

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
 Data File : PL096801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 18:35
 Operator : AR\AJ
 Sample : Q2838-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-11MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 05:16:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.530	2.824	32906449	51367313	10.345	10.751
28)	SA Decachlor...	9.006	7.988	39544419	76200456	16.583	17.565
Target Compounds							
2)	A alpha-BHC	3.977	3.330	152.5E6	189.9E6	32.953	26.840
3)	MA gamma-BHC...	4.306	3.662	162.6E6	196.7E6	36.758	29.787
4)	MA Heptachlor	4.897	4.011	169.9E6	199.9E6	40.880	30.000 #
5)	MB Aldrin	5.236	4.293	172.9E6	200.3E6	40.193	32.274
6)	B beta-BHC	4.493	3.958	58969914	91715408	32.671	32.513
7)	B delta-BHC	4.738	4.192	139.2E6	183.9E6	34.895	28.405
8)	B Heptachlo...	5.656	4.795	163.7E6	207.1E6	42.439	36.267
9)	A Endosulfan I	6.038	5.166	162.0E6	203.6E6	45.041	36.806
10)	B gamma-Chl...	5.910	5.047	171.0E6	223.0E6	44.934	37.923
11)	B alpha-Chl...	5.990	5.111	169.7E6	213.5E6	44.032	36.198
12)	B 4,4'-DDE	6.160	5.300	137.0E6	200.8E6	42.658	36.408
13)	MA Dieldrin	6.310	5.431	161.9E6	228.3E6	43.631	38.658
14)	MA Endrin	6.535	5.705	134.8E6	222.4E6	44.537m	41.139
15)	B Endosulfa...	6.749	5.998	144.2E6	227.9E6	45.014	44.379
16)	A 4,4'-DDD	6.669	5.853	121.1E6	200.7E6	47.912	42.664
17)	MA 4,4'-DDT	6.984	6.105	126.1E6	207.6E6	43.978	41.034
18)	B Endrin al...	6.878	6.175	110.3E6	183.7E6	51.415	50.532
19)	B Endosulfa...	7.111	6.399	129.3E6	219.1E6	44.981	43.072
20)	A Methoxychlor	7.456	6.678	63334496	118.0E6	43.133	43.062
21)	B Endrin ke...	7.591	6.903	138.4E6	260.8E6	46.042	46.824
22)	Mirex	8.068	7.093	115.3E6	202.7E6	46.487m	46.489

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
Data File : PL096801.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 18:35
Operator : AR\AJ
Sample : Q2838-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

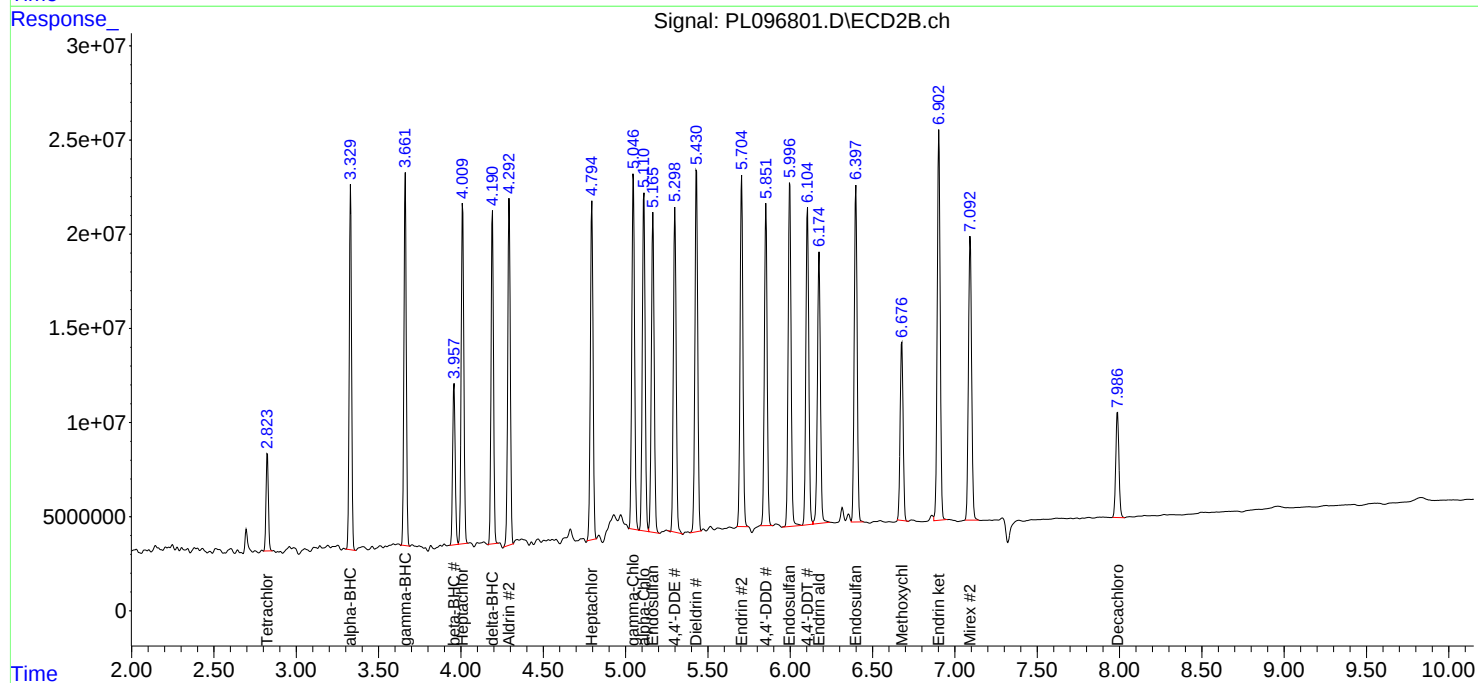
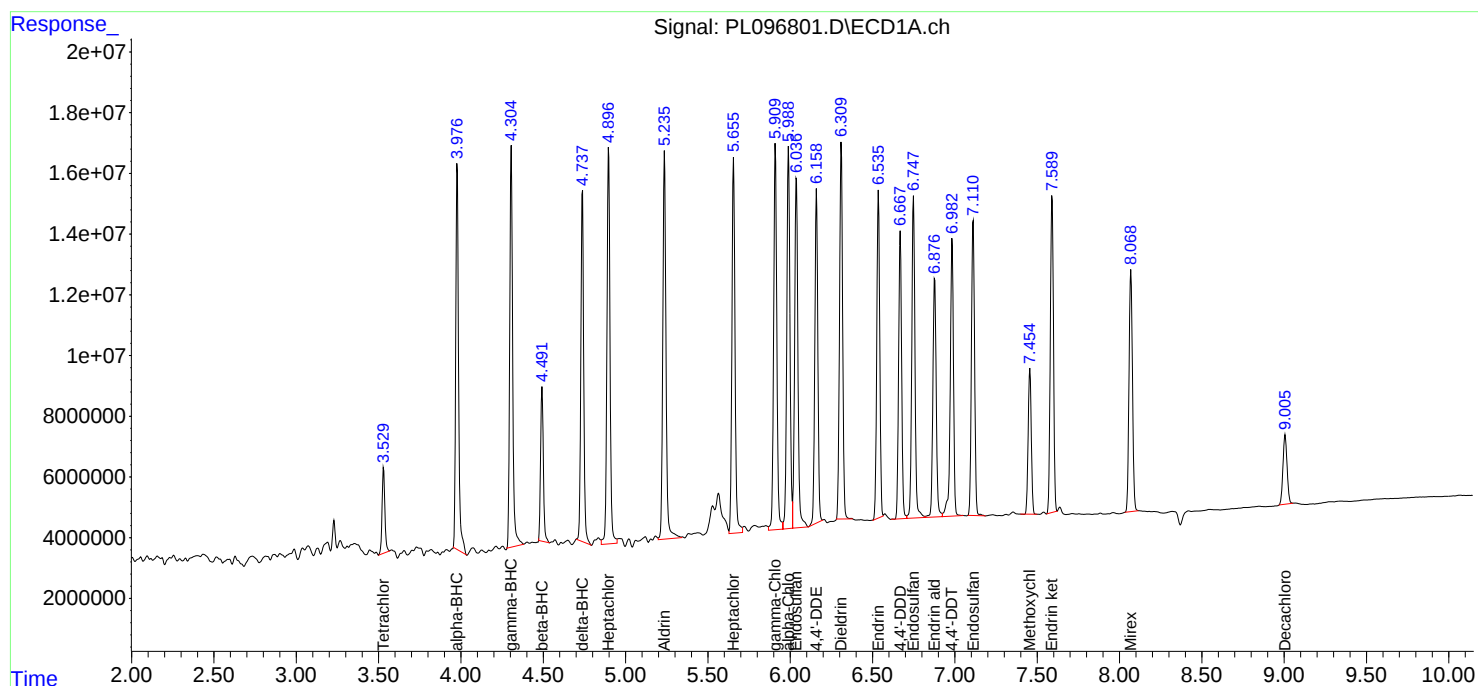
Instrument :
ECD_L
ClientSampleId :
TP-11MS

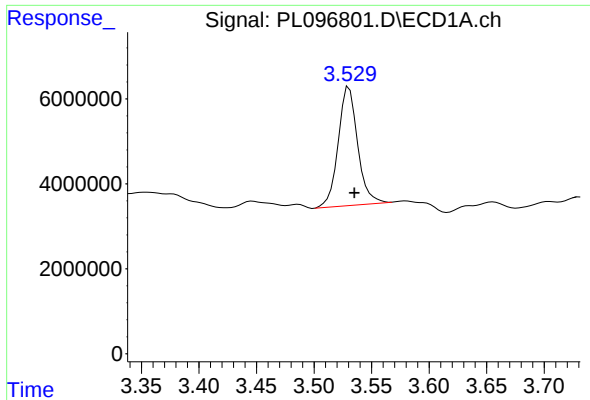
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 05:16:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





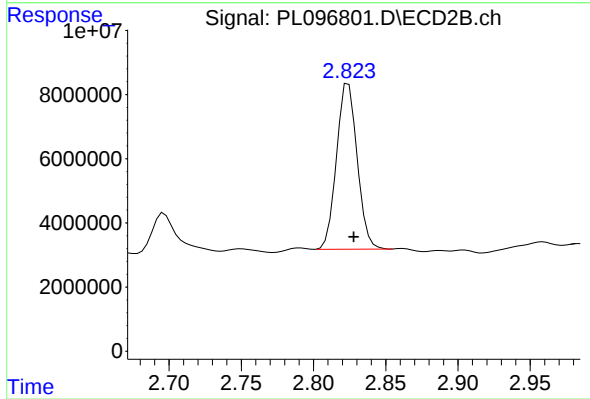
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.005 min
Response: 32906449
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

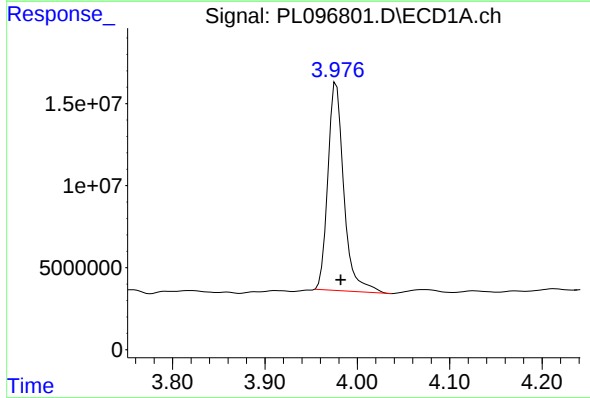
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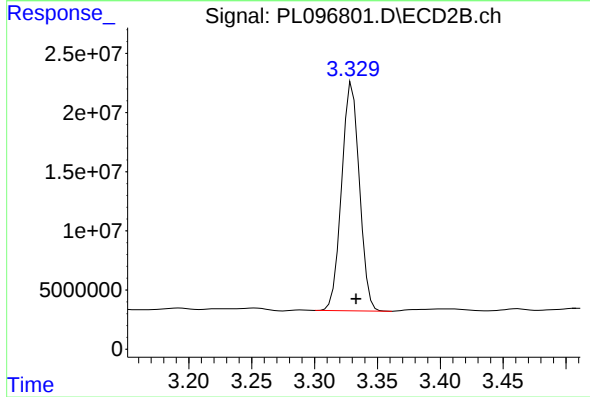
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 51367313
Conc: 10.75 ng/ml



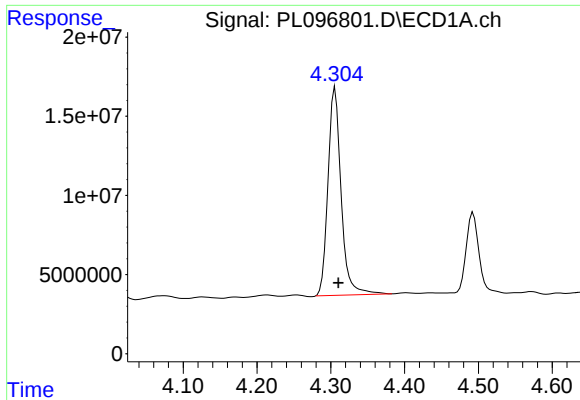
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.005 min
Response: 152454166
Conc: 32.95 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 189946215
Conc: 26.84 ng/ml



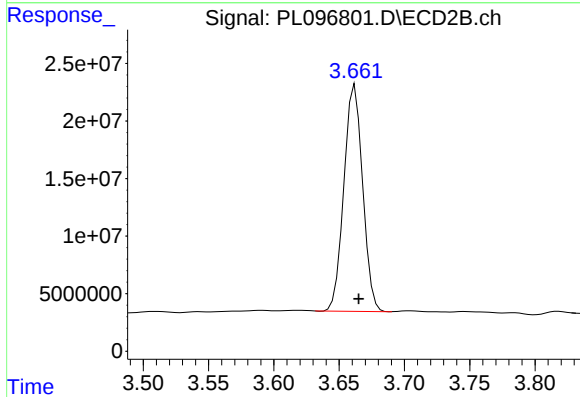
#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.005 min
Response: 162597455
Conc: 36.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

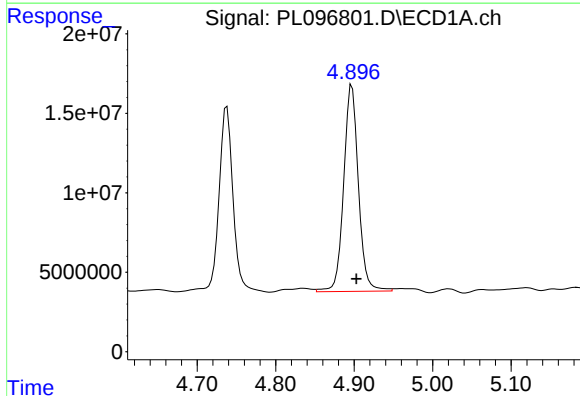
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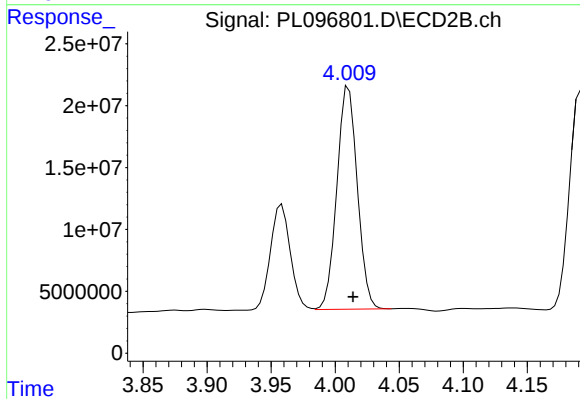
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 196692976
Conc: 29.79 ng/ml



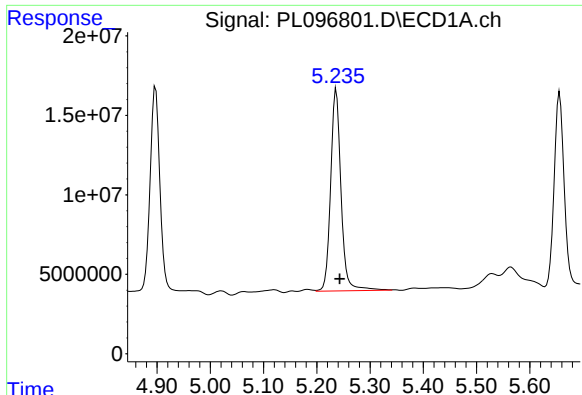
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 169886074
Conc: 40.88 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 199856693
Conc: 30.00 ng/ml



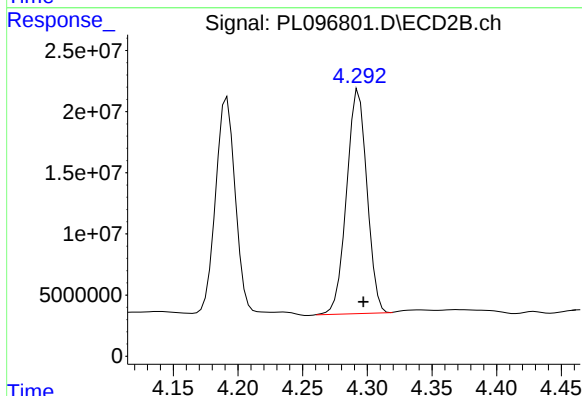
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.006 min
Response: 172870921
Conc: 40.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

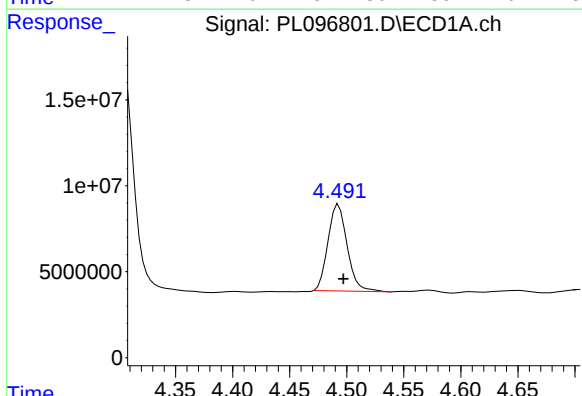
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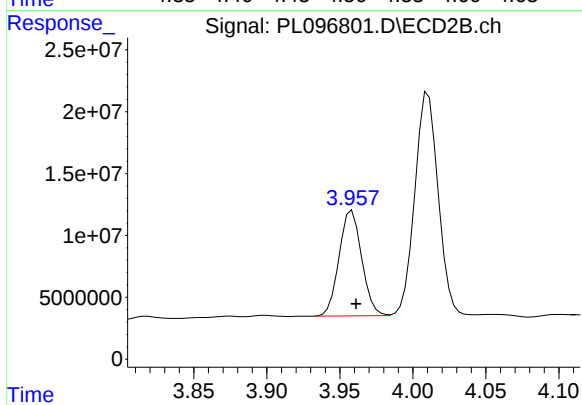
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 200326096
Conc: 32.27 ng/ml



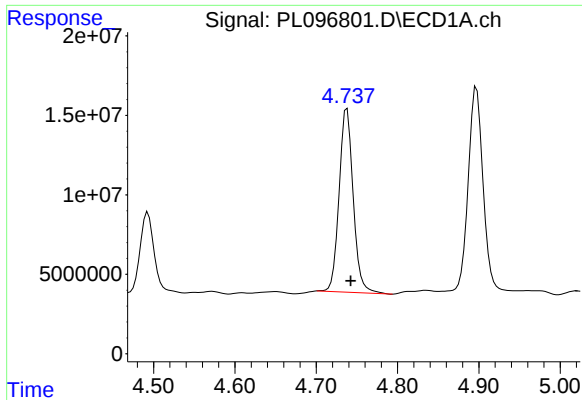
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 58969914
Conc: 32.67 ng/ml



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 91715408
Conc: 32.51 ng/ml



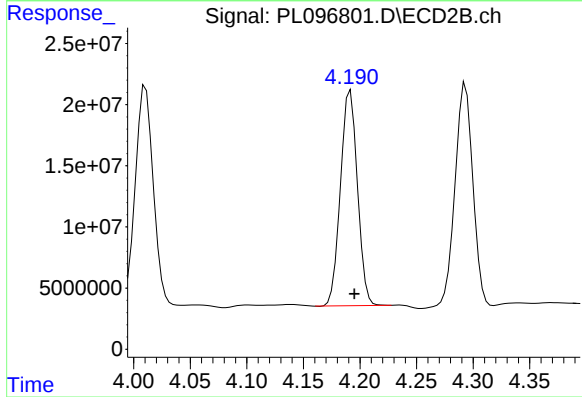
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 139225564
Conc: 34.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

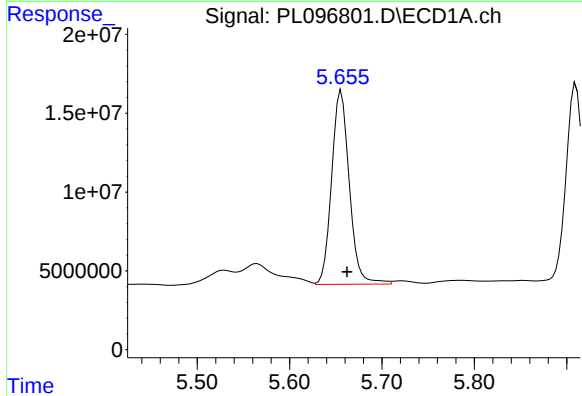
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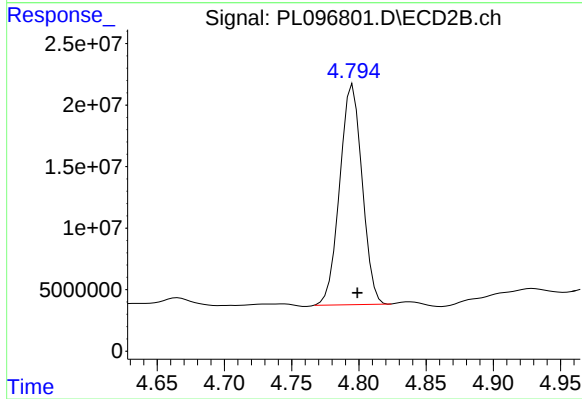
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 183881149
Conc: 28.40 ng/ml



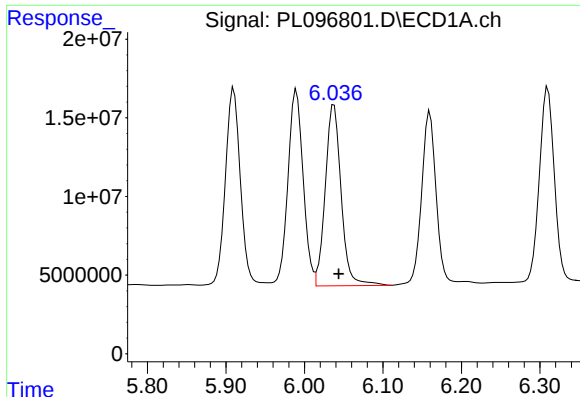
#8 Heptachlor epoxide

R.T.: 5.656 min
Delta R.T.: -0.006 min
Response: 163667190
Conc: 42.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 207133821
Conc: 36.27 ng/ml



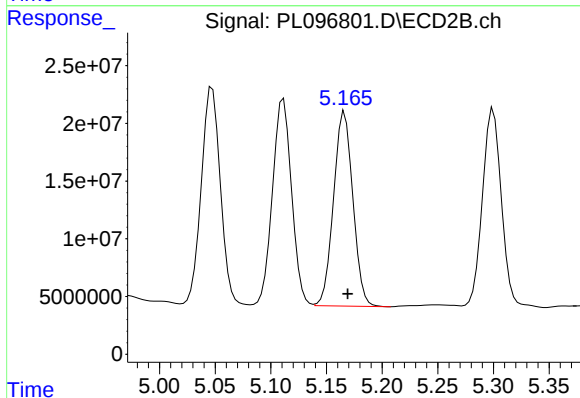
#9 Endosulfan I

R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 161985199
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

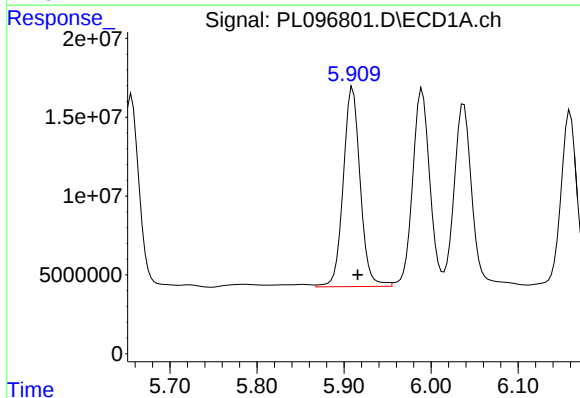
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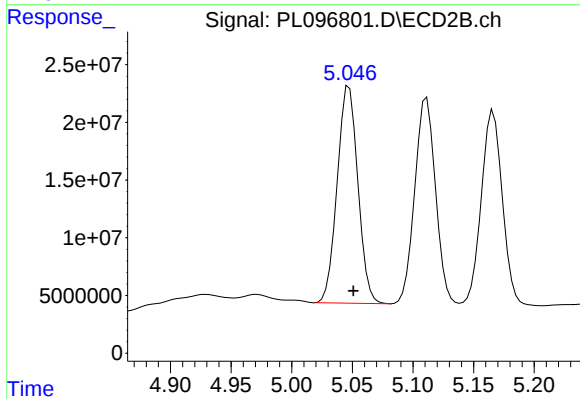
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 203590359
Conc: 36.81 ng/ml



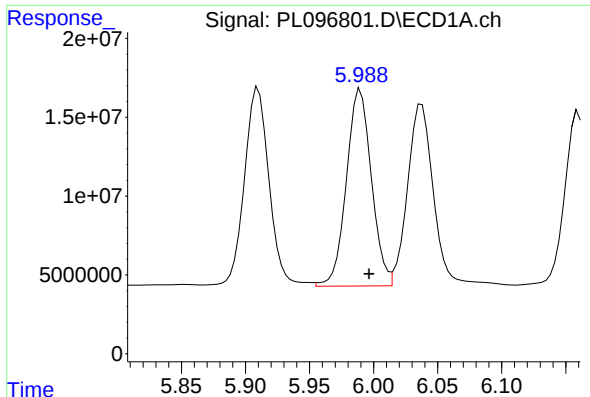
#10 gamma-Chlordane

R.T.: 5.910 min
Delta R.T.: -0.006 min
Response: 170983481
Conc: 44.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 222990375
Conc: 37.92 ng/ml



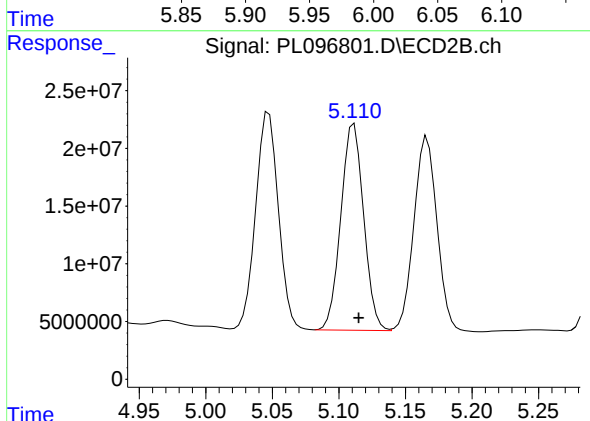
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.007 min
Response: 169727626
Conc: 44.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

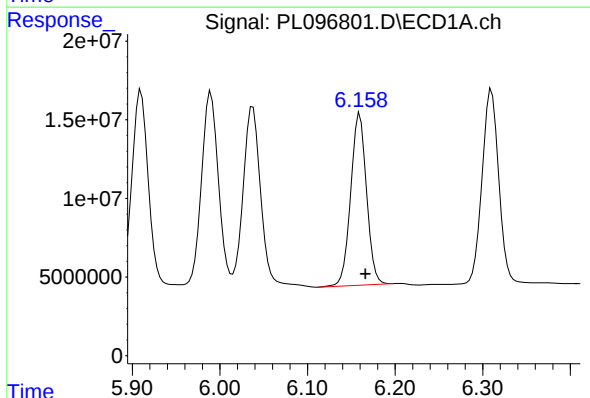
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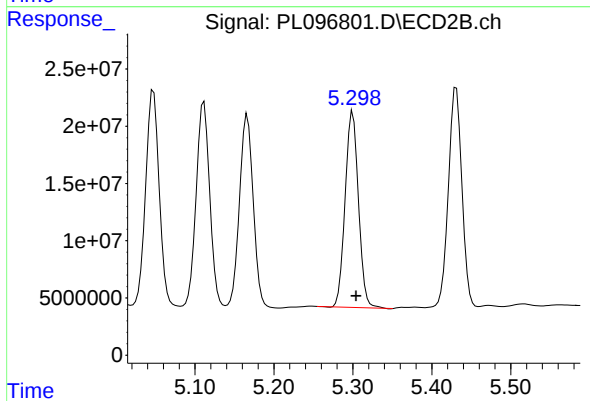
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 213526163
Conc: 36.20 ng/ml



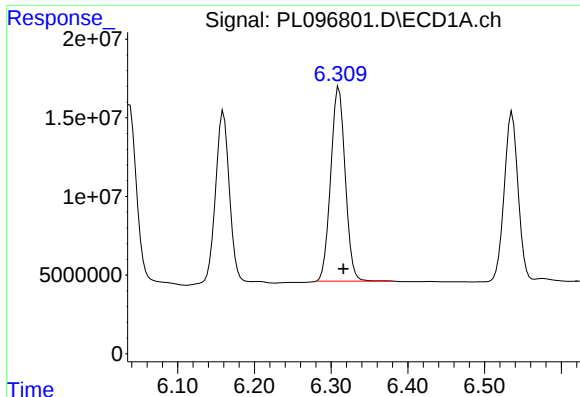
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 136984035
Conc: 42.66 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 200767861
Conc: 36.41 ng/ml



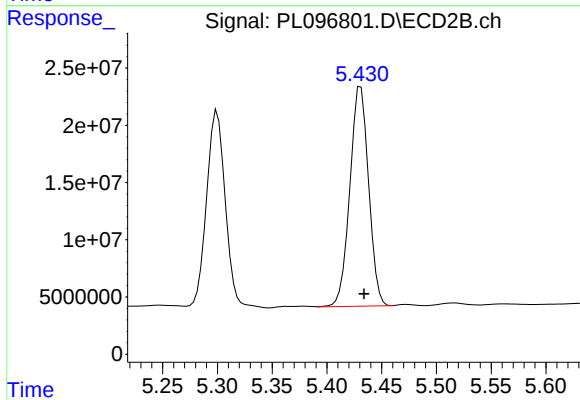
#13 Dieldrin

R.T.: 6.310 min
Delta R.T.: -0.006 min
Response: 161921925
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

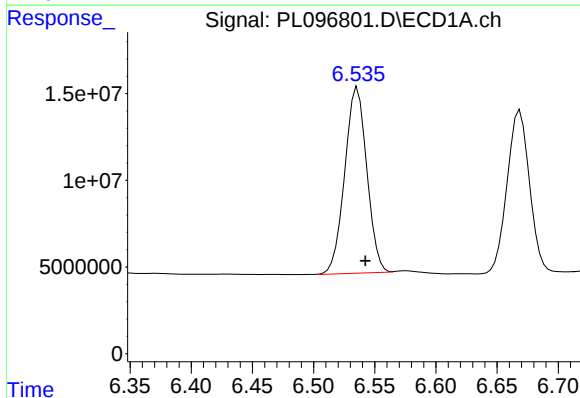
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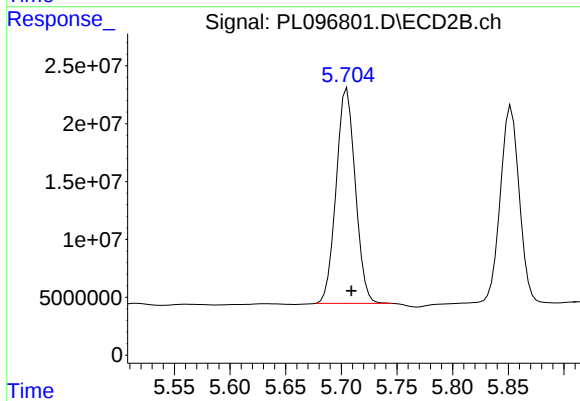
#13 Dieldrin

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 228334424
Conc: 38.66 ng/ml



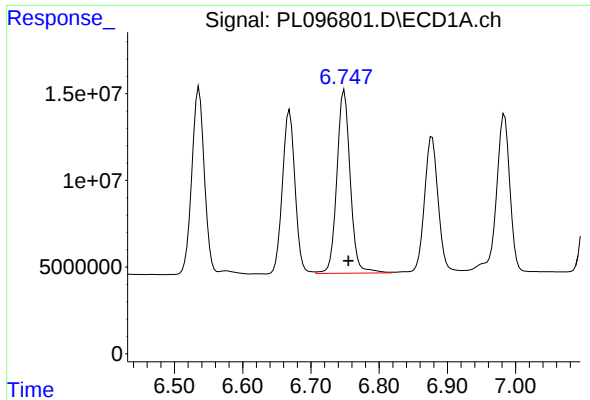
#14 Endrin

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 134804301
Conc: 44.54 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 222393710
Conc: 41.14 ng/ml



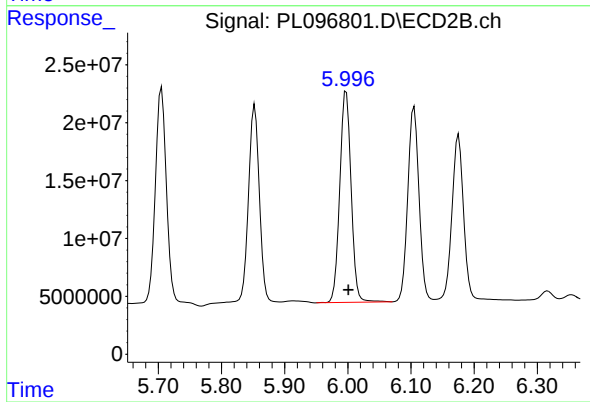
#15 Endosulfan II

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 144162301
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

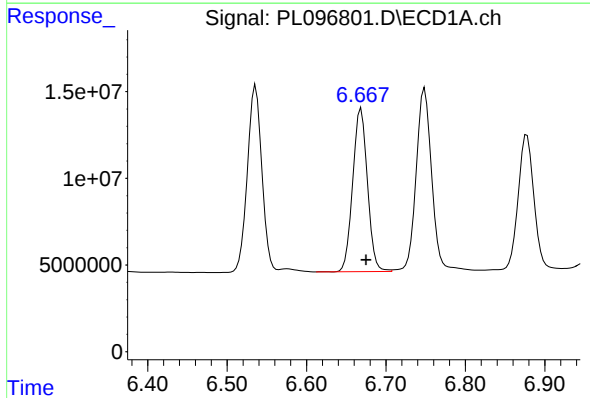
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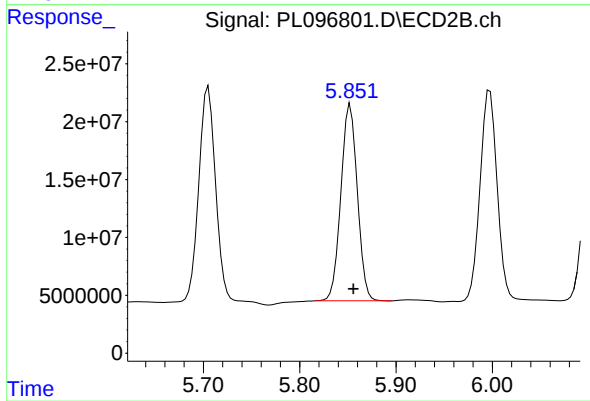
#15 Endosulfan II

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 227940759
Conc: 44.38 ng/ml



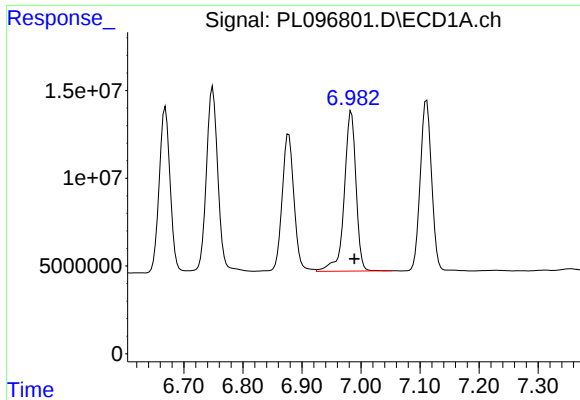
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 121140129
Conc: 47.91 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 200744731
Conc: 42.66 ng/ml



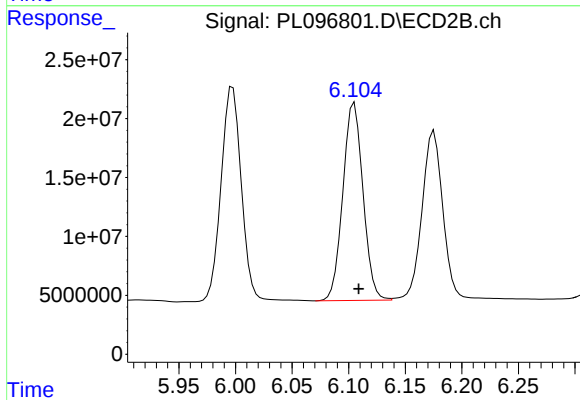
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: -0.006 min
Response: 126115455
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

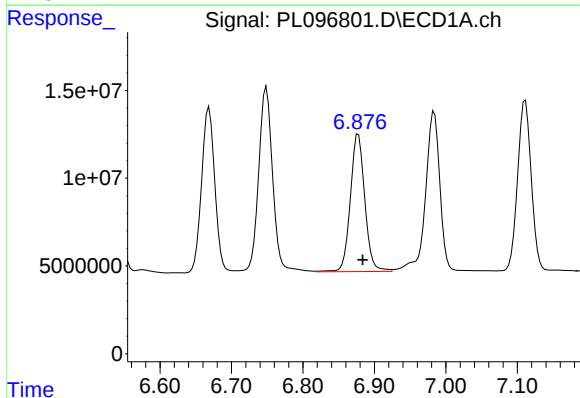
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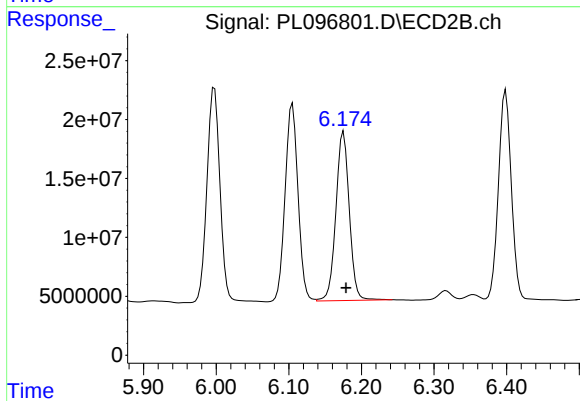
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 207562140
Conc: 41.03 ng/ml



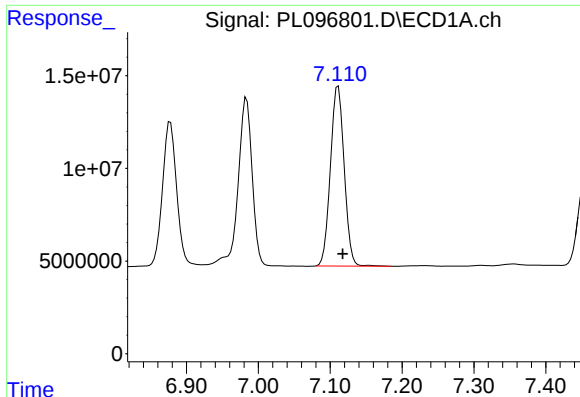
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: -0.006 min
Response: 110332969
Conc: 51.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 183686189
Conc: 50.53 ng/ml



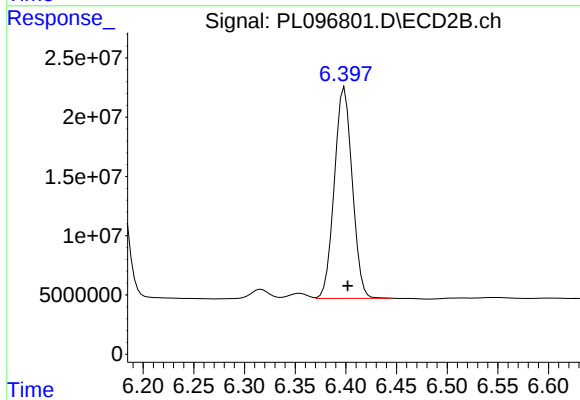
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.006 min
Response: 129260817
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

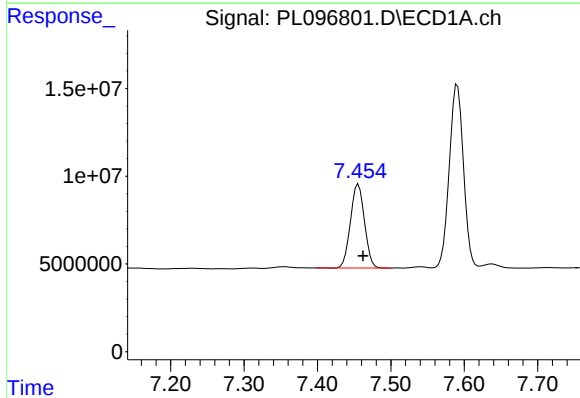
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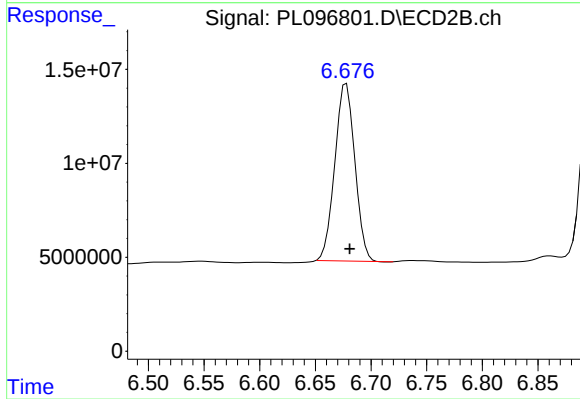
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 219075214
Conc: 43.07 ng/ml



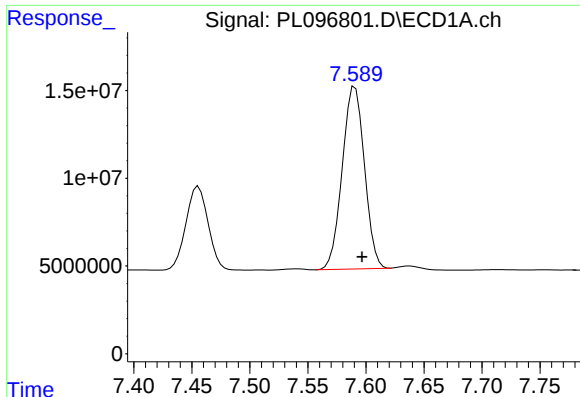
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 63334496
Conc: 43.13 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 118011083
Conc: 43.06 ng/ml



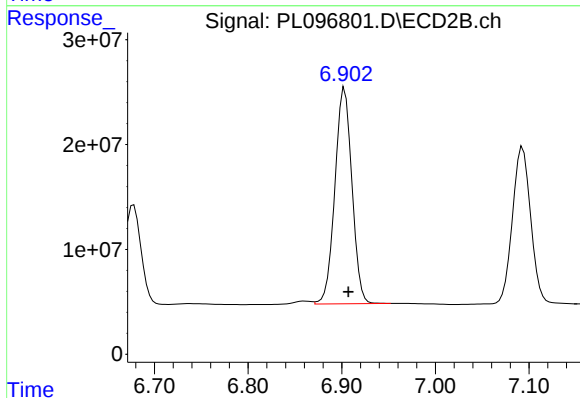
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: -0.006 min
Response: 138437027
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

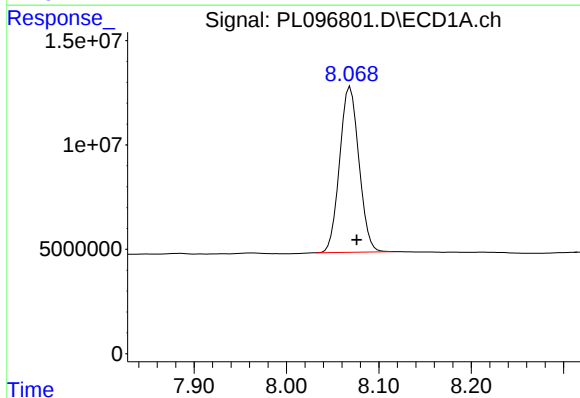
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



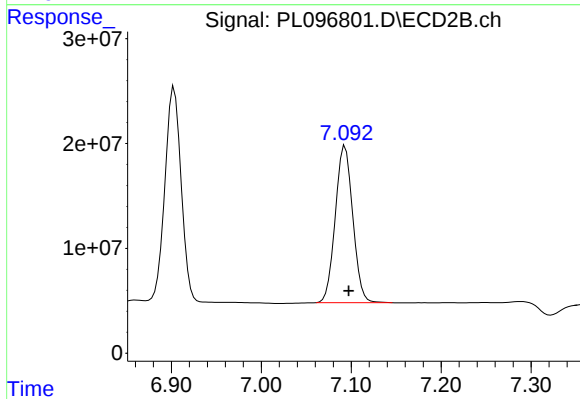
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 260799144
Conc: 46.82 ng/ml



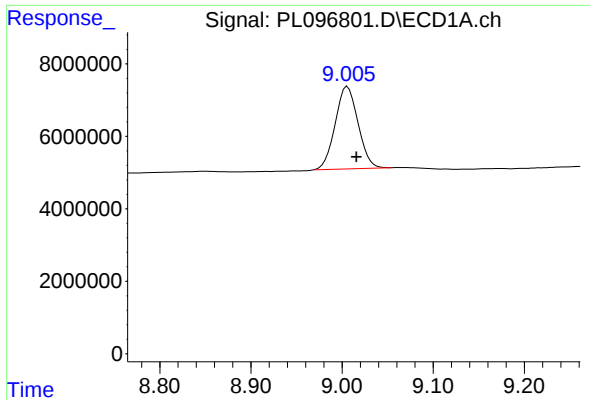
#22 Mirex

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 115256511
Conc: 46.49 ng/ml m



#22 Mirex

R.T.: 7.093 min
Delta R.T.: -0.004 min
Response: 202730515
Conc: 46.49 ng/ml



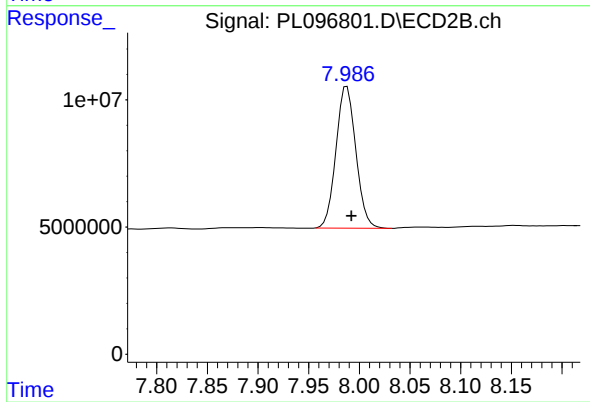
#28 Decachlorobiphenyl

R.T.: 9.006 min
Delta R.T.: -0.010 min
Response: 39544419
Conc: 16.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 76200456
Conc: 17.56 ng/ml