

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120225\
 Data File : PL097764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 17:04
 Operator : AR\AJ
 Sample : PB170784BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170784BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/03/2025
 Supervised By : mohammad ahmed 12/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 01:04:00 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...	3.505	2.799	113.0E6	145.0E6	22.055	20.275
28)	SA Decachlor...	8.978	7.955	68721040	107.9E6	21.411	22.933
Target Compounds							
2)	A alpha-BHC	3.952	3.302	71962513	115.6E6	8.482	10.092
3)	MA gamma-BHC...	4.280	3.632	71642926	107.0E6	9.191m	10.429m
4)	MA Heptachlor	4.871	3.979	77869244	112.8E6	10.438m	11.926
5)	MB Aldrin	5.210	4.261	73426424	100.6E6	10.700m	10.607
6)	B beta-BHC	4.471	3.929	33518346	50867500	10.265m	11.498m
7)	B delta-BHC	4.714	4.160	17763086	27853614	2.545m	2.719
8)	B Heptachlo...	5.630	4.761	69509580	93664361	11.053m	11.161m
9)	A Endosulfan I	6.013	5.134	49152859	80445957	9.111	9.301
10)	B gamma-Chl...	5.885	5.014	70243880	94539268	11.754	10.563
11)	B alpha-Chl...	5.965	5.078	59508493	98232089	9.948	10.491
12)	B 4,4'-DDE	6.137	5.267	61265086	85369223	11.436	10.489
13)	MA Dieldrin	6.285	5.397	60564149	102.4E6	10.828	11.846
14)	MA Endrin	6.513	5.672	55713958	84285810	12.102	10.966
15)	B Endosulfa...	6.725	5.963	51903809	82520814	10.231m	11.336m
16)	A 4,4'-DDD	6.646	5.819	41782123	55787443	9.814m	8.247
17)	MA 4,4'-DDT	6.960	6.071	41006805	56380577	11.238m	11.440m
18)	B Endrin al...	6.854	6.142	38546422	61422582	10.611m	7.880m#
19)	B Endosulfa...	7.089	6.367	38857816	62551224	8.832	9.114
20)	A Methoxychlor	7.434	6.645	20853746	32126092	11.049	11.960
21)	B Endrin ke...	7.568	6.871	46786051	80173910	10.721	11.005
22)	Mirex	8.044	7.059	35408364	62664154	11.649m	12.111

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120225\
Data File : PL097764.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 17:04
Operator : AR\AJ
Sample : PB170784BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

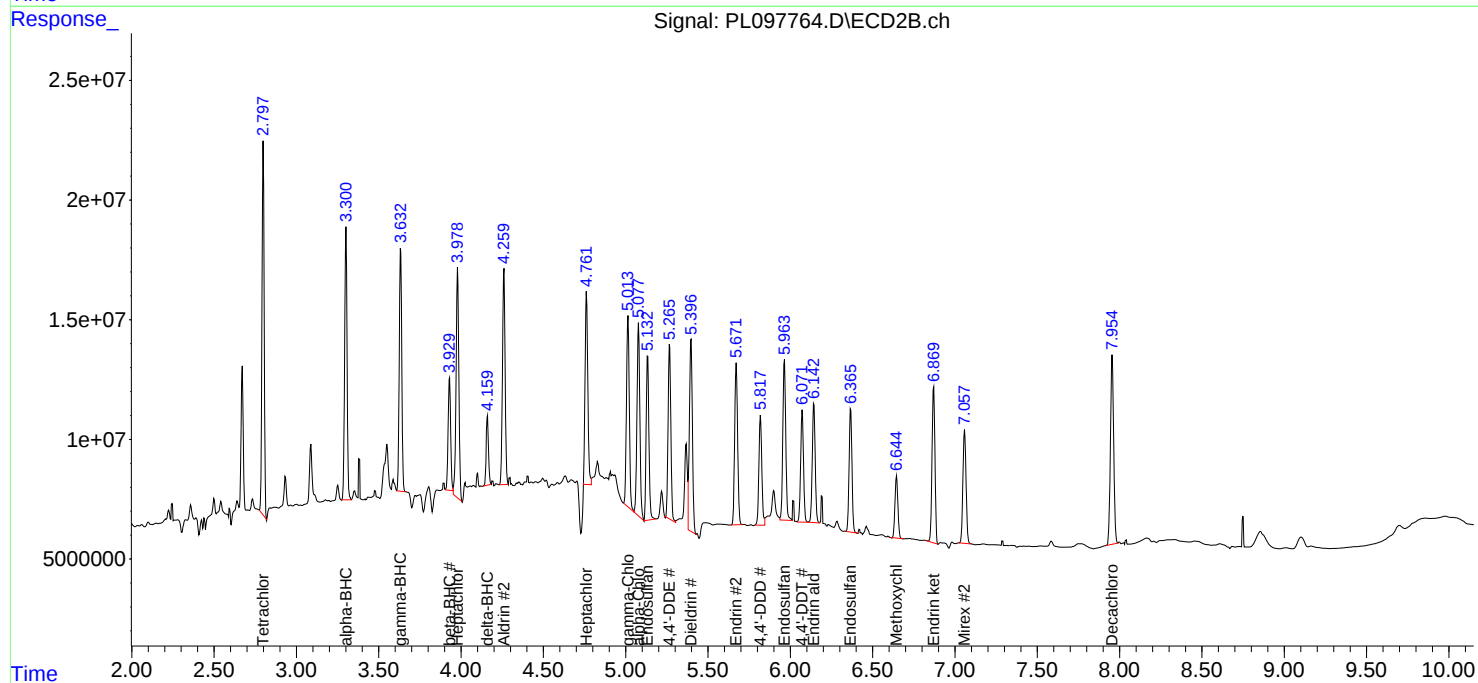
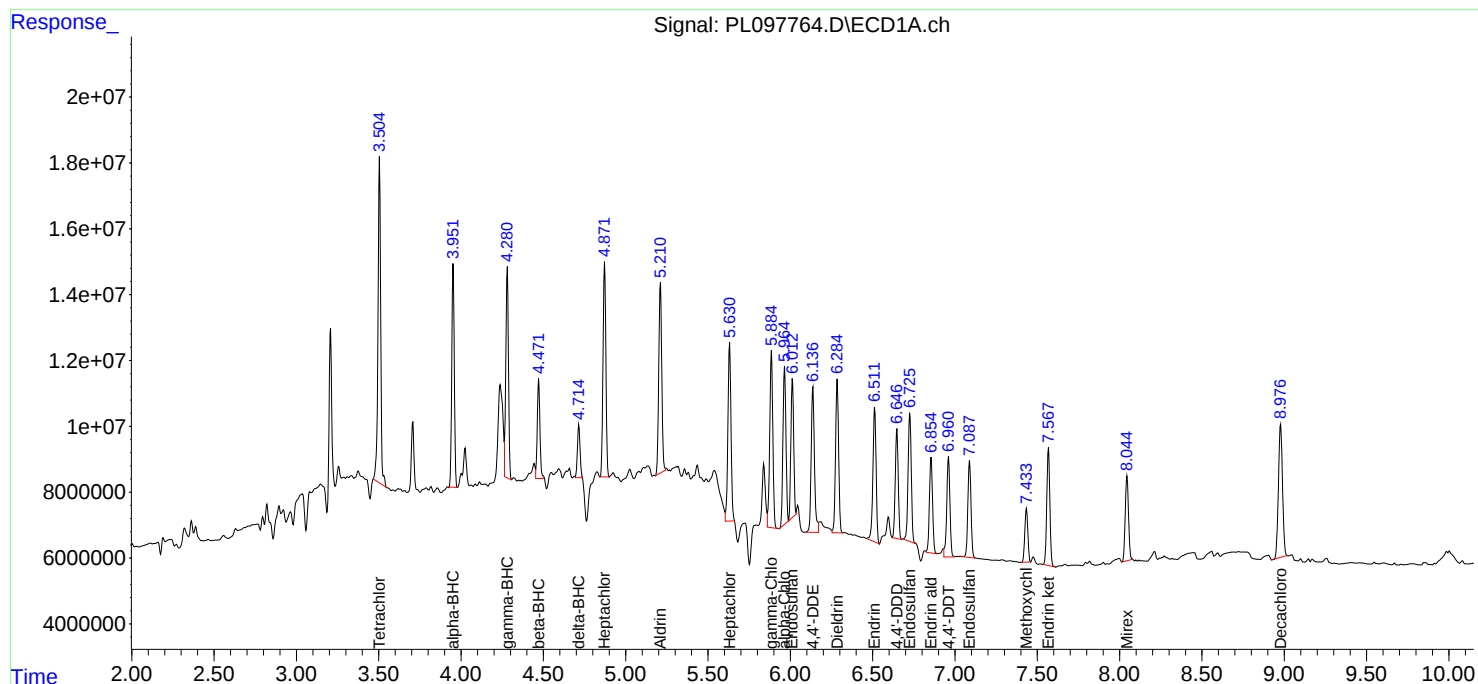
Instrument :
ECD_L
ClientSampleId :
PB170784BS

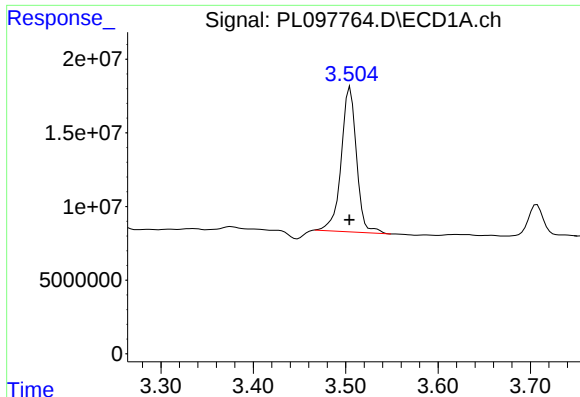
Manual Integrations
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Supervised By :mohammad ahmed 12/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 01:04:00 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





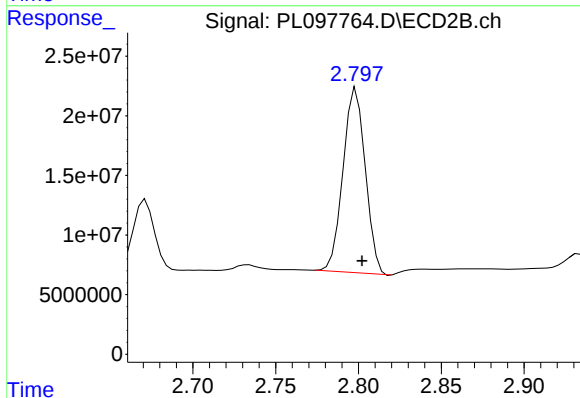
#1 Tetrachloro-m-xylene

R.T.: 3.505 min
Delta R.T.: 0.000 min
Response: 113005779
Conc: 22.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

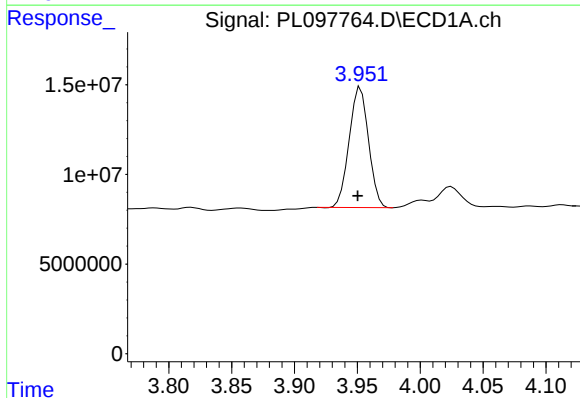
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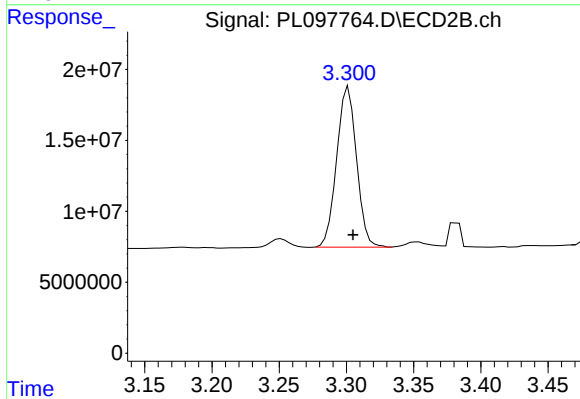
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: -0.003 min
Response: 145026058
Conc: 20.28 ng/ml



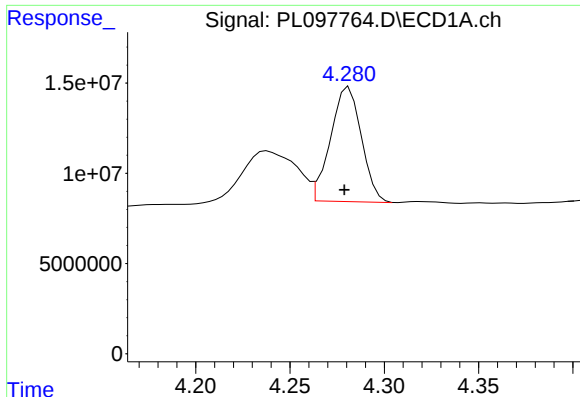
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.002 min
Response: 71962513
Conc: 8.48 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: -0.003 min
Response: 115605362
Conc: 10.09 ng/ml



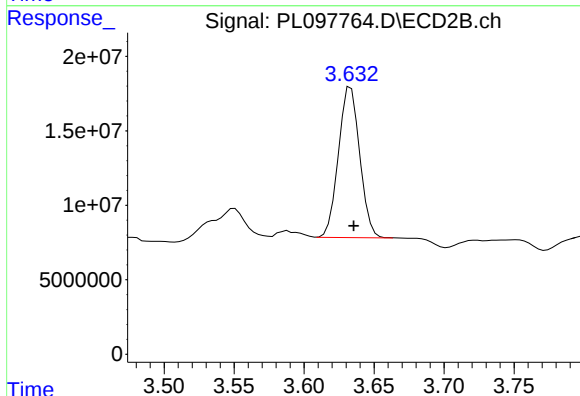
#3 gamma-BHC (Lindane)

R.T.: 4.280 min
Delta R.T.: 0.001 min
Response: 71642926
Conc: 9.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

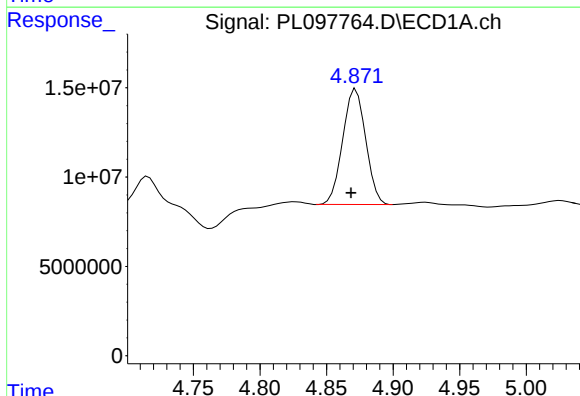
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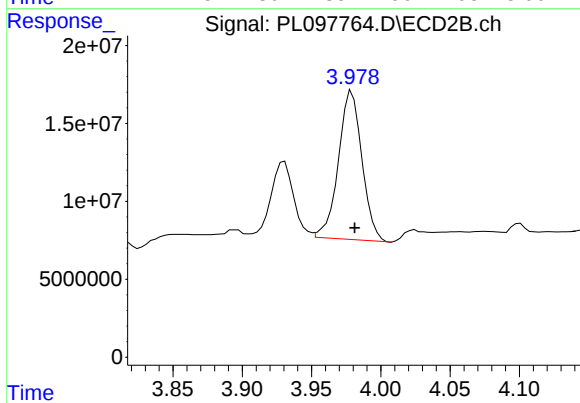
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: -0.004 min
Response: 107042318
Conc: 10.43 ng/ml m



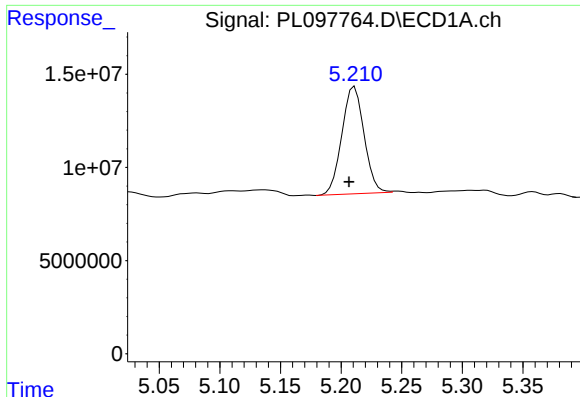
#4 Heptachlor

R.T.: 4.871 min
Delta R.T.: 0.002 min
Response: 77869244
Conc: 10.44 ng/ml m



#4 Heptachlor

R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 112848037
Conc: 11.93 ng/ml



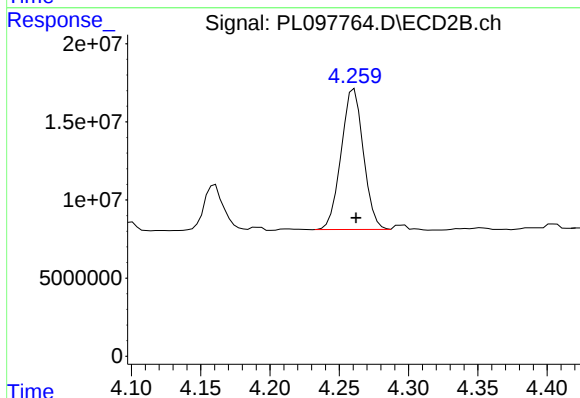
#5 Aldrin

R.T.: 5.210 min
Delta R.T.: 0.003 min
Response: 73426424
Conc: 10.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

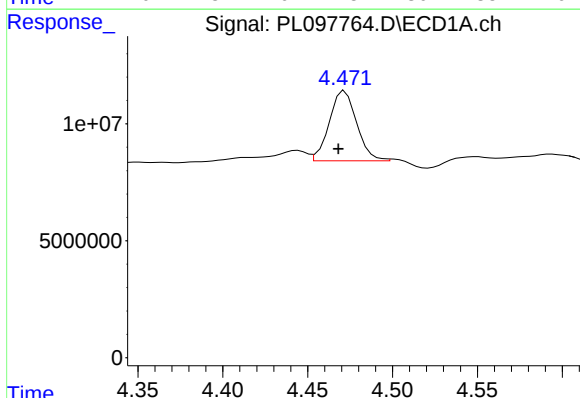
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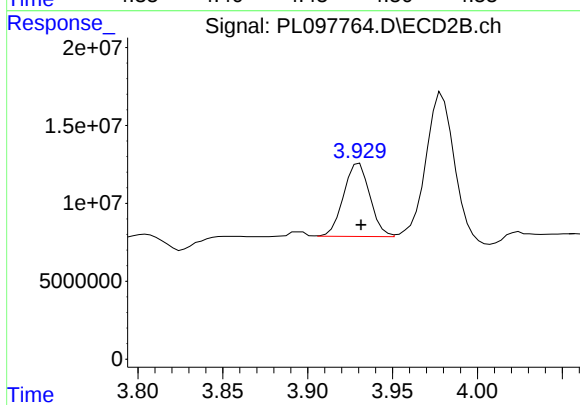
#5 Aldrin

R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 100627778
Conc: 10.61 ng/ml



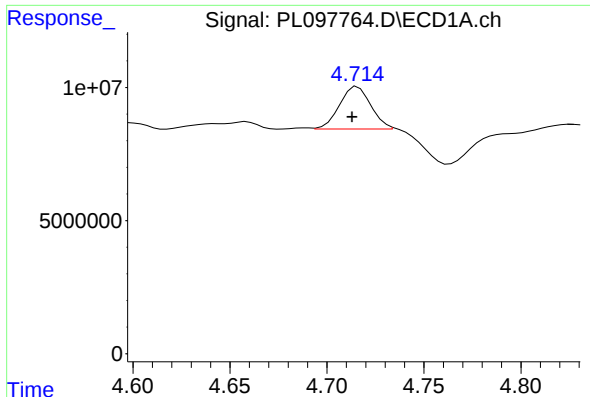
#6 beta-BHC

R.T.: 4.471 min
Delta R.T.: 0.002 min
Response: 33518346
Conc: 10.27 ng/ml m



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: -0.002 min
Response: 50867500
Conc: 11.50 ng/ml m



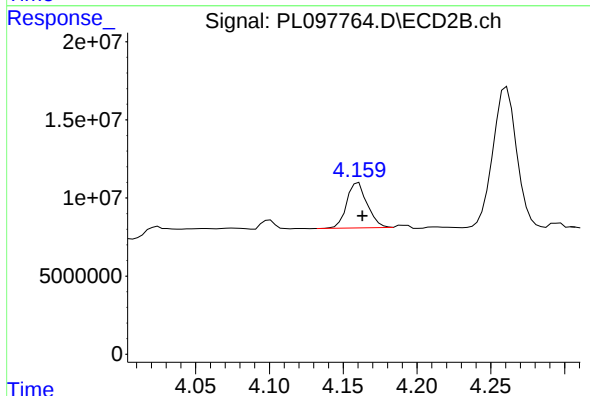
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.001 min
Response: 17763086
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

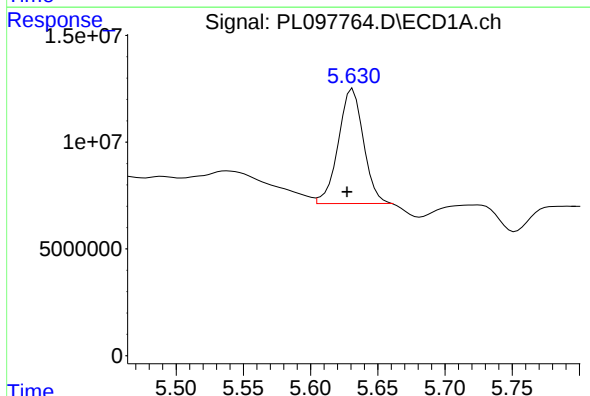
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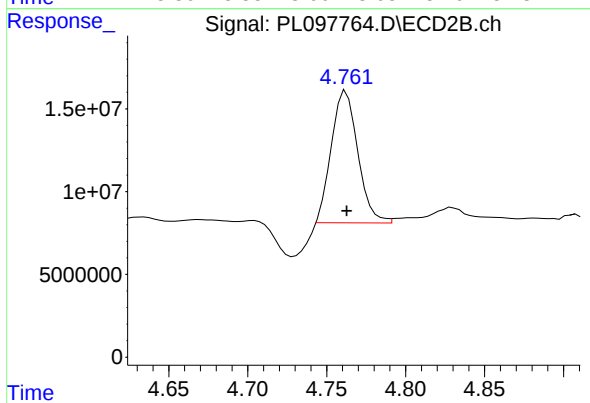
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: -0.003 min
Response: 27853614
Conc: 2.72 ng/ml



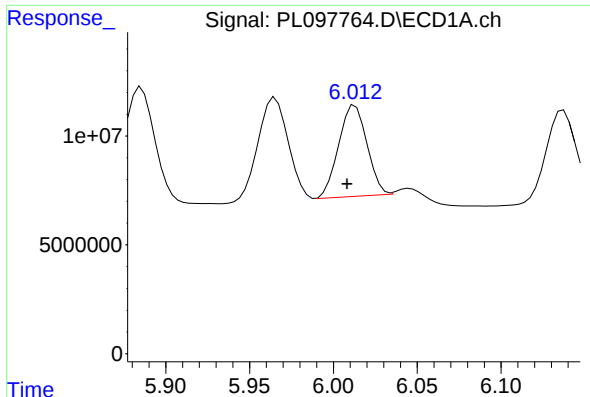
#8 Heptachlor epoxide

R.T.: 5.630 min
Delta R.T.: 0.003 min
Response: 69509580
Conc: 11.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 93664361
Conc: 11.16 ng/ml m



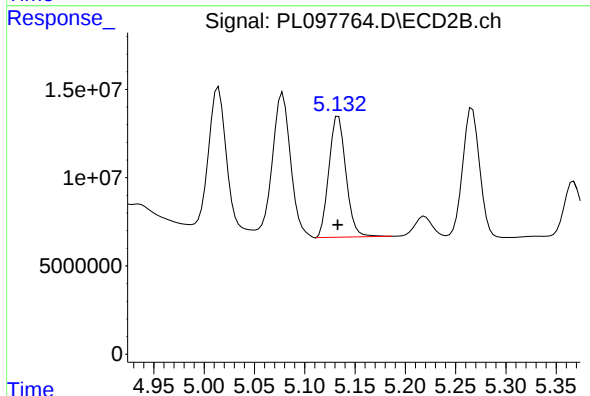
#9 Endosulfan I

R.T.: 6.013 min
Delta R.T.: 0.005 min
Response: 49152859
Conc: 9.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

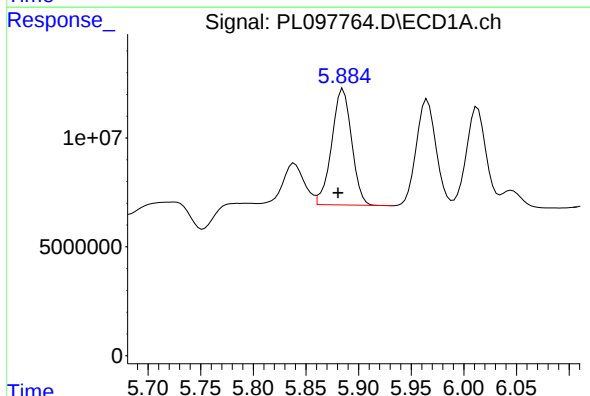
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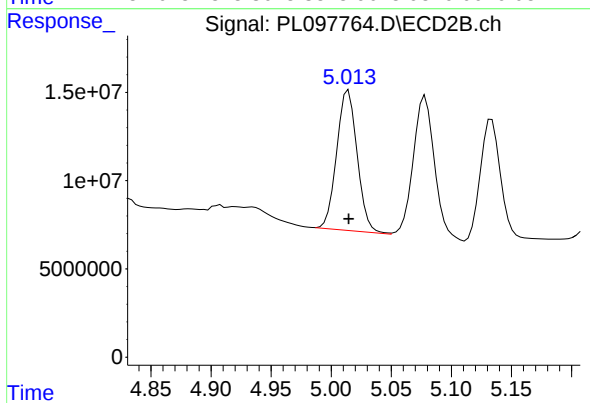
#9 Endosulfan I

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 80445957
Conc: 9.30 ng/ml



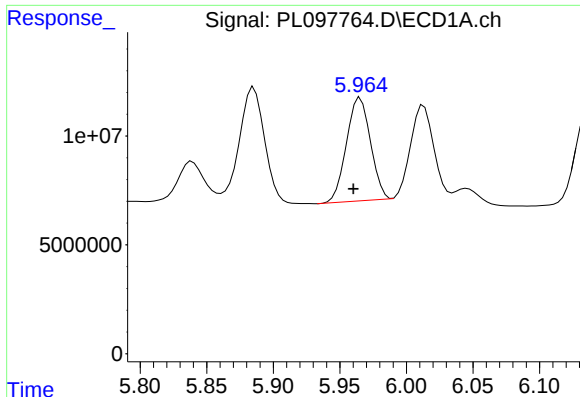
#10 gamma-Chlordane

R.T.: 5.885 min
Delta R.T.: 0.005 min
Response: 70243880
Conc: 11.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 94539268
Conc: 10.56 ng/ml



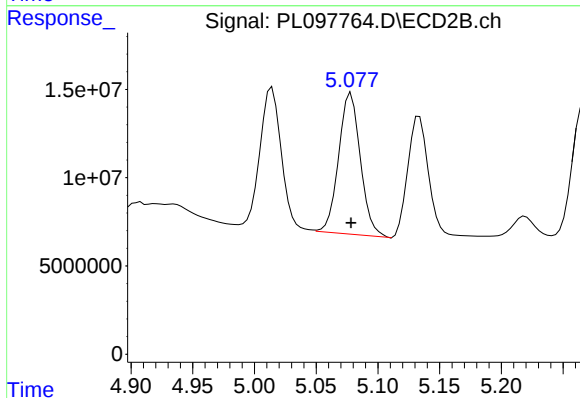
#11 alpha-Chlordane

R.T.: 5.965 min
Delta R.T.: 0.005 min
Response: 59508493
Conc: 9.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

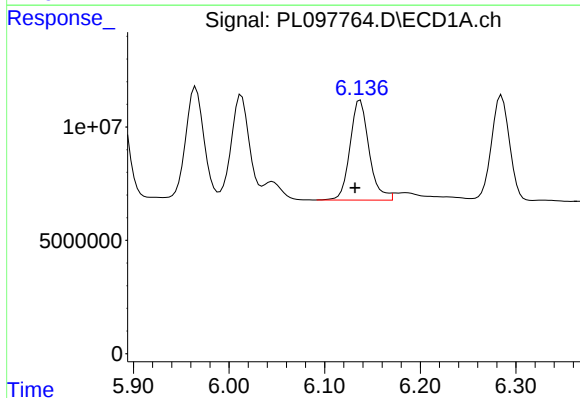
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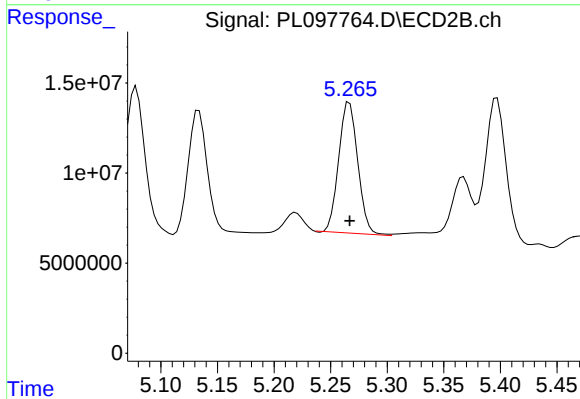
#11 alpha-Chlordane

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 98232089
Conc: 10.49 ng/ml



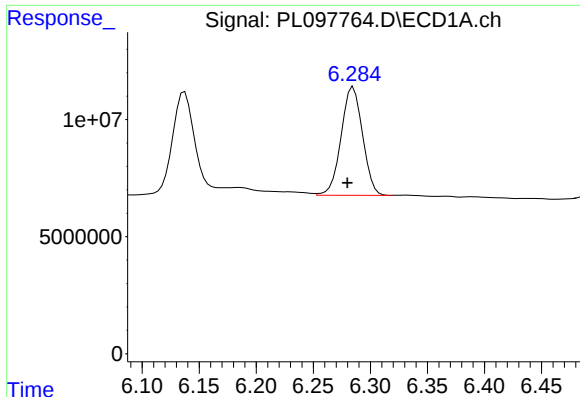
#12 4,4'-DDE

R.T.: 6.137 min
Delta R.T.: 0.006 min
Response: 61265086
Conc: 11.44 ng/ml



#12 4,4'-DDE

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 85369223
Conc: 10.49 ng/ml



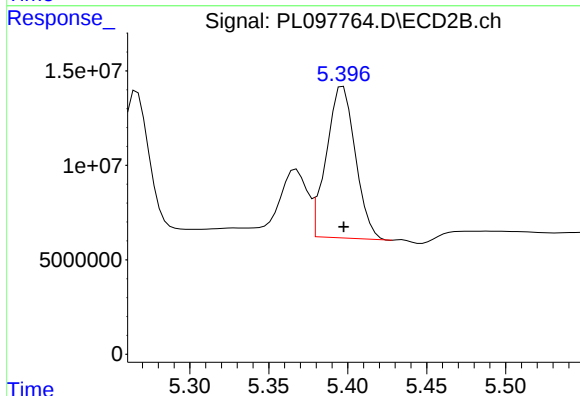
#13 Dieldrin

R.T.: 6.285 min
Delta R.T.: 0.005 min
Response: 60564149
Conc: 10.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

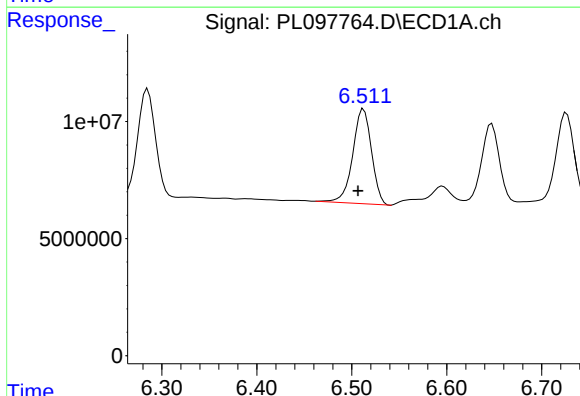
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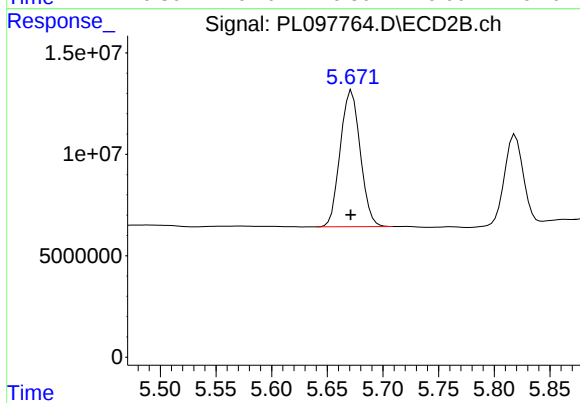
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 102359361
Conc: 11.85 ng/ml



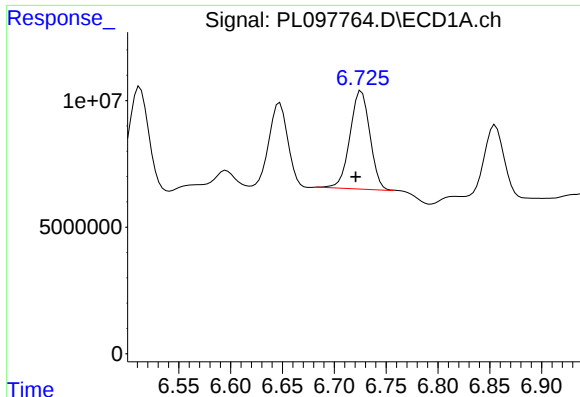
#14 Endrin

R.T.: 6.513 min
Delta R.T.: 0.006 min
Response: 55713958
Conc: 12.10 ng/ml



#14 Endrin

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 84285810
Conc: 10.97 ng/ml



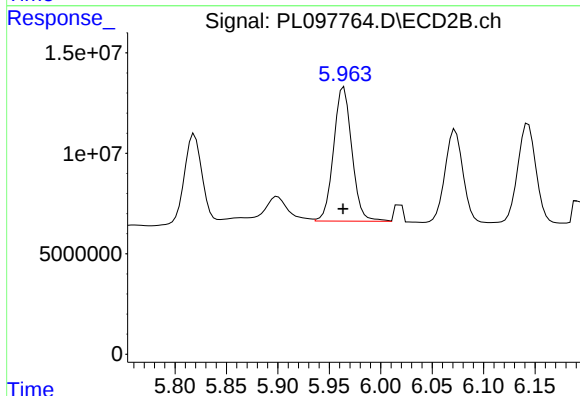
#15 Endosulfan II

R.T.: 6.725 min
Delta R.T.: 0.004 min
Response: 51903809
Conc: 10.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

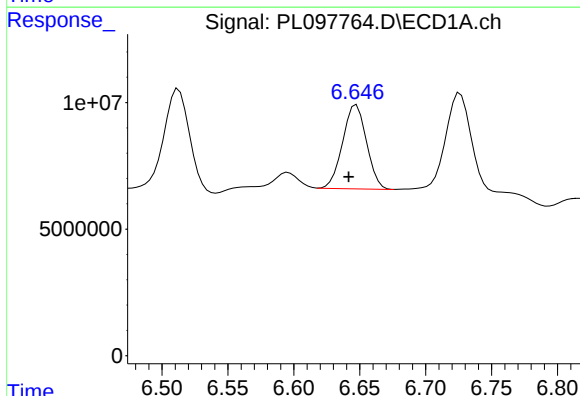
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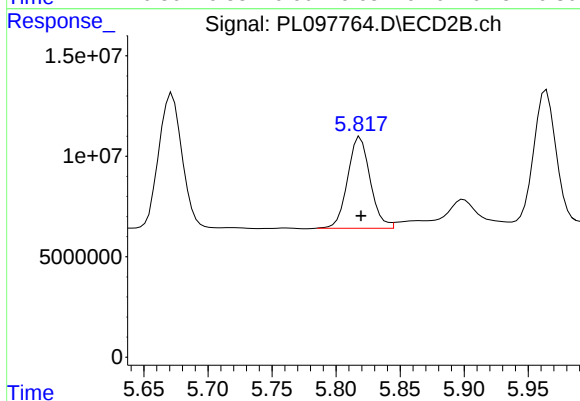
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 82520814
Conc: 11.34 ng/ml m



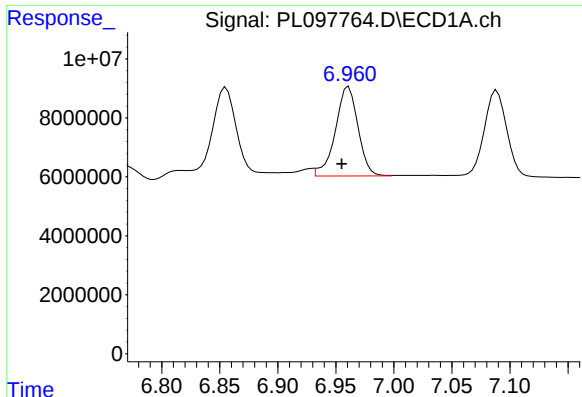
#16 4,4'-DDD

R.T.: 6.646 min
Delta R.T.: 0.005 min
Response: 41782123
Conc: 9.81 ng/ml m



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 55787443
Conc: 8.25 ng/ml



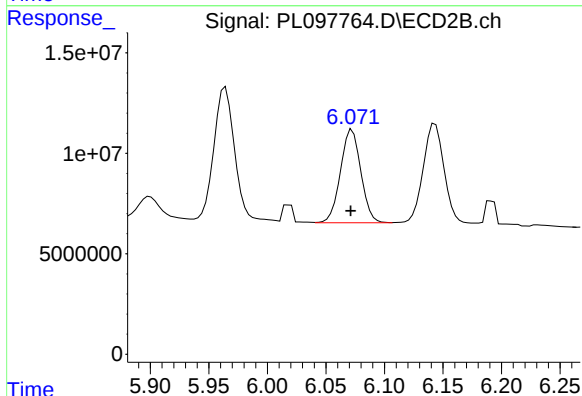
#17 4,4'-DDT

R.T.: 6.960 min
Delta R.T.: 0.005 min
Response: 41006805
Conc: 11.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

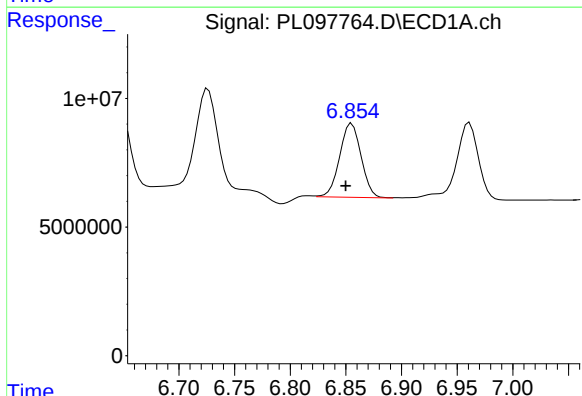
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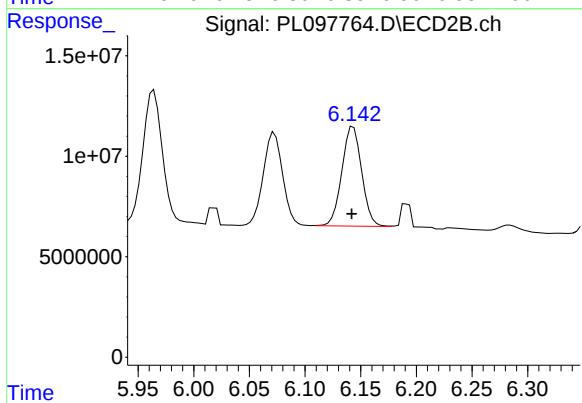
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 56380577
Conc: 11.44 ng/ml m



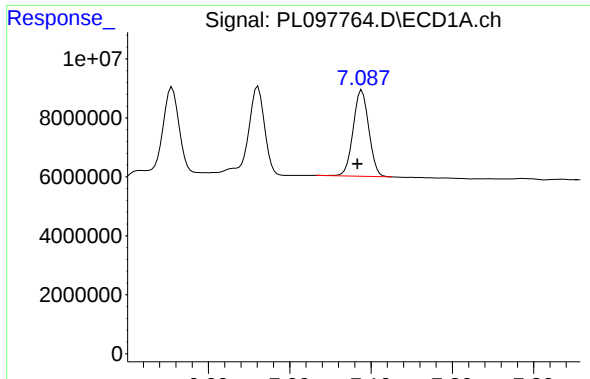
#18 Endrin aldehyde

R.T.: 6.854 min
Delta R.T.: 0.004 min
Response: 38546422
Conc: 10.61 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 61422582
Conc: 7.88 ng/ml m



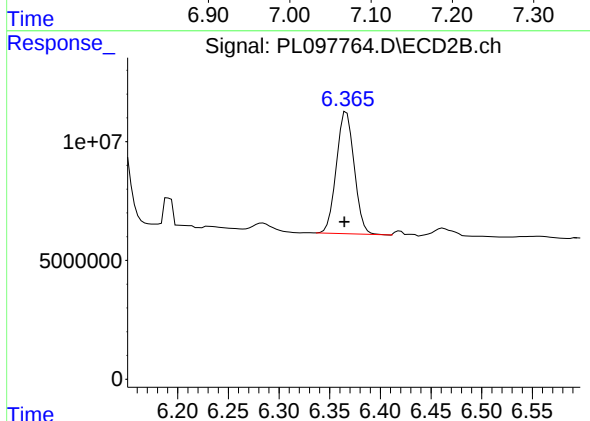
#19 Endosulfan Sulfate

R.T.: 7.089 min
Delta R.T.: 0.005 min
Response: 38857816
Conc: 8.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

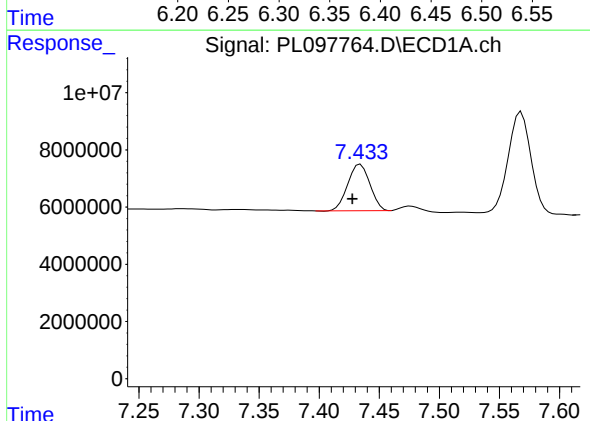
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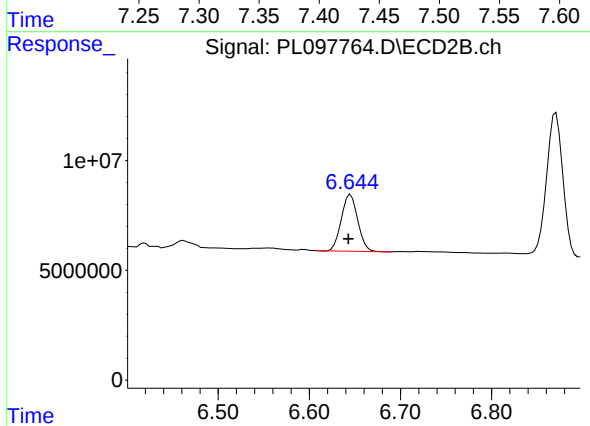
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.002 min
Response: 62551224
Conc: 9.11 ng/ml



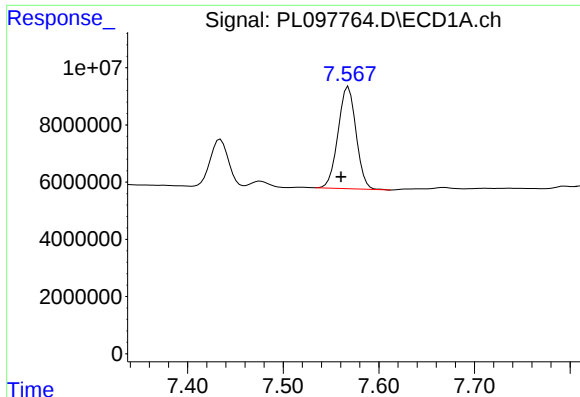
#20 Methoxychlor

R.T.: 7.434 min
Delta R.T.: 0.007 min
Response: 20853746
Conc: 11.05 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 32126092
Conc: 11.96 ng/ml



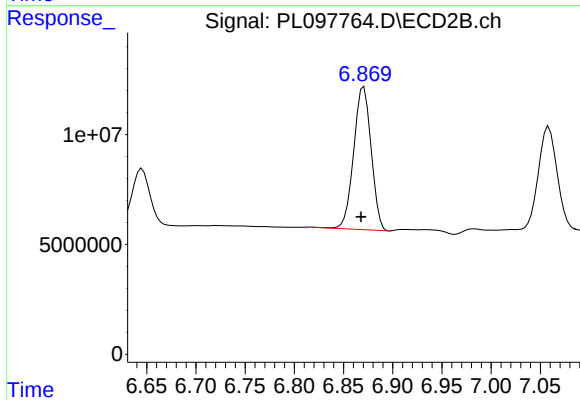
#21 Endrin ketone

R.T.: 7.568 min
Delta R.T.: 0.007 min
Response: 46786051
Conc: 10.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

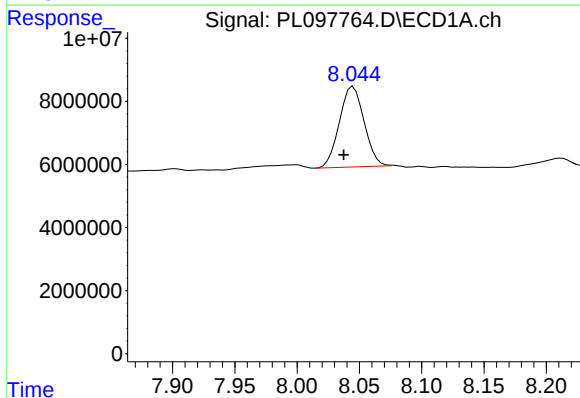
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/03/2025
Supervised By :mohammad ahmed 12/04/2025



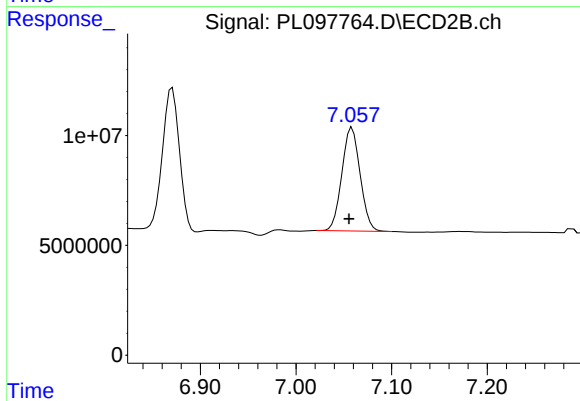
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.003 min
Response: 80173910
Conc: 11.00 ng/ml



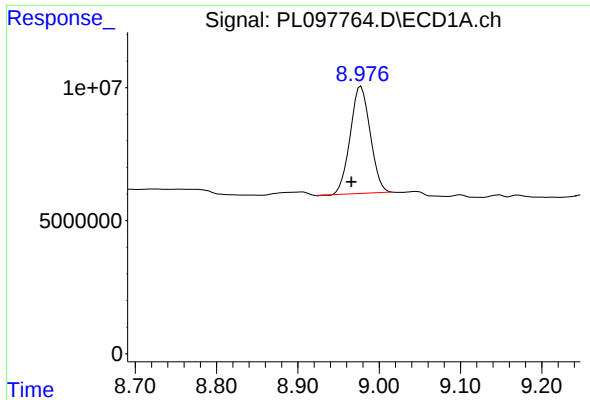
#22 Mirex

R.T.: 8.044 min
Delta R.T.: 0.006 min
Response: 35408364
Conc: 11.65 ng/ml m



#22 Mirex

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 62664154
Conc: 12.11 ng/ml



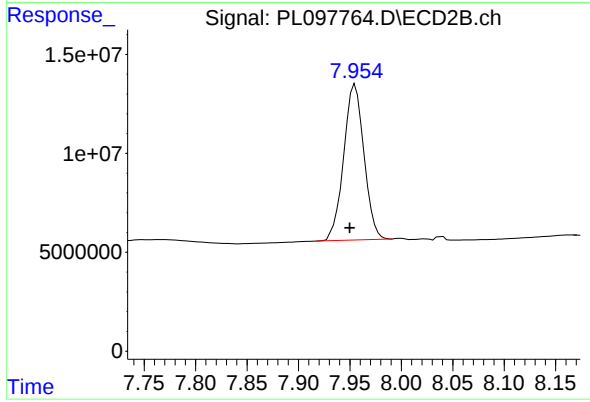
#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: 0.012 min
Response: 68721040
Conc: 21.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BS

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#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.005 min
Response: 107942468
Conc: 22.93 ng/ml