

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
 Data File : PD090768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 18:11
 Operator : AR\AJ
 Sample : Q3399-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-ROLLOFFMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/23/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 14:23:39 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	55259130	570.1E6	17.744m	19.146
28)	SA Decachlor...	9.067	8.062	65859422	464.0E6	14.079	15.317
Target Compounds							
2)	A alpha-BHC	3.994	3.386	353.9E6	2433.0E6	49.315	47.616
3)	MA gamma-BHC...	4.325	3.722	325.3E6	2250.0E6	47.843	47.620
4)	MA Heptachlor	4.923	4.075	315.9E6	2185.3E6	56.513	48.994
5)	MB Aldrin	5.264	4.360	314.9E6	2225.7E6	48.102	48.052
6)	B beta-BHC	4.513	4.018	123.8E6	938.0E6	47.251	47.302
7)	B delta-BHC	4.760	4.255	331.8E6	2286.7E6	49.066	47.923
8)	B Heptachlo...	5.685	4.864	283.6E6	2032.2E6	48.993	47.661
9)	A Endosulfan I	6.068	5.238	265.3E6	1883.5E6	47.918	47.817
10)	B gamma-Chl...	5.940	5.116	283.0E6	2180.3E6	47.715	48.506
11)	B alpha-Chl...	6.021	5.181	296.7E6	2094.3E6	48.014	48.550
12)	B 4,4'-DDE	6.191	5.366	254.1E6	2138.5E6	47.709	48.782
13)	MA Dieldrin	6.341	5.504	283.6E6	2141.6E6	48.629	48.469
14)	MA Endrin	6.568	5.780	239.7E6	1957.8E6	48.393	48.349
15)	B Endosulfa...	6.782	6.072	226.8E6	1847.3E6	45.363	49.188
16)	A 4,4'-DDD	6.701	5.921	201.3E6	1717.5E6	49.653	47.134
17)	MA 4,4'-DDT	7.016	6.174	206.0E6	1822.3E6	50.113	51.957
18)	B Endrin al...	6.910	6.250	174.4E6	1373.5E6	47.625	49.597
19)	B Endosulfa...	7.145	6.474	218.3E6	1795.4E6	47.056	50.089
20)	A Methoxychlor	7.490	6.745	103.3E6	889.0E6	48.607	51.010
21)	B Endrin ke...	7.627	6.983	236.4E6	1933.5E6	48.654	51.263
22)	Mirex	8.109	7.175	150.2E6	1272.8E6	46.913	49.543

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102225\
Data File : PD090768.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 18:11
Operator : AR\AJ
Sample : Q3399-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

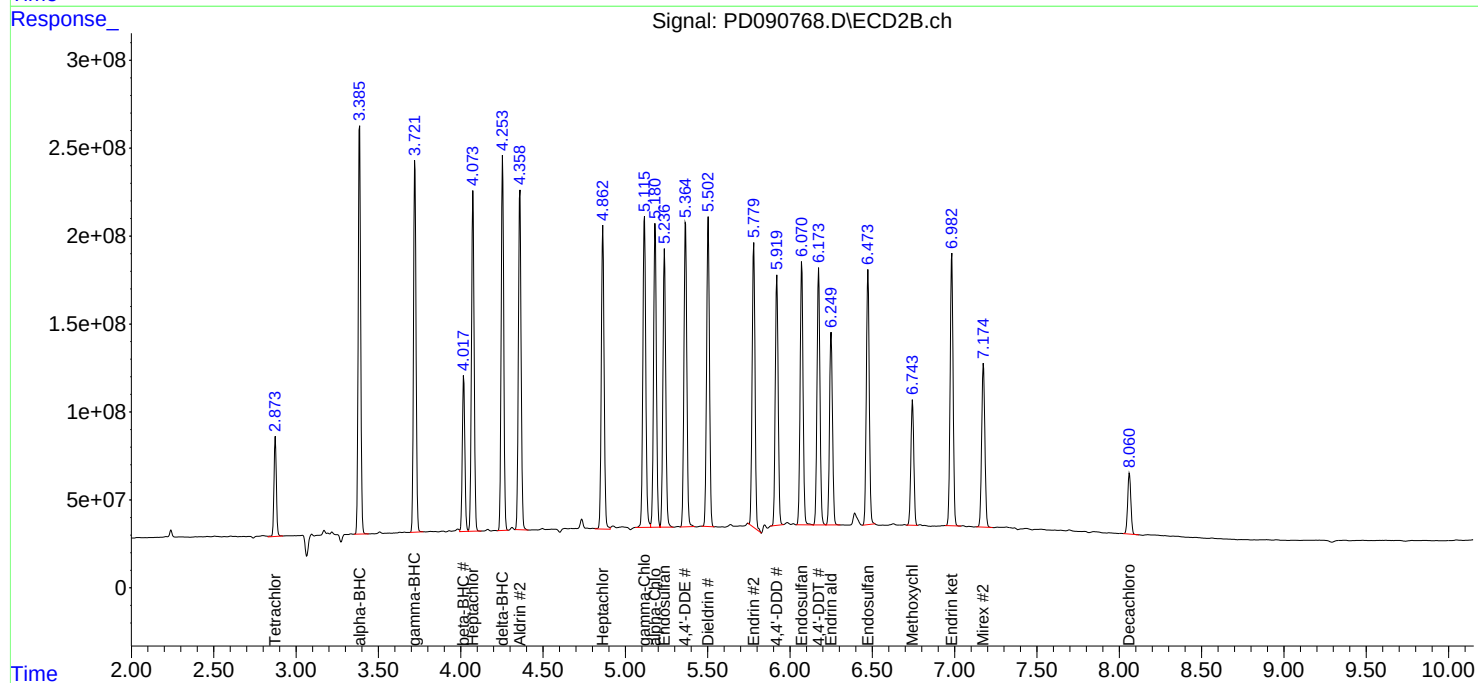
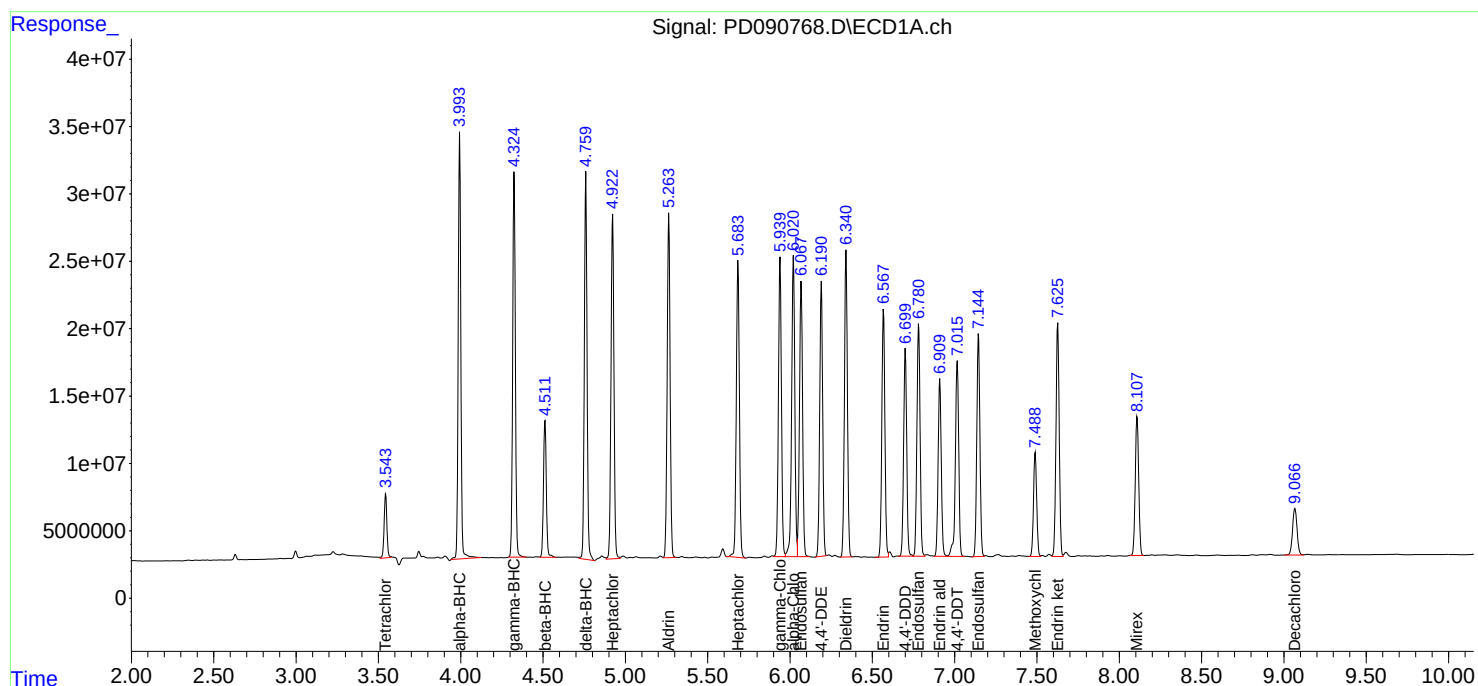
Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

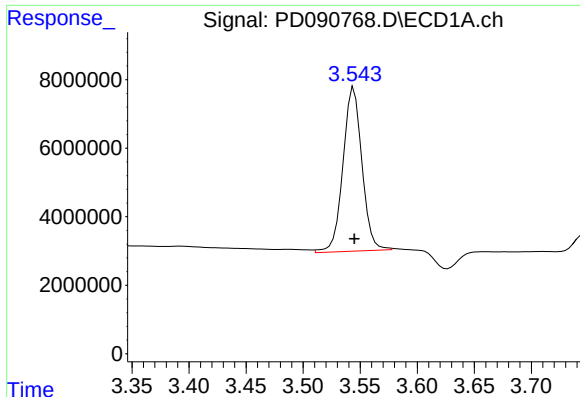
Manual Integrations
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Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 14:23:39 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





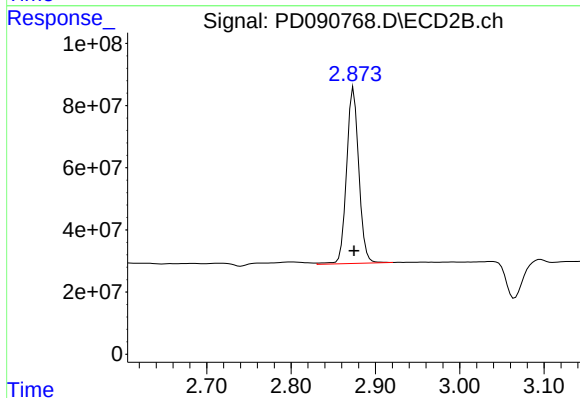
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 55259130
Conc: 17.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

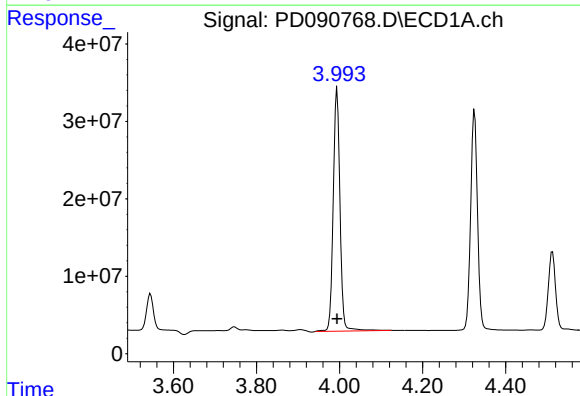
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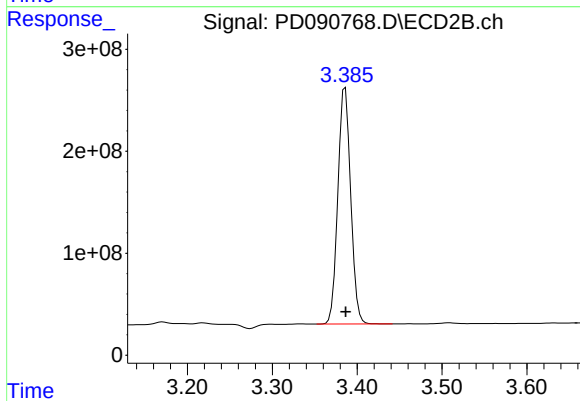
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 570118937
Conc: 19.15 ng/ml



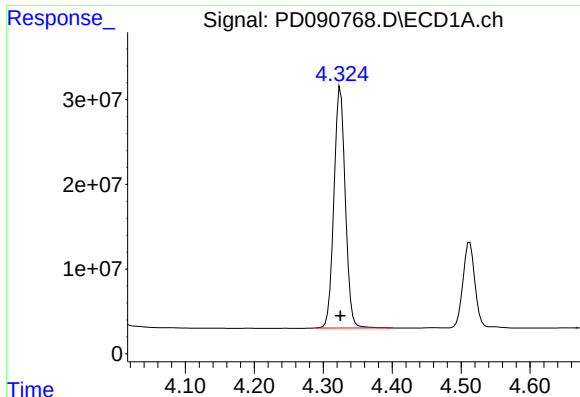
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 353943515
Conc: 49.32 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2432979872
Conc: 47.62 ng/ml



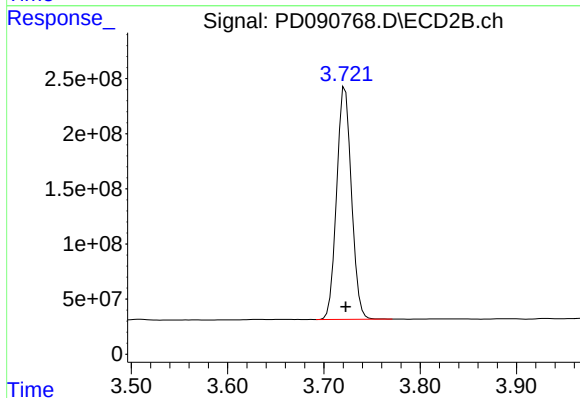
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 325274369
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

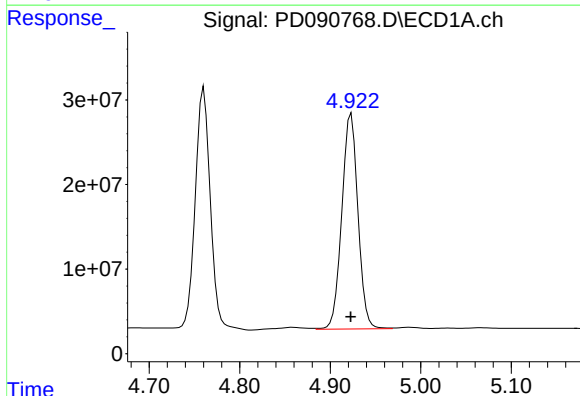
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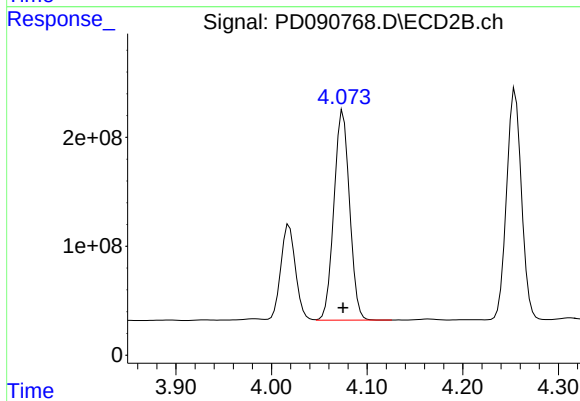
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2249990116
Conc: 47.62 ng/ml



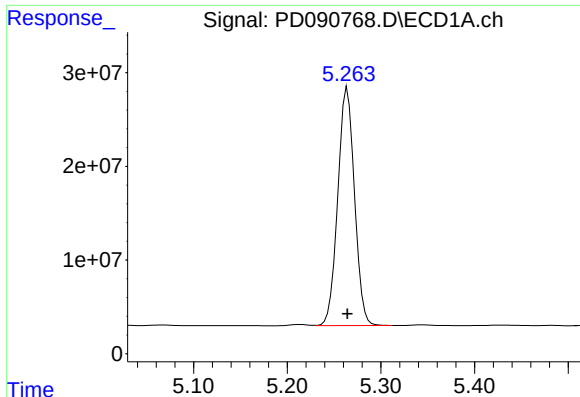
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 315881480
Conc: 56.51 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2185284603
Conc: 48.99 ng/ml



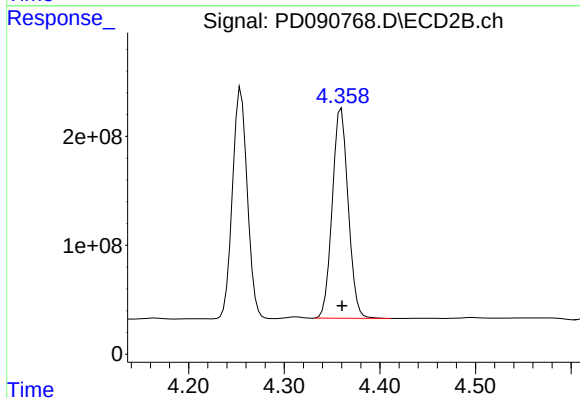
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 314935367
Conc: 48.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

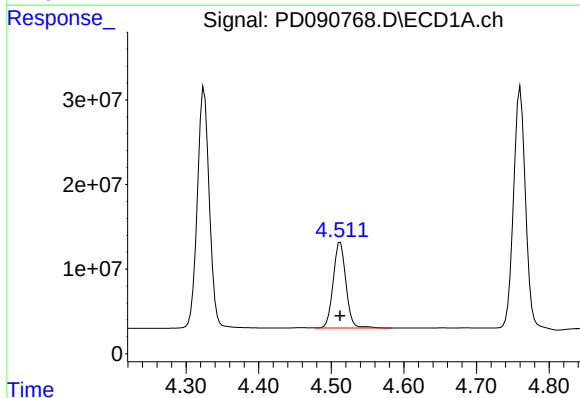
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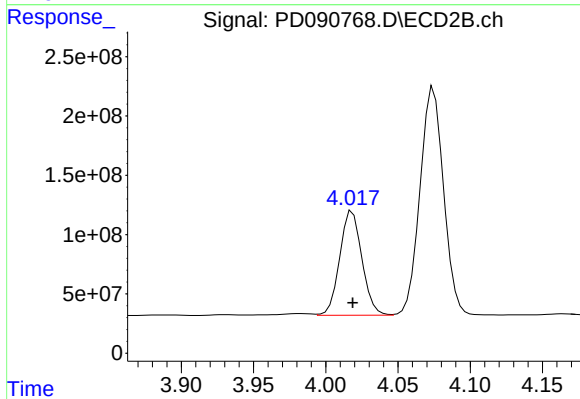
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2225696544
Conc: 48.05 ng/ml



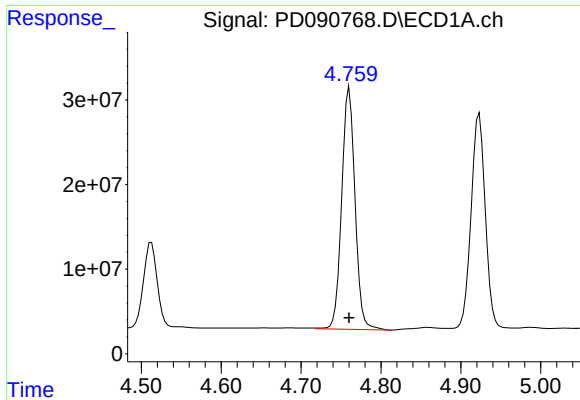
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 123781257
Conc: 47.25 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 937968947
Conc: 47.30 ng/ml



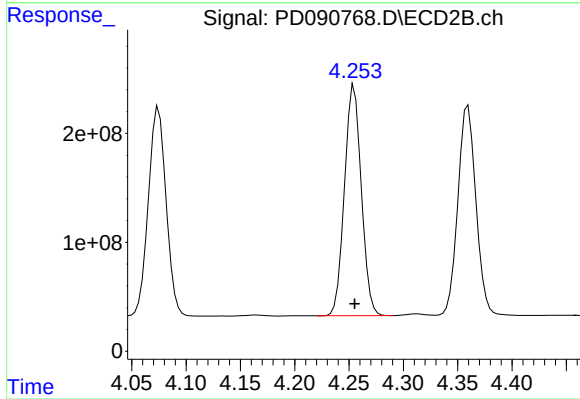
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 331768828
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

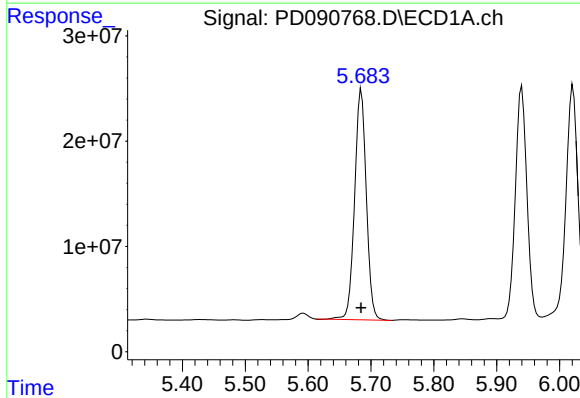
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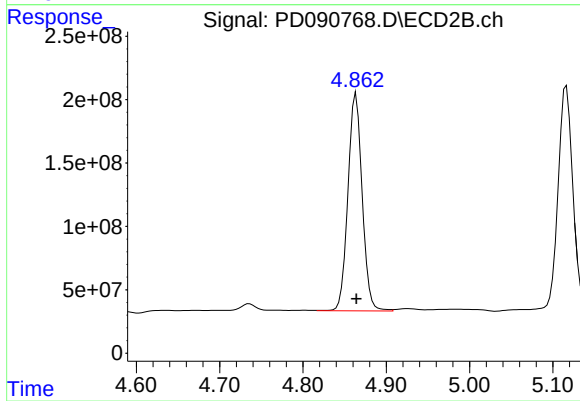
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2286739044
Conc: 47.92 ng/ml



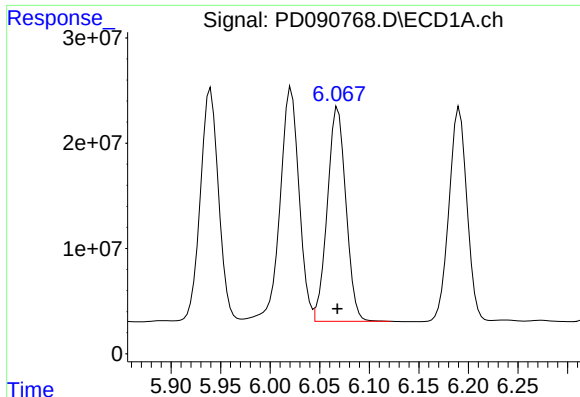
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 283621153
Conc: 48.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 2032230337
Conc: 47.66 ng/ml



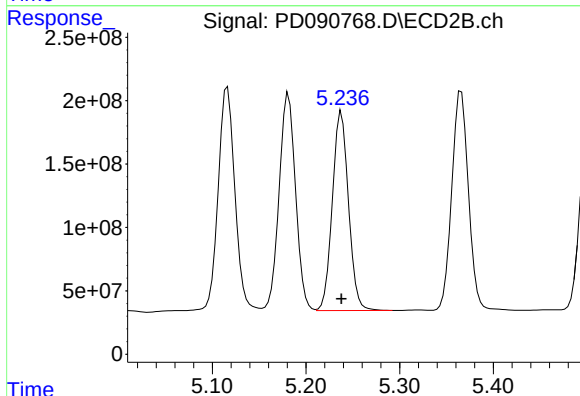
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 265306892
Conc: 47.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

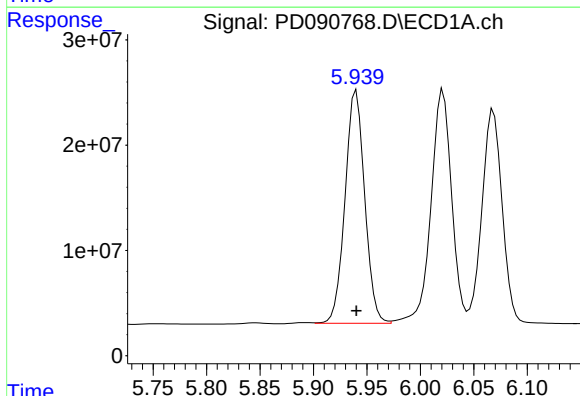
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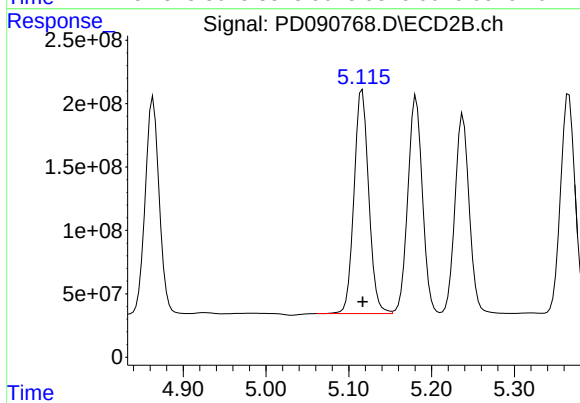
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1883530425
Conc: 47.82 ng/ml



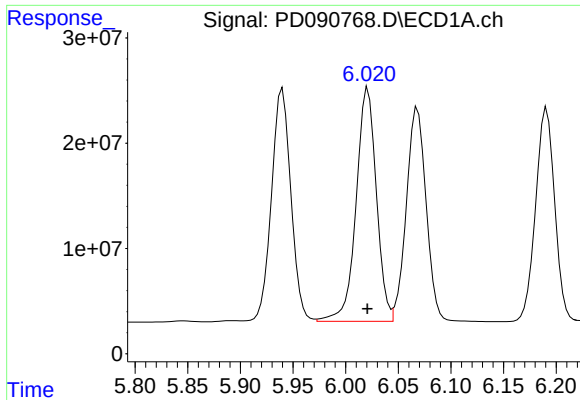
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 283008513
Conc: 47.72 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2180269957
Conc: 48.51 ng/ml



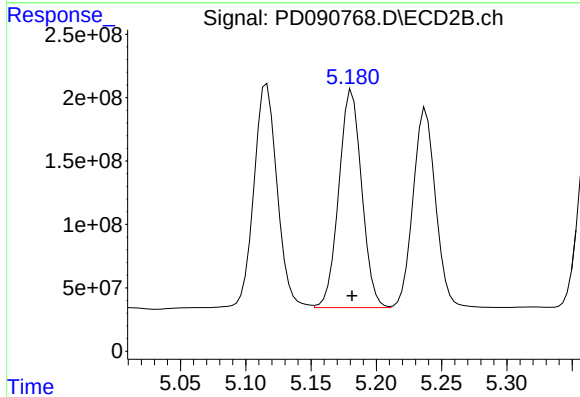
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 296739854
Conc: 48.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

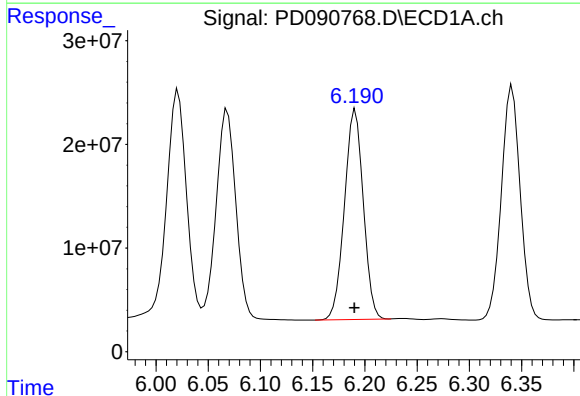
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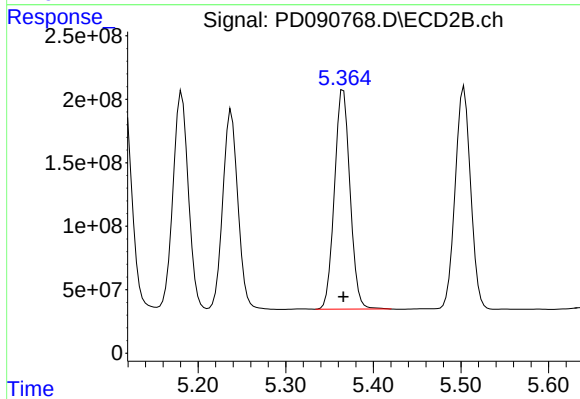
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2094323635
Conc: 48.55 ng/ml



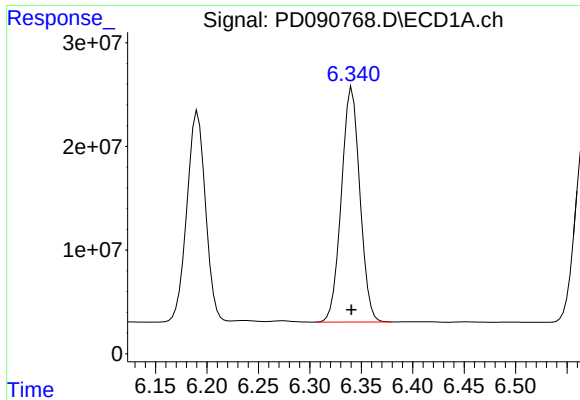
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 254128833
Conc: 47.71 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 2138528914
Conc: 48.78 ng/ml



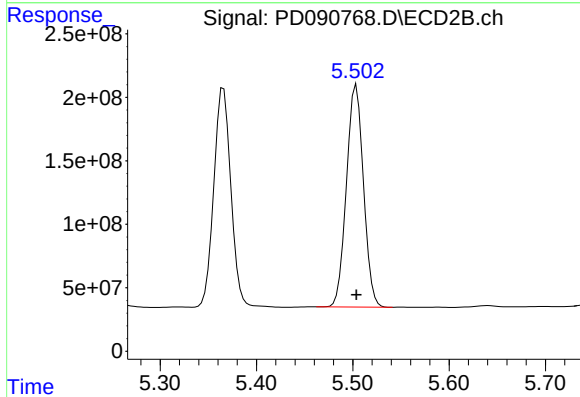
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 283574965
Conc: 48.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

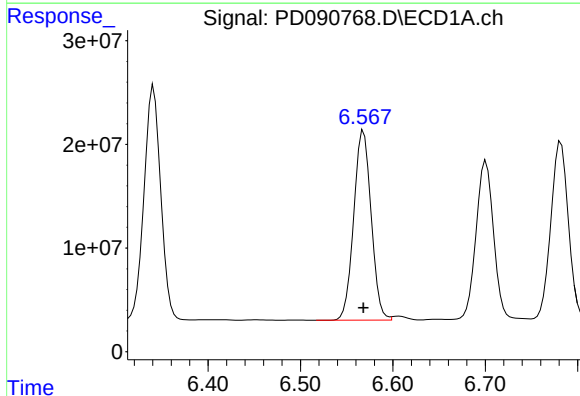
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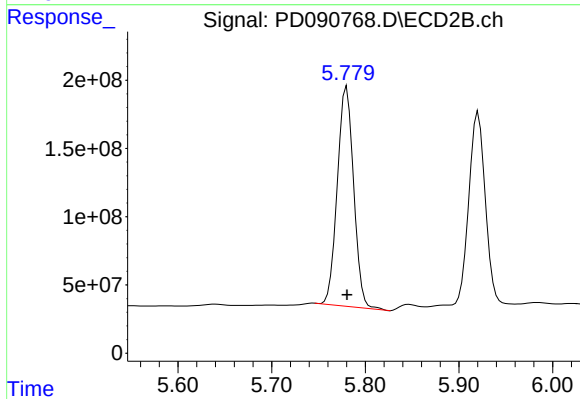
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 2141551063
Conc: 48.47 ng/ml



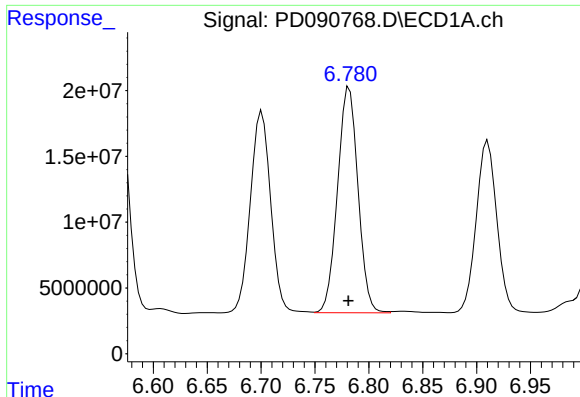
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 239724746
Conc: 48.39 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1957839756
Conc: 48.35 ng/ml



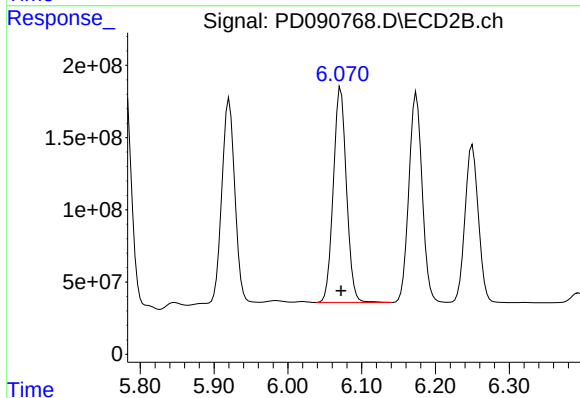
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 226813846
Conc: 45.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

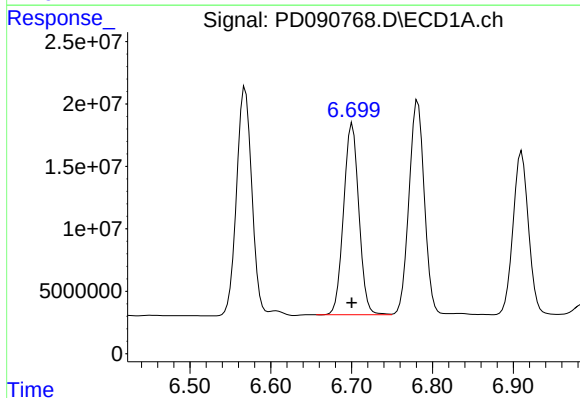
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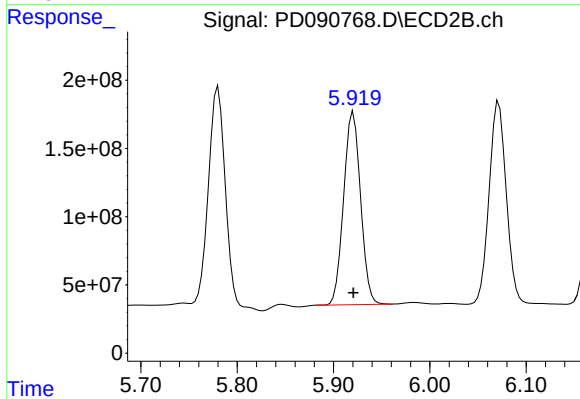
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1847281980
Conc: 49.19 ng/ml



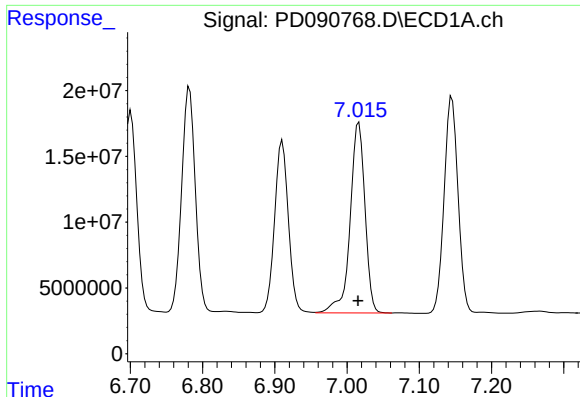
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 201302989
Conc: 49.65 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1717457499
Conc: 47.13 ng/ml



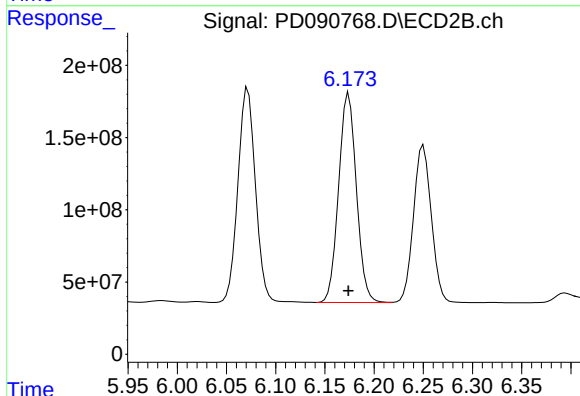
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.001 min
Response: 205987070
Conc: 50.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

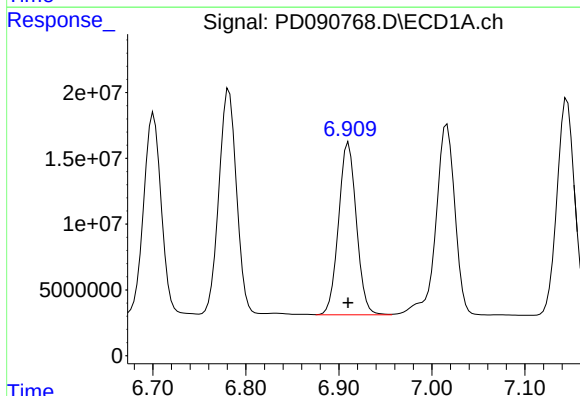
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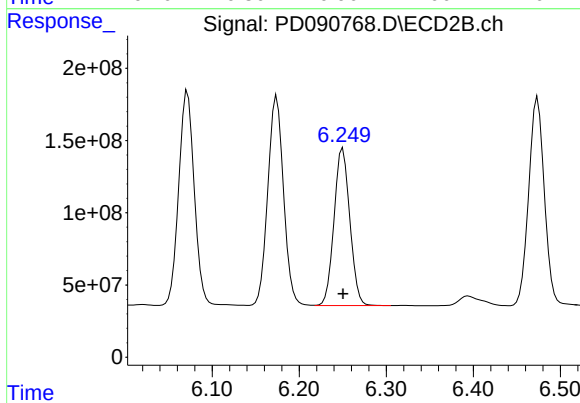
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1822278697
Conc: 51.96 ng/ml



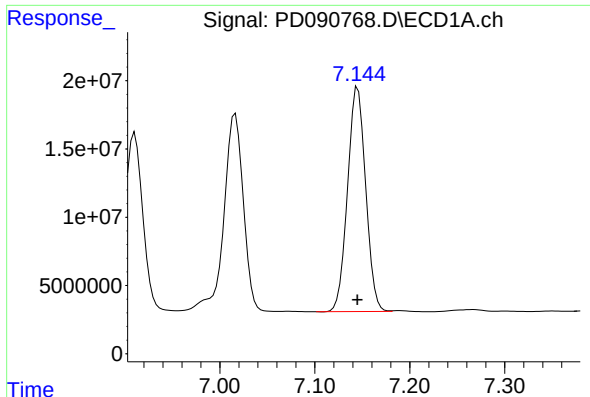
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 174437307
Conc: 47.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1373492836
Conc: 49.60 ng/ml



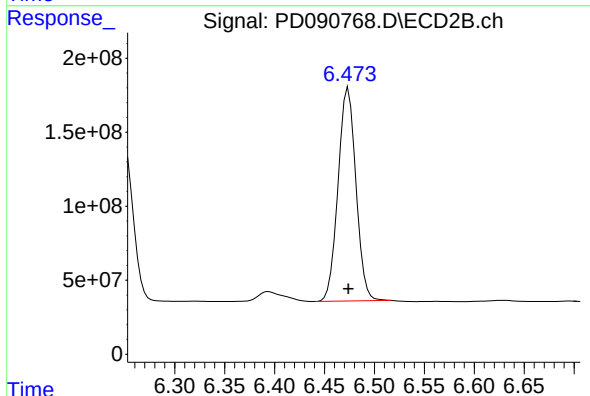
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 218256060
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

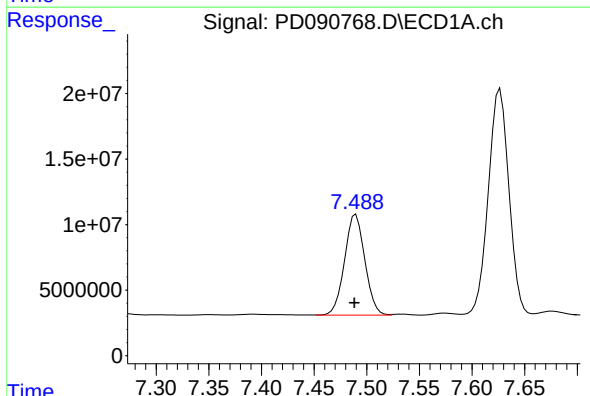
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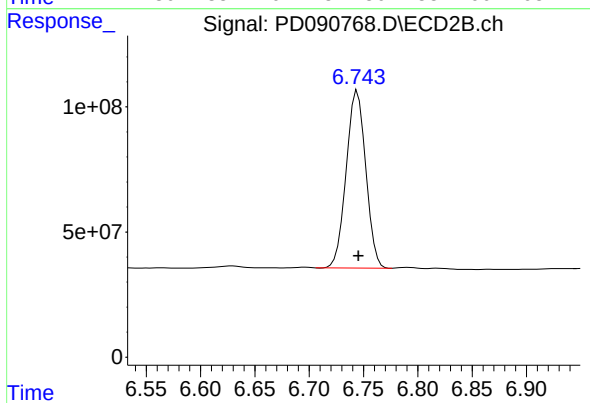
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1795448252
Conc: 50.09 ng/ml



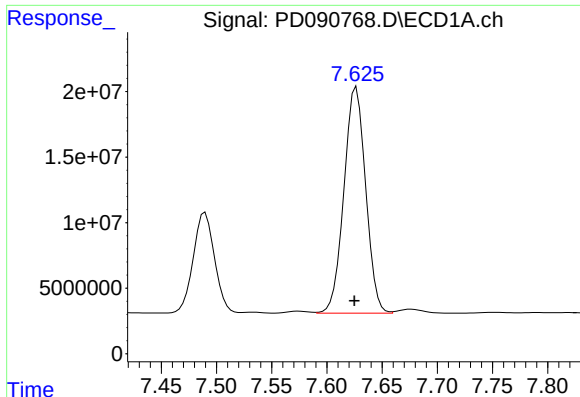
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 103317287
Conc: 48.61 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 888989148
Conc: 51.01 ng/ml



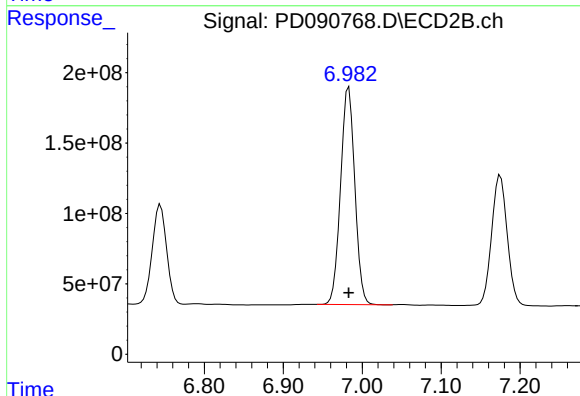
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.002 min
Response: 236402703
Conc: 48.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

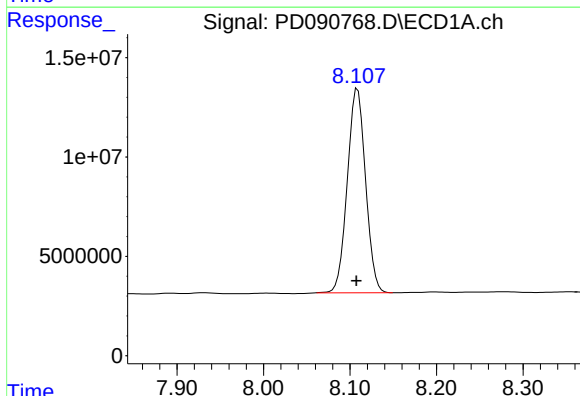
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Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025



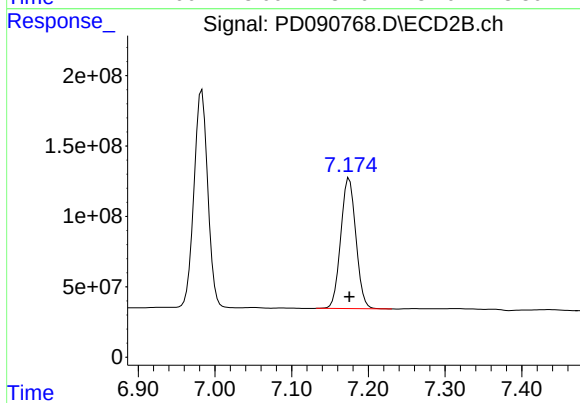
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 1933535947
Conc: 51.26 ng/ml



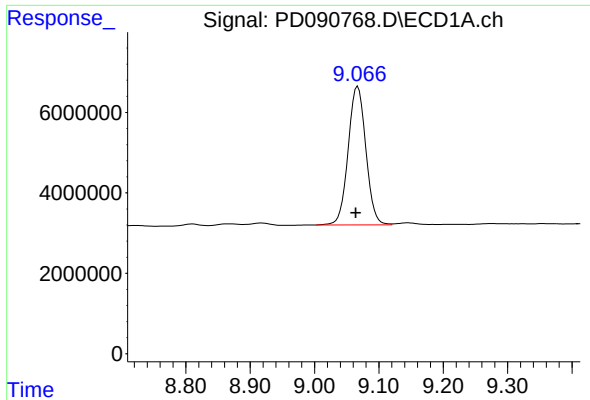
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.001 min
Response: 150162319
Conc: 46.91 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1272797690
Conc: 49.54 ng/ml



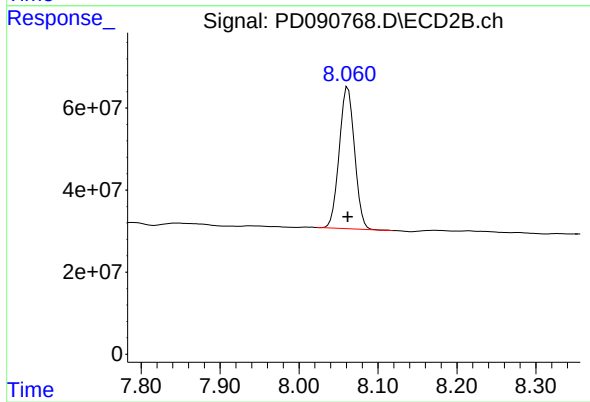
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 65859422
Conc: 14.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-ROLLOFFMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2025
Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 463986691
Conc: 15.32 ng/ml