

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
 Data File : PL090593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2024 09:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/22/2024
 Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 22:01:35 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...	3.547	2.789	102.3E6	85192508	49.128	50.620
28) SA Decachlor...	9.062	7.934	66917117	71808747	50.357	49.248
Target Compounds						
2) A alpha-BHC	4.003	3.293	144.1E6	126.1E6	48.558	52.188
3) MA gamma-BHC...	4.335	3.624	136.7E6	119.6E6	48.801	51.859
4) MA Heptachlor	4.923	3.964	123.1E6	113.9E6	48.385m	51.629
5) MB Aldrin	5.265	4.244	119.5E6	108.8E6	47.833m	51.117m
6) B beta-BHC	4.531	3.922	61399825	51748084	48.403	50.134
7) B delta-BHC	4.779	4.151	130.3E6	115.0E6	48.590	52.300m
8) B Heptachlo...	5.691	4.748	116.6E6	99010855	49.592m	50.765
9) A Endosulfan I	6.076	5.118	102.1E6	90375660	47.721m	49.419
10) B gamma-Chl...	5.946	4.998	110.1E6	103.5E6	47.358m	51.040
11) B alpha-Chl...	6.026	5.061	109.5E6	102.8E6	47.700m	50.885
12) B 4,4'-DDE	6.198	5.249	97179031	92460612	48.060m	51.737m
13) MA Dieldrin	6.352	5.382	107.1E6	100.2E6	48.212	51.085
14) MA Endrin	6.580	5.657	89390519	89139385	48.623m	51.792
15) B Endosulfa...	6.799	5.952	91335981	86681566	46.437m	50.739
16) A 4,4'-DDD	6.715	5.805	81006317	77387981	47.984m	51.652
17) MA 4,4'-DDT	7.030	6.056	83529323	78666055	49.623	53.691
18) B Endrin al...	6.931	6.131	71158314	66009140	47.963	50.522
19) B Endosulfa...	7.165	6.354	84878057	82029733	48.330	50.871
20) A Methoxychlor	7.505	6.629	42963327	42270436	48.661	52.279m
21) B Endrin ke...	7.650	6.858	94901790	97357861	49.713	53.274m
22) Mirex	8.123	7.042	71351511	74081103	50.381	49.833

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
Data File : PL090593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2024 09:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

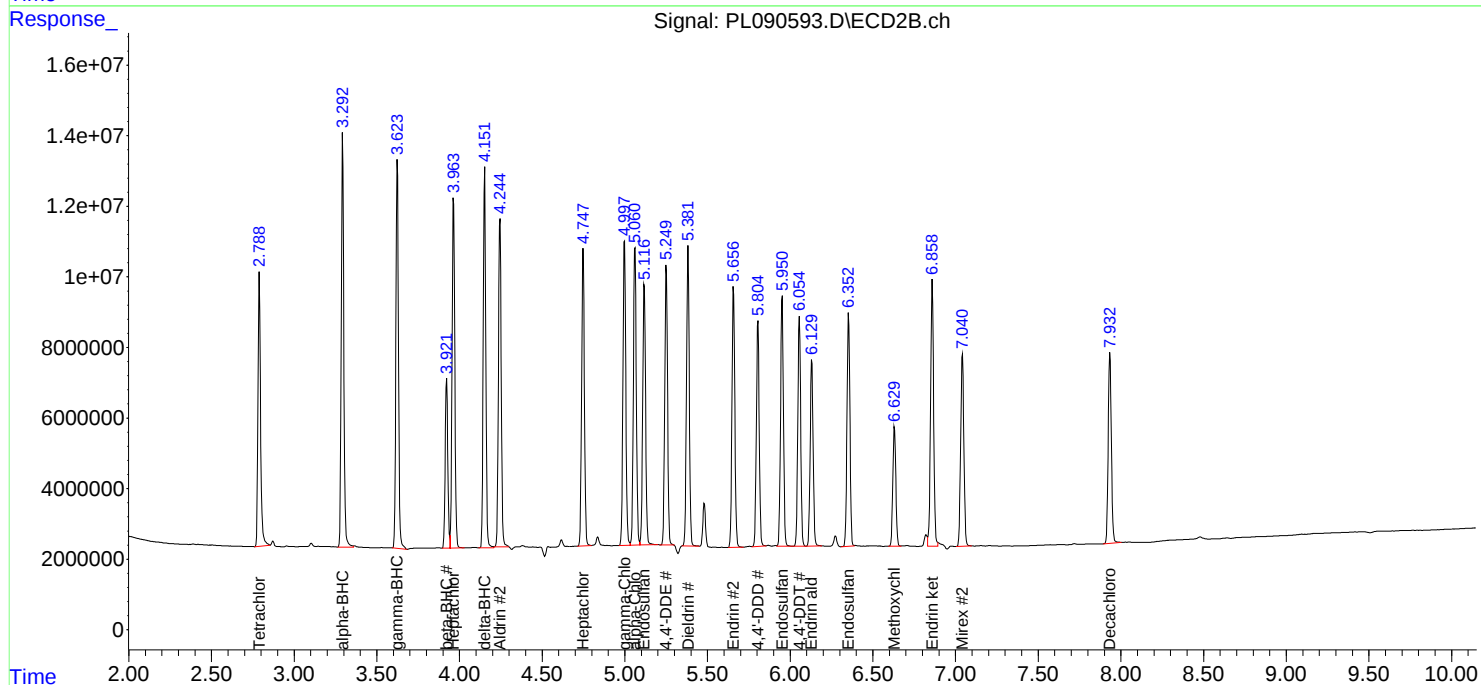
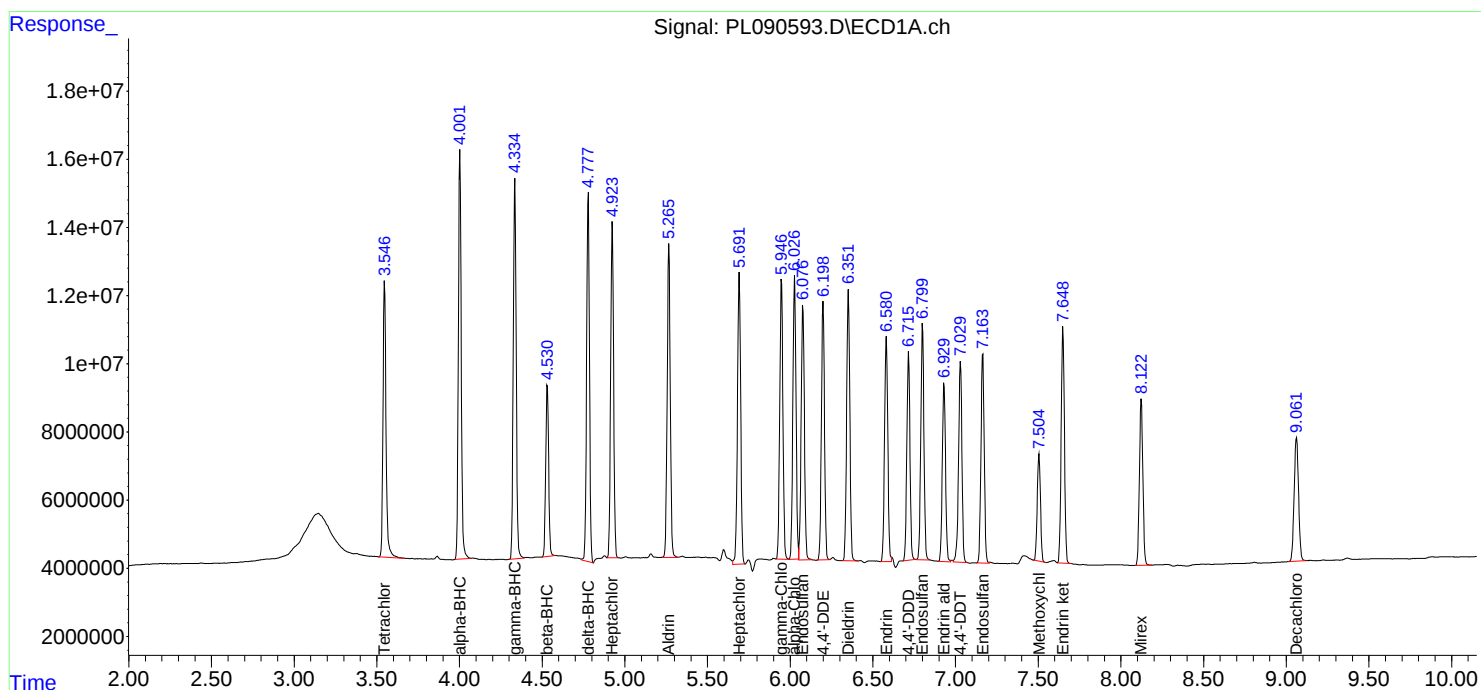
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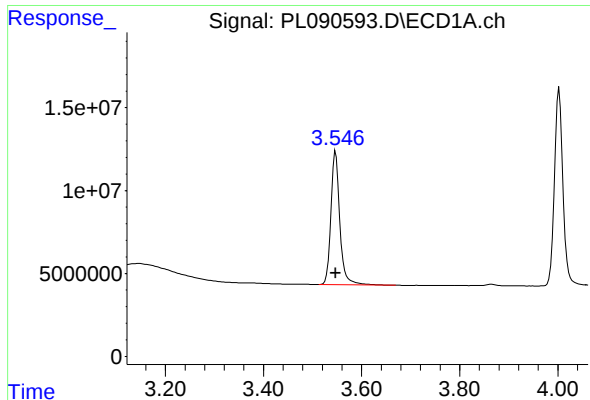
Reviewed By :Abdul Mirza 07/22/2024

Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 22:01:35 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.: 3.547 min
Delta R.T.: 0.000 min
Response: 102293437
Conc: 49.13 ng/ml

Instrument :

ECD_L

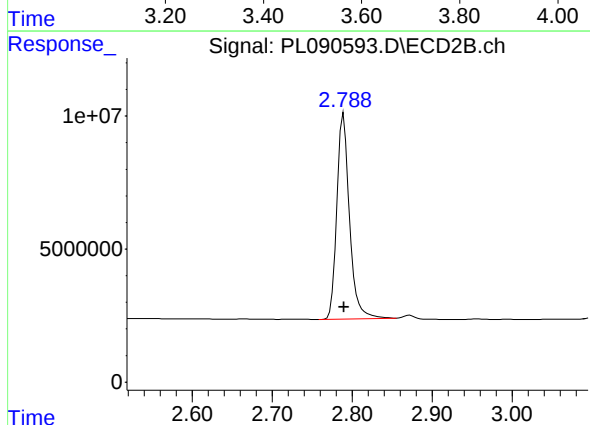
ClientSampleId :

PSTDCCC050

Manual Integrations

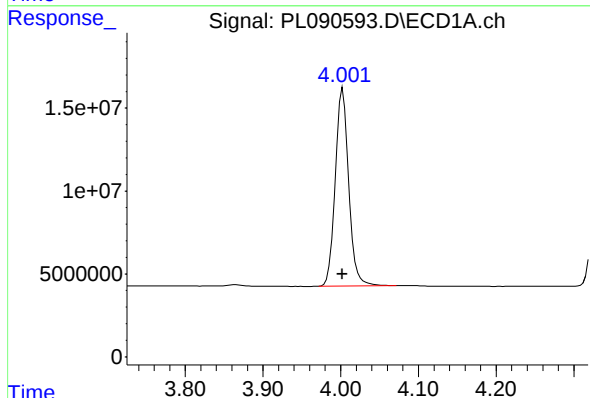
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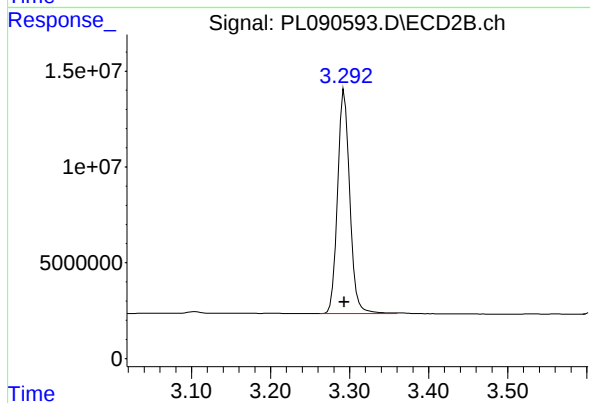
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 85192508
Conc: 50.62 ng/ml



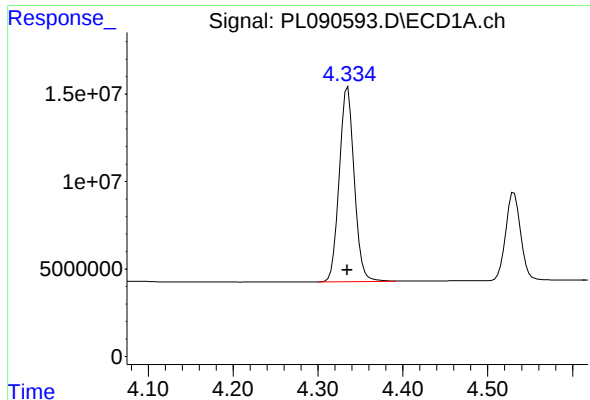
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 144088622
Conc: 48.56 ng/ml



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 126092614
Conc: 52.19 ng/ml



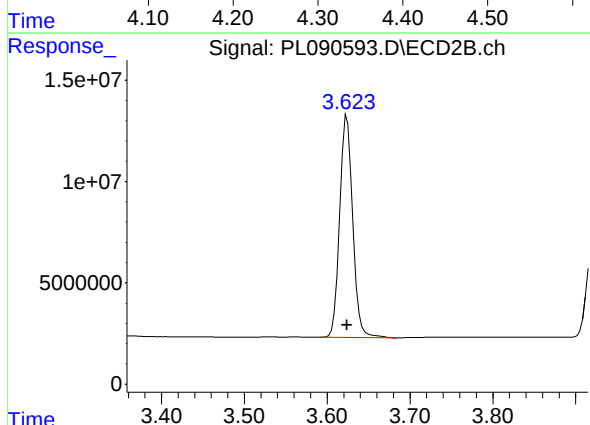
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 136665240
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

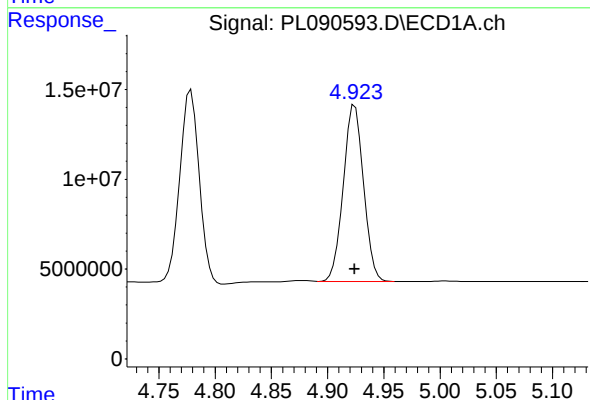
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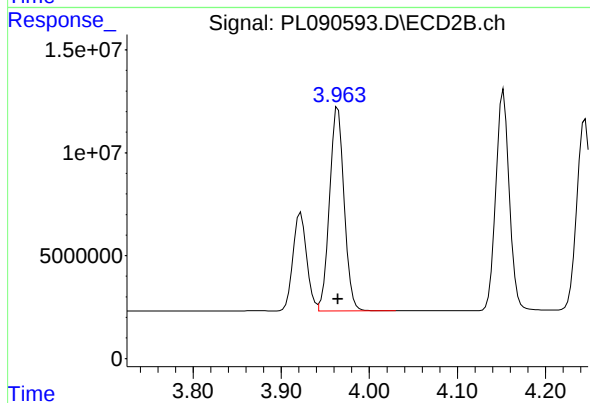
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 119584536
Conc: 51.86 ng/ml



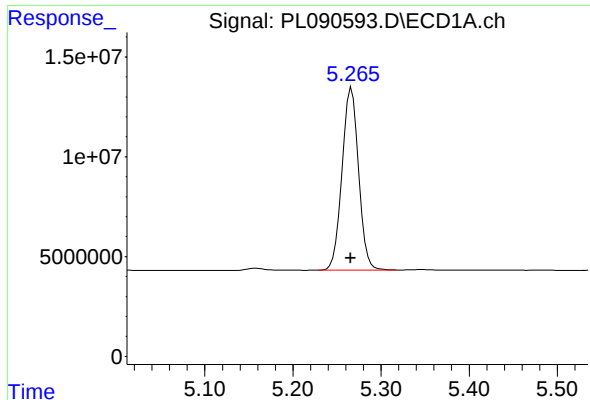
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 123142894
Conc: 48.39 ng/ml m



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 113897003
Conc: 51.63 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 119504918
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#5 Aldrin

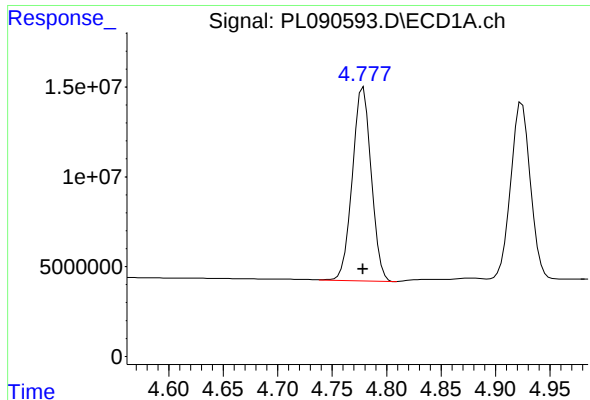
R.T.: 4.244 min
Delta R.T.: -0.001 min
Response: 108750649
Conc: 51.12 ng/ml m

#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 61399825
Conc: 48.40 ng/ml

#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 51748084
Conc: 50.13 ng/ml



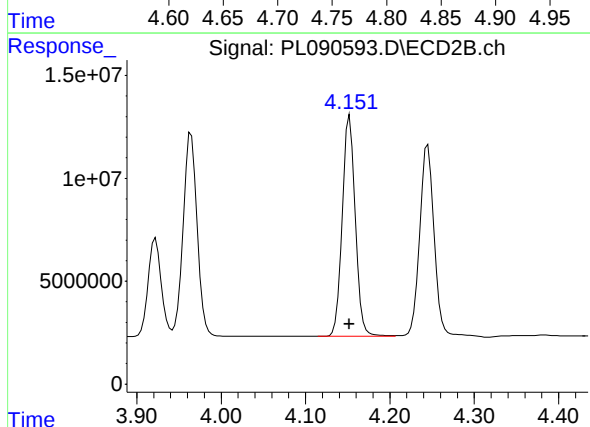
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 130271641
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

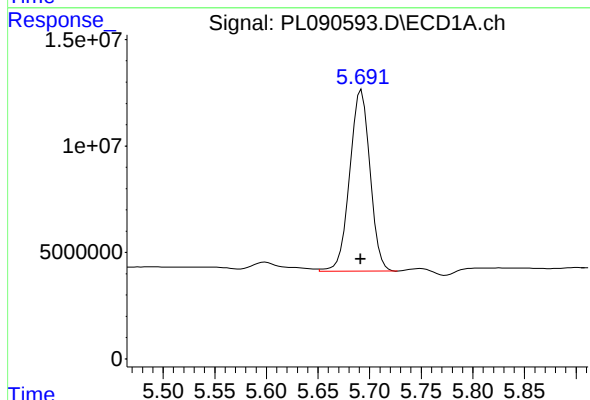
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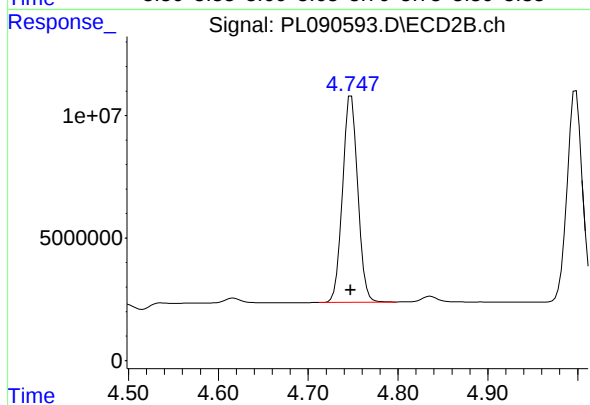
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 115046826
Conc: 52.30 ng/ml m



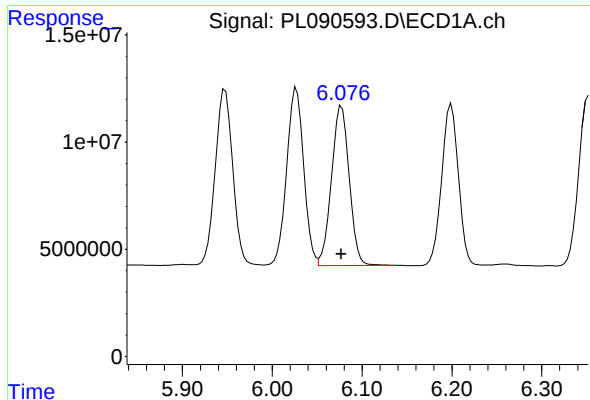
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 116561261
Conc: 49.59 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 99010855
Conc: 50.76 ng/ml



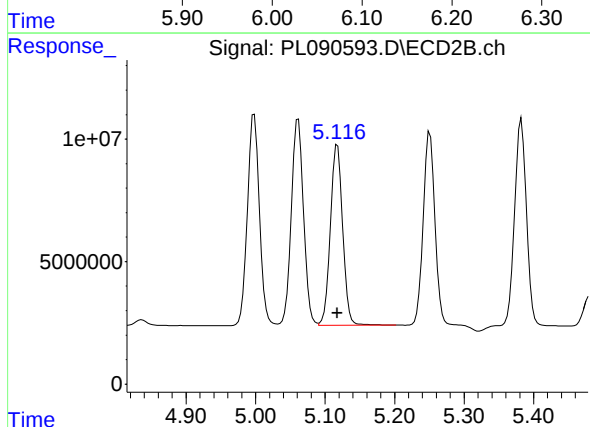
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 102060832
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

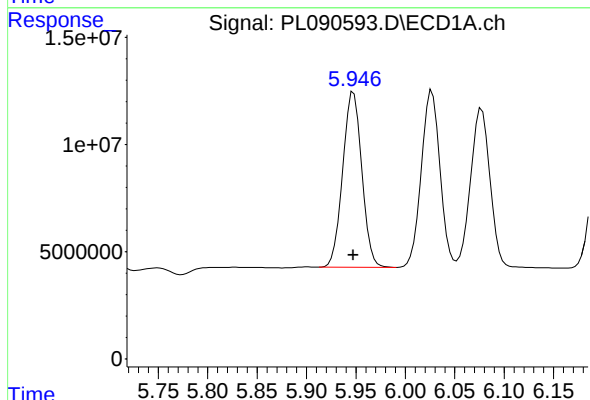
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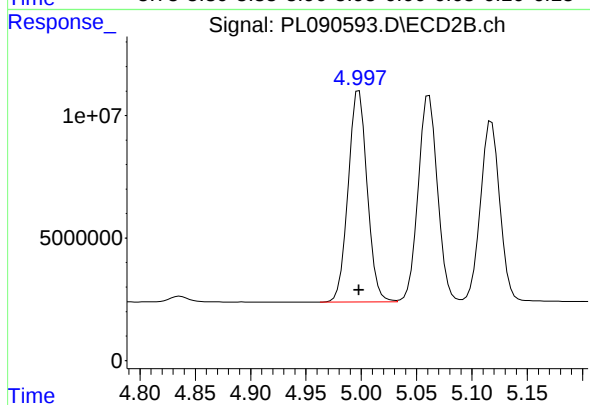
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 90375660
Conc: 49.42 ng/ml



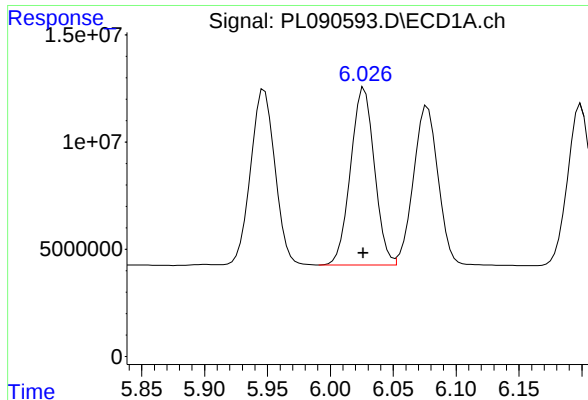
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 110109248
Conc: 47.36 ng/ml m



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 103480076
Conc: 51.04 ng/ml



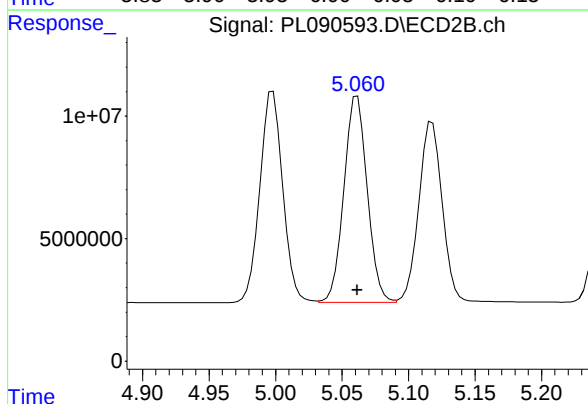
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 109504477
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

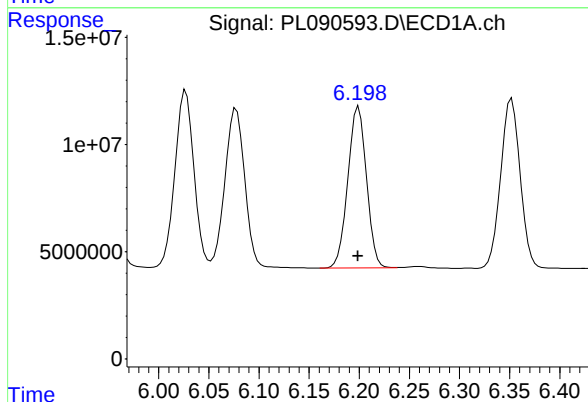
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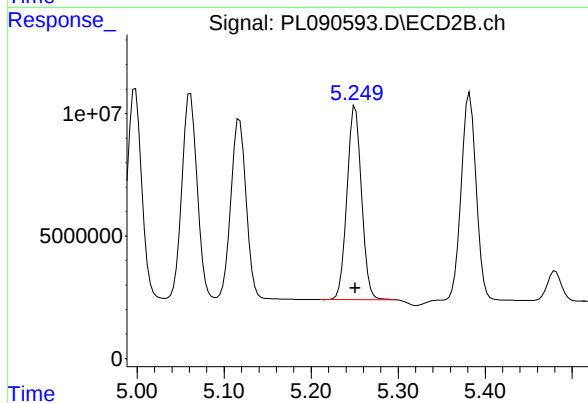
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 102819447
Conc: 50.89 ng/ml



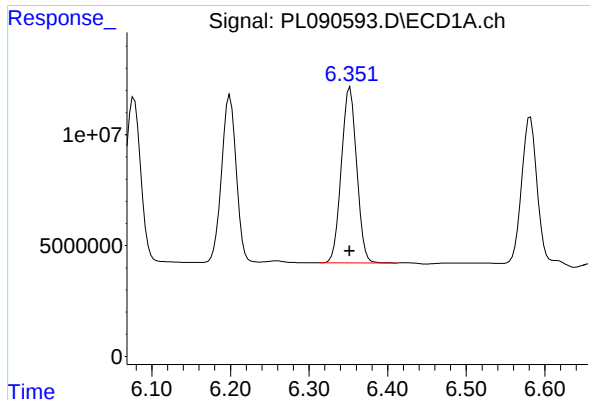
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 97179031
Conc: 48.06 ng/ml m



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 92460612
Conc: 51.74 ng/ml m



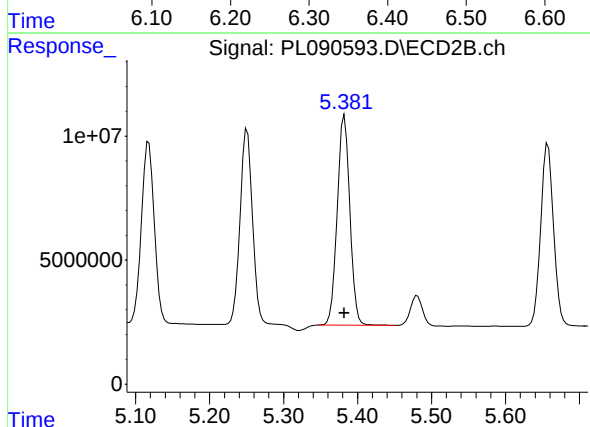
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 107117052
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

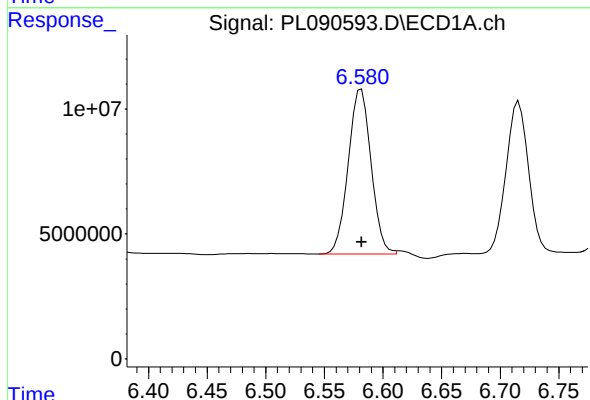
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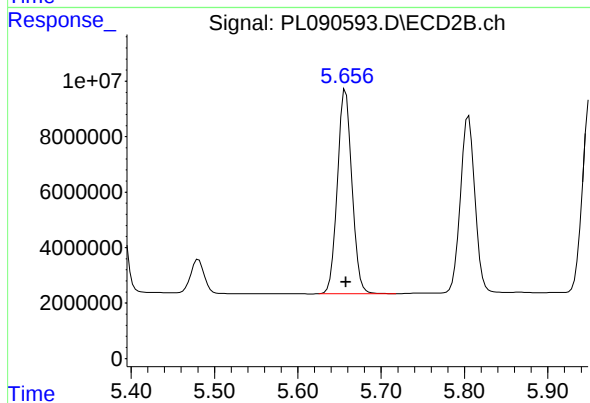
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 100173914
Conc: 51.09 ng/ml



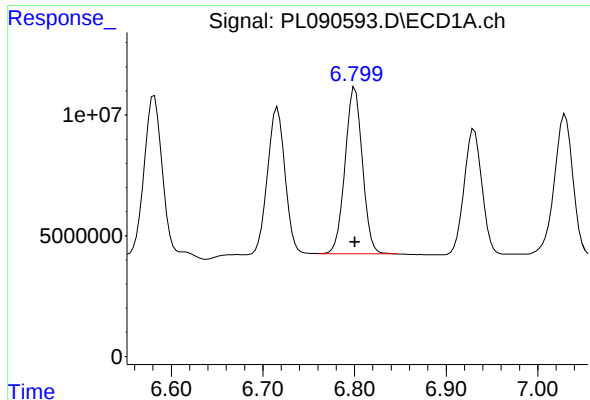
#14 Endrin

R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 89390519
Conc: 48.62 ng/ml m



#14 Endrin

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 89139385
Conc: 51.79 ng/ml



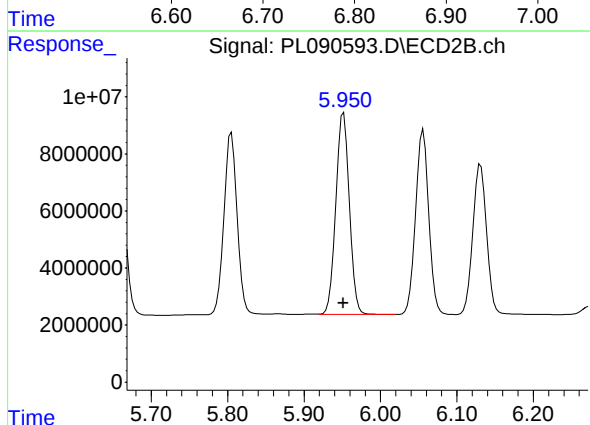
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: -0.001 min
Response: 91335981
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

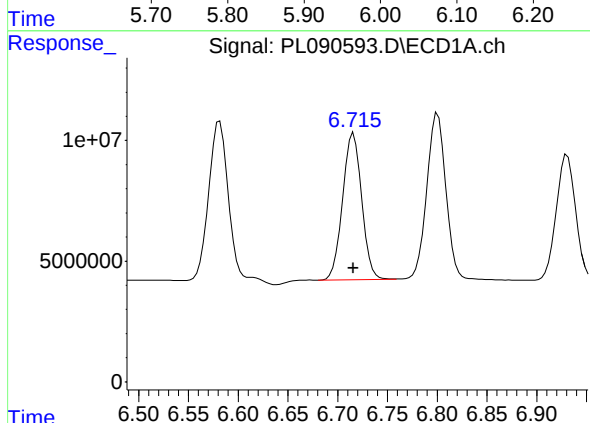
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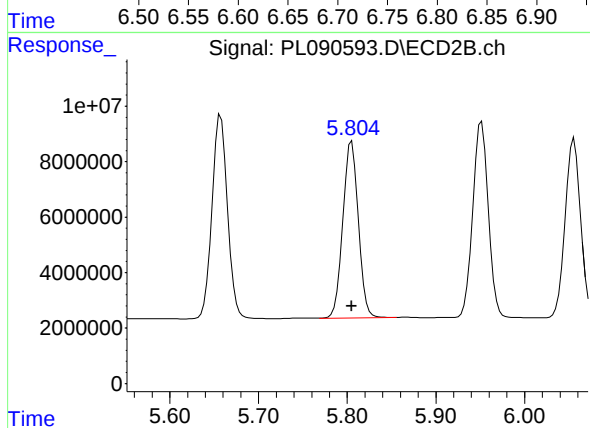
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 86681566
Conc: 50.74 ng/ml



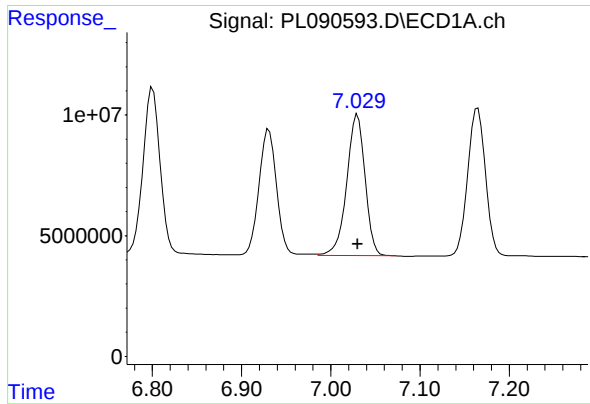
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 81006317
Conc: 47.98 ng/ml m



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 77387981
Conc: 51.65 ng/ml



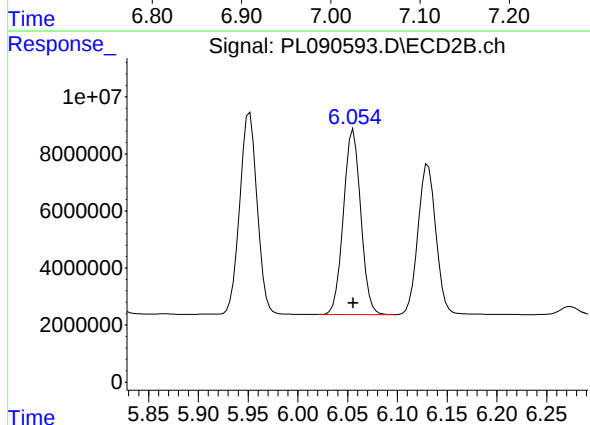
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 83529323
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

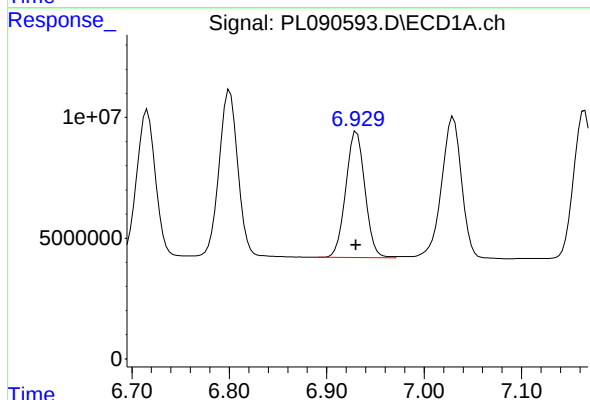
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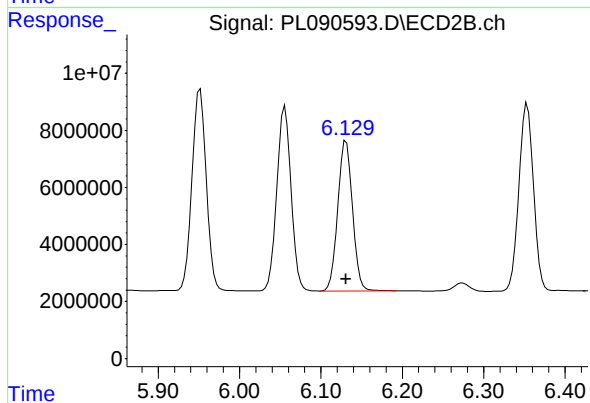
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 78666055
Conc: 53.69 ng/ml



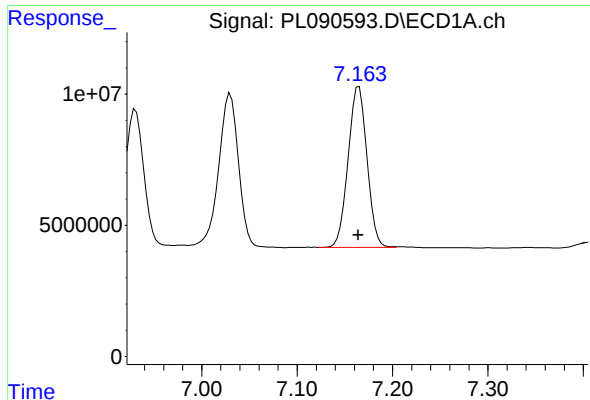
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 71158314
Conc: 47.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 66009140
Conc: 50.52 ng/ml



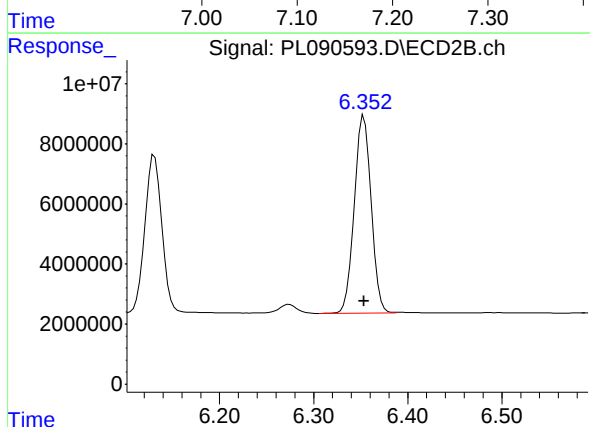
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 84878057
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

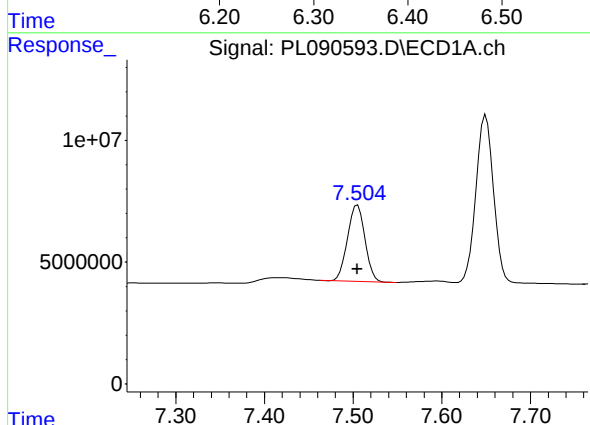
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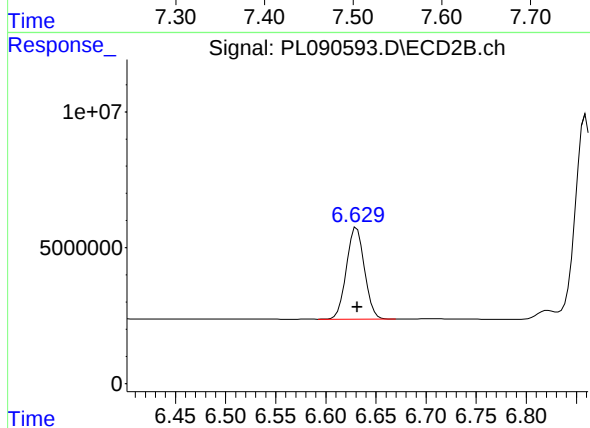
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 82029733
Conc: 50.87 ng/ml



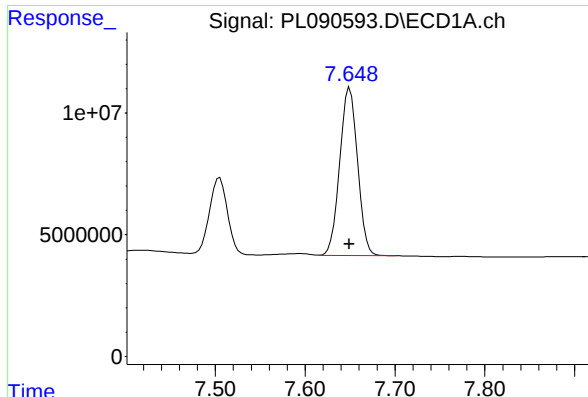
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 42963327
Conc: 48.66 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 42270436
Conc: 52.28 ng/ml m



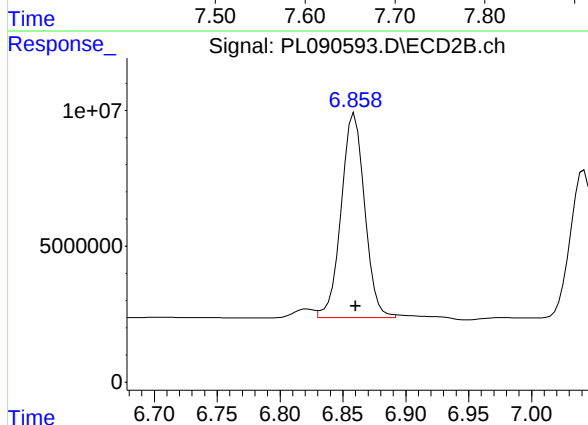
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 94901790
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

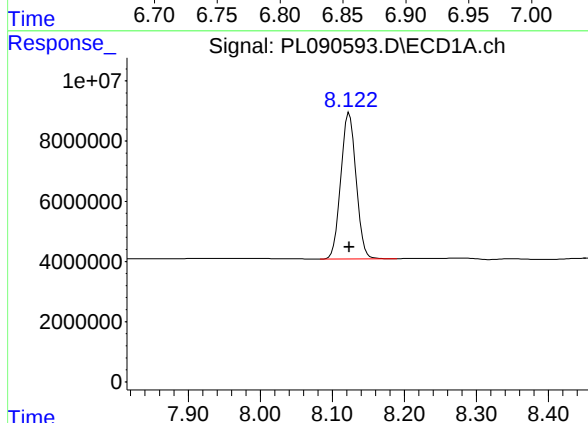
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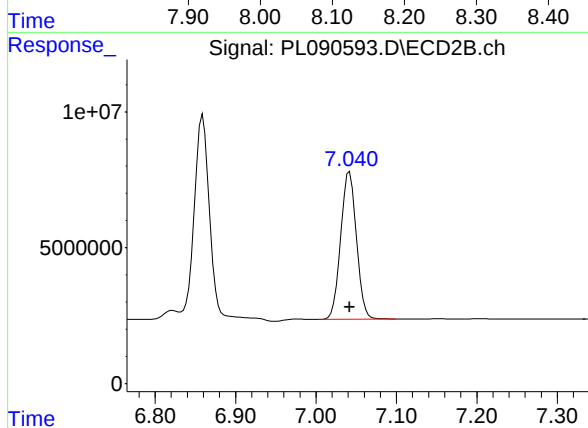
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 97357861
Conc: 53.27 ng/ml m



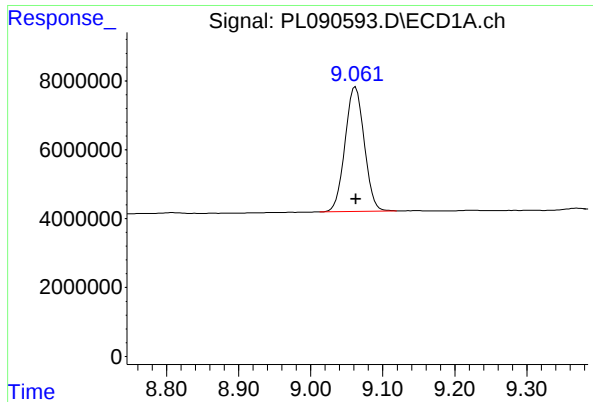
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 71351511
Conc: 50.38 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 74081103
Conc: 49.83 ng/ml



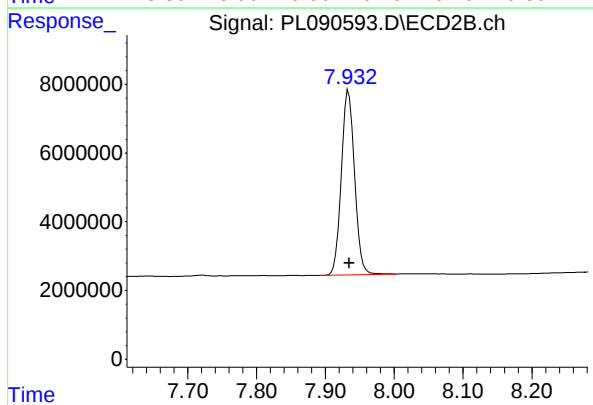
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 66917117
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2024
Supervised By :Ankita Jodhani 07/22/2024



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: -0.001 min
Response: 71808747
Conc: 49.25 ng/ml