

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 14:52
 Operator : AR\AJ
 Sample : PB160545BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB160545BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/30/2024
 Supervised By : mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 21:47:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.550	2.796	37241162	23357489	18.494	18.205
28)	SA Decachlor...	9.062	7.947	25850920	25555767	18.478	18.998
Target Compounds							
2)	A alpha-BHC	4.006	3.302	122.9E6	87355432	43.100	46.296
3)	MA gamma-BHC...	4.338	3.632	115.9E6	83258787	41.640	45.120
4)	MA Heptachlor	4.928	3.975	105.8E6	80940351	42.662	46.191
5)	MB Aldrin	5.270	4.256	104.6E6	78959301	40.737	44.665
6)	B beta-BHC	4.531	3.929	53647870	37184712	42.525m	45.544
7)	B delta-BHC	4.780	4.161	108.6E6	79390207	40.960	44.125
8)	B Heptachlo...	5.695	4.758	98062408	73328126	41.809	45.355
9)	A Endosulfan I	6.080	5.129	92465910	69646873	43.012	46.503
10)	B gamma-Chl...	5.951	5.009	98686622	76669967	43.172	46.723
11)	B alpha-Chl...	6.030	5.073	97869789	76566695	43.025	46.427
12)	B 4,4'-DDE	6.201	5.262	87510301	68181775	43.250	46.893
13)	MA Dieldrin	6.355	5.394	96309520	74603953	43.025	46.375
14)	MA Endrin	6.584	5.669	80116847	66320824	42.293	46.131
15)	B Endosulfa...	6.802	5.962	84997078	66379798	42.588	46.151
16)	A 4,4'-DDD	6.717	5.816	75159173	59817999	44.552	48.505
17)	MA 4,4'-DDT	7.031	6.068	79114990	60657074	43.021	44.832
18)	B Endrin al...	6.932	6.142	63856789	49076080	42.225	44.121
19)	B Endosulfa...	7.166	6.364	78103472	63750488	43.178	45.957
20)	A Methoxychlor	7.505	6.643	40931694	34376457	41.623	42.993
21)	B Endrin ke...	7.650	6.871	87715642	75405810	43.822	47.158
22)	Mirex	8.125	7.054	68368163	61749797	43.992	45.264

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 14:52
Operator : AR\AJ
Sample : PB160545BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

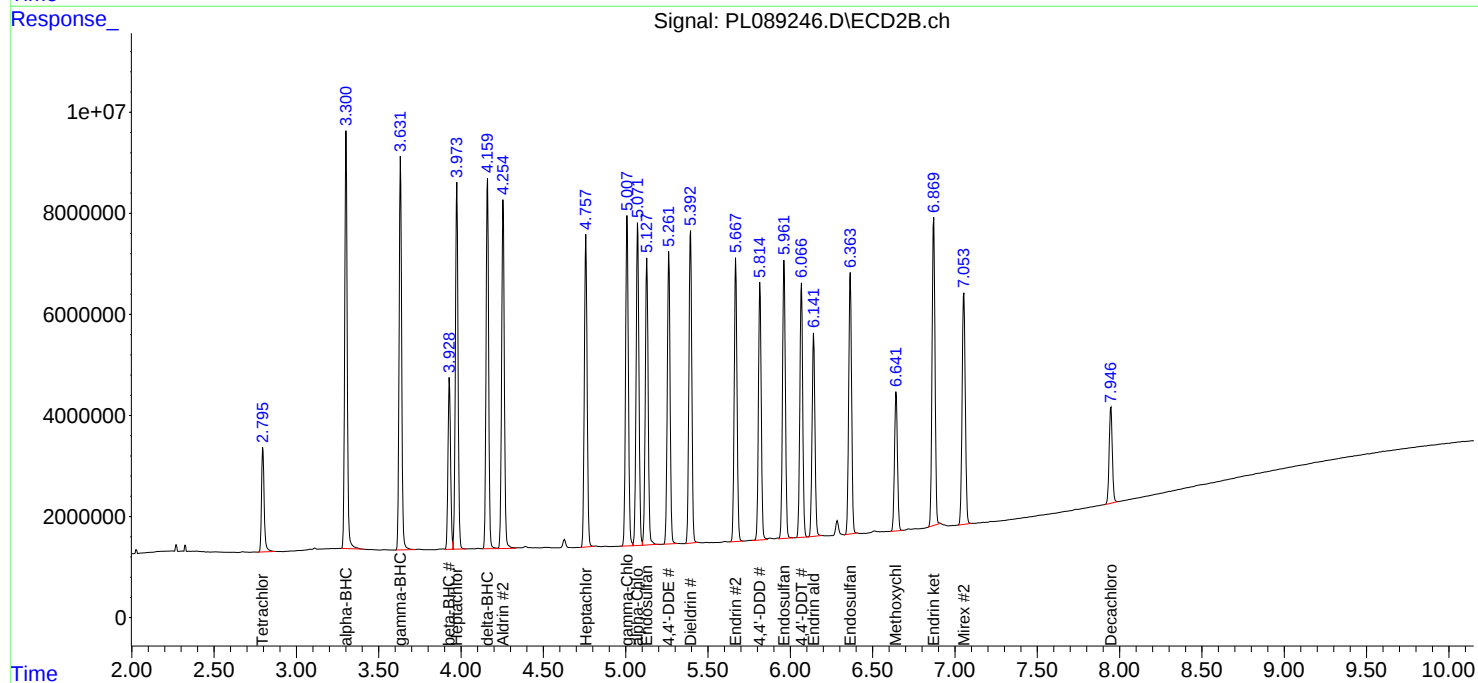
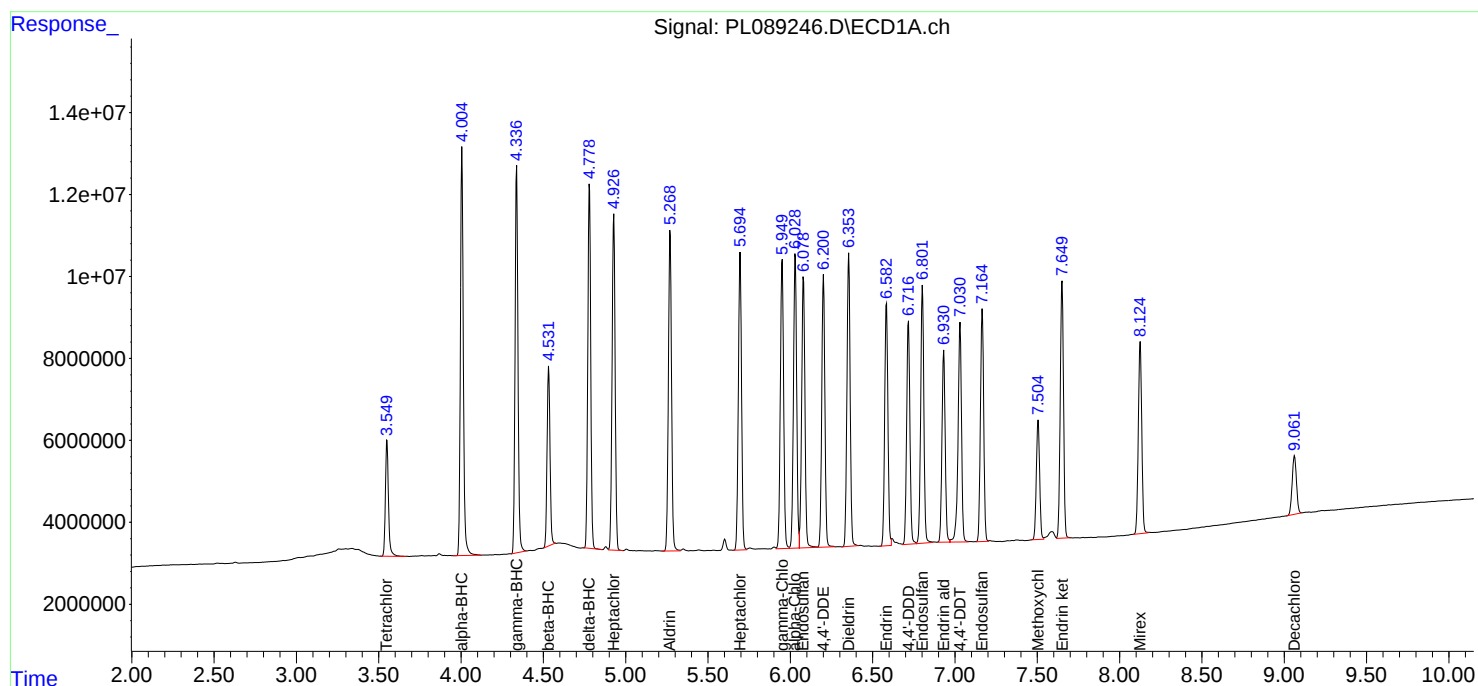
Instrument :
ECD_L
ClientSampleId :
PB160545BS

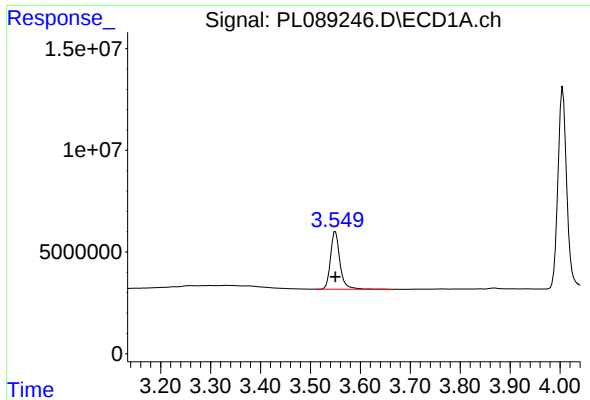
Manual Integrations
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Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:47:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
Response via : Initial Calibration
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





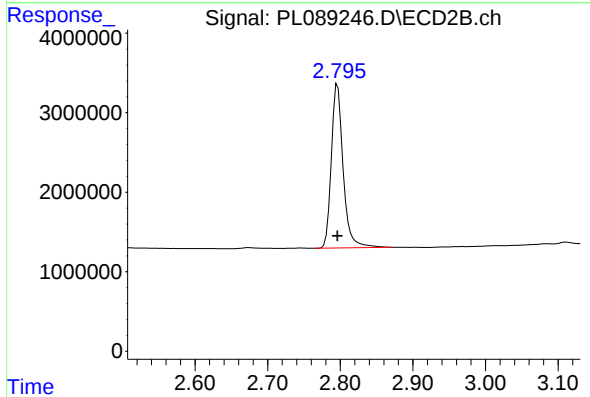
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 37241162
Conc: 18.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

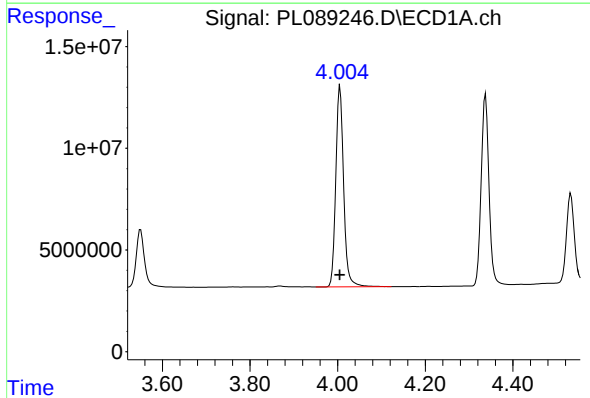
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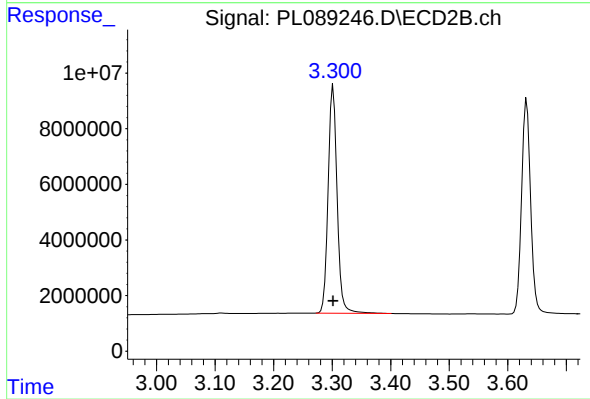
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 23357489
Conc: 18.20 ng/ml



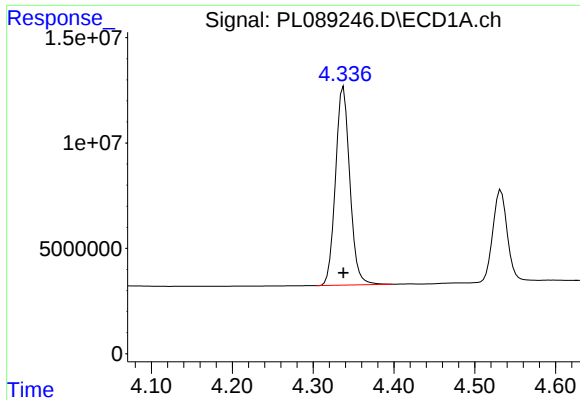
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 122912516
Conc: 43.10 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 87355432
Conc: 46.30 ng/ml



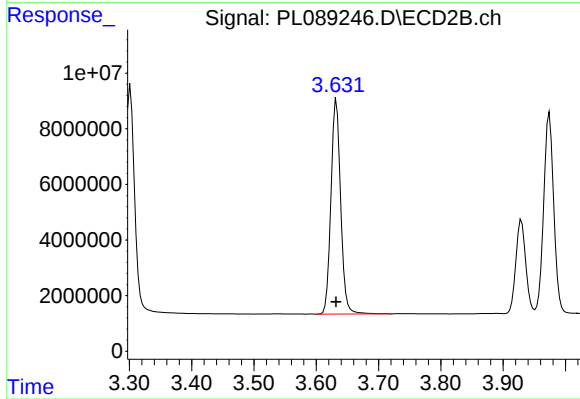
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 115922501
Conc: 41.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

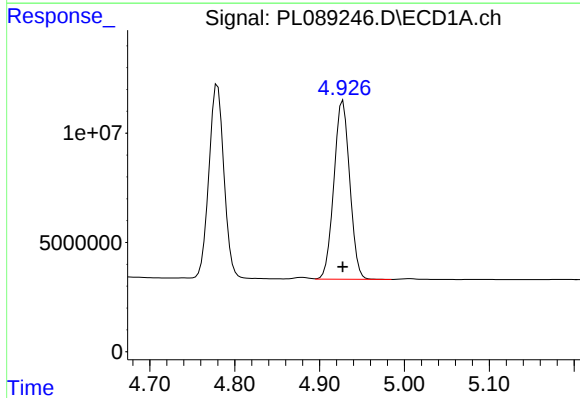
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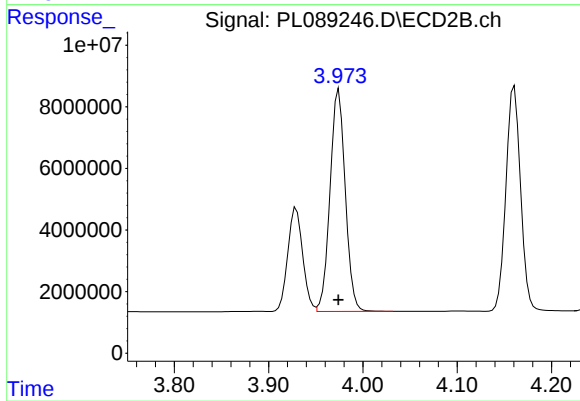
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 83258787
Conc: 45.12 ng/ml



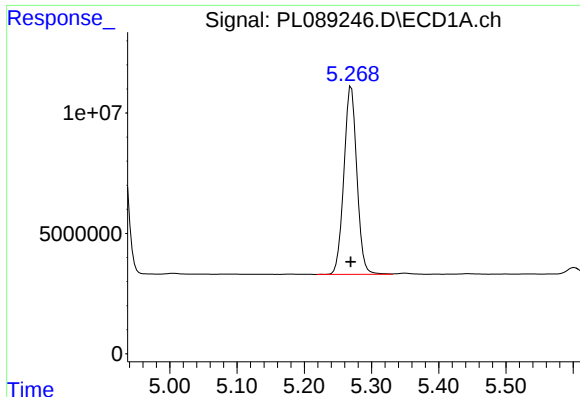
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 105805122
Conc: 42.66 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 80940351
Conc: 46.19 ng/ml



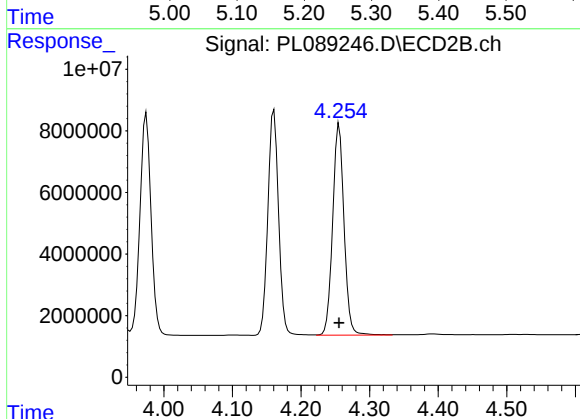
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 104622279
Conc: 40.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

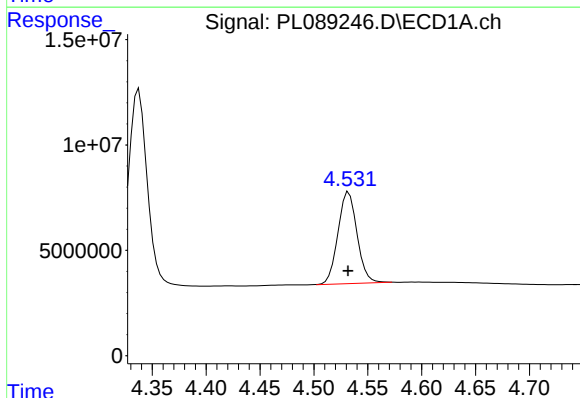
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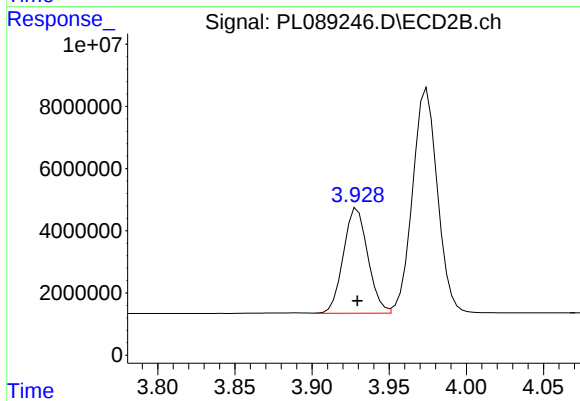
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 78959301
Conc: 44.66 ng/ml



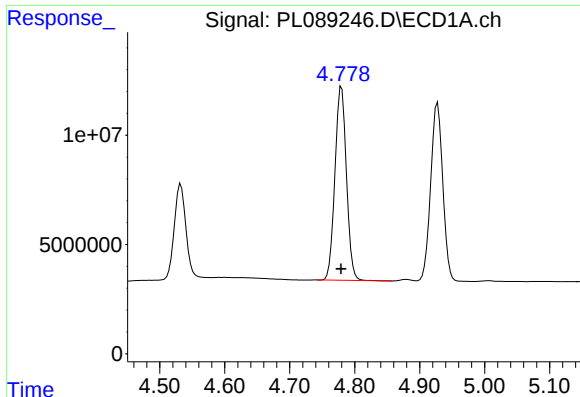
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 53647870
Conc: 42.53 ng/ml m



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 37184712
Conc: 45.54 ng/ml



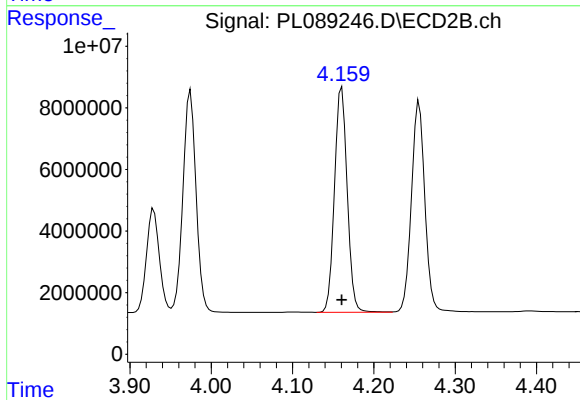
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 108628613
Conc: 40.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

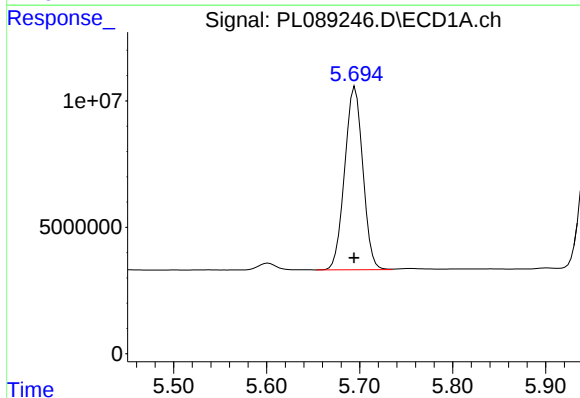
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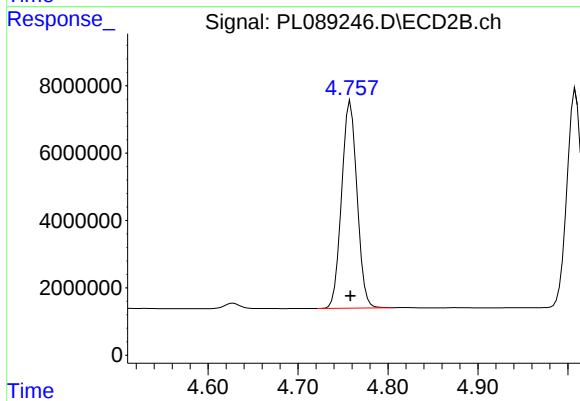
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 79390207
Conc: 44.13 ng/ml



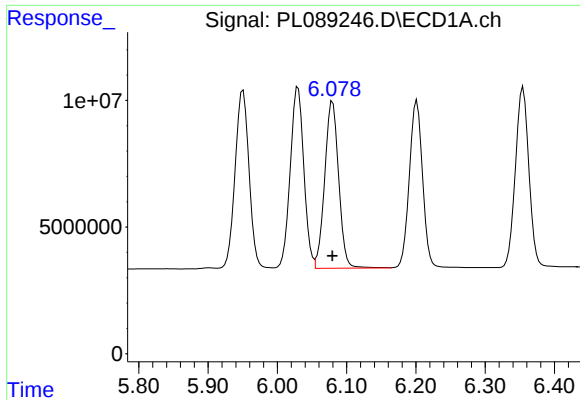
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 98062408
Conc: 41.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 73328126
Conc: 45.35 ng/ml



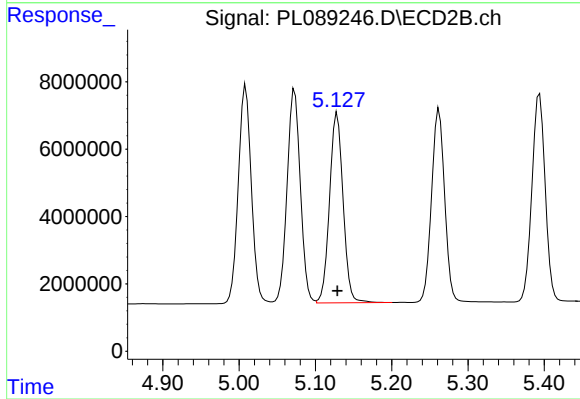
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 92465910
Conc: 43.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

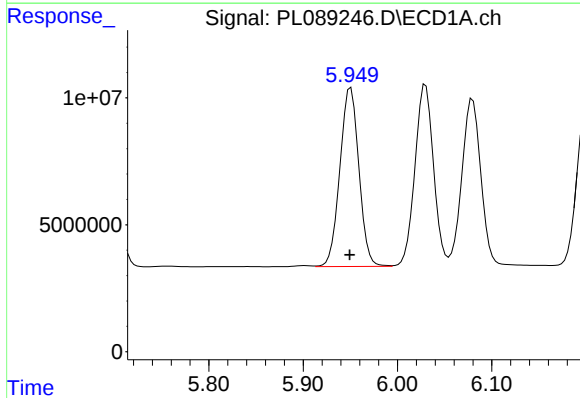
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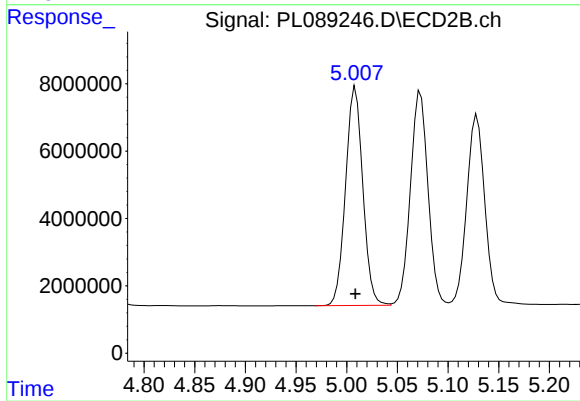
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 69646873
Conc: 46.50 ng/ml



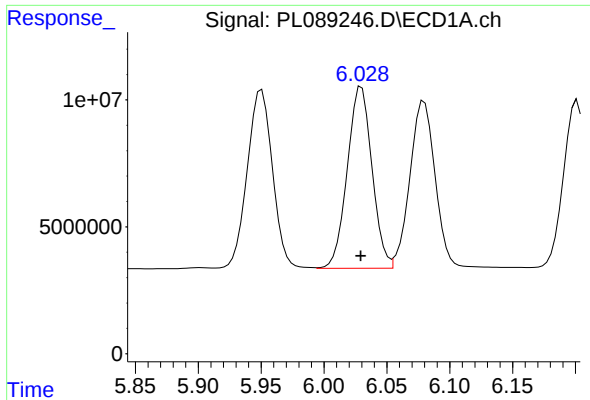
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.001 min
Response: 98686622
Conc: 43.17 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 76669967
Conc: 46.72 ng/ml



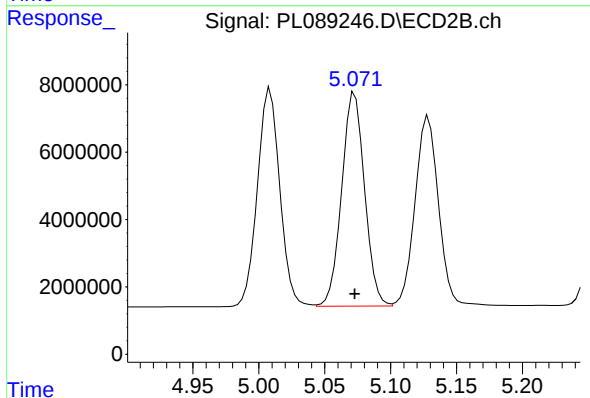
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 97869789
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

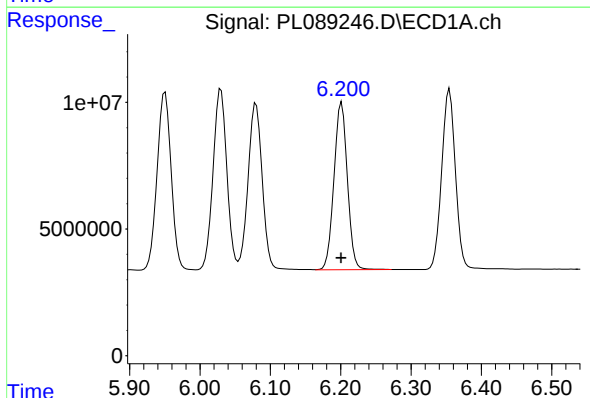
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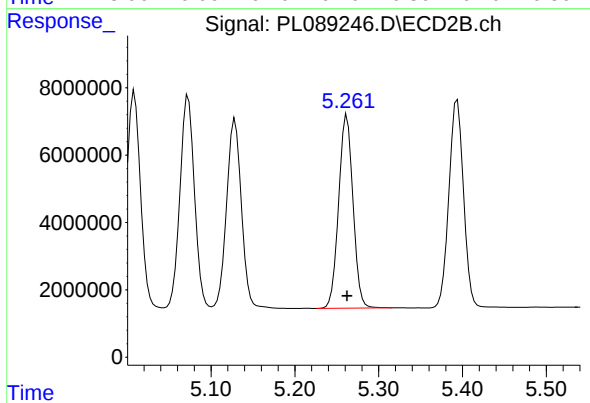
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 76566695
Conc: 46.43 ng/ml



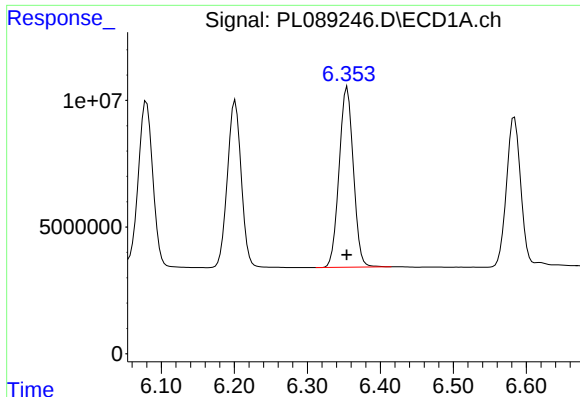
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 87510301
Conc: 43.25 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 68181775
Conc: 46.89 ng/ml



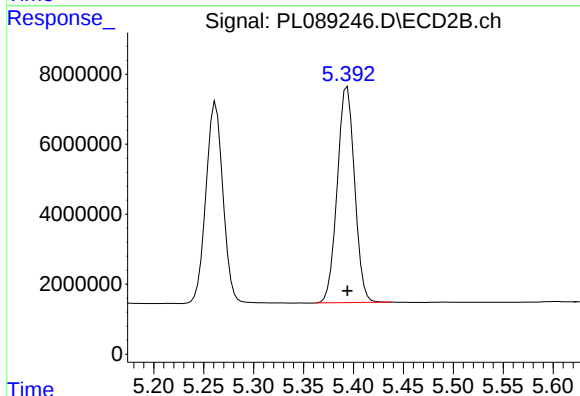
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 96309520
Conc: 43.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

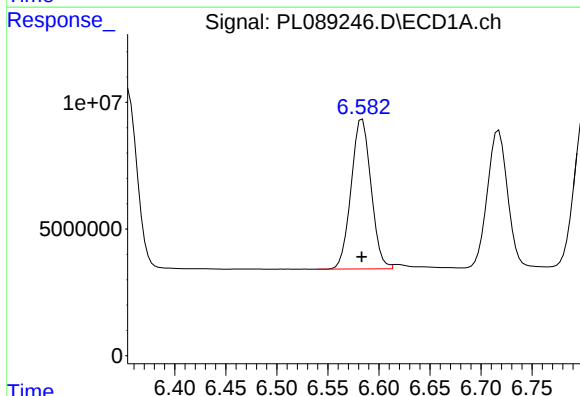
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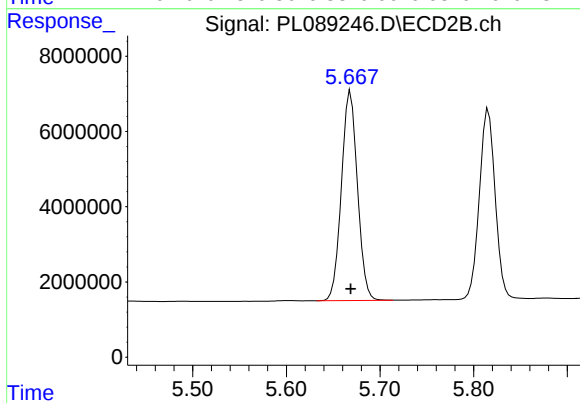
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 74603953
Conc: 46.37 ng/ml



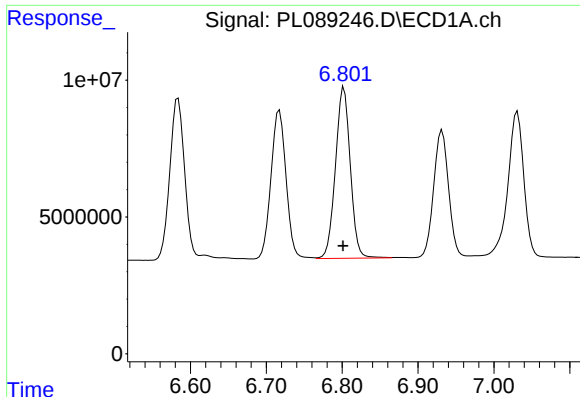
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 80116847
Conc: 42.29 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 66320824
Conc: 46.13 ng/ml



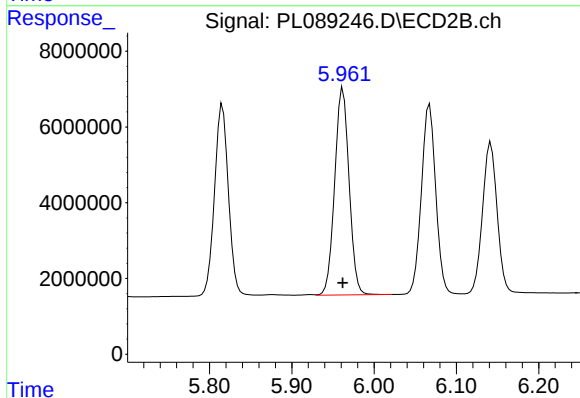
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 84997078
Conc: 42.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

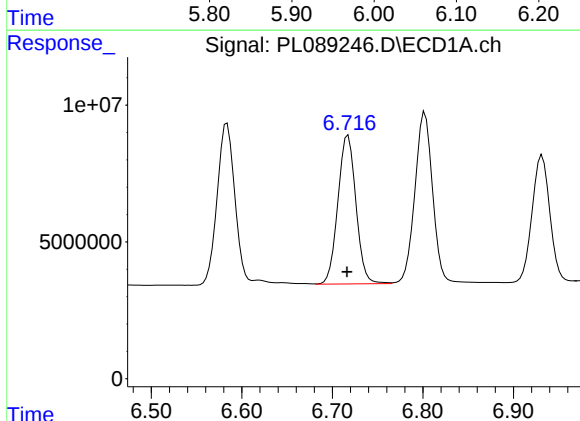
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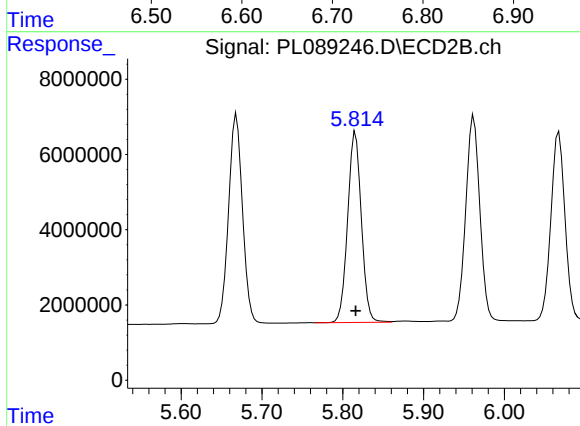
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 66379798
Conc: 46.15 ng/ml



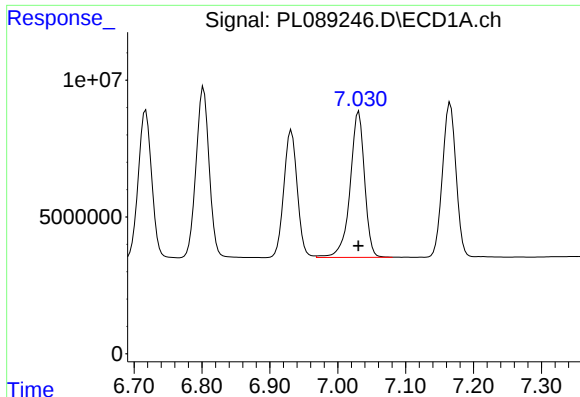
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.001 min
Response: 75159173
Conc: 44.55 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 59817999
Conc: 48.50 ng/ml



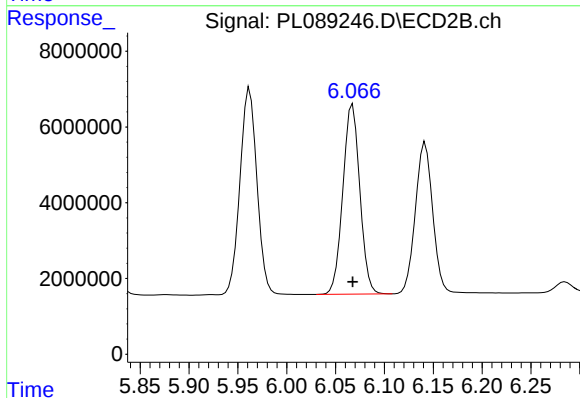
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 79114990
Conc: 43.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

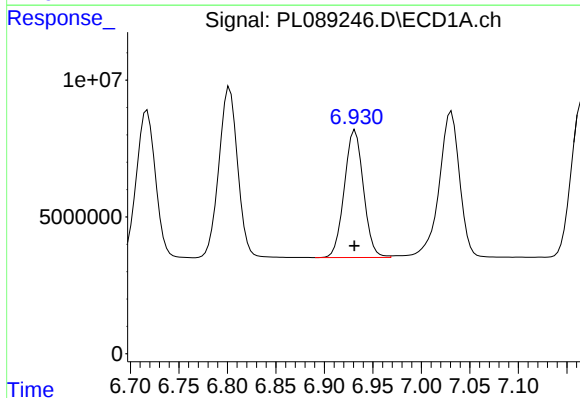
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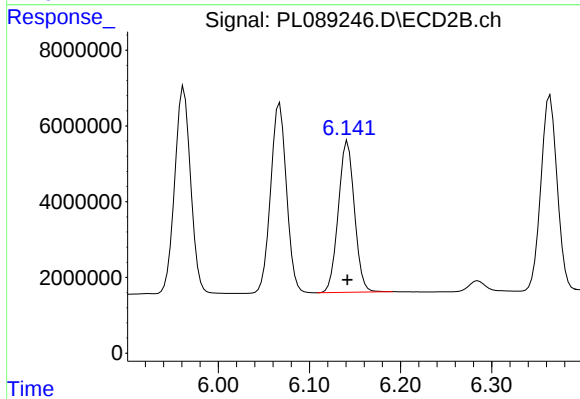
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 60657074
Conc: 44.83 ng/ml



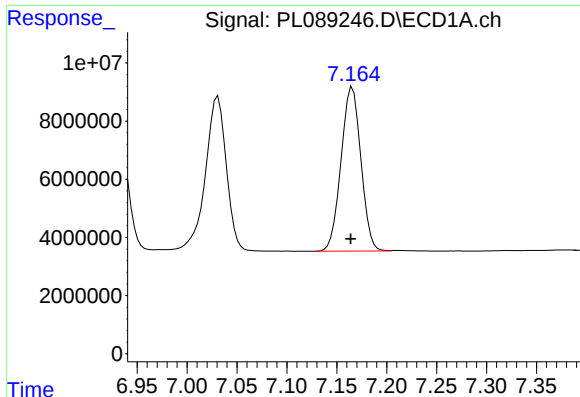
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 63856789
Conc: 42.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 49076080
Conc: 44.12 ng/ml



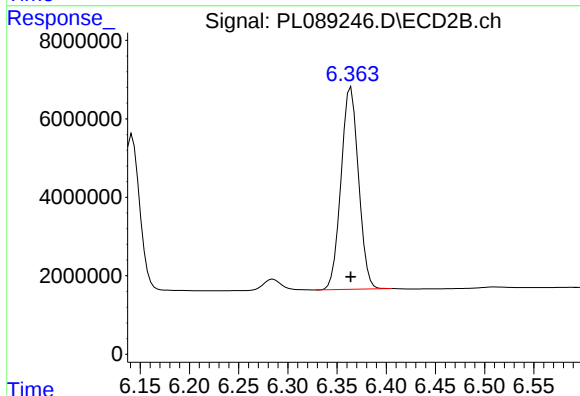
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 78103472
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

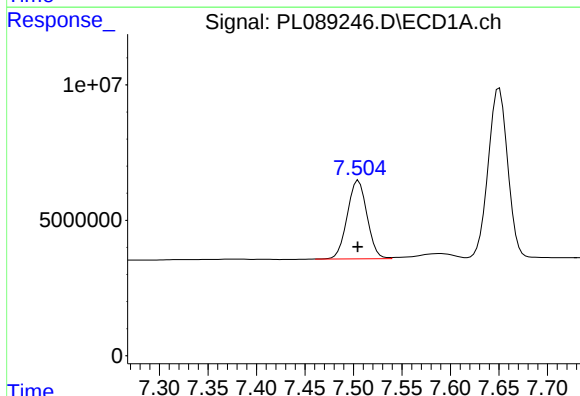
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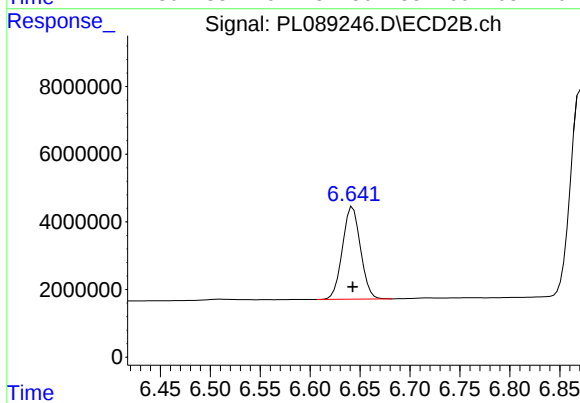
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 63750488
Conc: 45.96 ng/ml



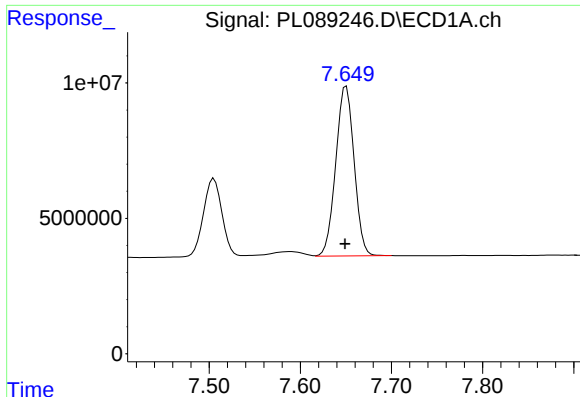
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 40931694
Conc: 41.62 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 34376457
Conc: 42.99 ng/ml



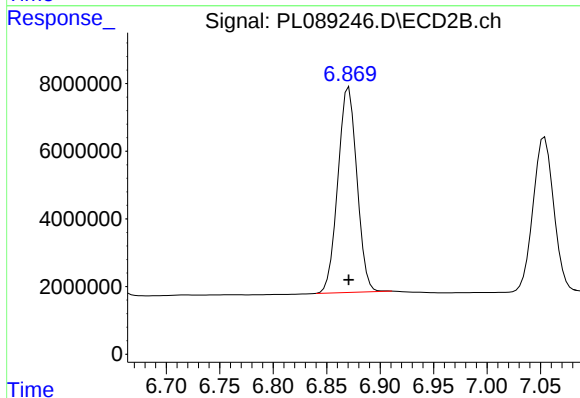
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 87715642
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

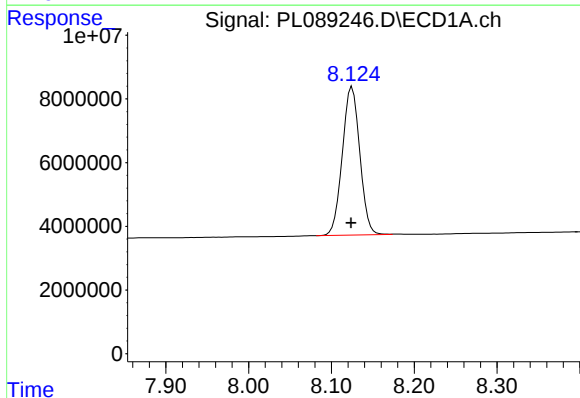
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



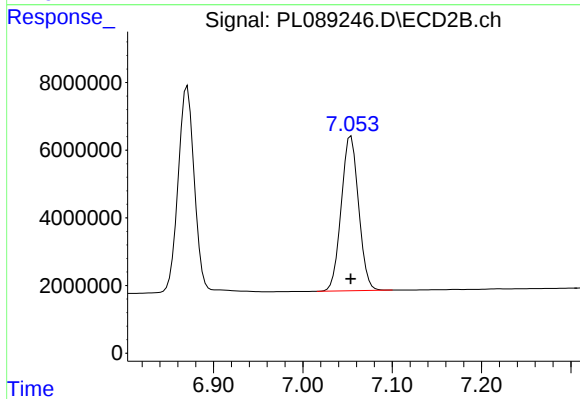
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 75405810
Conc: 47.16 ng/ml



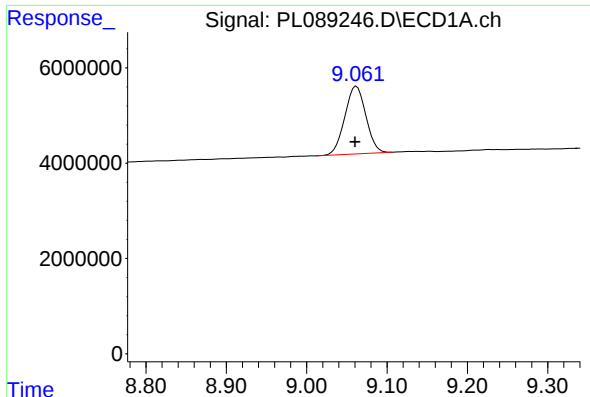
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.001 min
Response: 68368163
Conc: 43.99 ng/ml



#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 61749797
Conc: 45.26 ng/ml



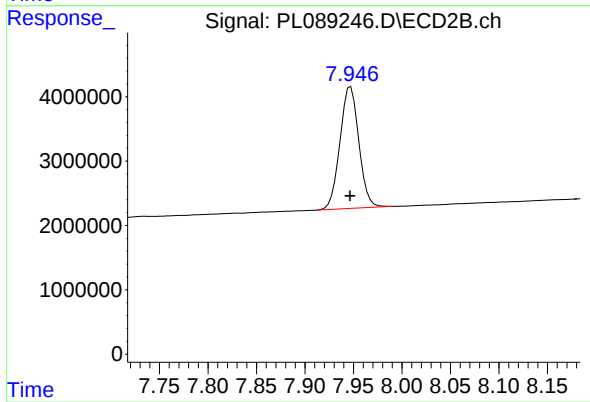
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 25850920
Conc: 18.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB160545BS

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#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 25555767
Conc: 19.00 ng/ml