

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
 Data File : PL097506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 16:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 05:00:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.824	204.1E6	277.5E6	45.091	42.201
28)	SA Decachlor...	8.995	7.979	156.3E6	236.4E6	47.771	41.544
Target Compounds							
2)	A alpha-BHC	3.972	3.328	344.6E6	473.5E6	49.321	47.552
3)	MA gamma-BHC...	4.300	3.660	323.7E6	435.9E6	48.955	46.795
4)	MA Heptachlor	4.890	4.007	314.1E6	421.5E6	47.098	45.296
5)	MB Aldrin	5.229	4.289	306.5E6	406.6E6	48.387	46.844
6)	B beta-BHC	4.487	3.955	132.1E6	179.6E6	48.453	44.209
7)	B delta-BHC	4.731	4.188	308.9E6	423.7E6	50.895m	46.092
8)	B Heptachlo...	5.647	4.790	293.4E6	373.0E6	51.060m	47.027
9)	A Endosulfan I	6.030	5.161	268.4E6	329.0E6	51.802	42.816
10)	B gamma-Chl...	5.901	5.042	283.7E6	405.7E6	50.180m	46.453
11)	B alpha-Chl...	5.981	5.106	282.6E6	390.9E6	49.762m	47.091
12)	B 4,4'-DDE	6.153	5.294	248.3E6	351.3E6	52.108	45.718
13)	MA Dieldrin	6.302	5.425	280.2E6	399.9E6	51.118	48.904
14)	MA Endrin	6.528	5.700	240.1E6	412.2E6	52.042	54.880
15)	B Endosulfa...	6.740	5.991	239.1E6	331.8E6	48.607m	46.665
16)	A 4,4'-DDD	6.660	5.846	214.4E6	312.6E6	56.873m	48.479
17)	MA 4,4'-DDT	6.976	6.098	216.2E6	283.6E6	51.156	40.978
18)	B Endrin al...	6.869	6.169	172.8E6	245.2E6	56.066m	45.946
19)	B Endosulfa...	7.104	6.392	216.5E6	320.6E6	53.038	46.806
20)	A Methoxychlor	7.448	6.670	101.9E6	155.3E6	48.845	41.191
21)	B Endrin ke...	7.582	6.896	236.6E6	396.6E6	55.734	52.661
22)	Mirex	8.061	7.085	163.1E6	251.1E6	45.932	41.999

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 16:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

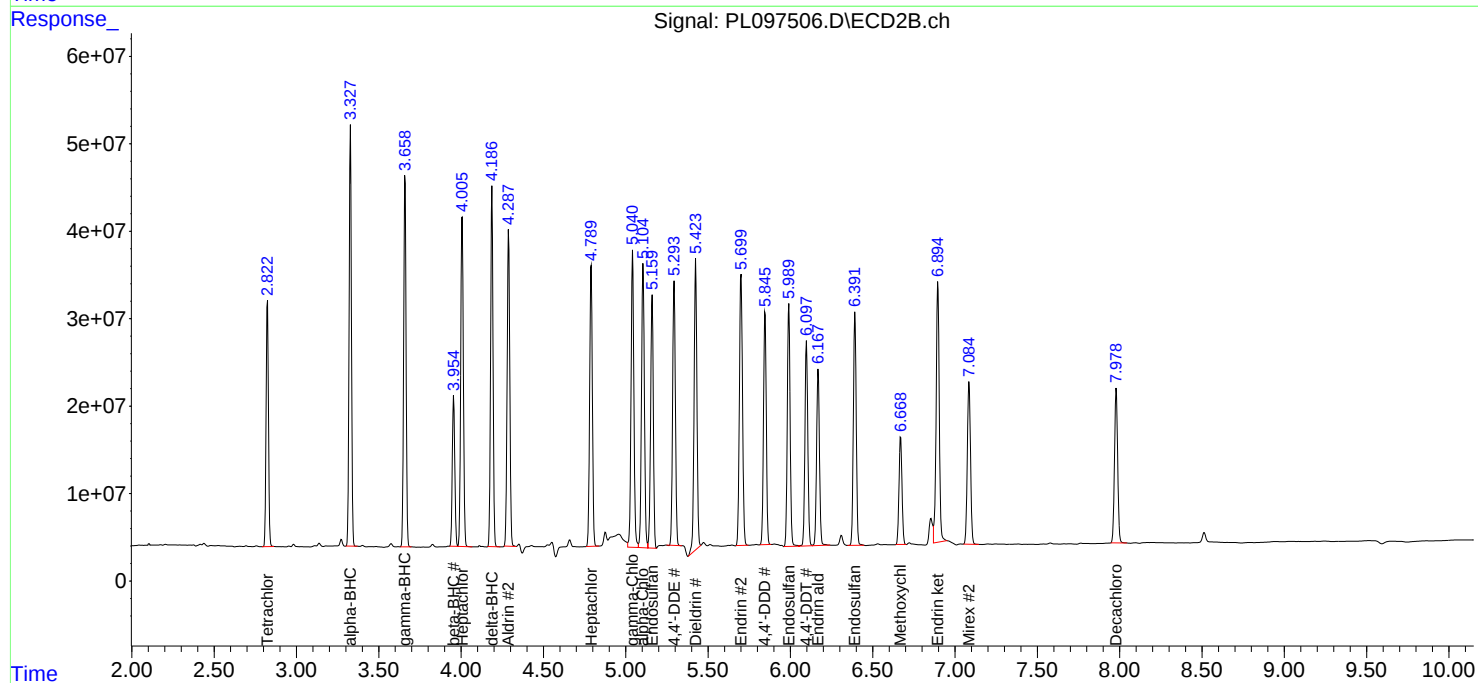
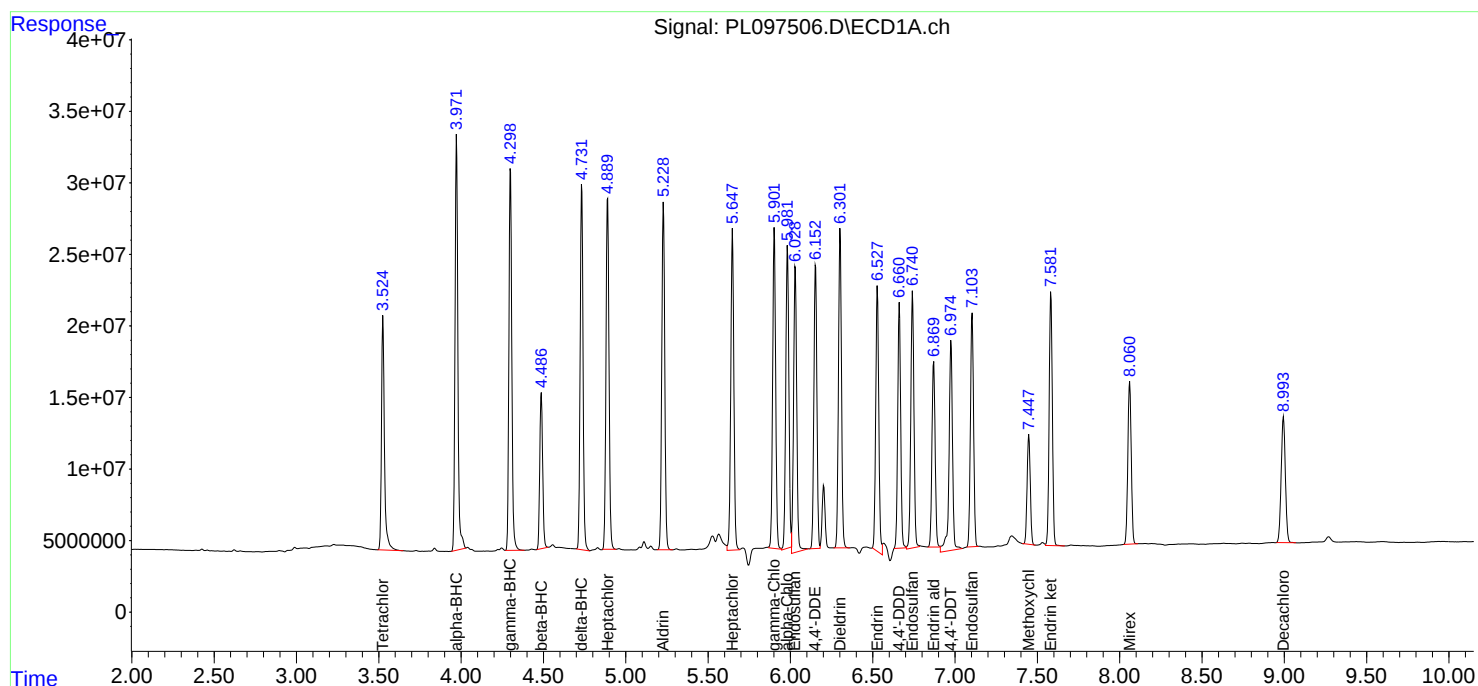
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

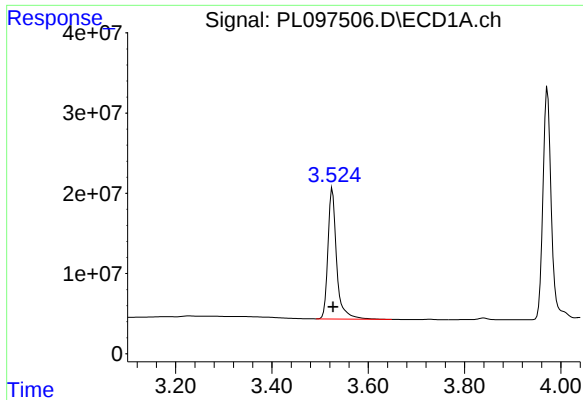
Manual Integrations
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Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 05:00:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





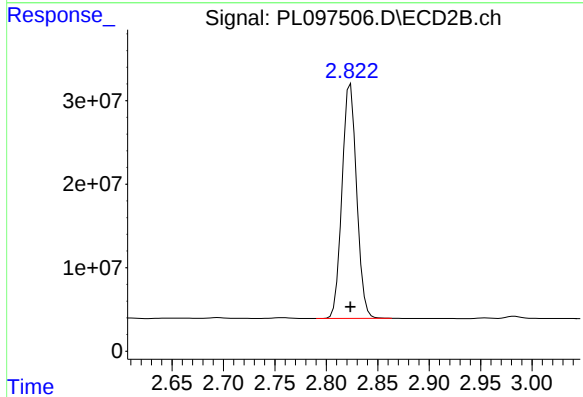
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 204134311
Conc: 45.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

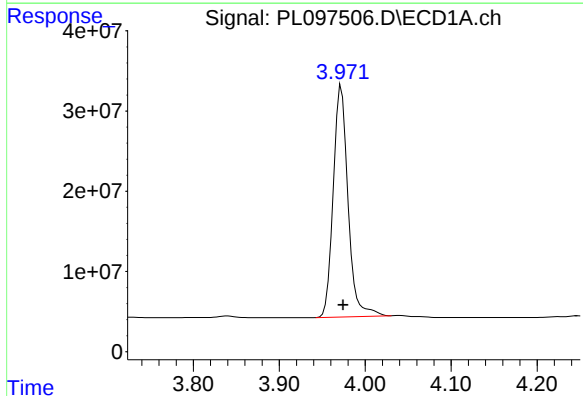
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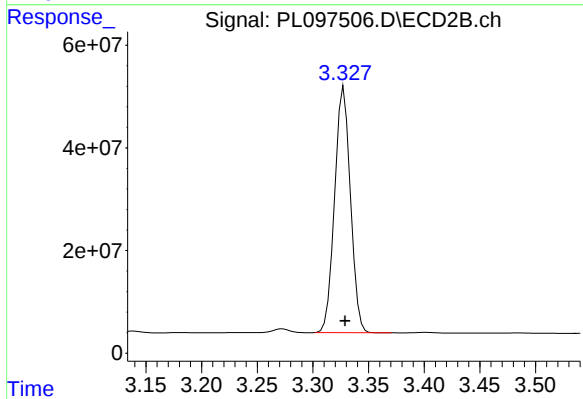
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 277496991
Conc: 42.20 ng/ml



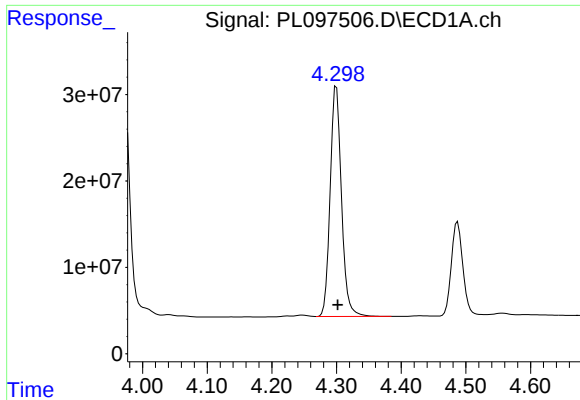
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 344626498
Conc: 49.32 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 473499034
Conc: 47.55 ng/ml



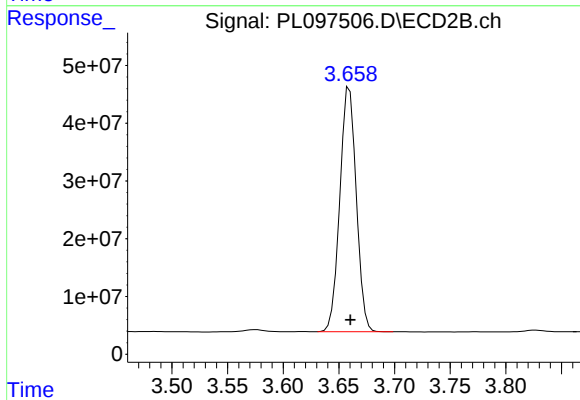
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 323749168
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

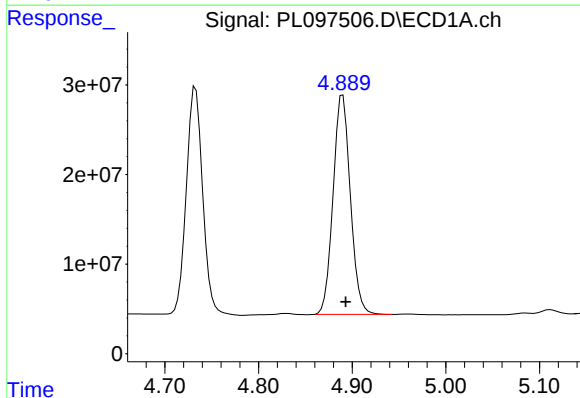
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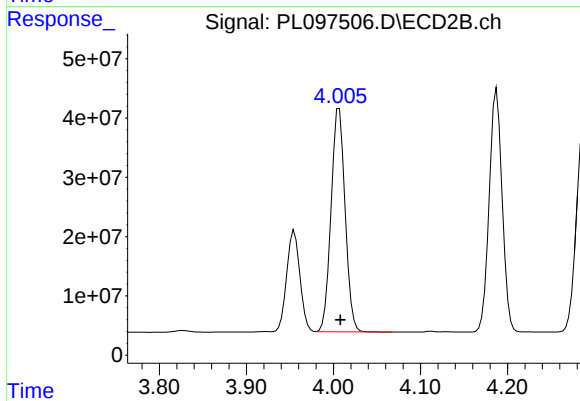
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 435877028
Conc: 46.79 ng/ml



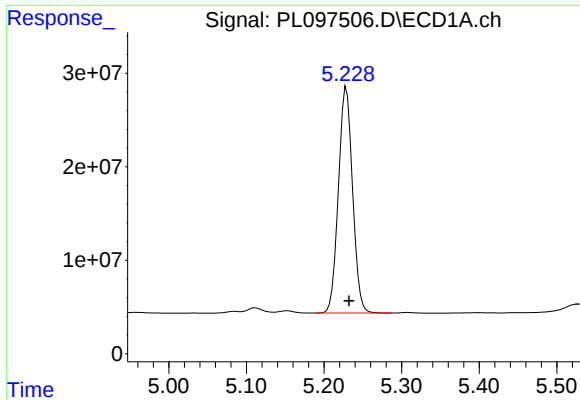
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 314145108
Conc: 47.10 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.002 min
Response: 421483067
Conc: 45.30 ng/ml



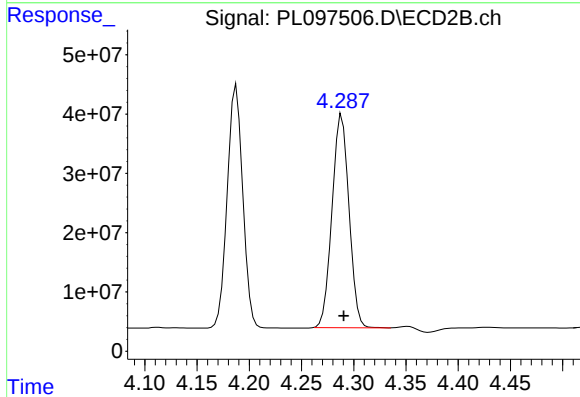
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 306476314
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

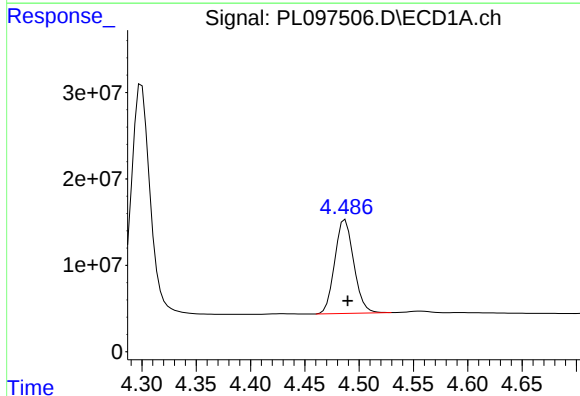
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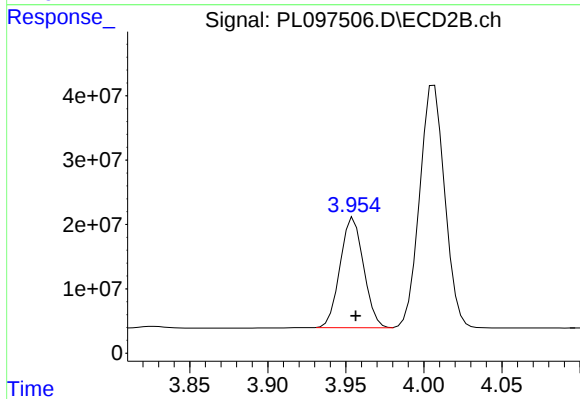
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 406574128
Conc: 46.84 ng/ml



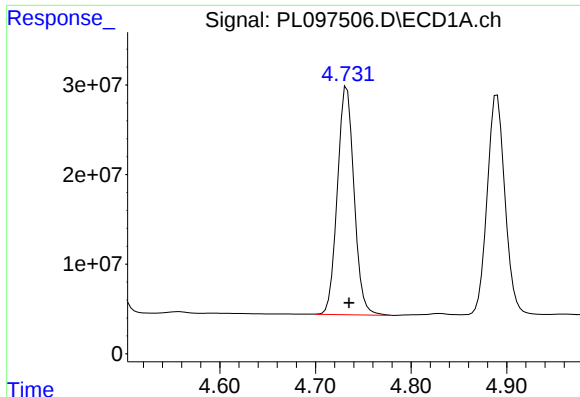
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 132092964
Conc: 48.45 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.001 min
Response: 179580199
Conc: 44.21 ng/ml



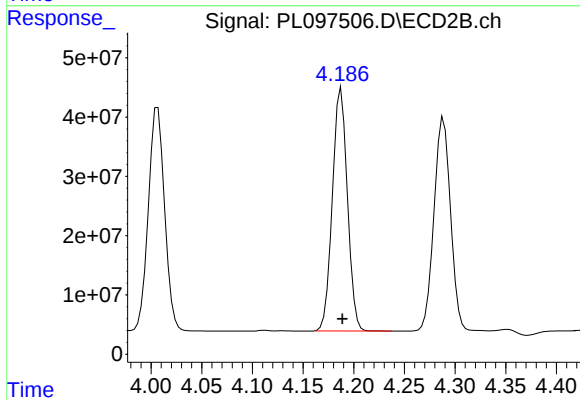
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 308850332
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

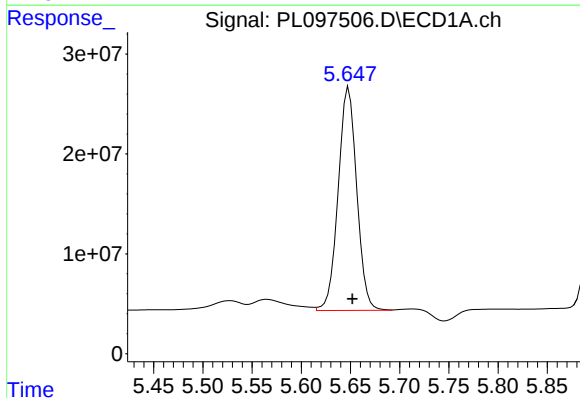
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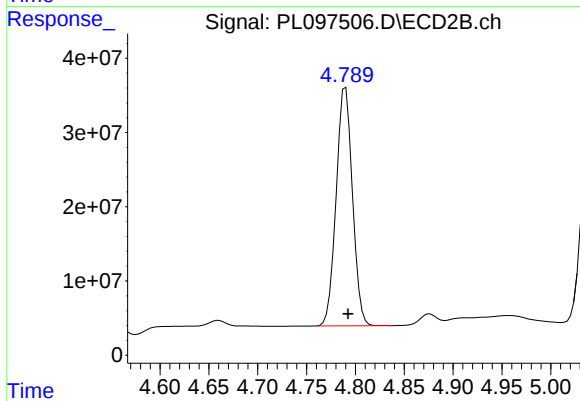
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 423688708
Conc: 46.09 ng/ml



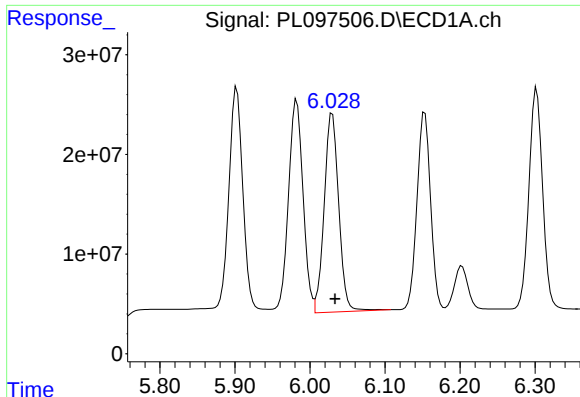
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 293436720
Conc: 51.06 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 372995658
Conc: 47.03 ng/ml



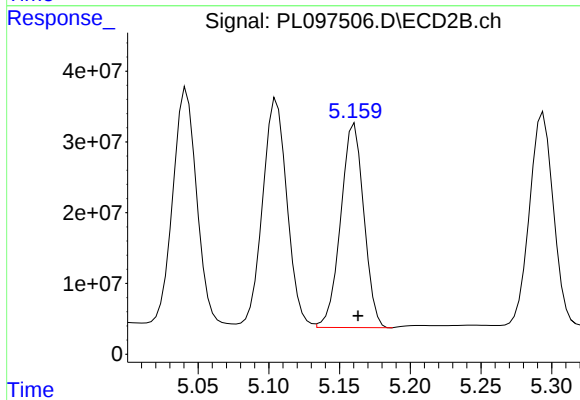
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 268405240
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

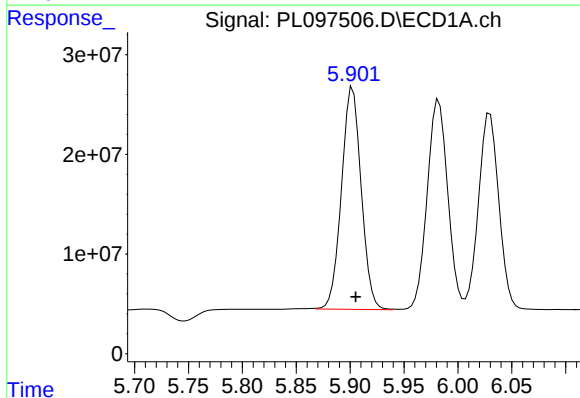
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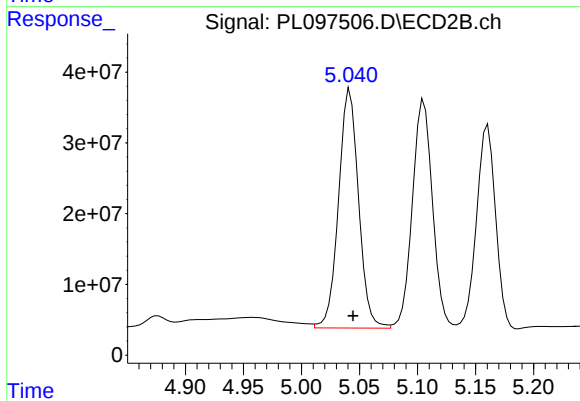
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 328984780
Conc: 42.82 ng/ml



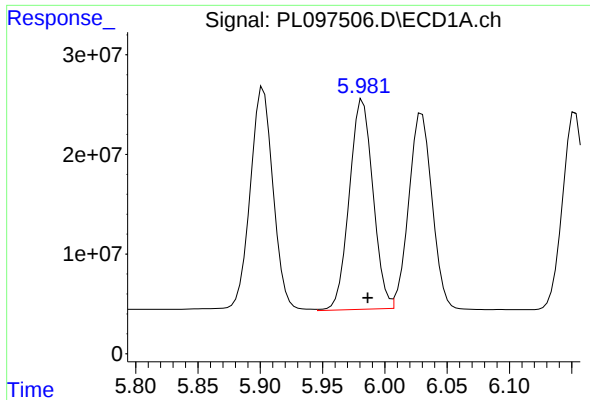
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 283691090
Conc: 50.18 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 405710179
Conc: 46.45 ng/ml



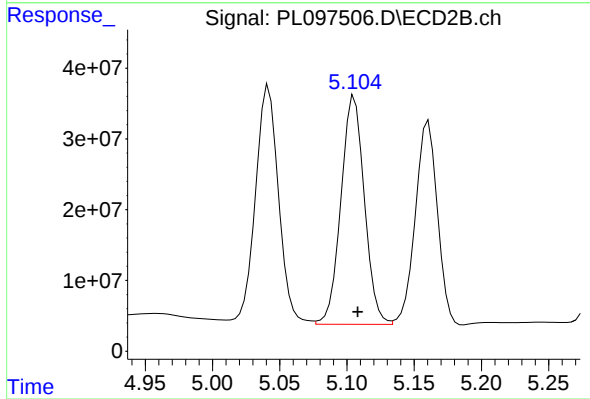
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: -0.005 min
Response: 282645088
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

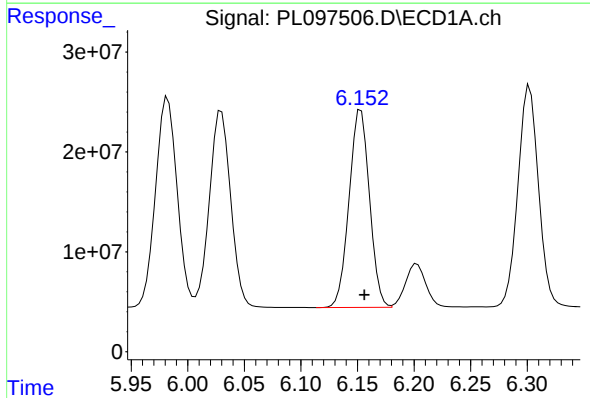
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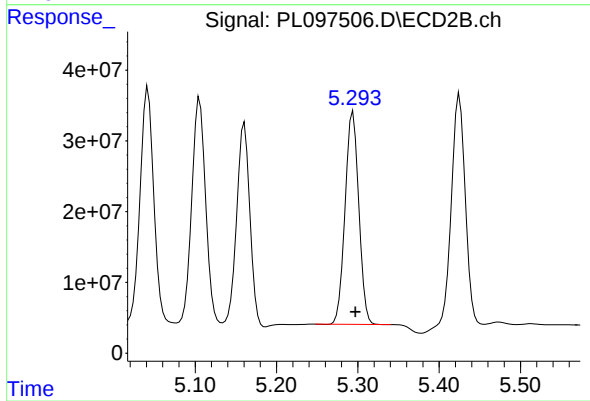
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 390882633
Conc: 47.09 ng/ml



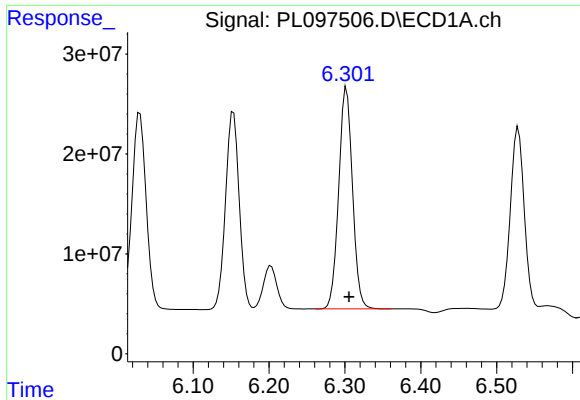
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 248280279
Conc: 52.11 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 351327756
Conc: 45.72 ng/ml



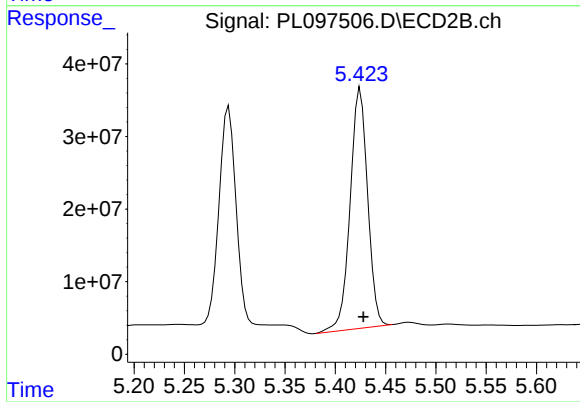
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 280233882
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

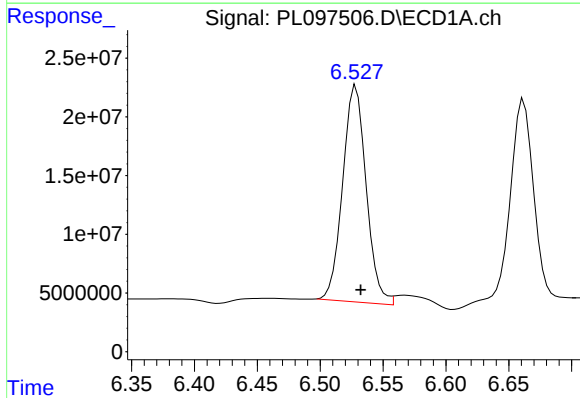
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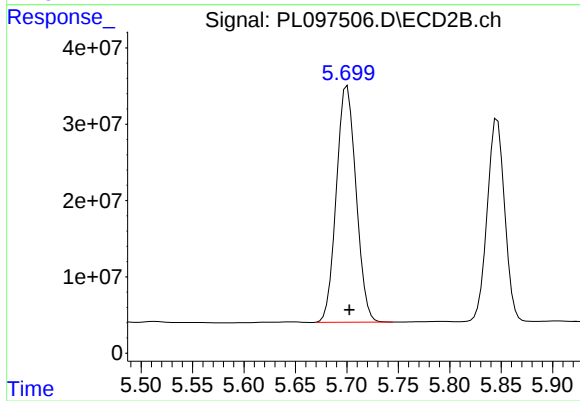
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 399881053
Conc: 48.90 ng/ml



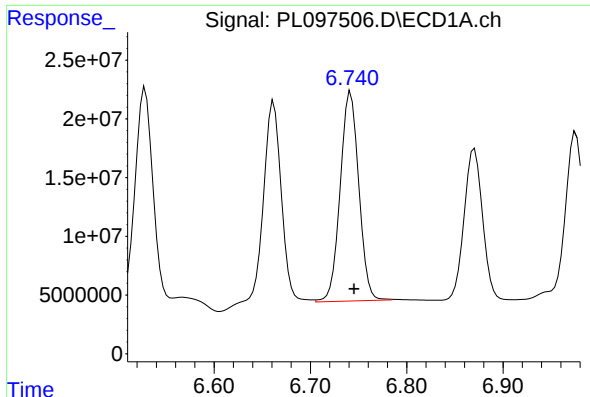
#14 Endrin

R.T.: 6.528 min
Delta R.T.: -0.004 min
Response: 240075796
Conc: 52.04 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 412174096
Conc: 54.88 ng/ml



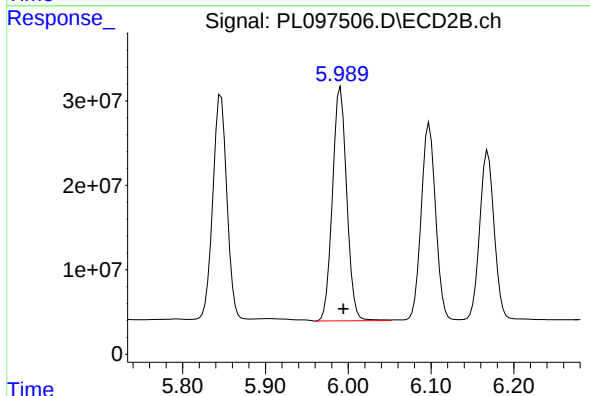
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 239063989
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

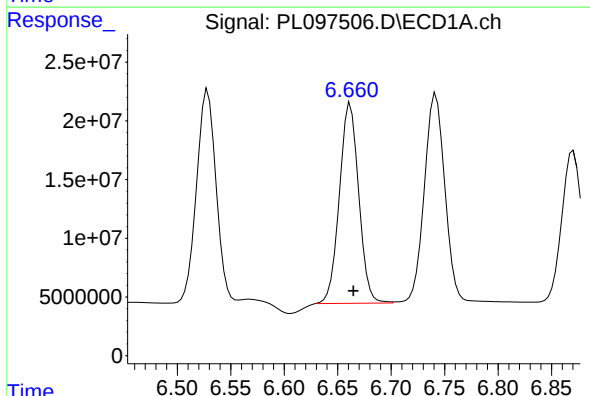
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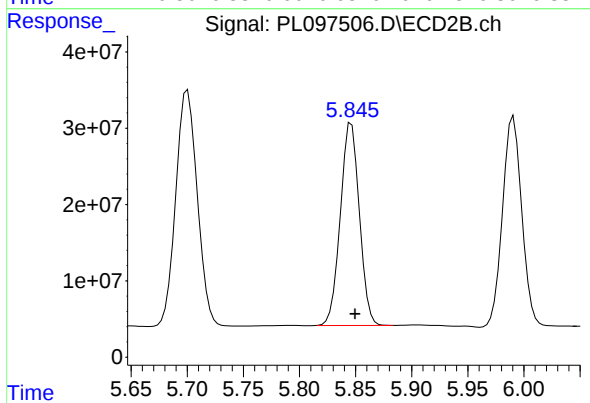
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: -0.004 min
Response: 331754741
Conc: 46.67 ng/ml



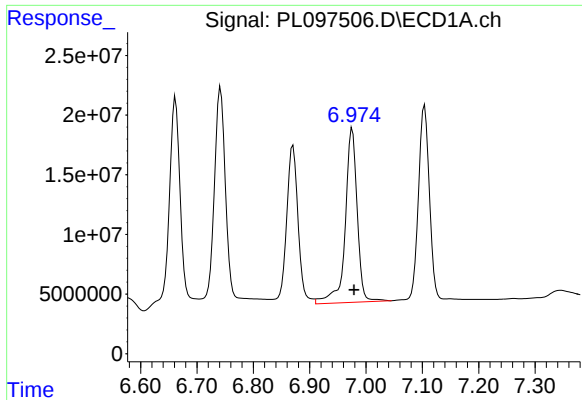
#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: -0.004 min
Response: 214441165
Conc: 56.87 ng/ml m



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 312643051
Conc: 48.48 ng/ml



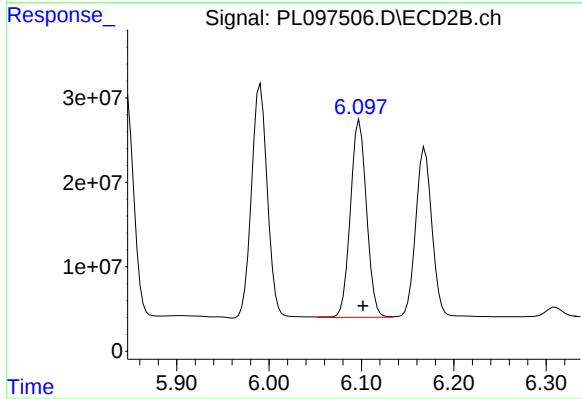
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 216245129
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

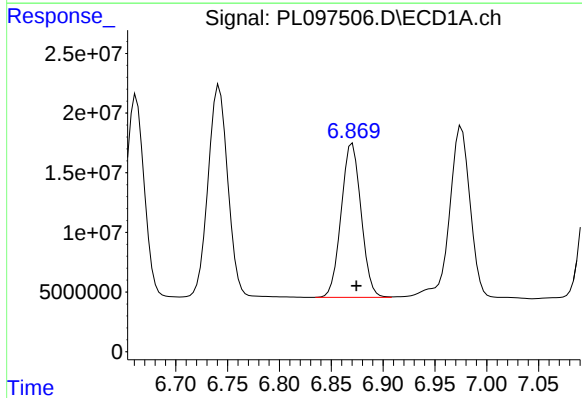
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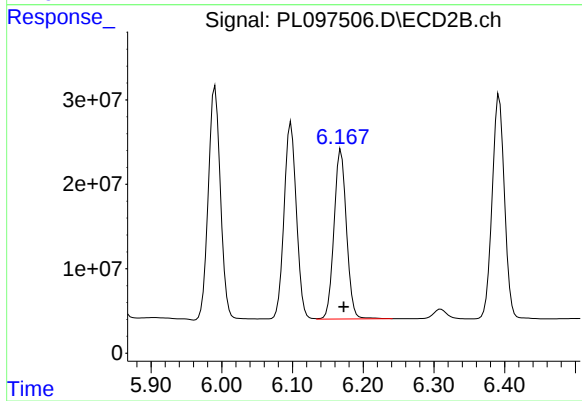
#17 4,4'-DDT

R.T.: 6.098 min
Delta R.T.: -0.004 min
Response: 283585367
Conc: 40.98 ng/ml



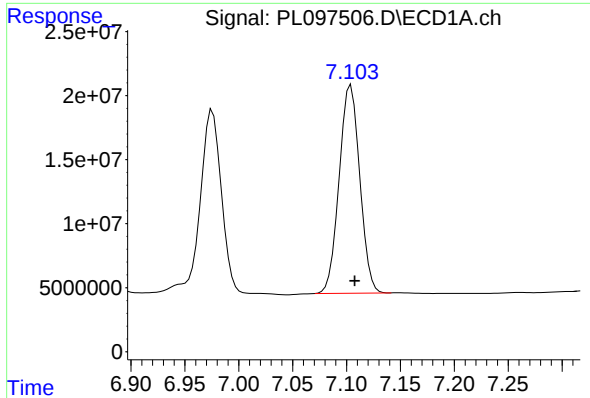
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: -0.005 min
Response: 172840174
Conc: 56.07 ng/ml m



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: -0.004 min
Response: 245229960
Conc: 45.95 ng/ml



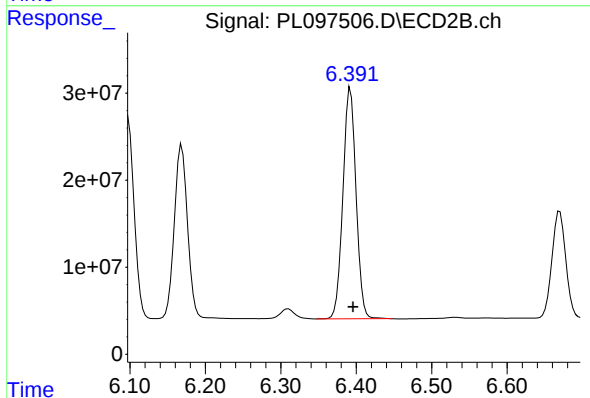
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: -0.004 min
Response: 216537496
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

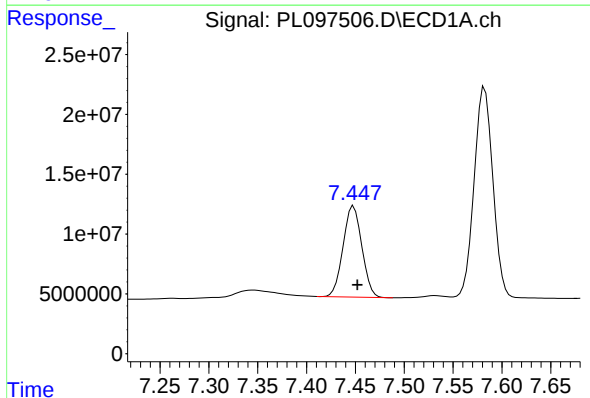
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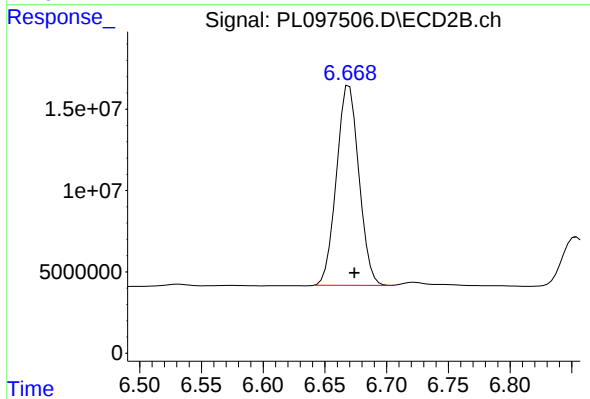
#19 Endosulfan Sulfate

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 320608742
Conc: 46.81 ng/ml



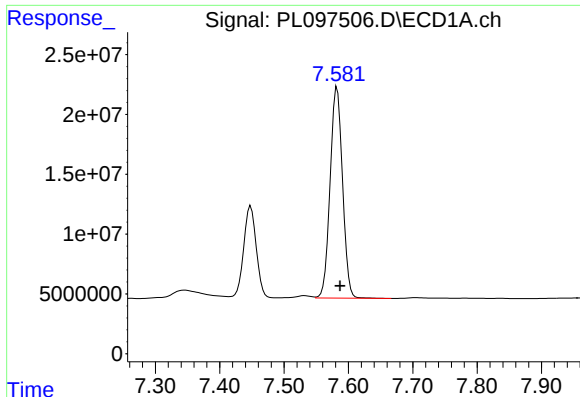
#20 Methoxychlor

R.T.: 7.448 min
Delta R.T.: -0.004 min
Response: 101861090
Conc: 48.85 ng/ml



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 155270406
Conc: 41.19 ng/ml



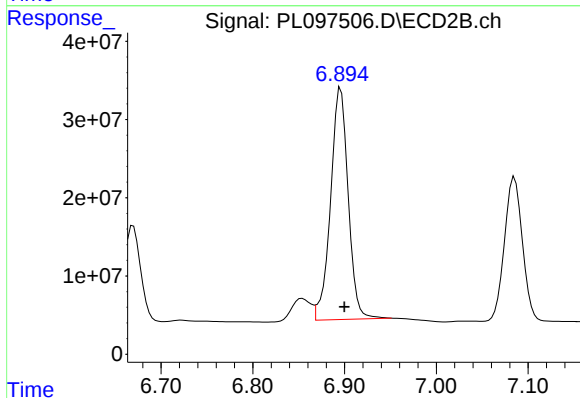
#21 Endrin ketone

R.T.: 7.582 min
Delta R.T.: -0.005 min
Response: 236553504
Conc: 55.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

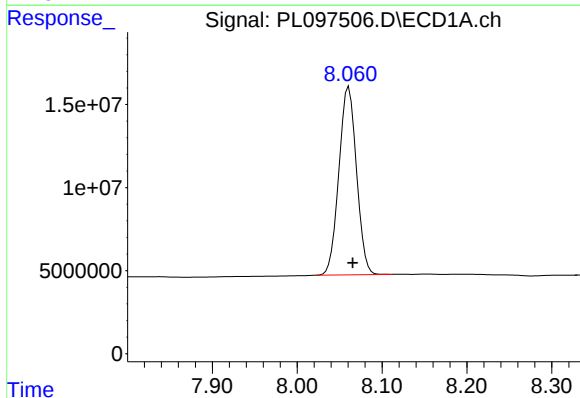
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



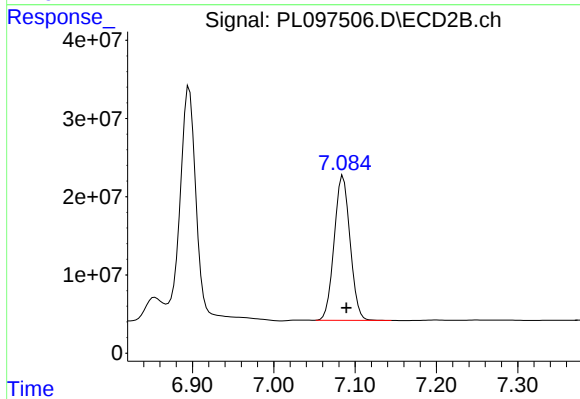
#21 Endrin ketone

R.T.: 6.896 min
Delta R.T.: -0.004 min
Response: 396550853
Conc: 52.66 ng/ml



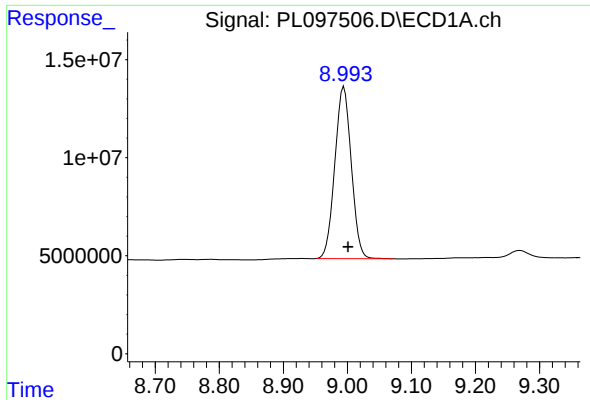
#22 Mirex

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 163073555
Conc: 45.93 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 251101596
Conc: 42.00 ng/ml



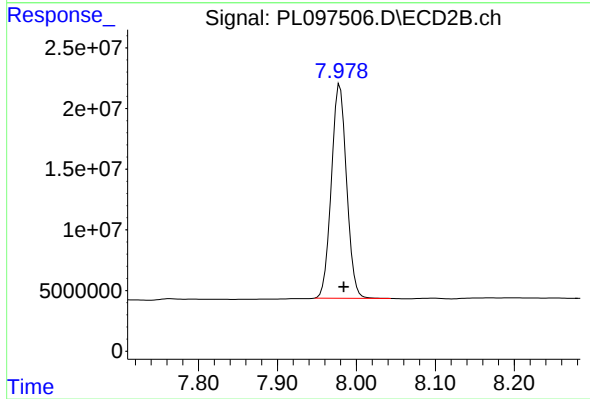
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: -0.006 min
Response: 156317555
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.005 min
Response: 236448590
Conc: 41.54 ng/ml