

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
 Data File : PL094705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 11:24
 Operator : AR\AJ
 Sample : Q1566-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CTWK-COMPMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/18/2025
 Supervised By : mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:13:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.537	2.770	68016850	80768469	24.029	22.629
28)	SA Decachlor...	9.052	7.904	53510110	86653905	25.391m	21.452m
Target Compounds							
2)	A alpha-BHC	3.994	3.271	215.8E6	287.0E6	51.975	53.228m
3)	MA gamma-BHC...	4.325	3.602	212.5E6	279.1E6	53.265m	54.297
4)	MA Heptachlor	4.914	3.940	201.2E6	279.0E6	51.833	52.952
5)	MB Aldrin	5.256	4.220	191.4E6	264.7E6	51.833	54.277
6)	B beta-BHC	4.525	3.903	99495951	127.8E6	53.921	57.545
7)	B delta-BHC	4.771	4.131	187.0E6	222.9E6	48.013m	44.570
8)	B Heptachlo...	5.682	4.721	168.1E6	247.6E6	50.249m	54.069m
9)	A Endosulfan I	6.068	5.091	157.0E6	214.6E6	51.148	48.890m
10)	B gamma-Chl...	5.939	4.971	180.8E6	259.5E6	53.670	53.746m
11)	B alpha-Chl...	6.018	5.034	169.2E6	253.3E6	51.330	53.075m
12)	B 4,4'-DDE	6.192	5.223	136.5E6	250.8E6	46.407	53.962m
13)	MA Dieldrin	6.344	5.355	169.1E6	266.2E6	52.873	54.858m
14)	MA Endrin	6.572	5.630	145.9E6	239.6E6	52.621m	54.913m
15)	B Endosulfa...	6.794	5.926	148.0E6	230.9E6	54.519	53.346m
16)	A 4,4'-DDD	6.709	5.778	129.1E6	204.2E6	59.607	56.796m
17)	MA 4,4'-DDT	7.024	6.030	143.0E6	225.8E6	60.101	55.988
18)	B Endrin al...	6.924	6.105	111.7E6	177.2E6	52.915	52.641m
19)	B Endosulfa...	7.158	6.329	131.5E6	246.5E6	54.084	60.520
20)	A Methoxychlor	7.499	6.605	69100979	124.2E6	57.725	58.563
21)	B Endrin ke...	7.642	6.832	155.9E6	248.7E6	58.996m	52.118m
22)	Mirex	8.116	7.014	108.7E6	220.5E6	52.629	58.099

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
Data File : PL094705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2025 11:24
Operator : AR\AJ
Sample : Q1566-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

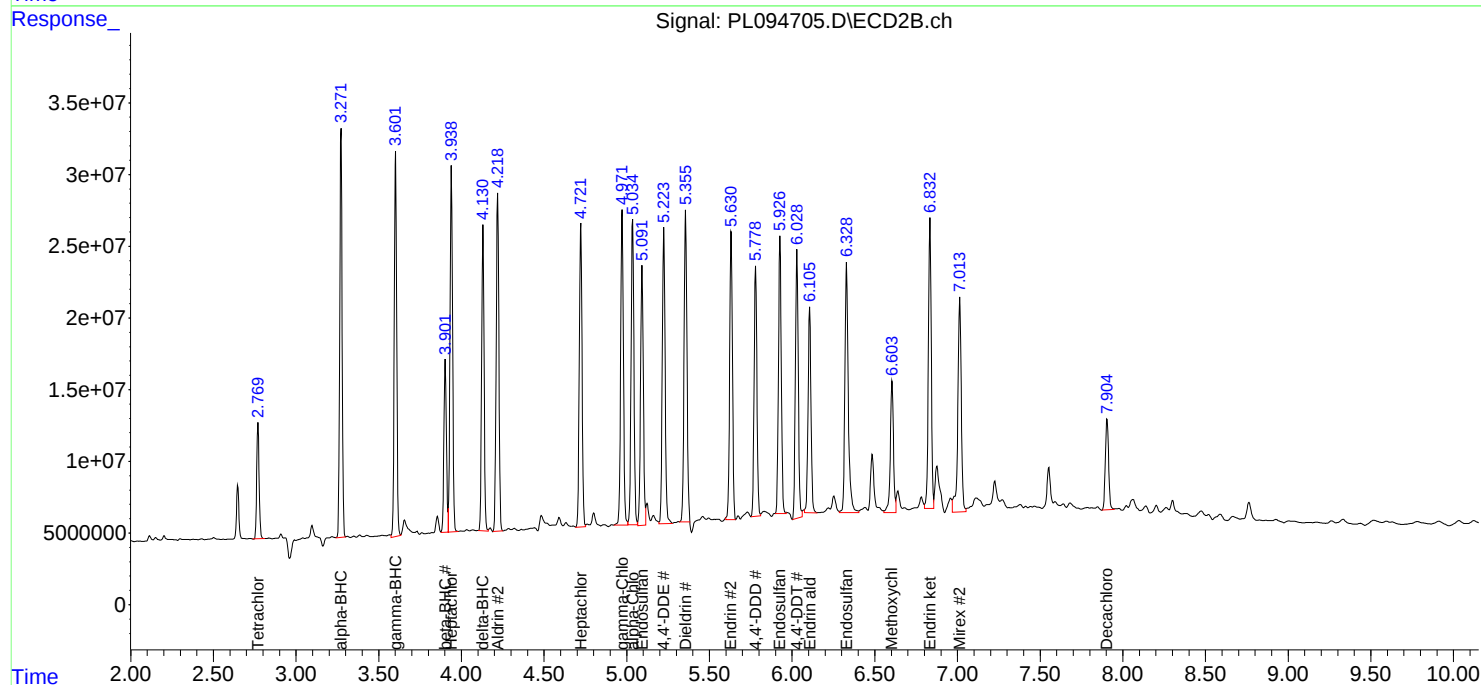
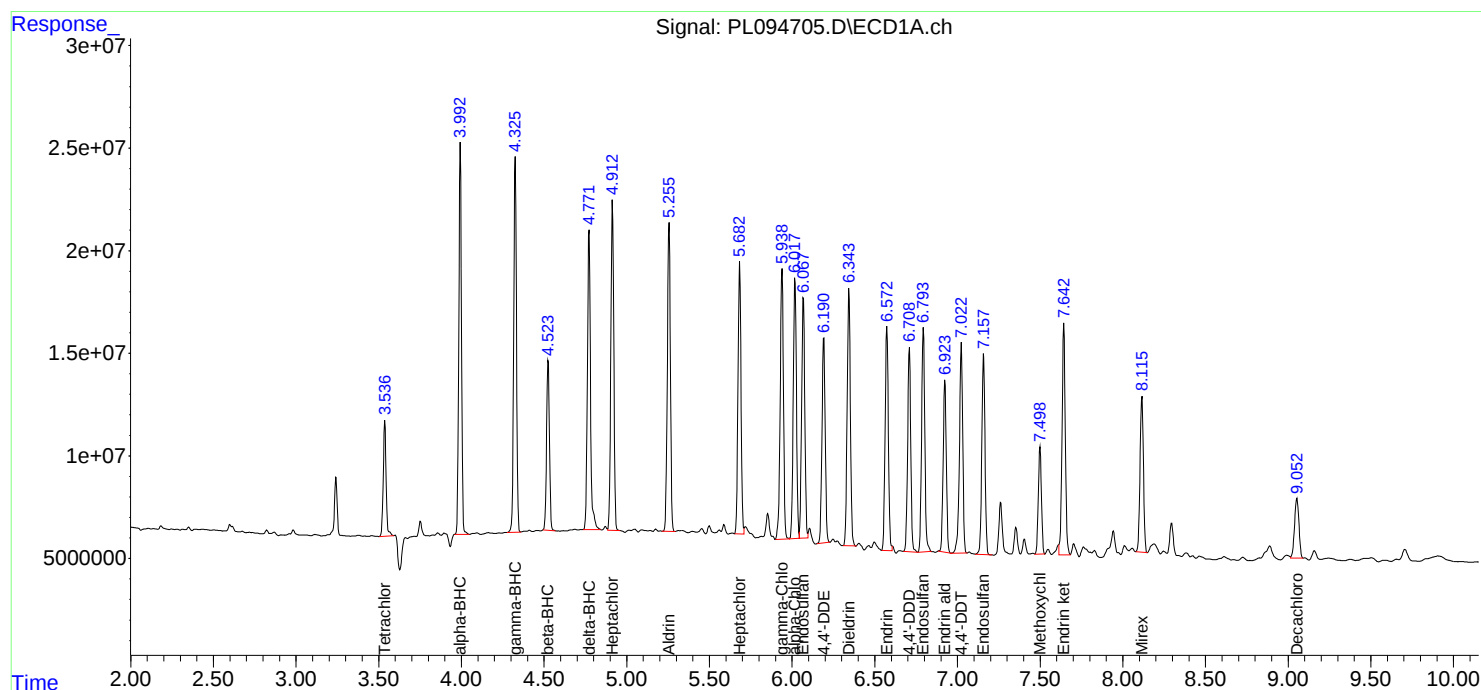
Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

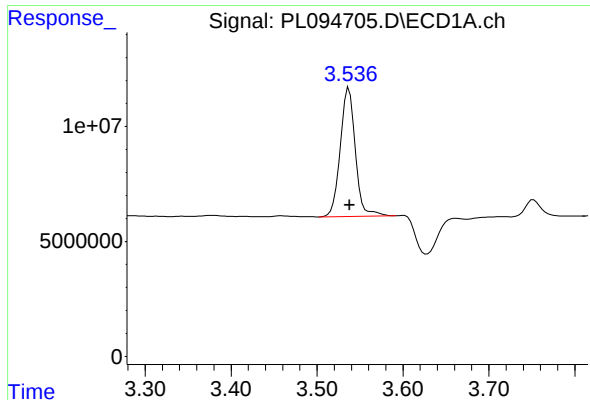
Manual Integrations
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Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:13:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





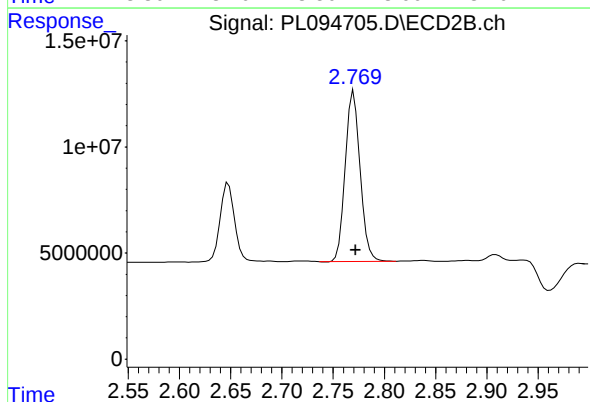
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 68016850
Conc: 24.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

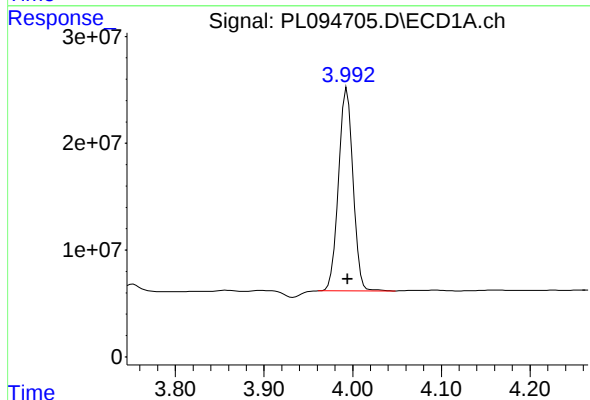
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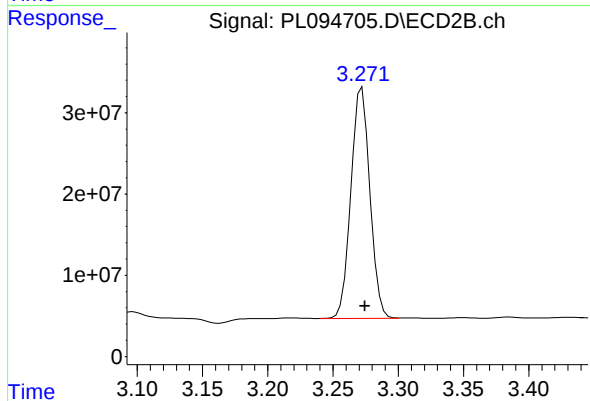
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 80768469
Conc: 22.63 ng/ml



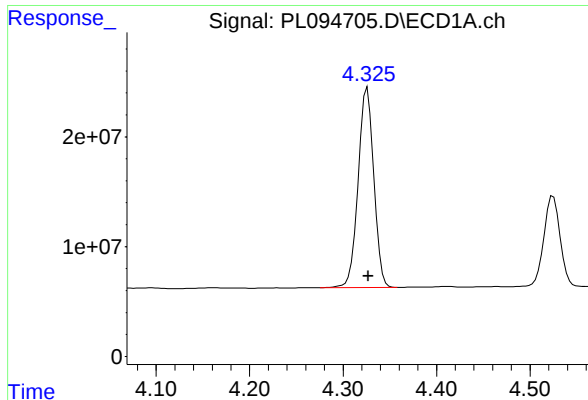
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 215817951
Conc: 51.97 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 286973951
Conc: 53.23 ng/ml m



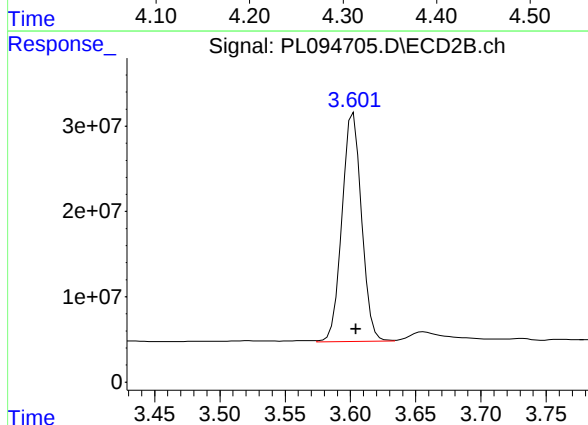
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 212541497
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

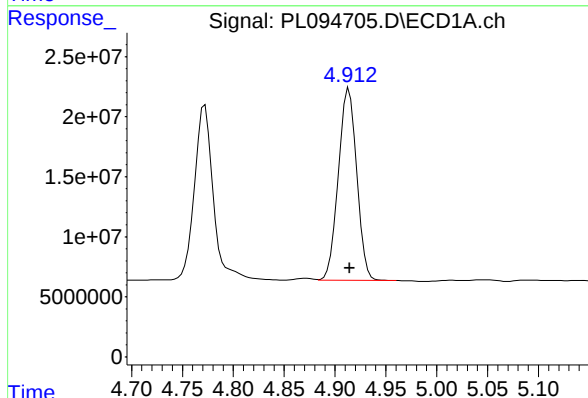
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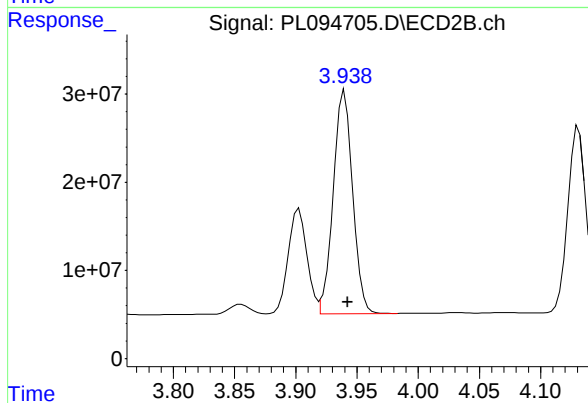
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 279054614
Conc: 54.30 ng/ml



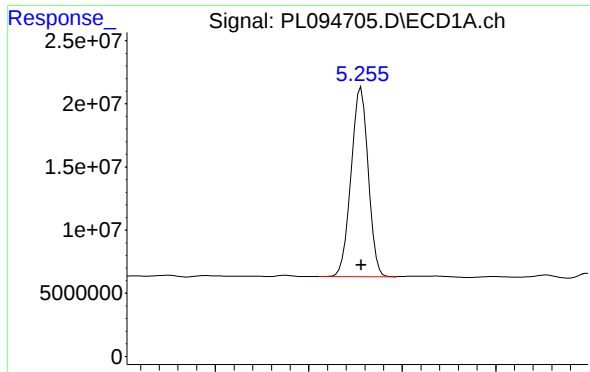
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 201198126
Conc: 51.83 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 278986508
Conc: 52.95 ng/ml



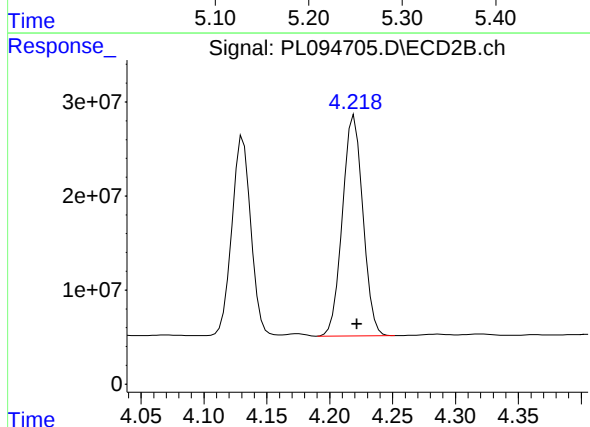
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 191380369
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

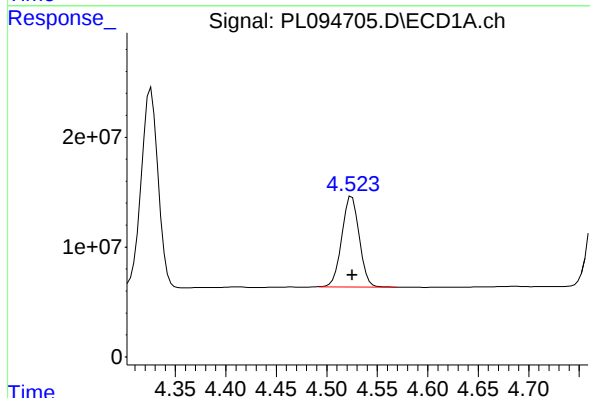
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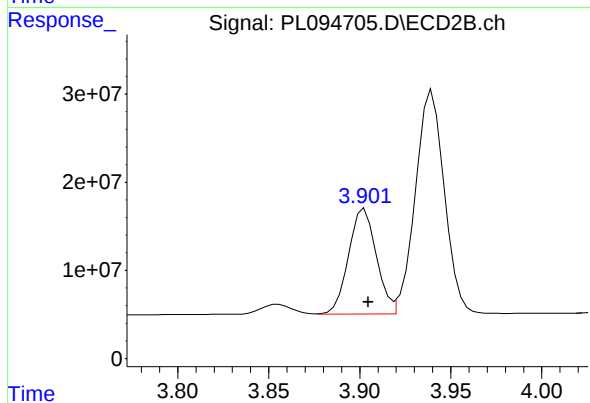
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 264671482
Conc: 54.28 ng/ml



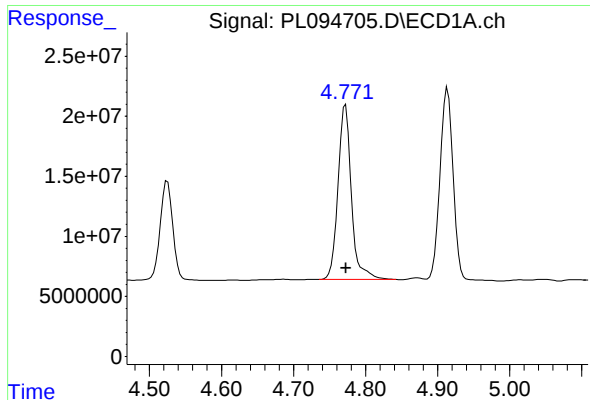
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 99495951
Conc: 53.92 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 127824349
Conc: 57.55 ng/ml



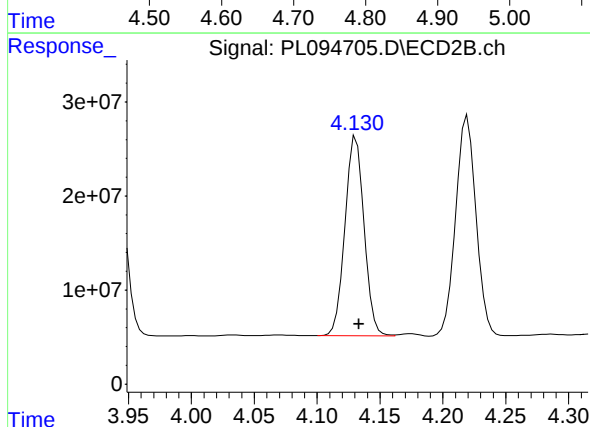
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 186978840
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

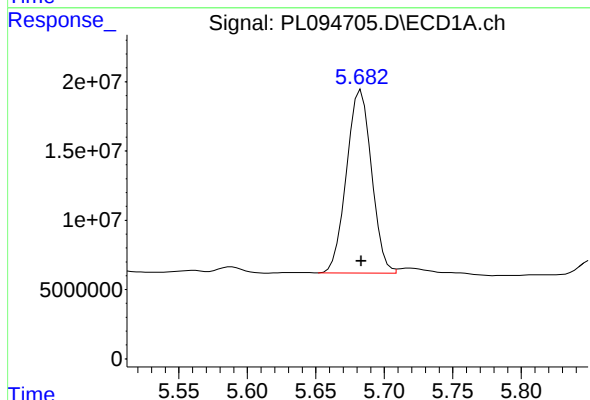
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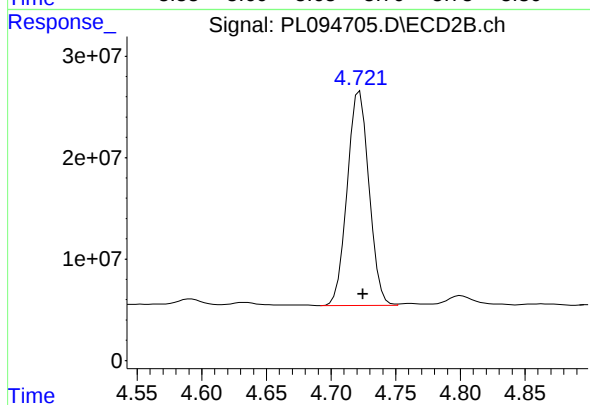
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 222936187
Conc: 44.57 ng/ml



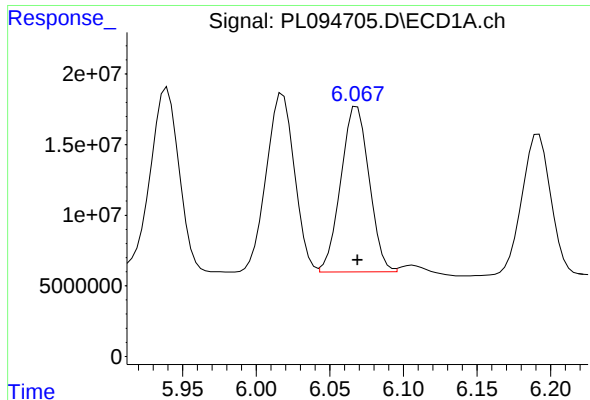
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 168091424
Conc: 50.25 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 247560521
Conc: 54.07 ng/ml m



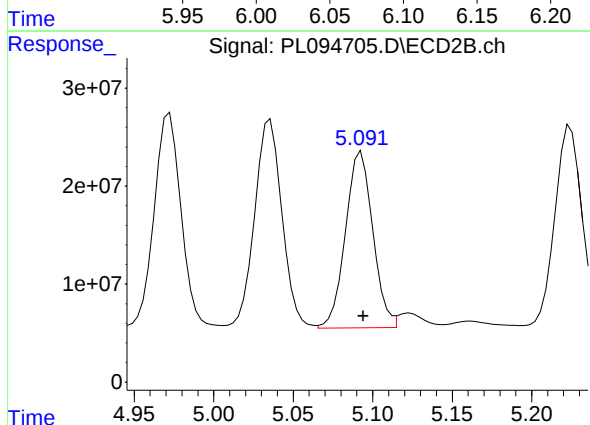
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 157035361
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

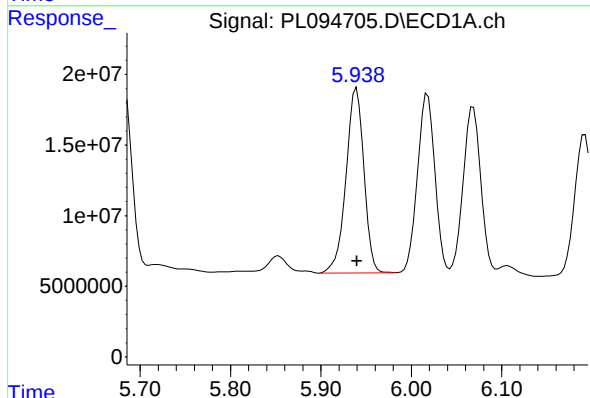
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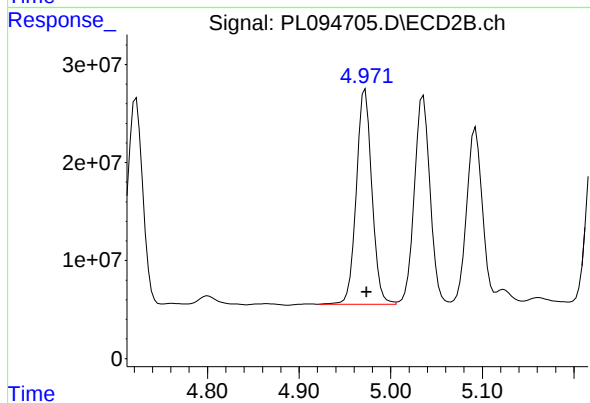
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 214566090
Conc: 48.89 ng/ml m



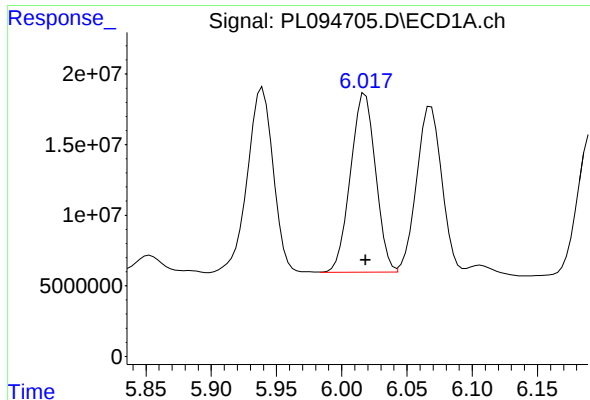
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 180833634
Conc: 53.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 259508000
Conc: 53.75 ng/ml m



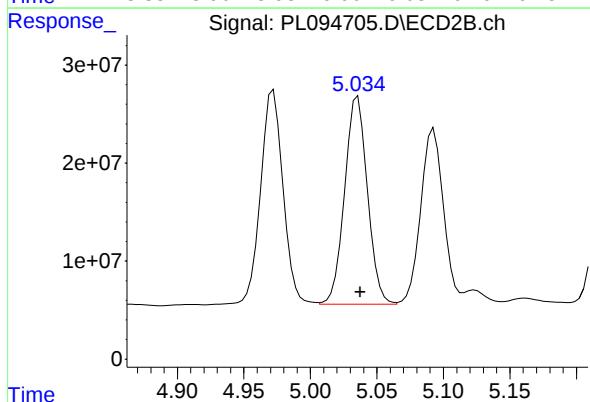
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 169225731
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

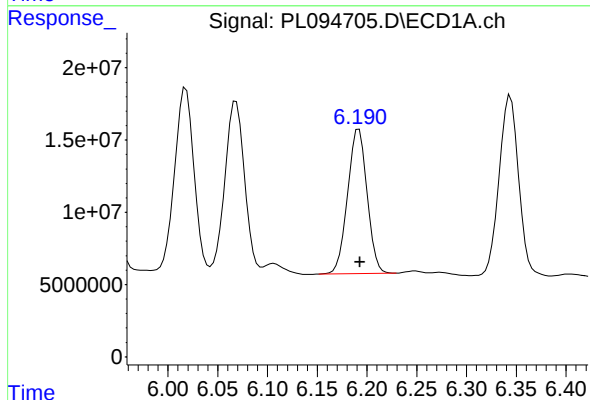
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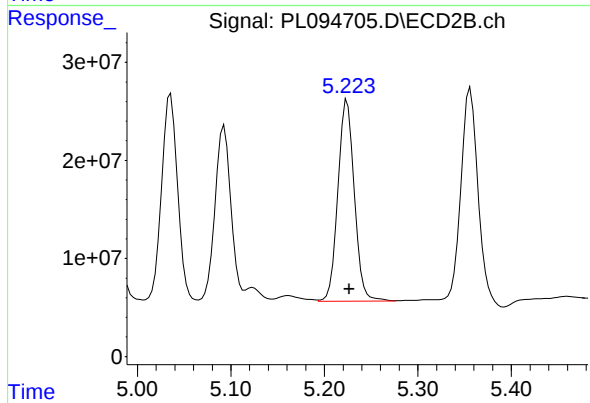
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 253314688
Conc: 53.07 ng/ml



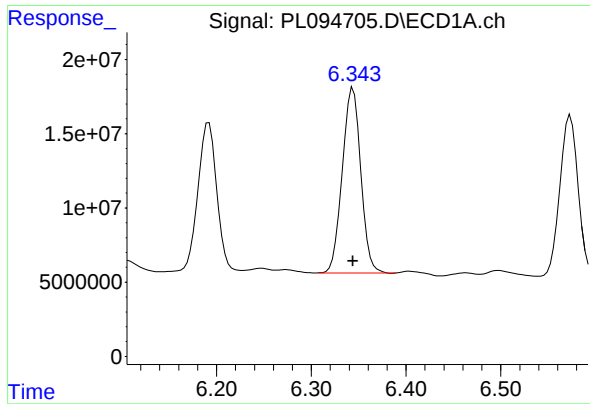
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 136530860
Conc: 46.41 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 250845740
Conc: 53.96 ng/ml



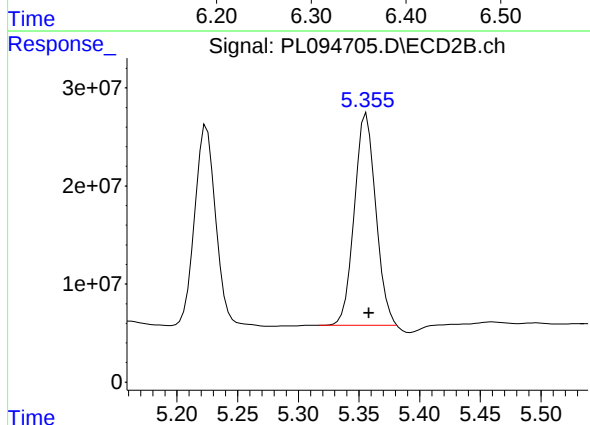
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 169095309
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
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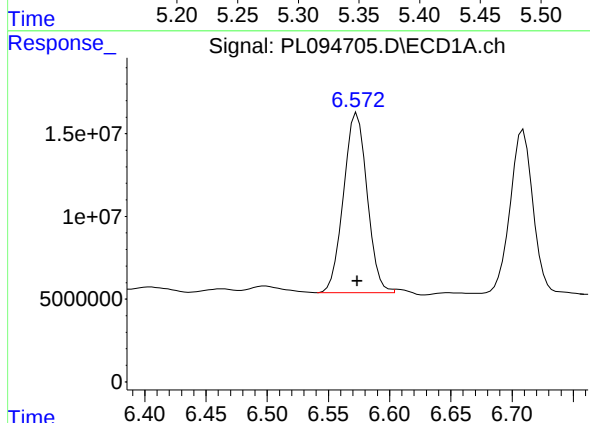
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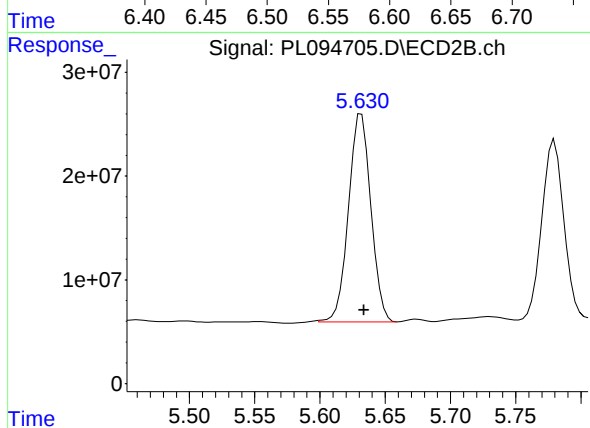
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 266161489
Conc: 54.86 ng/ml



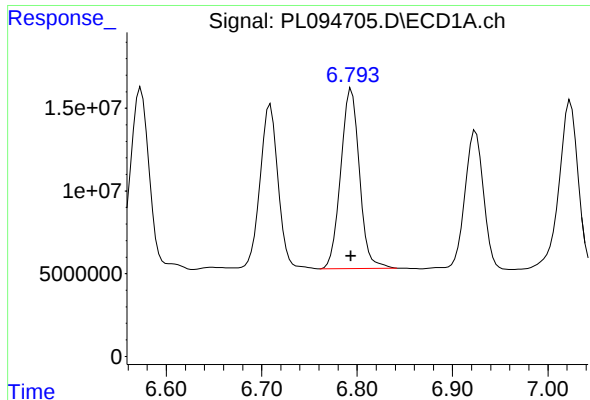
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 145870216
Conc: 52.62 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 239619245
Conc: 54.91 ng/ml



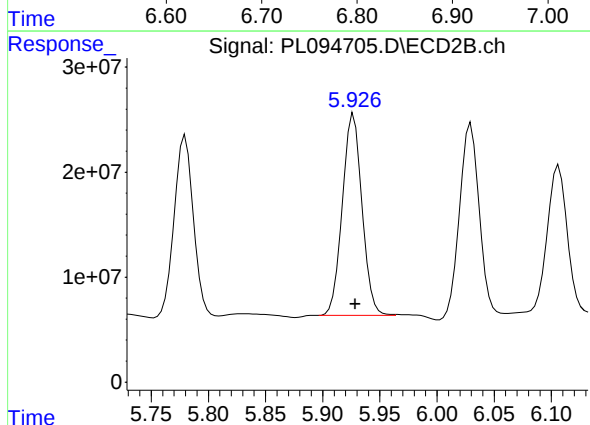
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 148004303
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

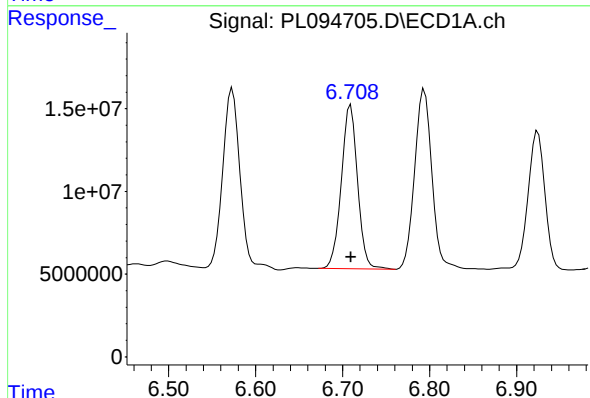
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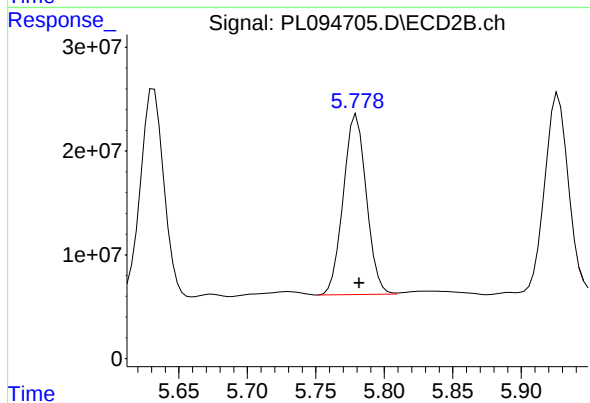
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 230895094
Conc: 53.35 ng/ml m



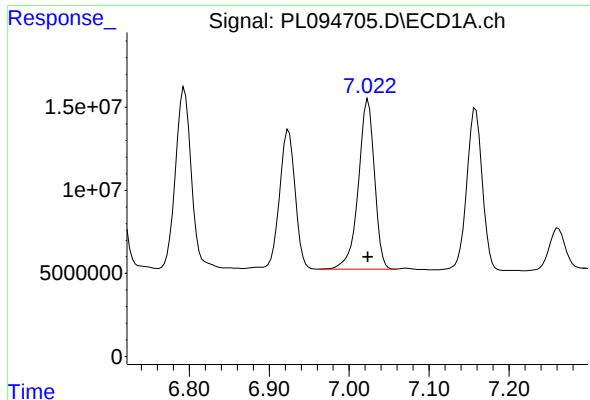
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 129112971
Conc: 59.61 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 204232206
Conc: 56.80 ng/ml m



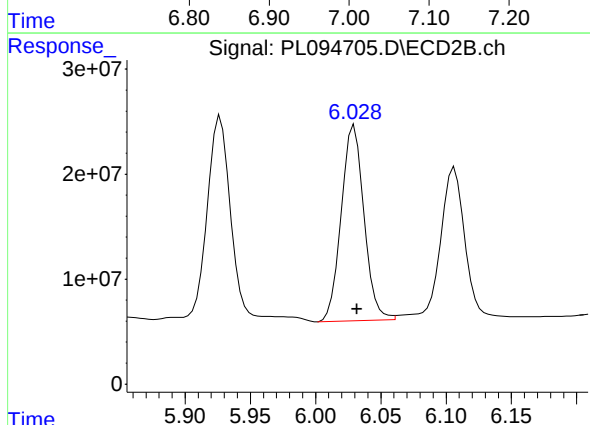
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 142952648
Conc: 60.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

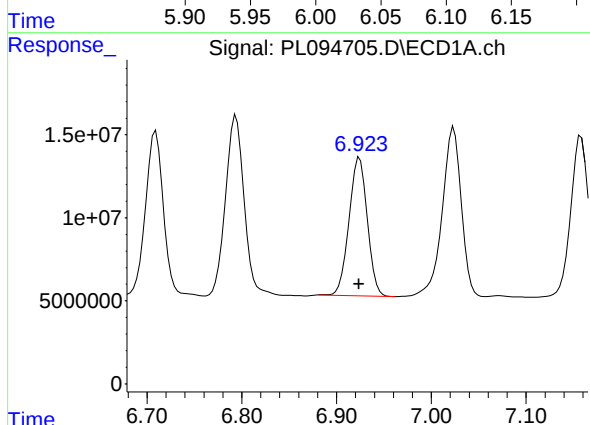
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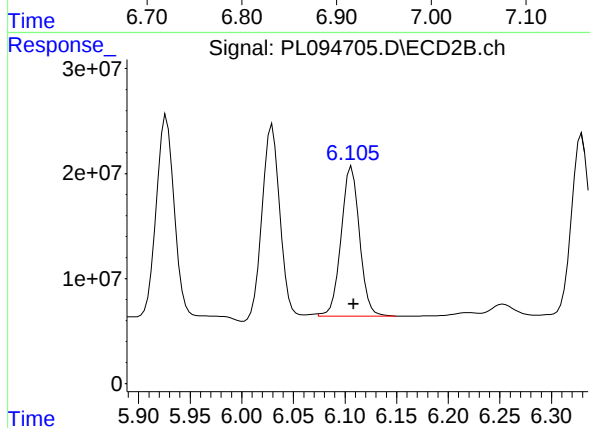
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 225750615
Conc: 55.99 ng/ml



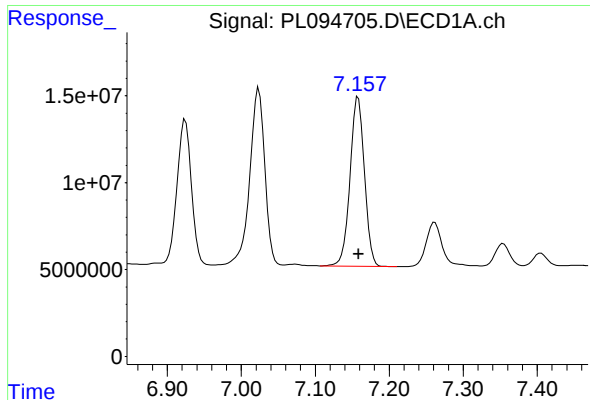
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 111702414
Conc: 52.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 177155739
Conc: 52.64 ng/ml m



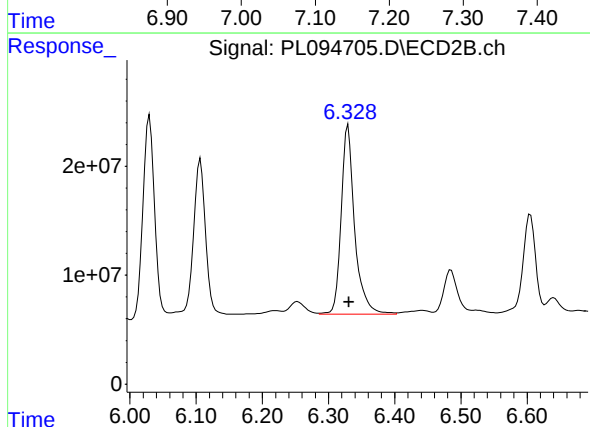
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 131534147
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

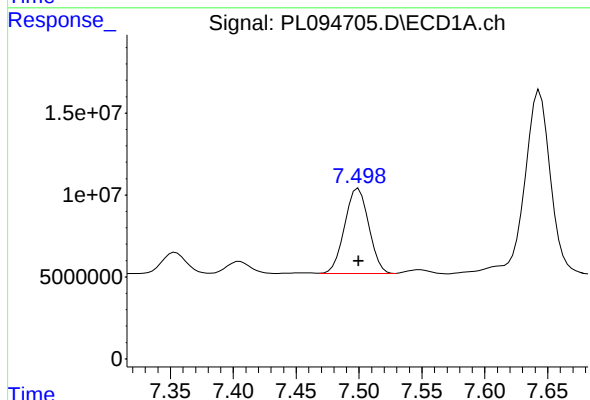
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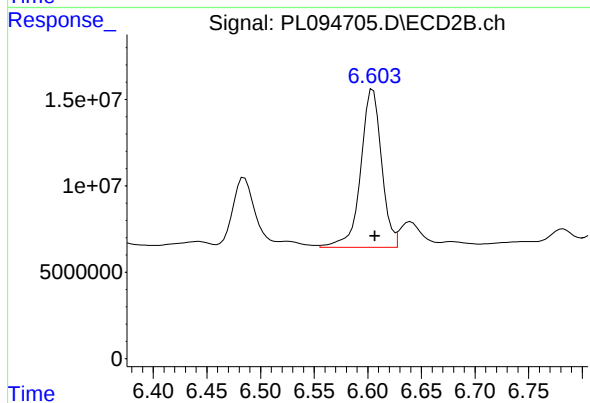
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 246526236
Conc: 60.52 ng/ml



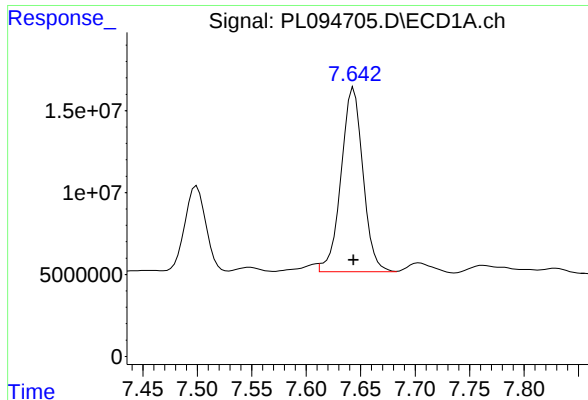
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 69100979
Conc: 57.72 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 124216772
Conc: 58.56 ng/ml



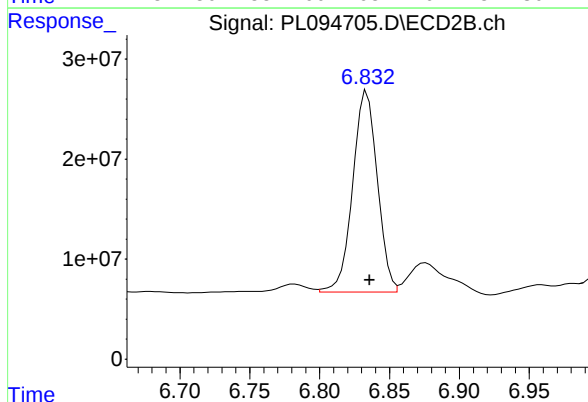
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.001 min
Response: 155941698
Conc: 59.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

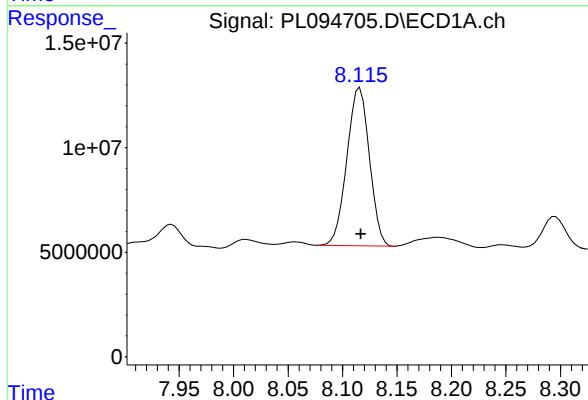
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



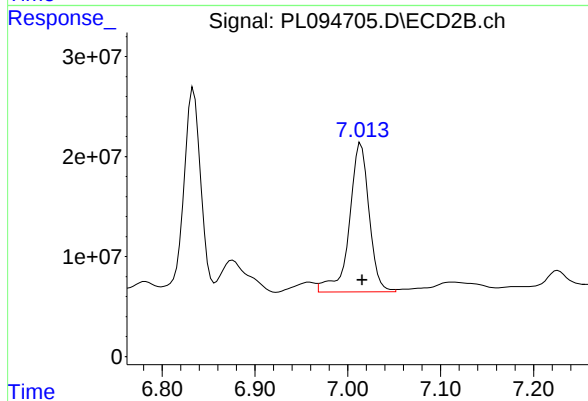
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 248737599
Conc: 52.12 ng/ml m



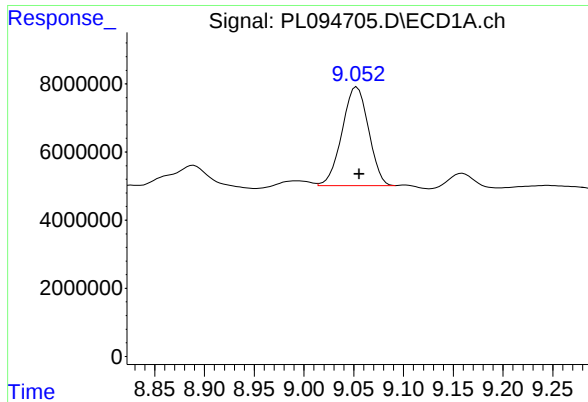
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 108746694
Conc: 52.63 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 220504430
Conc: 58.10 ng/ml



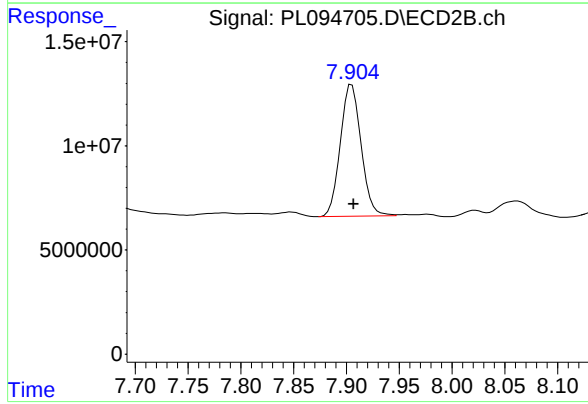
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 53510110
Conc: 25.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 86653905
Conc: 21.45 ng/ml m