

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
 Data File : PL096599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 17:33
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/29/2025
 Supervised By : mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 07:45:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 07:36:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.828	80667083	120.4E6	25.718	25.447
28)	SA Decachlor...	9.016	7.992	61253778	110.7E6	26.443	26.222
Target Compounds							
2)	A alpha-BHC	3.983	3.333	113.7E6	176.1E6	24.483	24.678
3)	MA gamma-BHC...	4.311	3.665	109.5E6	164.7E6	24.930	24.831
4)	MA Heptachlor	4.903	4.014	103.9E6	167.4E6	25.150	25.138
5)	MB Aldrin	5.242	4.297	106.1E6	154.6E6	24.852	24.810
6)	B beta-BHC	4.497	3.961	46424655	71835591	26.066	25.815
7)	B delta-BHC	4.743	4.195	98875722	161.7E6	24.853	24.903
8)	B Heptachlo...	5.662	4.799	97796537	143.3E6	25.420	25.140
9)	A Endosulfan I	6.044	5.170	89274310	138.5E6	25.243	25.835
10)	B gamma-Chl...	5.916	5.051	95166219	147.9E6	25.039	25.072
11)	B alpha-Chl...	5.996	5.115	96944619	147.4E6	25.499	25.414
12)	B 4,4'-DDE	6.166	5.303	77835138	135.9E6	24.731	24.536
13)	MA Dieldrin	6.316	5.434	91962286	148.1E6	24.768	25.106
14)	MA Endrin	6.542	5.709	76652120	133.6E6	25.664	24.852
15)	B Endosulfa...	6.755	6.001	79391270	129.4E6	26.092	25.256
16)	A 4,4'-DDD	6.675	5.856	62524397	117.6E6	24.773	25.050
17)	MA 4,4'-DDT	6.989	6.109	70933756	126.1E6	24.589	24.645
18)	B Endrin al...	6.884	6.177	54110594	98803191	25.464	26.338m
19)	B Endosulfa...	7.117	6.403	71756969	128.4E6	25.163	25.362
20)	A Methoxychlor	7.462	6.681	37688830	69721101	25.500	25.524
21)	B Endrin ke...	7.597	6.905	75730573	146.9E6	25.211	26.570m
22)	Mirex	8.076	7.097	63693911	111.6E6	26.118	26.231

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 17:33
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

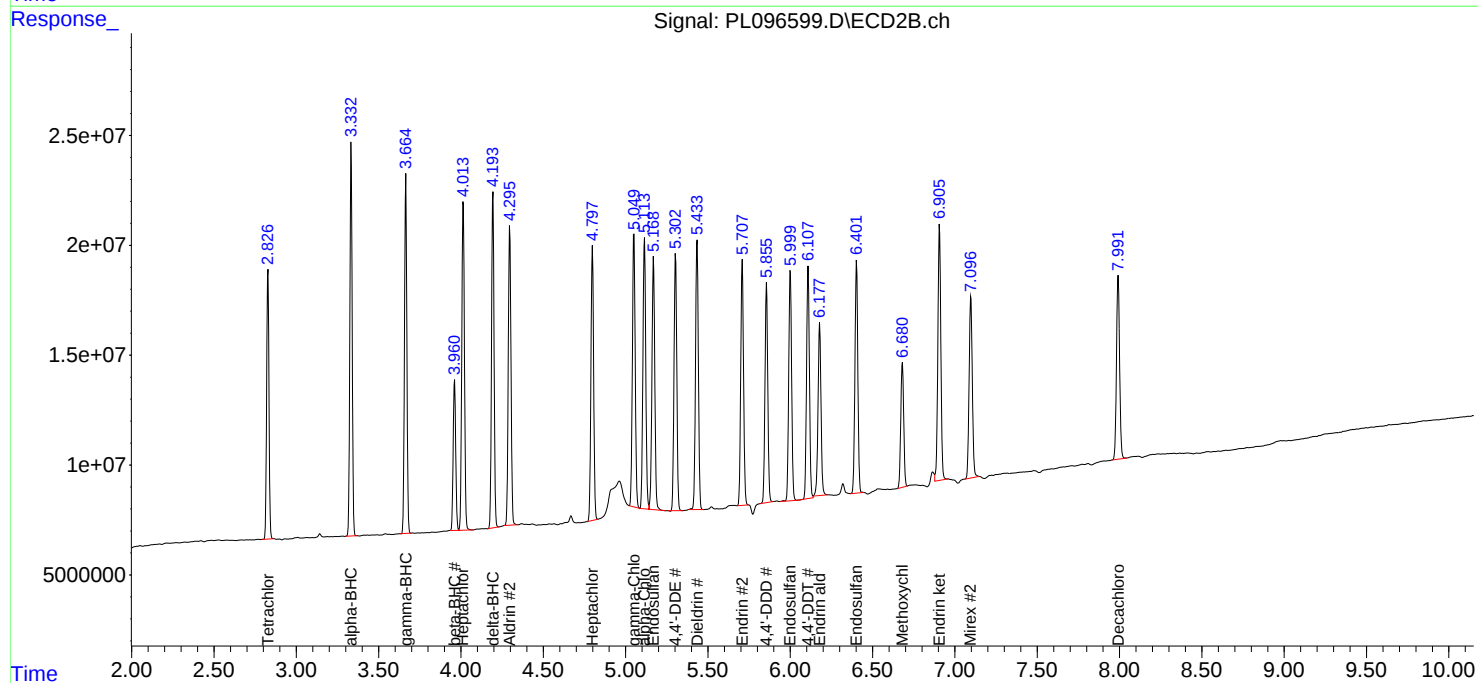
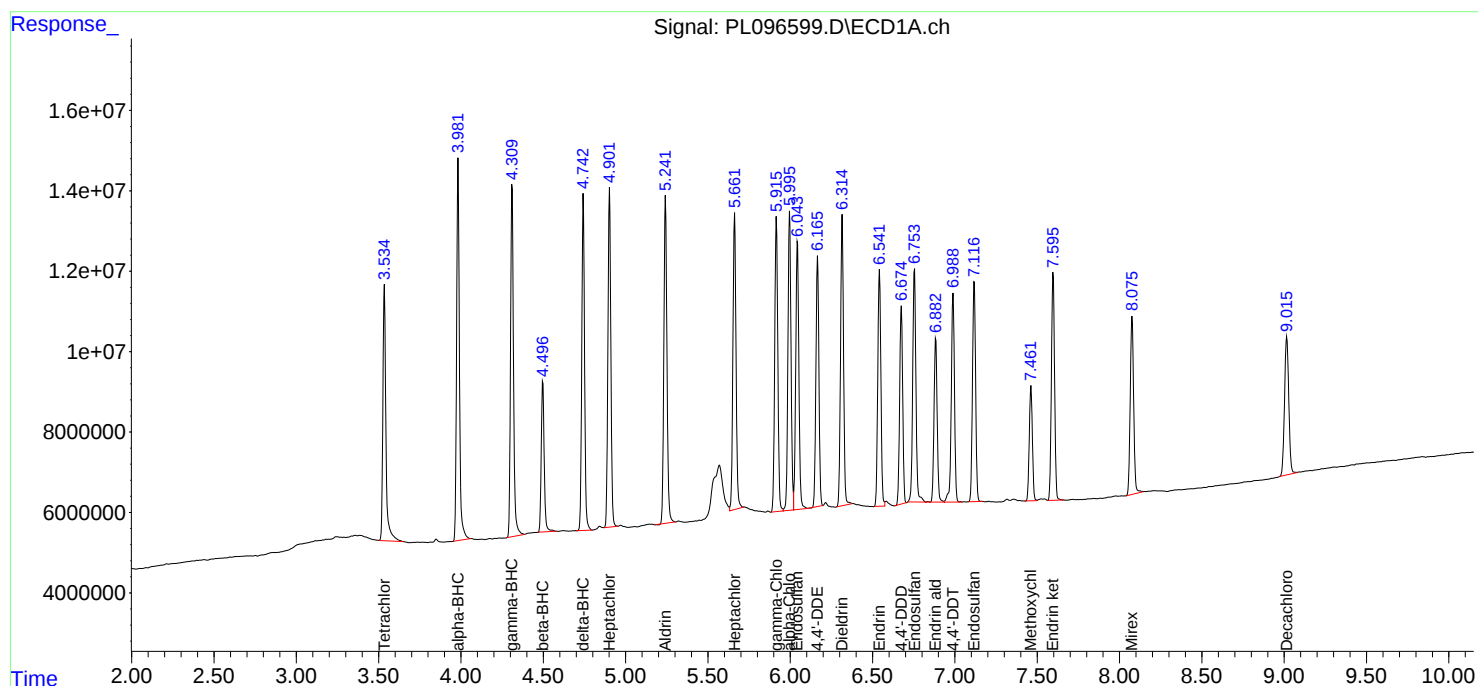
Instrument :
ECD_L
ClientSampleId :
PSTDICC025

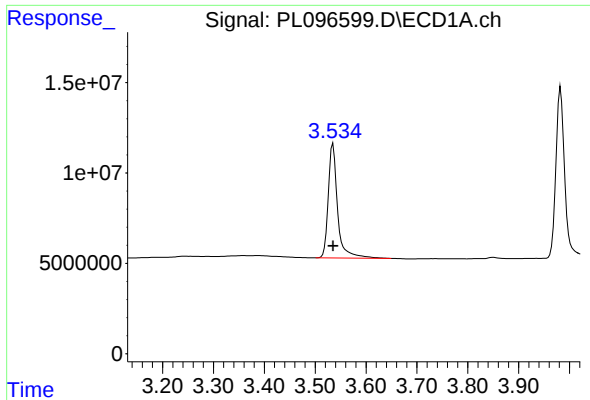
Manual Integrations
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Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 07:45:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 07:36:56 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





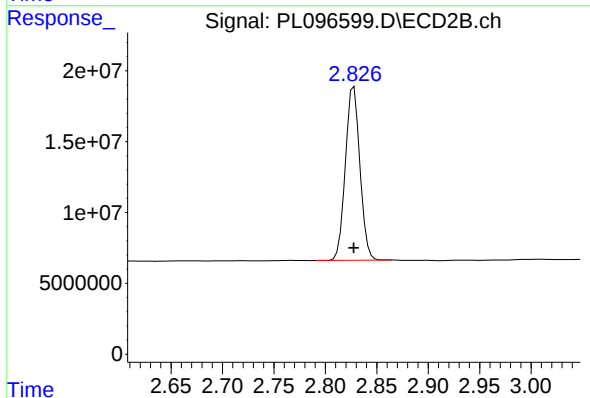
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 80667083
Conc: 25.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

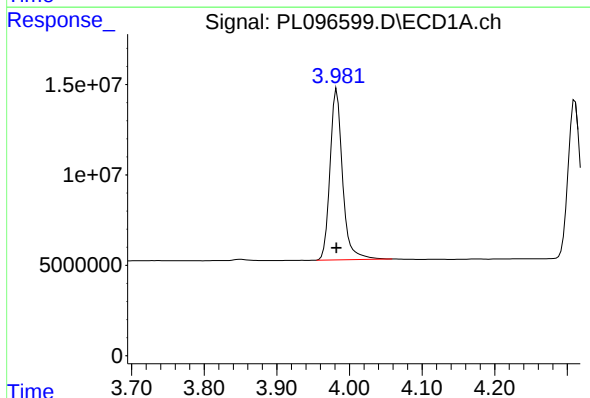
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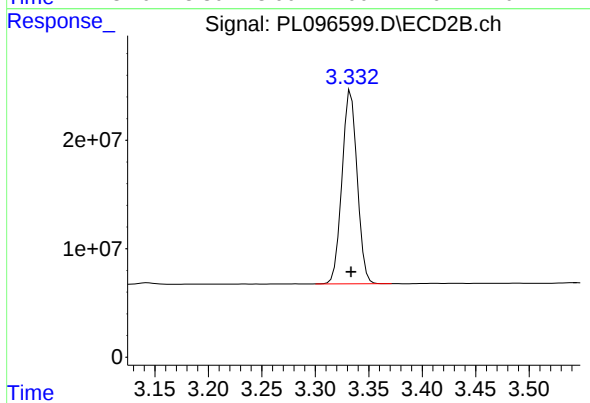
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 120387362
Conc: 25.45 ng/ml



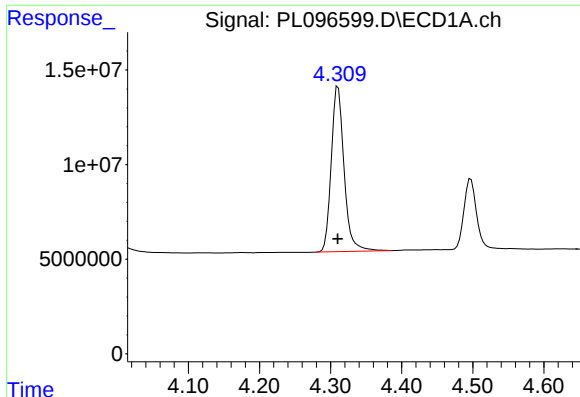
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 113727400
Conc: 24.48 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 176134463
Conc: 24.68 ng/ml



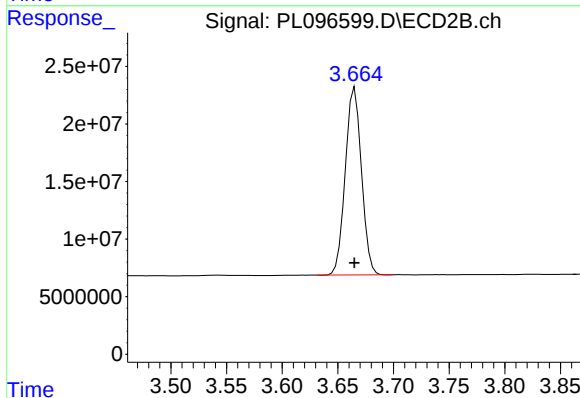
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 109455262
Conc: 24.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

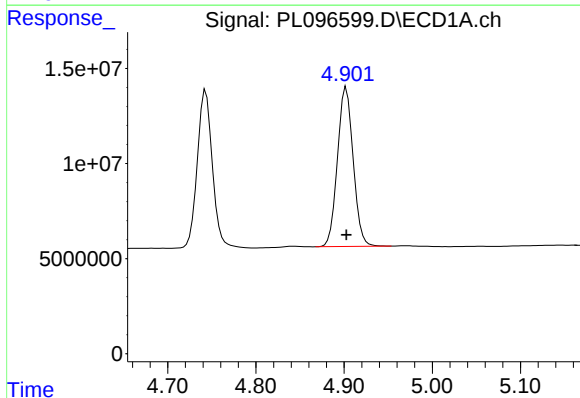
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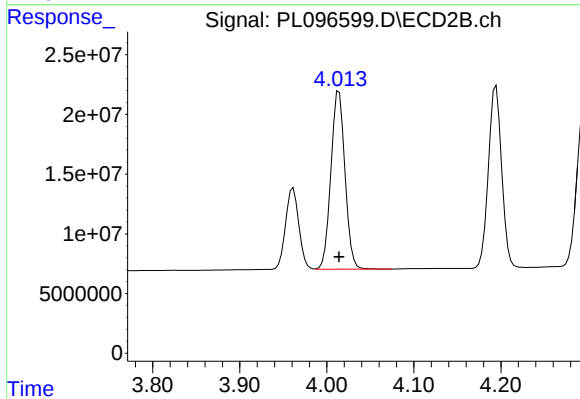
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 164738265
Conc: 24.83 ng/ml



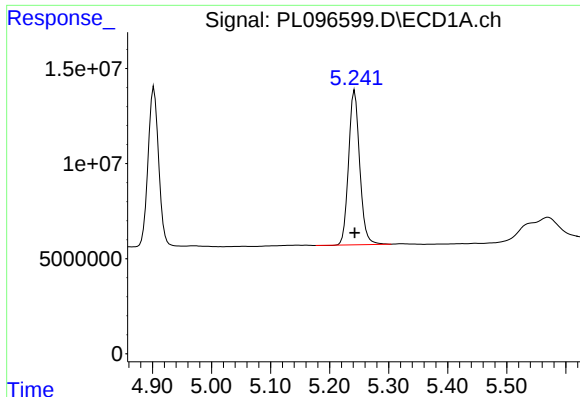
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 103855678
Conc: 25.15 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 167381908
Conc: 25.14 ng/ml



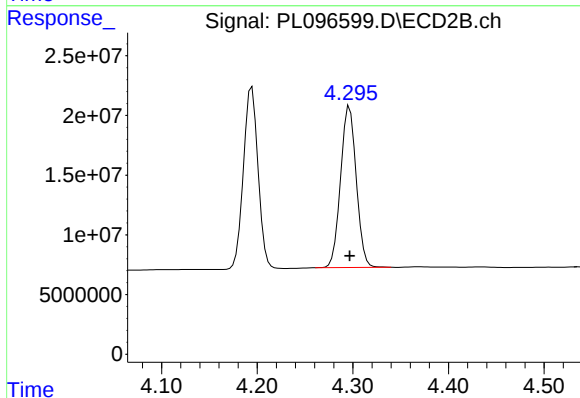
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 106077325
Conc: 24.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

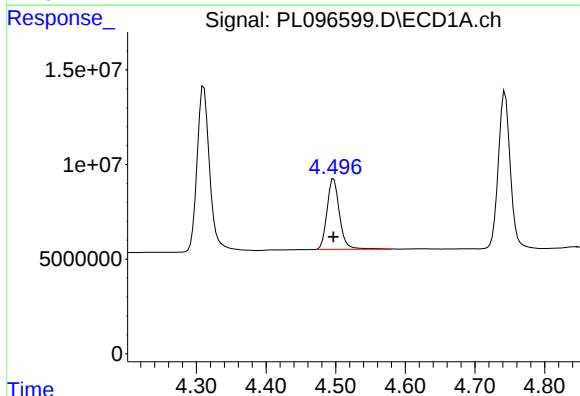
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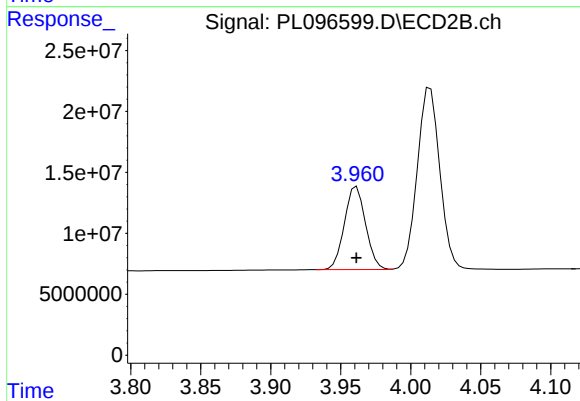
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 154569484
Conc: 24.81 ng/ml



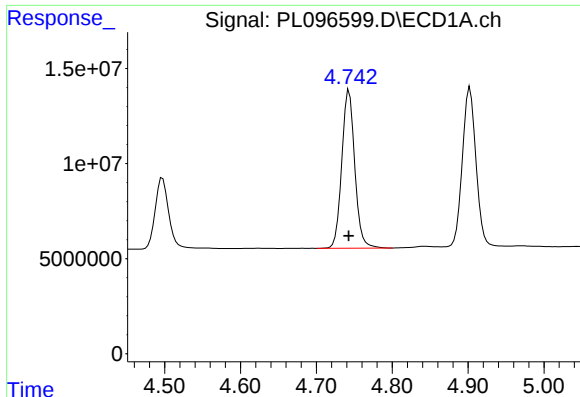
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 46424655
Conc: 26.07 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 71835591
Conc: 25.81 ng/ml



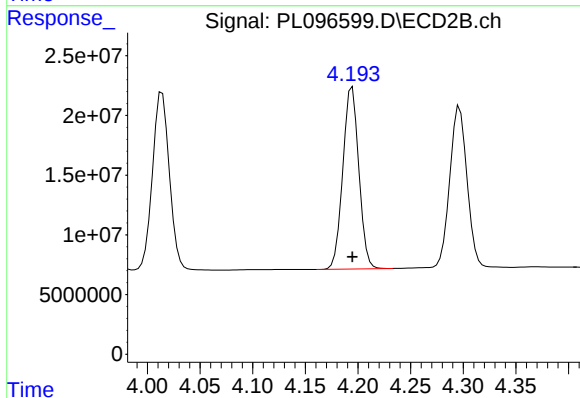
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 98875722
Conc: 24.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

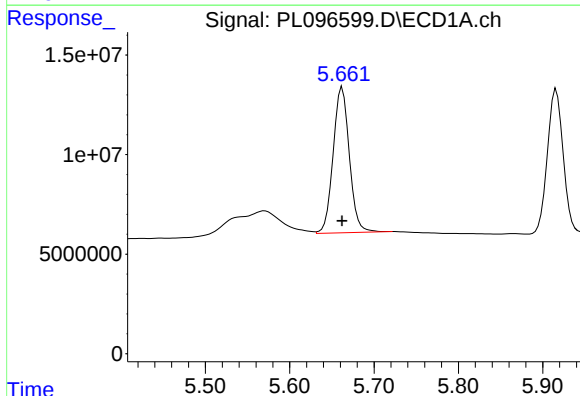
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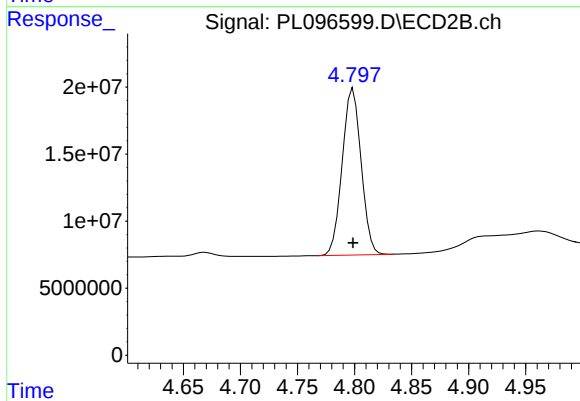
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 161747114
Conc: 24.90 ng/ml



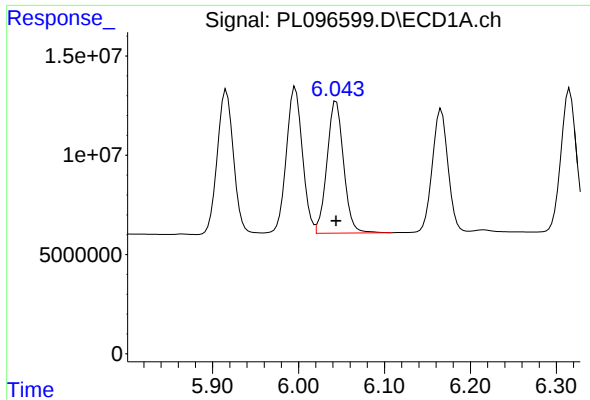
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 97796537
Conc: 25.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 143274077
Conc: 25.14 ng/ml



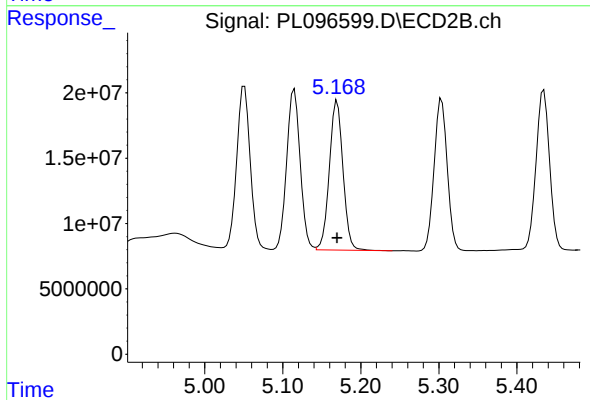
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 89274310
Conc: 25.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

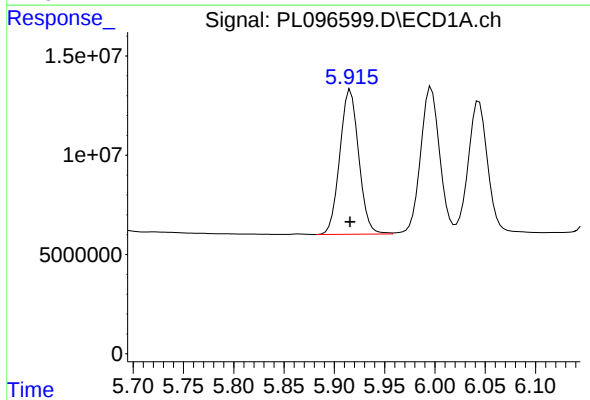
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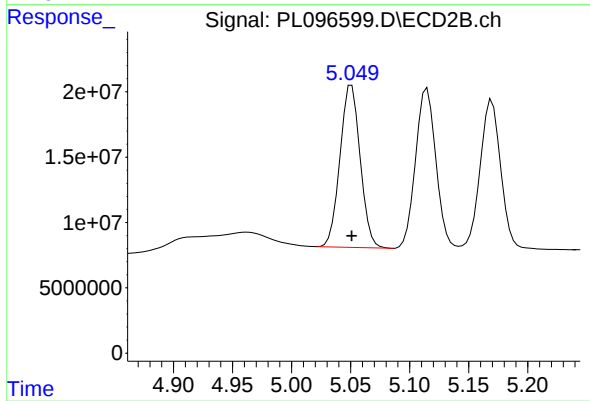
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 138547710
Conc: 25.84 ng/ml



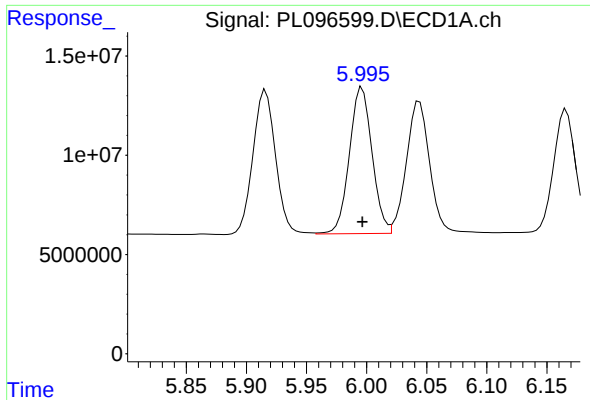
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 95166219
Conc: 25.04 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 147883477
Conc: 25.07 ng/ml



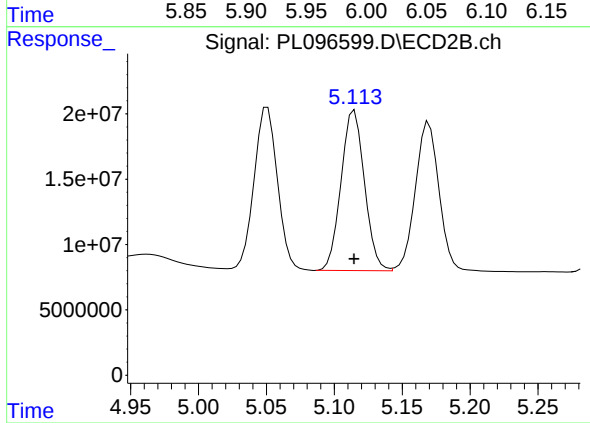
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 96944619
Conc: 25.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

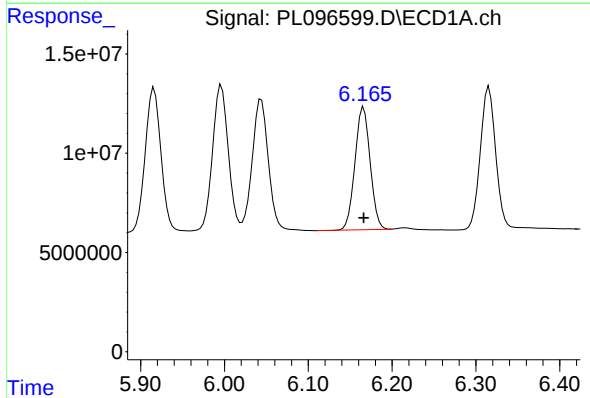
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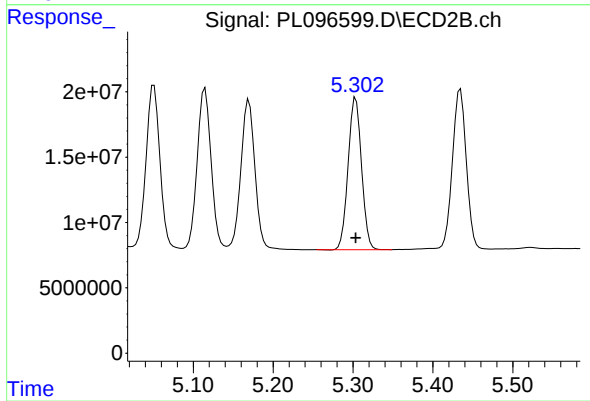
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 147407858
Conc: 25.41 ng/ml



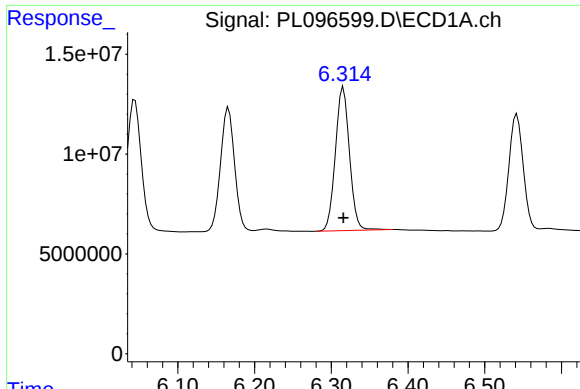
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 77835138
Conc: 24.73 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 135946511
Conc: 24.54 ng/ml



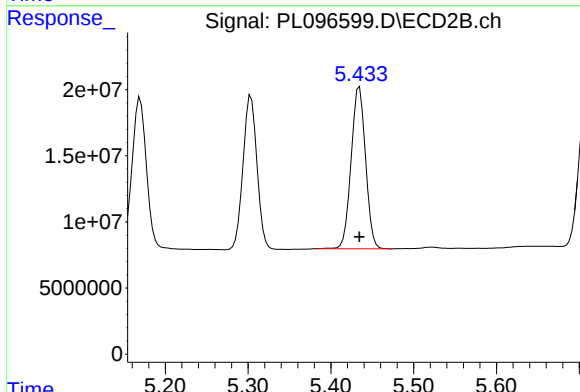
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 91962286
Conc: 24.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

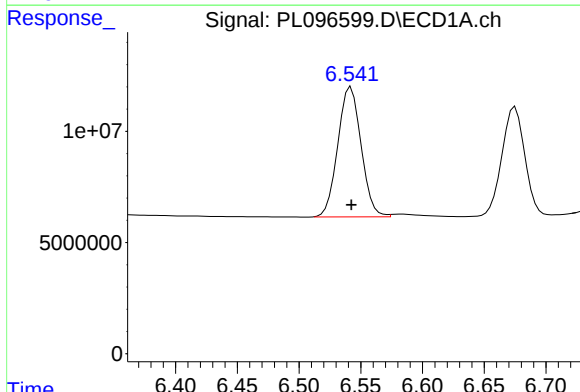
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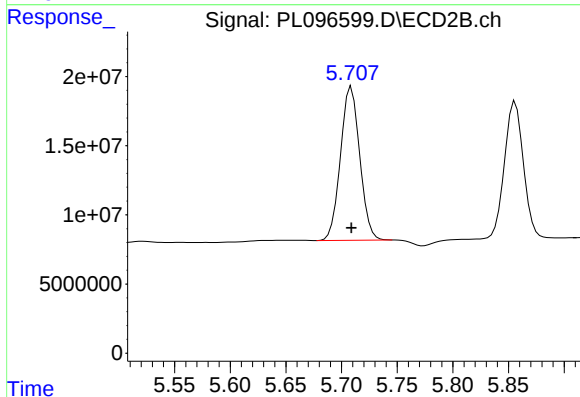
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 148077198
Conc: 25.11 ng/ml



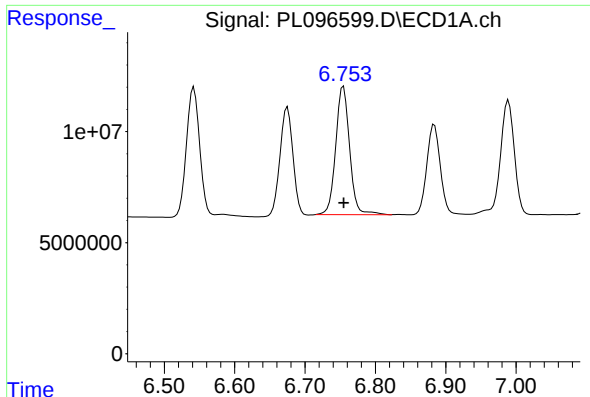
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 76652120
Conc: 25.66 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 133610110
Conc: 24.85 ng/ml



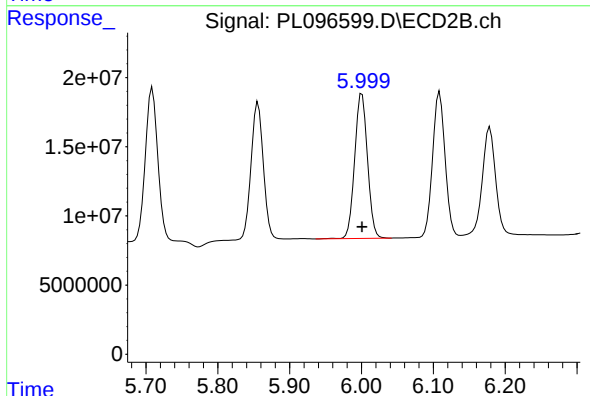
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 79391270
Conc: 26.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

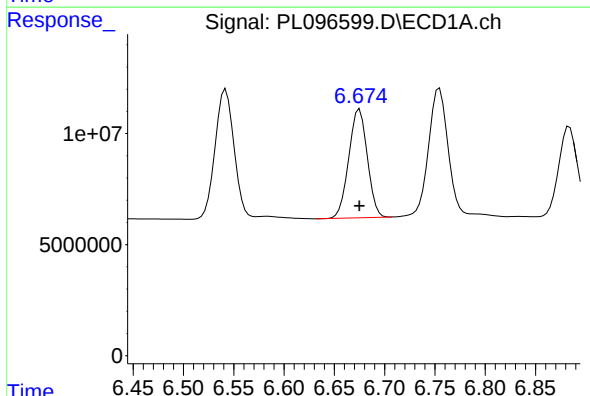
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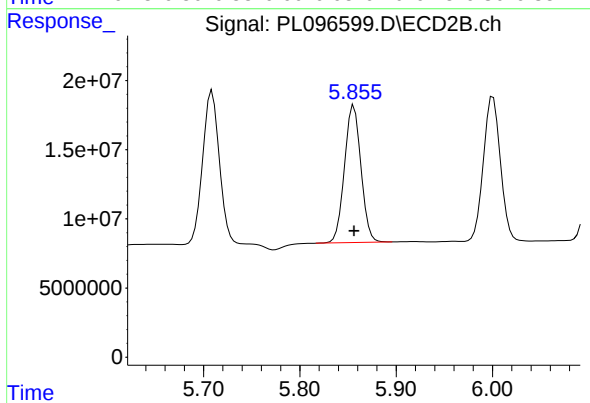
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 129380147
Conc: 25.26 ng/ml



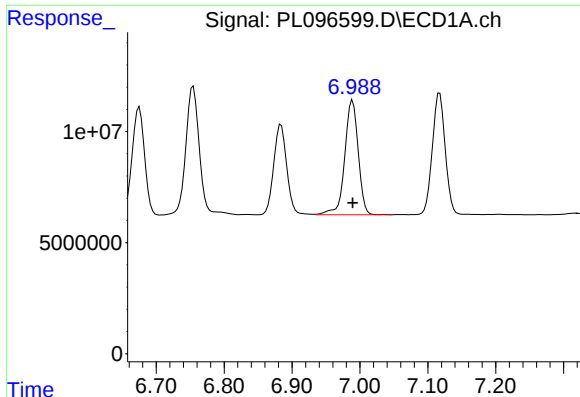
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 62524397
Conc: 24.77 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 117568590
Conc: 25.05 ng/ml



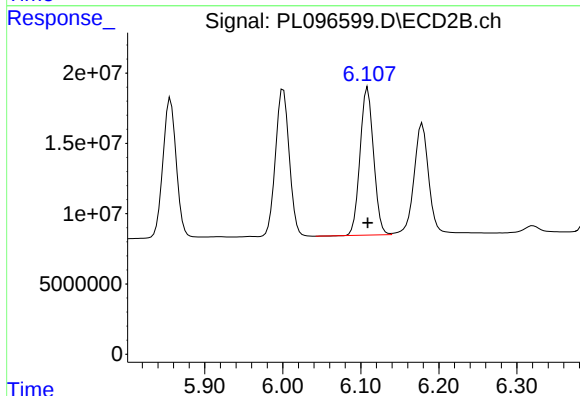
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 70933756
Conc: 24.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

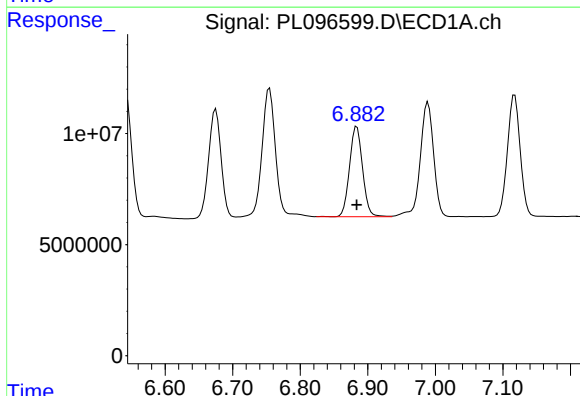
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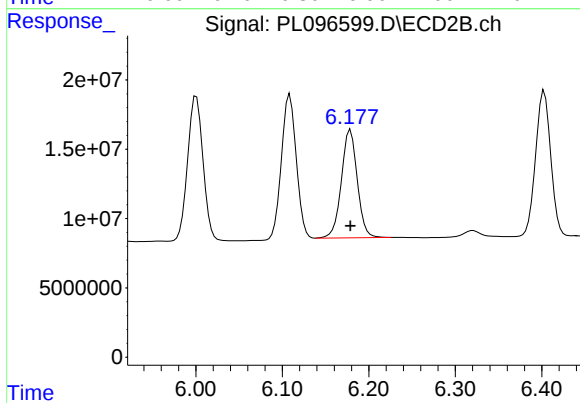
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 126146252
Conc: 24.65 ng/ml



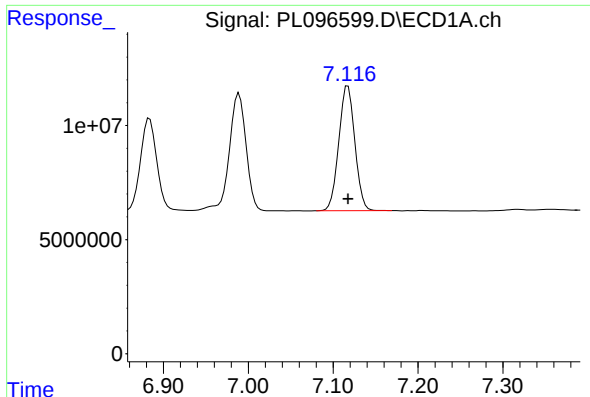
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 54110594
Conc: 25.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.001 min
Response: 98803191
Conc: 26.34 ng/ml m



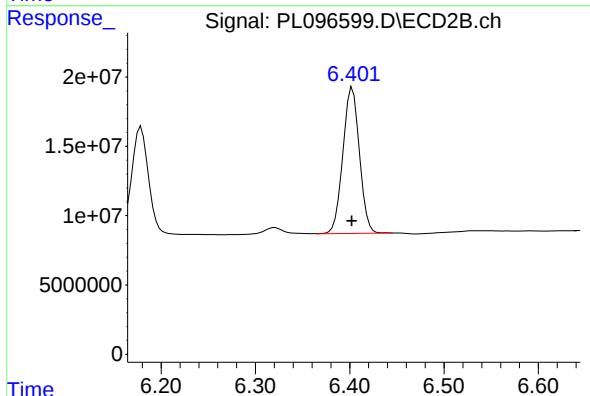
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 71756969
Conc: 25.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

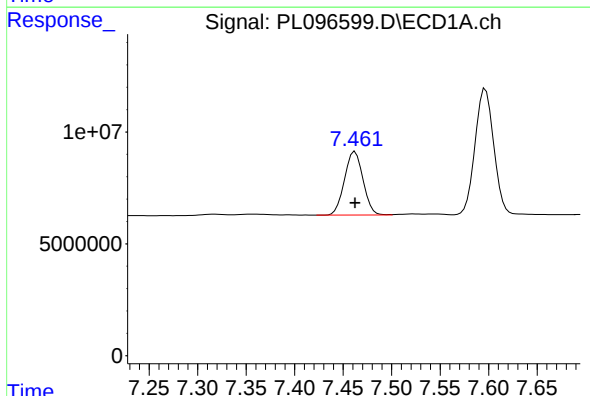
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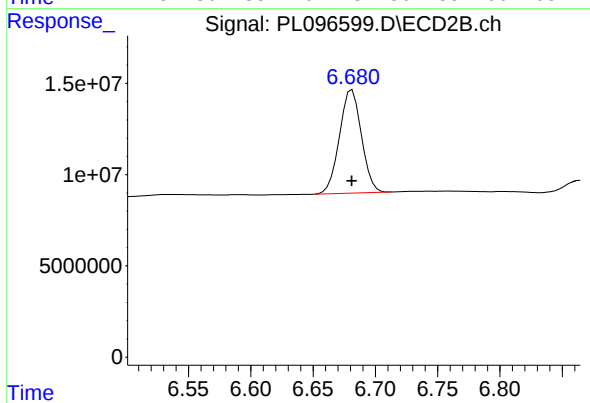
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 128398736
Conc: 25.36 ng/ml



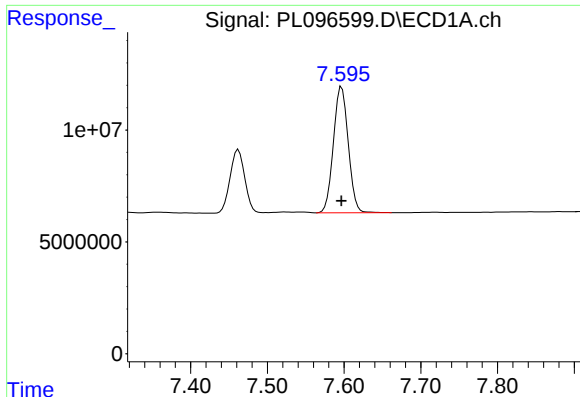
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 37688830
Conc: 25.50 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 69721101
Conc: 25.52 ng/ml



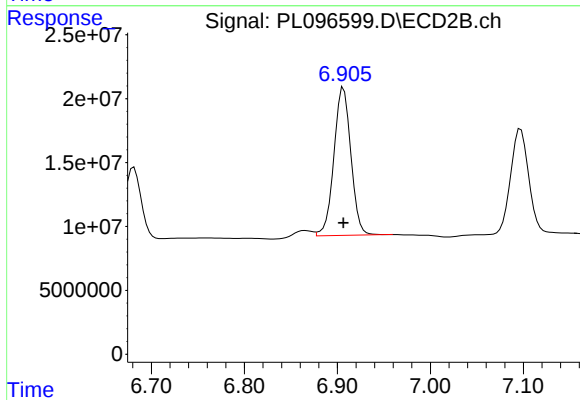
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 75730573
Conc: 25.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

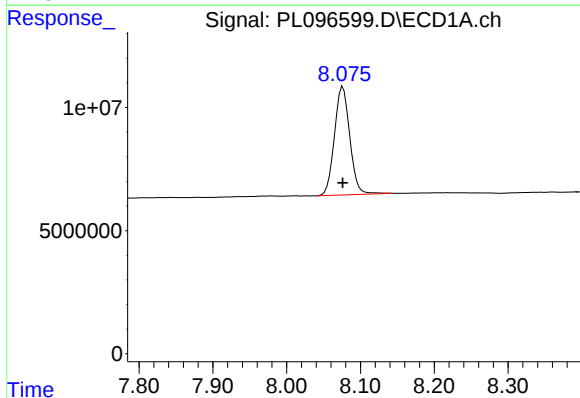
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APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



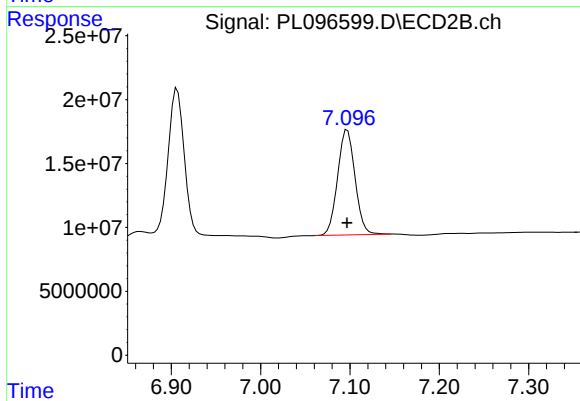
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.001 min
Response: 146914534
Conc: 26.57 ng/ml m



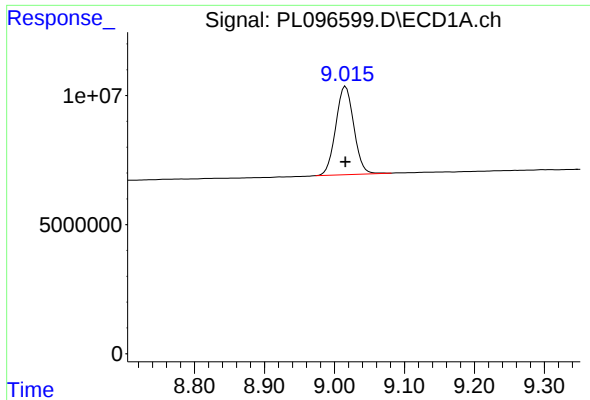
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 63693911
Conc: 26.12 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 111590978
Conc: 26.23 ng/ml



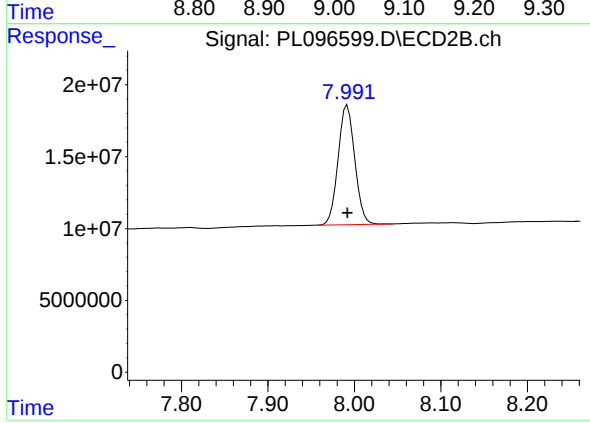
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: 0.000 min
Response: 61253778
Conc: 26.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 110748988
Conc: 26.22 ng/ml