

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
 Data File : PL096406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 16:50
 Operator : AR\AJ
 Sample : Q2600-05MSRE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 STOCK-PILEMSRE

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 01:44:21 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	53466074	81151213	14.652m	14.061
28)	SA Decachlor...	9.020	7.995	36337129	51828367	12.917	10.394
Target Compounds							
2)	A alpha-BHC	3.985	3.335	227.1E6	318.9E6	44.155	37.806
3)	MA gamma-BHC...	4.313	3.667	209.0E6	283.9E6	41.976	36.042
4)	MA Heptachlor	4.906	4.016	193.4E6	271.8E6	42.225	35.724
5)	MB Aldrin	5.246	4.299	184.5E6	237.2E6	38.165	32.506
6)	B beta-BHC	4.500	3.963	86055594	116.7E6	41.397	34.087
7)	B delta-BHC	4.746	4.196	192.3E6	262.4E6	42.901	34.073
8)	B Heptachlo...	5.663	4.801	180.9E6	214.8E6	43.599m	32.137 #
9)	A Endosulfan I	6.045	5.172	148.7E6	191.3E6	36.830m	26.671 #
10)	B gamma-Chl...	5.917	5.053	162.6E6	222.7E6	36.753m	31.727
11)	B alpha-Chl...	5.999	5.117	167.0E6	210.5E6	38.135	27.991 #
12)	B 4,4'-DDE	6.169	5.306	138.3E6	194.5E6	37.308	30.088
13)	MA Dieldrin	6.319	5.437	157.3E6	215.1E6	37.204	31.549
14)	MA Endrin	6.545	5.713	133.9E6	220.2E6	43.054	36.118
15)	B Endosulfa...	6.757	6.003	128.8E6	181.5E6	37.110m	30.952
16)	A 4,4'-DDD	6.678	5.859	138.2E6	155.8E6	47.472	30.386 #
17)	MA 4,4'-DDT	6.992	6.111	117.4E6	178.1E6	38.668	31.053
18)	B Endrin al...	6.886	6.181	102.1E6	141.4E6	45.669	31.746 #
19)	B Endosulfa...	7.120	6.405	126.0E6	177.1E6	41.188	31.493
20)	A Methoxychlor	7.463	6.684	66376391	94293932	42.133m	31.040 #
21)	B Endrin ke...	7.599	6.908	137.2E6	220.4E6	41.568	35.248m
22)	Mirex	8.080	7.100	121.7E6	145.8E6	43.736	29.340 #

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

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Data File : PL096406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 16:50
Operator : AR\AJ
Sample : Q2600-05MSRE
Misc :
ALS Vial : 14 Sample Multiplier: 1

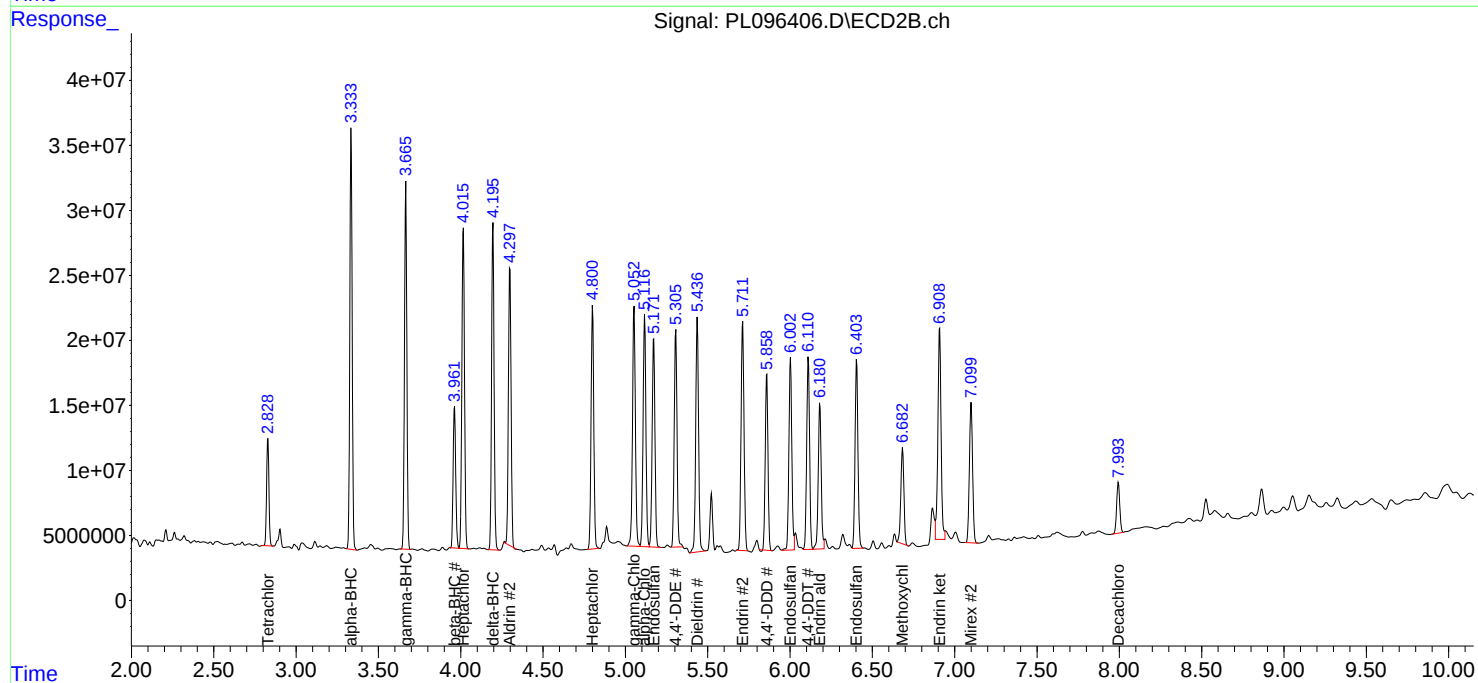
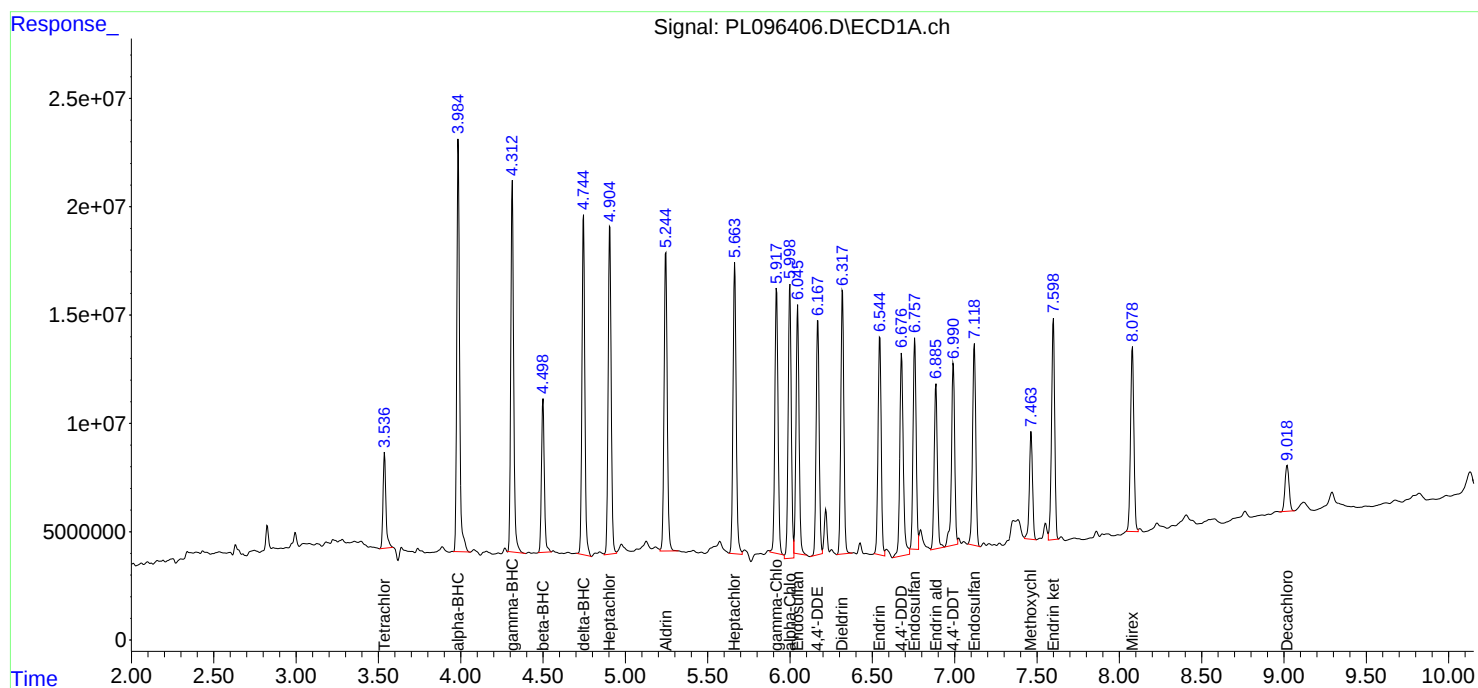
Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

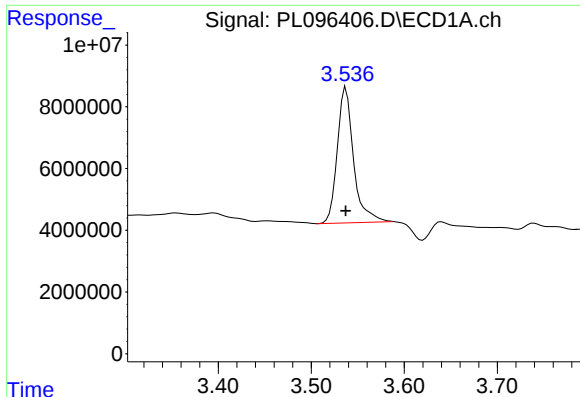
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 01:44:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





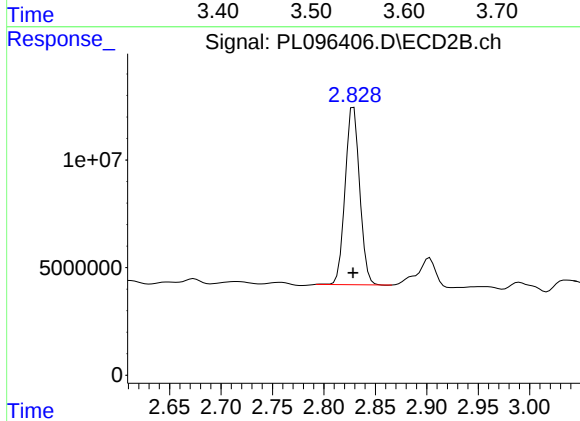
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 53466074
Conc: 14.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

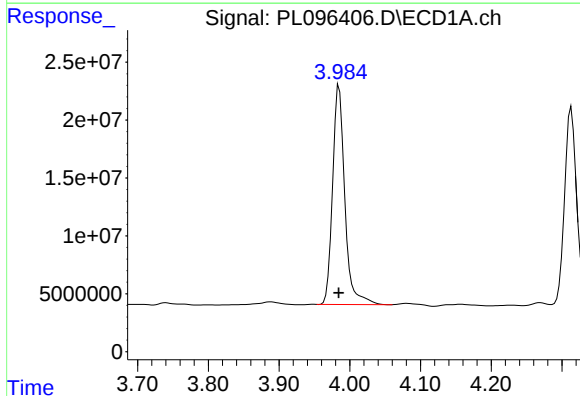
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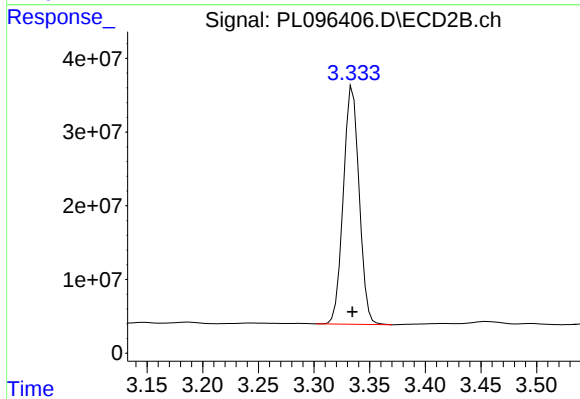
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 81151213
Conc: 14.06 ng/ml



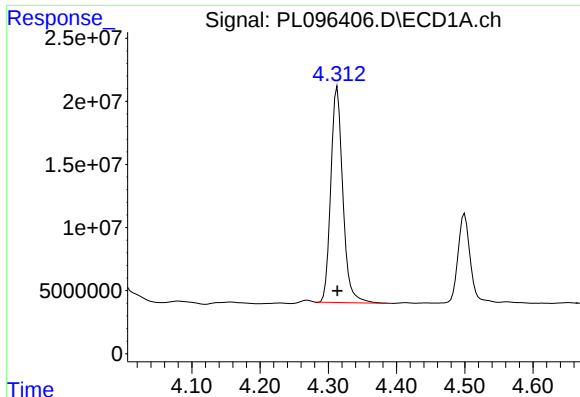
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 227093494
Conc: 44.15 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 318870173
Conc: 37.81 ng/ml



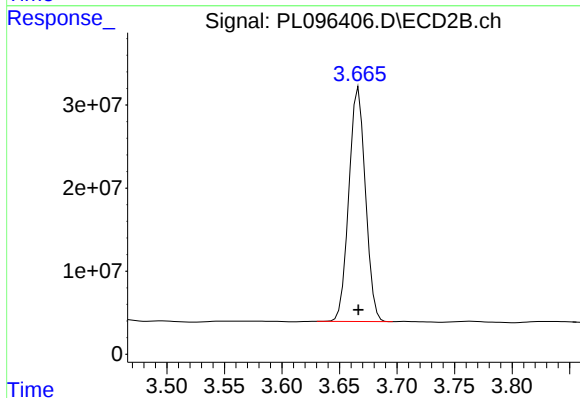
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 209023642
Conc: 41.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

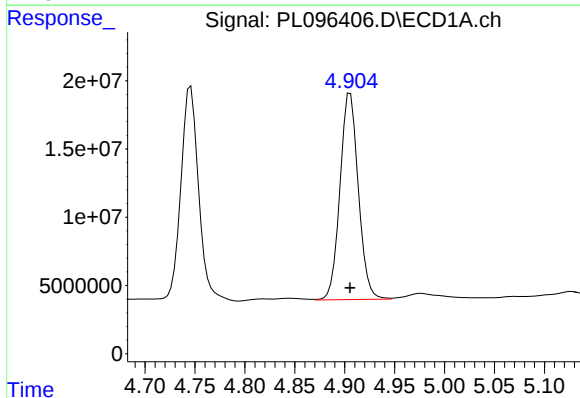
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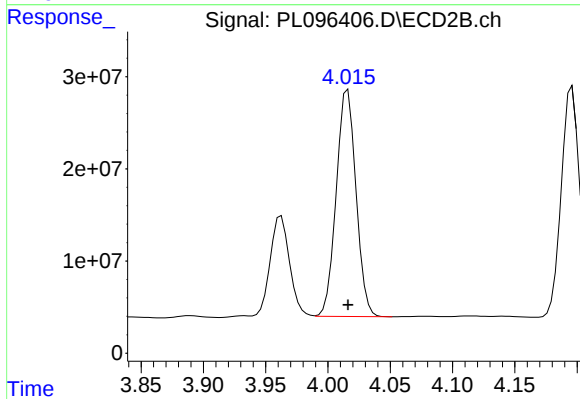
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 283860304
Conc: 36.04 ng/ml



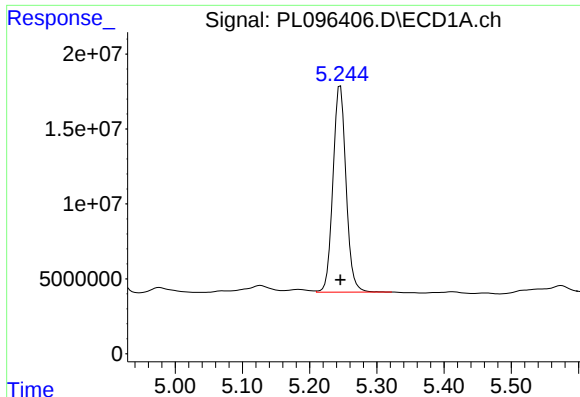
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 193443043
Conc: 42.23 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 271776650
Conc: 35.72 ng/ml



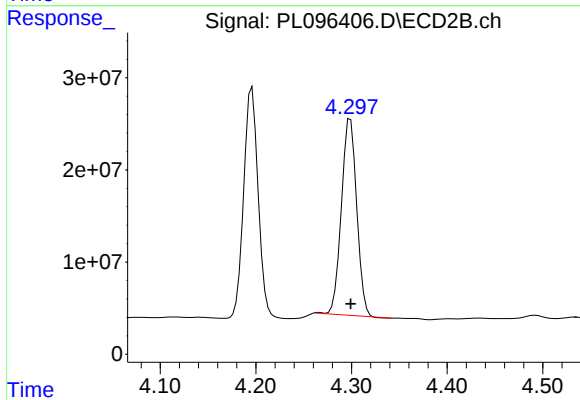
#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 184476753
Conc: 38.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

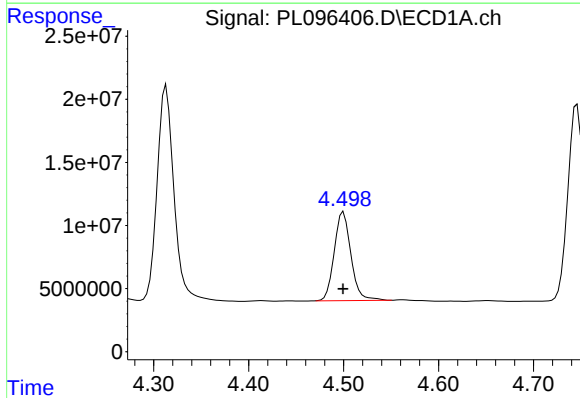
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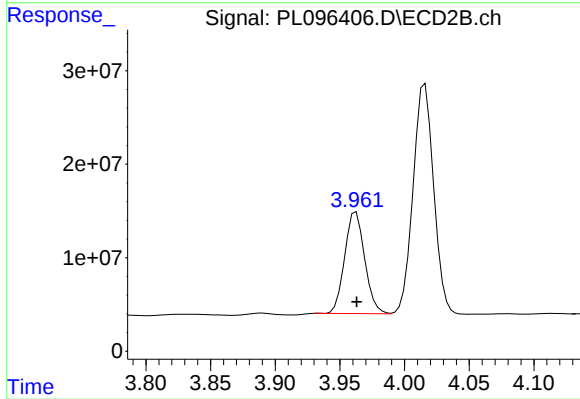
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 237150119
Conc: 32.51 ng/ml



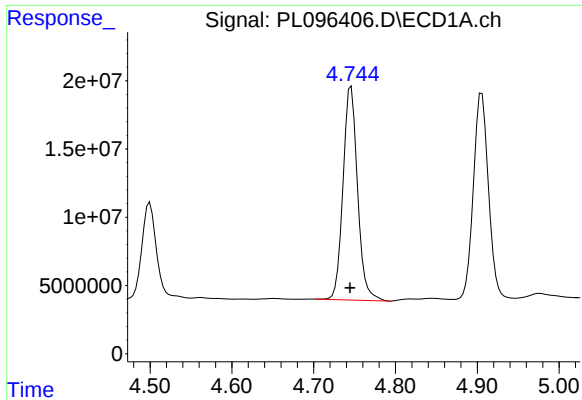
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 86055594
Conc: 41.40 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 116709545
Conc: 34.09 ng/ml



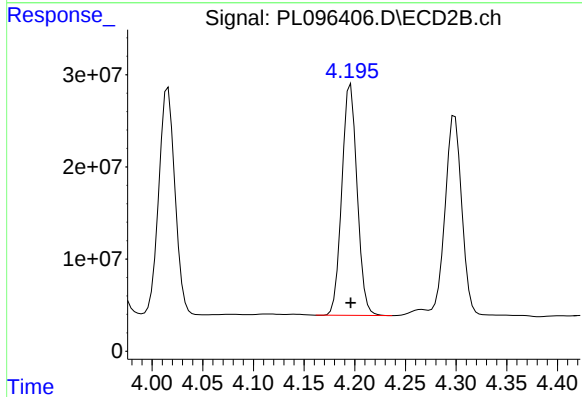
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.001 min
Response: 192251376
Conc: 42.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

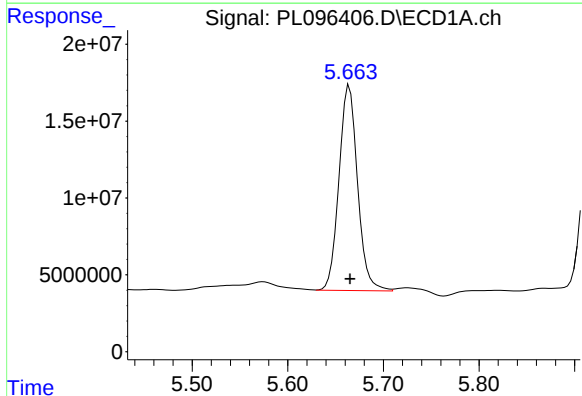
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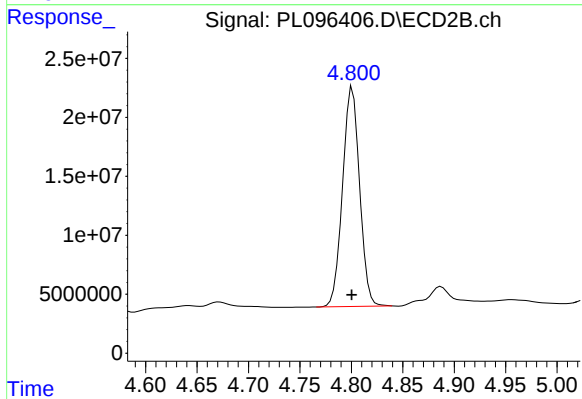
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 262423337
Conc: 34.07 ng/ml



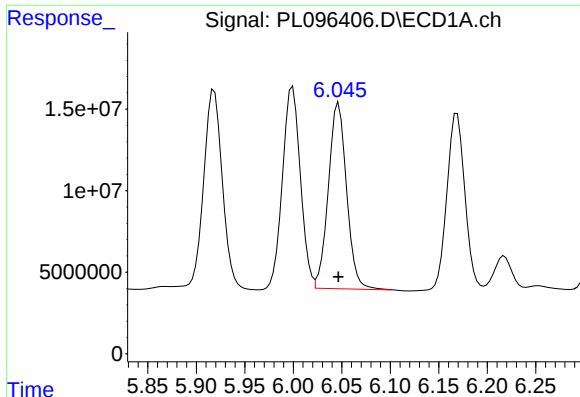
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 180899197
Conc: 43.60 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 214830731
Conc: 32.14 ng/ml



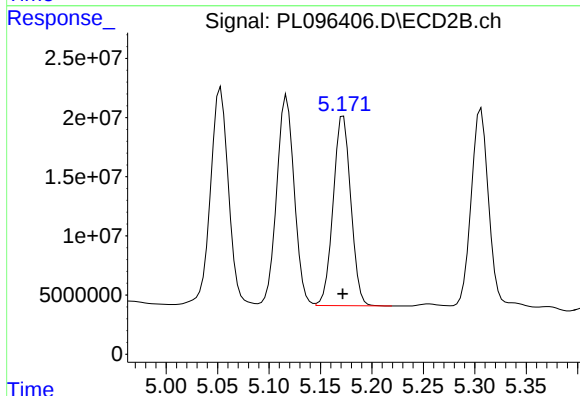
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 148690499
Conc: 36.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

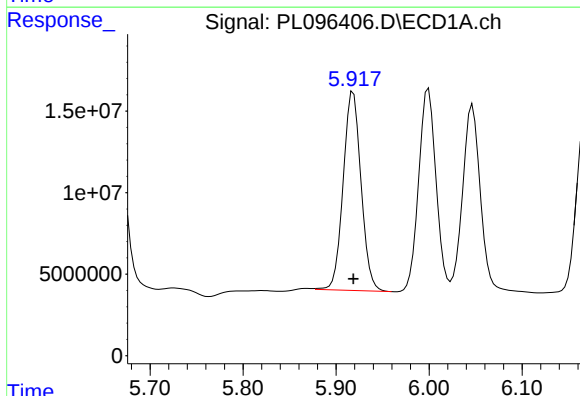
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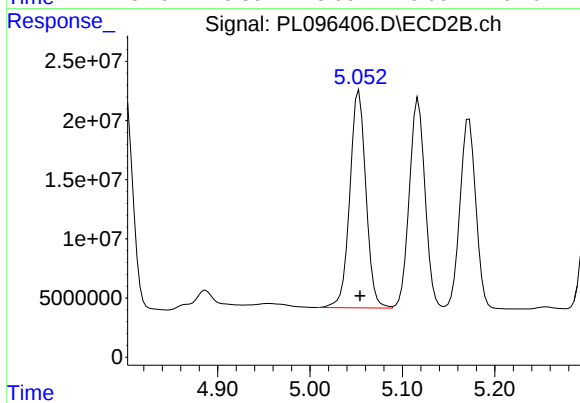
#9 Endosulfan I

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 191340227
Conc: 26.67 ng/ml



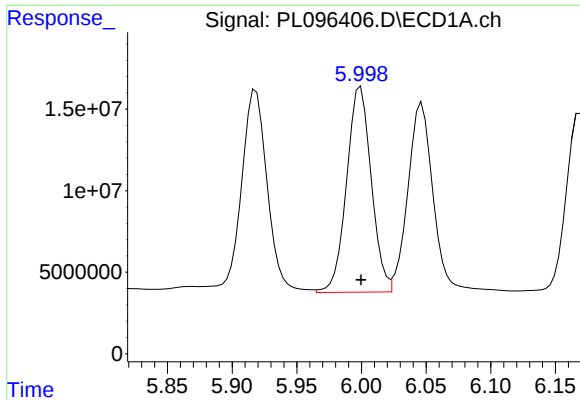
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 162625529
Conc: 36.75 ng/ml m



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.001 min
Response: 222711495
Conc: 31.73 ng/ml



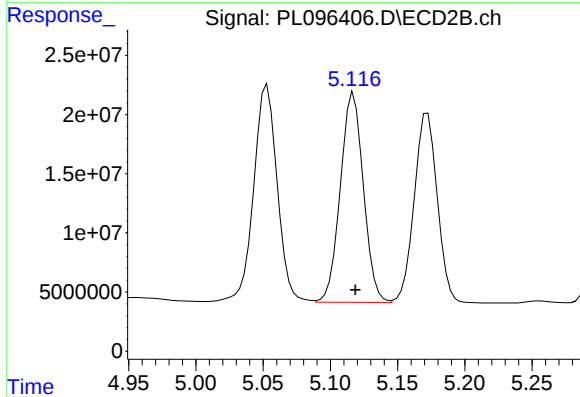
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 166986582
Conc: 38.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

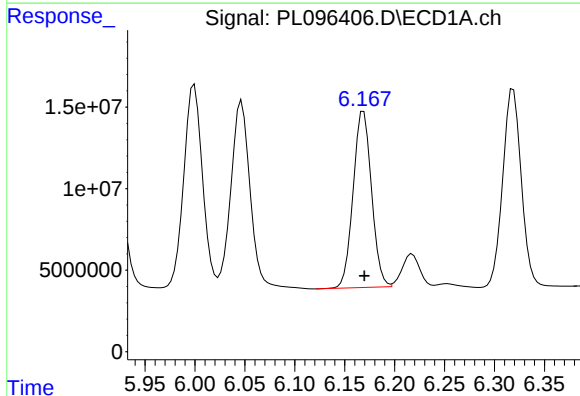
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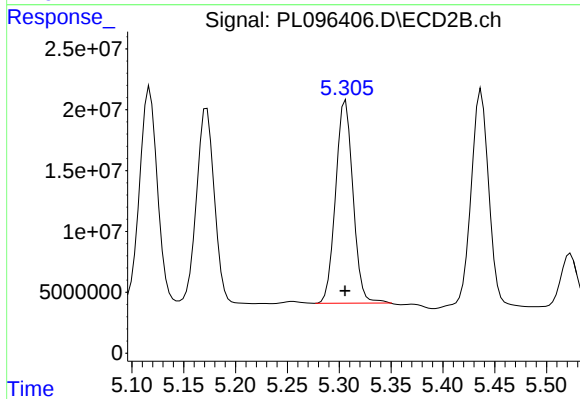
#11 alpha-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 210496196
Conc: 27.99 ng/ml



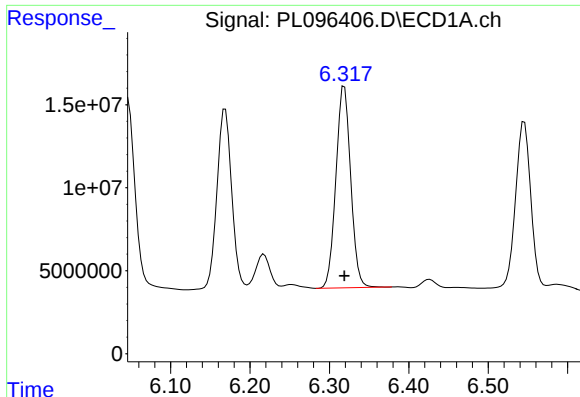
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 138319232
Conc: 37.31 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 194481712
Conc: 30.09 ng/ml



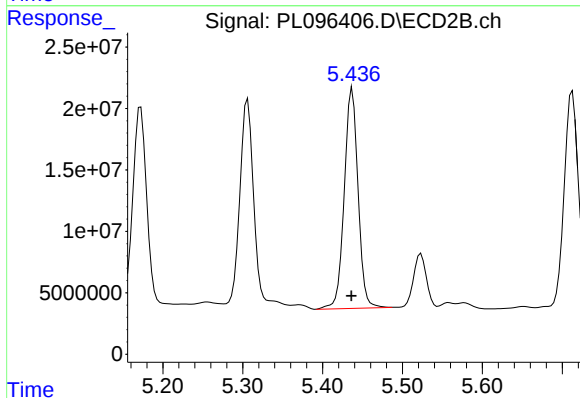
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 157311435
Conc: 37.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

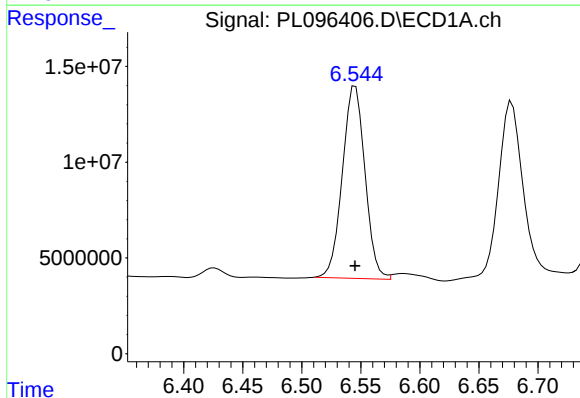
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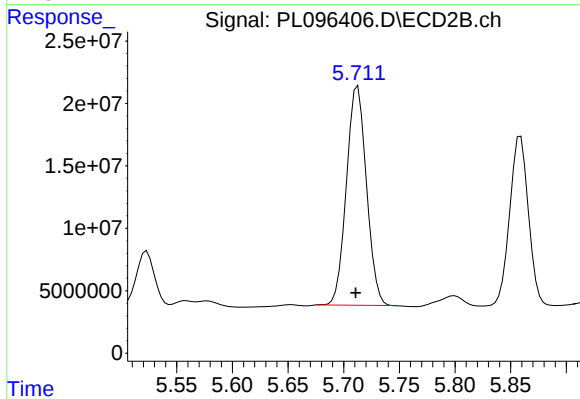
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 215137403
Conc: 31.55 ng/ml



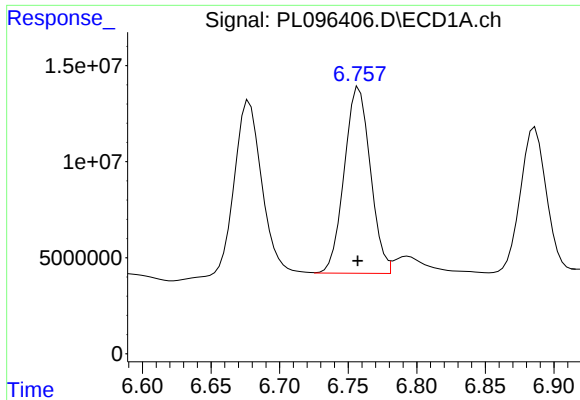
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 133906917
Conc: 43.05 ng/ml



#14 Endrin

R.T.: 5.713 min
Delta R.T.: 0.002 min
Response: 220193901
Conc: 36.12 ng/ml



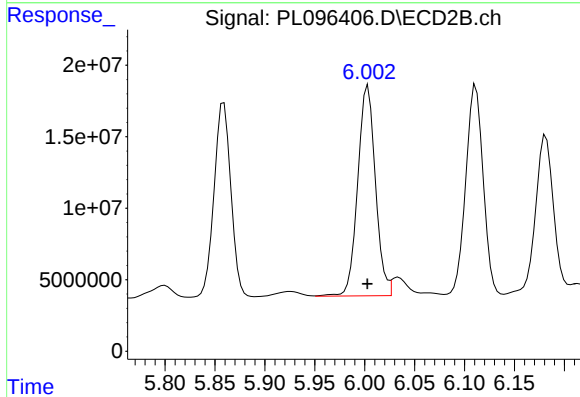
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 128772680
Conc: 37.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

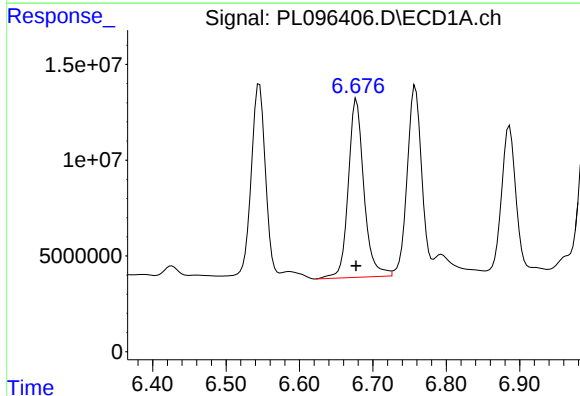
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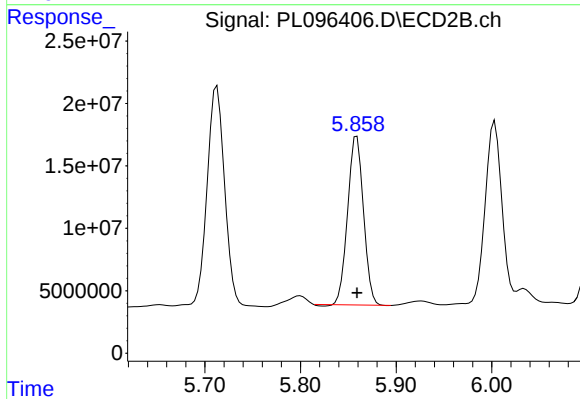
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 181498236
Conc: 30.95 ng/ml



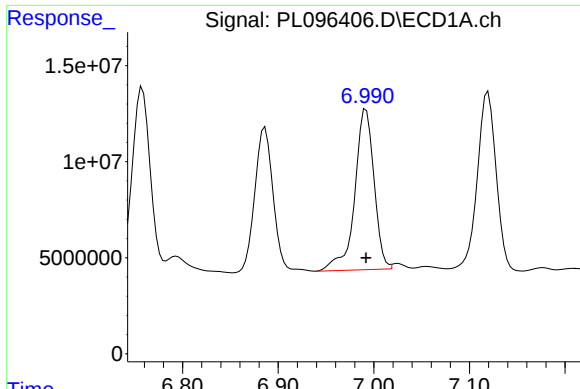
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 138223509
Conc: 47.47 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 155841254
Conc: 30.39 ng/ml



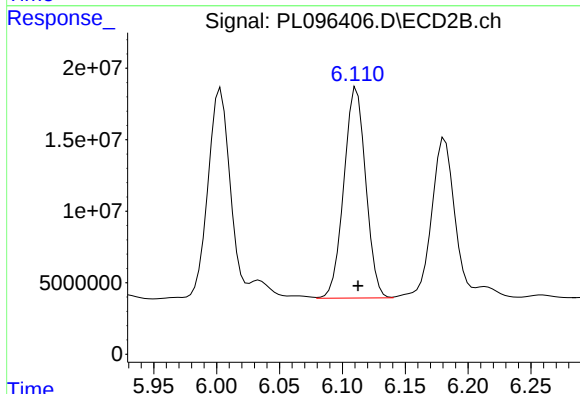
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 117366189
Conc: 38.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

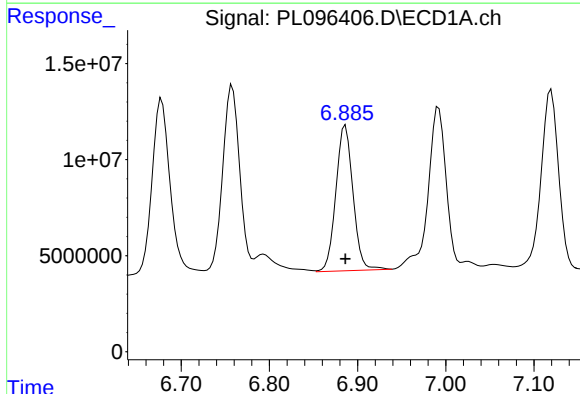
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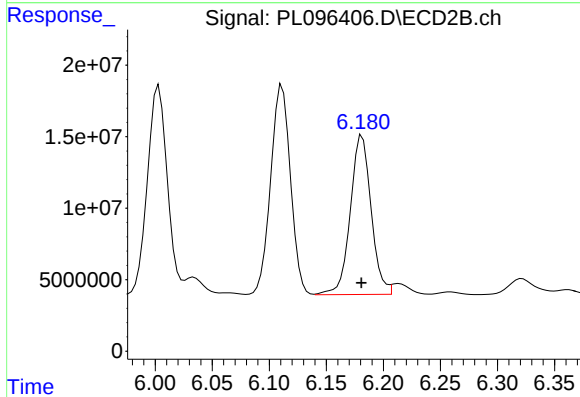
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 178092041
Conc: 31.05 ng/ml



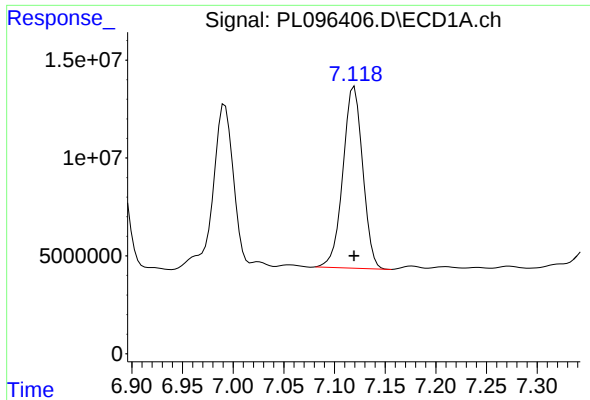
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 102095970
Conc: 45.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 141415413
Conc: 31.75 ng/ml



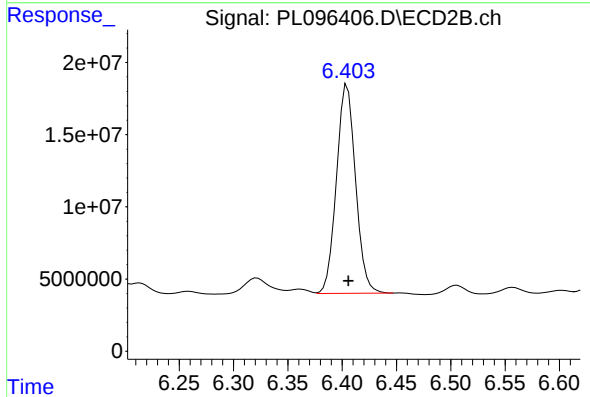
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 125986764
Conc: 41.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

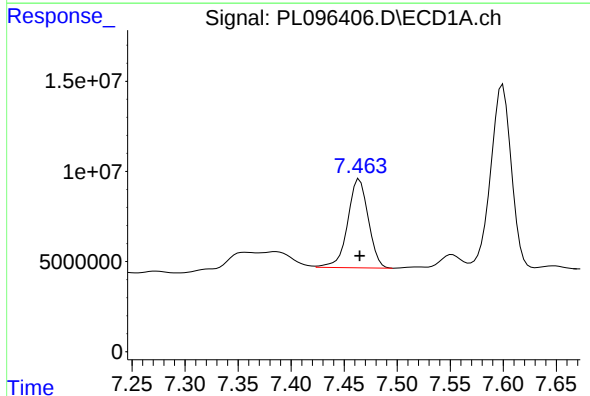
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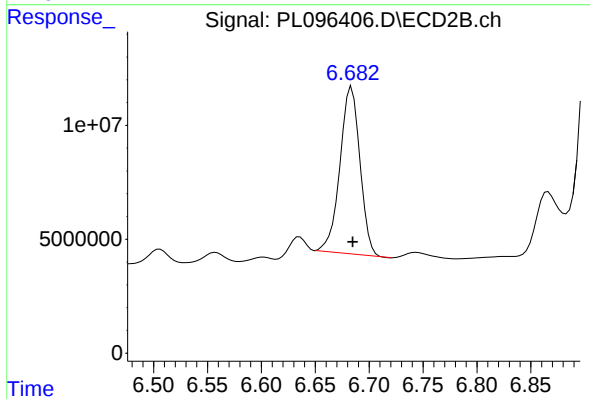
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 177130304
Conc: 31.49 ng/ml



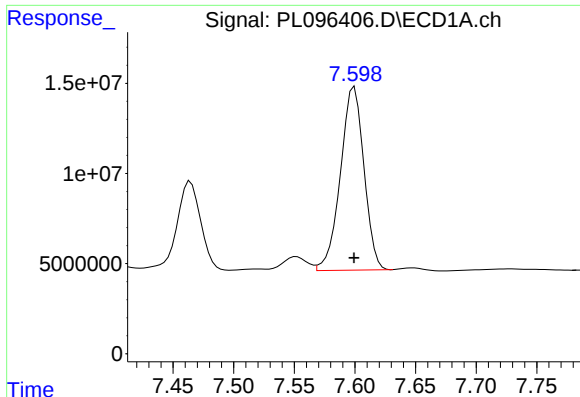
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 66376391
Conc: 42.13 ng/ml m



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 94293932
Conc: 31.04 ng/ml



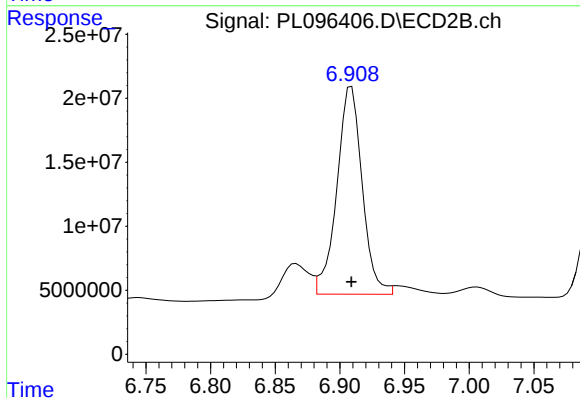
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 137240665
Conc: 41.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSRE

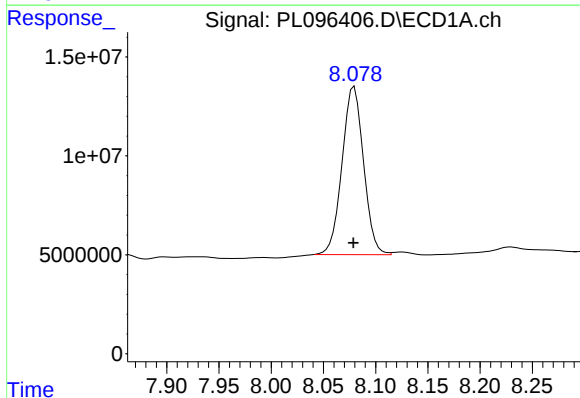
Manual Integrations
APPROVED

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



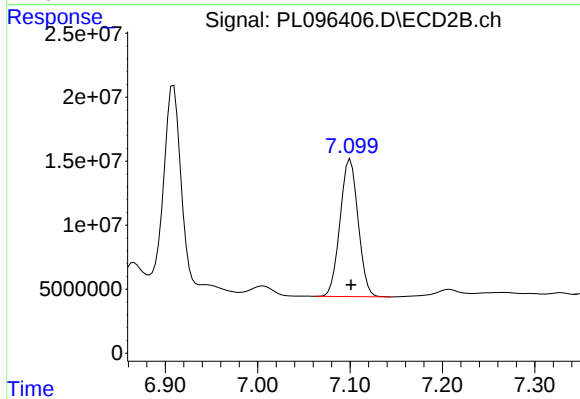
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 220379308
Conc: 35.25 ng/ml m



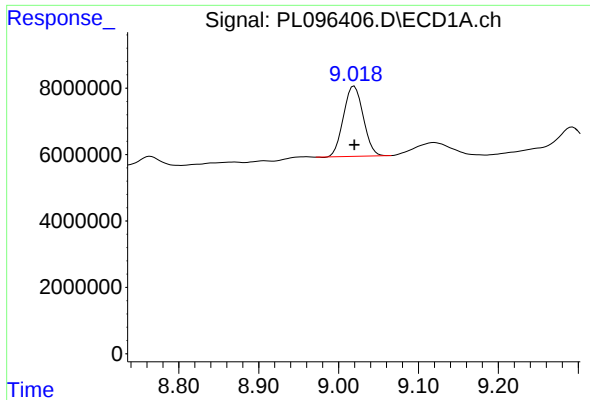
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 121682391
Conc: 43.74 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 145768592
Conc: 29.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 36337129
Conc: 12.92 ng/ml

Instrument :

ECD_L

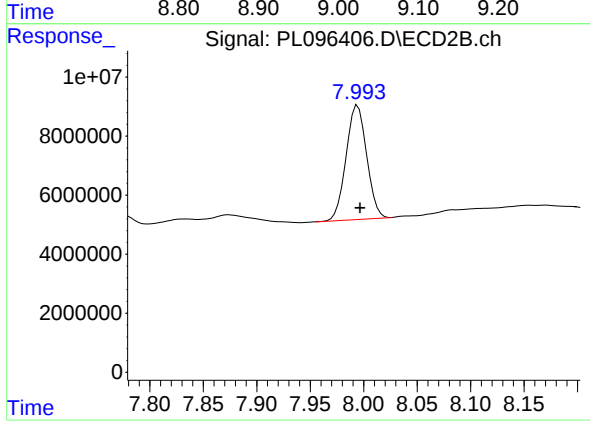
ClientSampleId :
STOCK-PILEMSRE

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.: -0.002 min
Response: 51828367
Conc: 10.39 ng/ml