

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120525\
 Data File : PL097787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2025 11:16
 Operator : AR\AJ
 Sample : Q3753-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MOO-25-334-337MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/08/2025
 Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:17:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 26 07:07:11 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...	3.502	2.802	57883415	70262746	11.297	9.823
28)	SA Decachlor...	8.963	7.950	74789327	104.6E6	23.301	22.228
Target Compounds							
2)	A alpha-BHC	3.949	3.305	234.2E6	274.1E6	27.608	23.926
3)	MA gamma-BHC...	4.277	3.636	217.4E6	255.3E6	27.891	24.871
4)	MA Heptachlor	4.866	3.982	223.6E6	233.3E6	29.968	24.659
5)	MB Aldrin	5.205	4.263	205.5E6	230.3E6	29.949	24.278
6)	B beta-BHC	4.465	3.930	90541186	101.2E6	27.729m	22.874m
7)	B delta-BHC	4.711	4.163	209.7E6	242.4E6	30.049	23.660
8)	B Heptachlo...	5.625	4.763	200.3E6	215.3E6	31.849	25.651
9)	A Endosulfan I	6.006	5.133	184.1E6	213.3E6	34.118	24.668 #
10)	B gamma-Chl...	5.877	5.013	201.9E6	245.4E6	33.793m	27.423m
11)	B alpha-Chl...	5.959	5.078	201.3E6	228.1E6	33.651	24.360 #
12)	B 4,4'-DDE	6.130	5.267	248.9E6	291.9E6	46.463	35.869
13)	MA Dieldrin	6.277	5.396	259.1E6	301.6E6	46.328	34.904m
14)	MA Endrin	6.504	5.671	180.4E6	225.1E6	39.181	29.288 #
15)	B Endosulfa...	6.718	5.963	188.8E6	221.1E6	37.223	30.372
16)	A 4,4'-DDD	6.639	5.819	211.7E6	240.4E6	49.727	35.531 #
17)	MA 4,4'-DDT	6.951	6.071	196.9E6	207.9E6	53.953m	42.190
18)	B Endrin al...	6.847	6.141	144.9E6	204.3E6	39.893	35.550
19)	B Endosulfa...	7.080	6.364	192.6E6	294.8E6	43.778	42.950
20)	A Methoxychlor	7.425	6.641	96232766	111.0E6	50.989	41.335m
21)	B Endrin ke...	7.558	6.867	216.3E6	277.2E6	49.555	38.051
22)	Mirex	8.034	7.055	135.9E6	179.7E6	44.717	34.725

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120525\
Data File : PL097787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2025 11:16
Operator : AR\AJ
Sample : Q3753-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

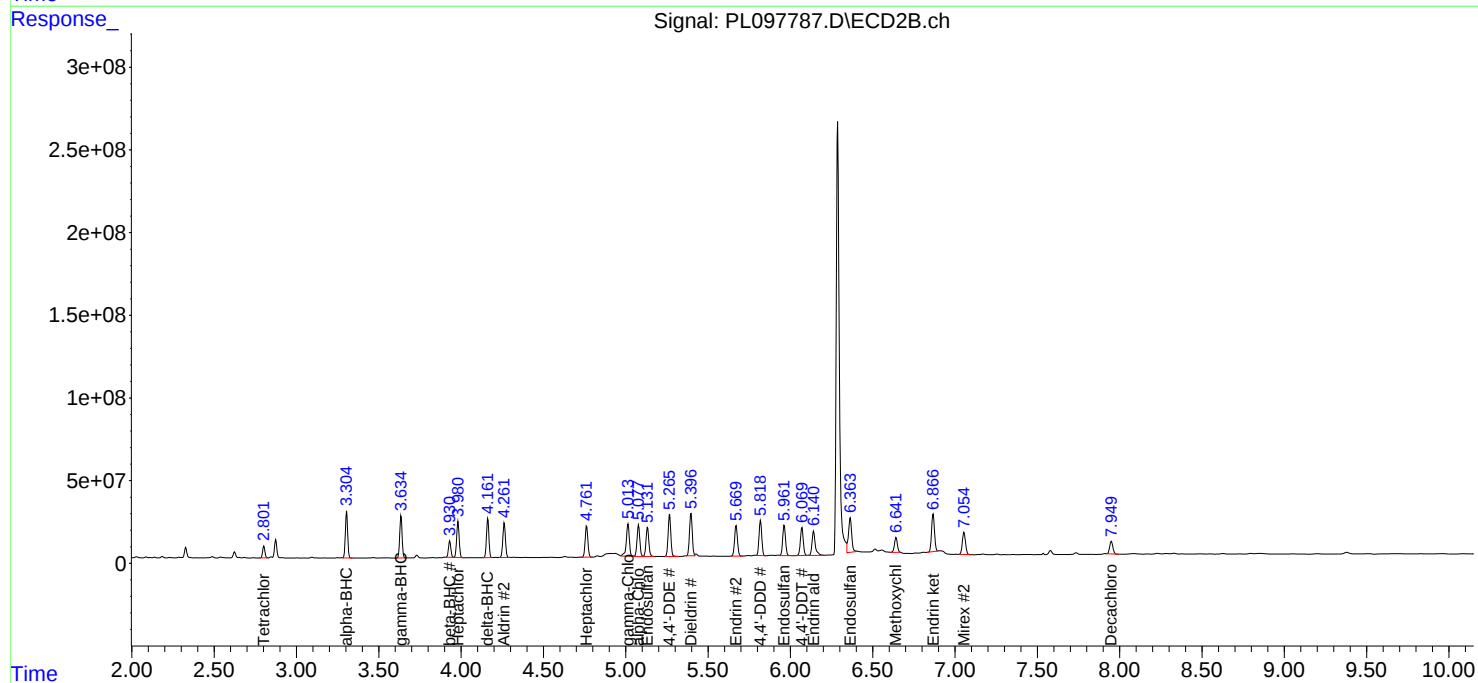
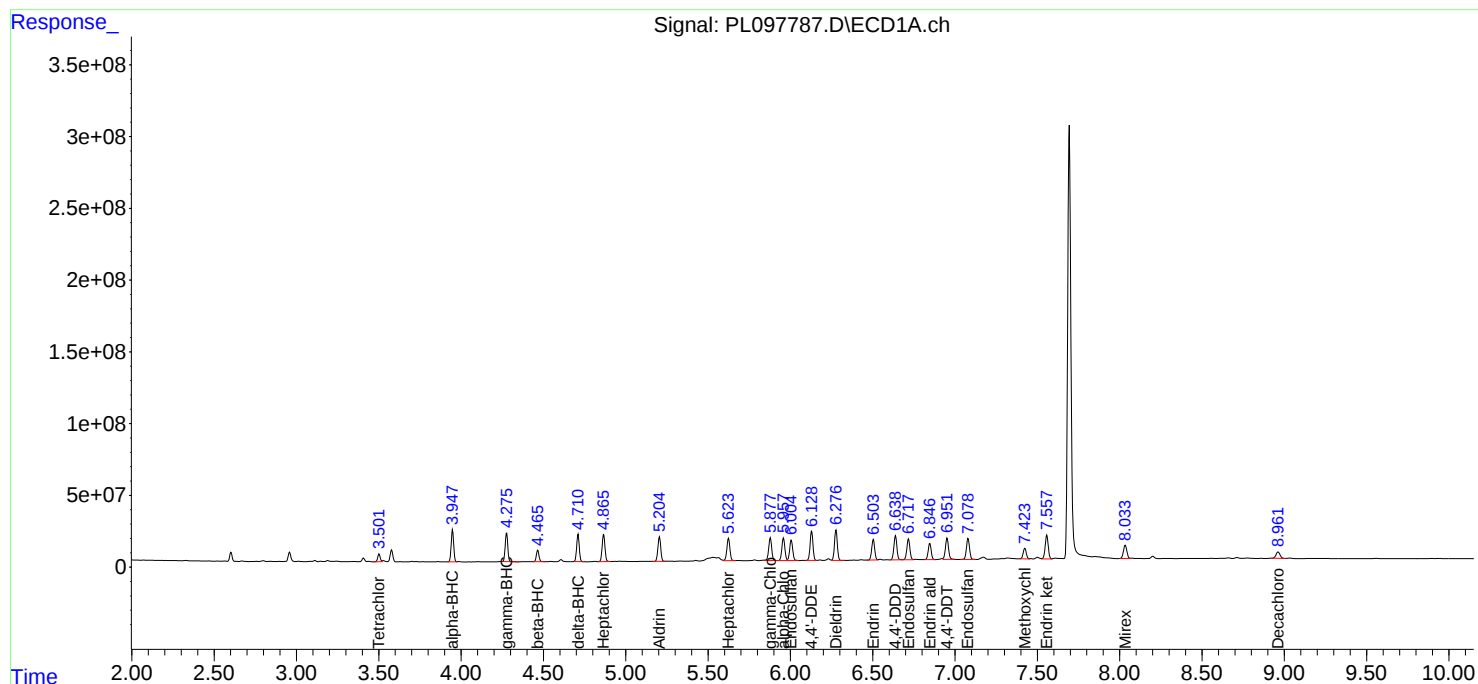
Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

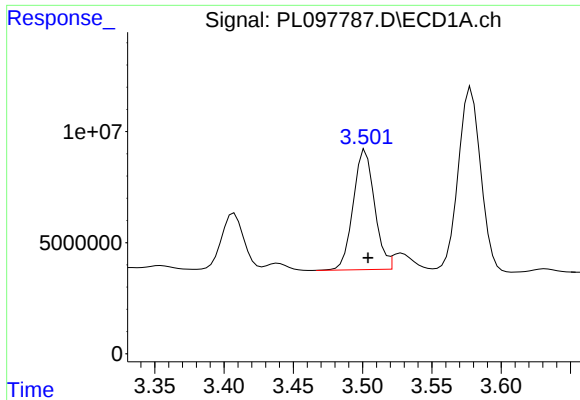
Manual Integrations
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Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 01:17:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
Quant Title : GC Extractables
QLast Update : Wed Nov 26 07:07:11 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





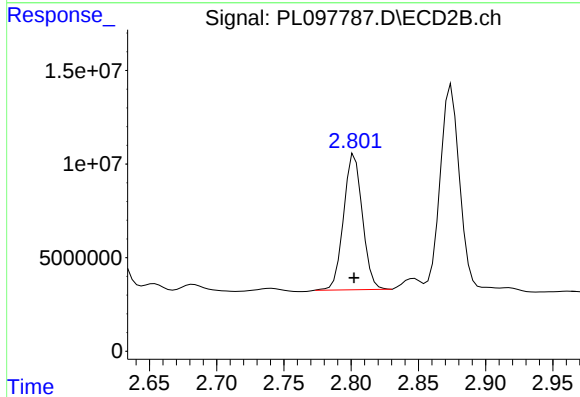
#1 Tetrachloro-m-xylene

R.T.: 3.502 min
Delta R.T.: -0.002 min
Response: 57883415
Conc: 11.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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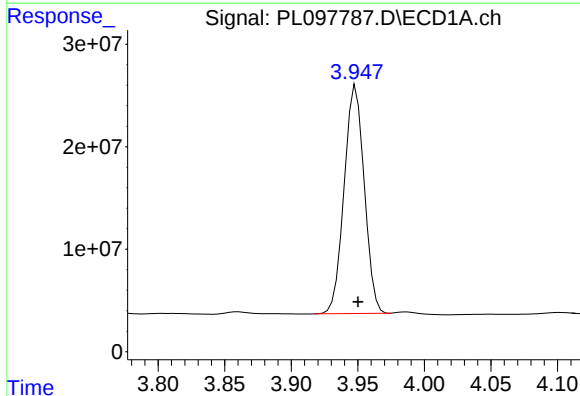
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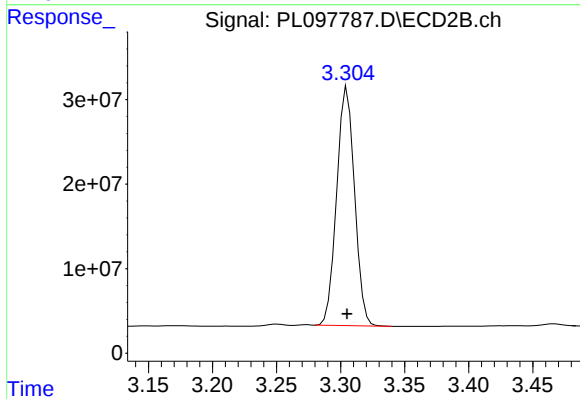
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: 0.000 min
Response: 70262746
Conc: 9.82 ng/ml



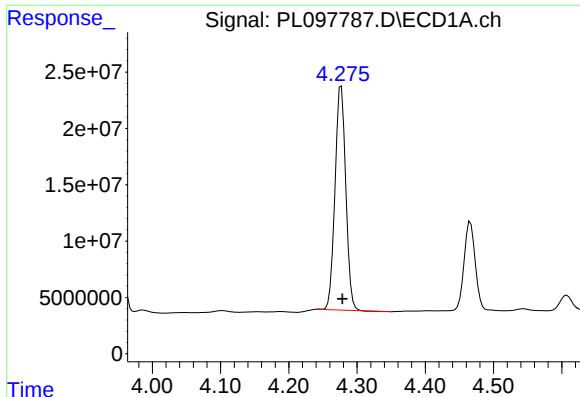
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: -0.002 min
Response: 234216305
Conc: 27.61 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 274062059
Conc: 23.93 ng/ml



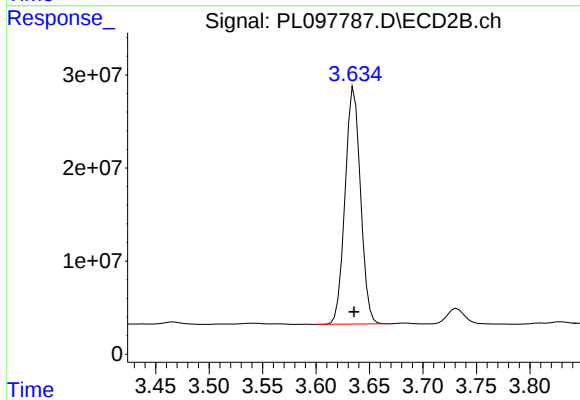
#3 gamma-BHC (Lindane)

R.T.: 4.277 min
Delta R.T.: -0.002 min
Response: 21740009
Conc: 27.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

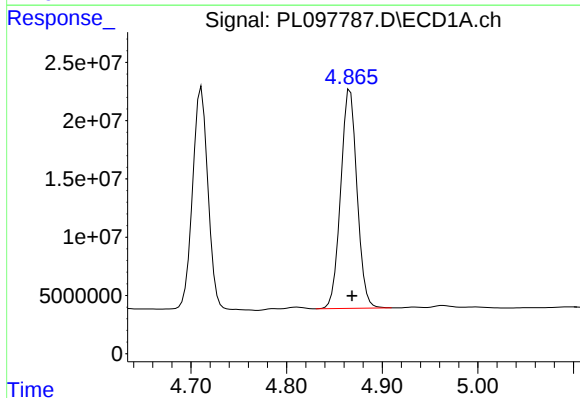
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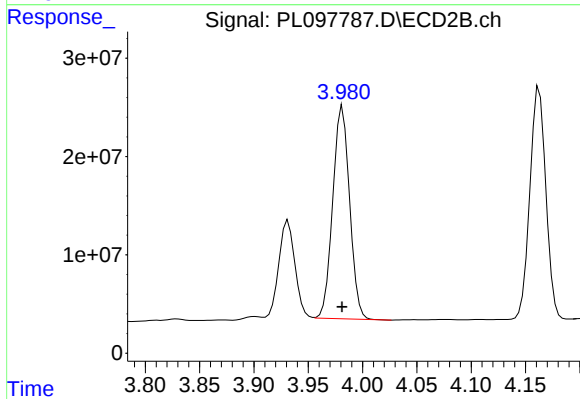
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 255285168
Conc: 24.87 ng/ml



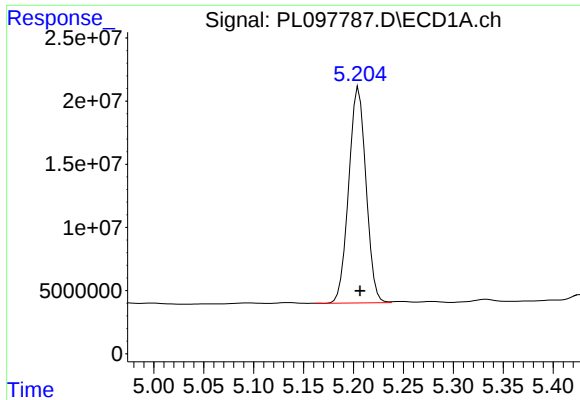
#4 Heptachlor

R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 223557266
Conc: 29.97 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 233327753
Conc: 24.66 ng/ml



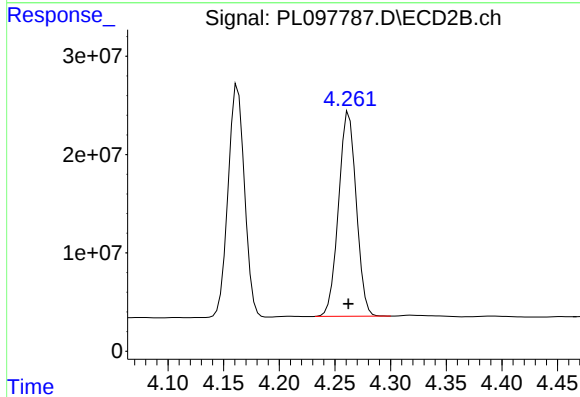
#5 Aldrin

R.T.: 5.205 min
Delta R.T.: -0.001 min
Response: 205513726
Conc: 29.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

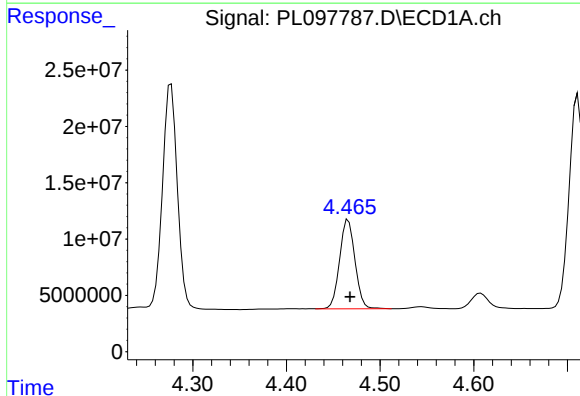
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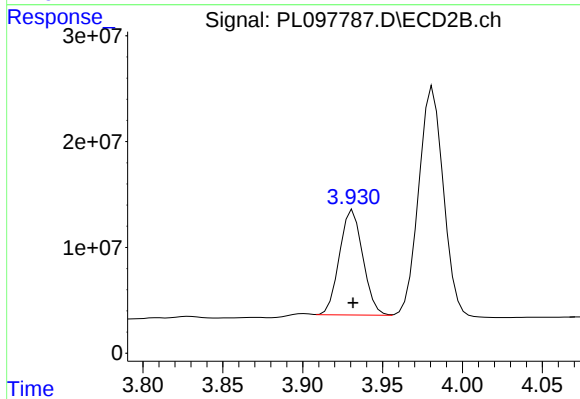
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 230333705
Conc: 24.28 ng/ml



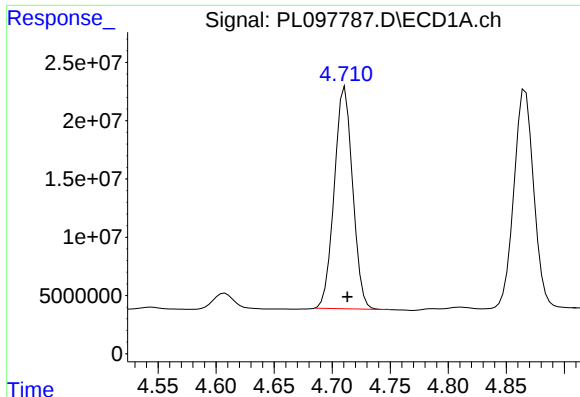
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 90541186
Conc: 27.73 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.001 min
Response: 101193284
Conc: 22.87 ng/ml m



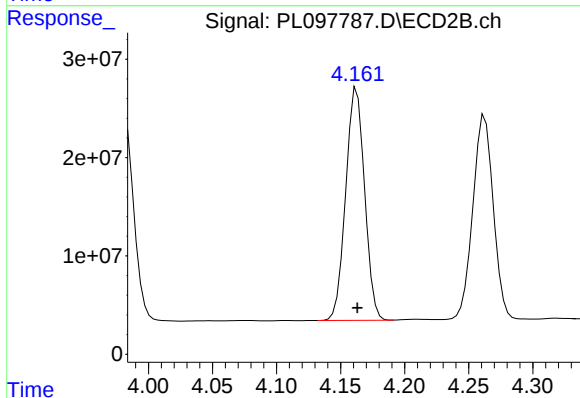
#7 delta-BHC

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 209736350
Conc: 30.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

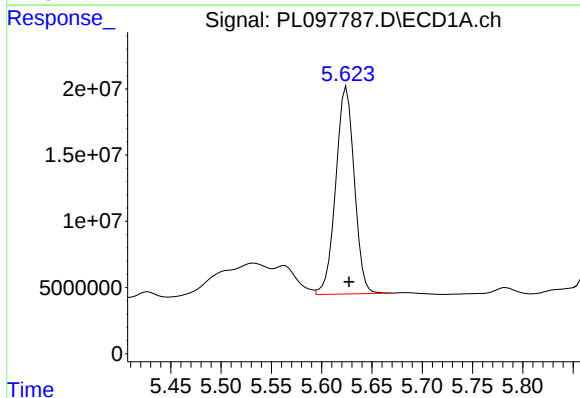
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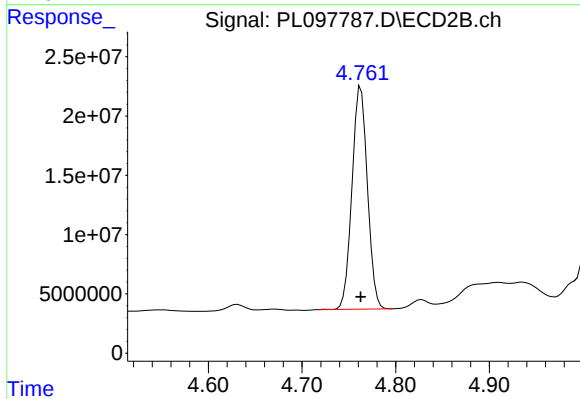
#7 delta-BHC

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 242401433
Conc: 23.66 ng/ml



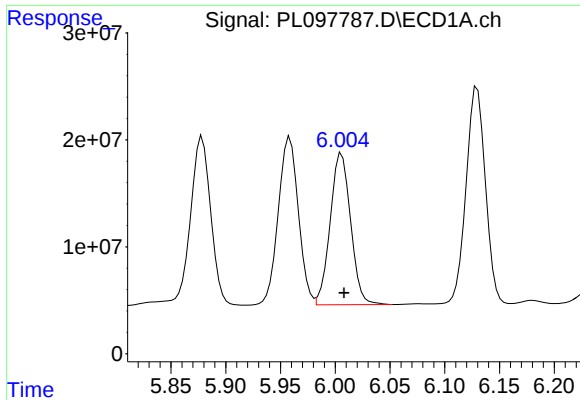
#8 Heptachlor epoxide

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 200285058
Conc: 31.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 215264953
Conc: 25.65 ng/ml



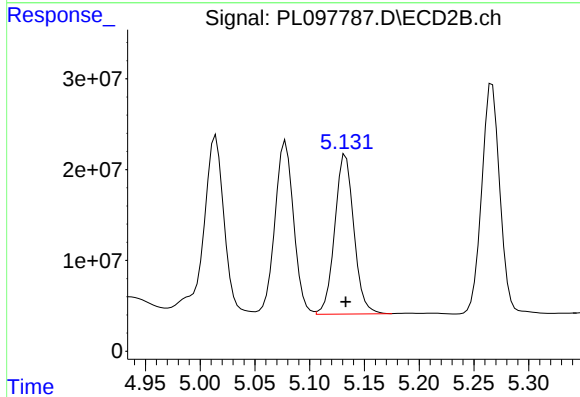
#9 Endosulfan I

R.T.: 6.006 min
Delta R.T.: -0.002 min
Response: 184069315
Conc: 34.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

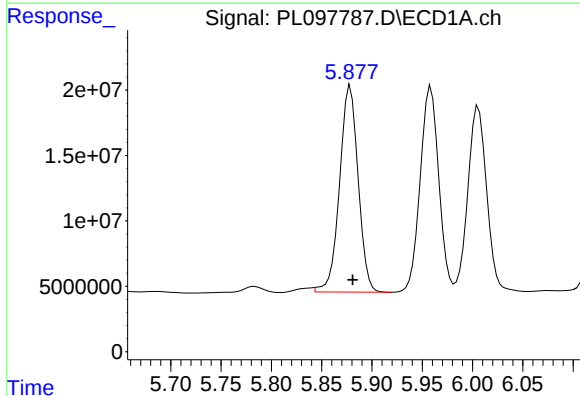
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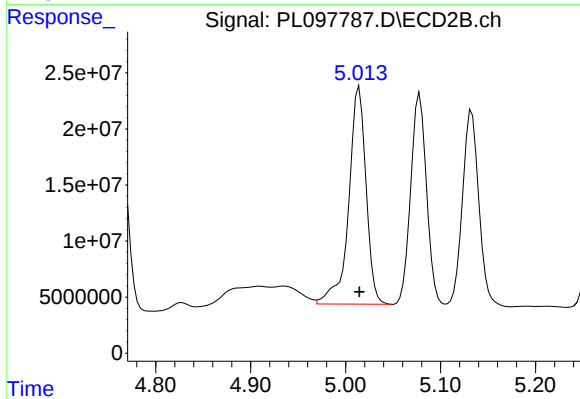
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 213348304
Conc: 24.67 ng/ml



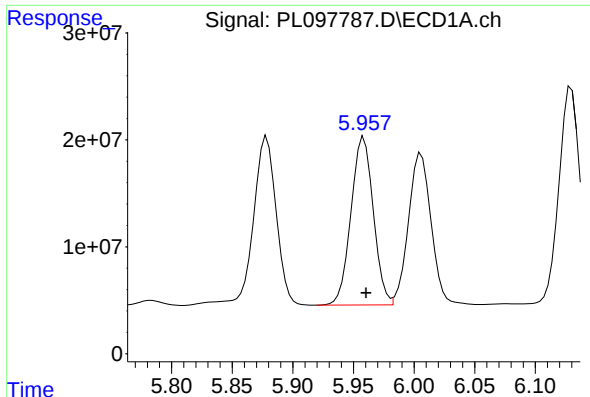
#10 gamma-Chlordane

R.T.: 5.877 min
Delta R.T.: -0.004 min
Response: 201949309
Conc: 33.79 ng/ml m



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: -0.002 min
Response: 245440405
Conc: 27.42 ng/ml m



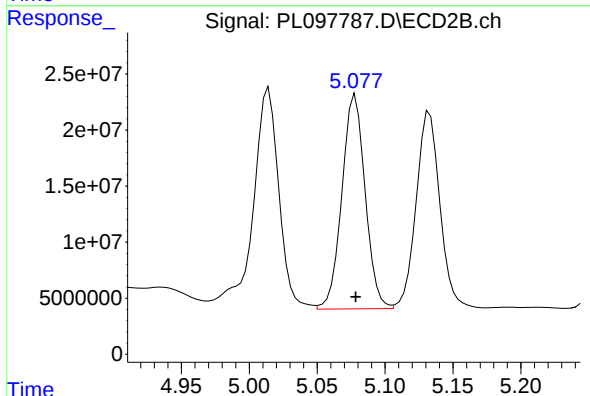
#11 alpha-Chlordane

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 201294549
Conc: 33.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

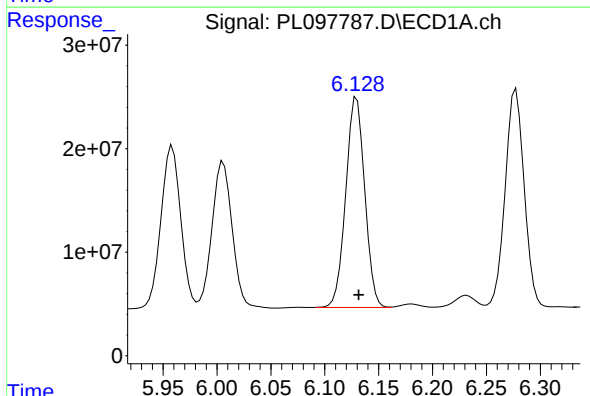
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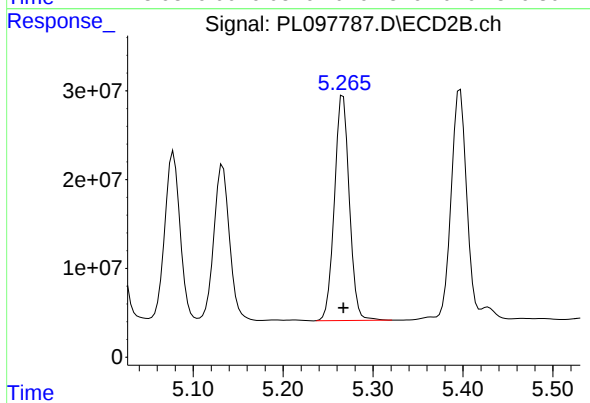
#11 alpha-Chlordane

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 228085911
Conc: 24.36 ng/ml



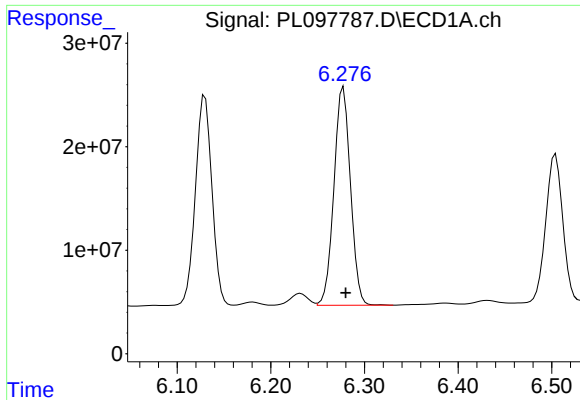
#12 4,4'-DDE

R.T.: 6.130 min
Delta R.T.: -0.002 min
Response: 248911346
Conc: 46.46 ng/ml



#12 4,4'-DDE

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 291940082
Conc: 35.87 ng/ml



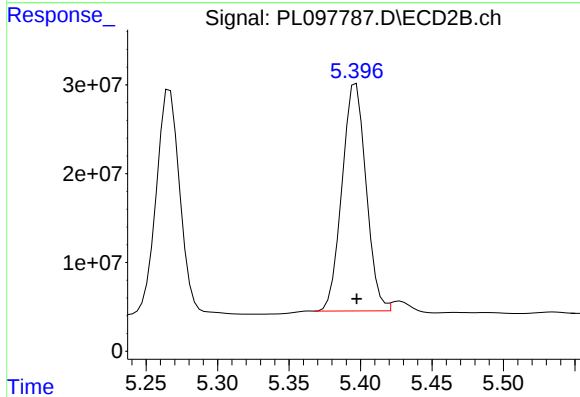
#13 Dieldrin

R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 259134351
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

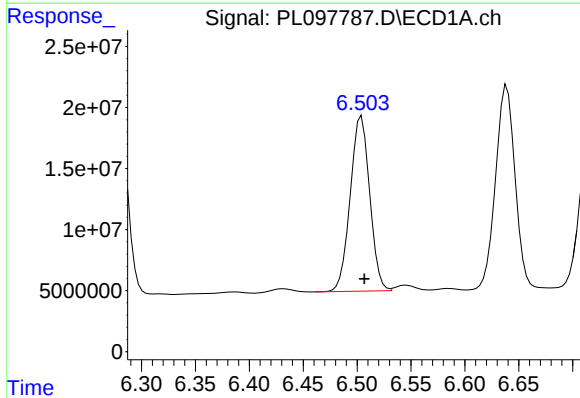
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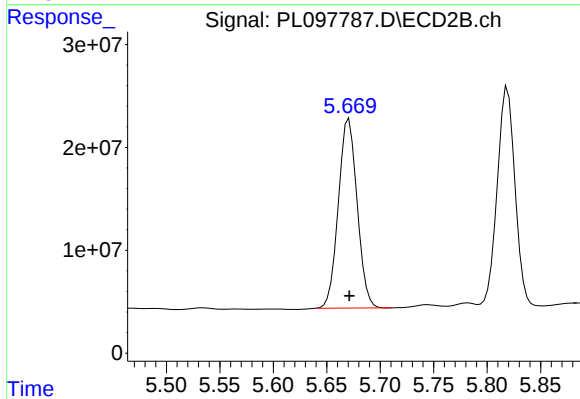
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.002 min
Response: 301596355
Conc: 34.90 ng/ml m



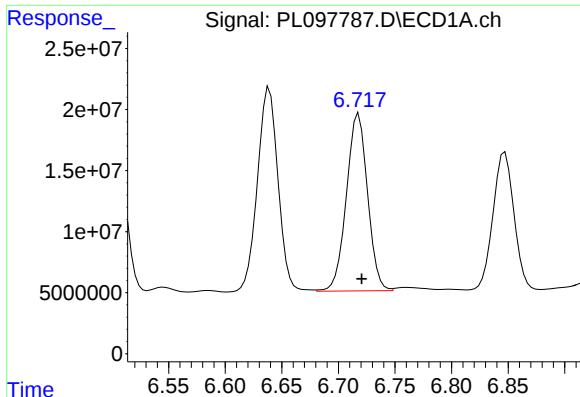
#14 Endrin

R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 180369251
Conc: 39.18 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 225115440
Conc: 29.29 ng/ml



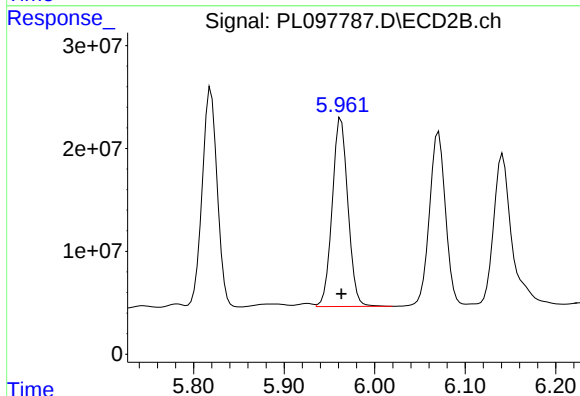
#15 Endosulfan II

R.T.: 6.718 min
Delta R.T.: -0.003 min
Response: 188833770
Conc: 37.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

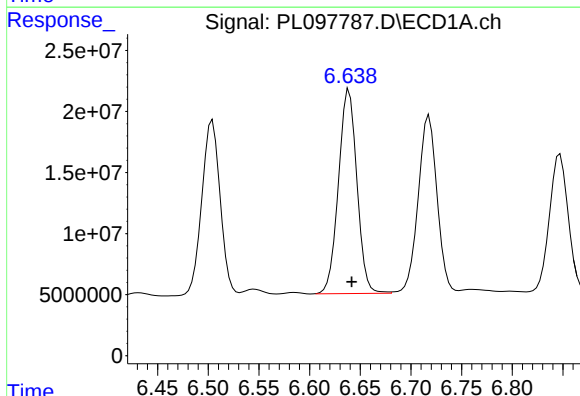
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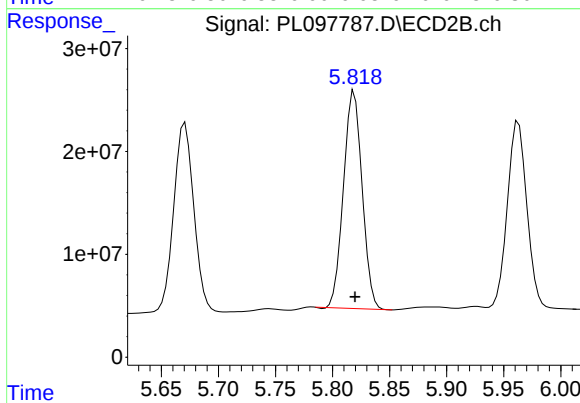
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 221084464
Conc: 30.37 ng/ml



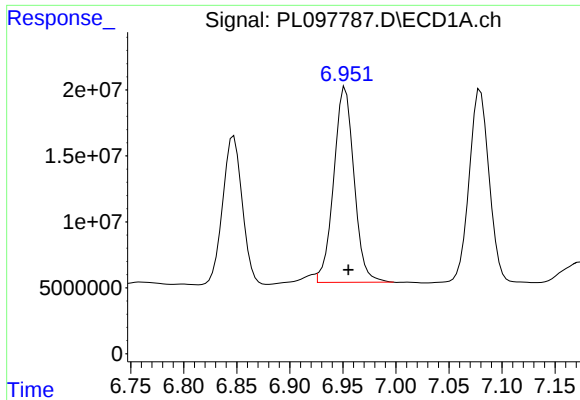
#16 4,4'-DDD

R.T.: 6.639 min
Delta R.T.: -0.002 min
Response: 211714100
Conc: 49.73 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 240359955
Conc: 35.53 ng/ml



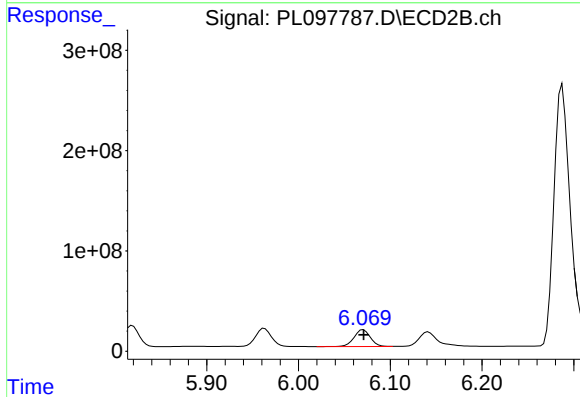
#17 4,4'-DDT

R.T.: 6.951 min
Delta R.T.: -0.004 min
Response: 196871127
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

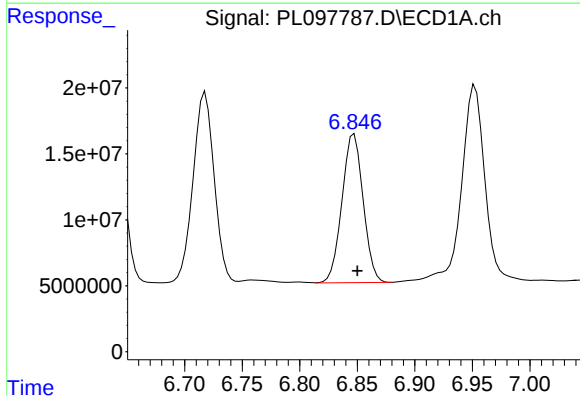
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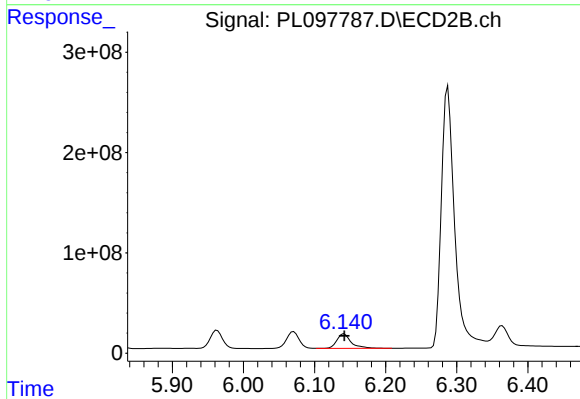
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 207918606
Conc: 42.19 ng/ml



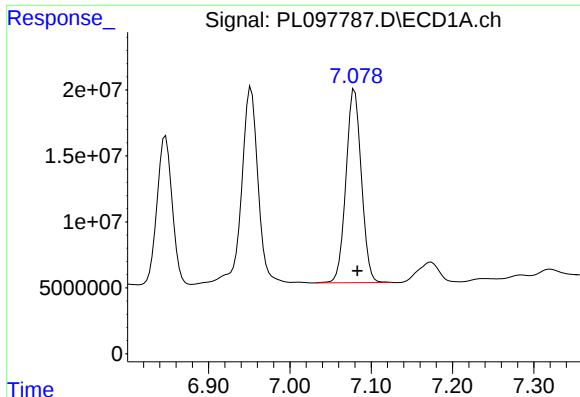
#18 Endrin aldehyde

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 144914908
Conc: 39.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 204307692
Conc: 35.55 ng/ml



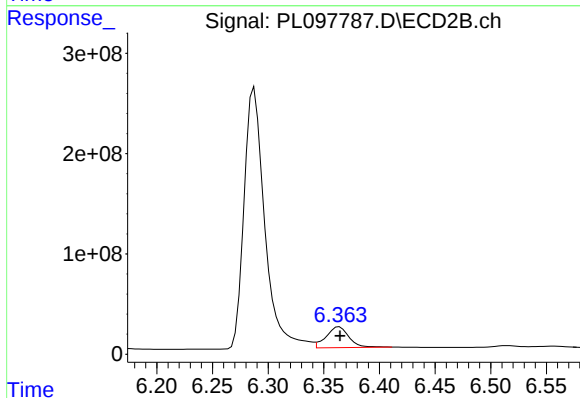
#19 Endosulfan Sulfate

R.T.: 7.080 min
Delta R.T.: -0.004 min
Response: 192613143
Conc: 43.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

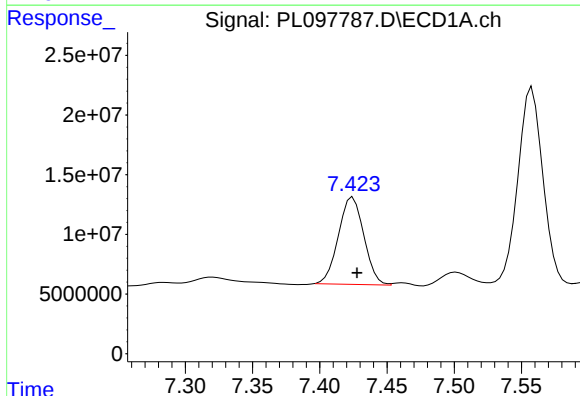
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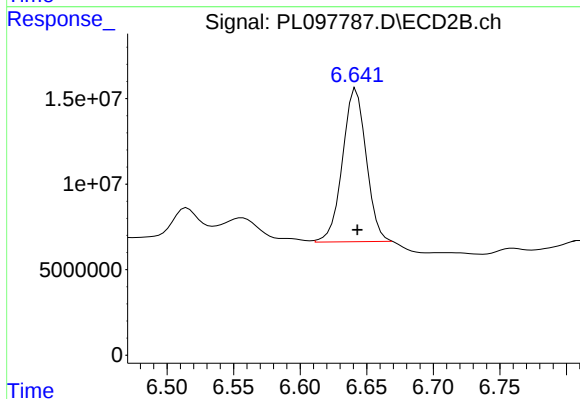
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 294763428
Conc: 42.95 ng/ml



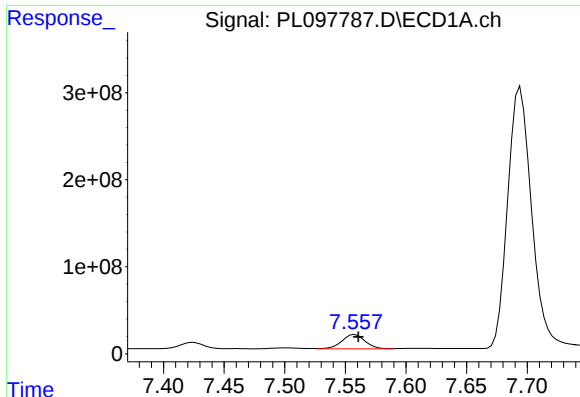
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 96232766
Conc: 50.99 ng/ml



#20 Methoxychlor

R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 111034585
Conc: 41.33 ng/ml m



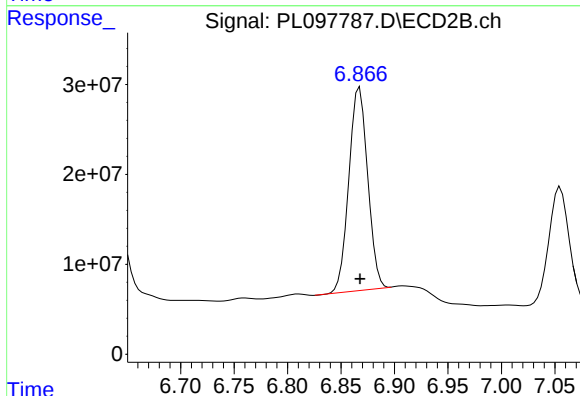
#21 Endrin ketone

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 216250333
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

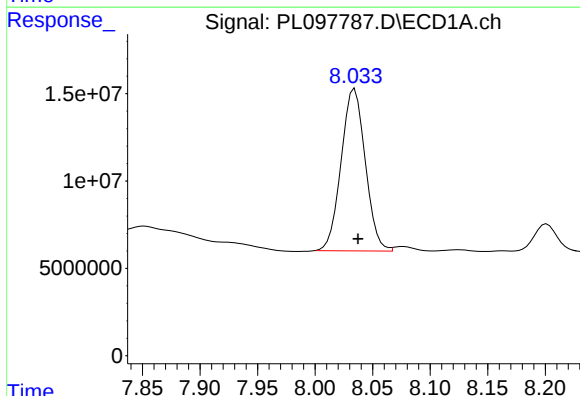
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



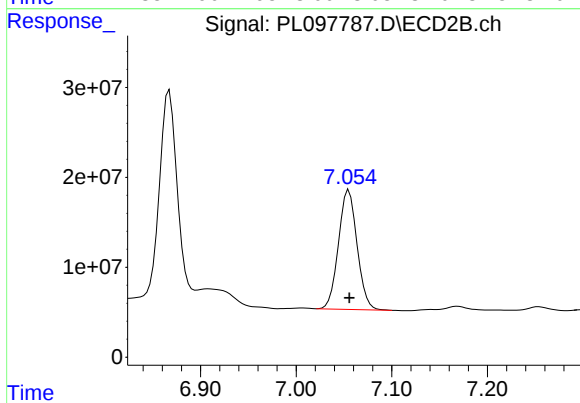
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 277218616
Conc: 38.05 ng/ml



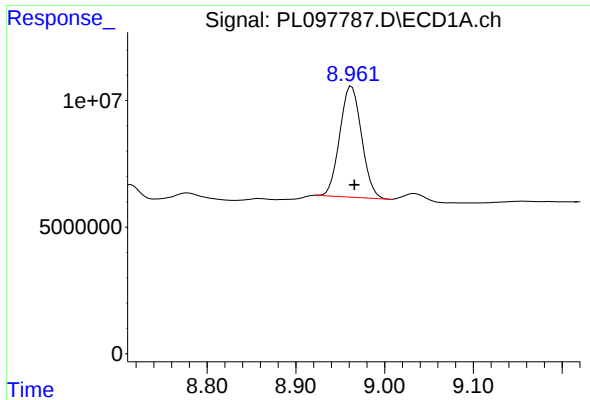
#22 Mirex

R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 135925990
Conc: 44.72 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 179677748
Conc: 34.73 ng/ml



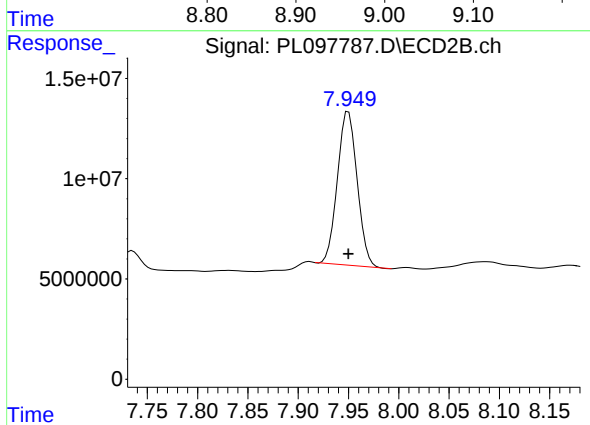
#28 Decachlorobiphenyl

R.T.: 8.963 min
Delta R.T.: -0.003 min
Response: 74789327
Conc: 23.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-334-337MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 104621447
Conc: 22.23 ng/ml