

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
 Data File : PL096407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 17:03
 Operator : AR\AJ
 Sample : Q2600-05MSDRE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 STOCK-PILEMSDRE

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:44:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.536	2.829	55481975	83724642	15.205m	14.507
28)	SA Decachlor...	9.021	7.995	37972192	53278919	13.499	10.685
Target Compounds							
2)	A alpha-BHC	3.985	3.335	232.7E6	328.4E6	45.243	38.937
3)	MA gamma-BHC...	4.314	3.667	213.8E6	292.3E6	42.940	37.115
4)	MA Heptachlor	4.905	4.016	196.5E6	278.9E6	42.894m	36.664
5)	MB Aldrin	5.246	4.299	197.0E6	251.9E6	40.758	34.523
6)	B beta-BHC	4.500	3.963	87801644	117.4E6	42.237	34.282
7)	B delta-BHC	4.746	4.196	197.6E6	270.5E6	44.087	35.117
8)	B Heptachlo...	5.666	4.802	173.6E6	221.8E6	41.829	33.179
9)	A Endosulfan I	6.046	5.173	148.3E6	199.0E6	36.730m	27.745
10)	B gamma-Chl...	5.918	5.054	168.8E6	228.7E6	38.156m	32.574
11)	B alpha-Chl...	6.000	5.118	166.3E6	216.1E6	37.984	28.737
12)	B 4,4'-DDE	6.170	5.306	141.0E6	201.7E6	38.022	31.204
13)	MA Dieldrin	6.320	5.437	160.2E6	214.1E6	37.897	31.403
14)	MA Endrin	6.546	5.712	134.3E6	189.5E6	43.192	31.080 #
15)	B Endosulfa...	6.759	6.004	134.9E6	188.3E6	38.880	32.120
16)	A 4,4'-DDD	6.679	5.859	131.5E6	161.6E6	45.152	31.503 #
17)	MA 4,4'-DDT	6.993	6.112	122.3E6	183.2E6	40.293	31.940
18)	B Endrin al...	6.887	6.182	102.1E6	154.1E6	45.684	34.602
19)	B Endosulfa...	7.121	6.405	128.7E6	182.2E6	42.084	32.398
20)	A Methoxychlor	7.465	6.684	69587824	96475982	44.172	31.759 #
21)	B Endrin ke...	7.600	6.909	143.5E6	189.8E6	43.449	30.359 #
22)	Mirex	8.081	7.101	120.3E6	148.9E6	43.244	29.962 #

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

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Data File : PL096407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 17:03
Operator : AR\AJ
Sample : Q2600-05MSDRE
Misc :
ALS Vial : 15 Sample Multiplier: 1

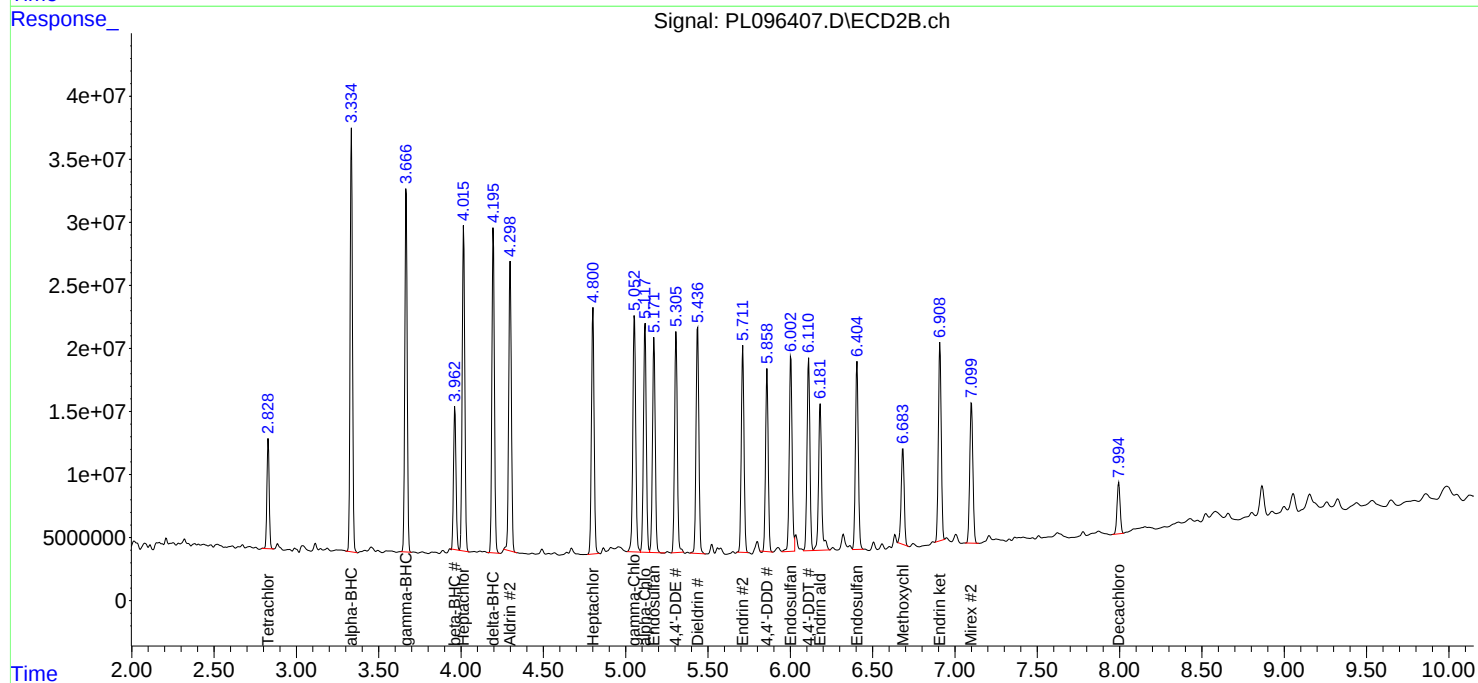
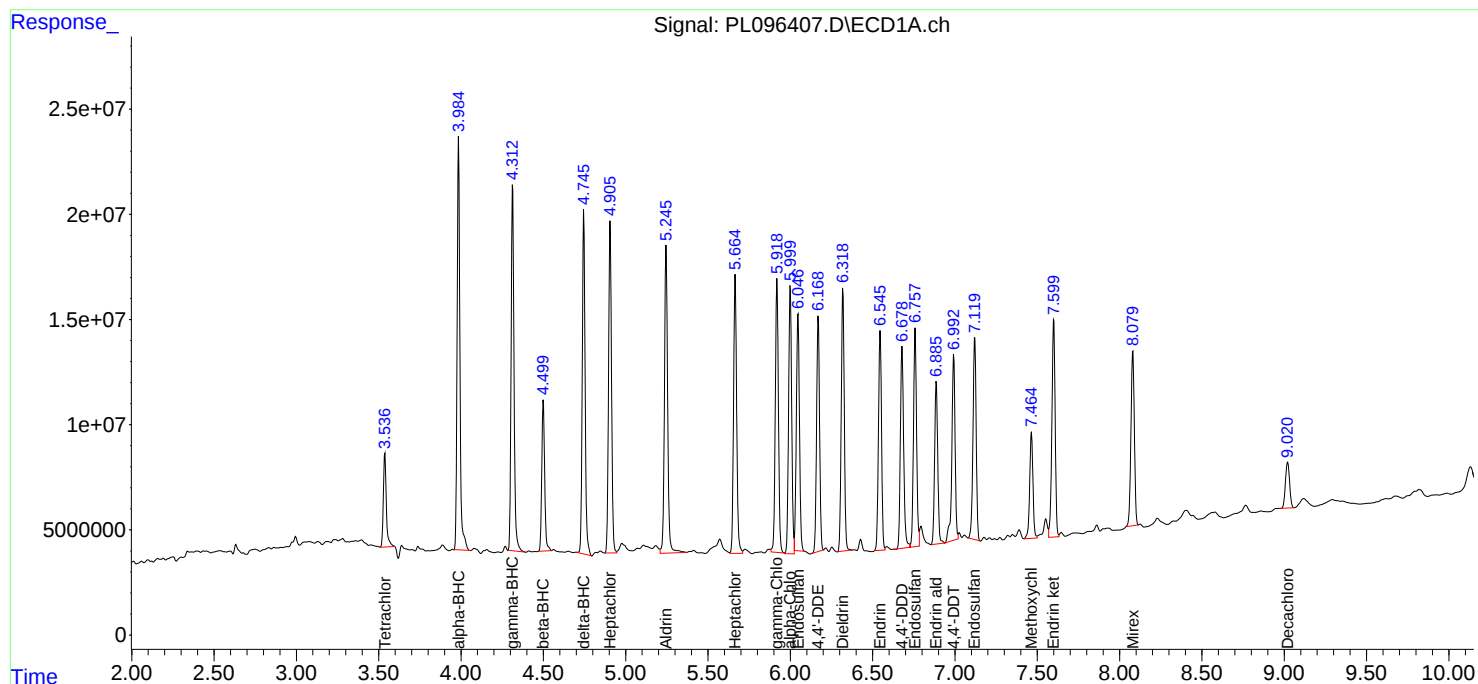
Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

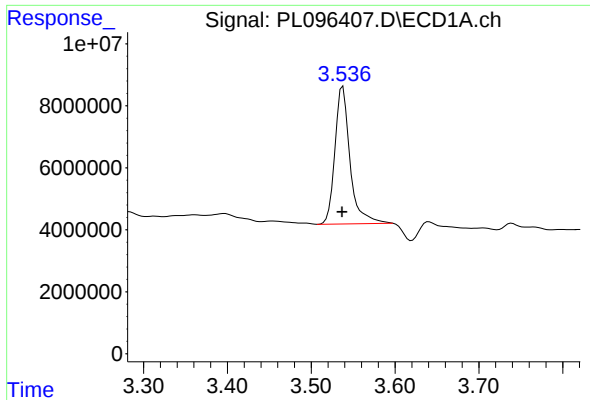
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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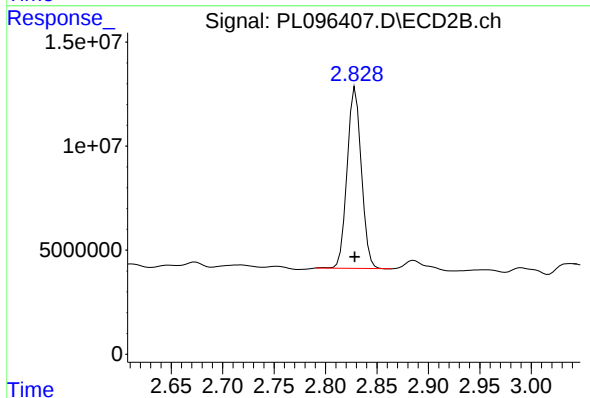
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 55481975
Conc: 15.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

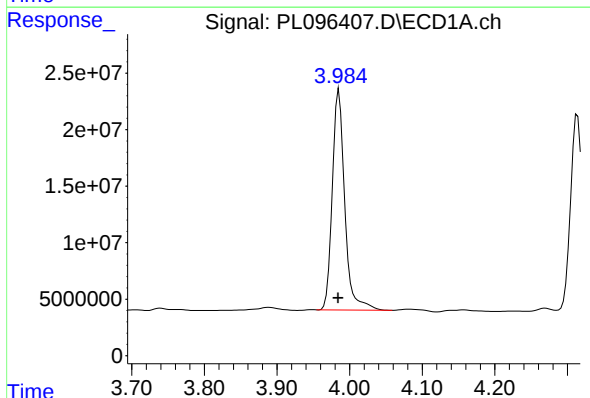
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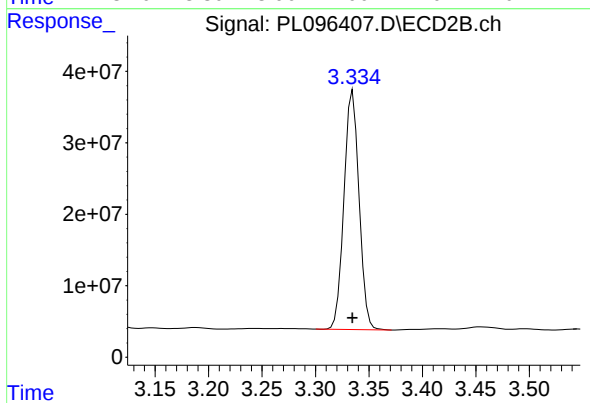
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 83724642
Conc: 14.51 ng/ml



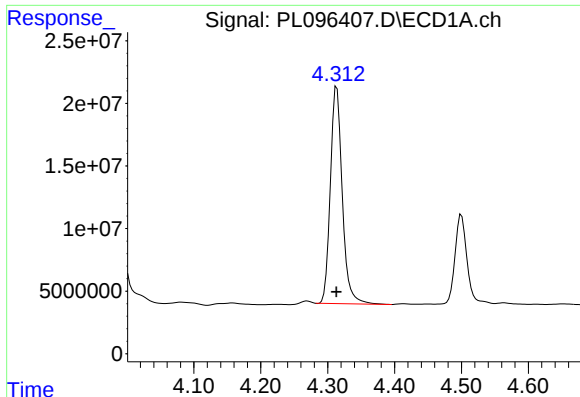
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 232689096
Conc: 45.24 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 328411069
Conc: 38.94 ng/ml



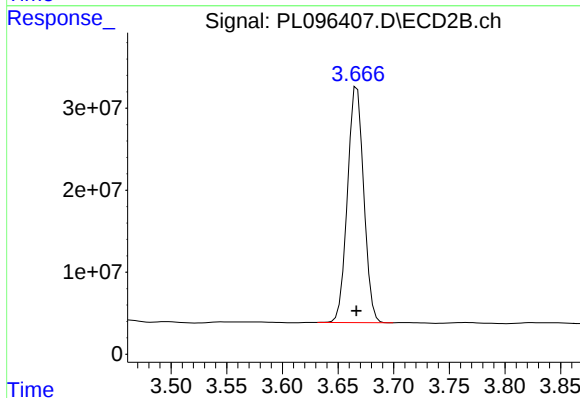
#3 gamma-BHC (Lindane)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 213825476
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

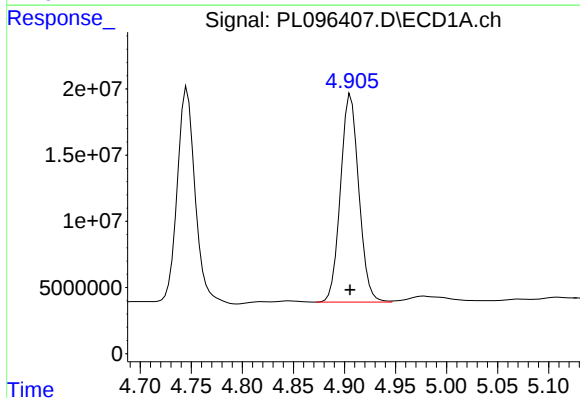
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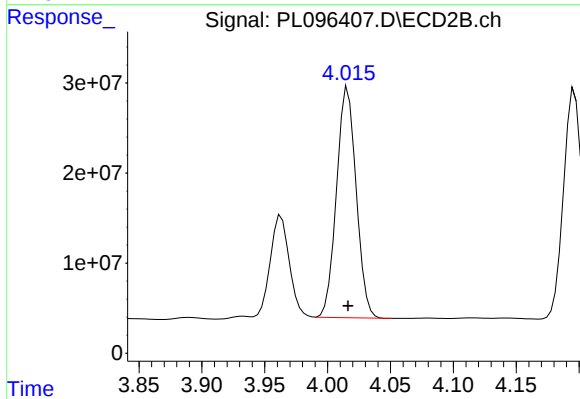
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 292314297
Conc: 37.12 ng/ml



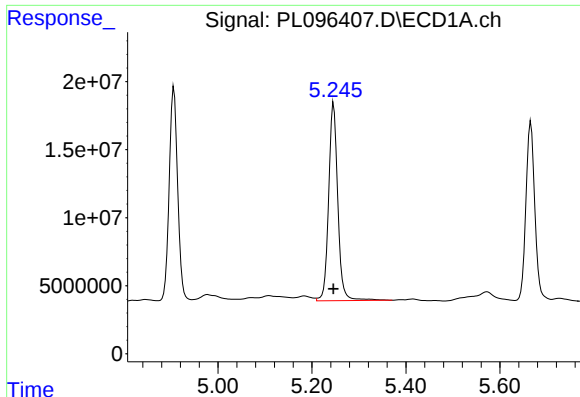
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 196506381
Conc: 42.89 ng/ml m



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 278929221
Conc: 36.66 ng/ml



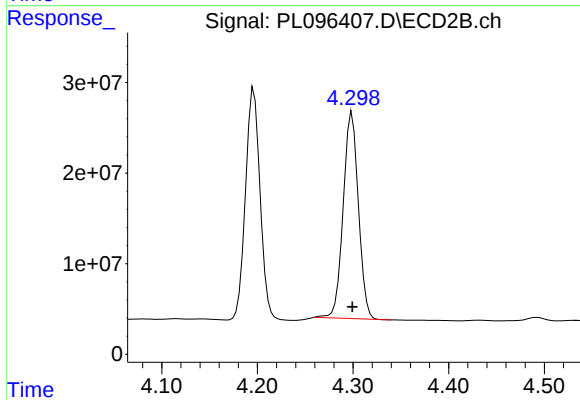
#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 197010854
Conc: 40.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

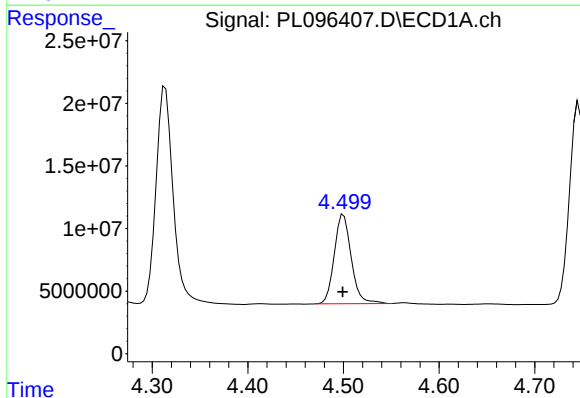
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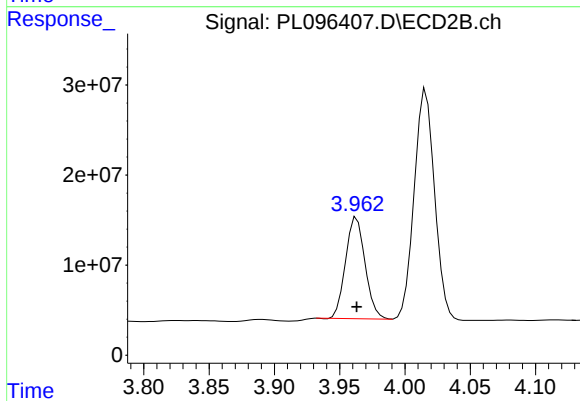
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 251862857
Conc: 34.52 ng/ml



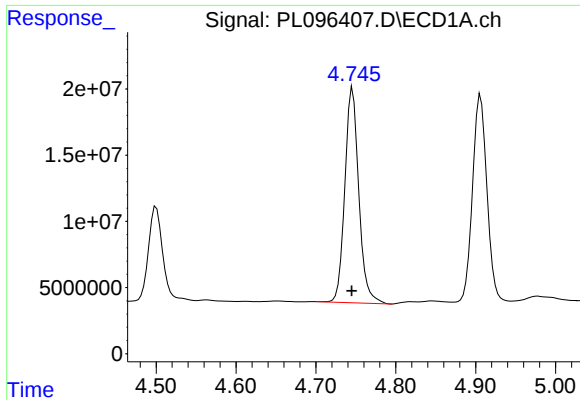
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 87801644
Conc: 42.24 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 117379788
Conc: 34.28 ng/ml



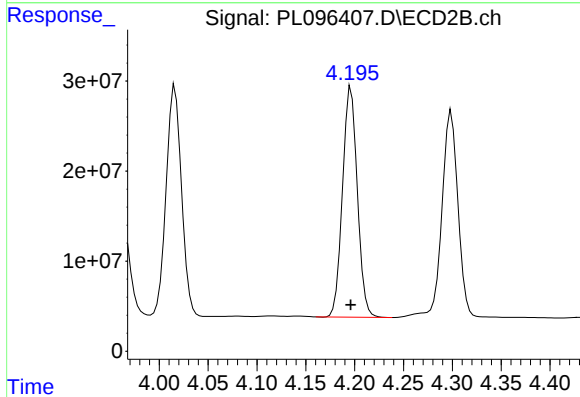
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.001 min
Response: 197568928
Conc: 44.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

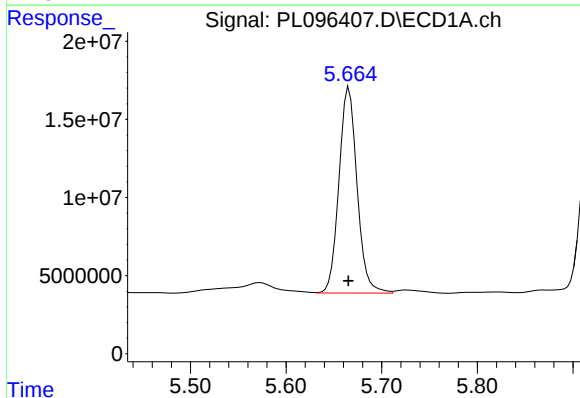
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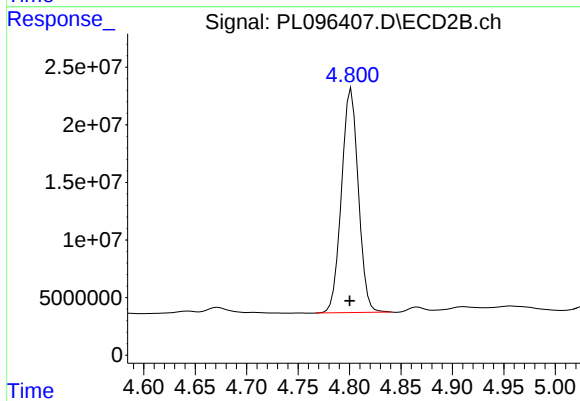
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 270470164
Conc: 35.12 ng/ml



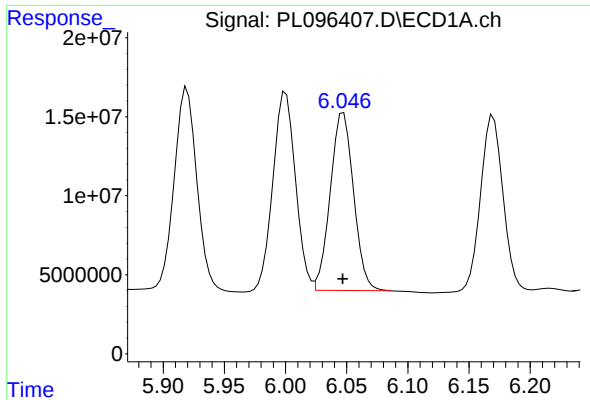
#8 Heptachlor epoxide

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 173553473
Conc: 41.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.802 min
Delta R.T.: 0.001 min
Response: 221800628
Conc: 33.18 ng/ml



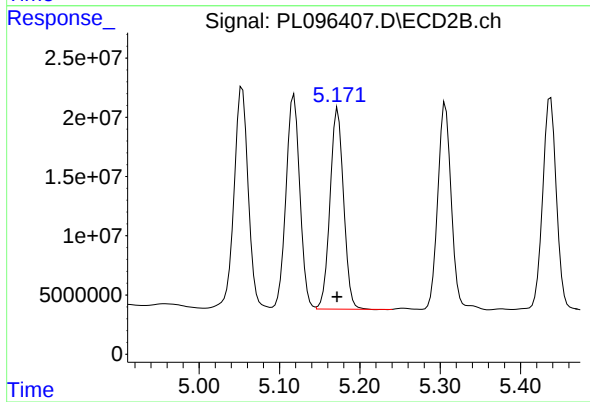
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 148288892
Conc: 36.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

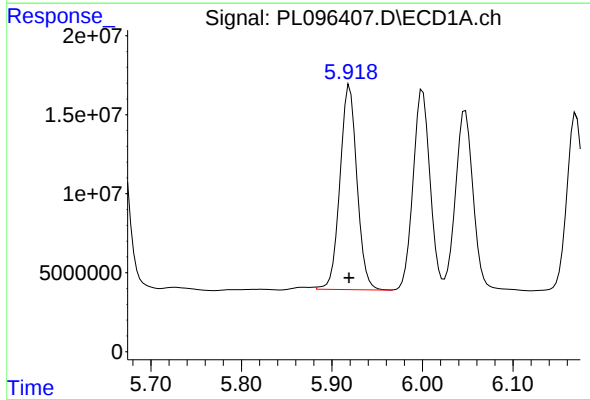
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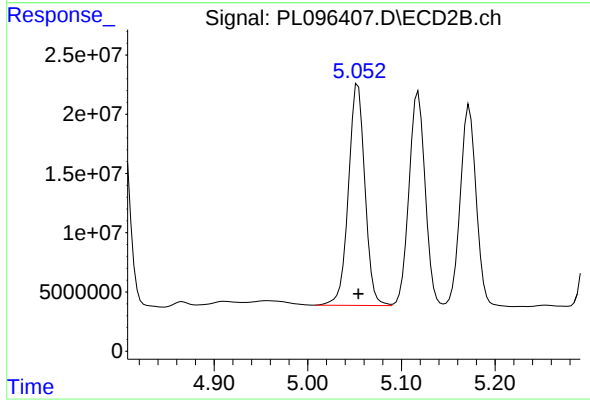
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 199046375
Conc: 27.74 ng/ml



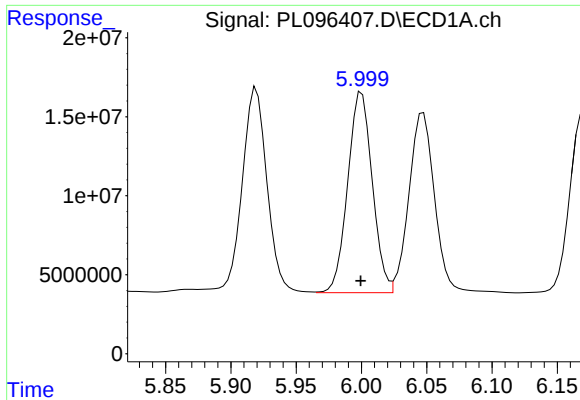
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 168831858
Conc: 38.16 ng/ml m



#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 228659372
Conc: 32.57 ng/ml



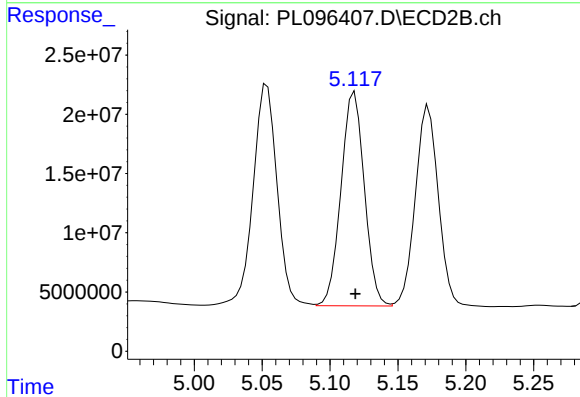
#11 alpha-Chlordane

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 166324668
Conc: 37.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

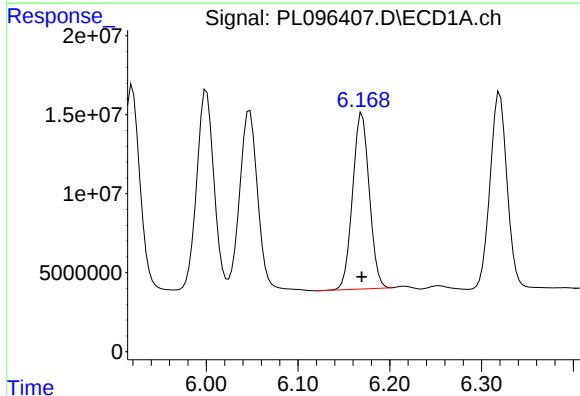
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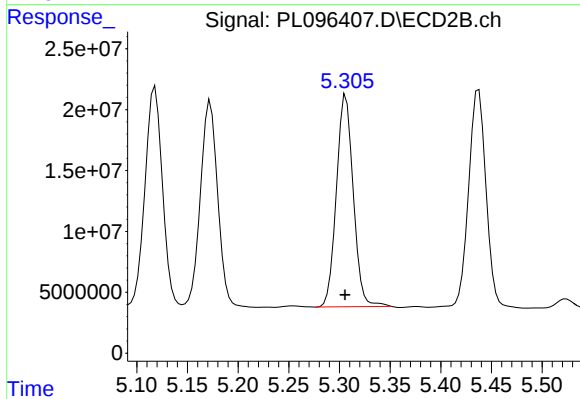
#11 alpha-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 216111424
Conc: 28.74 ng/ml



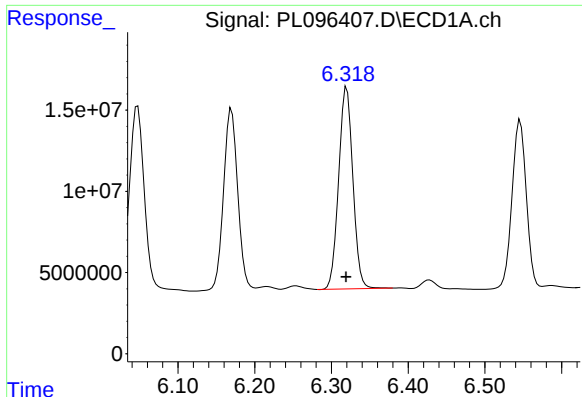
#12 4,4'-DDE

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 140965684
Conc: 38.02 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 201692614
Conc: 31.20 ng/ml



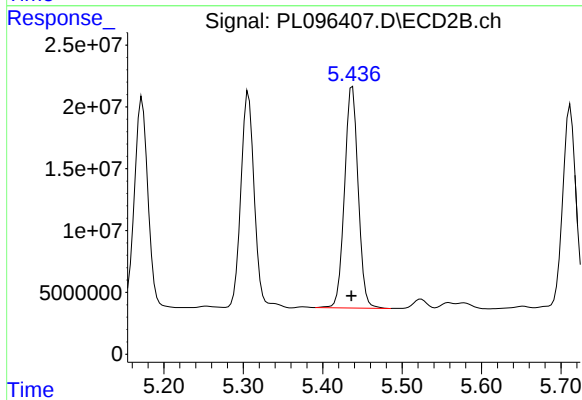
#13 Dieldrin

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 160245086
Conc: 37.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

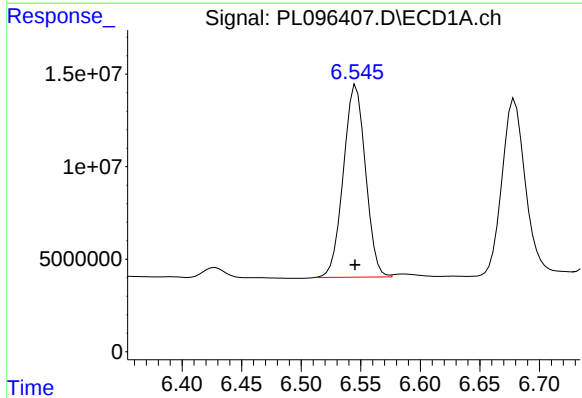
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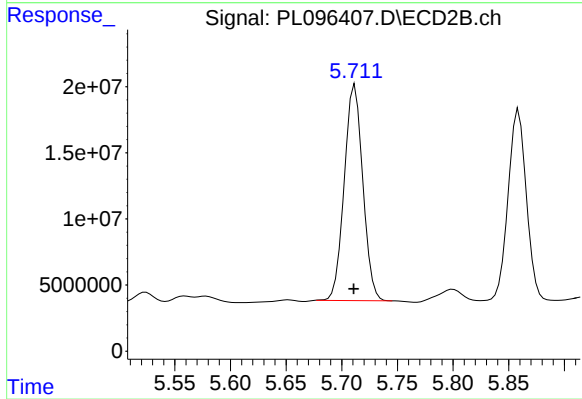
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: 0.001 min
Response: 214145099
Conc: 31.40 ng/ml



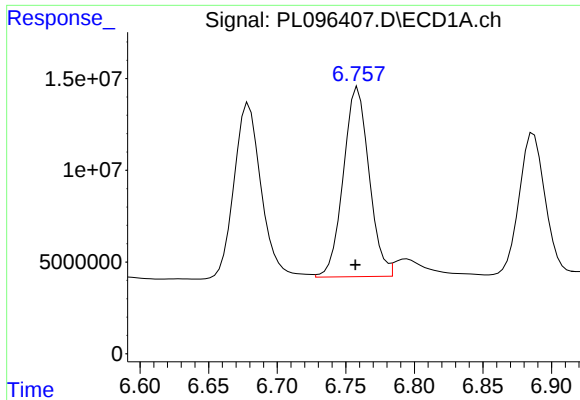
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 134336737
Conc: 43.19 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.001 min
Response: 189479586
Conc: 31.08 ng/ml



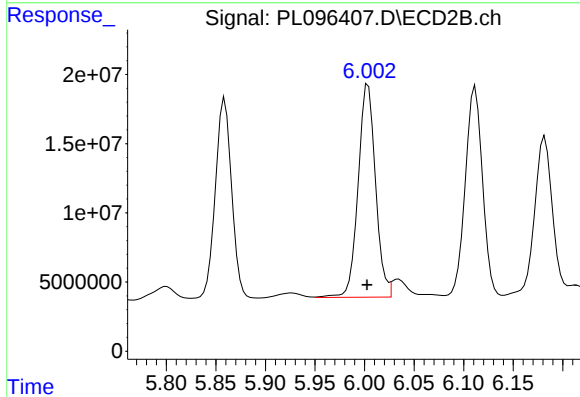
#15 Endosulfan II

R.T.: 6.759 min
Delta R.T.: 0.002 min
Response: 134916981
Conc: 38.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

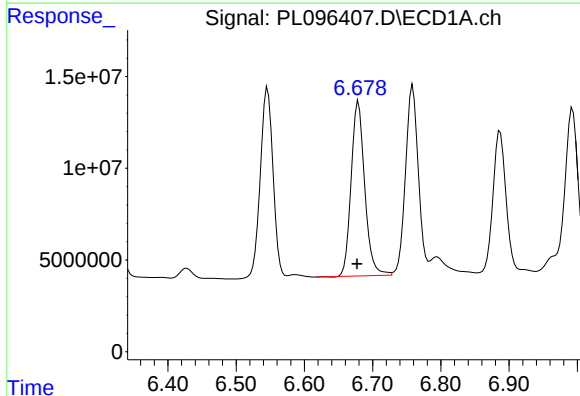
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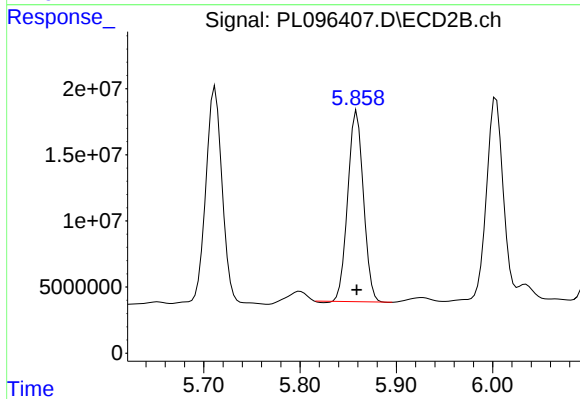
#15 Endosulfan II

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 188347883
Conc: 32.12 ng/ml



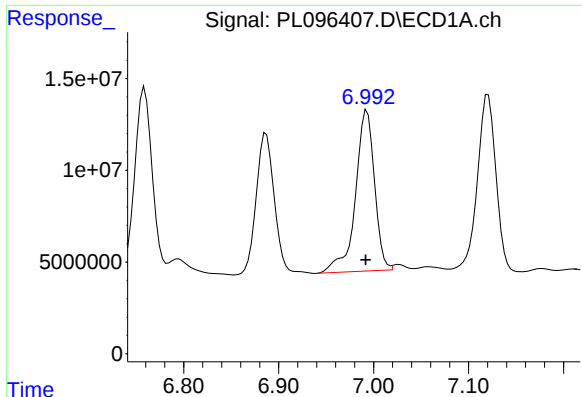
#16 4,4'-DDD

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 131469629
Conc: 45.15 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 161567597
Conc: 31.50 ng/ml



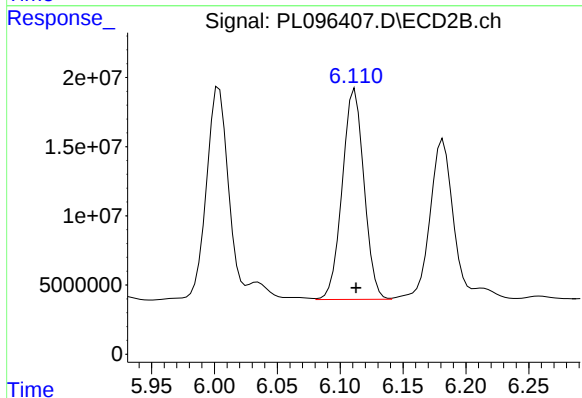
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.001 min
Response: 122297425
Conc: 40.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

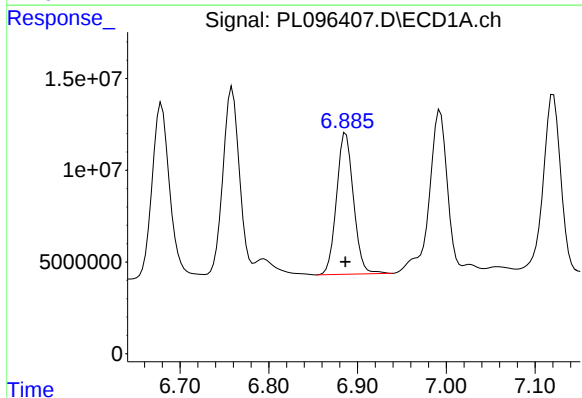
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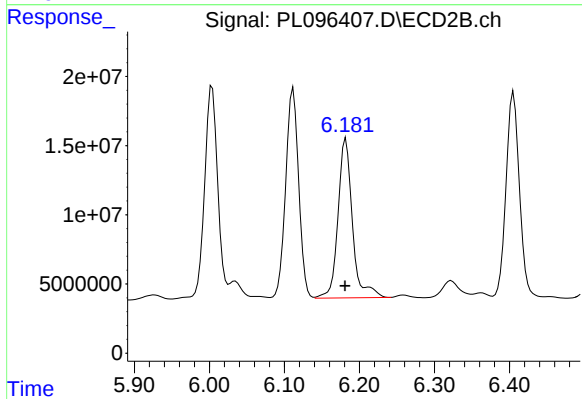
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 183179545
Conc: 31.94 ng/ml



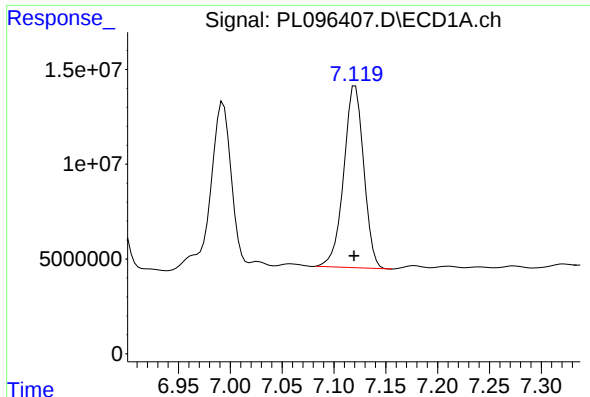
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 102129109
Conc: 45.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.001 min
Response: 154136667
Conc: 34.60 ng/ml



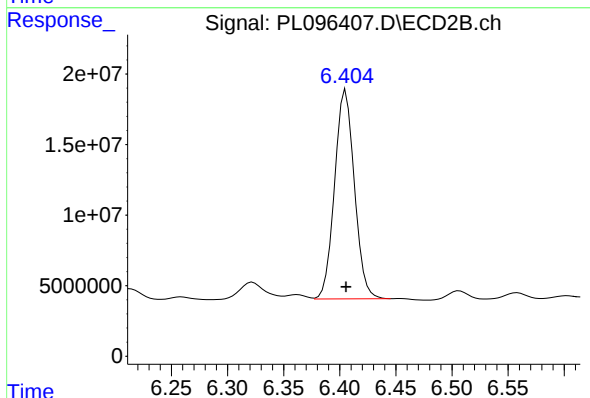
#19 Endosulfan Sulfate

R.T.: 7.121 min
Delta R.T.: 0.001 min
Response: 128728986
Conc: 42.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

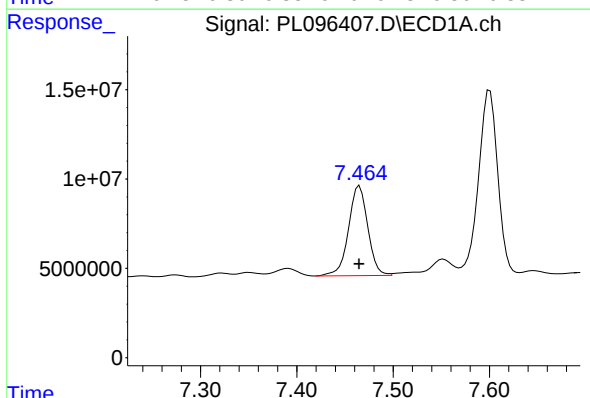
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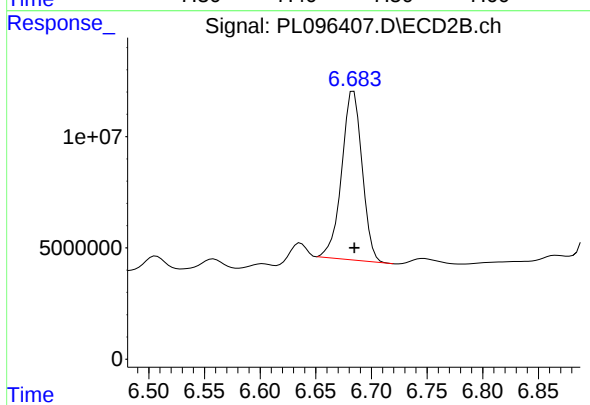
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 182220803
Conc: 32.40 ng/ml



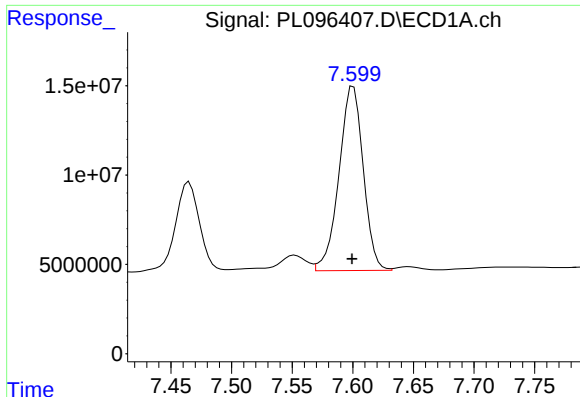
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 69587824
Conc: 44.17 ng/ml



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 96475982
Conc: 31.76 ng/ml



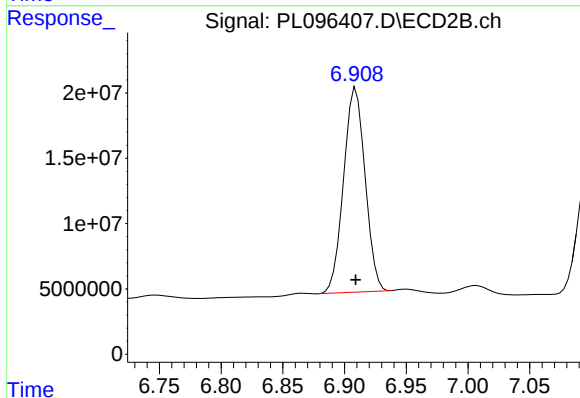
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.001 min
Response: 143453254
Conc: 43.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

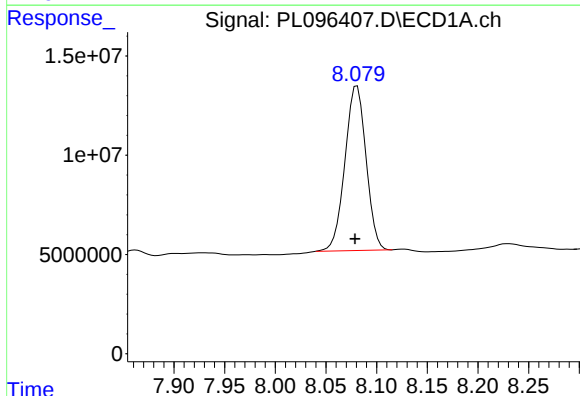
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



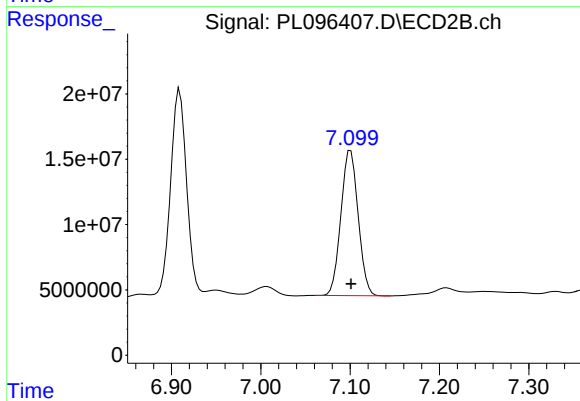
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 189815003
Conc: 30.36 ng/ml



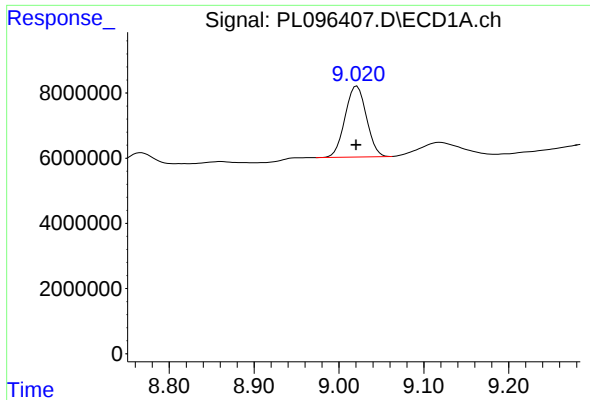
#22 Mirex

R.T.: 8.081 min
Delta R.T.: 0.002 min
Response: 120313601
Conc: 43.24 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 148857750
Conc: 29.96 ng/ml



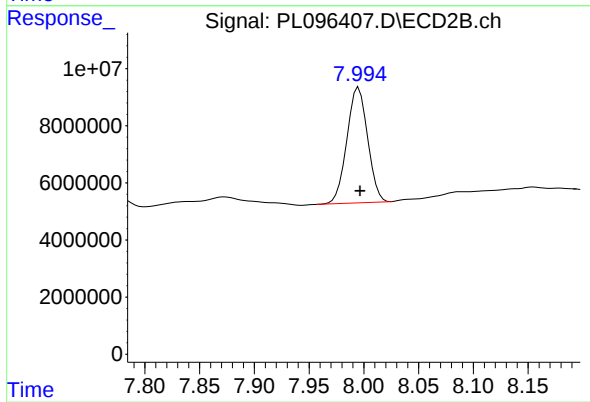
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.001 min
Response: 37972192
Conc: 13.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSDRE

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 53278919
Conc: 10.68 ng/ml