

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090724\
 Data File : PL091531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2024 14:10
 Operator : AR\AJ
 Sample : PB163159BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163159BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/06/2024
 Supervised By :Ankita Jodhani 09/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 06:43:57 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...	3.544	2.784	38038702	38574879	17.716	19.762
28)	SA Decachlor...	9.058	7.923	32416047	39116240	21.263	20.651
Target Compounds							
2)	A alpha-BHC	4.000	3.287	130.5E6	144.6E6	43.544	52.150
3)	MA gamma-BHC...	4.332	3.617	124.0E6	135.4E6	43.216	51.389
4)	MA Heptachlor	4.921	3.956	115.7E6	128.0E6	43.437	49.563
5)	MB Aldrin	5.262	4.237	112.3E6	123.1E6	43.523	50.044
6)	B beta-BHC	4.529	3.916	59963979	58511201	44.340	49.709
7)	B delta-BHC	4.776	4.146	118.6E6	128.4E6	43.576	50.676
8)	B Heptachlo...	5.689	4.739	107.0E6	112.8E6	43.726	50.031
9)	A Endosulfan I	6.073	5.109	99322012	106.1E6	44.235	50.274
10)	B gamma-Chl...	5.944	4.990	107.3E6	117.3E6	44.399	49.627
11)	B alpha-Chl...	6.023	5.053	106.0E6	116.3E6	44.036	49.442
12)	B 4,4'-DDE	6.196	5.243	93830484	105.9E6	44.850	50.707
13)	MA Dieldrin	6.349	5.374	103.6E6	113.3E6	43.970	49.758
14)	MA Endrin	6.577	5.649	83827208	93124192	43.227m	45.713
15)	B Endosulfa...	6.797	5.943	91806570	99442040	45.366	51.400
16)	A 4,4'-DDD	6.713	5.796	83963397	92153261	55.554	55.824
17)	MA 4,4'-DDT	7.027	6.047	75770457	79998046	42.686	45.034
18)	B Endrin al...	6.928	6.122	73336086	78622073	45.938	50.474
19)	B Endosulfa...	7.162	6.345	86347379	95792828	45.004	49.685
20)	A Methoxychlor	7.502	6.621	42015981	44229173	44.685	44.542
21)	B Endrin ke...	7.646	6.850	97228529	112.9E6	46.305	51.850
22)	Mirex	8.120	7.032	75038435	90444988	44.110	48.459

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090724\
Data File : PL091531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2024 14:10
Operator : AR\AJ
Sample : PB163159BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163159BS

Manual Integrations

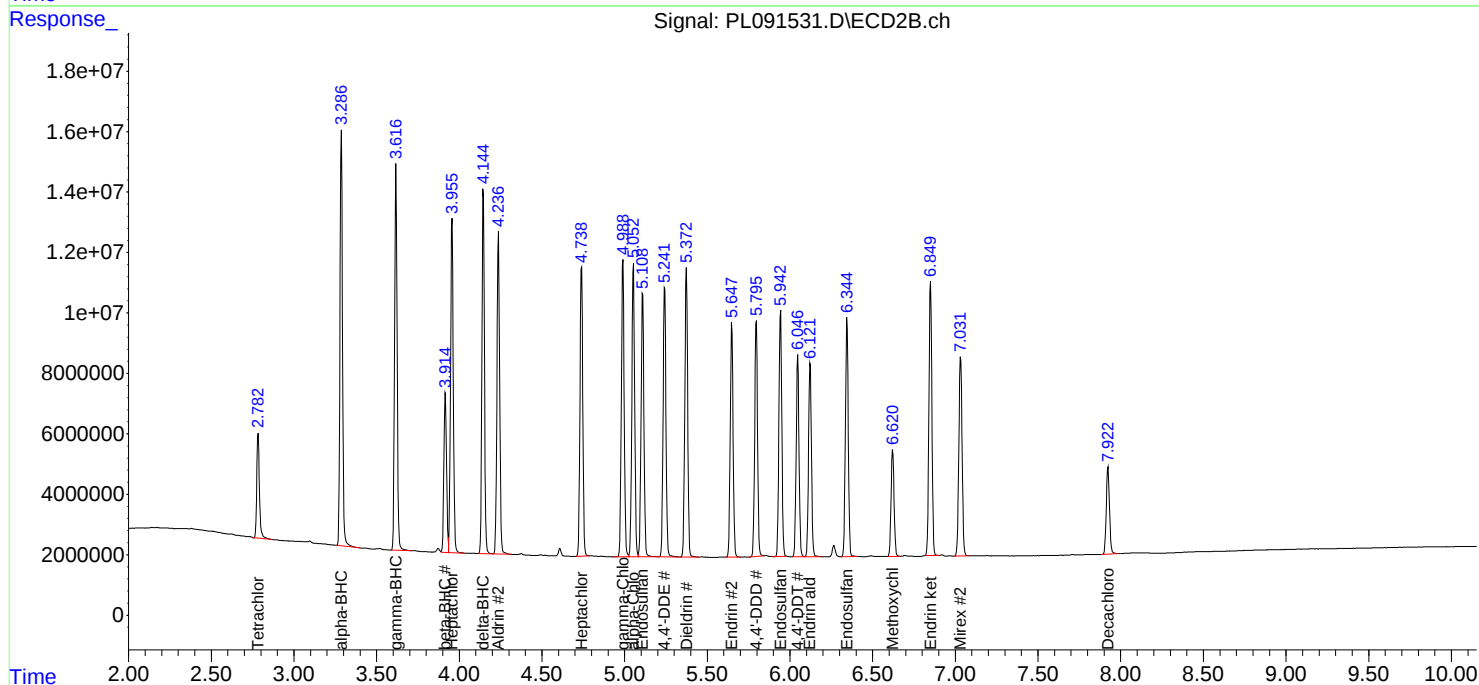
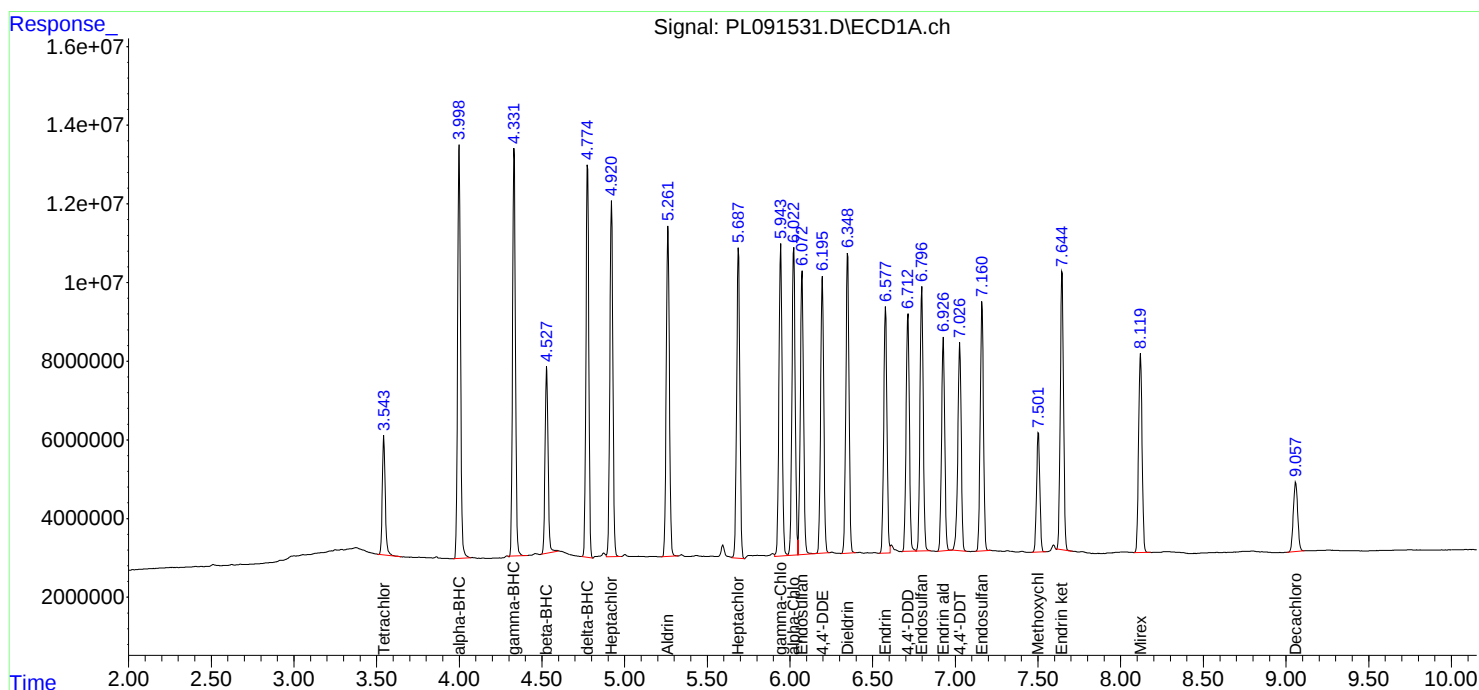
APPROVED

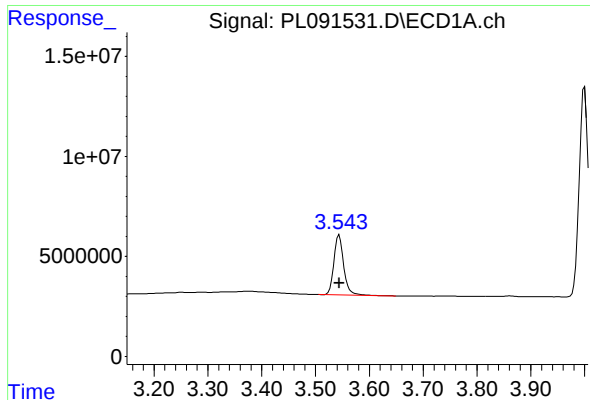
Reviewed By :Abdul Mirza 09/06/2024

Supervised By :Ankita Jodhani 09/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 06:43:57 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.: 3.544 min
Delta R.T.: 0.000 min
Response: 38038702
Conc: 17.72 ng/ml

Instrument :

ECD_L

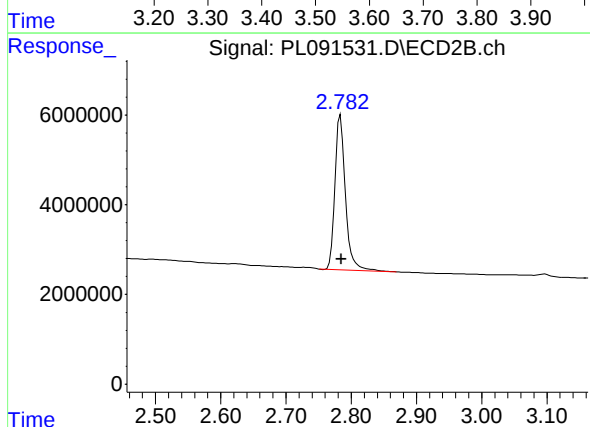
ClientSampleId :

PB163159BS

Manual Integrations

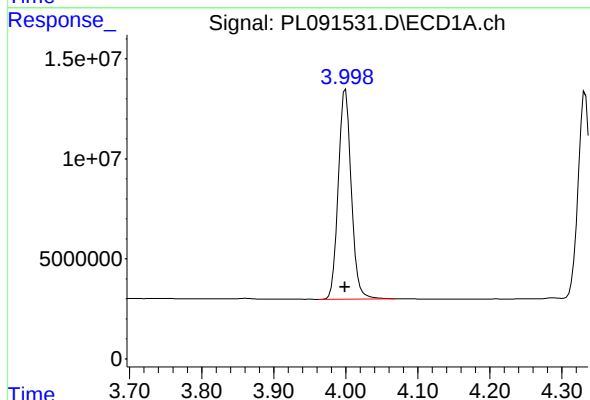
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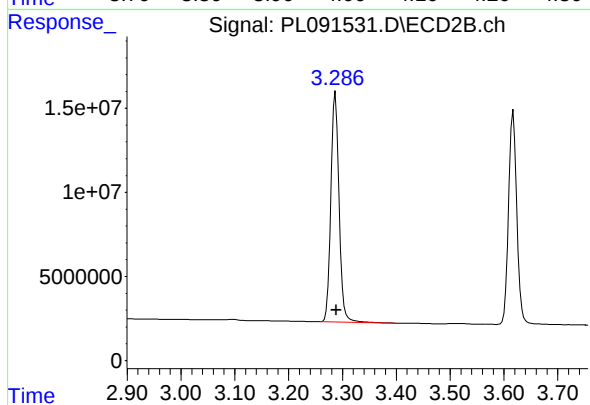
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.001 min
Response: 38574879
Conc: 19.76 ng/ml



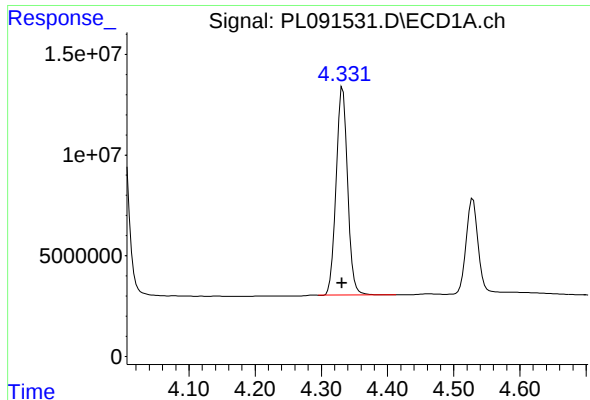
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 130537784
Conc: 43.54 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.001 min
Response: 144634338
Conc: 52.15 ng/ml



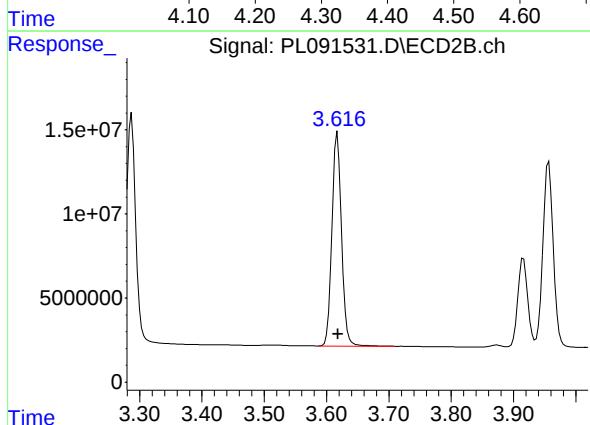
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 123971397
Conc: 43.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

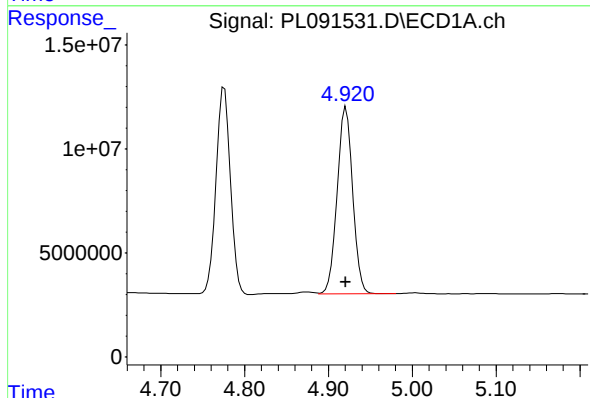
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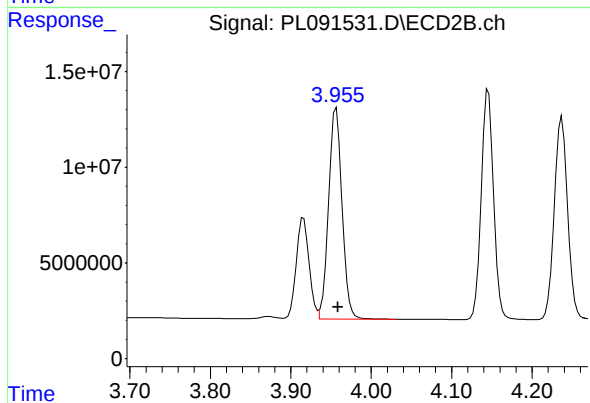
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.001 min
Response: 135354611
Conc: 51.39 ng/ml



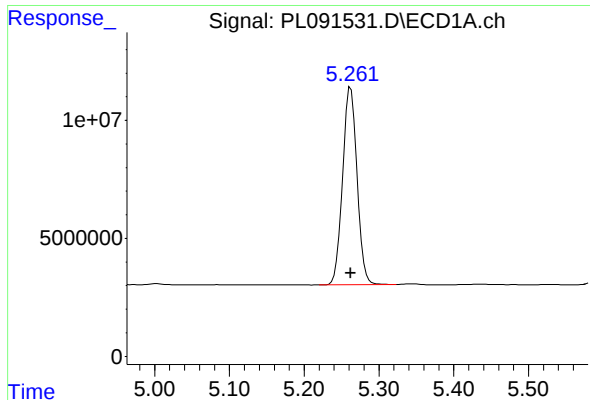
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 115672433
Conc: 43.44 ng/ml



#4 Heptachlor

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 128006408
Conc: 49.56 ng/ml



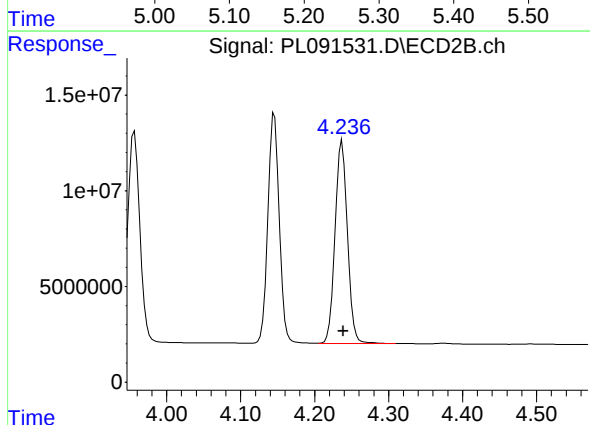
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 112326114
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

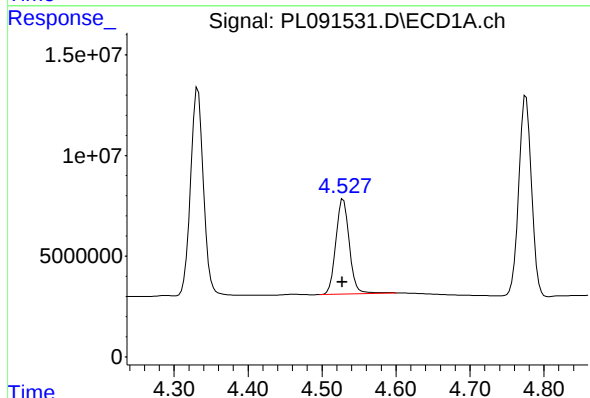
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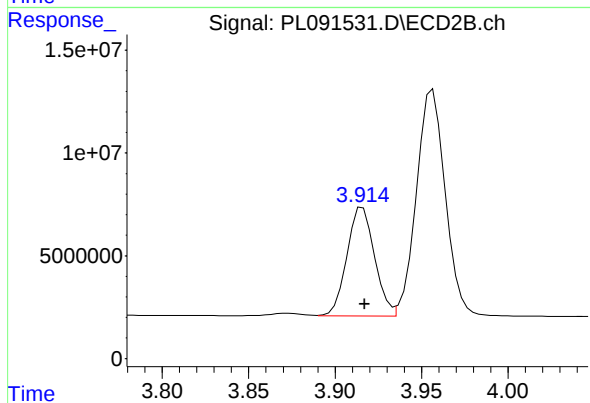
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 123067776
Conc: 50.04 ng/ml



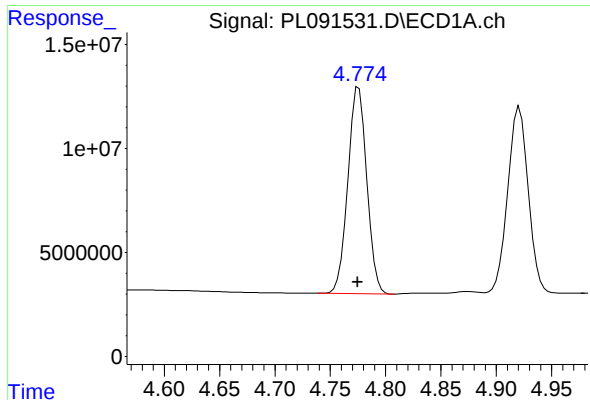
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.001 min
Response: 59963979
Conc: 44.34 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: -0.001 min
Response: 58511201
Conc: 49.71 ng/ml



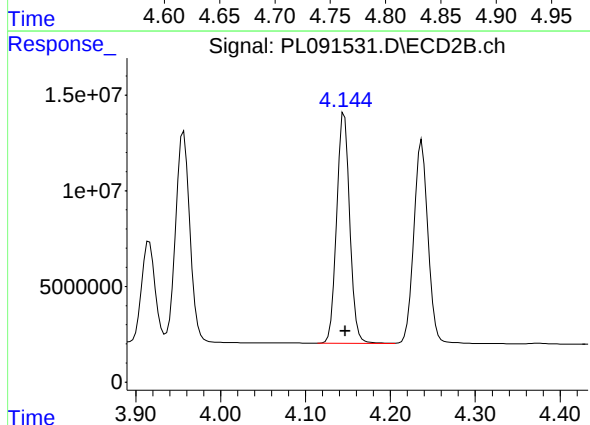
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 118635328
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

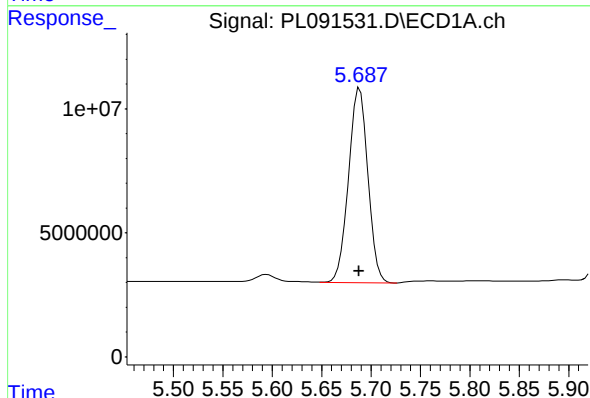
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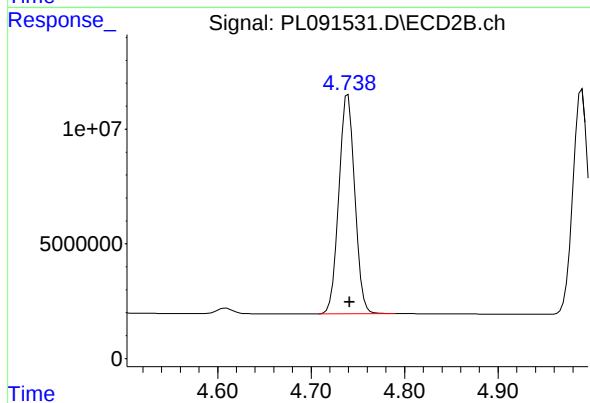
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.001 min
Response: 128424642
Conc: 50.68 ng/ml



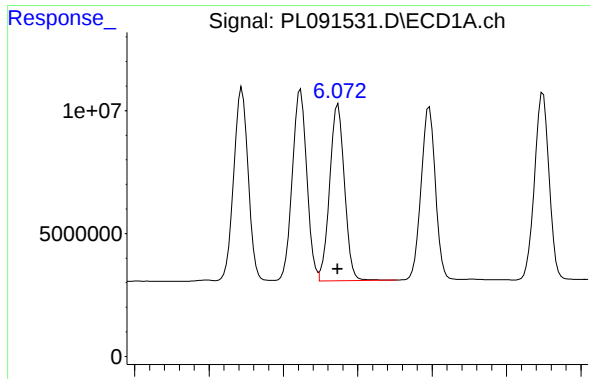
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 106978599
Conc: 43.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 112812991
Conc: 50.03 ng/ml



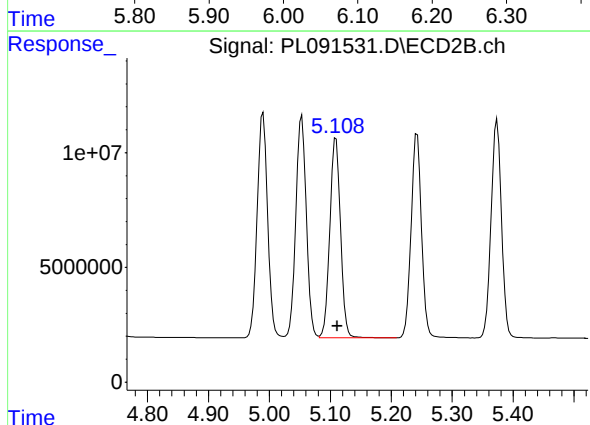
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 99322012
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

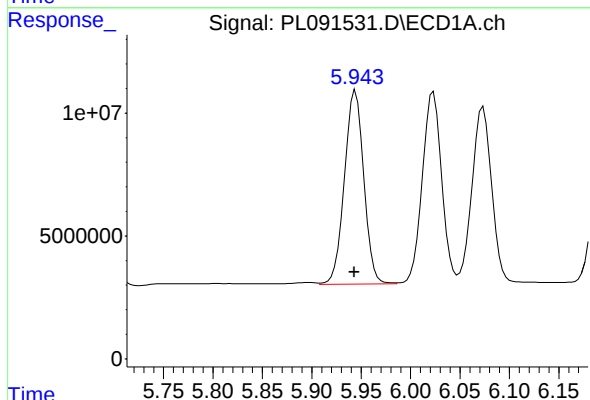
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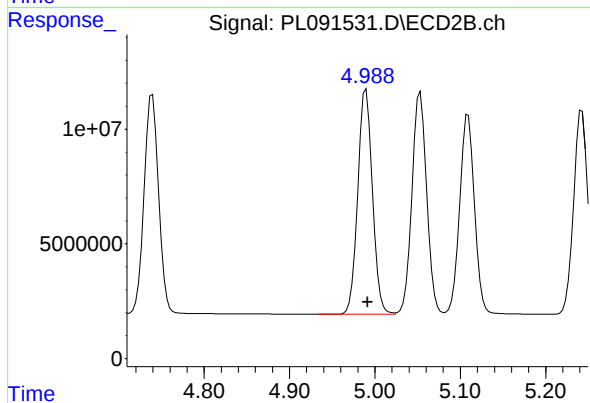
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 106086675
Conc: 50.27 ng/ml



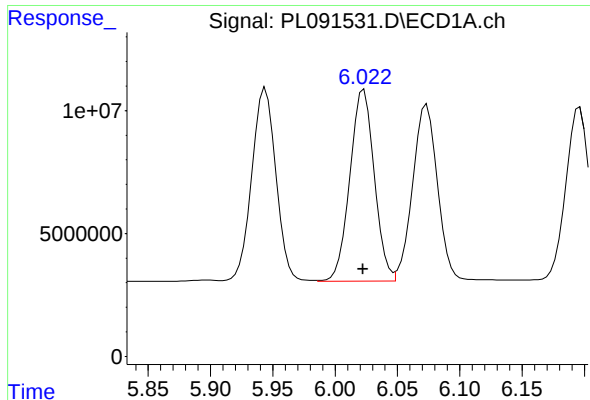
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 107287163
Conc: 44.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 117316095
Conc: 49.63 ng/ml



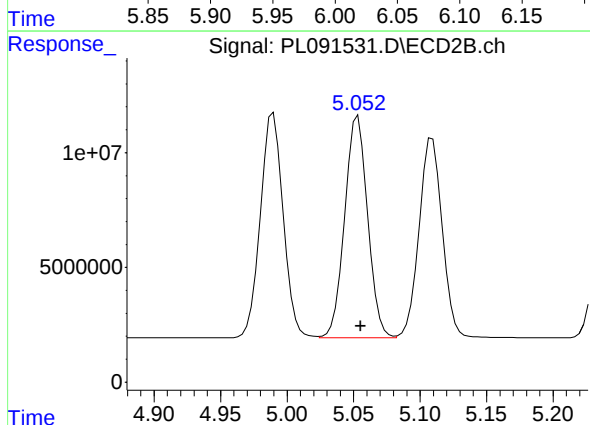
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 106026812
Conc: 44.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

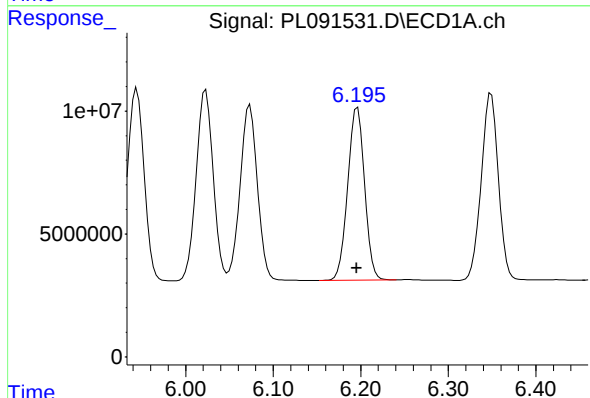
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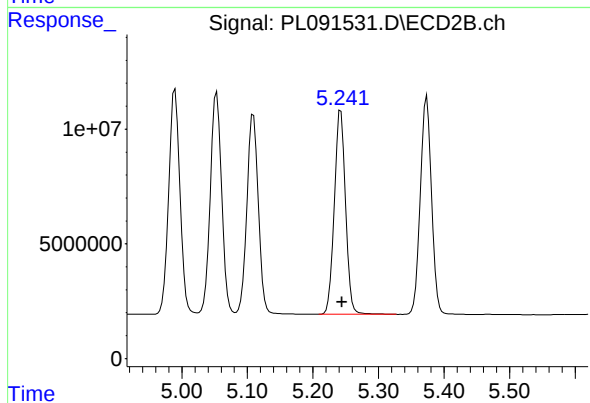
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 116314512
Conc: 49.44 ng/ml



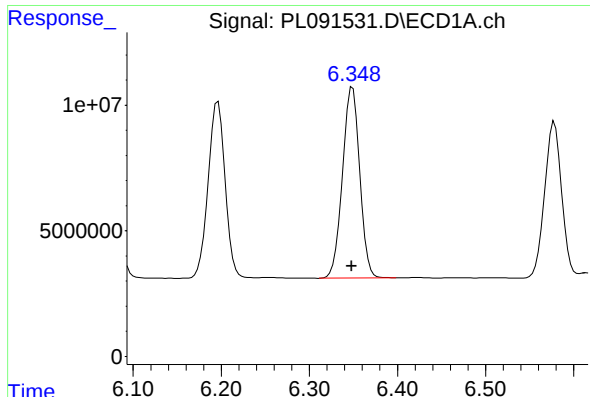
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 93830484
Conc: 44.85 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 105948407
Conc: 50.71 ng/ml



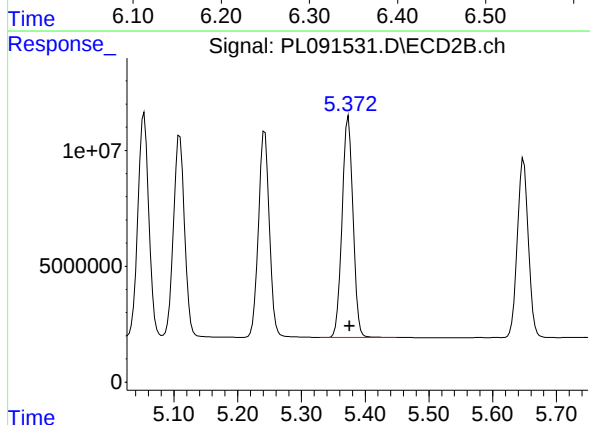
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 103559933
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

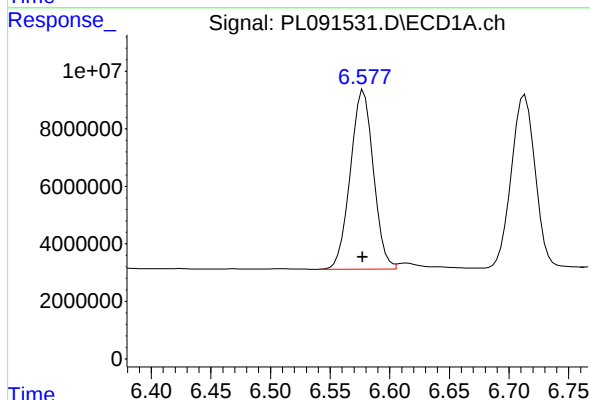
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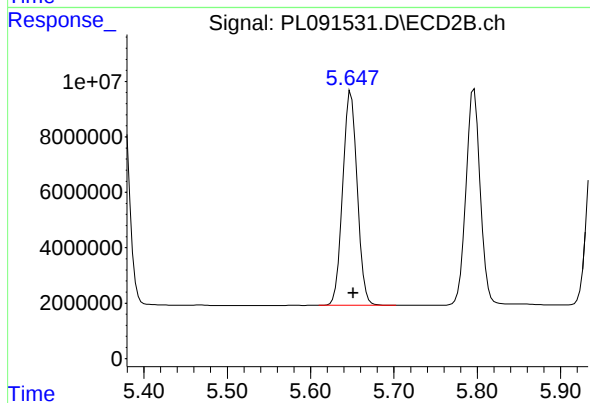
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 113326305
Conc: 49.76 ng/ml



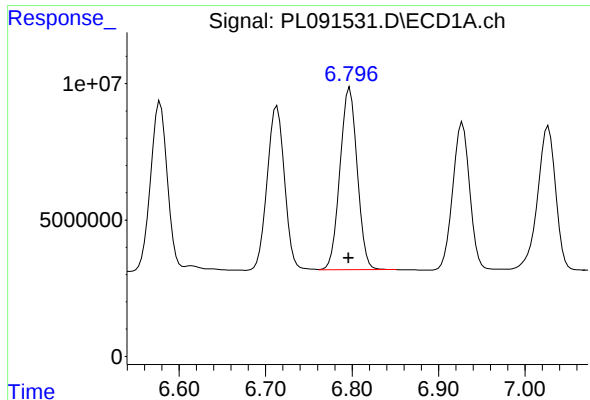
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 83827208
Conc: 43.23 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 93124192
Conc: 45.71 ng/ml



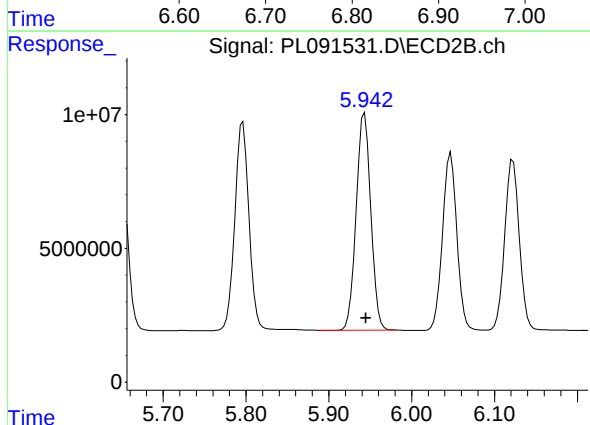
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.001 min
Response: 91806570
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

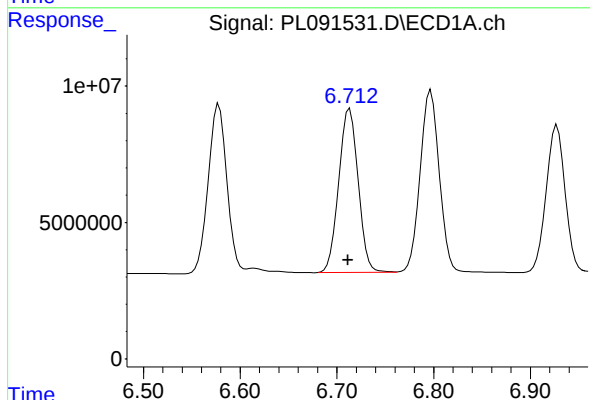
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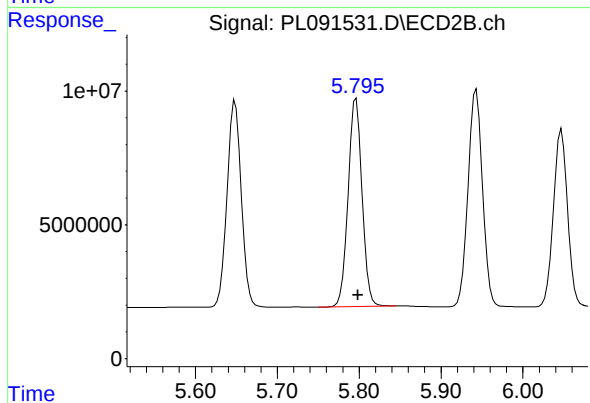
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 99442040
Conc: 51.40 ng/ml



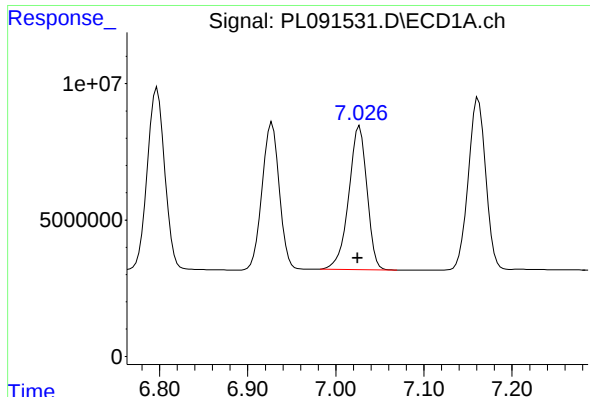
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 83963397
Conc: 55.55 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.002 min
Response: 92153261
Conc: 55.82 ng/ml



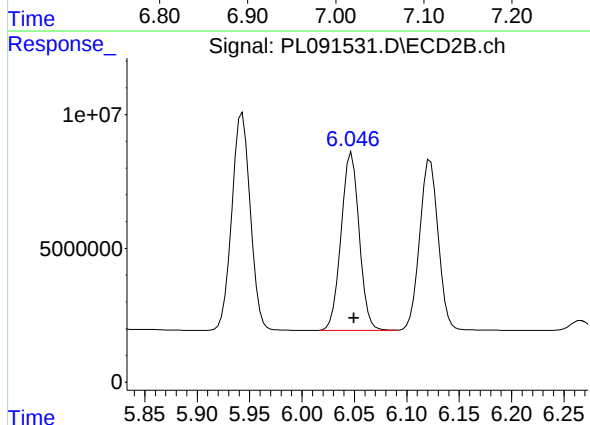
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 75770457
Conc: 42.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

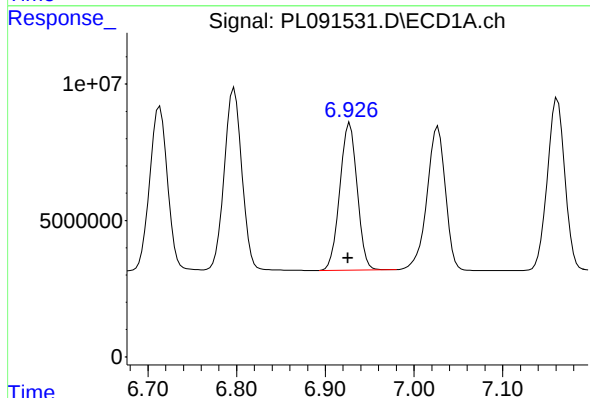
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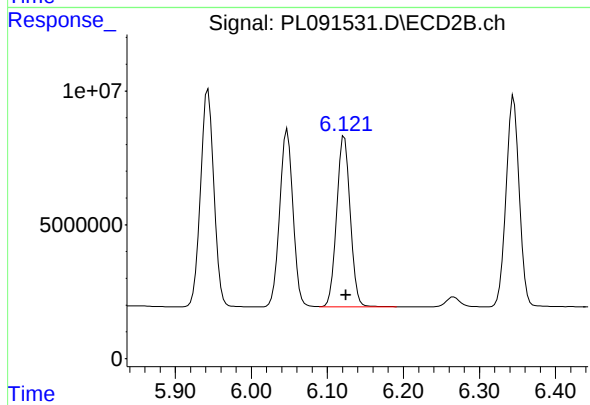
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 79998046
Conc: 45.03 ng/ml



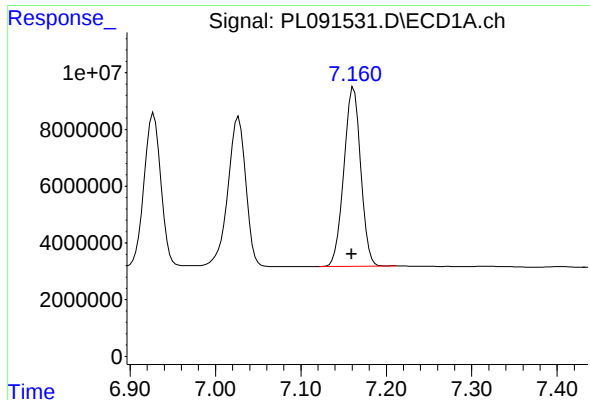
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.002 min
Response: 73336086
Conc: 45.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 78622073
Conc: 50.47 ng/ml



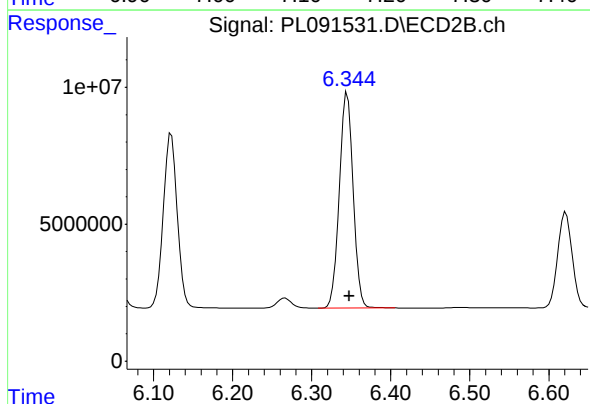
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.002 min
Response: 86347379
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

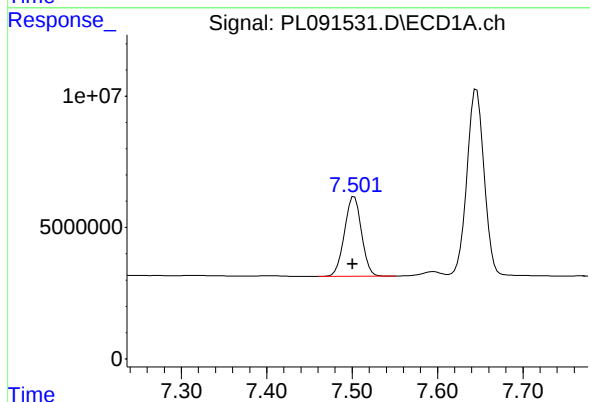
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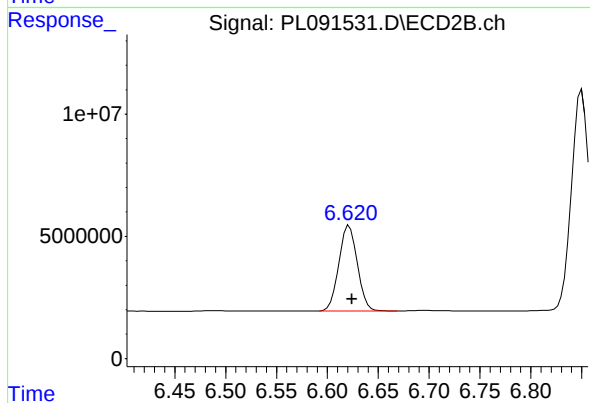
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: 95792828
Conc: 49.69 ng/ml



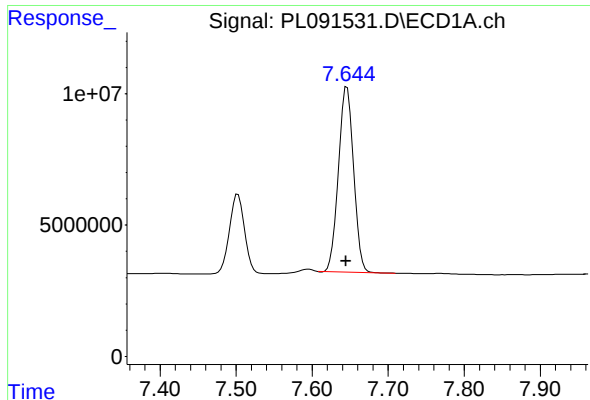
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 42015981
Conc: 44.69 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: -0.003 min
Response: 44229173
Conc: 44.54 ng/ml



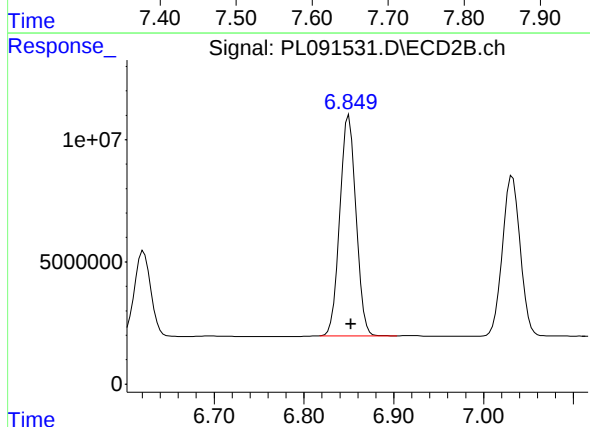
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 97228529
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163159BS

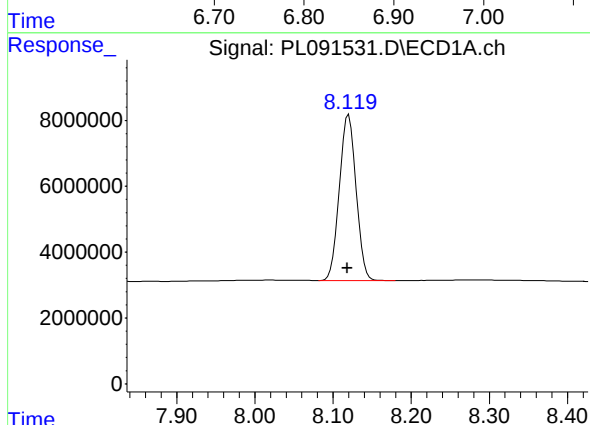
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/06/2024
Supervised By :Ankita Jodhani 09/06/2024



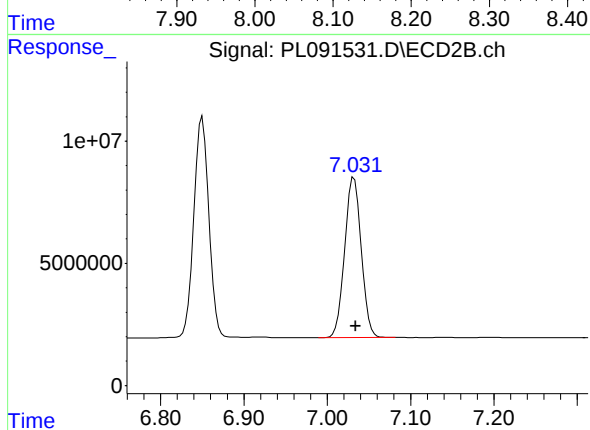
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 112927675
Conc: 51.85 ng/ml



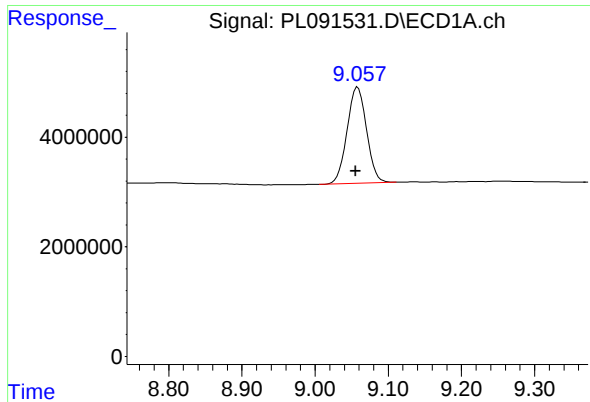
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.002 min
Response: 75038435
Conc: 44.11 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: -0.002 min
Response: 90444988
Conc: 48.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 32416047
Conc: 21.26 ng/ml

Instrument :

ECD_L

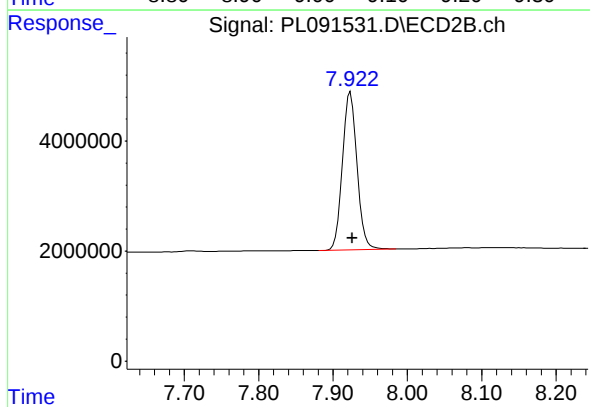
ClientSampleId :

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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.002 min
Response: 39116240
Conc: 20.65 ng/ml