

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102125\
 Data File : PD090730.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 15:59
 Operator : AR\AJ
 Sample : Q3402-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 41-LBMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/24/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 13:10:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.874	41728801	416.9E6	13.400m	14.000
28)	SA Decachlor...	9.067	8.062	36908159	249.3E6	7.890	8.229
Target Compounds							
2)	A alpha-BHC	3.994	3.386	350.4E6	2428.1E6	48.819	47.521
3)	MA gamma-BHC...	4.325	3.722	323.0E6	2245.1E6	47.510	47.516
4)	MA Heptachlor	4.923	4.075	308.9E6	2134.7E6	55.270	47.861
5)	MB Aldrin	5.264	4.360	312.1E6	2206.4E6	47.673	47.635
6)	B beta-BHC	4.512	4.018	120.9E6	926.4E6	46.142	46.717
7)	B delta-BHC	4.760	4.254	331.5E6	2270.8E6	49.032	47.590
8)	B Heptachlo...	5.685	4.864	277.6E6	2023.4E6	47.957	47.454
9)	A Endosulfan I	6.068	5.238	261.5E6	1858.8E6	47.238	47.189
10)	B gamma-Chl...	5.940	5.116	278.7E6	2172.1E6	46.984	48.324
11)	B alpha-Chl...	6.021	5.181	284.6E6	2073.6E6	46.044	48.070
12)	B 4,4'-DDE	6.190	5.365	248.6E6	2090.7E6	46.672	47.692
13)	MA Dieldrin	6.341	5.504	280.8E6	2124.3E6	48.153	48.078
14)	MA Endrin	6.568	5.781	238.9E6	1950.3E6	48.223	48.164
15)	B Endosulfa...	6.781	6.072	235.3E6	1820.5E6	47.057	48.475
16)	A 4,4'-DDD	6.700	5.921	197.1E6	1662.3E6	48.622	45.621
17)	MA 4,4'-DDT	7.016	6.174	202.1E6	1758.8E6	49.162	50.146
18)	B Endrin al...	6.911	6.250	172.3E6	1329.8E6	47.047	48.021
19)	B Endosulfa...	7.145	6.474	215.5E6	1732.3E6	46.470	48.327
20)	A Methoxychlor	7.489	6.745	101.9E6	856.2E6	47.940	49.130
21)	B Endrin ke...	7.626	6.983	230.8E6	1849.1E6	47.502	49.026
22)	Mirex	8.109	7.176	144.7E6	1223.3E6	45.199	47.617

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102125\
Data File : PD090730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:59
Operator : AR\AJ
Sample : Q3402-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

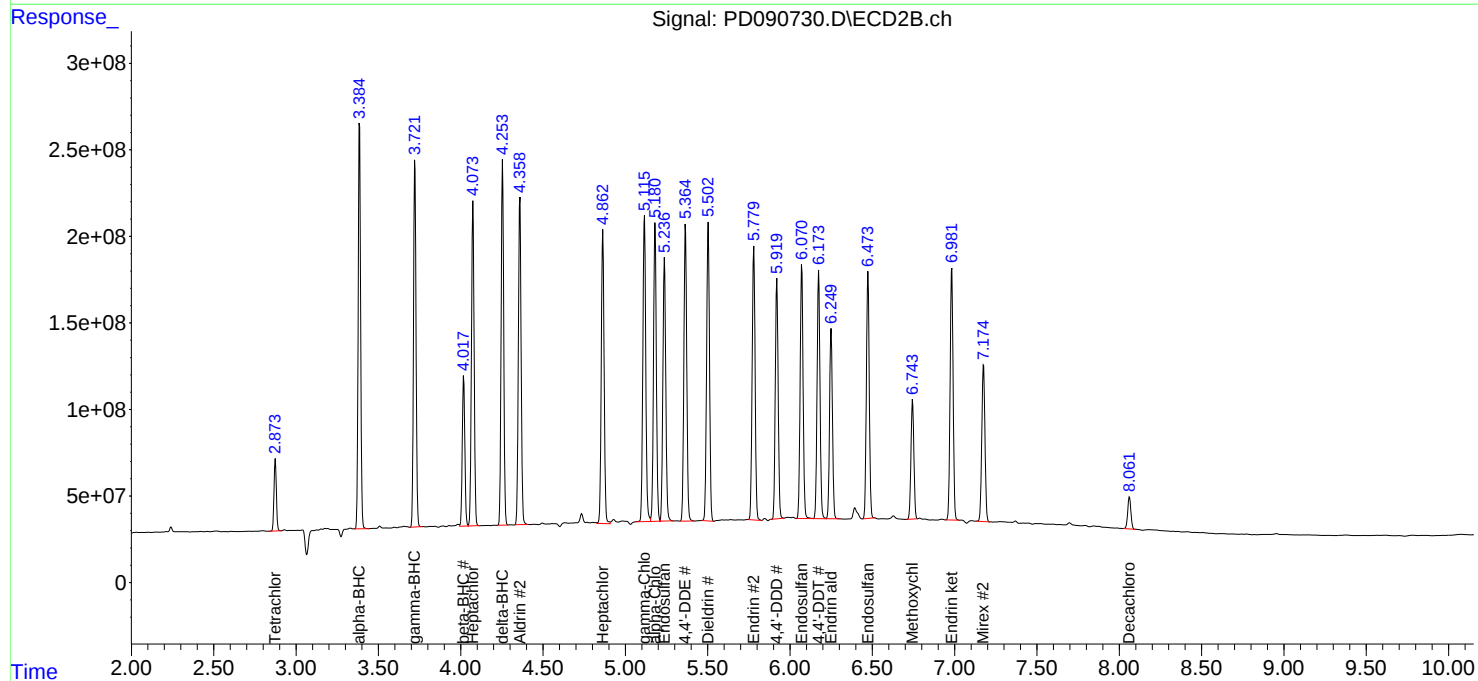
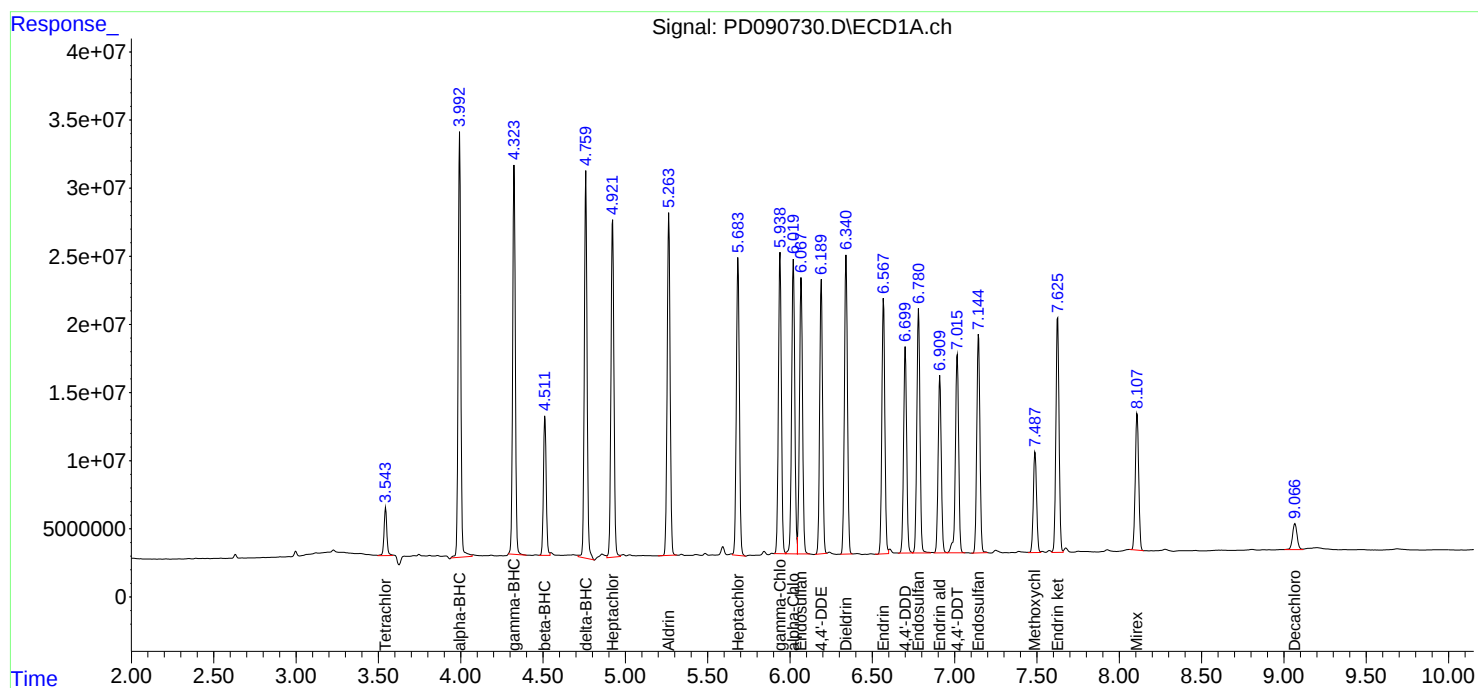
Instrument :
ECD_D
ClientSampleId :
41-LBMS

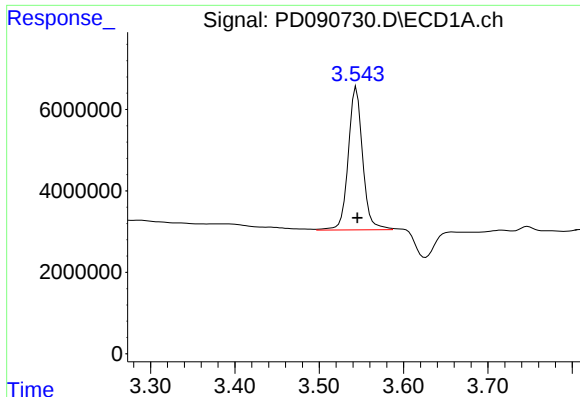
Manual Integrations
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Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 13:10:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm





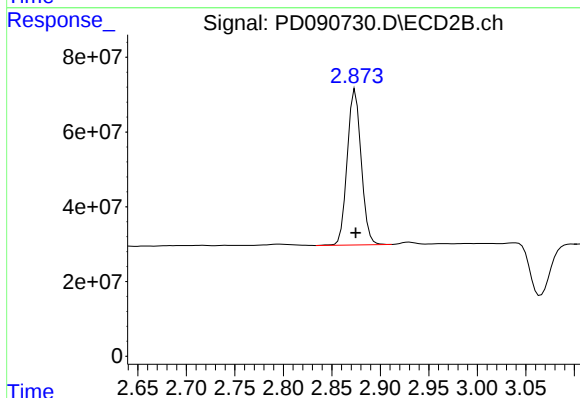
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 41728801
Conc: 13.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

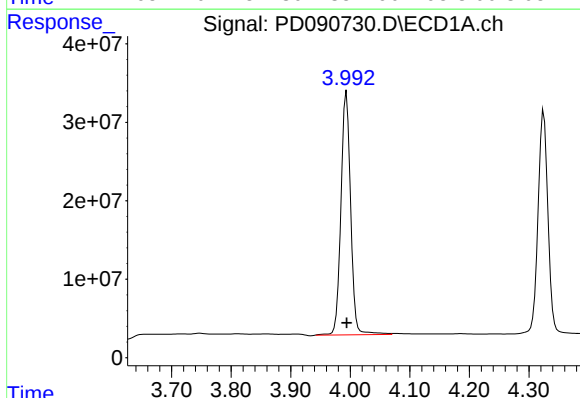
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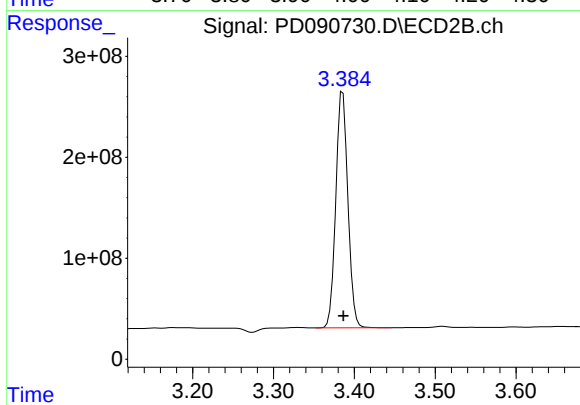
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 416870210
Conc: 14.00 ng/ml



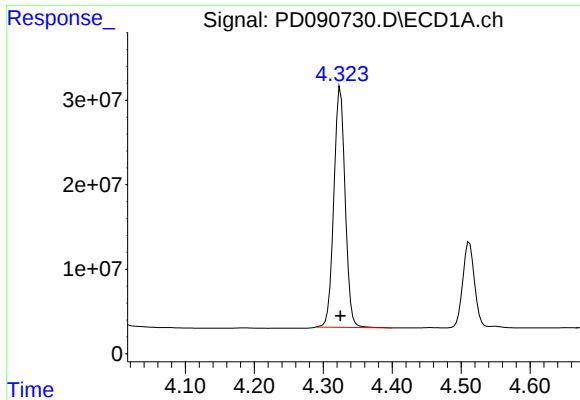
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 350379427
Conc: 48.82 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2428143518
Conc: 47.52 ng/ml



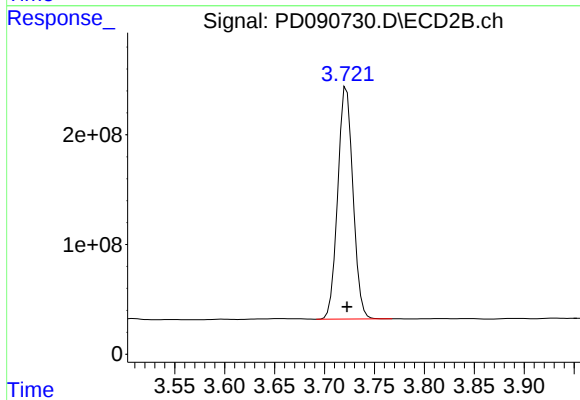
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 323010650
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

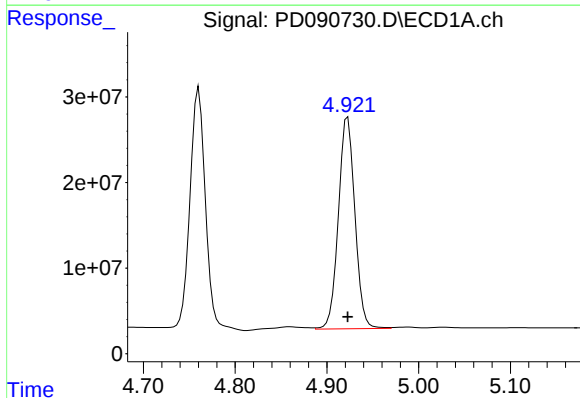
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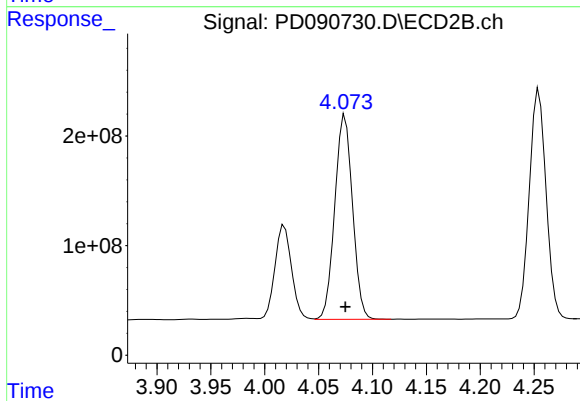
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2245055267
Conc: 47.52 ng/ml



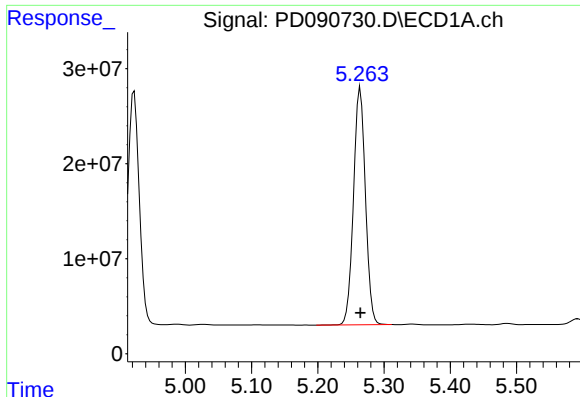
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 308932364
Conc: 55.27 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2134719554
Conc: 47.86 ng/ml



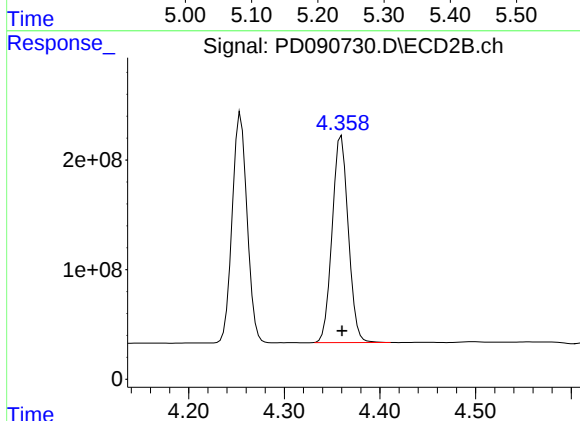
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 312130437
Conc: 47.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

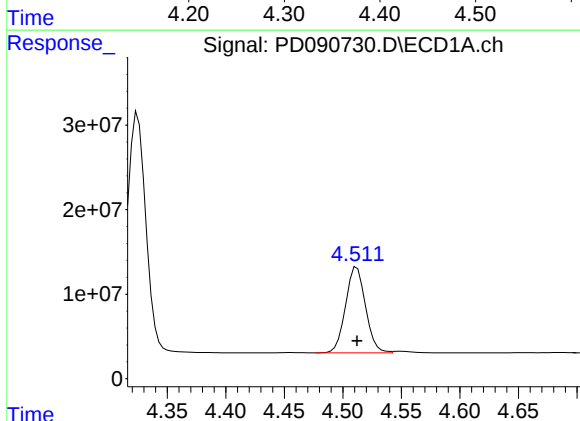
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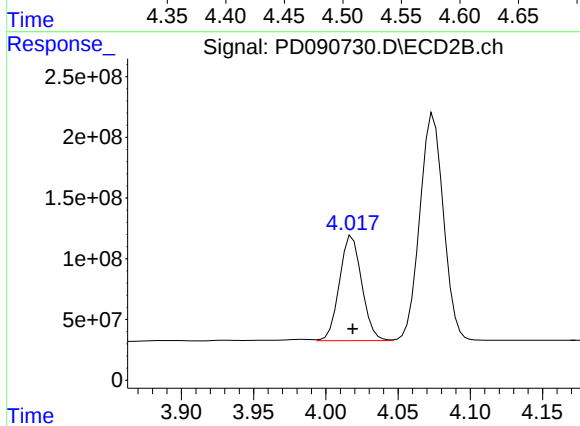
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2206411650
Conc: 47.64 ng/ml



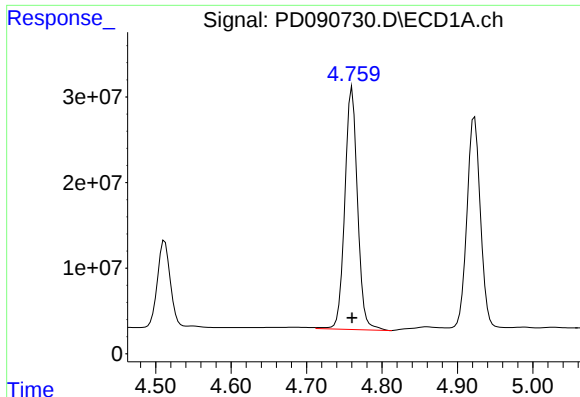
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 120875023
Conc: 46.14 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 926370403
Conc: 46.72 ng/ml



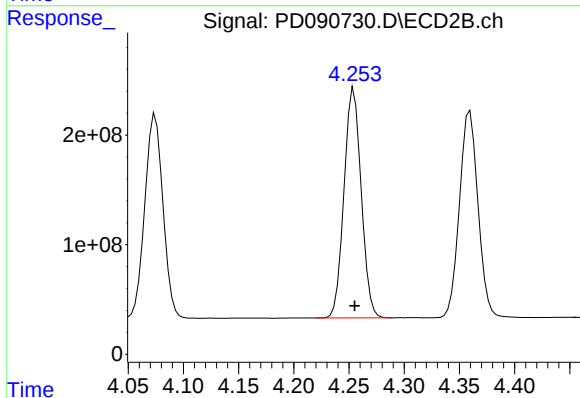
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 331538156
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

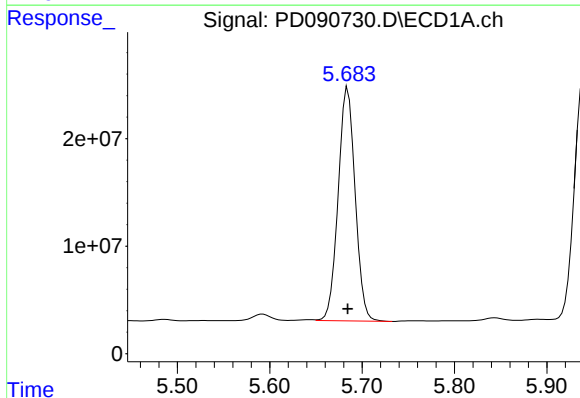
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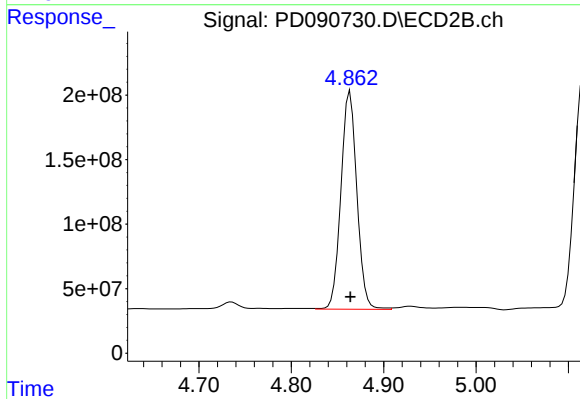
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 2270818165
Conc: 47.59 ng/ml



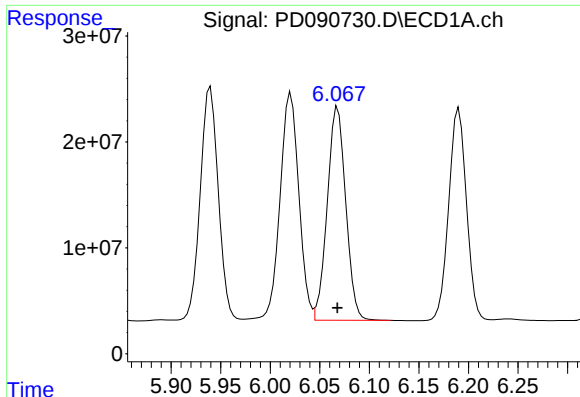
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 277624196
Conc: 47.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 2023397164
Conc: 47.45 ng/ml



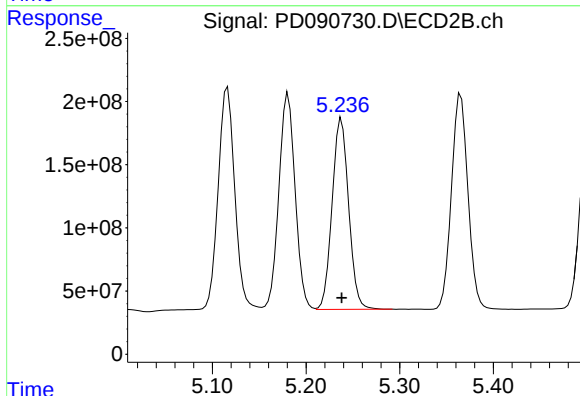
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 261540087
Conc: 47.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

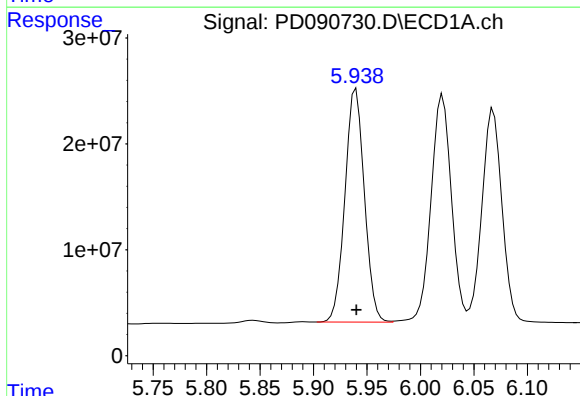
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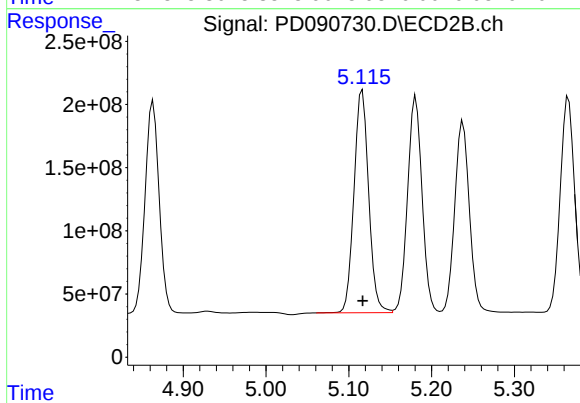
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1858792651
Conc: 47.19 ng/ml



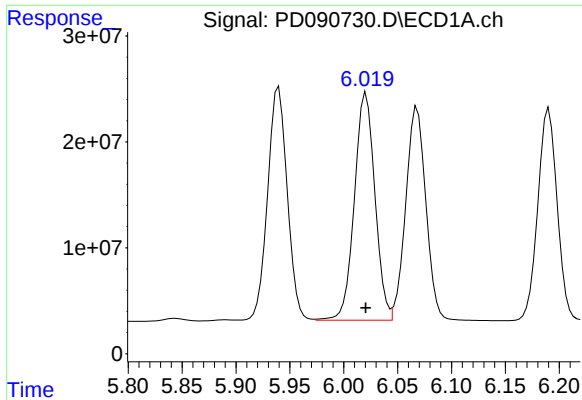
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 278667829
Conc: 46.98 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2172118879
Conc: 48.32 ng/ml



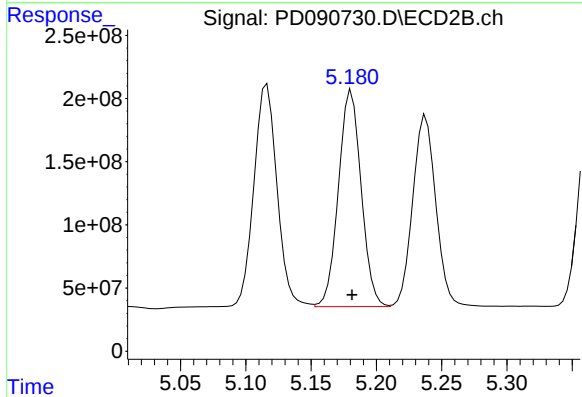
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 284560597
Conc: 46.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

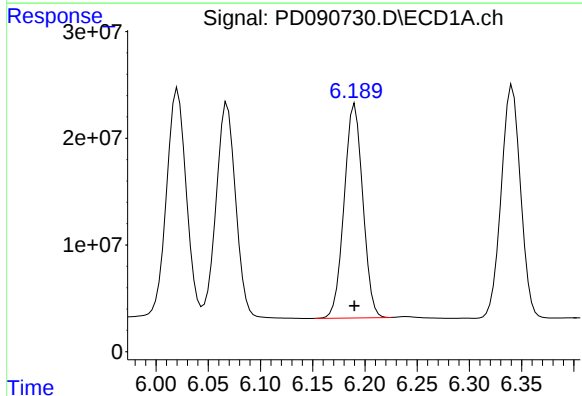
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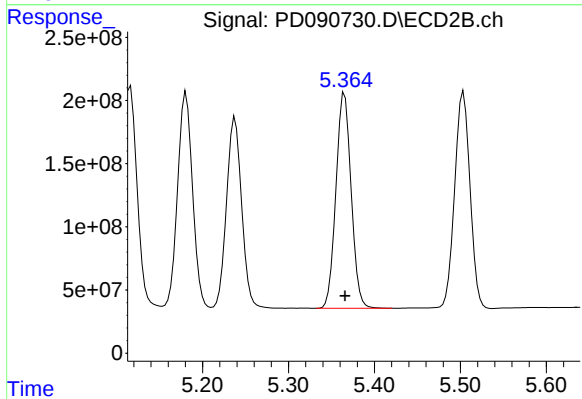
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2073609961
Conc: 48.07 ng/ml



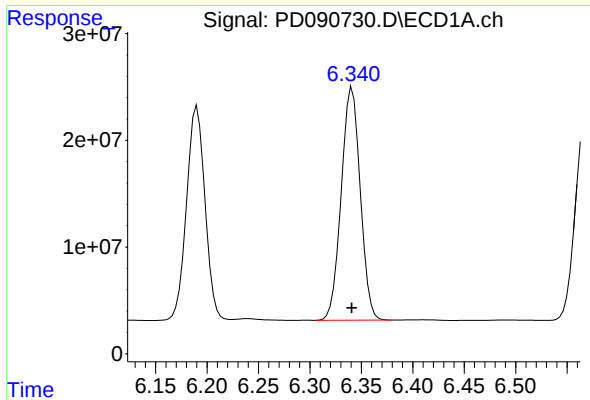
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 248605797
Conc: 46.67 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 2090739686
Conc: 47.69 ng/ml



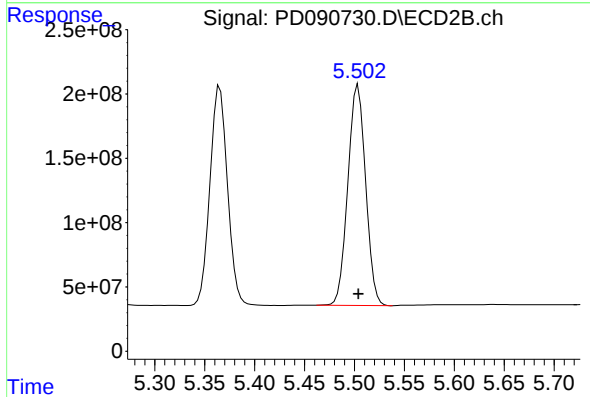
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 280795175
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

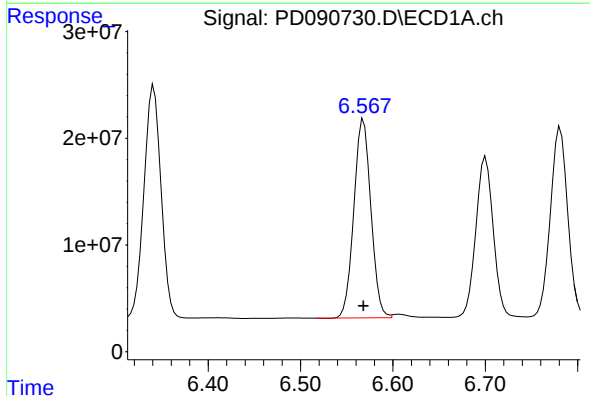
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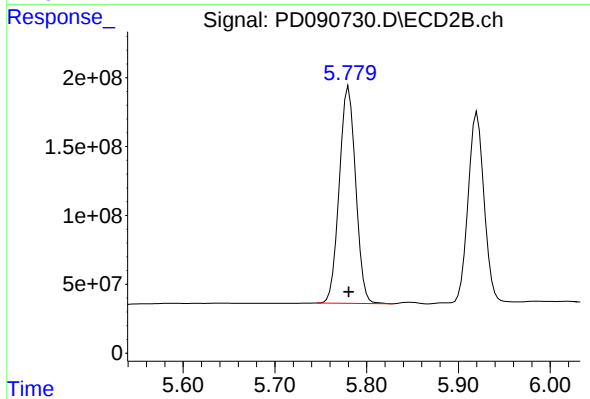
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 2124287660
Conc: 48.08 ng/ml



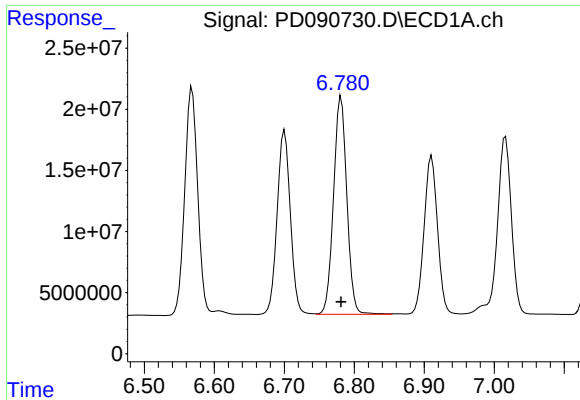
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 238882008
Conc: 48.22 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1950340242
Conc: 48.16 ng/ml



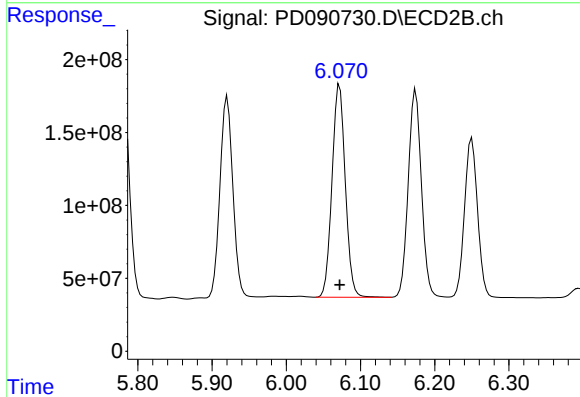
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 235284827
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

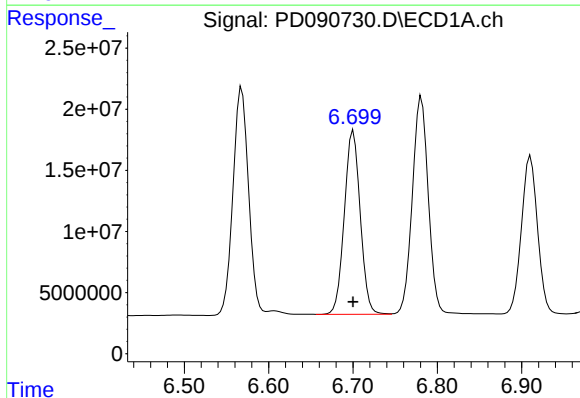
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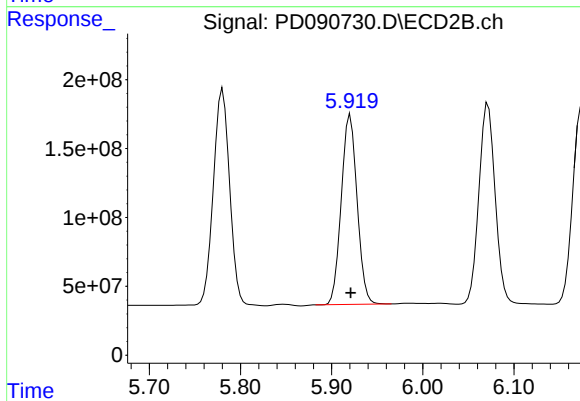
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1820493010
Conc: 48.47 ng/ml



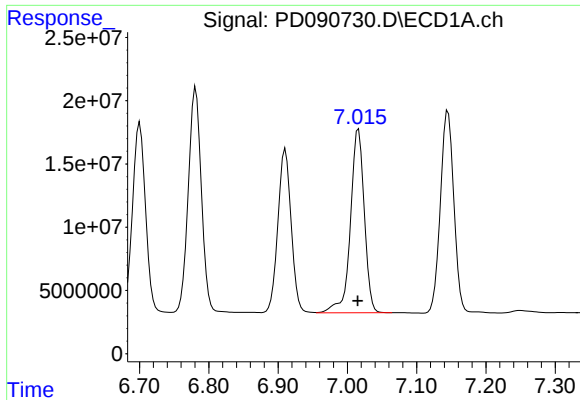
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 197125637
Conc: 48.62 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1662323224
Conc: 45.62 ng/ml



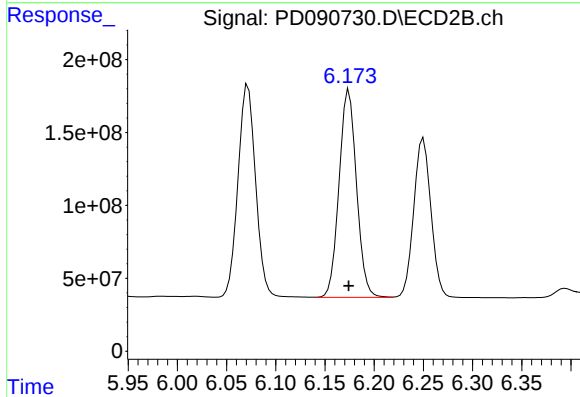
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 202079196
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

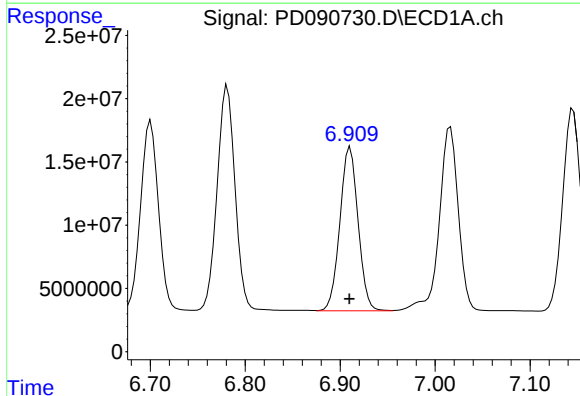
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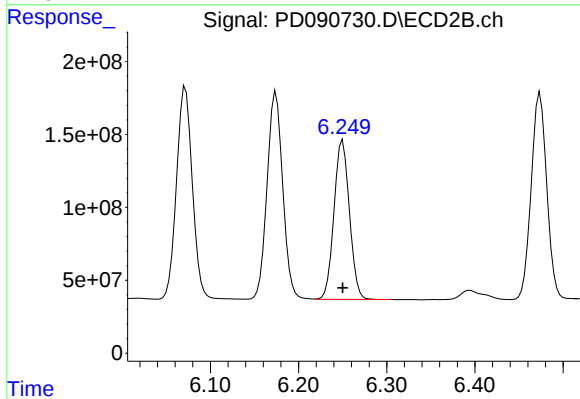
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1758780953
Conc: 50.15 ng/ml



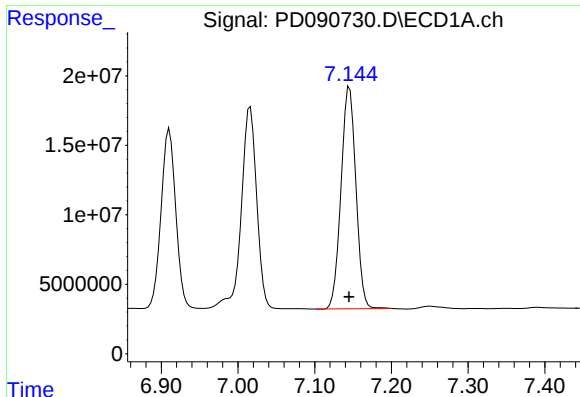
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 172318543
Conc: 47.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1329843926
Conc: 48.02 ng/ml



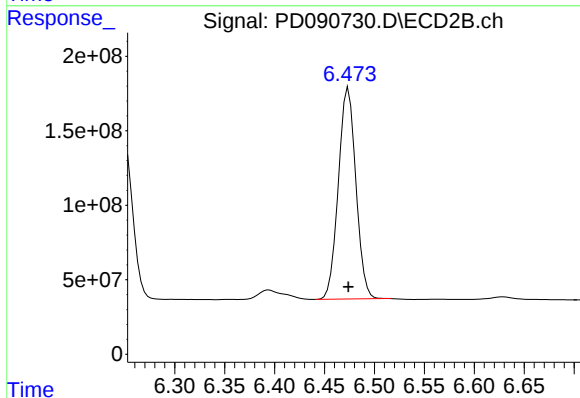
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 215536855
Conc: 46.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
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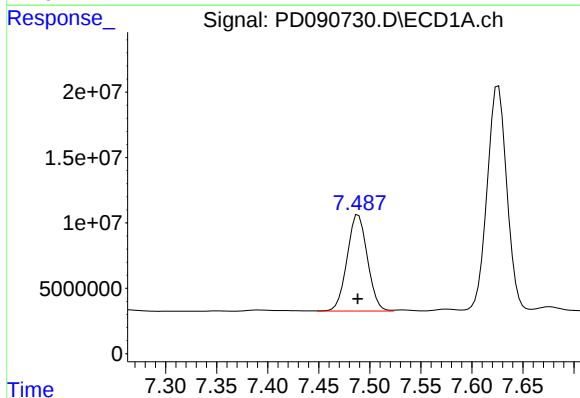
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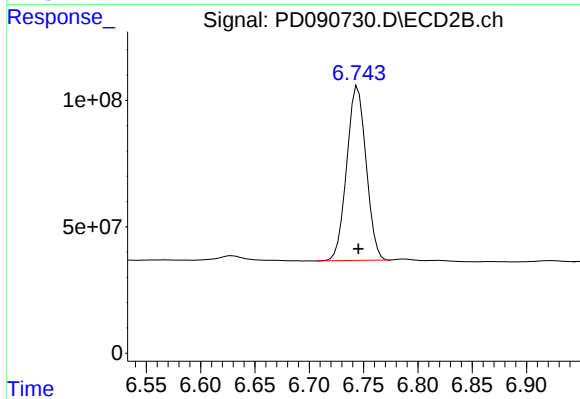
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1732265072
Conc: 48.33 ng/ml



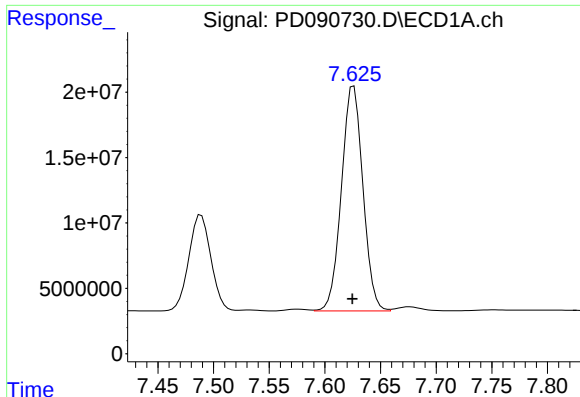
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 101900857
Conc: 47.94 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 856234546
Conc: 49.13 ng/ml



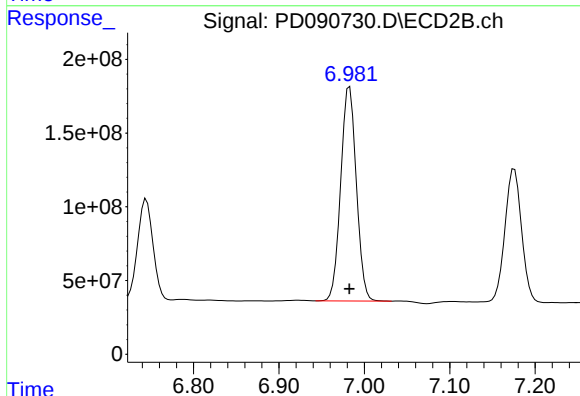
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 230807031
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

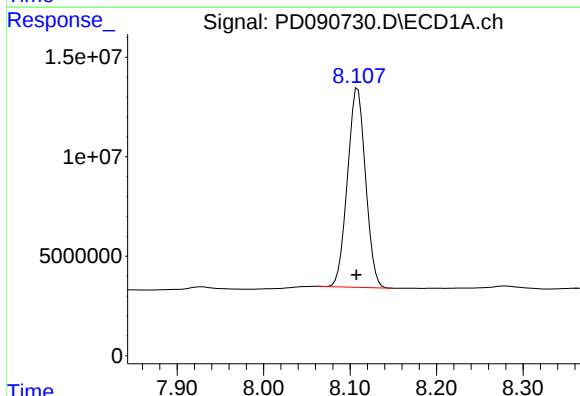
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



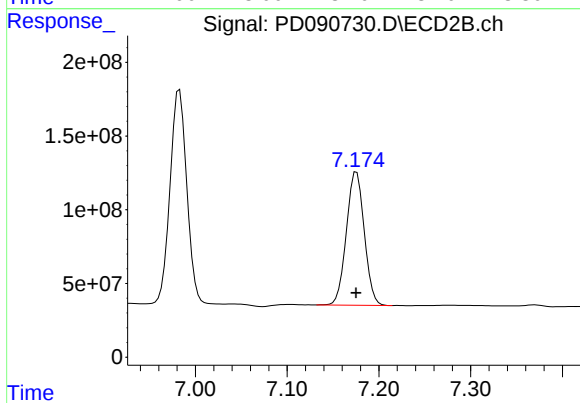
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 1849139534
Conc: 49.03 ng/ml



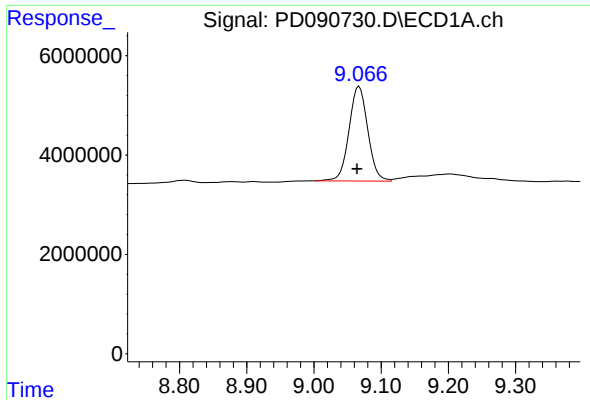
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.002 min
Response: 144674591
Conc: 45.20 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 1223312830
Conc: 47.62 ng/ml



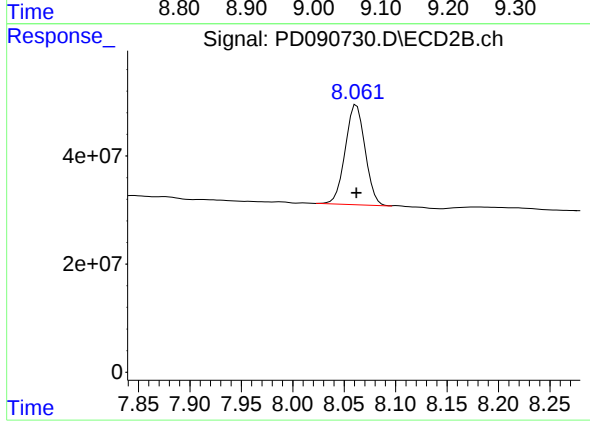
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 36908159
Conc: 7.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
41-LBMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/24/2025
Supervised By :mohammad ahmed 10/28/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 249280740
Conc: 8.23 ng/ml