

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
 Data File : PD090616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 19:03
 Operator : AR\AJ
 Sample : Q3341-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 C-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 09:44:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	47845451	461.3E6	14.720m	16.806m
28)	SA Decachlor...	9.067	8.062	75602900	406.8E6	15.669	12.549
Target Compounds							
2)	A alpha-BHC	3.995	3.387	356.3E6	2251.5E6	51.010	51.425
3)	MA gamma-BHC...	4.324	3.723	339.2E6	2034.1E6	51.260m	49.935
4)	MA Heptachlor	4.923	4.075	271.4E6	1966.9E6	41.037	48.306
5)	MB Aldrin	5.265	4.360	319.3E6	2011.8E6	50.287	50.376
6)	B beta-BHC	4.513	4.019	110.9E6	923.3E6	43.005	53.260
7)	B delta-BHC	4.759	4.255	330.0E6	2065.3E6	51.096m	50.013
8)	B Heptachlo...	5.685	4.864	282.6E6	1848.7E6	49.452	50.148
9)	A Endosulfan I	6.069	5.239	261.7E6	1563.2E6	48.459	45.173
10)	B gamma-Chl...	5.940	5.117	297.0E6	2112.7E6	51.992	53.778
11)	B alpha-Chl...	6.020	5.181	319.0E6	2004.6E6	55.374m	53.221
12)	B 4,4'-DDE	6.191	5.366	245.9E6	1873.5E6	47.212	48.943
13)	MA Dieldrin	6.341	5.504	277.2E6	1924.3E6	48.083	49.411
14)	MA Endrin	6.569	5.780	236.5E6	1749.7E6	48.332	48.829
15)	B Endosulfa...	6.781	6.072	230.2E6	1646.8E6	47.184	48.793
16)	A 4,4'-DDD	6.700	5.921	197.8E6	1464.2E6	48.270	45.153
17)	MA 4,4'-DDT	7.016	6.174	191.2E6	1477.3E6	42.943	42.970
18)	B Endrin al...	6.911	6.250	170.9E6	1176.3E6	49.815	49.954
19)	B Endosulfa...	7.145	6.474	209.9E6	1486.8E6	45.627	45.482
20)	A Methoxychlor	7.489	6.745	94915638	717.0E6	40.278	41.205
21)	B Endrin ke...	7.626	6.983	221.9E6	1504.7E6	44.858	41.678
22)	Mirex	8.108	7.176	154.2E6	1004.3E6	41.612	36.378

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
Data File : PD090616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2025 19:03
Operator : AR\AJ
Sample : Q3341-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

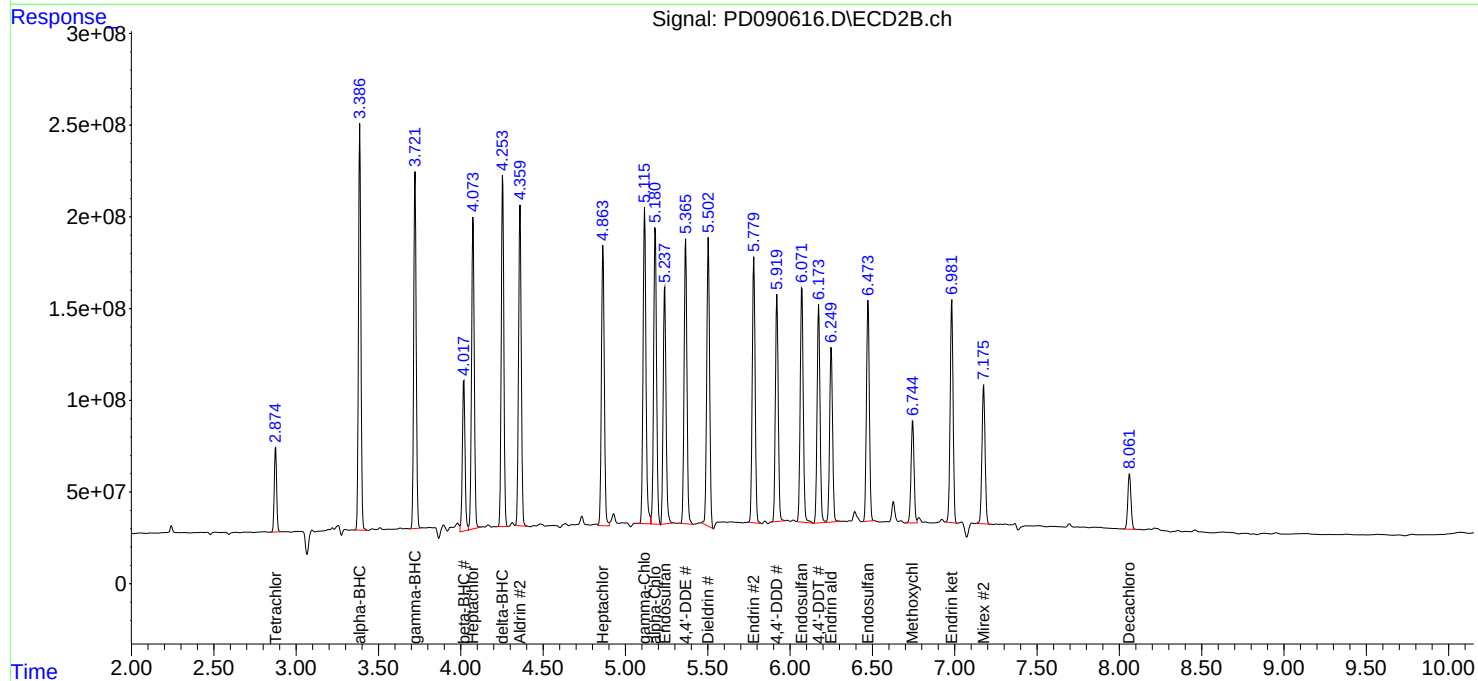
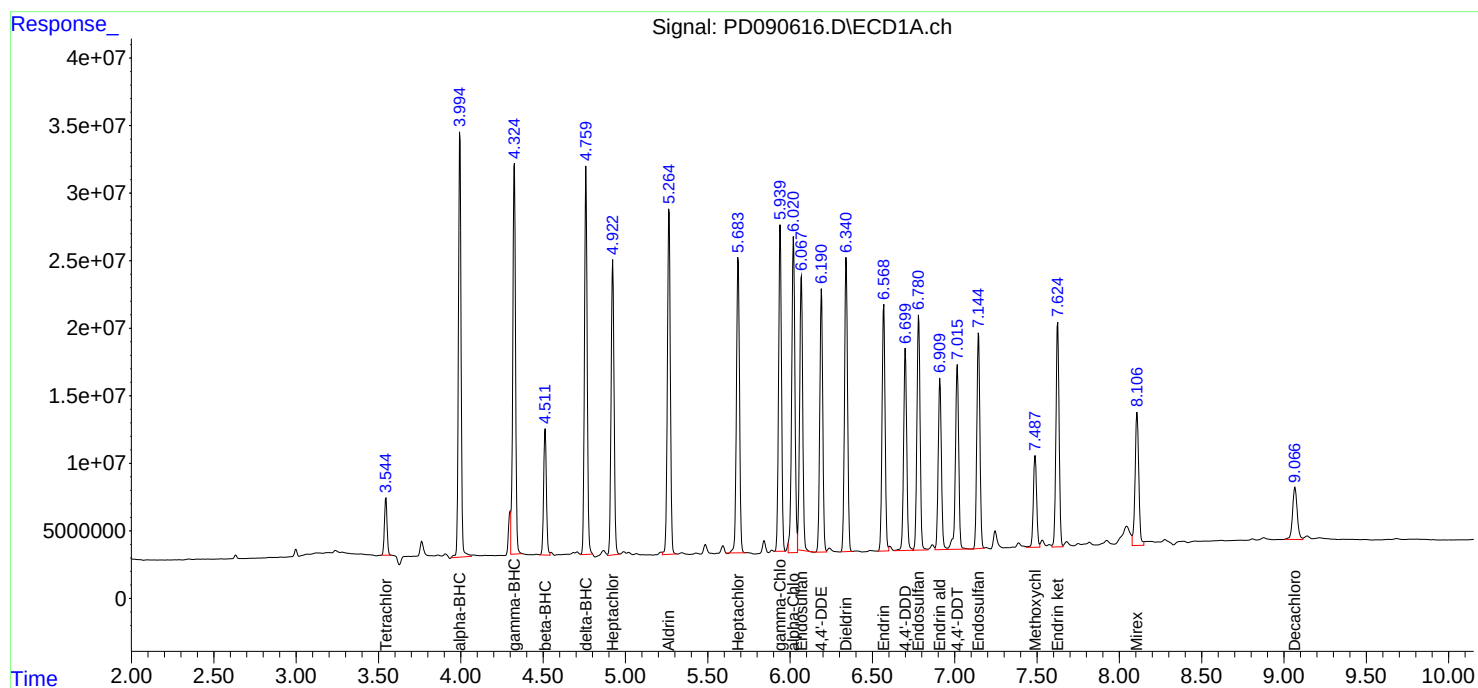
Instrument :
ECD_D
ClientSampleId :
C-1MS

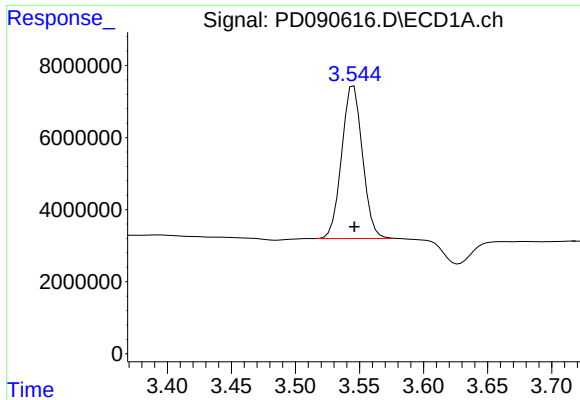
Manual Integrations
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Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 09:44:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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 x 0.25µm





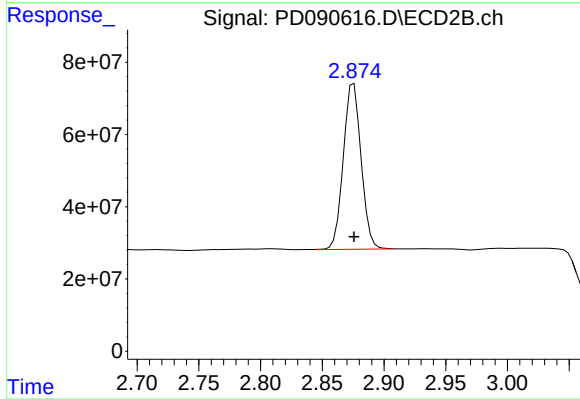
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 47845451
Conc: 14.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

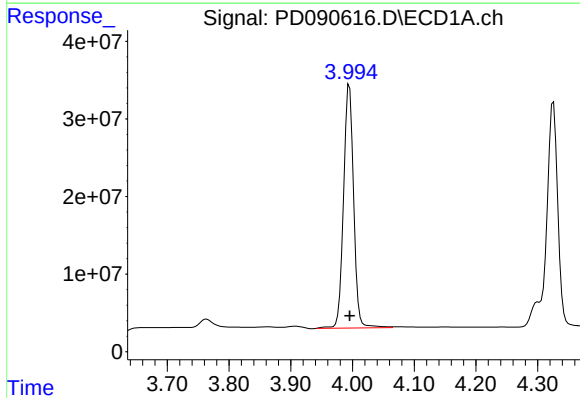
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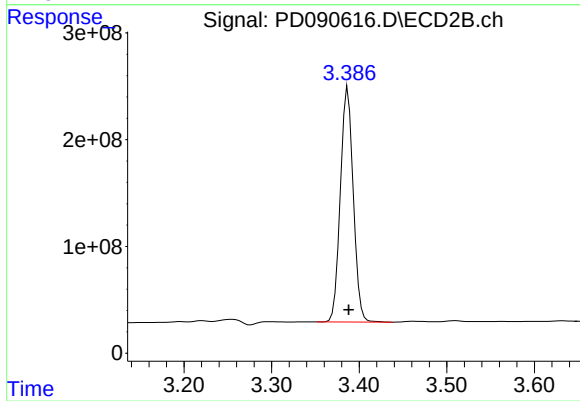
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 461313339
Conc: 16.81 ng/ml m



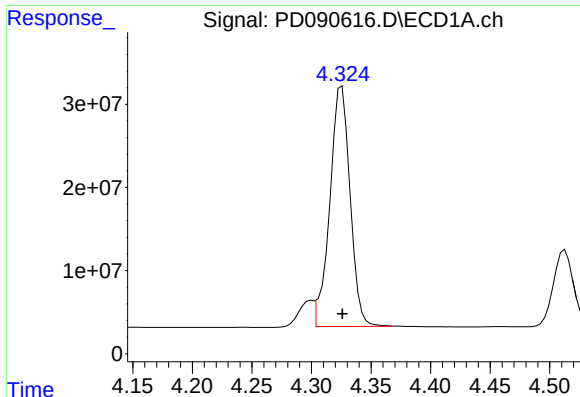
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 356283566
Conc: 51.01 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2251526426
Conc: 51.42 ng/ml



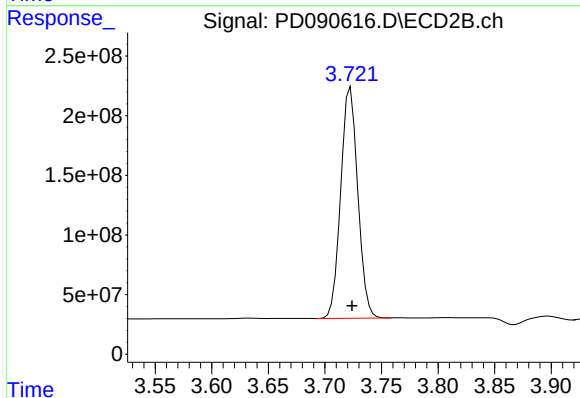
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 339179670
Conc: 51.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

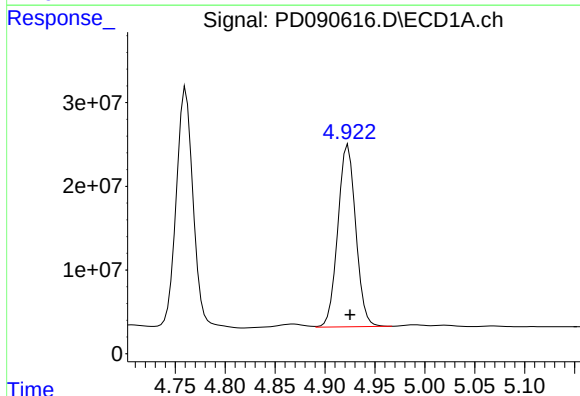
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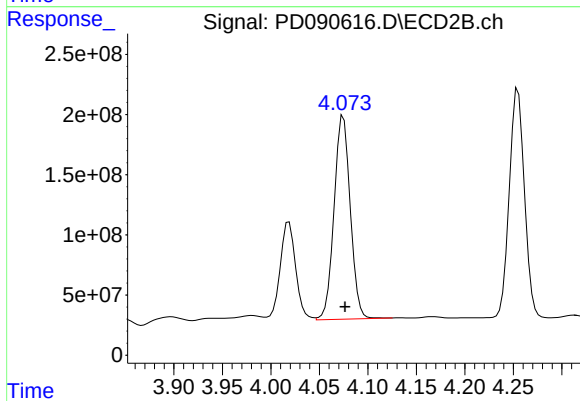
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: -0.001 min
Response: 2034140777
Conc: 49.94 ng/ml



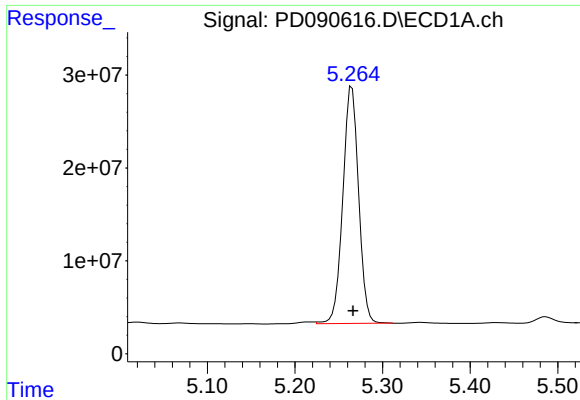
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 271360624
Conc: 41.04 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.002 min
Response: 1966851561
Conc: 48.31 ng/ml



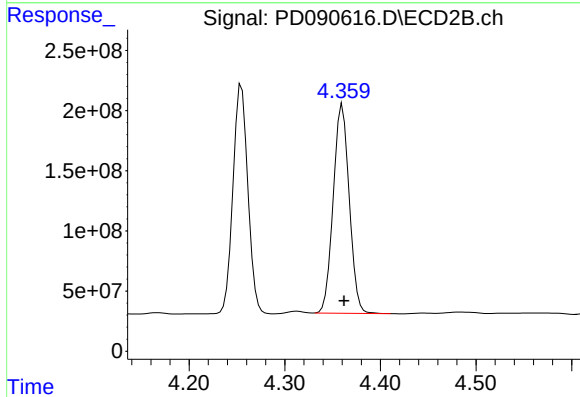
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 319321425
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

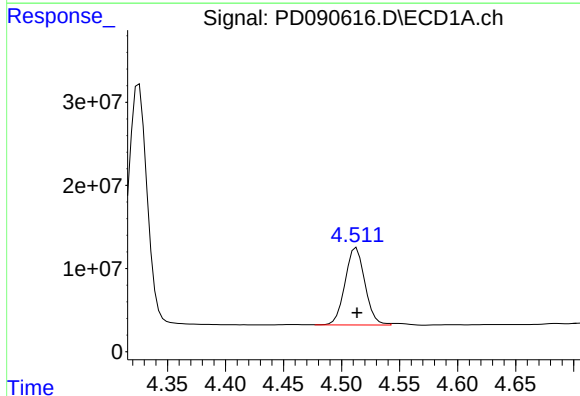
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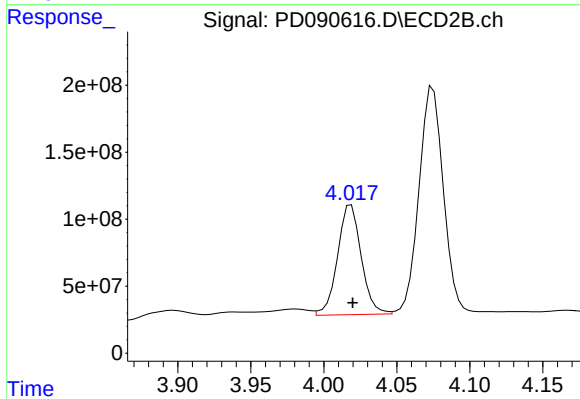
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 2011751054
Conc: 50.38 ng/ml



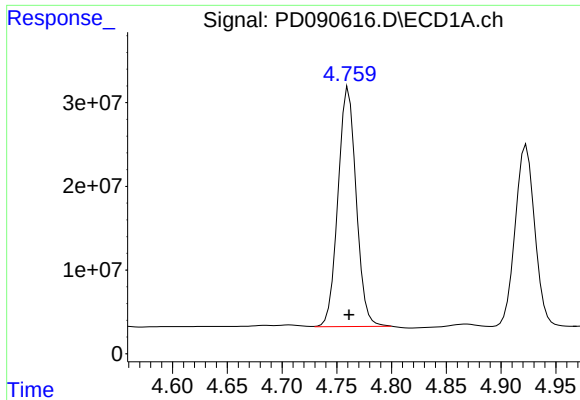
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 110949974
Conc: 43.01 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: -0.001 min
Response: 923280999
Conc: 53.26 ng/ml



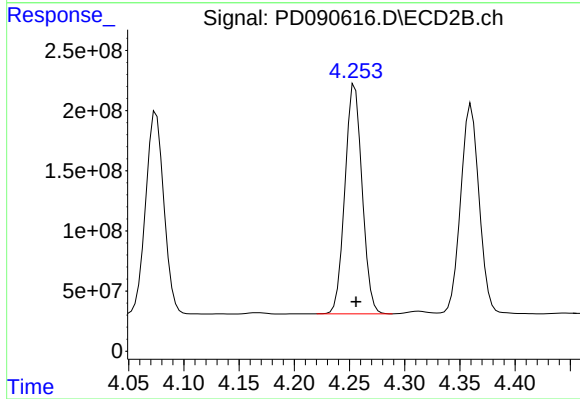
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 329954366
Conc: 51.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

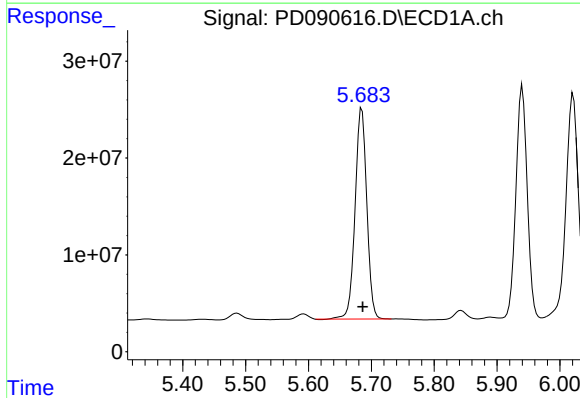
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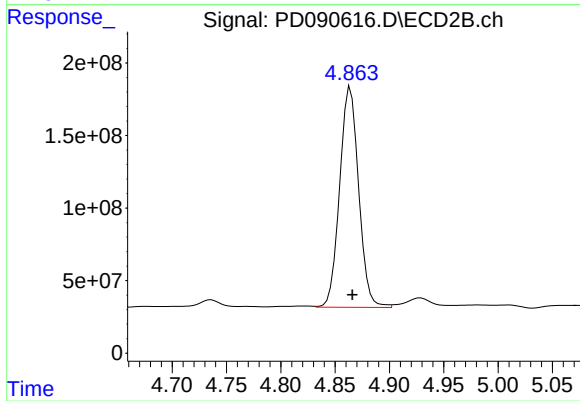
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.001 min
Response: 2065257627
Conc: 50.01 ng/ml



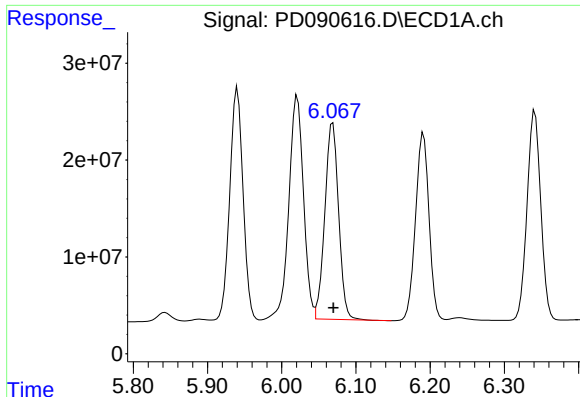
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 282614910
Conc: 49.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 1848715777
Conc: 50.15 ng/ml



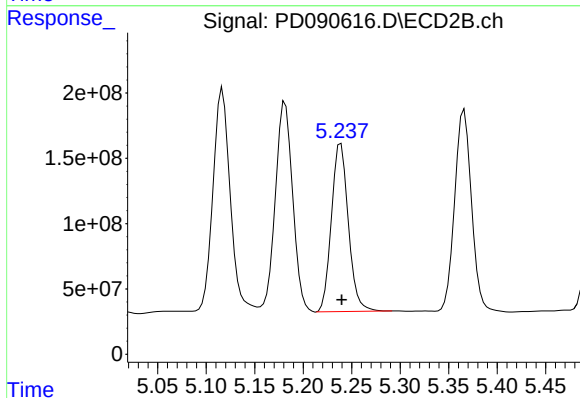
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 261747807
Conc: 48.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

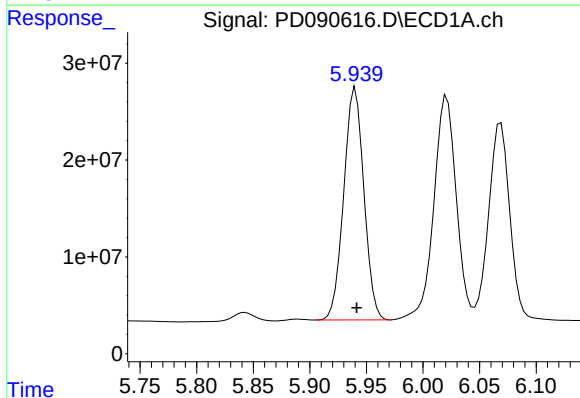
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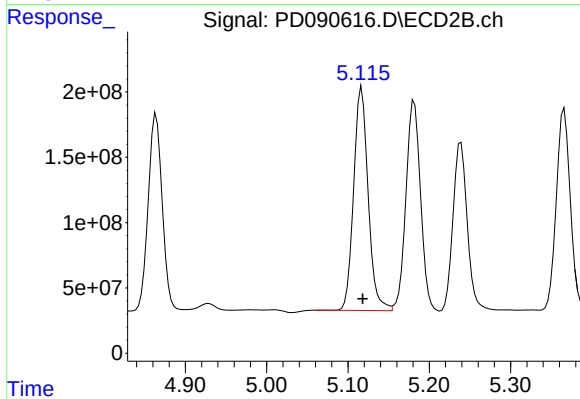
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1563232813
Conc: 45.17 ng/ml



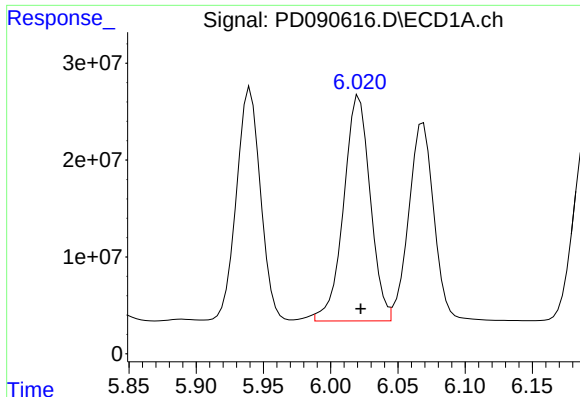
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 296976365
Conc: 51.99 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 2112720241
Conc: 53.78 ng/ml



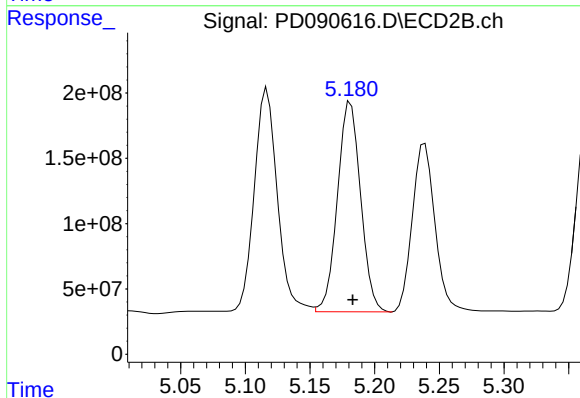
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 318999158
Conc: 55.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

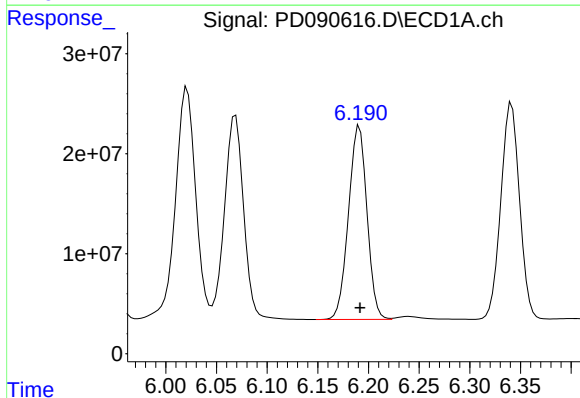
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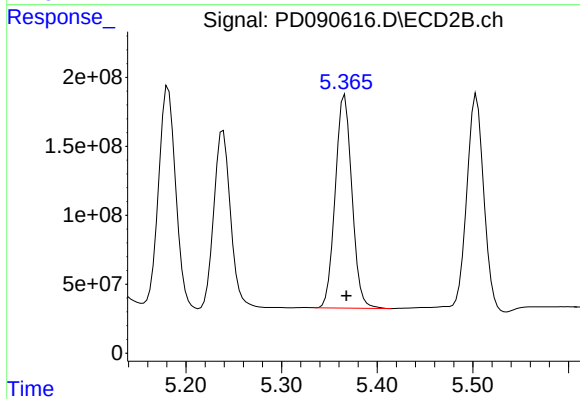
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.001 min
Response: 2004592032
Conc: 53.22 ng/ml



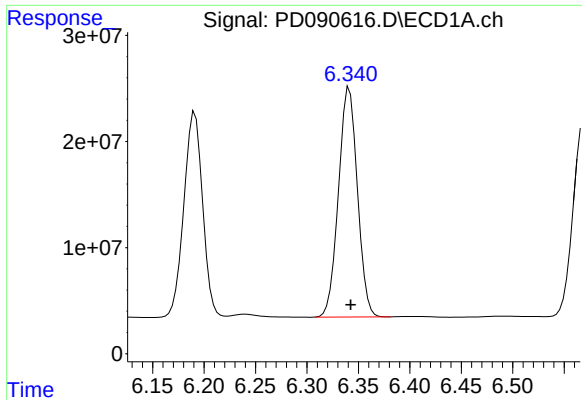
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 245858072
Conc: 47.21 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 1873506786
Conc: 48.94 ng/ml



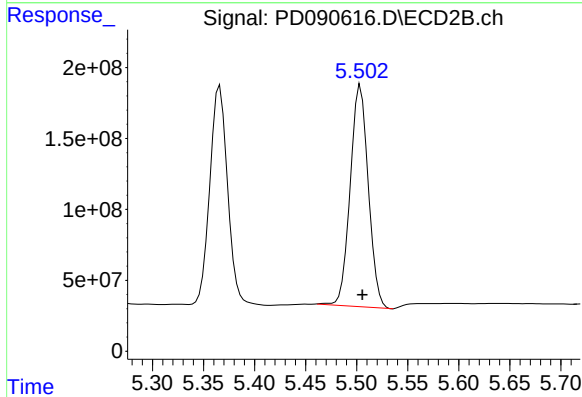
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.001 min
Response: 277184329
Conc: 48.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

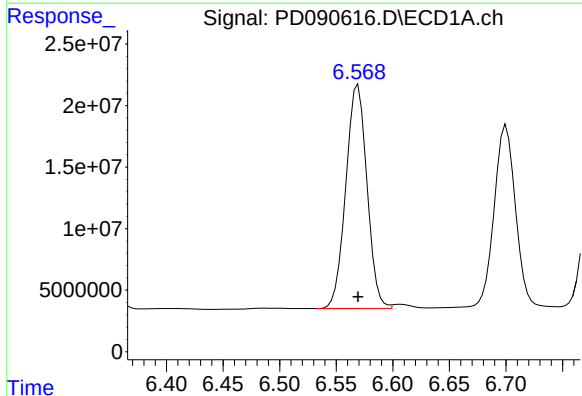
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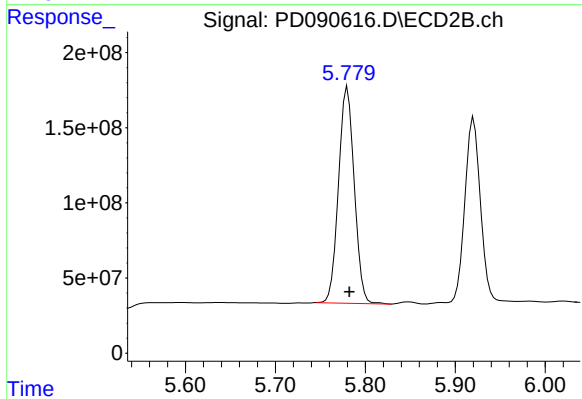
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 1924340915
Conc: 49.41 ng/ml



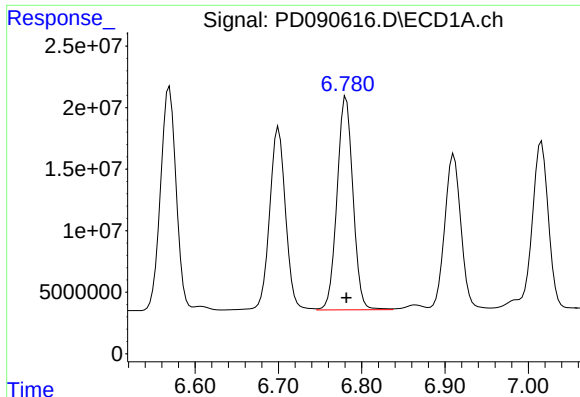
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 236535674
Conc: 48.33 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 1749654956
Conc: 48.83 ng/ml



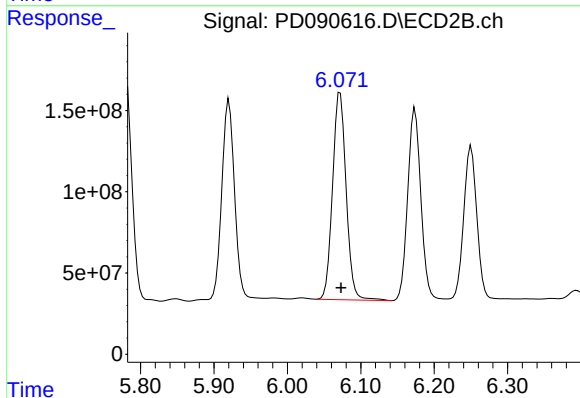
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 230153438
Conc: 47.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

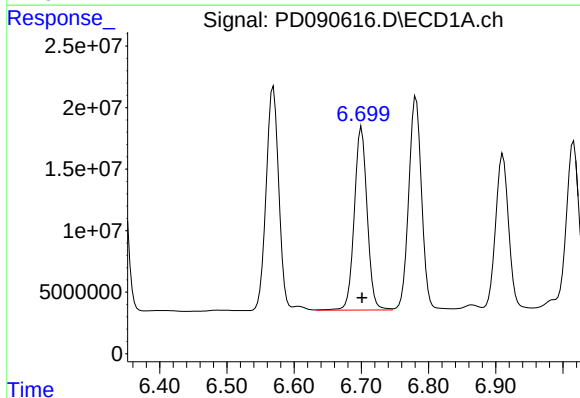
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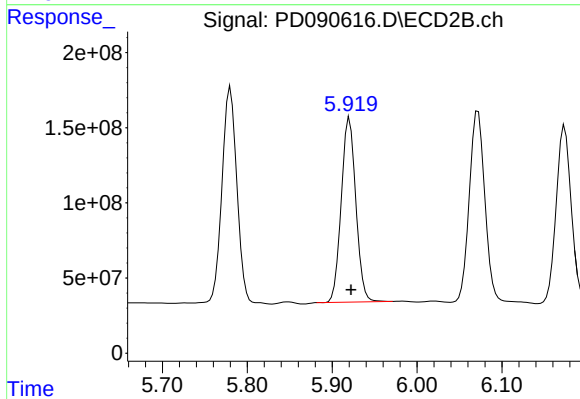
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 1646799320
Conc: 48.79 ng/ml



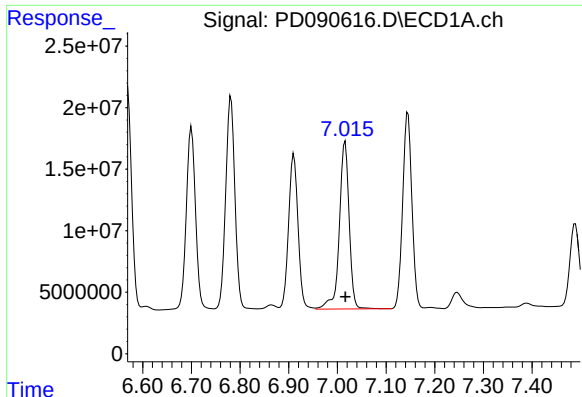
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.001 min
Response: 197801924
Conc: 48.27 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 1464211840
Conc: 45.15 ng/ml



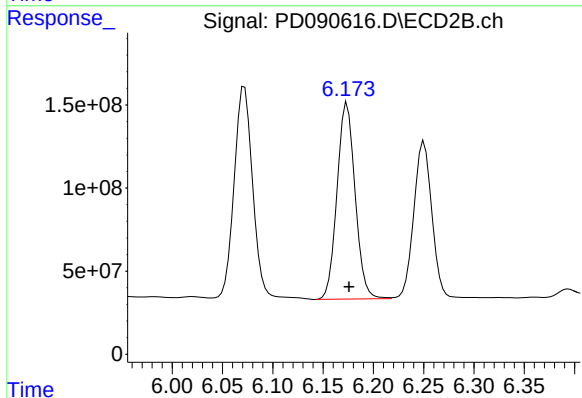
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 191201018
Conc: 42.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

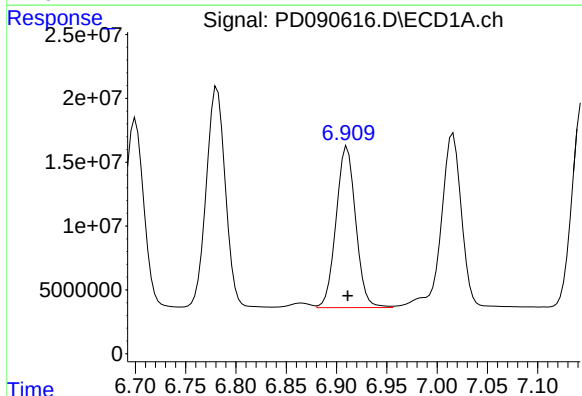
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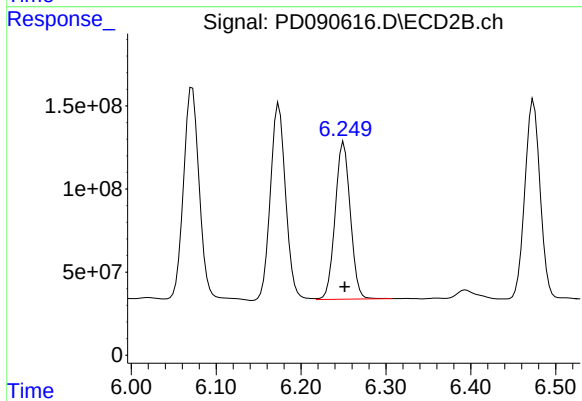
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 1477259603
Conc: 42.97 ng/ml



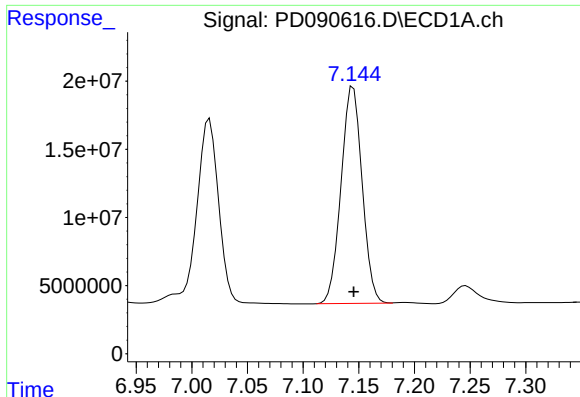
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 170893238
Conc: 49.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 1176263954
Conc: 49.95 ng/ml



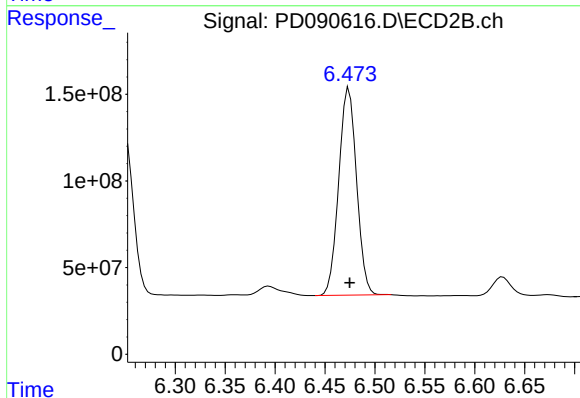
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 209899929
Conc: 45.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

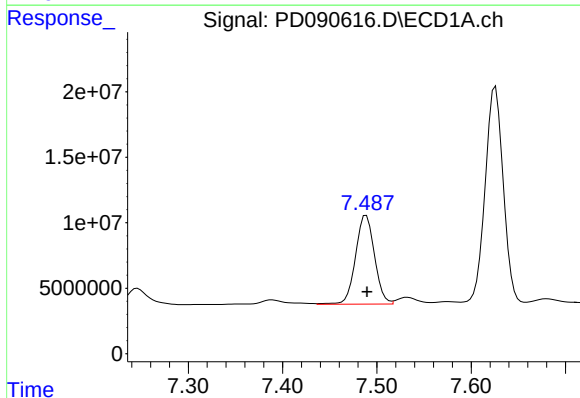
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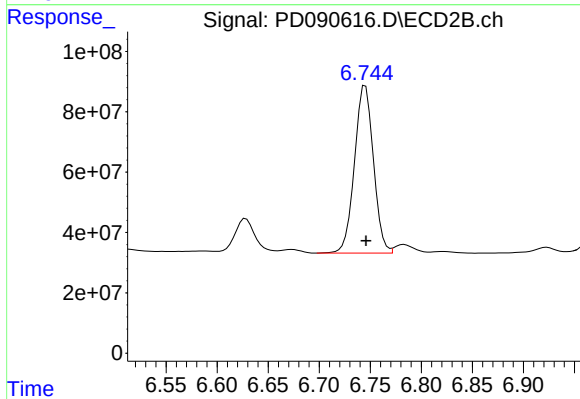
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1486827388
Conc: 45.48 ng/ml



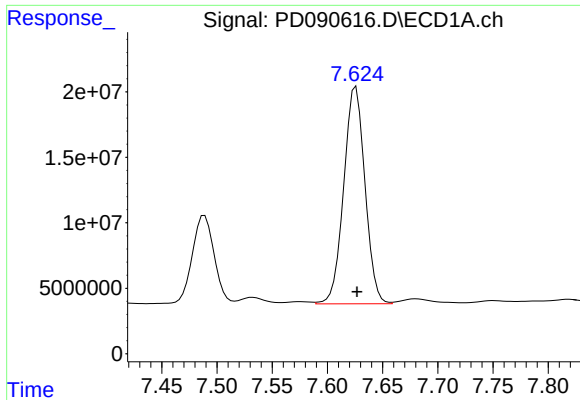
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 94915638
Conc: 40.28 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 716974516
Conc: 41.20 ng/ml



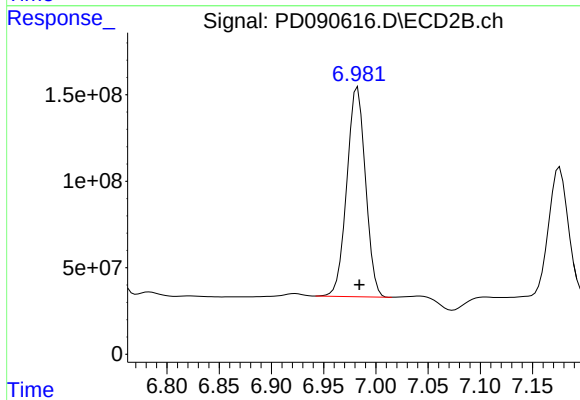
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 221930951
Conc: 44.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

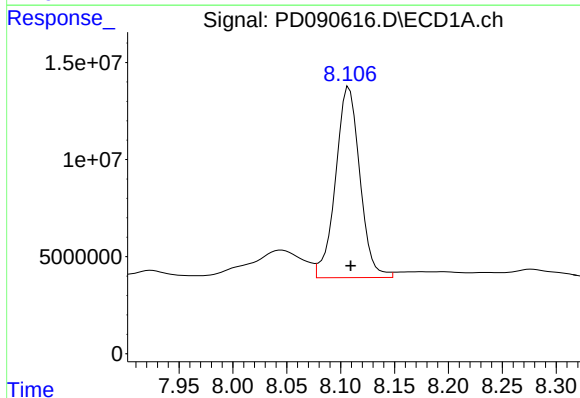
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2025
Supervised By :mohammad ahmed 10/17/2025



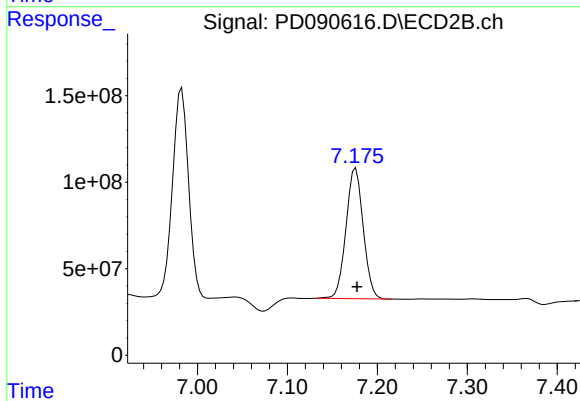
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 1504681408
Conc: 41.68 ng/ml



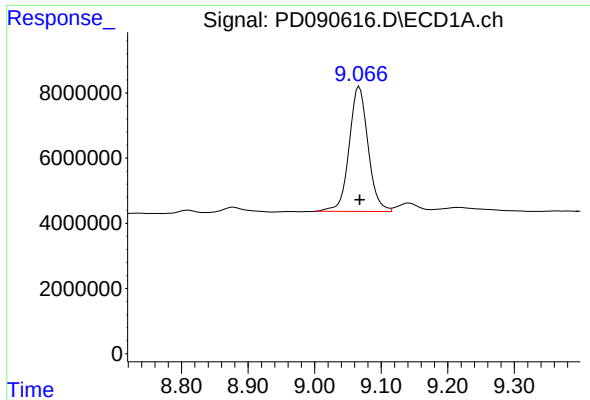
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 154167764
Conc: 41.61 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.001 min
Response: 1004254921
Conc: 36.38 ng/ml



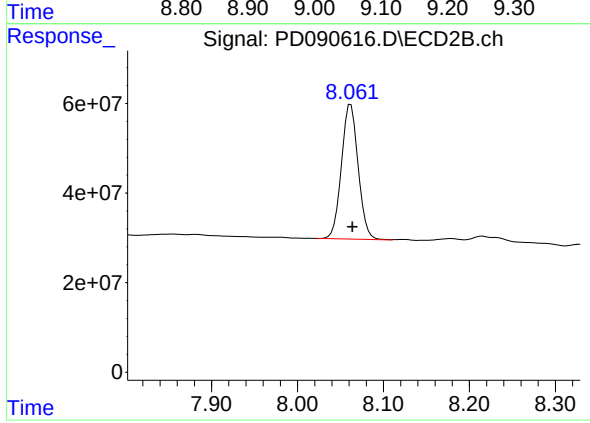
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 75602900
Conc: 15.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
C-1MS

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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 406767517
Conc: 12.55 ng/ml