

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097878.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 14:29
 Operator : AR\AJ
 Sample : Q3872-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MOO-25-0367MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/17/2025
 Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:47:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.497	2.800	101.1E6	144.4E6	20.040	20.670
28)	SA Decachlor...	8.953	7.947	80915528	129.5E6	21.296m	19.690
Target Compounds							
2)	A alpha-BHC	3.943	3.302	470.1E6	655.2E6	55.591	57.103
3)	MA gamma-BHC...	4.271	3.632	440.1E6	613.7E6	54.901	57.057
4)	MA Heptachlor	4.860	3.978	419.8E6	541.8E6	52.724	52.125
5)	MB Aldrin	5.199	4.259	406.9E6	569.4E6	56.169	57.573
6)	B beta-BHC	4.459	3.929	177.7E6	253.1E6	53.064m	54.591
7)	B delta-BHC	4.704	4.160	429.4E6	613.2E6	55.437m	57.381
8)	B Heptachlo...	5.617	4.760	358.9E6	511.1E6	53.951m	56.770
9)	A Endosulfan I	6.000	5.130	322.1E6	494.5E6	54.706	48.533
10)	B gamma-Chl...	5.872	5.010	357.4E6	549.4E6	55.054	53.939m
11)	B alpha-Chl...	5.952	5.075	350.6E6	549.1E6	53.998	53.546
12)	B 4,4'-DDE	6.124	5.264	323.5E6	500.4E6	55.073	56.790
13)	MA Dieldrin	6.272	5.394	345.4E6	528.8E6	56.290	56.435
14)	MA Endrin	6.498	5.667	271.8E6	445.2E6	52.475	53.276
15)	B Endosulfa...	6.712	5.960	281.6E6	454.0E6	55.101	54.852
16)	A 4,4'-DDD	6.633	5.816	268.0E6	421.1E6	57.864	56.137
17)	MA 4,4'-DDT	6.946	6.067	234.0E6	354.8E6	48.848	46.247
18)	B Endrin al...	6.841	6.138	216.0E6	346.0E6	54.824	54.195
19)	B Endosulfa...	7.074	6.361	263.6E6	446.2E6	53.166	54.807
20)	A Methoxychlor	7.419	6.639	120.5E6	186.0E6	47.861	44.512
21)	B Endrin ke...	7.552	6.864	285.2E6	498.0E6	54.878	55.828
22)	Mirex	8.028	7.052	159.2E6	298.6E6	46.166	46.263

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 14:29
Operator : AR\AJ
Sample : Q3872-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

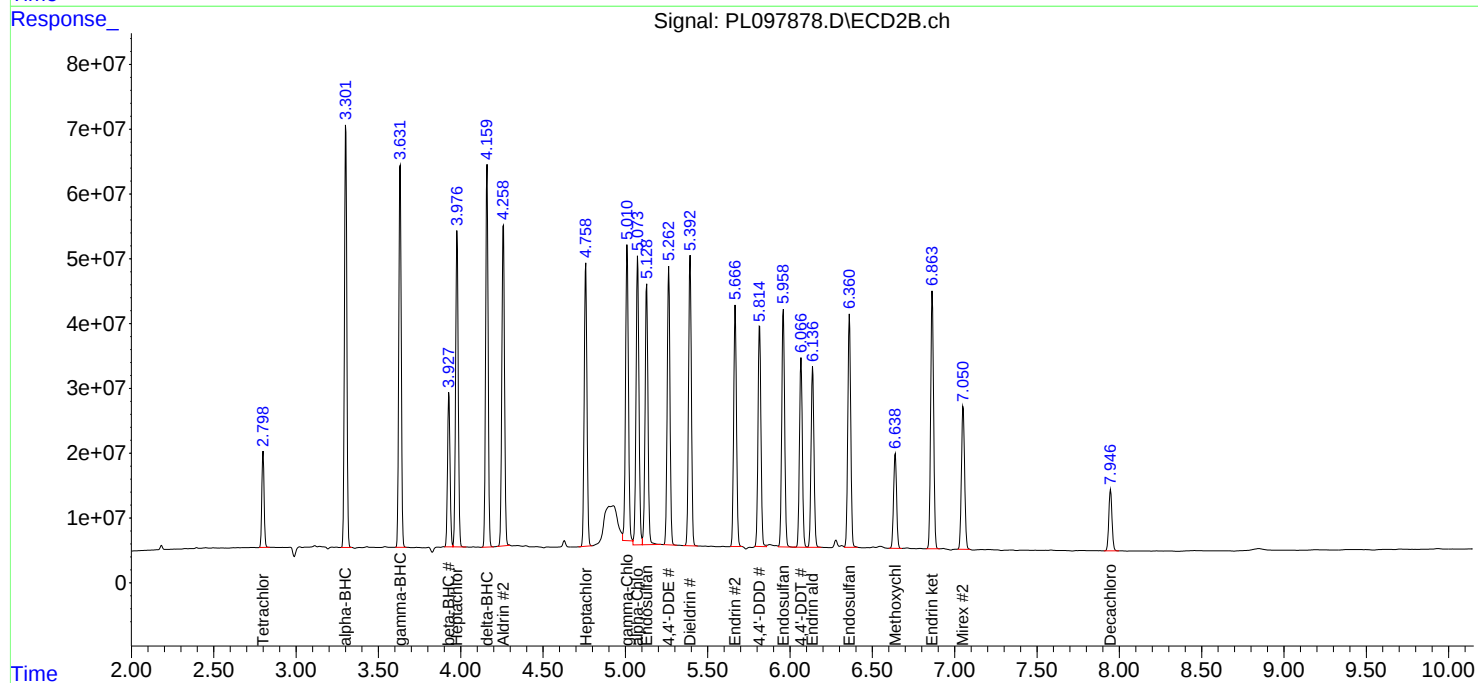
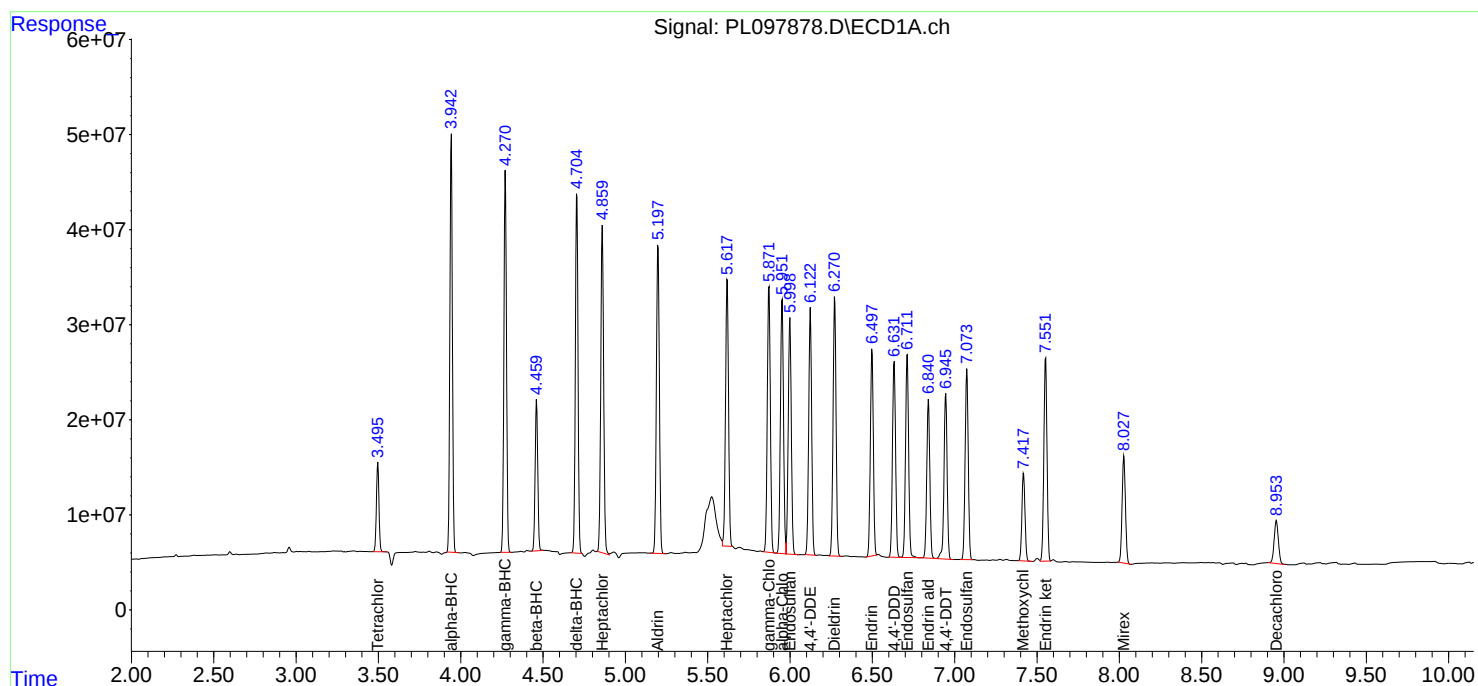
Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

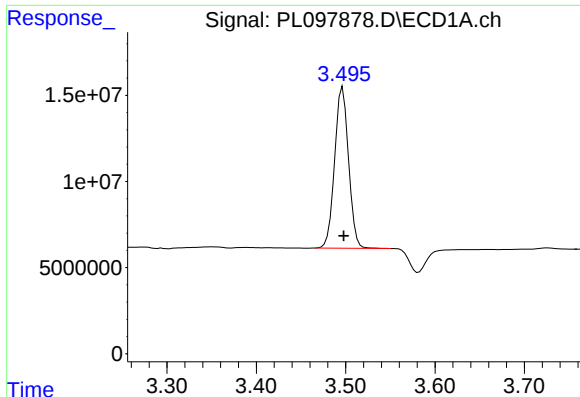
Manual Integrations
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Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:47:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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





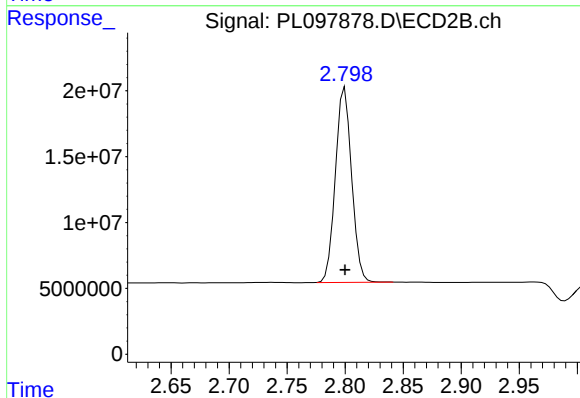
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.001 min
Response: 101141449
Conc: 20.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

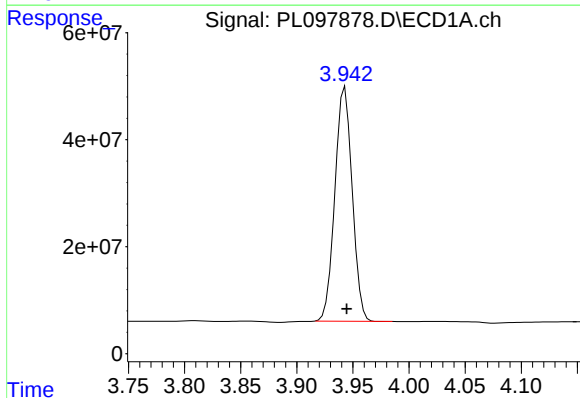
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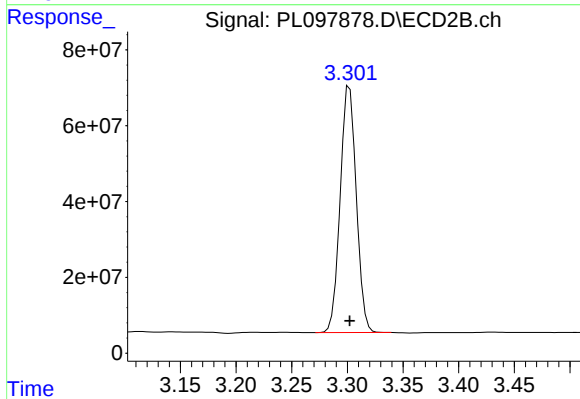
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 144381868
Conc: 20.67 ng/ml



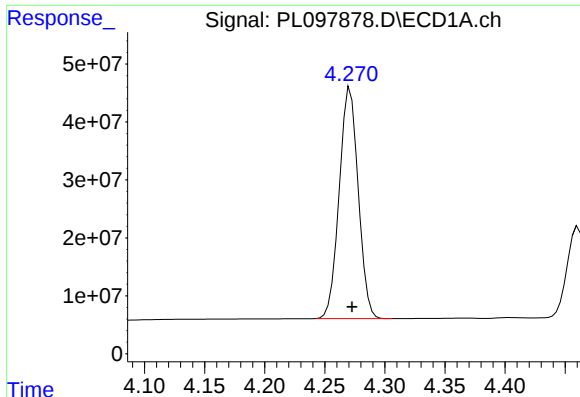
#2 alpha-BHC

R.T.: 3.943 min
Delta R.T.: -0.001 min
Response: 470115355
Conc: 55.59 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 655186268
Conc: 57.10 ng/ml



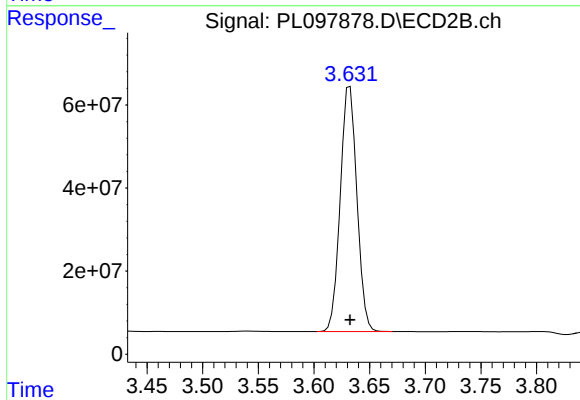
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 440122191
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

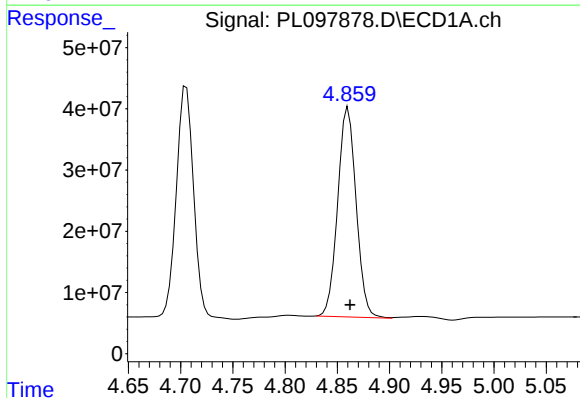
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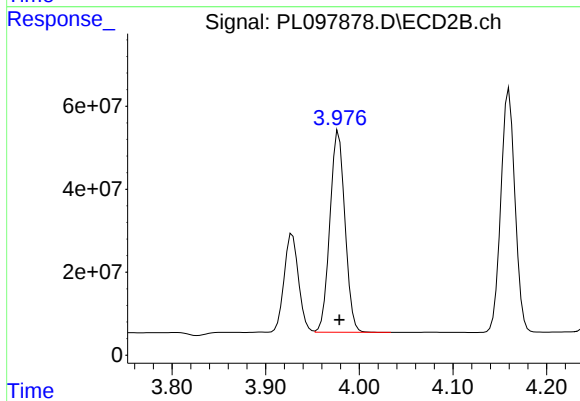
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 613703616
Conc: 57.06 ng/ml



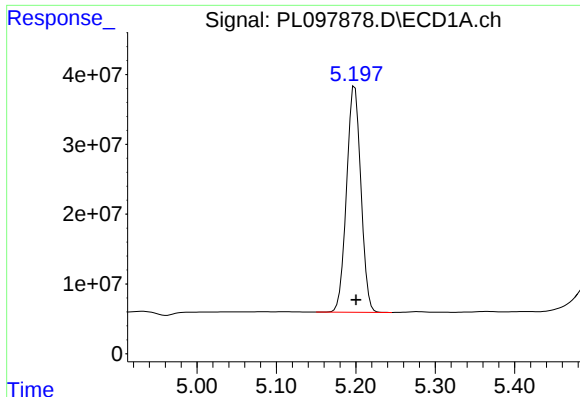
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 419795703
Conc: 52.72 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 541845325
Conc: 52.12 ng/ml



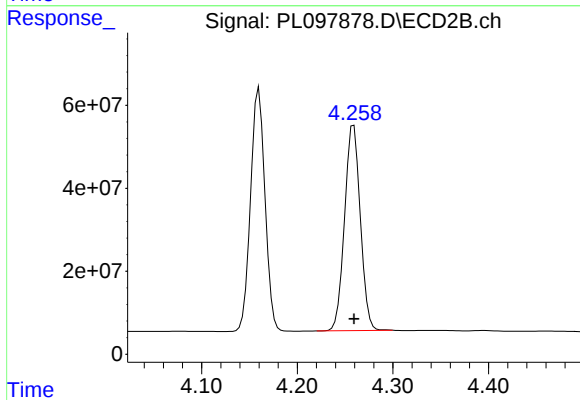
#5 Aldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 406913242
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

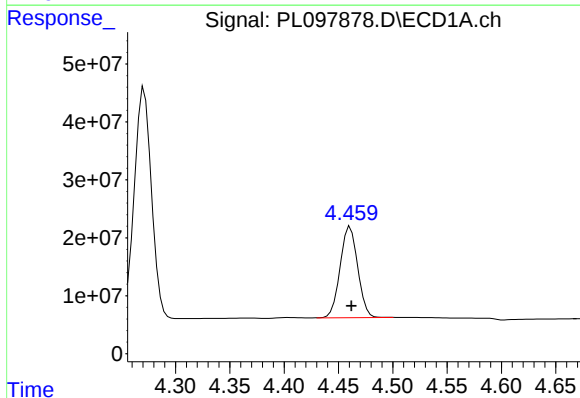
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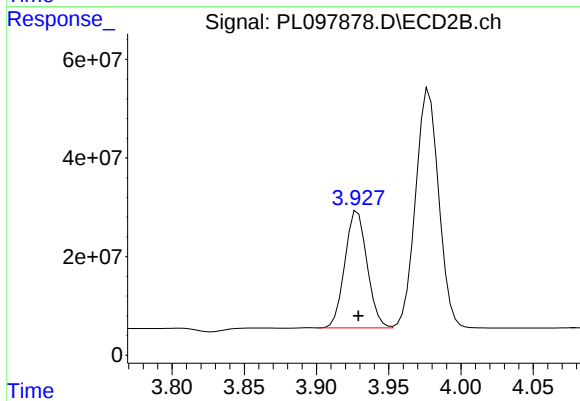
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 569374262
Conc: 57.57 ng/ml



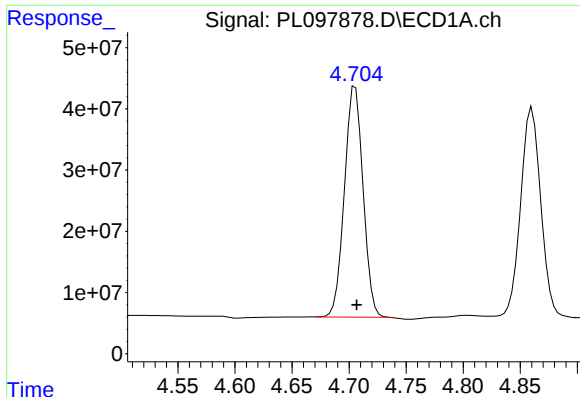
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 177665389
Conc: 53.06 ng/ml m



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 253098287
Conc: 54.59 ng/ml



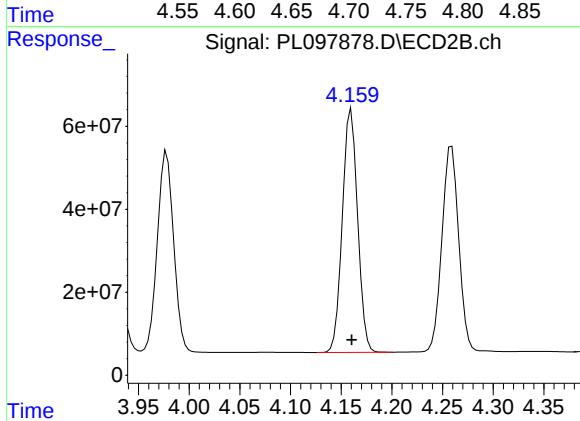
#7 delta-BHC

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 429375285
Conc: 55.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

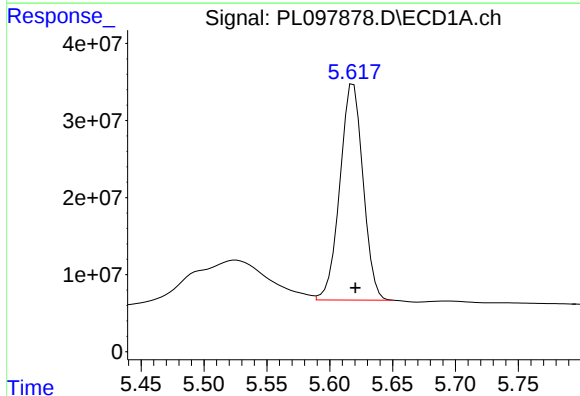
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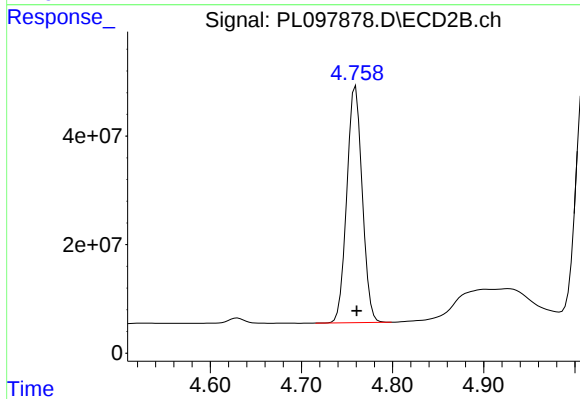
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 613241880
Conc: 57.38 ng/ml



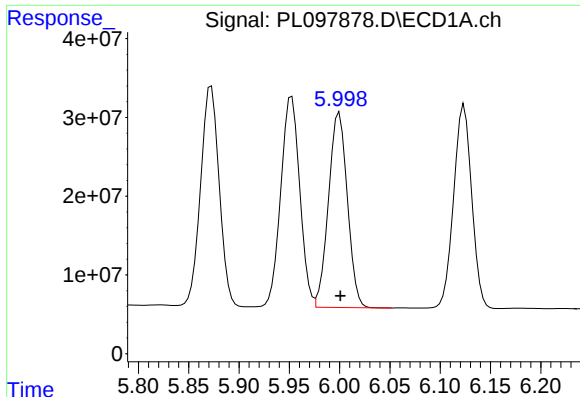
#8 Heptachlor epoxide

R.T.: 5.617 min
Delta R.T.: -0.003 min
Response: 358948840
Conc: 53.95 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 511140518
Conc: 56.77 ng/ml



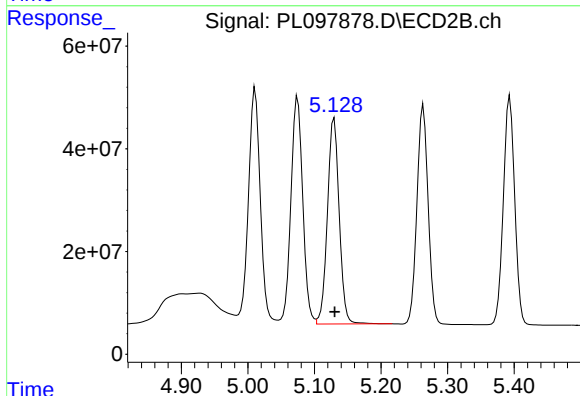
#9 Endosulfan I

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 322081526
Conc: 54.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

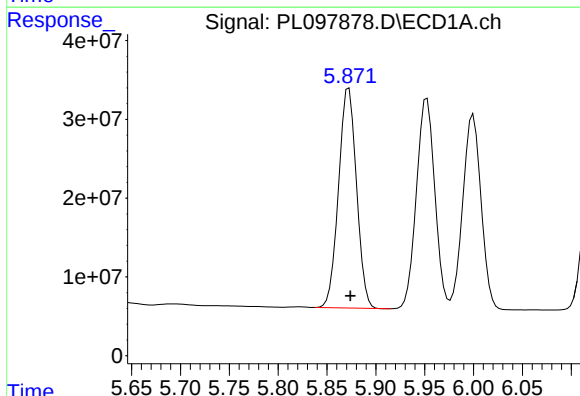
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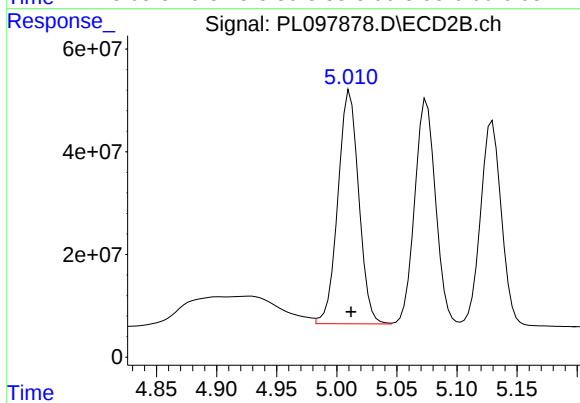
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 494470367
Conc: 48.53 ng/ml



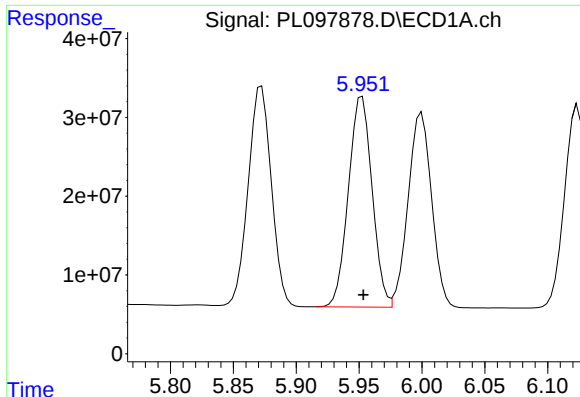
#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 357388483
Conc: 55.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 549373117
Conc: 53.94 ng/ml m



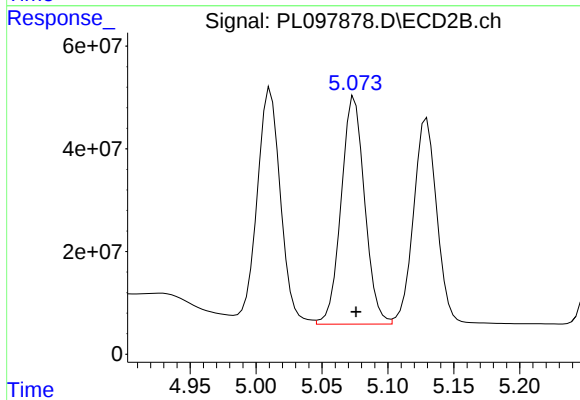
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 350613253
Conc: 54.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

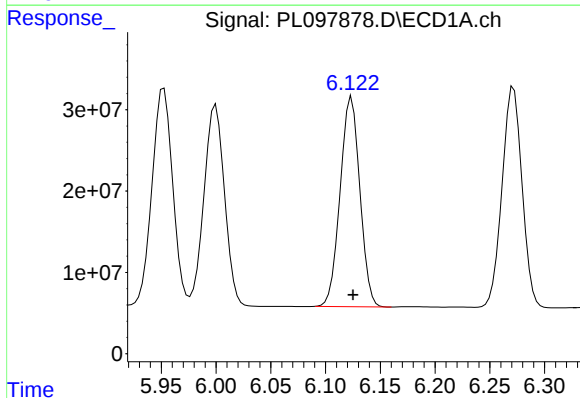
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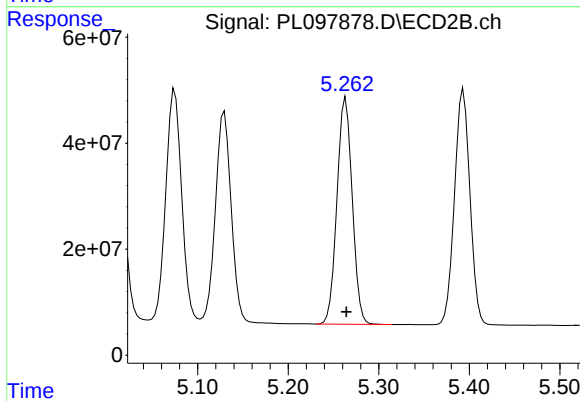
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.001 min
Response: 549102200
Conc: 53.55 ng/ml



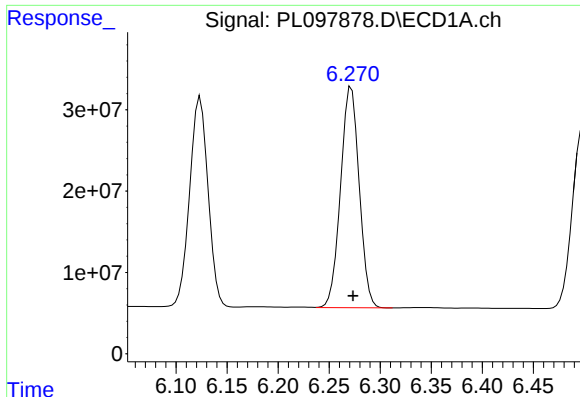
#12 4,4'-DDE

R.T.: 6.124 min
Delta R.T.: -0.001 min
Response: 323461980
Conc: 55.07 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 500367157
Conc: 56.79 ng/ml



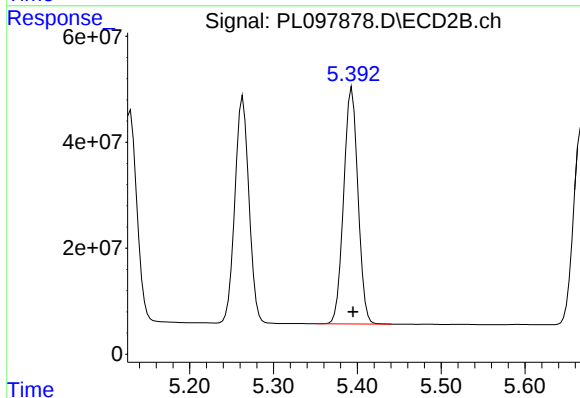
#13 Dieldrin

R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 345420692
Conc: 56.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

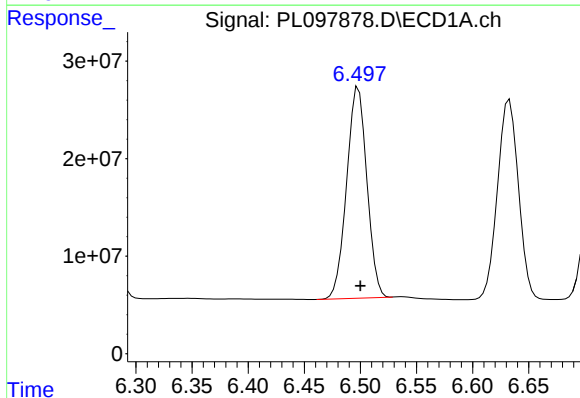
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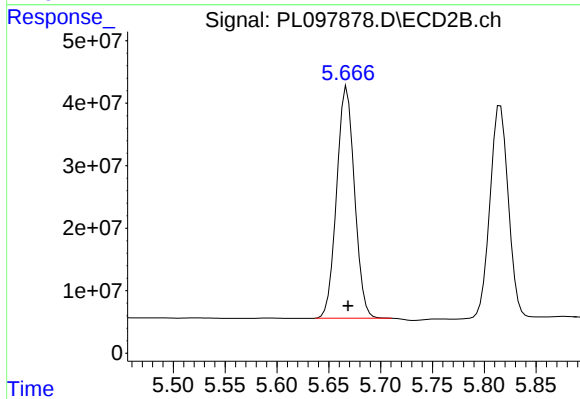
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: -0.001 min
Response: 528823088
Conc: 56.44 ng/ml



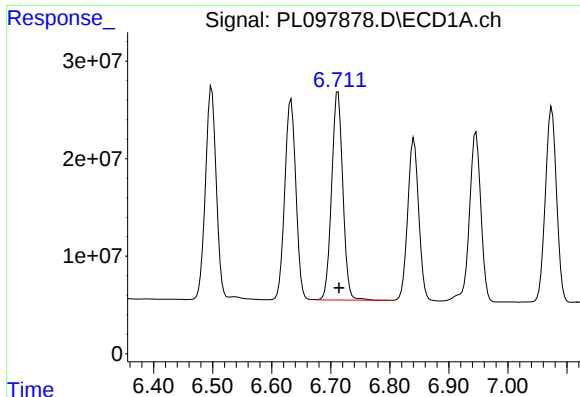
#14 Endrin

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 271791832
Conc: 52.48 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 445222704
Conc: 53.28 ng/ml



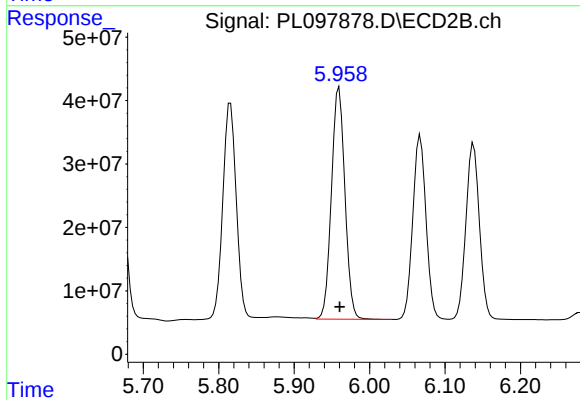
#15 Endosulfan II

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 281567211
Conc: 55.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

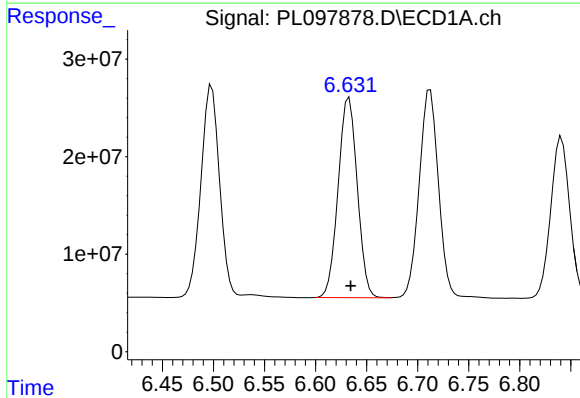
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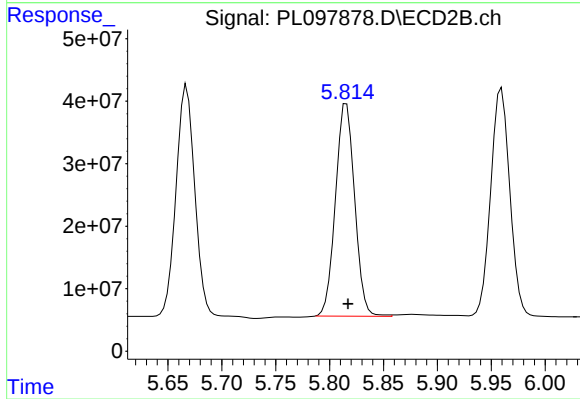
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 454009239
Conc: 54.85 ng/ml



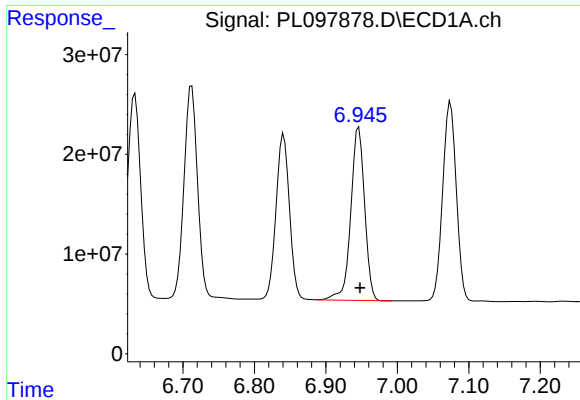
#16 4,4'-DDD

R.T.: 6.633 min
Delta R.T.: -0.002 min
Response: 268025898
Conc: 57.86 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 421083946
Conc: 56.14 ng/ml



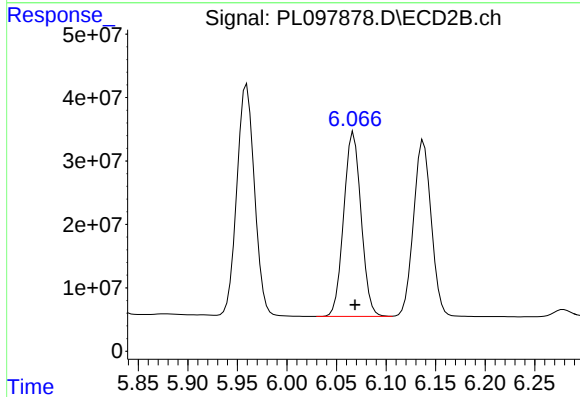
#17 4,4'-DDT

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 233997696
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

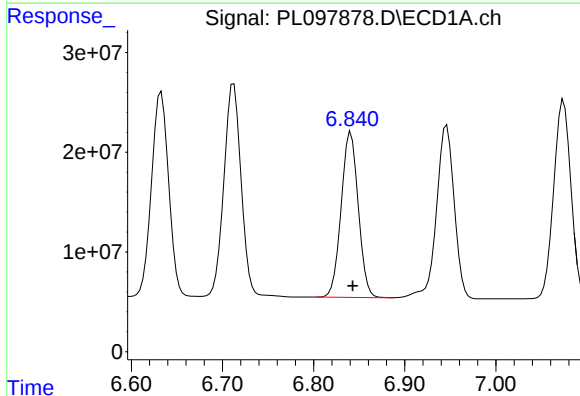
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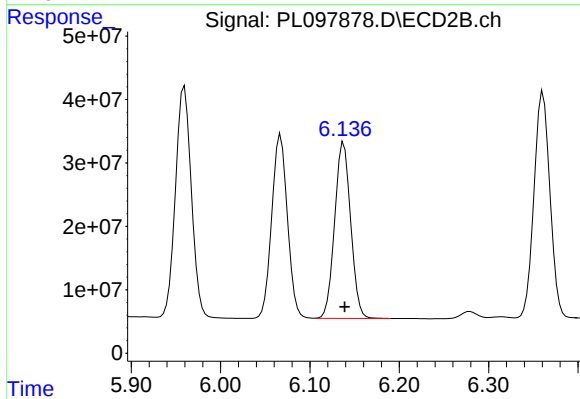
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 354750223
Conc: 46.25 ng/ml



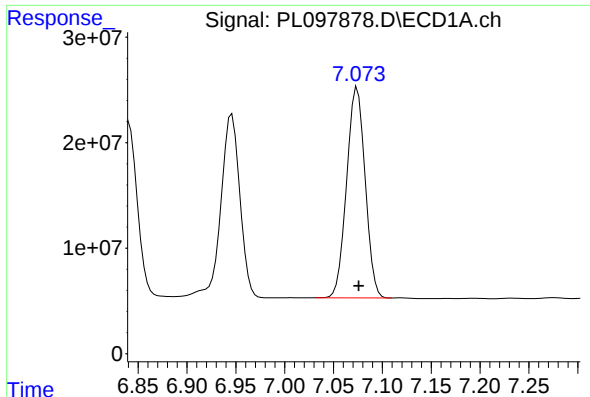
#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 216023949
Conc: 54.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 346037239
Conc: 54.19 ng/ml



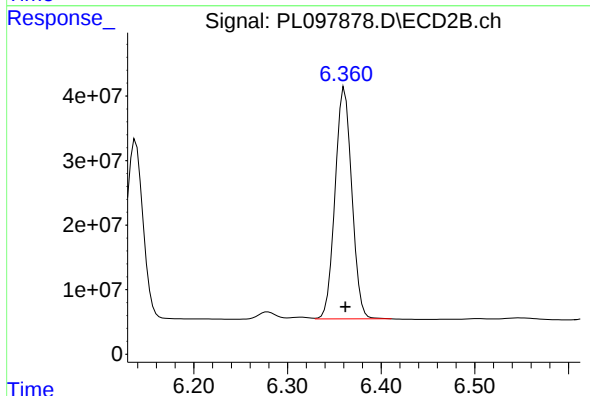
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: -0.001 min
Response: 263562476
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

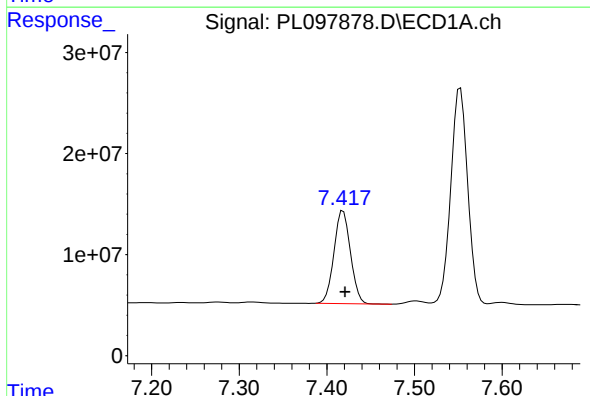
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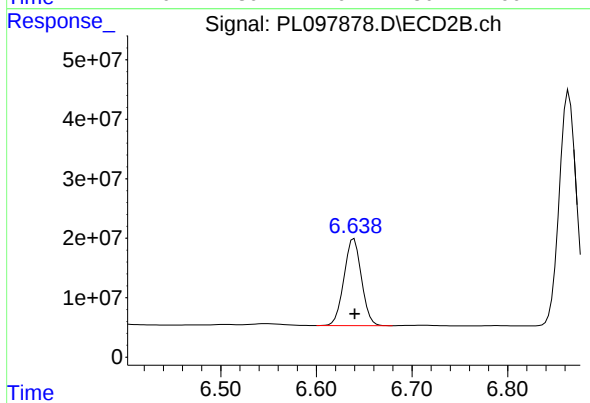
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 446181703
Conc: 54.81 ng/ml



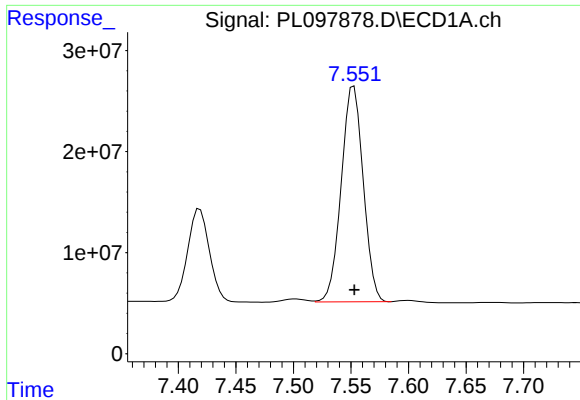
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 120461505
Conc: 47.86 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 186015256
Conc: 44.51 ng/ml



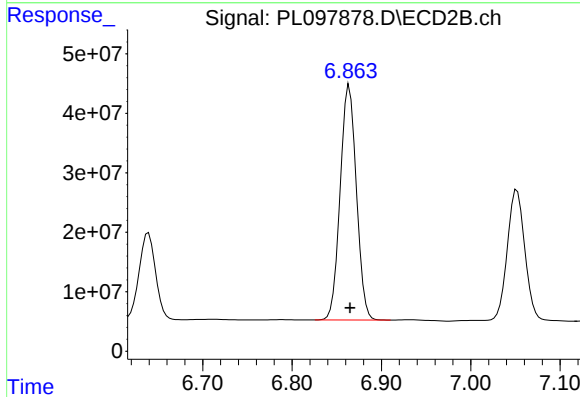
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 285181007
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

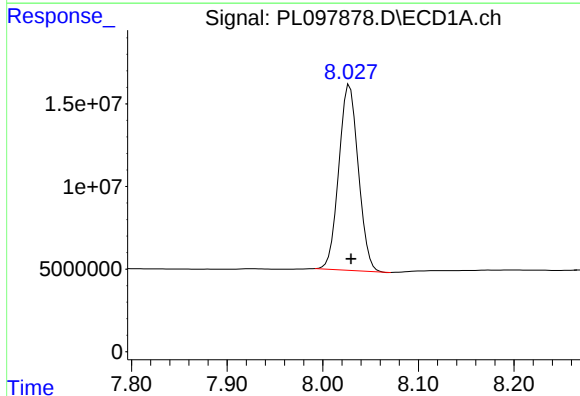
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



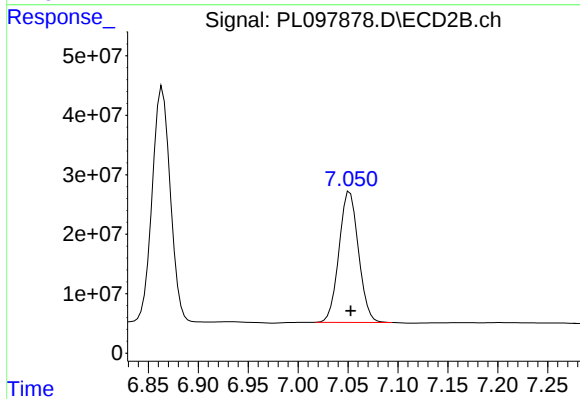
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 498037354
Conc: 55.83 ng/ml



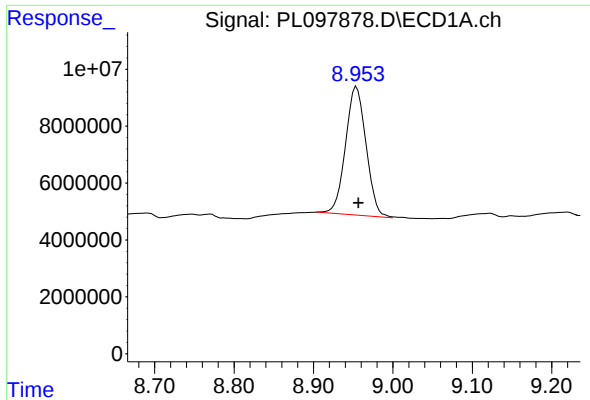
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 159224014
Conc: 46.17 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 298642754
Conc: 46.26 ng/ml



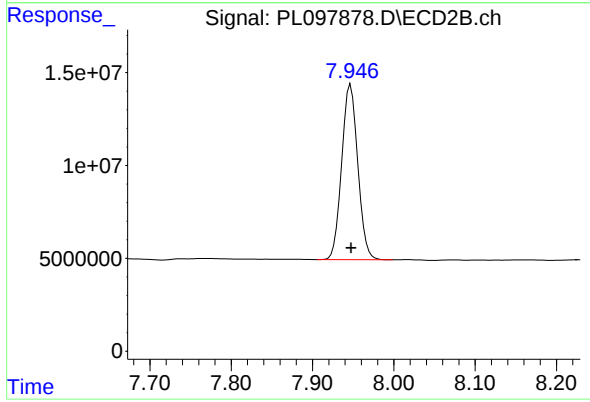
#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: -0.004 min
Response: 80915528
Conc: 21.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MS

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 12/17/2025



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 129481955
Conc: 19.69 ng/ml