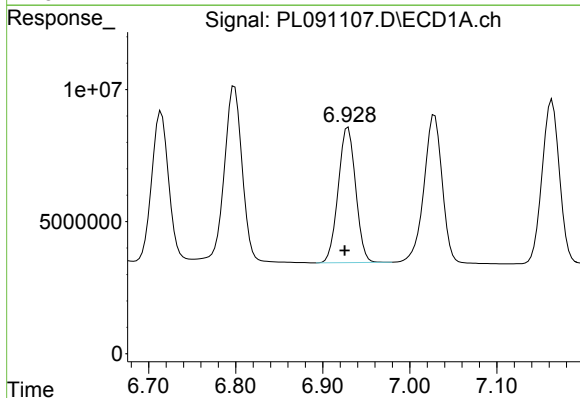
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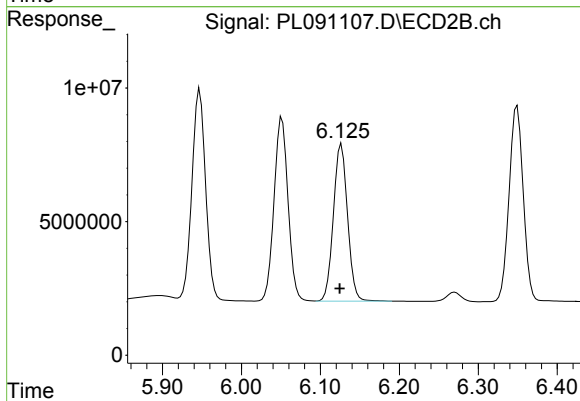
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: 0.002 min
Response: 84976687
Conc: 47.84 ng/ml



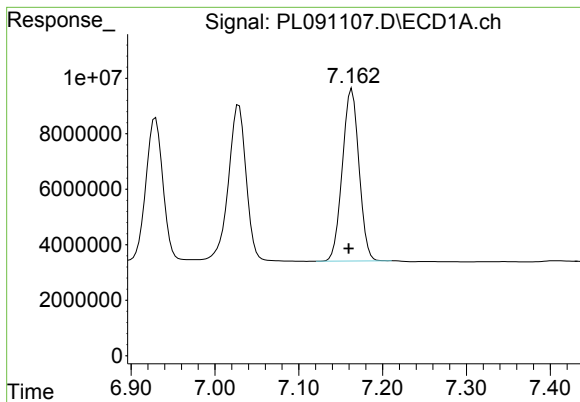
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.004 min
Response: 71270903
Conc: 44.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.127 min
Delta R.T.: 0.002 min
Response: 73237379
Conc: 47.02 ng/ml



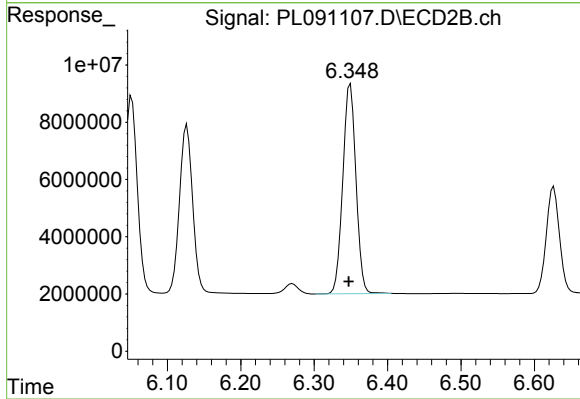
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.004 min
Response: 85617385
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

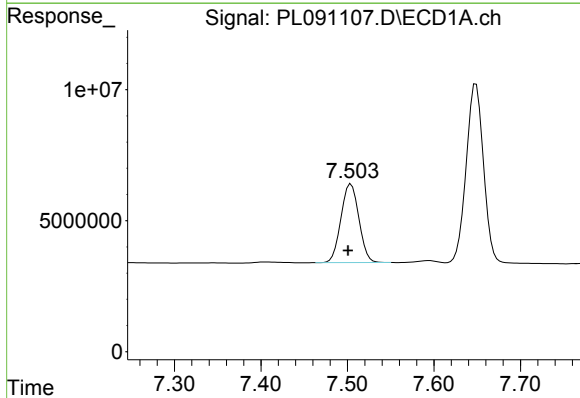
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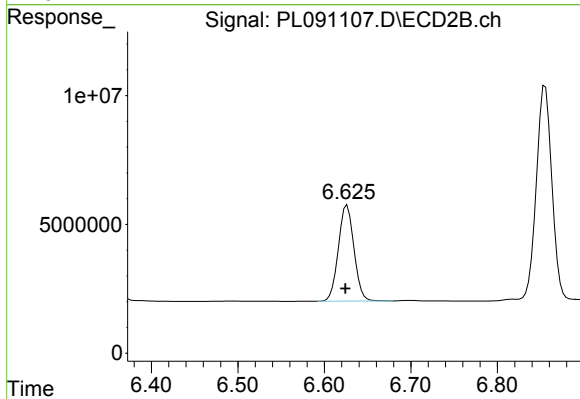
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: 0.002 min
Response: 91311653
Conc: 47.36 ng/ml



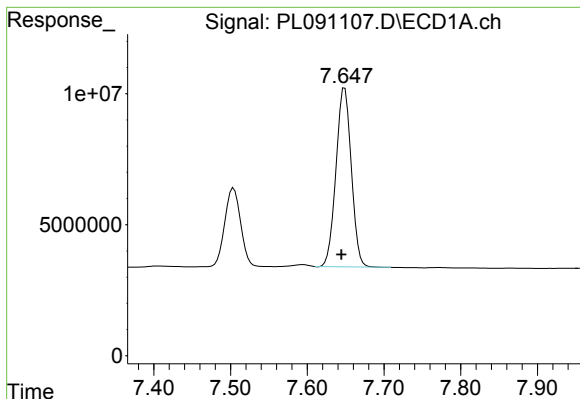
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 43112985
Conc: 45.85 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 46486806
Conc: 46.82 ng/ml



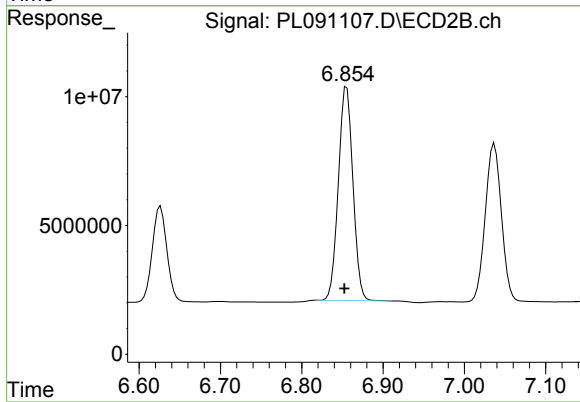
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 94688059
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

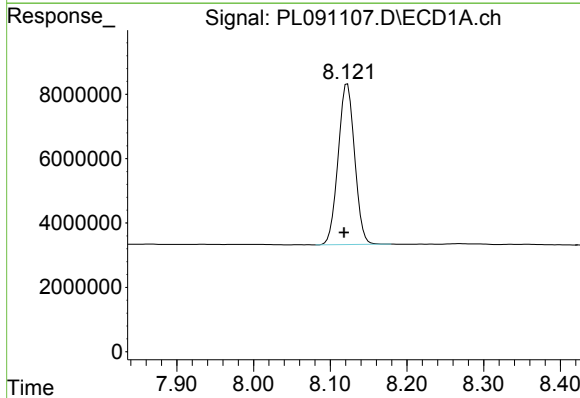
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



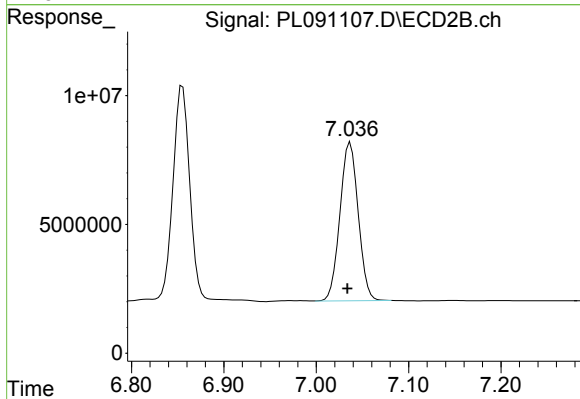
#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: 0.003 min
Response: 103299182
Conc: 47.43 ng/ml



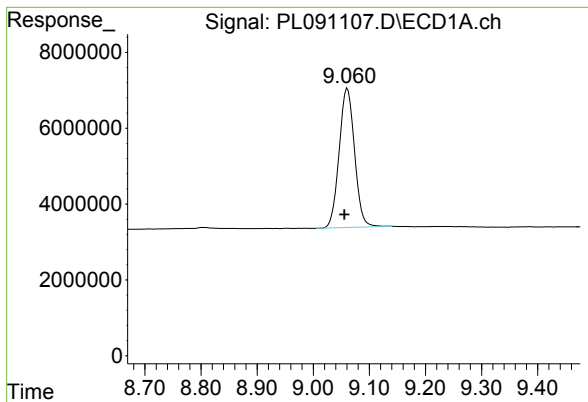
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.004 min
Response: 74548394
Conc: 43.82 ng/ml



#22 Mirex

R.T.: 7.037 min
Delta R.T.: 0.003 min
Response: 84612654
Conc: 45.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.006 min
Response: 70001470
Conc: 45.92 ng/ml

Instrument :

ECD_L

ClientSampleId :

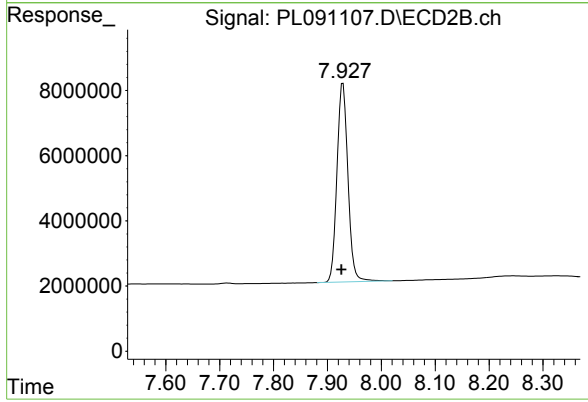
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 86377202
Conc: 45.60 ng/ml