

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102325\
 Data File : PD090784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 14:44
 Operator : AR\AJ
 Sample : Q3395-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PR132-S07-000102-20251017MS

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 24 06:14:11 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	44856288	461.6E6	14.404m	15.502
28)	SA Decachlor...	9.066	8.060	71092744	469.2E6	15.197	15.488
Target Compounds							
2)	A alpha-BHC	3.994	3.385	329.6E6	2105.2E6	45.923	41.201
3)	MA gamma-BHC...	4.325	3.721	311.9E6	1982.5E6	45.882	41.960
4)	MA Heptachlor	4.923	4.074	305.3E6	2044.9E6	54.623	45.846
5)	MB Aldrin	5.264	4.359	306.3E6	1977.9E6	46.786	42.701
6)	B beta-BHC	4.512	4.016	105.1E6	824.5E6	40.118	41.579m
7)	B delta-BHC	4.760	4.254	316.7E6	2090.7E6	46.832	43.814
8)	B Heptachlo...	5.683	4.863	277.1E6	1914.6E6	47.858m	44.903
9)	A Endosulfan I	6.068	5.238	259.7E6	1513.6E6	46.910	38.426
10)	B gamma-Chl...	5.939	5.114	262.9E6	2041.5E6	44.330m	45.418m
11)	B alpha-Chl...	6.021	5.180	321.2E6	1920.0E6	51.965	44.508
12)	B 4,4'-DDE	6.190	5.365	279.9E6	2109.2E6	52.553	48.114
13)	MA Dieldrin	6.341	5.503	273.8E6	1991.5E6	46.959	45.074
14)	MA Endrin	6.568	5.780	232.0E6	1726.4E6	46.833	42.633
15)	B Endosulfa...	6.781	6.069	223.5E6	1666.3E6	44.692	44.370m
16)	A 4,4'-DDD	6.698	5.919	201.6E6	1555.1E6	49.728m	42.678
17)	MA 4,4'-DDT	7.016	6.172	199.7E6	1558.8E6	48.571	44.445
18)	B Endrin al...	6.910	6.249	173.3E6	1234.3E6	47.327	44.570
19)	B Endosulfa...	7.144	6.472	216.9E6	1586.1E6	46.770	44.250
20)	A Methoxychlor	7.489	6.743	102.2E6	801.4E6	48.098	45.986
21)	B Endrin ke...	7.625	6.982	235.6E6	1636.7E6	48.487	43.394
22)	Mirex	8.108	7.174	143.8E6	1115.8E6	44.941	43.431

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102325\
Data File : PD090784.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 14:44
Operator : AR\AJ
Sample : Q3395-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

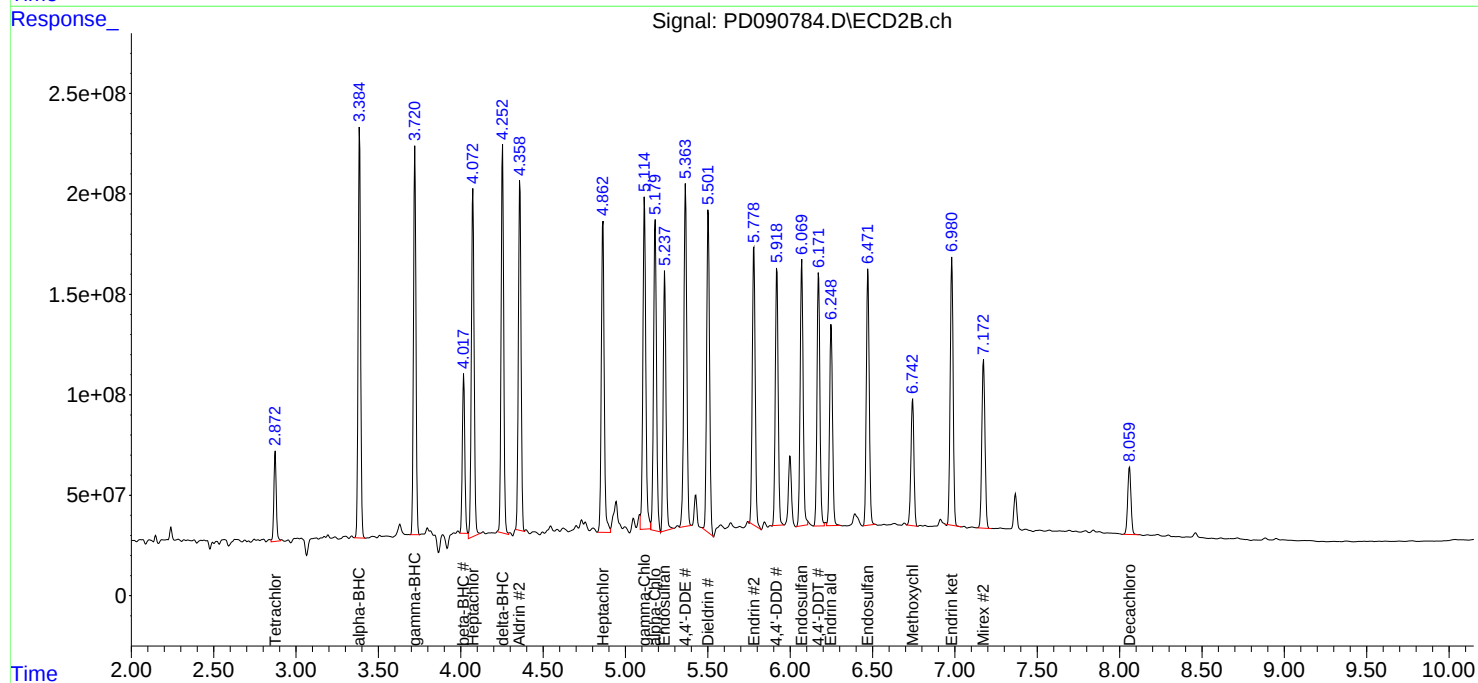
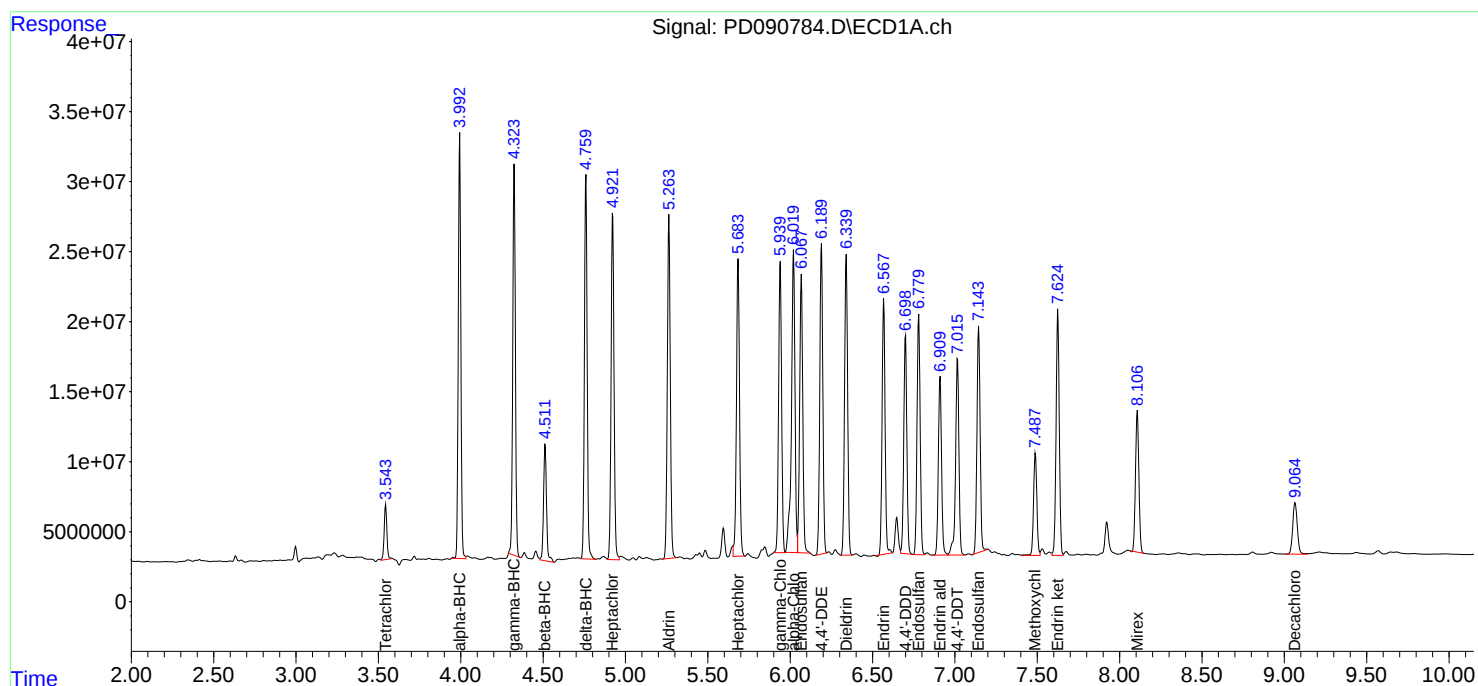
Instrument :
ECD_D
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PR132-S07-000102-20251017MS

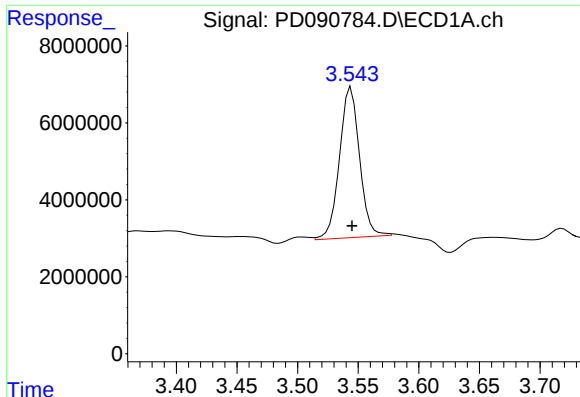
Manual Integrations
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Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 06:14:11 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





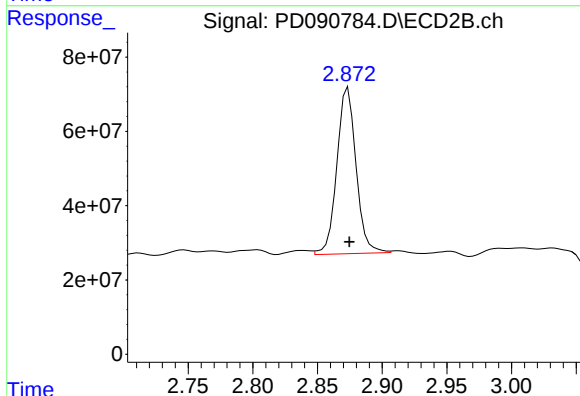
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 44856288
Conc: 14.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-S07-000102-20251017MS

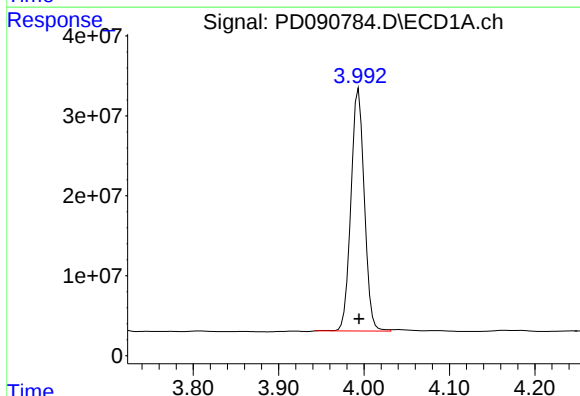
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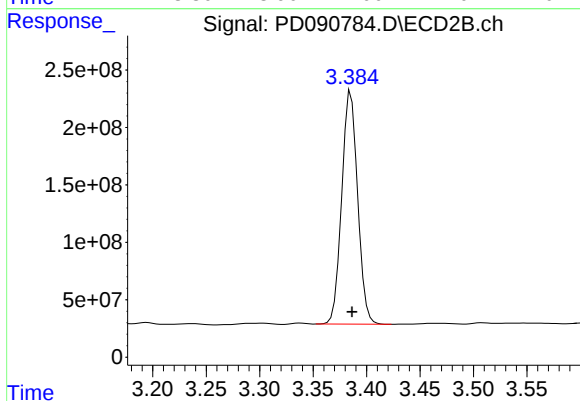
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 461607764
Conc: 15.50 ng/ml



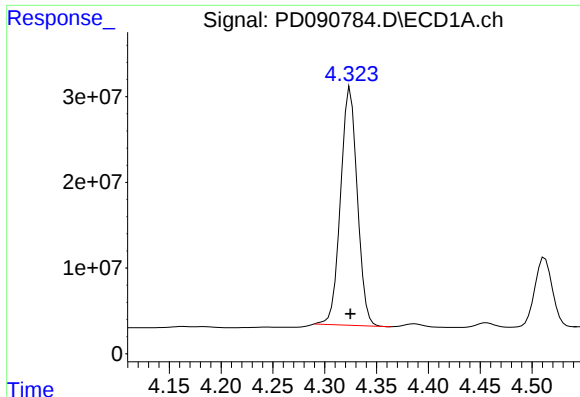
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 329598835
Conc: 45.92 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2105177045
Conc: 41.20 ng/ml



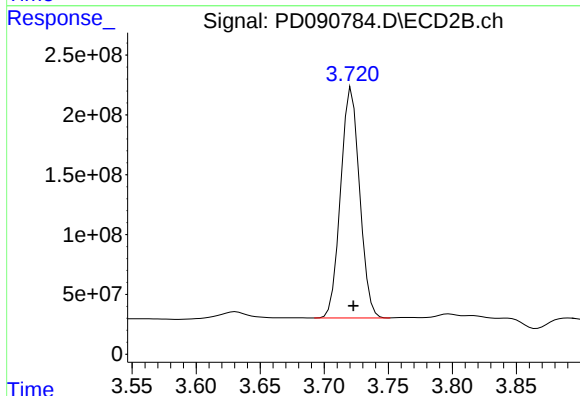
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 311945728
Conc: 45.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-S07-000102-20251017MS

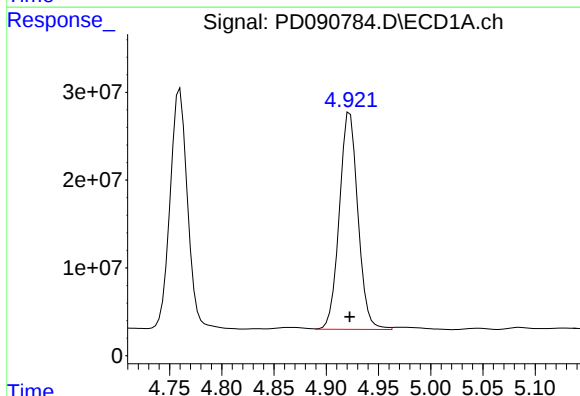
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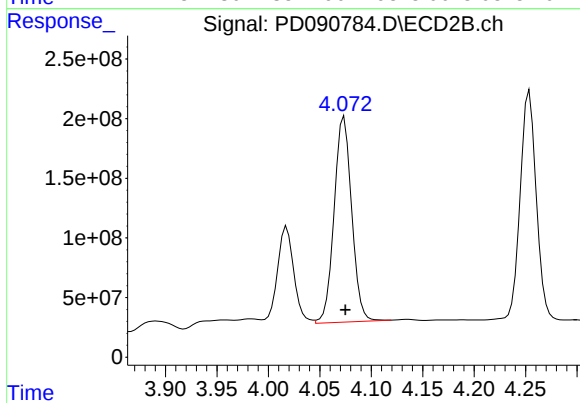
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 1982545742
Conc: 41.96 ng/ml



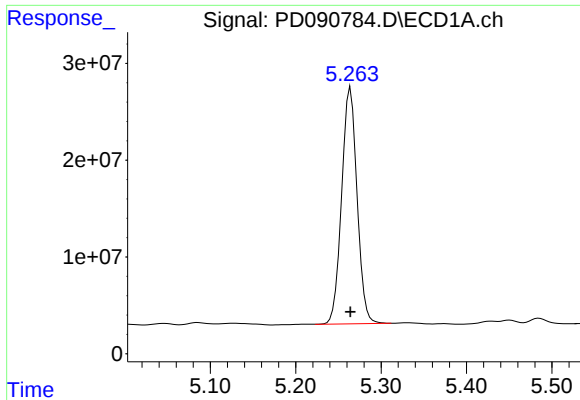
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 305315908
Conc: 54.62 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 2044879531
Conc: 45.85 ng/ml



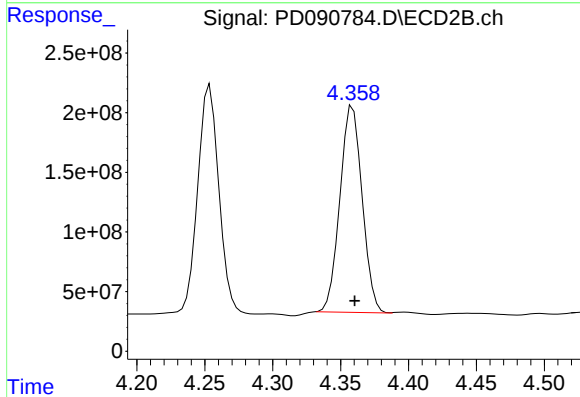
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 306320090
Conc: 46.79 ng/ml

Instrument :
ECD_D
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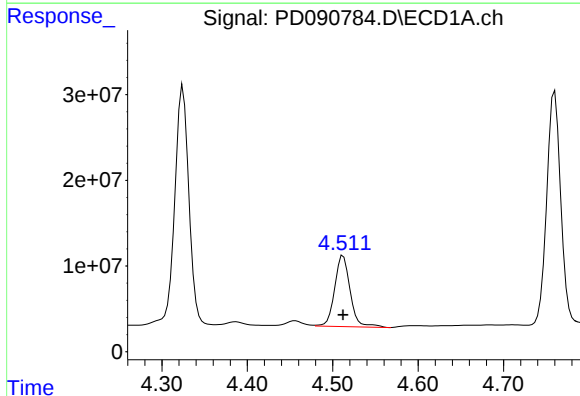
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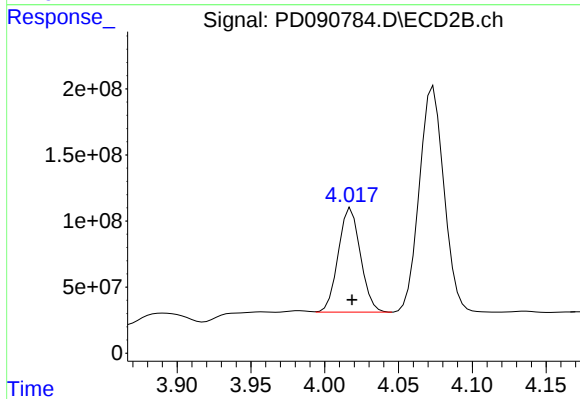
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 1977856256
Conc: 42.70 ng/ml



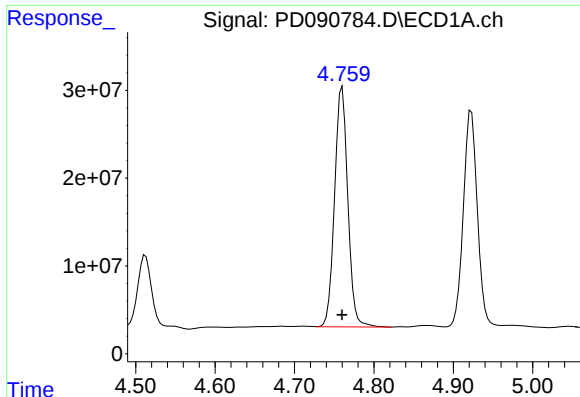
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 105095517
Conc: 40.12 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 824495229
Conc: 41.58 ng/ml m



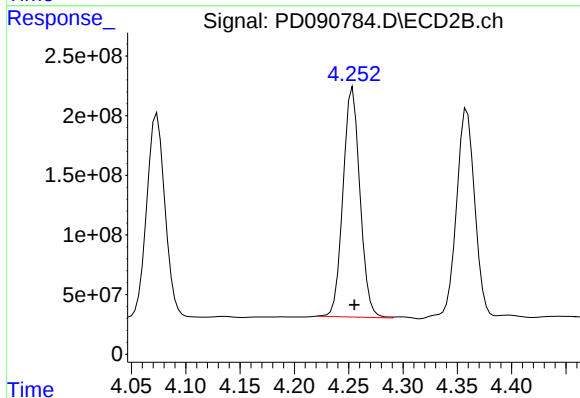
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 316661802
Conc: 46.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-S07-000102-20251017MS

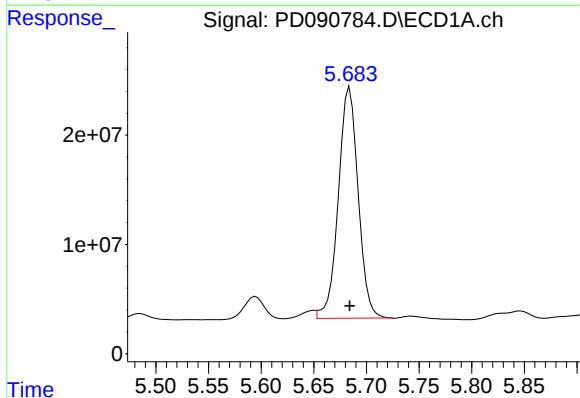
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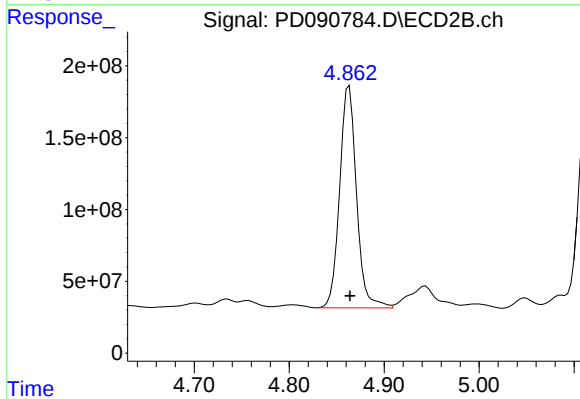
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2090674265
Conc: 43.81 ng/ml



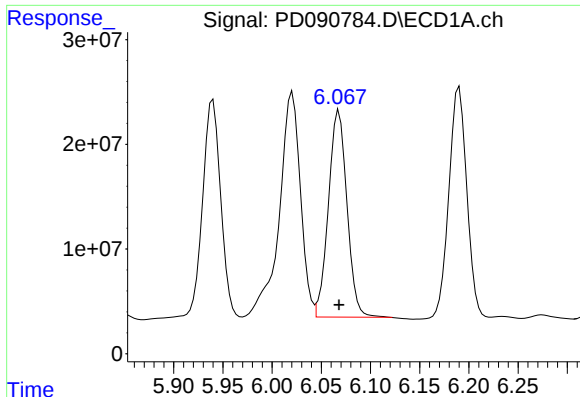
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 277050674
Conc: 47.86 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 1914626134
Conc: 44.90 ng/ml



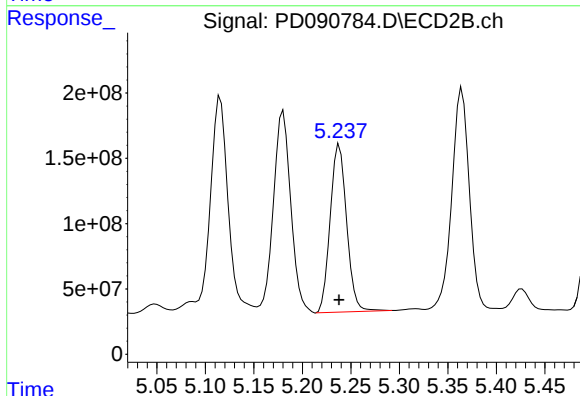
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 259724837
Conc: 46.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-S07-000102-20251017MS

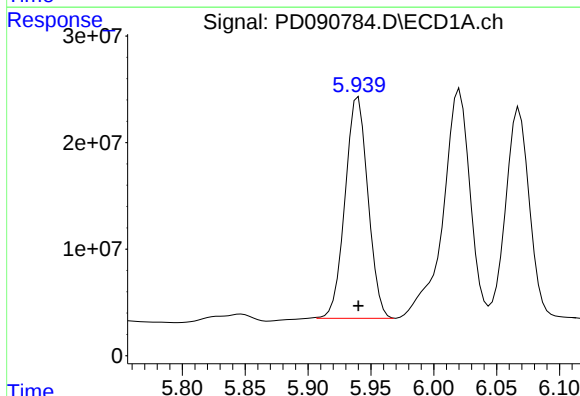
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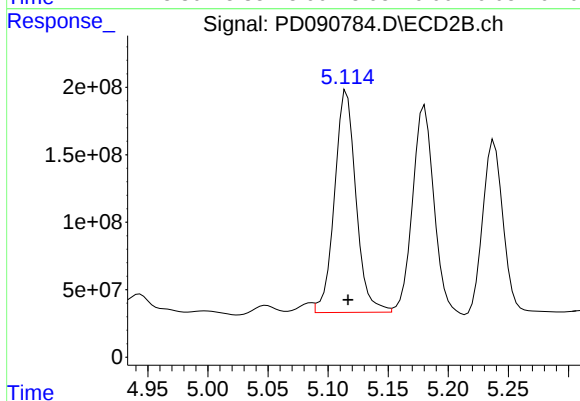
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1513623070
Conc: 38.43 ng/ml



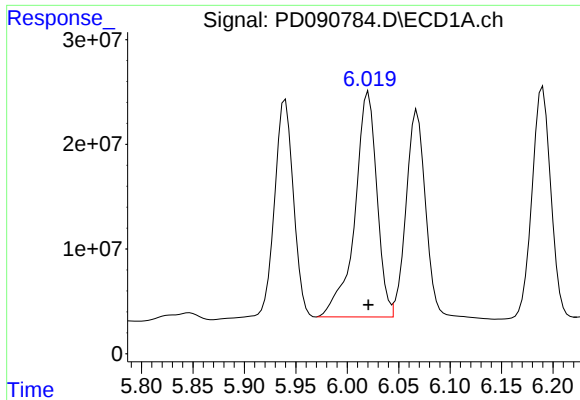
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 262929123
Conc: 44.33 ng/ml m



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2041483437
Conc: 45.42 ng/ml m



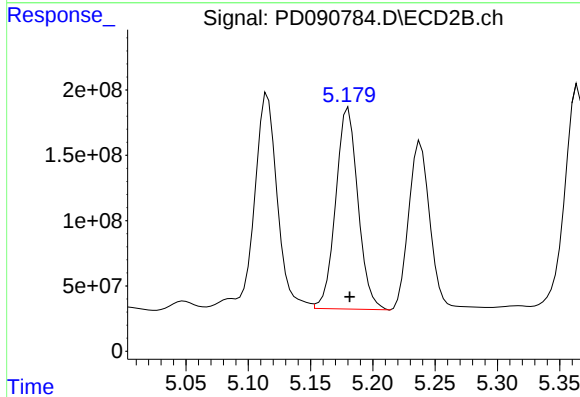
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 321157249
Conc: 51.97 ng/ml

Instrument :
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ClientSampleId :
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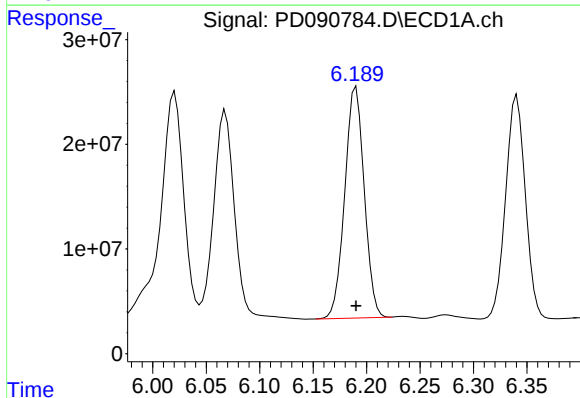
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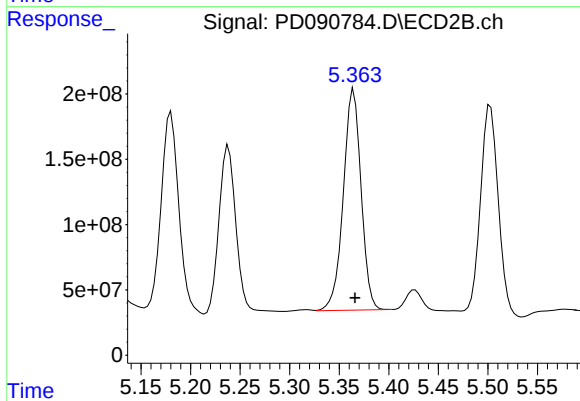
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 1919961285
Conc: 44.51 ng/ml



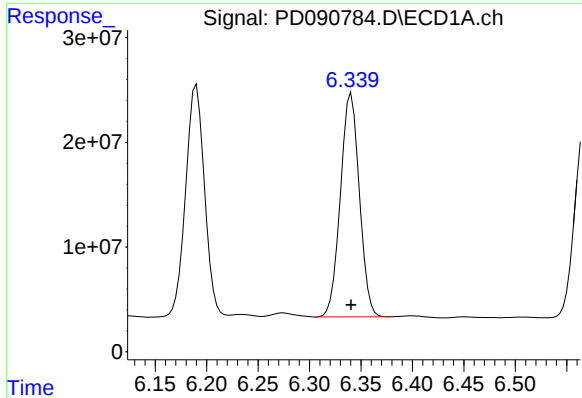
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 279931178
Conc: 52.55 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 2109242120
Conc: 48.11 ng/ml



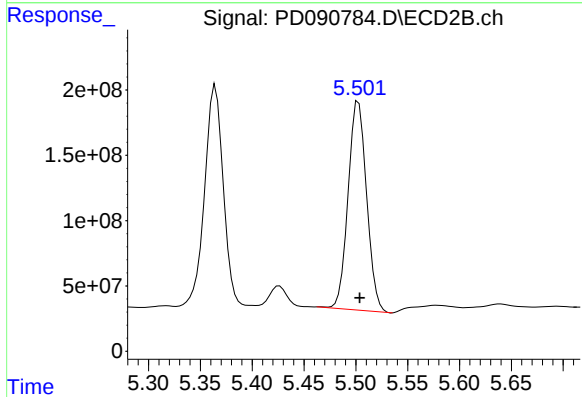
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 273832337
Conc: 46.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
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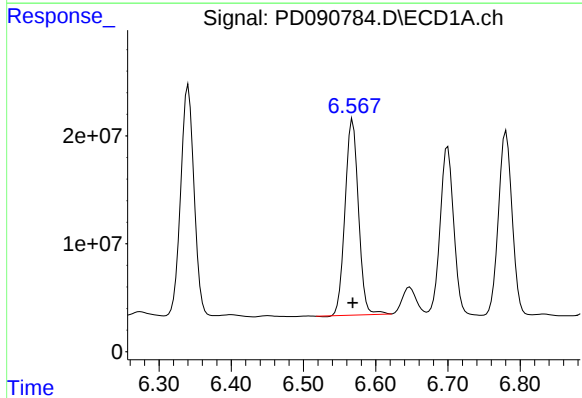
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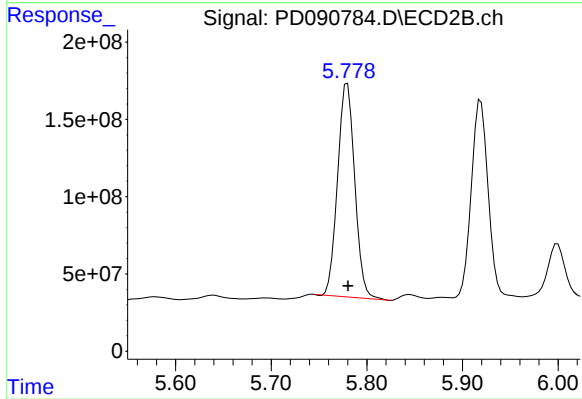
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 1991526459
Conc: 45.07 ng/ml



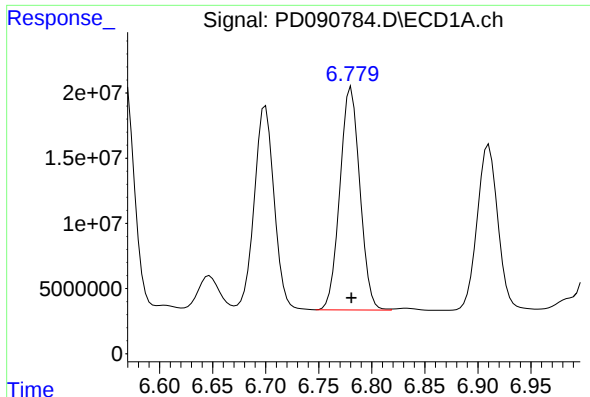
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 231994926
Conc: 46.83 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1726384682
Conc: 42.63 ng/ml



#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 223456906
Conc: 44.69 ng/ml

Instrument :

ECD_D

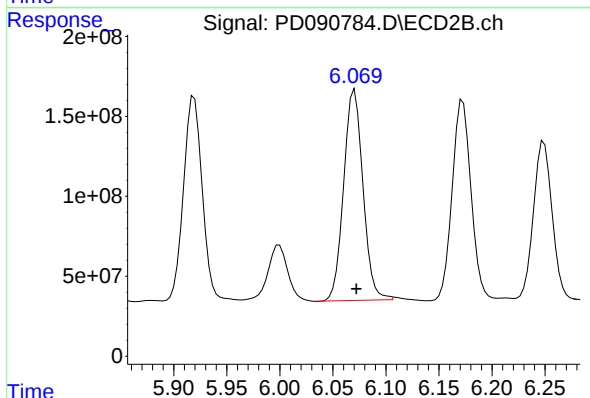
ClientSampleId :

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Manual Integrations

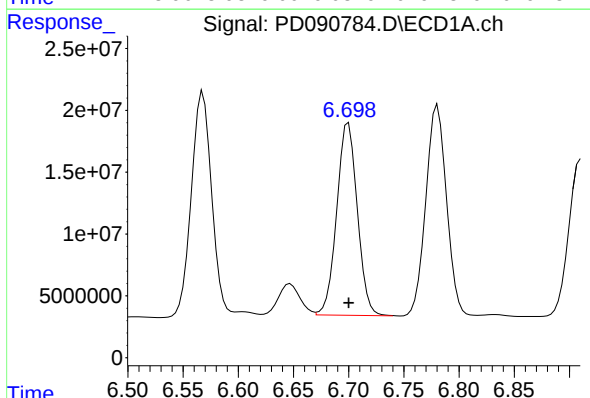
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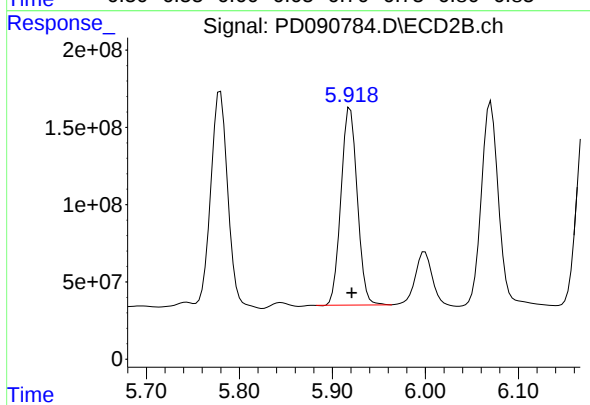
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1666330296
Conc: 44.37 ng/ml m



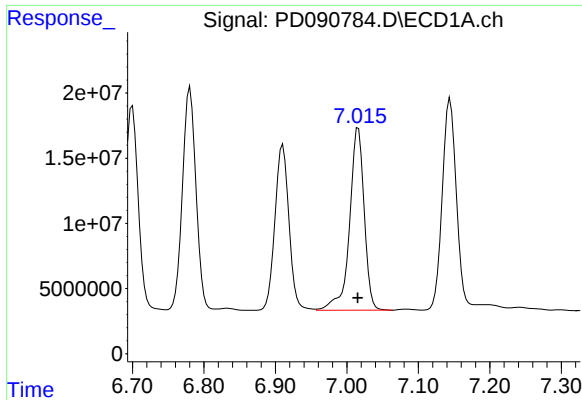
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 201608068
Conc: 49.73 ng/ml m



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1555114567
Conc: 42.68 ng/ml



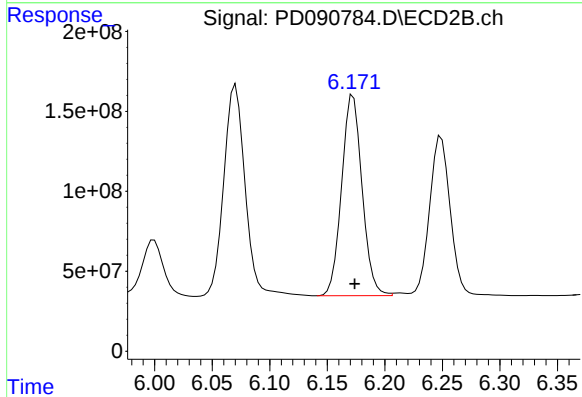
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 199650061
Conc: 48.57 ng/ml

Instrument :
ECD_D
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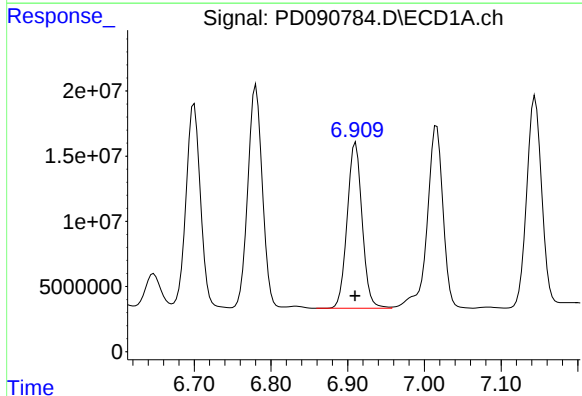
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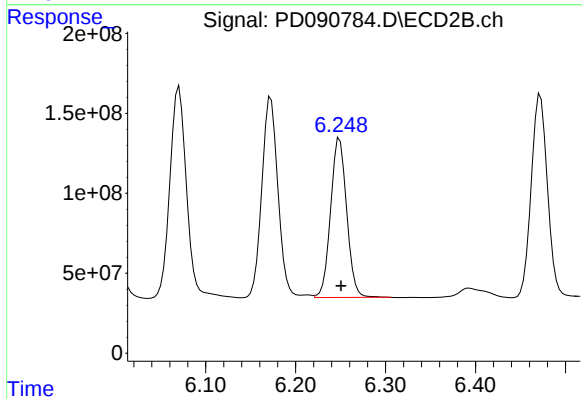
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1558824891
Conc: 44.45 ng/ml



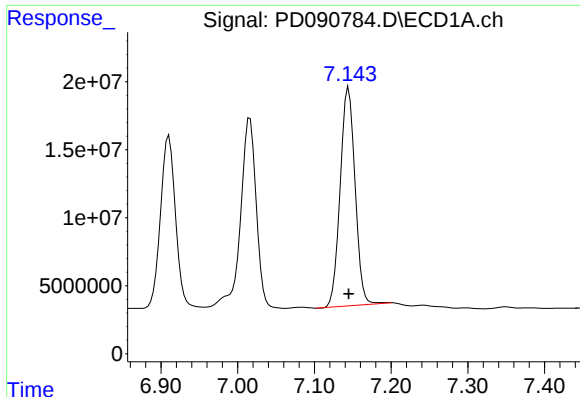
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 173344177
Conc: 47.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1234263441
Conc: 44.57 ng/ml



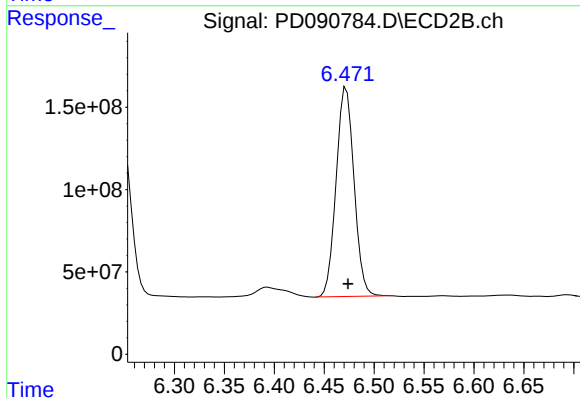
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 216927199
Conc: 46.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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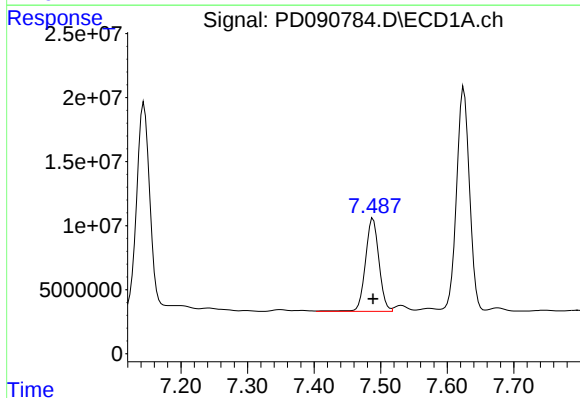
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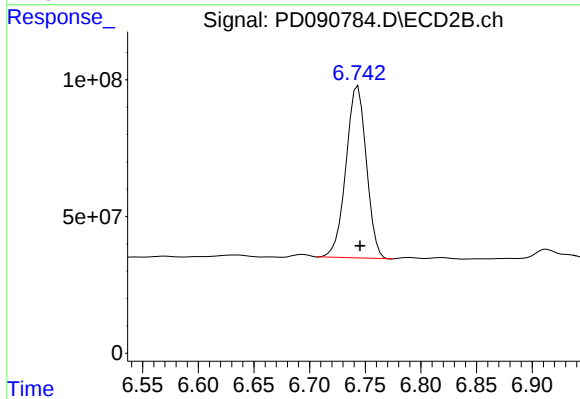
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1586131179
Conc: 44.25 ng/ml



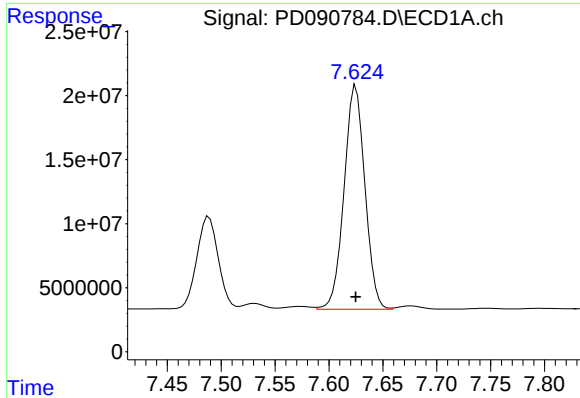
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 102237249
Conc: 48.10 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 801442261
Conc: 45.99 ng/ml



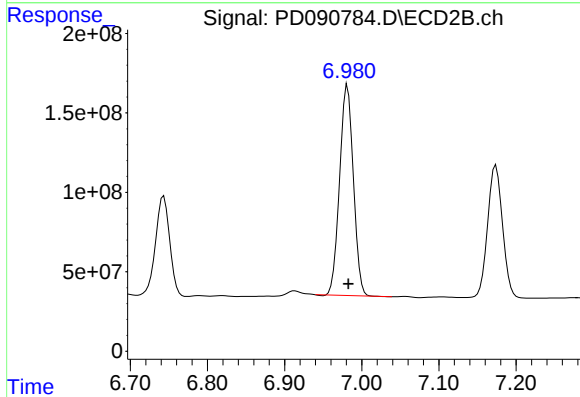
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 235593156
Conc: 48.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-S07-000102-20251017MS

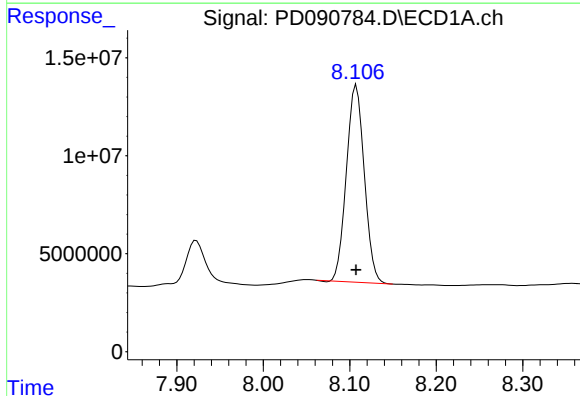
Manual Integrations
APPROVED

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



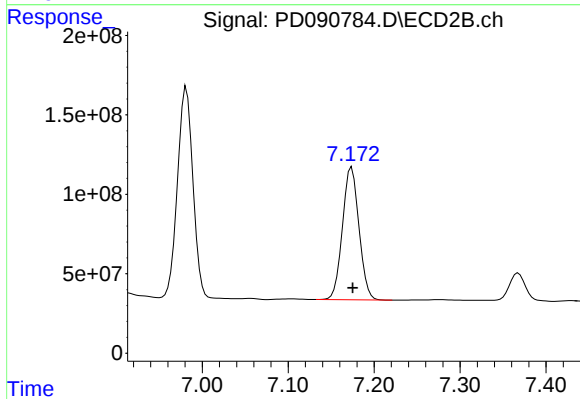
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.001 min
Response: 1636742486
Conc: 43.39 ng/ml



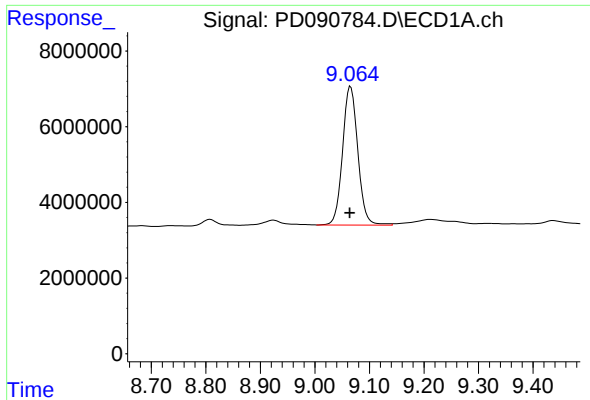
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 143849597
Conc: 44.94 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1115770067
Conc: 43.43 ng/ml



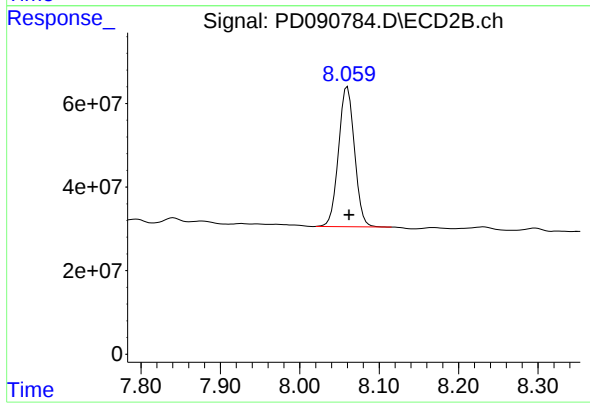
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.001 min
Response: 71092744
Conc: 15.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-S07-000102-20251017MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 469150332
Conc: 15.49 ng/ml