

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072524\
 Data File : PL090652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2024 15:19
 Operator : AR\AJ
 Sample : PB162270BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162270BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/26/2024
 Supervised By :Ankita Jodhani 07/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 01:21:07 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	36994925	30071778	17.767m	17.868
28)	SA Decachlor...	9.061	7.934	26875562	30211651	20.225m	20.720
Target Compounds							
2)	A alpha-BHC	4.001	3.293	126.4E6	110.3E6	42.602m	45.655
3)	MA gamma-BHC...	4.334	3.623	122.9E6	107.8E6	43.901m	46.757
4)	MA Heptachlor	4.923	3.964	110.8E6	102.3E6	43.531m	46.360
5)	MB Aldrin	5.265	4.243	111.9E6	101.9E6	44.803m	47.895m
6)	B beta-BHC	4.530	3.921	55142291	45578832	43.470m	44.157
7)	B delta-BHC	4.777	4.150	115.8E6	104.0E6	43.205m	47.297m
8)	B Heptachlo...	5.690	4.747	105.7E6	93198827	44.979m	47.785
9)	A Endosulfan I	6.076	5.117	95952239	87136978	44.864m	47.648
10)	B gamma-Chl...	5.947	4.997	99987442	93498936	43.005m	46.117
11)	B alpha-Chl...	6.026	5.061	100.8E6	93937168	43.908m	46.489
12)	B 4,4'-DDE	6.198	5.250	90688486	85043003	44.851m	47.586
13)	MA Dieldrin	6.351	5.382	100.3E6	93687923	45.163m	47.778
14)	MA Endrin	6.582	5.657	85882828	82075295	46.715	47.687
15)	B Endosulfa...	6.799	5.951	90762383	80667605	46.146m	47.218
16)	A 4,4'-DDD	6.715	5.805	75029199	70397270	44.443m	46.986
17)	MA 4,4'-DDT	7.029	6.056	80181264	73355373	47.634m	50.067
18)	B Endrin al...	6.929	6.129	68039845	63371619	45.861m	48.503m
19)	B Endosulfa...	7.164	6.352	81801755	77241266	46.578m	47.901m
20)	A Methoxychlor	7.504	6.630	43421958	41373391	49.180m	51.170m
21)	B Endrin ke...	7.650	6.858	92192291	89742372	48.294	49.107m
22)	Mirex	8.122	7.042	67796799	69362346	47.871m	46.659

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072524\
Data File : PL090652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2024 15:19
Operator : AR\AJ
Sample : PB162270BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162270BS

Manual Integrations

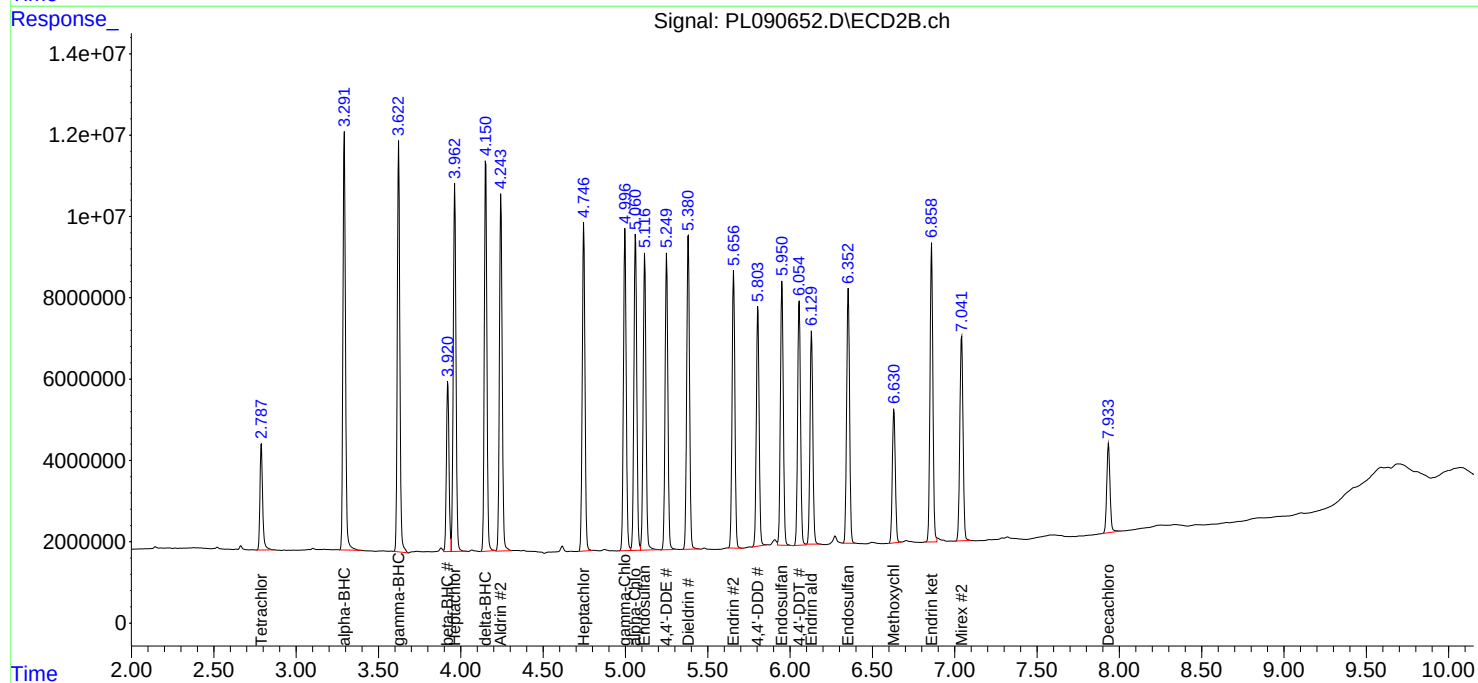
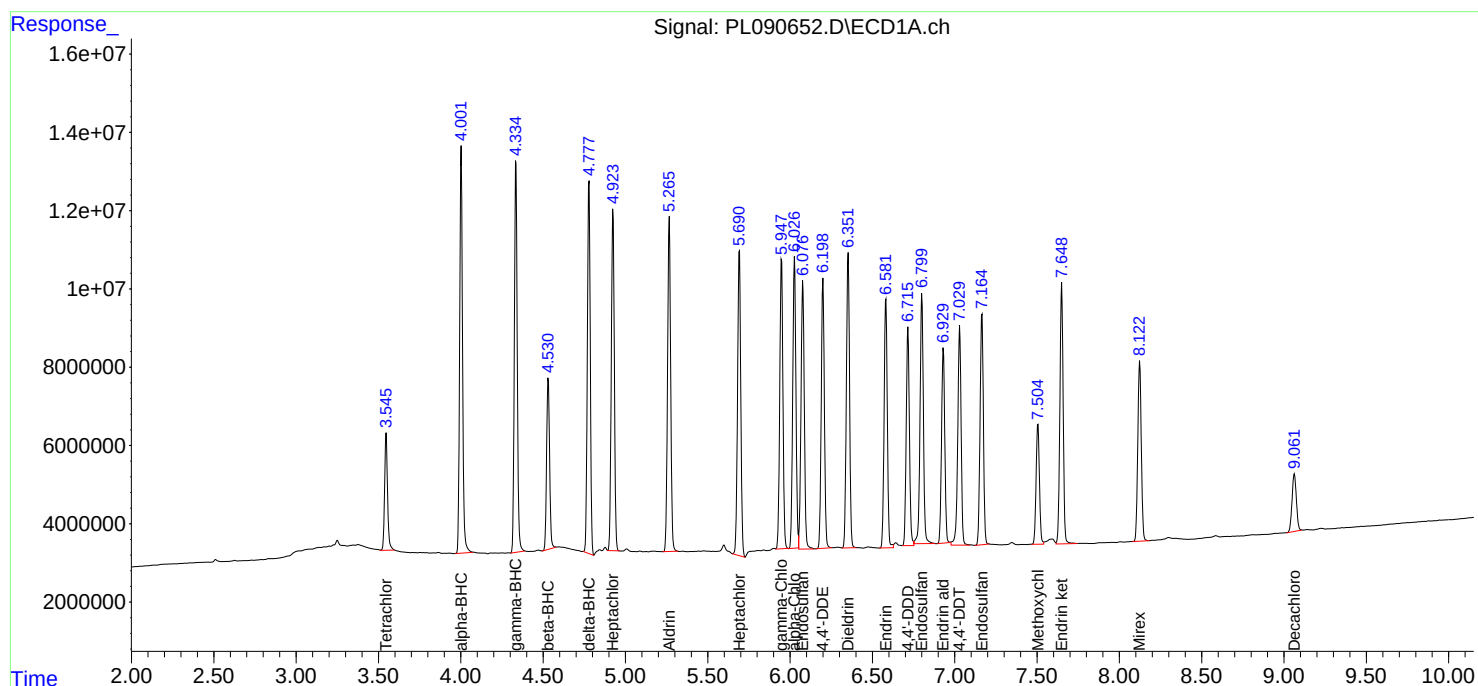
APPROVED

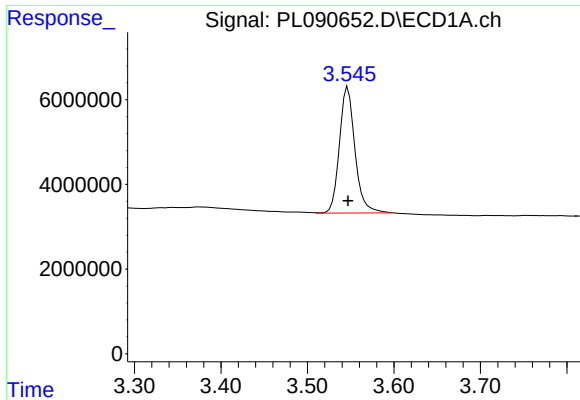
Reviewed By :Abdul Mirza 07/26/2024

Supervised By :Ankita Jodhani 07/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 01:21:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





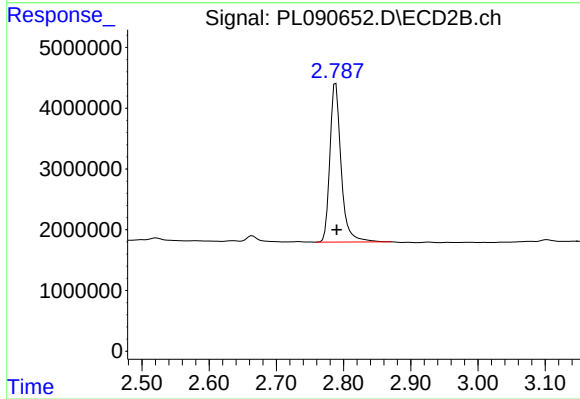
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 36994925
Conc: 17.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

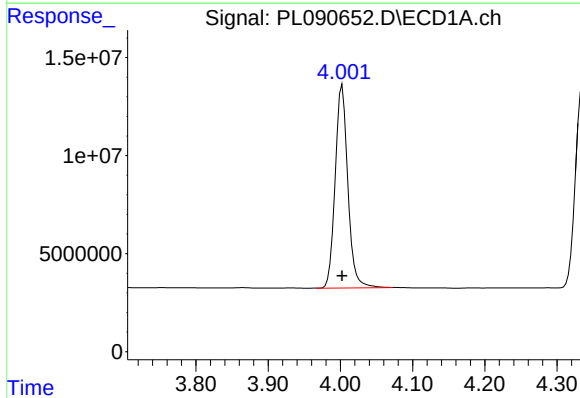
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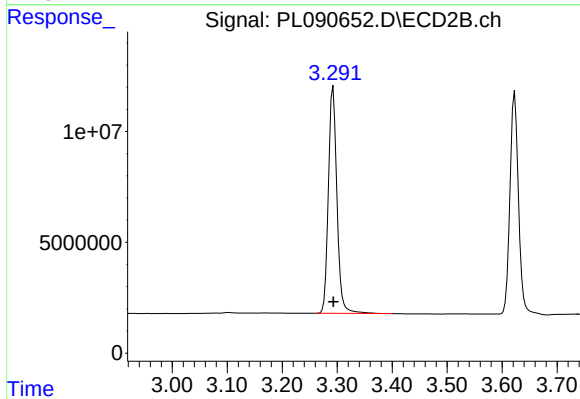
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.001 min
Response: 30071778
Conc: 17.87 ng/ml



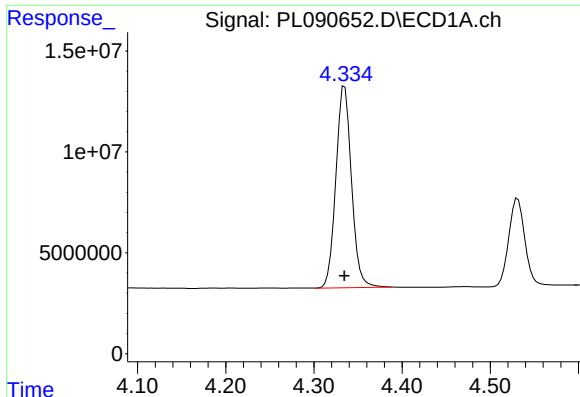
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 126417033
Conc: 42.60 ng/ml m



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 110307936
Conc: 45.66 ng/ml



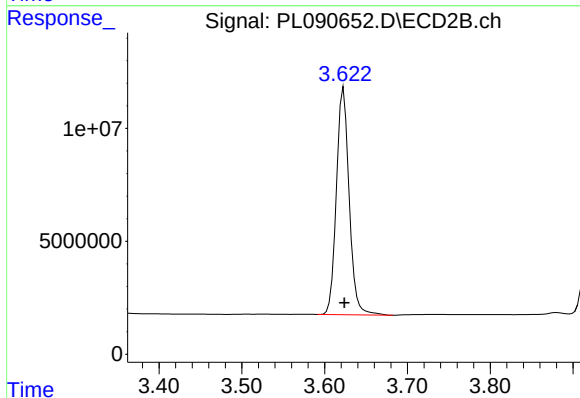
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 122941725
Conc: 43.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

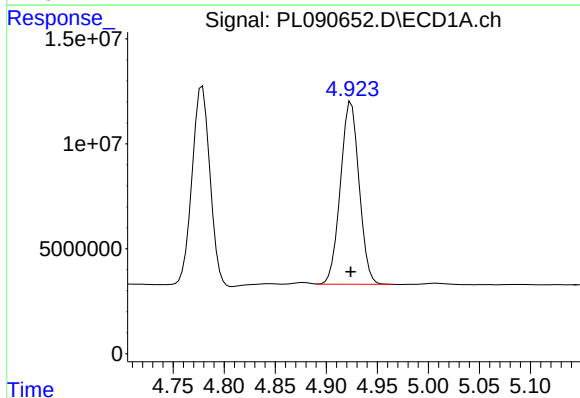
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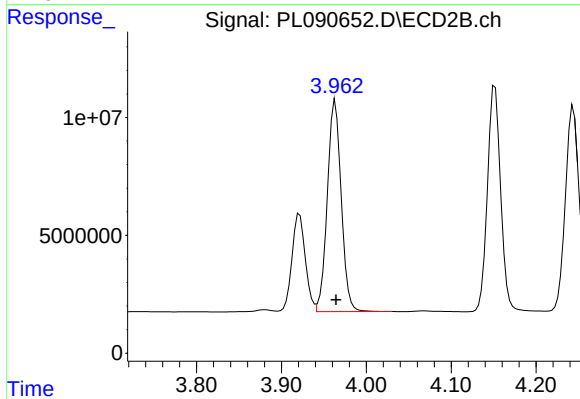
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 107821260
Conc: 46.76 ng/ml



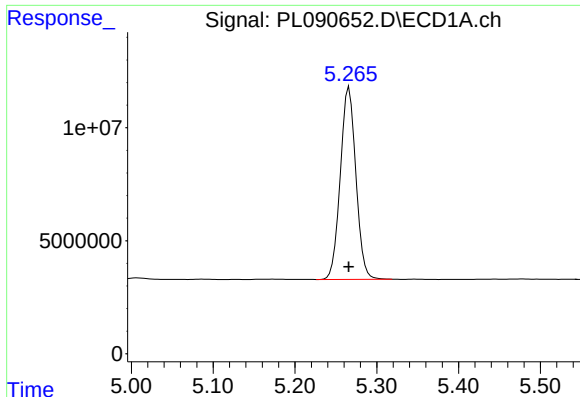
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 110789056
Conc: 43.53 ng/ml m



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 102272066
Conc: 46.36 ng/ml



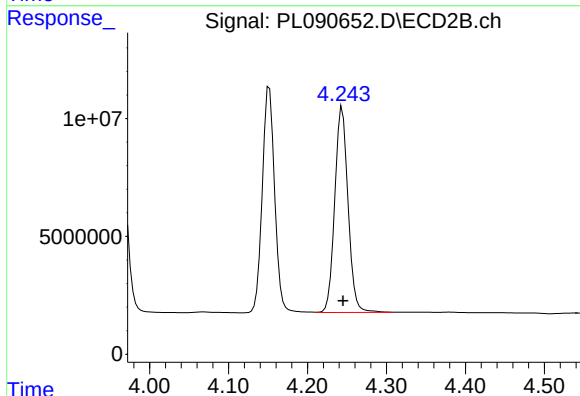
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 111934678
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

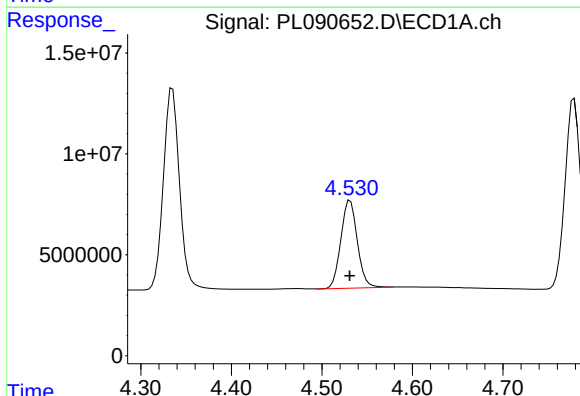
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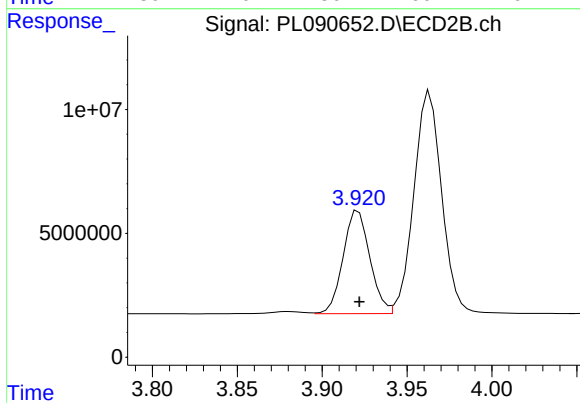
#5 Aldrin

R.T.: 4.243 min
Delta R.T.: -0.002 min
Response: 101895622
Conc: 47.90 ng/ml m



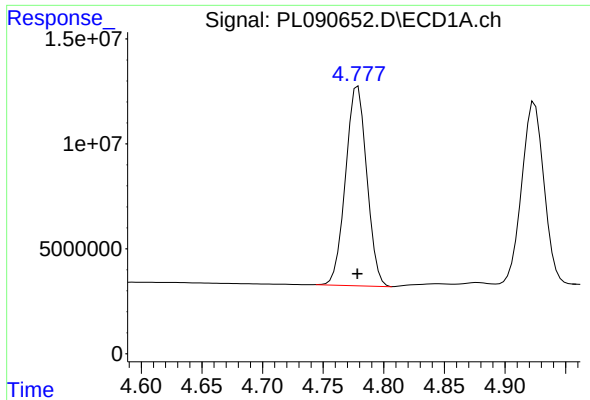
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 55142291
Conc: 43.47 ng/ml m



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: 0.000 min
Response: 45578832
Conc: 44.16 ng/ml



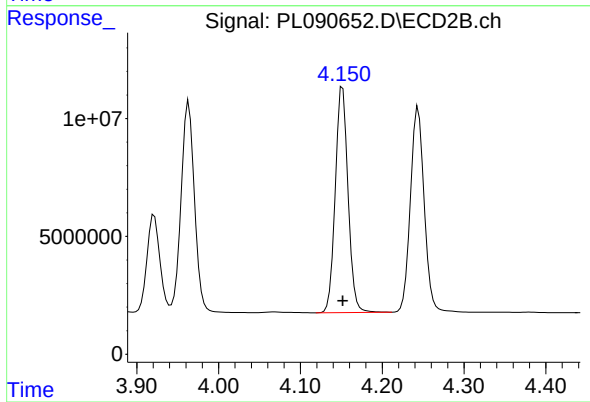
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 115835887
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

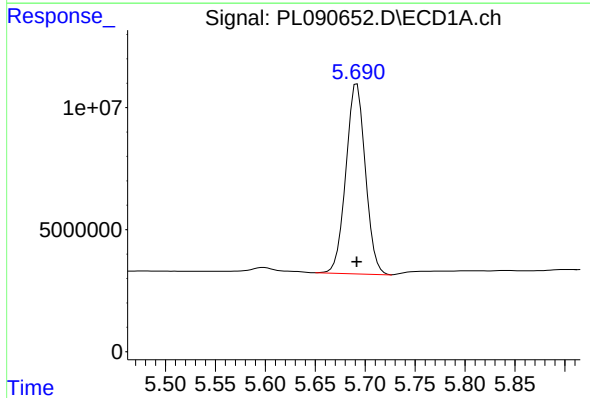
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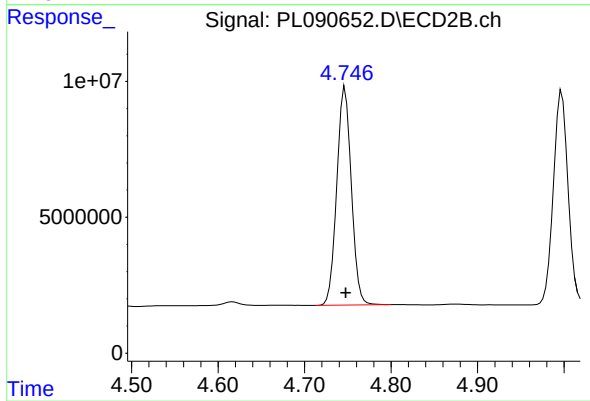
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 104042216
Conc: 47.30 ng/ml m



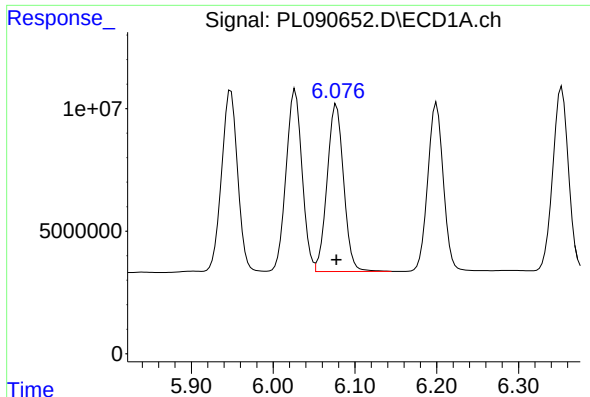
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 105718584
Conc: 44.98 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 93198827
Conc: 47.78 ng/ml



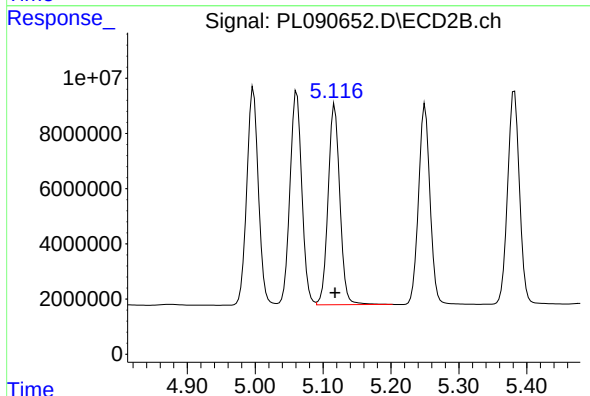
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 95952239
Conc: 44.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

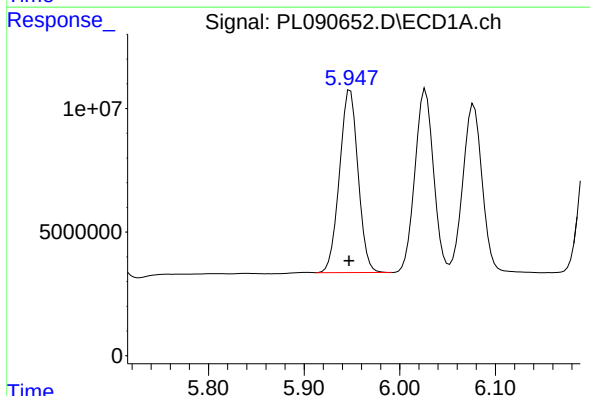
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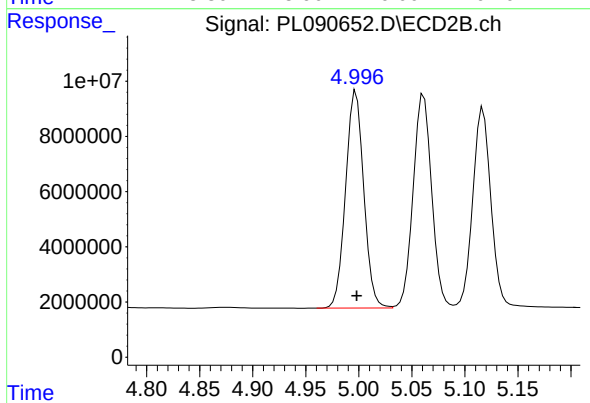
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 87136978
Conc: 47.65 ng/ml



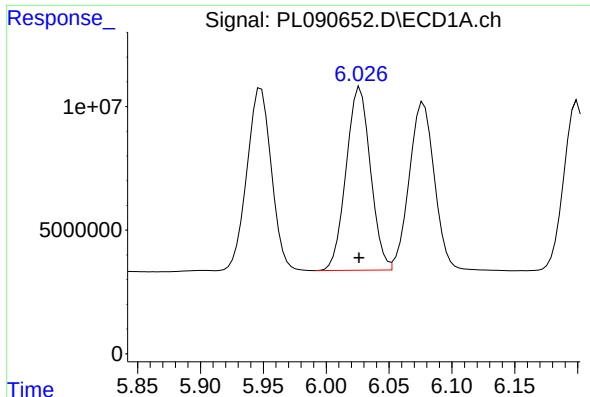
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 99987442
Conc: 43.00 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 93498936
Conc: 46.12 ng/ml



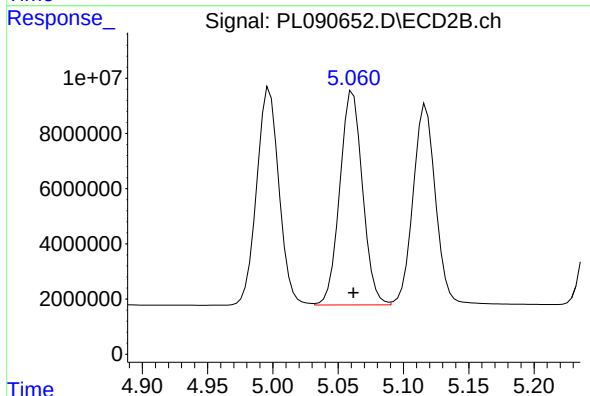
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 100801008
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

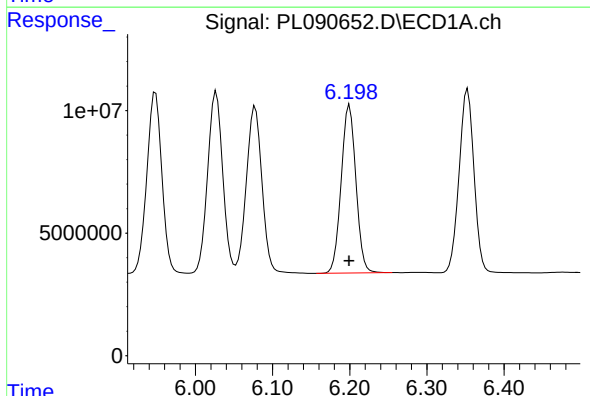
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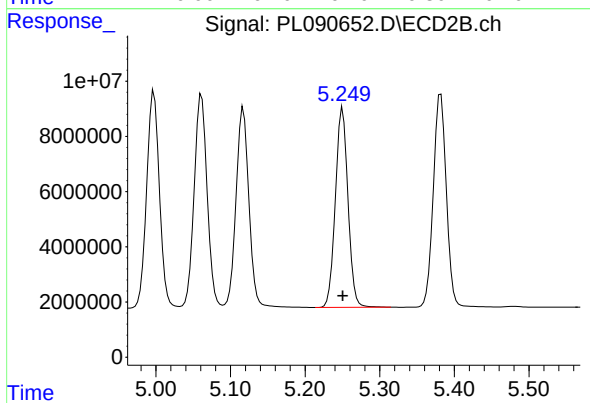
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 93937168
Conc: 46.49 ng/ml



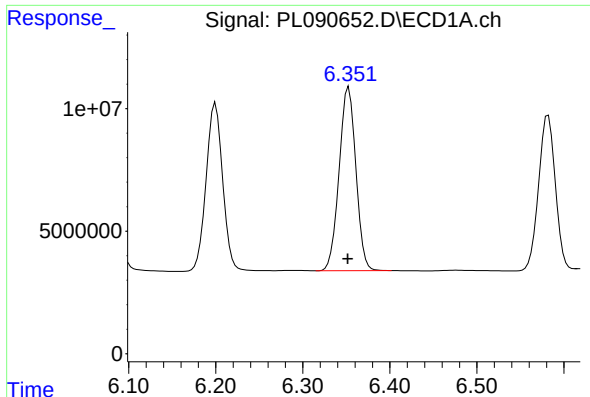
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 90688486
Conc: 44.85 ng/ml m



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 85043003
Conc: 47.59 ng/ml



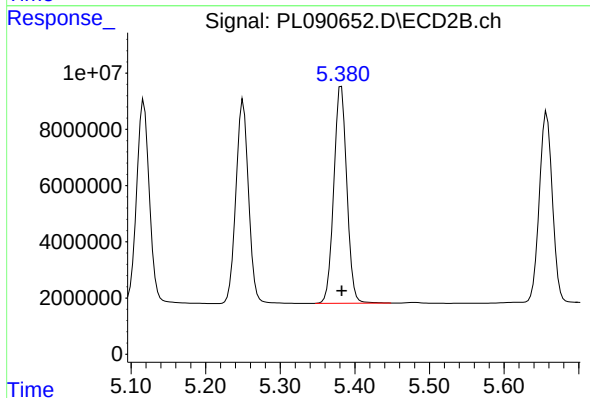
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 100344883
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

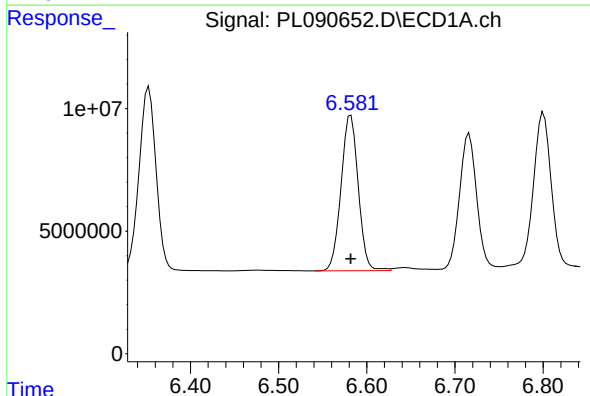
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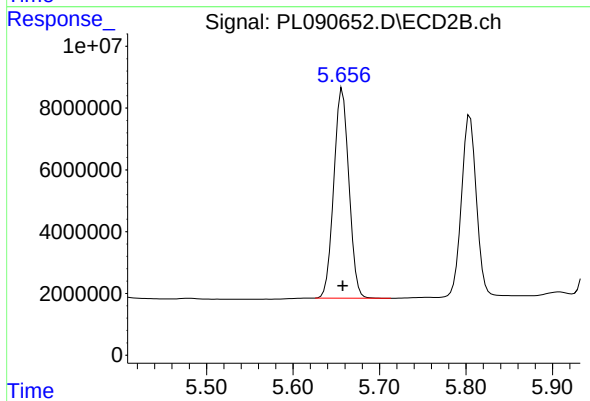
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 93687923
Conc: 47.78 ng/ml



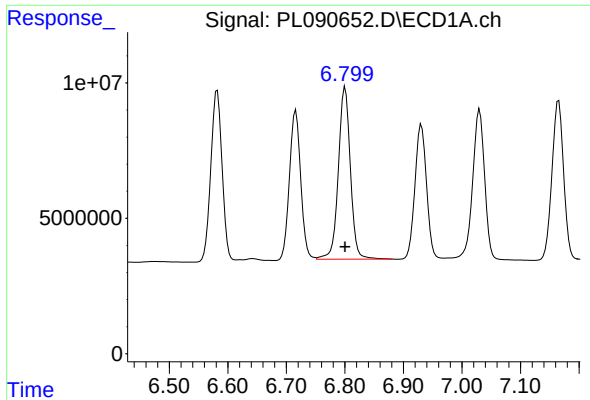
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 85882828
Conc: 46.72 ng/ml



#14 Endrin

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 82075295
Conc: 47.69 ng/ml



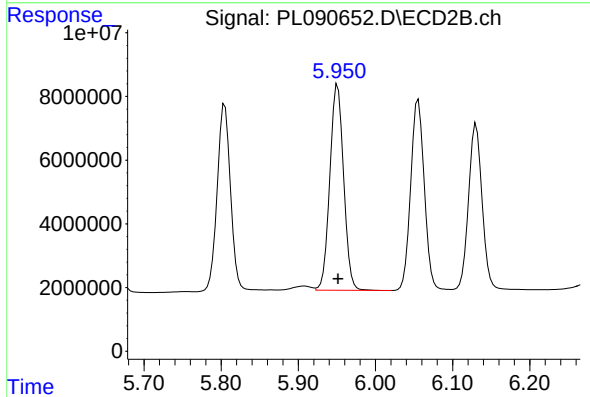
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: -0.001 min
Response: 90762383
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

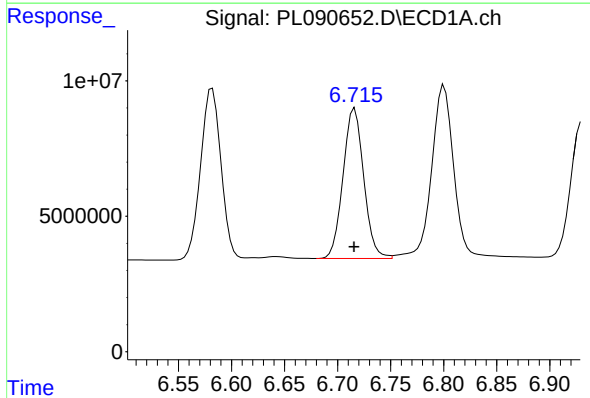
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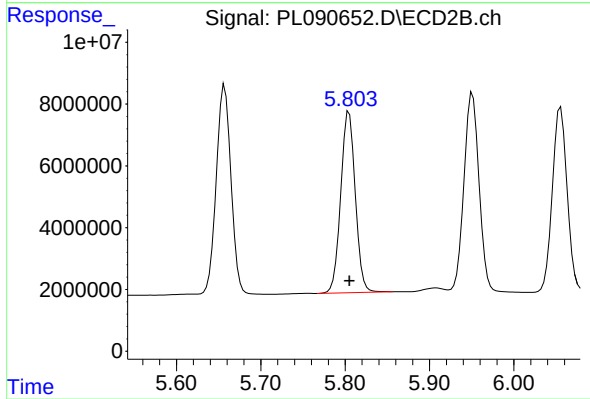
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 80667605
Conc: 47.22 ng/ml



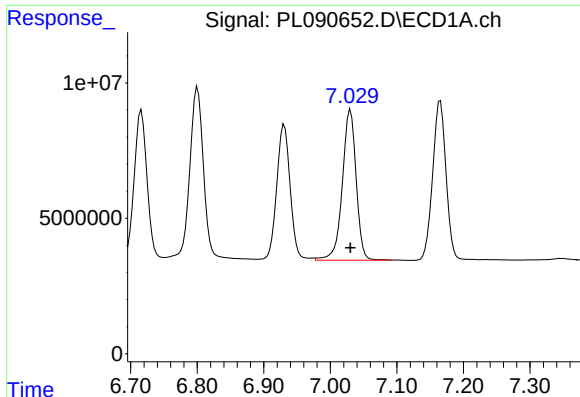
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 75029199
Conc: 44.44 ng/ml m



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 70397270
Conc: 46.99 ng/ml



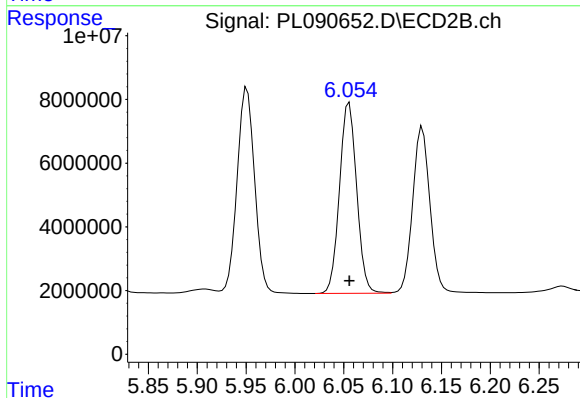
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 80181264
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

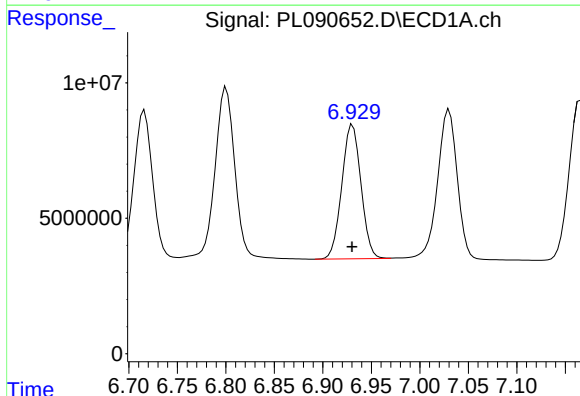
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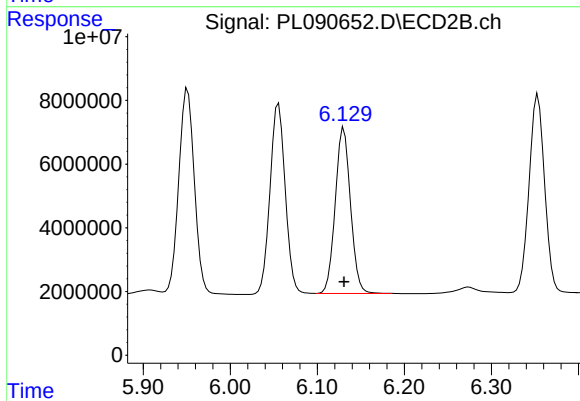
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 73355373
Conc: 50.07 ng/ml



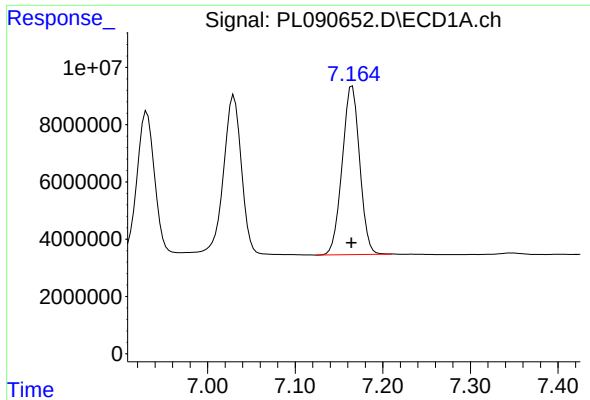
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 68039845
Conc: 45.86 ng/ml m



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 63371619
Conc: 48.50 ng/ml m



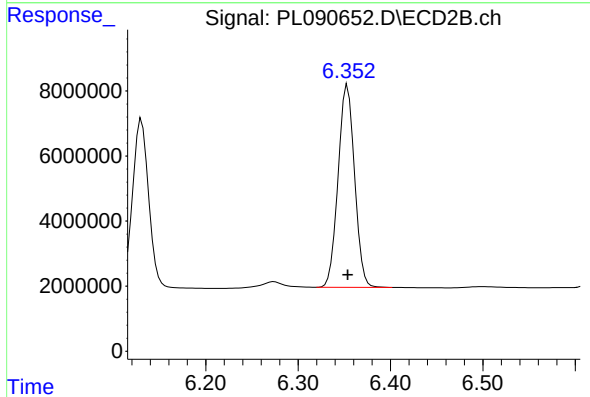
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 81801755
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

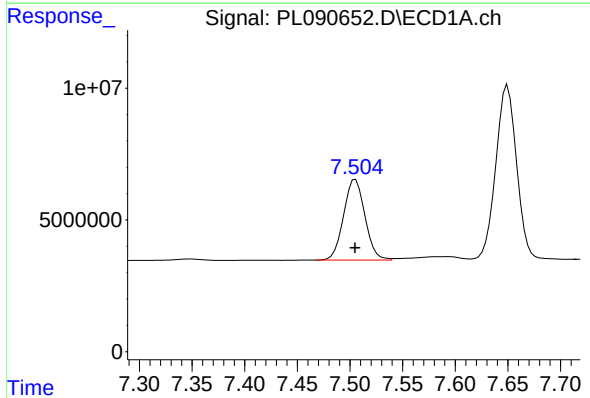
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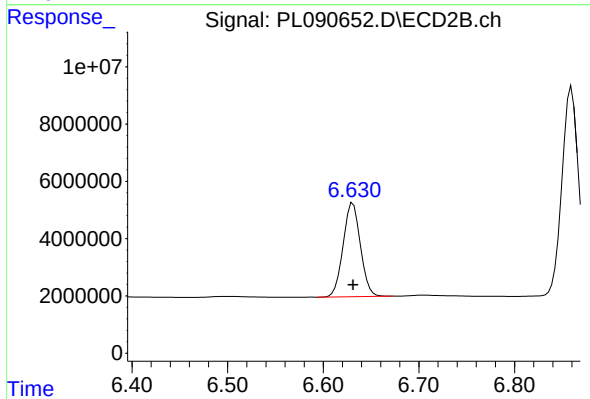
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 77241266
Conc: 47.90 ng/ml m



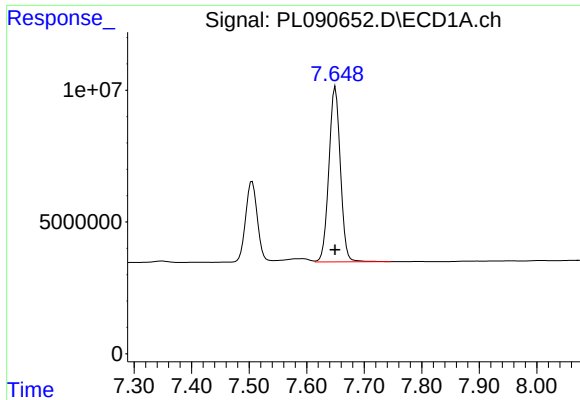
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 43421958
Conc: 49.18 ng/ml m



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 41373391
Conc: 51.17 ng/ml m



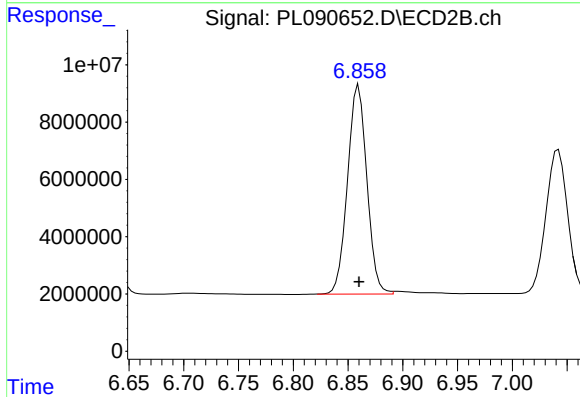
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 92192291
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162270BS

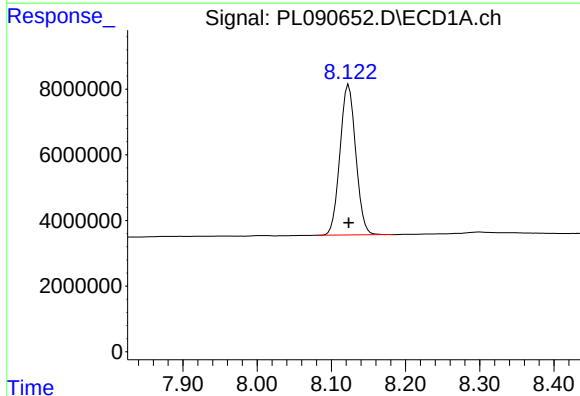
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APPROVED

Reviewed By :Abdul Mirza 07/26/2024
Supervised By :Ankita Jodhani 07/26/2024



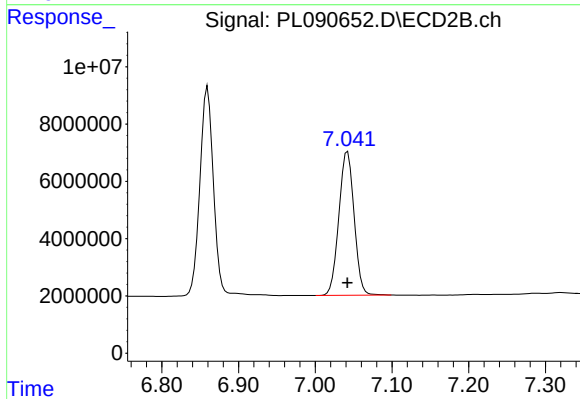
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 89742372
Conc: 49.11 ng/ml m



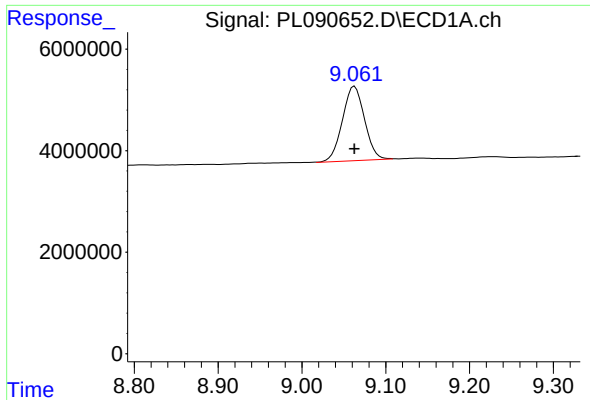
#22 Mirex

R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 67796799
Conc: 47.87 ng/ml m



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 69362346
Conc: 46.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.001 min
Response: 26875562
Conc: 20.22 ng/ml

Instrument :

ECD_L

ClientSampleId :

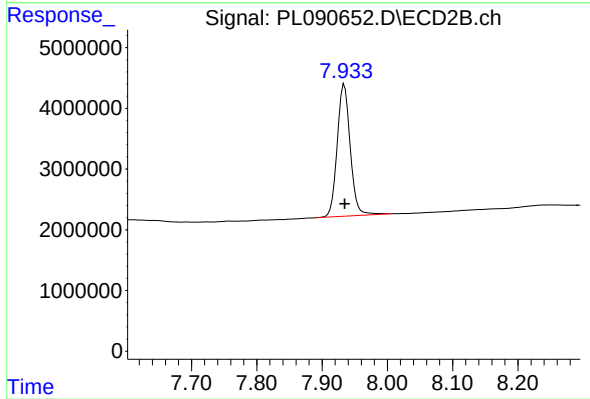
PB162270BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 30211651
Conc: 20.72 ng/ml