

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120225\
 Data File : PL097765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 17:21
 Operator : AR\AJ
 Sample : PB170784BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170784BSD

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 01:04:09 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...	3.503	2.800	107.4E6	140.1E6	20.963m	19.586
28)	SA Decachlor...	8.975	7.955	70462510	108.0E6	21.953	22.941
Target Compounds							
2)	A alpha-BHC	3.952	3.303	76132767	111.9E6	8.974	9.773
3)	MA gamma-BHC...	4.279	3.633	89682574	105.7E6	11.506m	10.294m
4)	MA Heptachlor	4.871	3.980	83818662	110.3E6	11.236	11.662
5)	MB Aldrin	5.209	4.262	83327693	95771182	12.143	10.095
6)	B beta-BHC	4.469	3.931	33785517	52012950	10.347m	11.757
7)	B delta-BHC	4.713	4.162	21190215	27328776	3.036m	2.667
8)	B Heptachlo...	5.628	4.762	76458198	60429504	12.158m	7.201m#
9)	A Endosulfan I	6.011	5.135	48746232	80359927	9.035	9.291
10)	B gamma-Chl...	5.884	5.015	66156903	96787932	11.070	10.814
11)	B alpha-Chl...	5.962	5.079	59198457	97853374	9.897m	10.451
12)	B 4,4'-DDE	6.134	5.266	50799103	84103759	9.482m	10.333m
13)	MA Dieldrin	6.284	5.398	60055021	98810090	10.737	11.435
14)	MA Endrin	6.510	5.673	54951620	82154055	11.937	10.689
15)	B Endosulfa...	6.723	5.965	68047891	80462814	13.414m	11.054
16)	A 4,4'-DDD	6.644	5.820	41112223	50587974	9.656m	7.478
17)	MA 4,4'-DDT	6.958	6.073	39949651	52181480	10.948m	10.588
18)	B Endrin al...	6.852	6.143	41991727	59627594	11.560m	7.533 #
19)	B Endosulfa...	7.088	6.367	38971707	61826949	8.858	9.009
20)	A Methoxychlor	7.433	6.646	23670360	31368810	12.542	11.678
21)	B Endrin ke...	7.565	6.871	49557444	79133908	11.356m	10.862
22)	Mirex	8.043	7.059	38203199	63471284	12.568	12.267

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120225\
Data File : PL097765.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 17:21
Operator : AR\AJ
Sample : PB170784BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

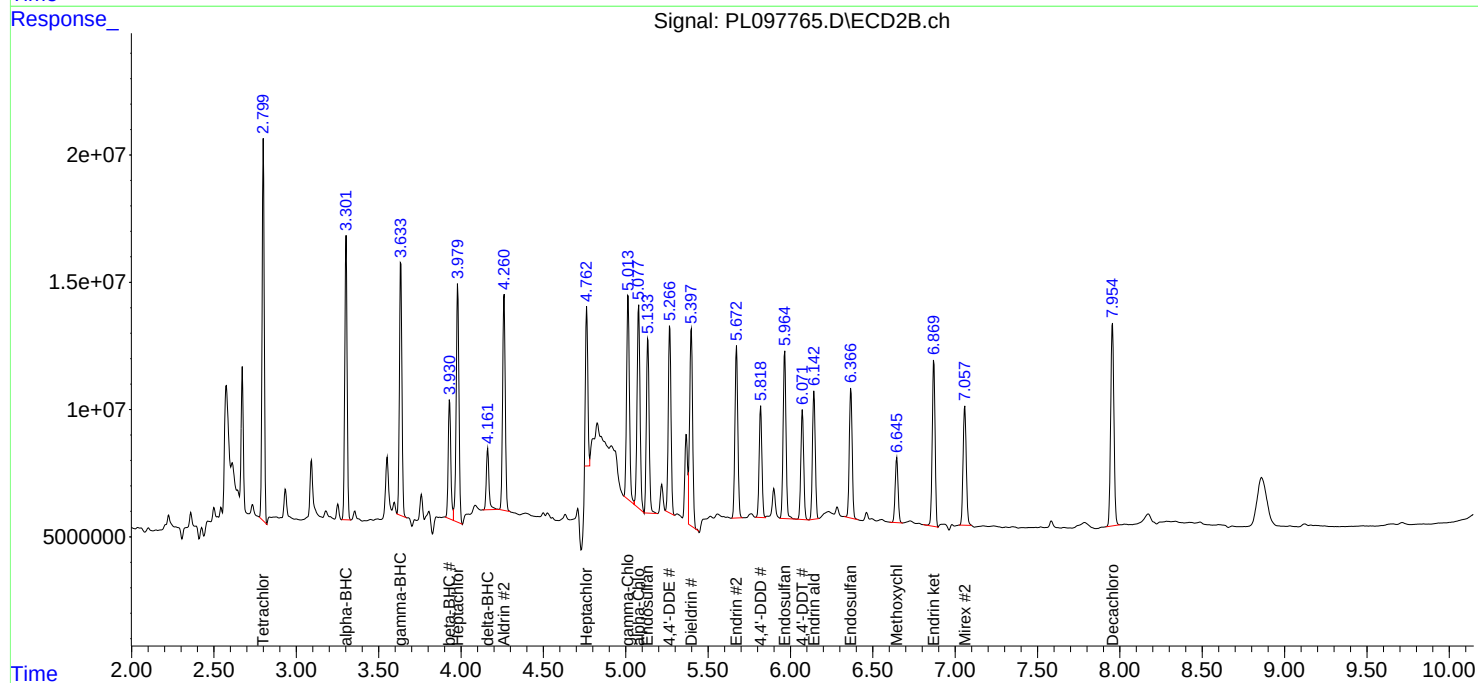
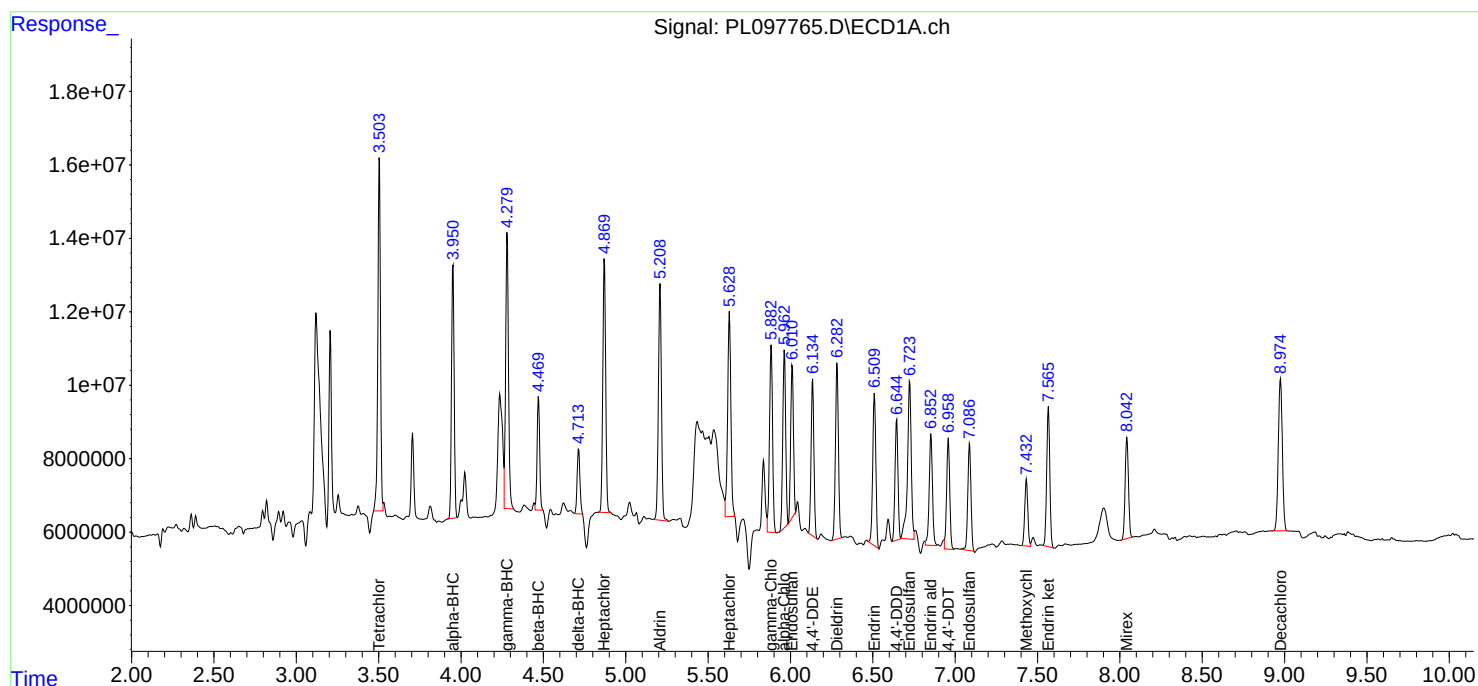
Instrument :
ECD_L
ClientSampleId :
PB170784BSD

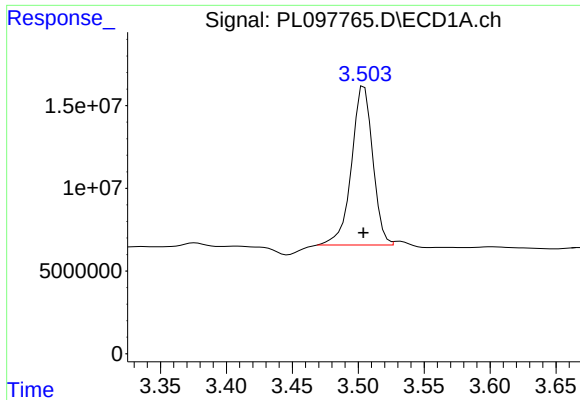
Manual Integrations
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Supervised By :mohammad ahmed 12/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 01:04:09 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





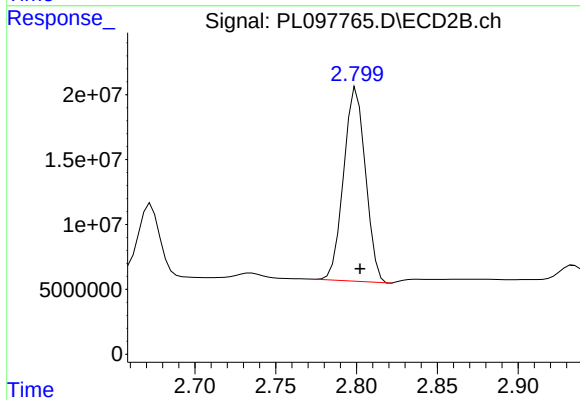
#1 Tetrachloro-m-xylene

R.T.: 3.503 min
Delta R.T.: 0.000 min
Response: 107412526
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

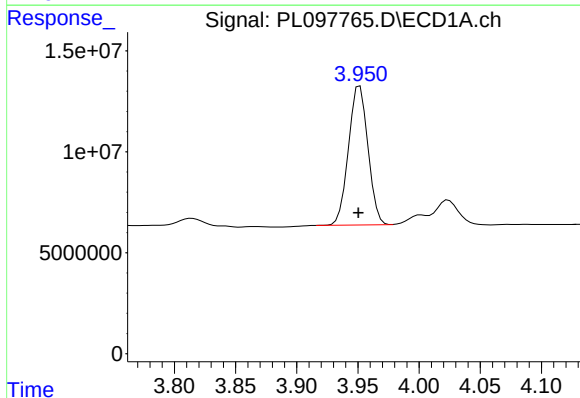
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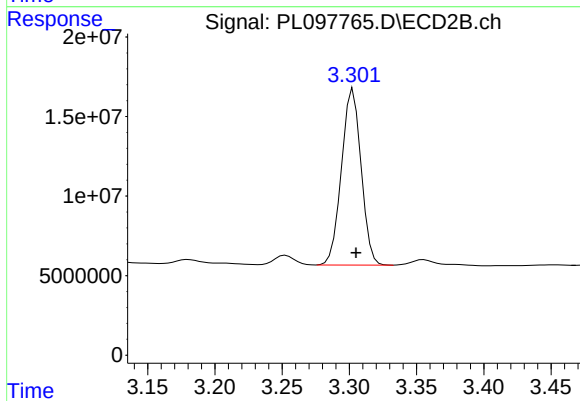
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: -0.002 min
Response: 140096290
Conc: 19.59 ng/ml



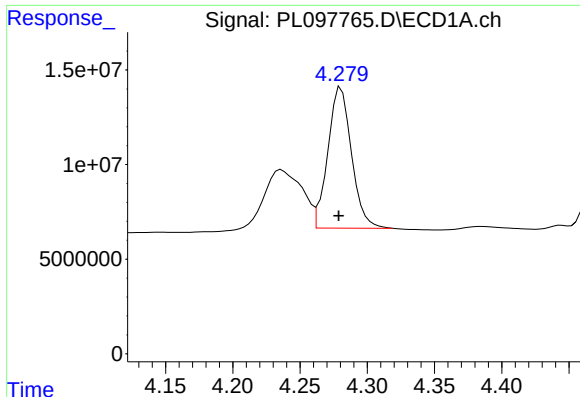
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.001 min
Response: 76132767
Conc: 8.97 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: -0.002 min
Response: 111946294
Conc: 9.77 ng/ml



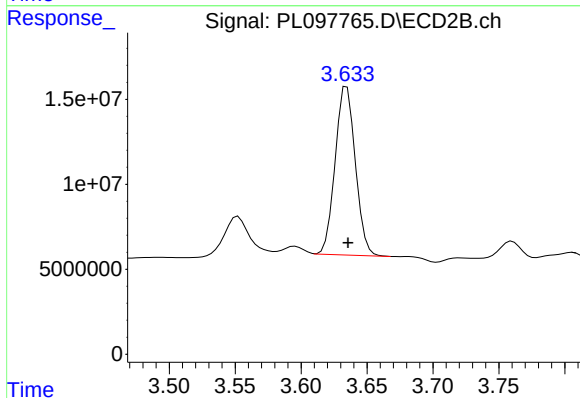
#3 gamma-BHC (Lindane)

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 89682574
Conc: 11.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

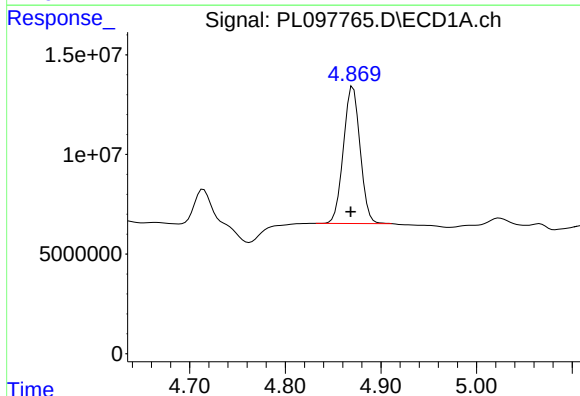
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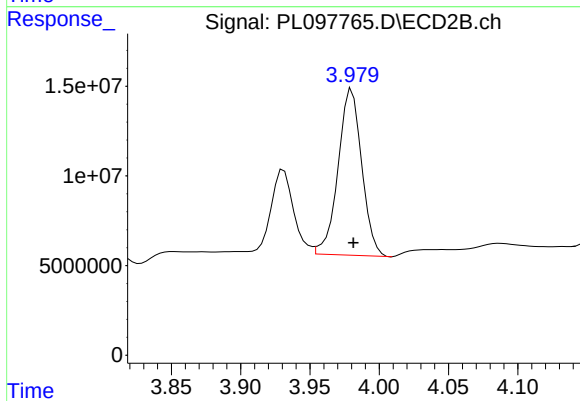
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: -0.002 min
Response: 105656530
Conc: 10.29 ng/ml m



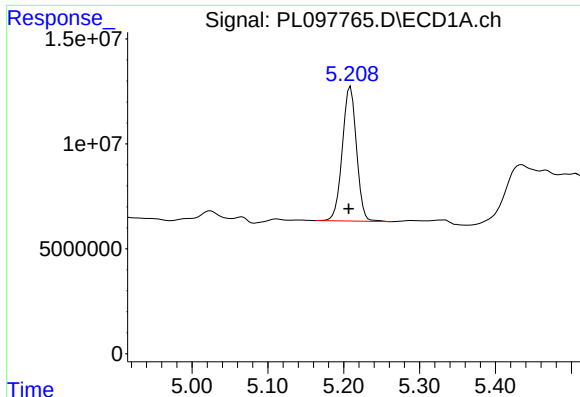
#4 Heptachlor

R.T.: 4.871 min
Delta R.T.: 0.003 min
Response: 83818662
Conc: 11.24 ng/ml



#4 Heptachlor

R.T.: 3.980 min
Delta R.T.: 0.000 min
Response: 110347892
Conc: 11.66 ng/ml



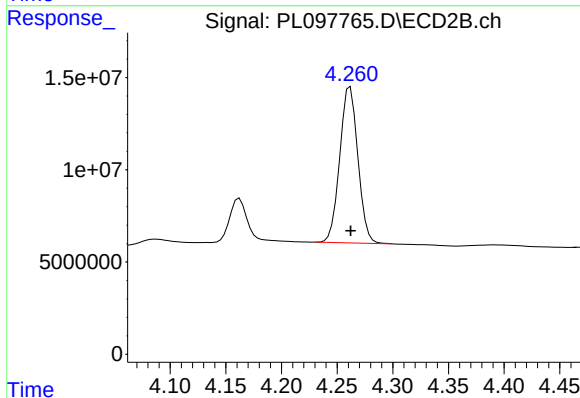
#5 Aldrin

R.T.: 5.209 min
Delta R.T.: 0.002 min
Response: 83327693
Conc: 12.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

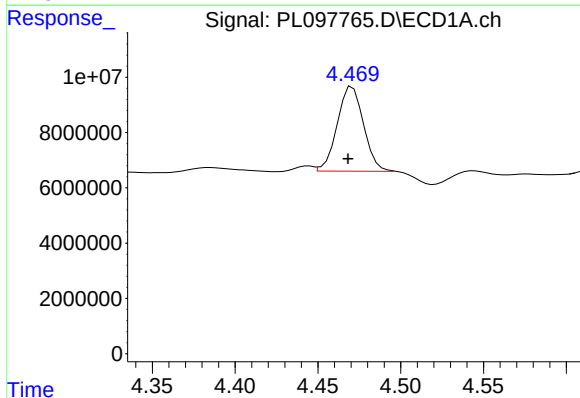
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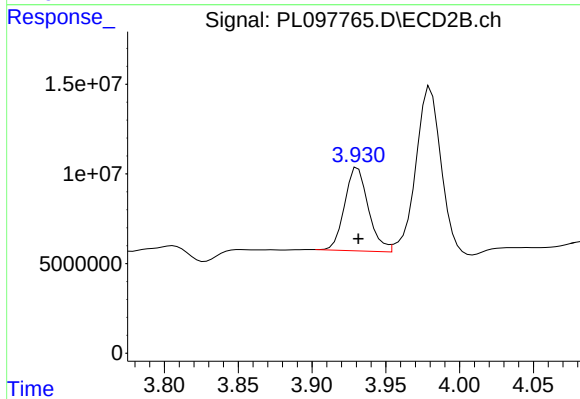
#5 Aldrin

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 95771182
Conc: 10.09 ng/ml



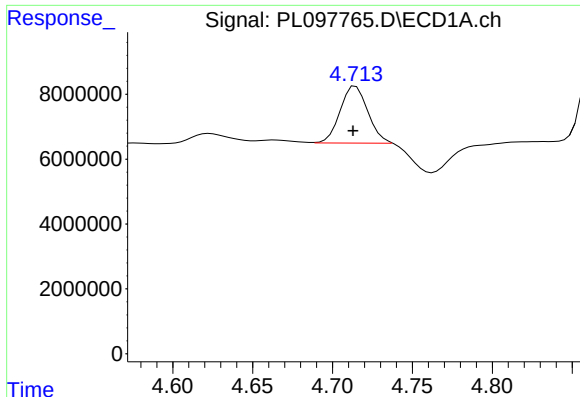
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.001 min
Response: 33785517
Conc: 10.35 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 52012950
Conc: 11.76 ng/ml



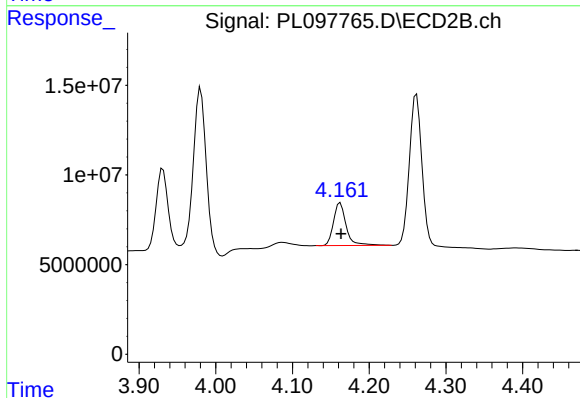
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 21190215
Conc: 3.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

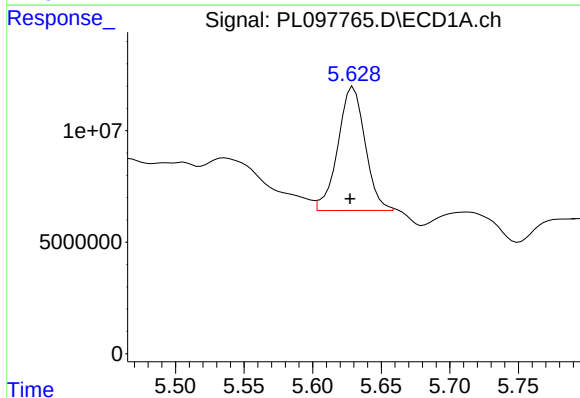
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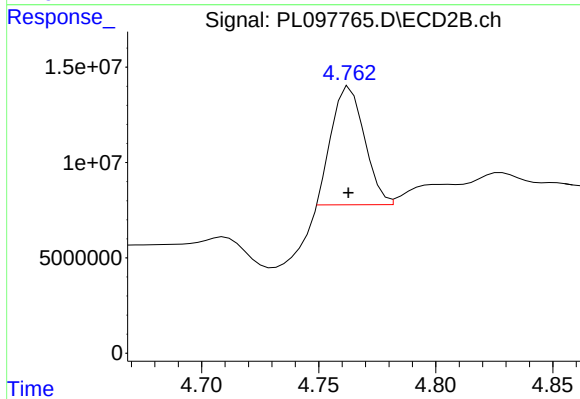
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 27328776
Conc: 2.67 ng/ml



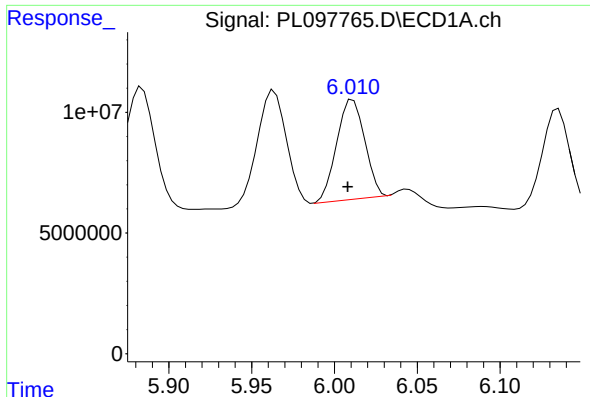
#8 Heptachlor epoxide

R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 76458198
Conc: 12.16 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 60429504
Conc: 7.20 ng/ml m



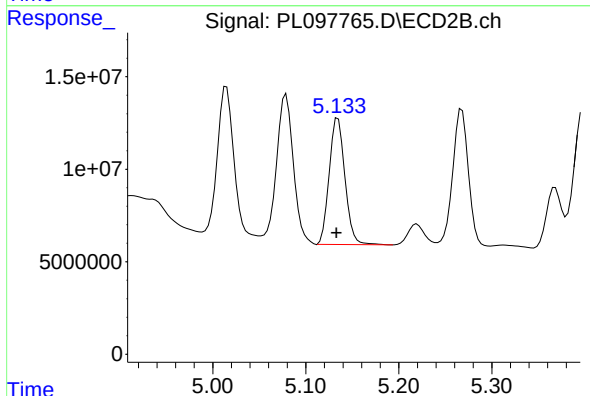
#9 Endosulfan I

R.T.: 6.011 min
Delta R.T.: 0.003 min
Response: 48746232
Conc: 9.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

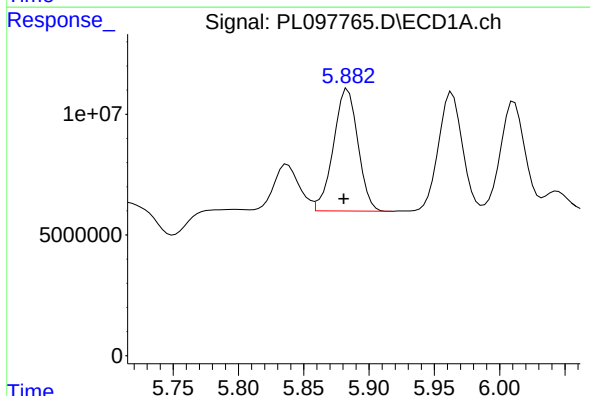
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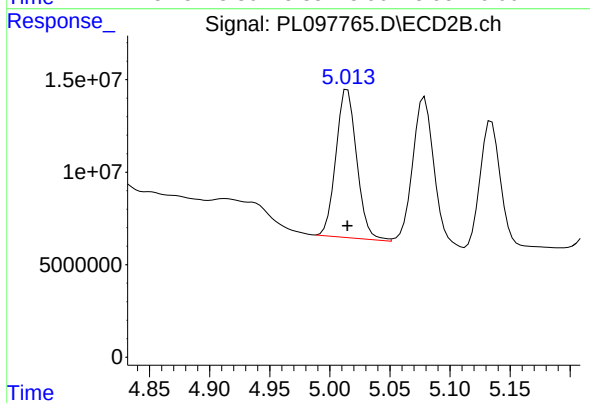
#9 Endosulfan I

R.T.: 5.135 min
Delta R.T.: 0.002 min
Response: 80359927
Conc: 9.29 ng/ml



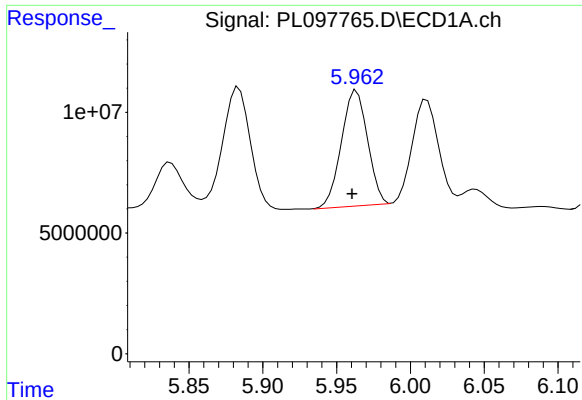
#10 gamma-Chlordane

R.T.: 5.884 min
Delta R.T.: 0.003 min
Response: 66156903
Conc: 11.07 ng/ml



#10 gamma-Chlordane

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 96787932
Conc: 10.81 ng/ml



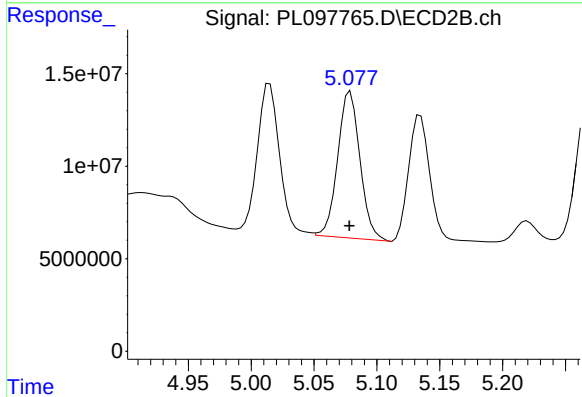
#11 alpha-Chlordane

R.T.: 5.962 min
Delta R.T.: 0.002 min
Response: 59198457
Conc: 9.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

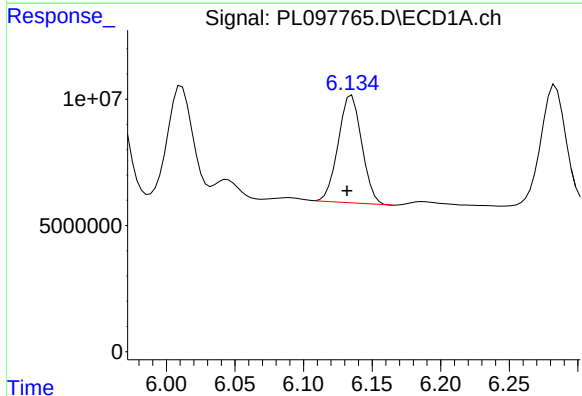
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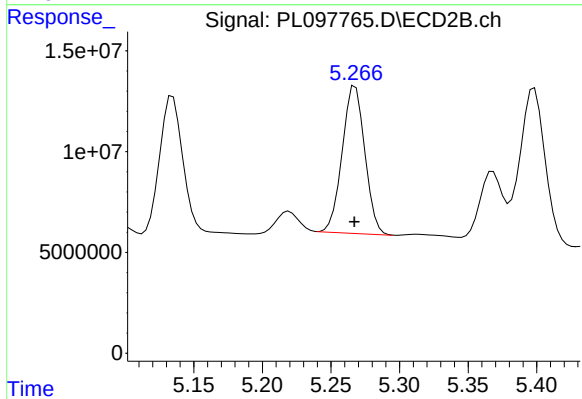
#11 alpha-Chlordane

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 97853374
Conc: 10.45 ng/ml



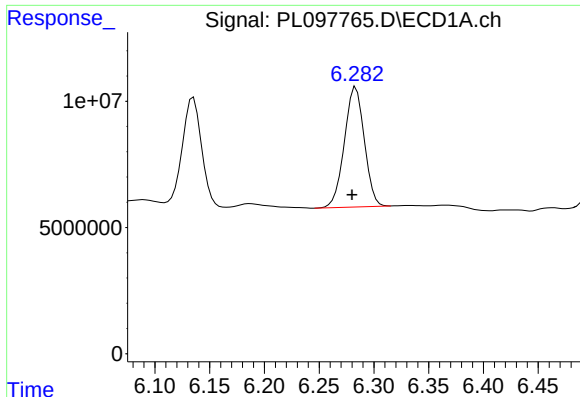
#12 4,4'-DDE

R.T.: 6.134 min
Delta R.T.: 0.002 min
Response: 50799103
Conc: 9.48 ng/ml m



#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 84103759
Conc: 10.33 ng/ml m



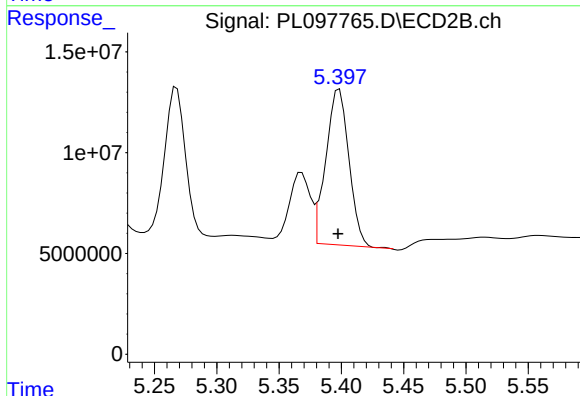
#13 Dieldrin

R.T.: 6.284 min
Delta R.T.: 0.004 min
Response: 60055021
Conc: 10.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

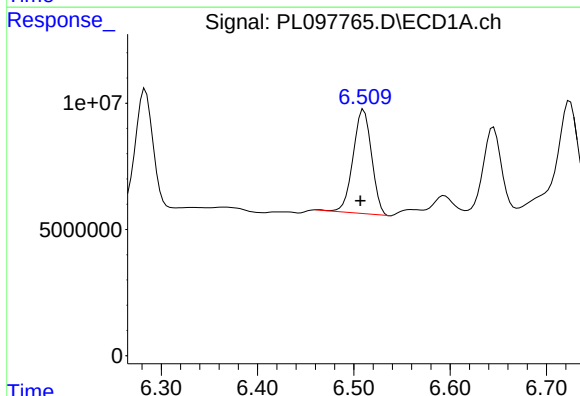
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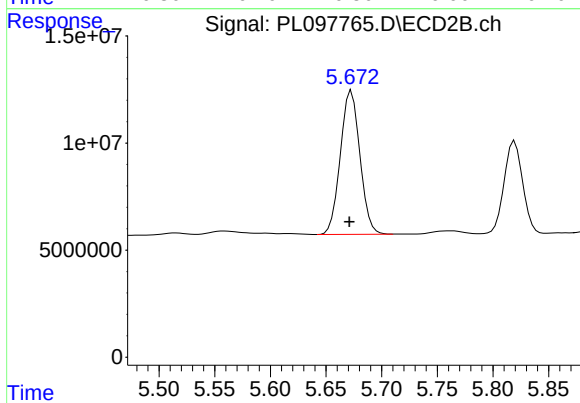
#13 Dieldrin

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 98810090
Conc: 11.44 ng/ml



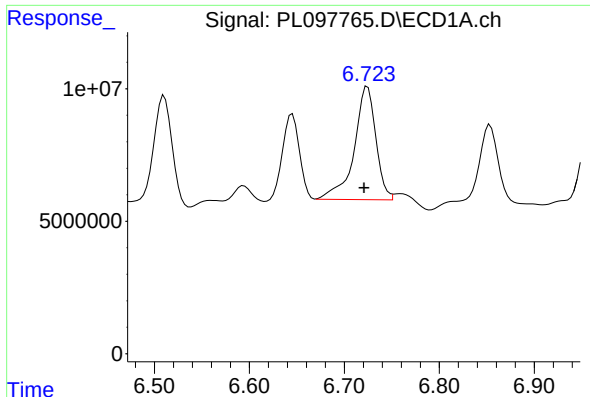
#14 Endrin

R.T.: 6.510 min
Delta R.T.: 0.004 min
Response: 54951620
Conc: 11.94 ng/ml



#14 Endrin

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 82154055
Conc: 10.69 ng/ml



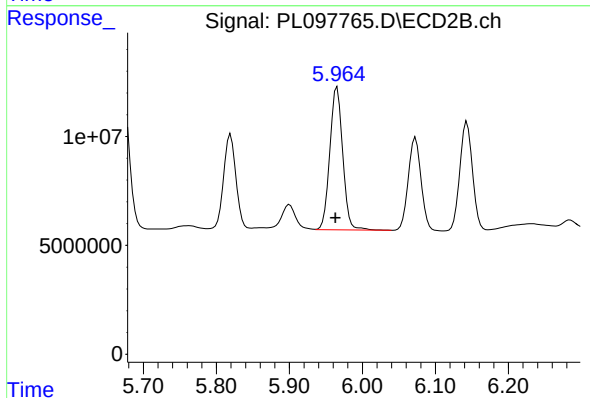
#15 Endosulfan II

R.T.: 6.723 min
Delta R.T.: 0.002 min
Response: 68047891
Conc: 13.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

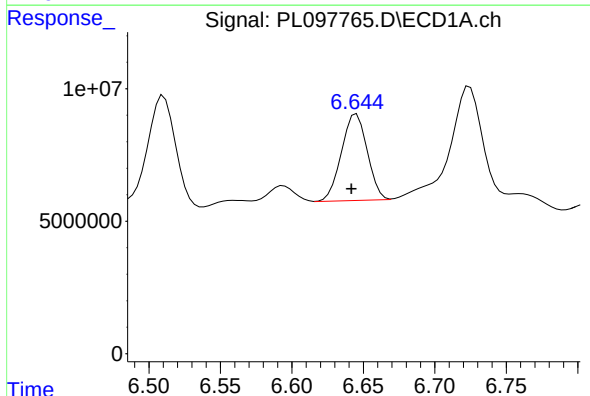
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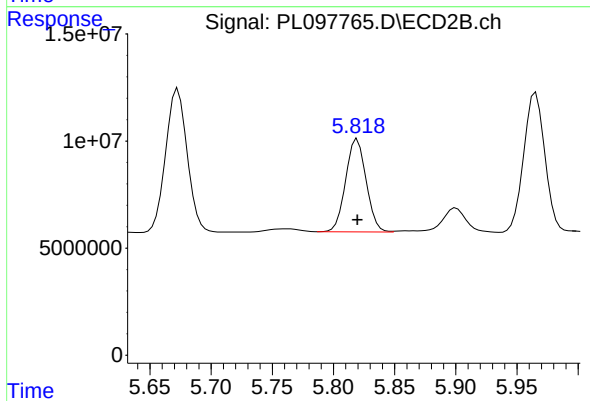
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.002 min
Response: 80462814
Conc: 11.05 ng/ml



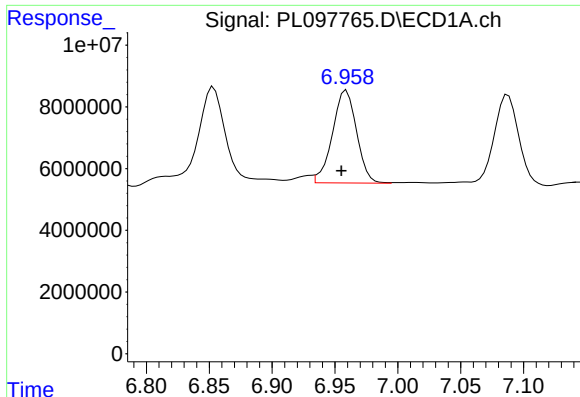
#16 4,4'-DDD

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 41112223
Conc: 9.66 ng/ml m



#16 4,4'-DDD

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 50587974
Conc: 7.48 ng/ml



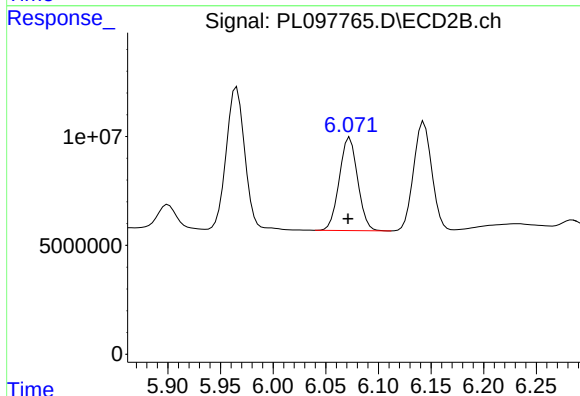
#17 4,4'-DDT

R.T.: 6.958 min
Delta R.T.: 0.003 min
Response: 39949651
Conc: 10.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

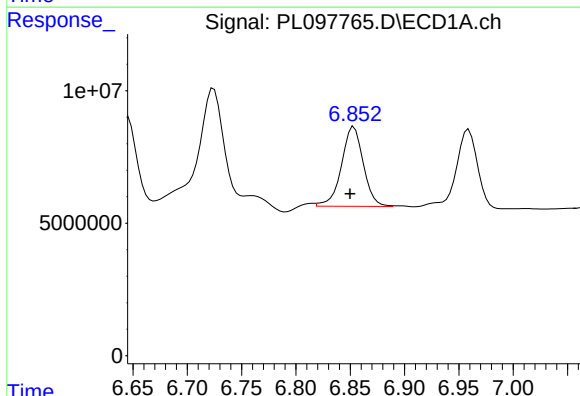
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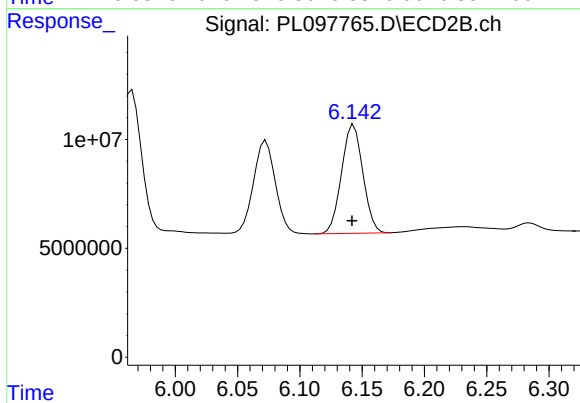
#17 4,4'-DDT

R.T.: 6.073 min
Delta R.T.: 0.002 min
Response: 52181480
Conc: 10.59 ng/ml



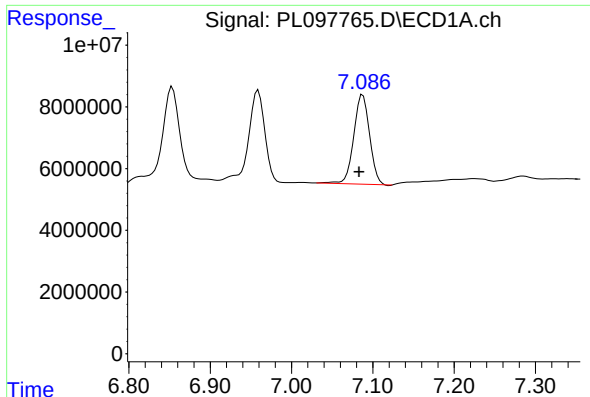
#18 Endrin aldehyde

R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 41991727
Conc: 11.56 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 59627594
Conc: 7.53 ng/ml



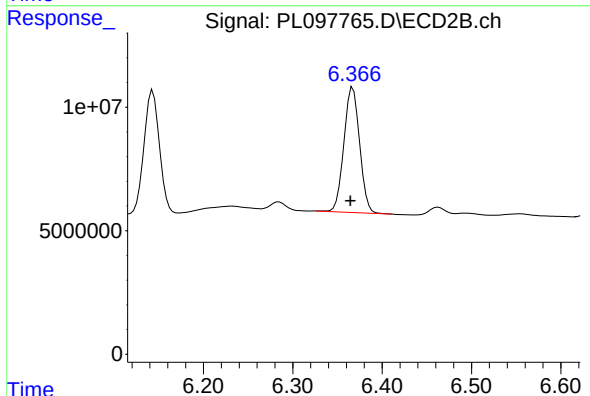
#19 Endosulfan Sulfate

R.T.: 7.088 min
Delta R.T.: 0.004 min
Response: 38971707
Conc: 8.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

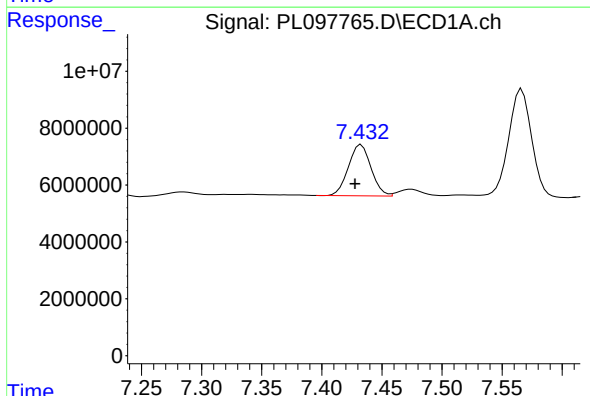
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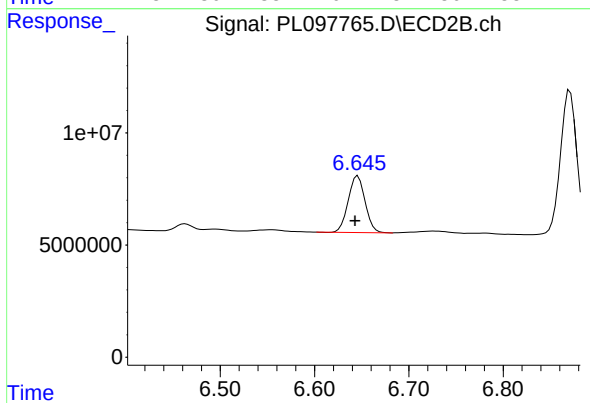
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 61826949
Conc: 9.01 ng/ml



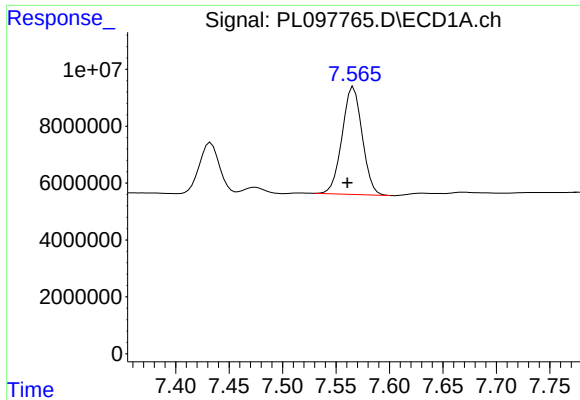
#20 Methoxychlor

R.T.: 7.433 min
Delta R.T.: 0.005 min
Response: 23670360
Conc: 12.54 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.003 min
Response: 31368810
Conc: 11.68 ng/ml



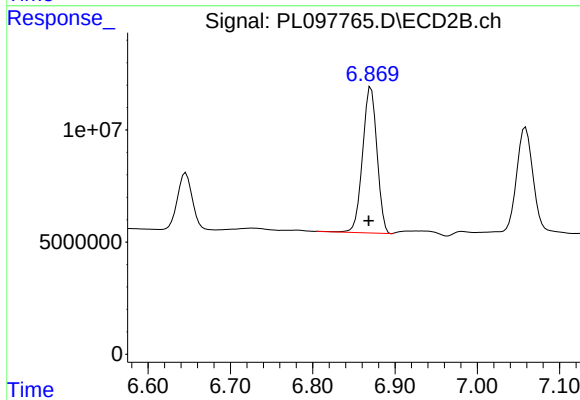
#21 Endrin ketone

R.T.: 7.565 min
Delta R.T.: 0.004 min
Response: 49557444
Conc: 11.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

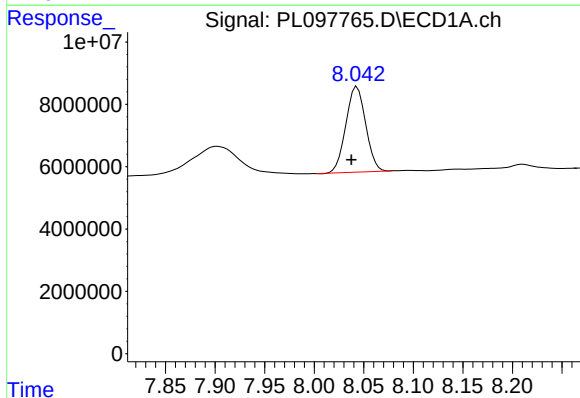
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Reviewed By :Abdul Mirza 12/03/2025
Supervised By :mohammad ahmed 12/04/2025



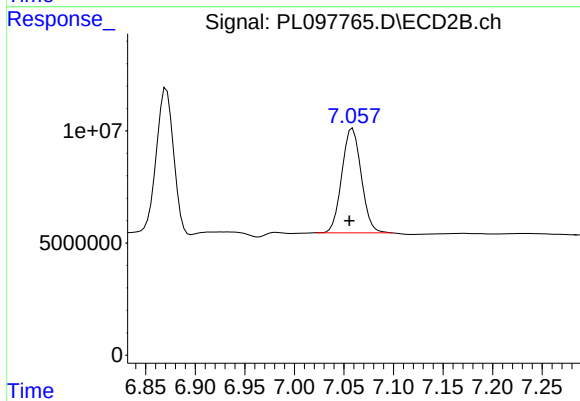
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.003 min
Response: 79133908
Conc: 10.86 ng/ml



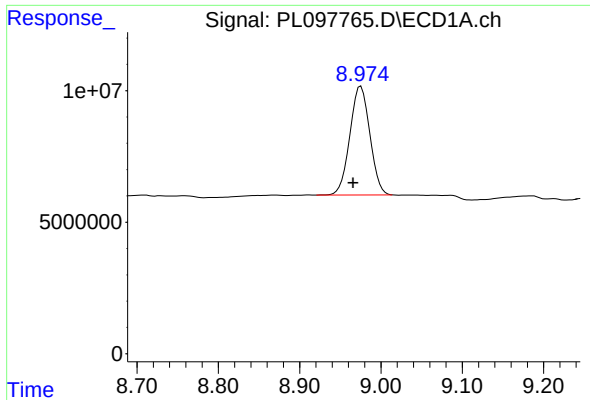
#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.006 min
Response: 38203199
Conc: 12.57 ng/ml



#22 Mirex

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 63471284
Conc: 12.27 ng/ml



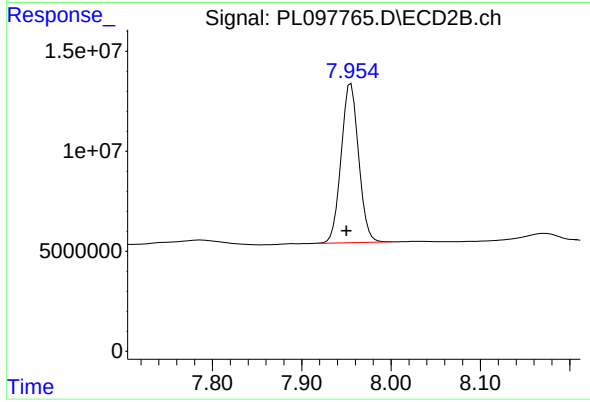
#28 Decachlorobiphenyl

R.T.: 8.975 min
Delta R.T.: 0.009 min
Response: 70462510
Conc: 21.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170784BSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.005 min
Response: 107976449
Conc: 22.94 ng/ml