

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120925\
 Data File : PL097814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 13:41
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL120925

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 14:09:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 13:50:21 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...	3.498	2.799	260.0E6	367.6E6	51.510	52.627
2)	SA Decachlor...	8.955	7.947	196.2E6	338.8E6	51.634m	51.515
Target Compounds							
2)	A alpha-BHC	3.944	3.302	456.7E6	619.3E6	54.004	53.974
3)	MA gamma-BHC...	4.272	3.632	423.8E6	575.8E6	52.859	53.533
4)	MA Heptachlor	4.862	3.977	422.2E6	553.1E6	53.026	53.212
5)	MB Aldrin	5.200	4.259	387.7E6	526.0E6	53.522	53.188
6)	B beta-BHC	4.461	3.928	172.9E6	241.6E6	51.642	52.114
7)	B delta-BHC	4.706	4.159	413.1E6	573.3E6	53.338	53.643
8)	B Heptachlo...	5.620	4.759	356.9E6	476.5E6	53.638	52.919
9)	A Endosulfan I	6.001	5.130	309.0E6	485.9E6	52.485	47.693
10)	B gamma-Chl...	5.874	5.011	345.7E6	528.3E6	53.250	51.874
11)	B alpha-Chl...	5.953	5.075	339.2E6	519.5E6	52.242	50.663
12)	B 4,4'-DDE	6.125	5.264	311.4E6	476.2E6	53.015	54.045
13)	MA Dieldrin	6.273	5.394	329.6E6	500.7E6	53.719	53.431
14)	MA Endrin	6.499	5.668	276.6E6	447.0E6	53.397	53.485
15)	B Endosulfa...	6.713	5.960	270.4E6	435.9E6	52.922	52.660
16)	A 4,4'-DDD	6.634	5.816	247.7E6	403.0E6	53.467	53.727
17)	MA 4,4'-DDT	6.947	6.068	258.7E6	416.1E6	54.010	54.247
18)	B Endrin al...	6.842	6.139	206.3E6	330.3E6	52.352	51.723
19)	B Endosulfa...	7.075	6.362	257.2E6	428.6E6	51.875	52.648
20)	A Methoxychlor	7.420	6.640	133.3E6	220.0E6	52.943	52.650
21)	B Endrin ke...	7.553	6.865	268.2E6	472.4E6	51.607	52.950
22)	Mirex	8.029	7.052	181.4E6	333.0E6	52.608	51.580

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

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Data File : PL097814.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2025 13:41
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

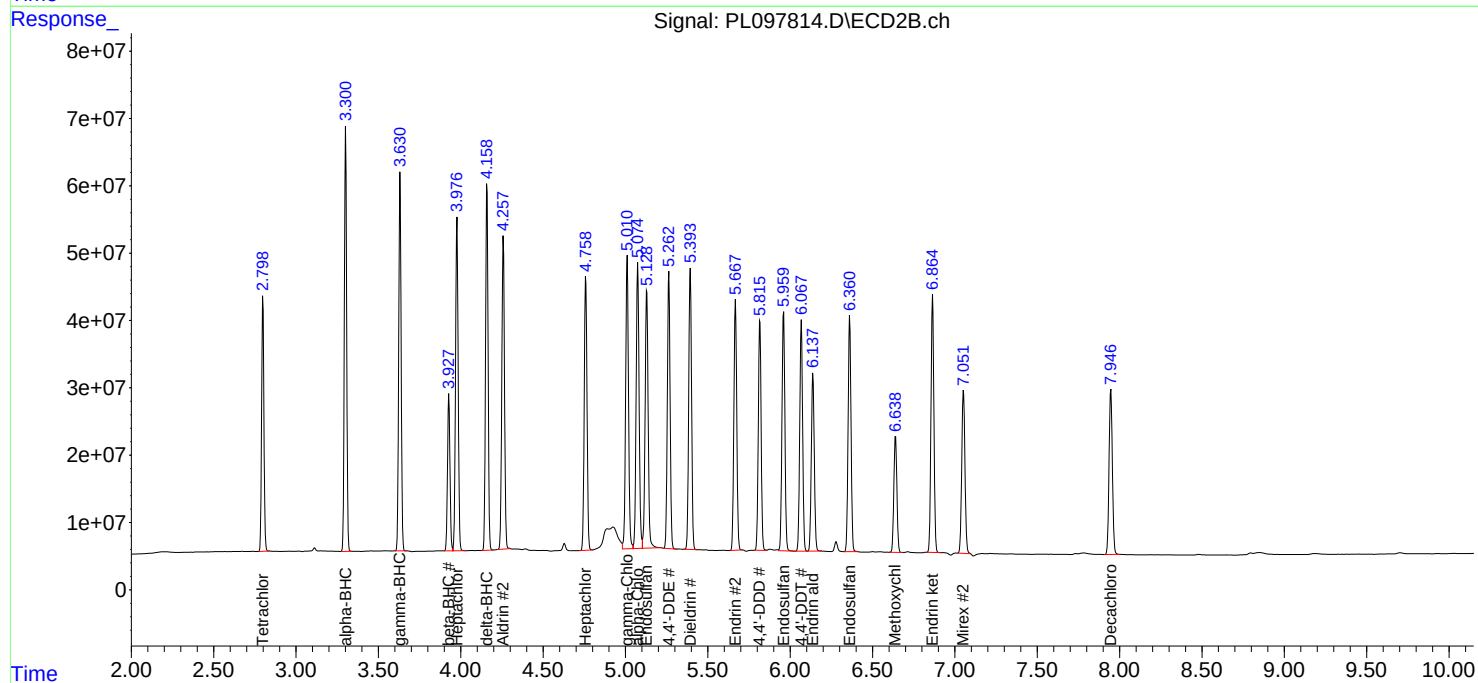
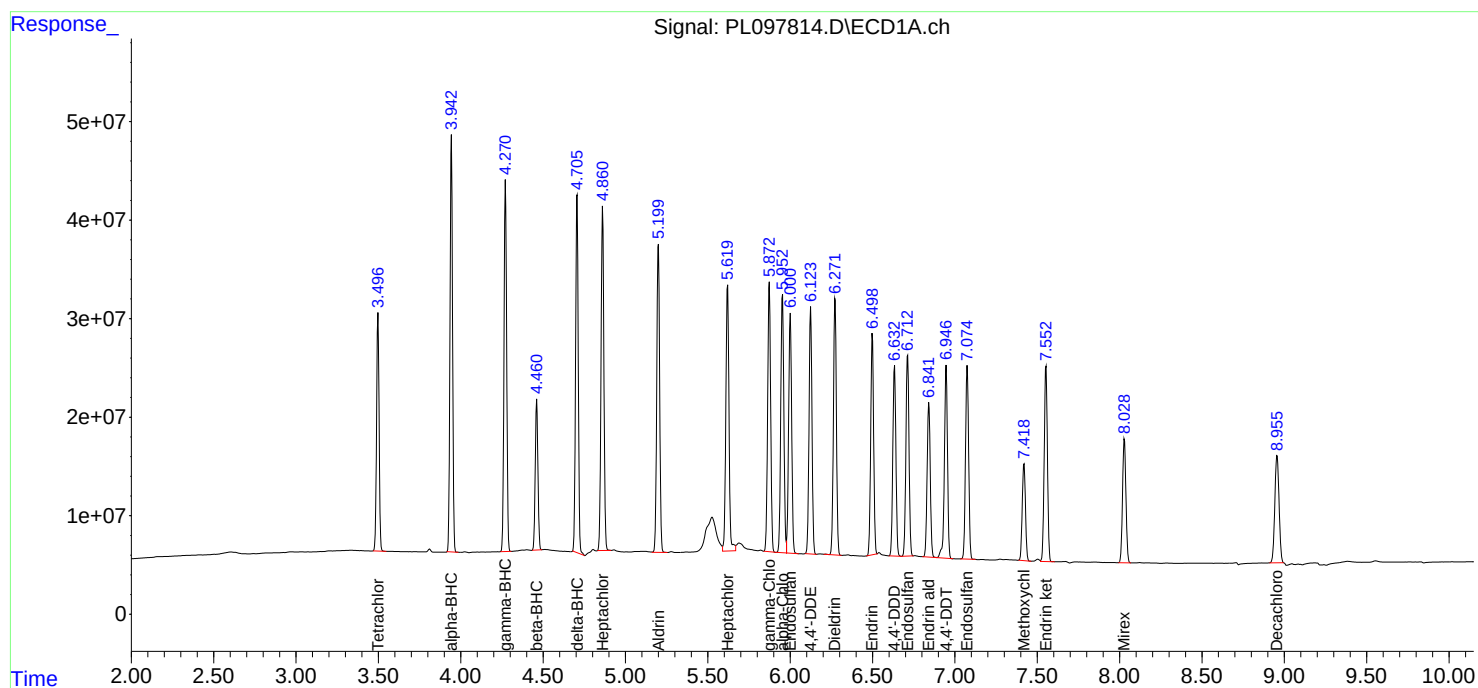
Instrument :
ECD_L
ClientSampleId :
ICVPL120925

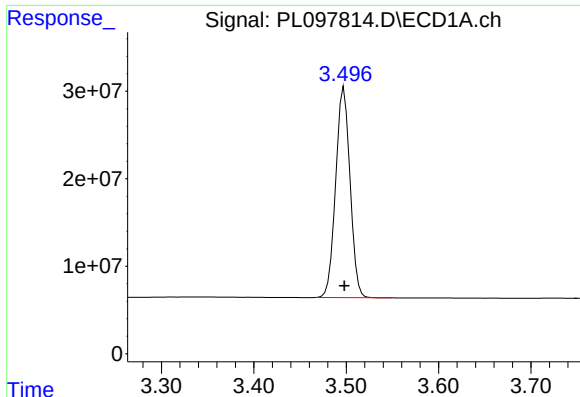
Manual Integrations
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Reviewed By : Abdul Mirza 12/10/2025
Supervised By : Yogesh Patel 12/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 14:09:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 13:50:21 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





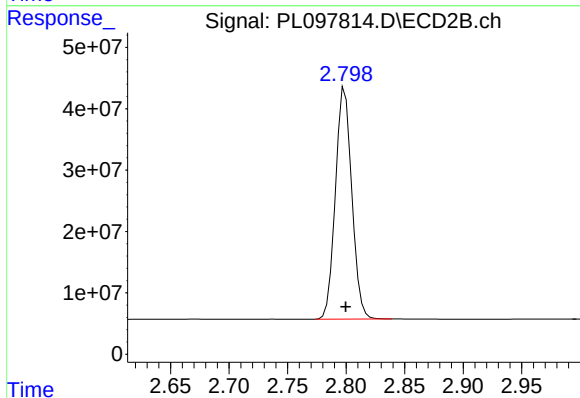
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 259967910
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

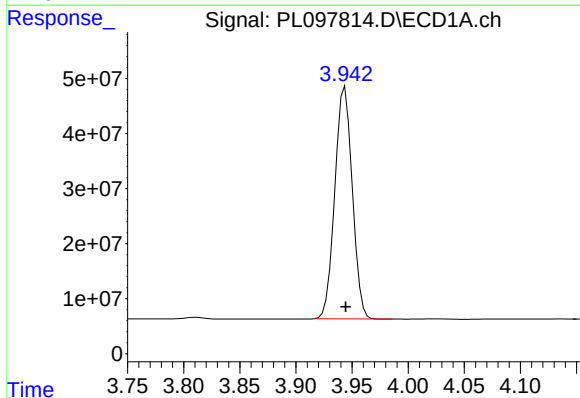
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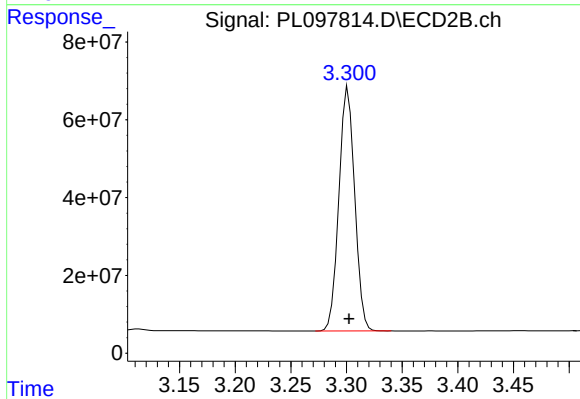
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 367612698
Conc: 52.63 ng/ml



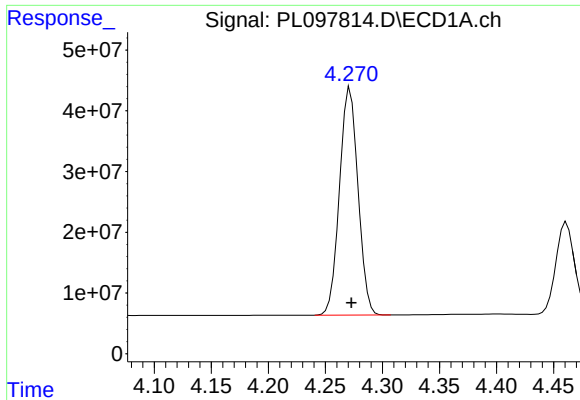
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 456696663
Conc: 54.00 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 619285241
Conc: 53.97 ng/ml



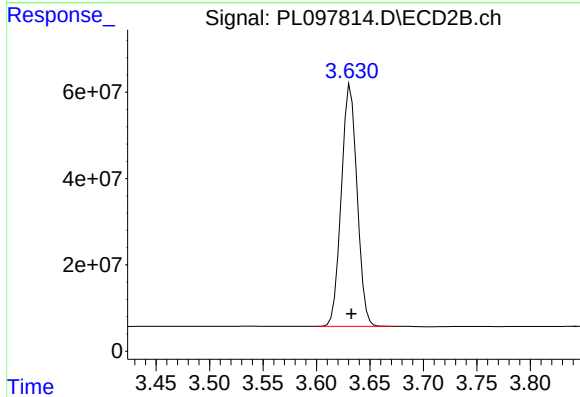
#3 gamma-BHC (Lindane)

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 423751366
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

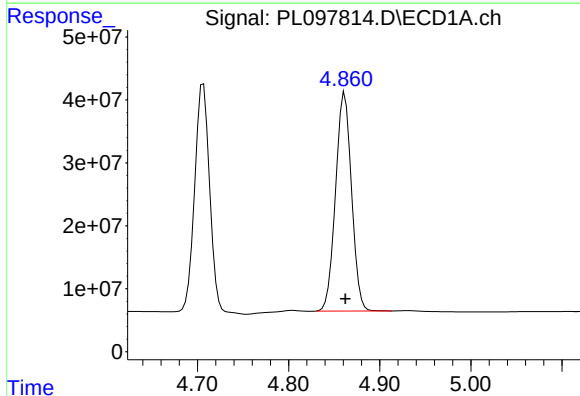
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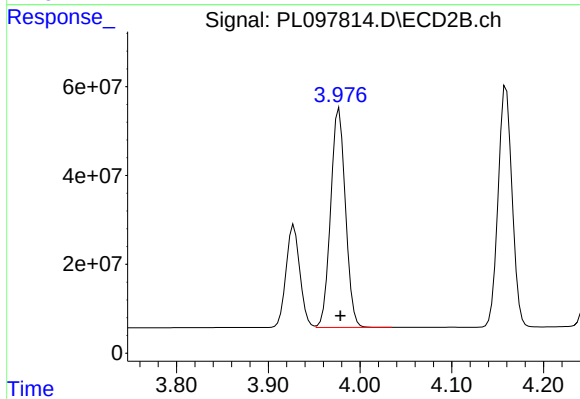
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 575796888
Conc: 53.53 ng/ml



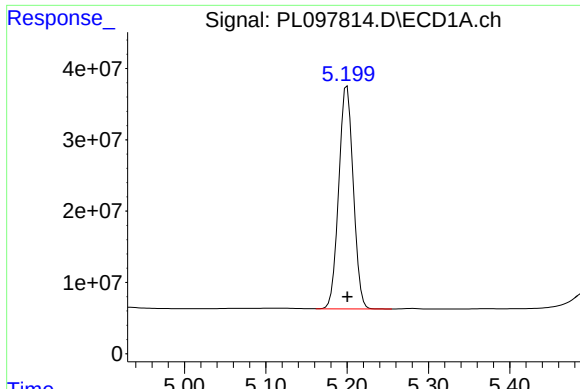
#4 Heptachlor

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 422204468
Conc: 53.03 ng/ml



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.001 min
Response: 553148662
Conc: 53.21 ng/ml



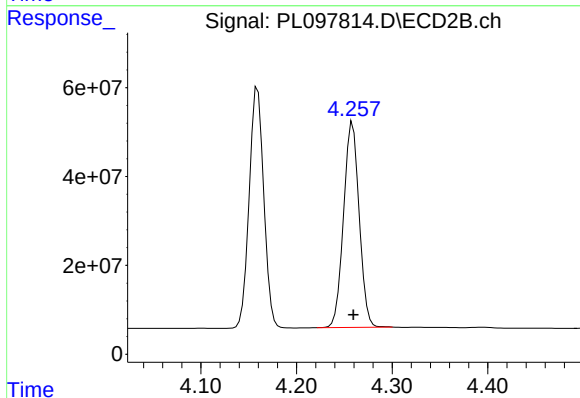
#5 Aldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 387743251
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

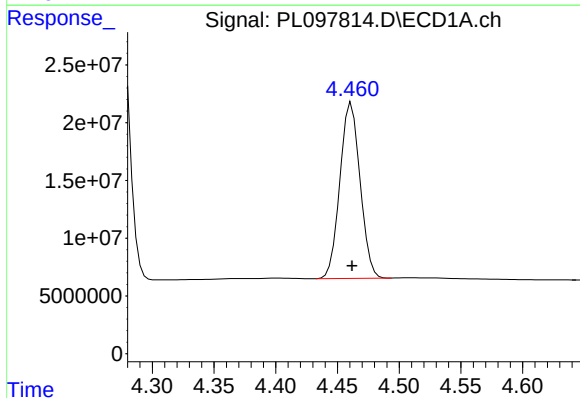
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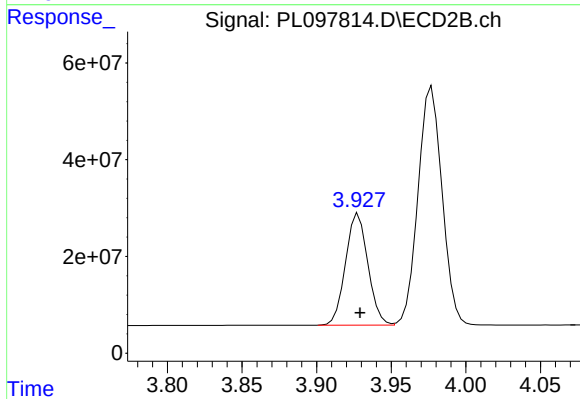
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 526009152
Conc: 53.19 ng/ml



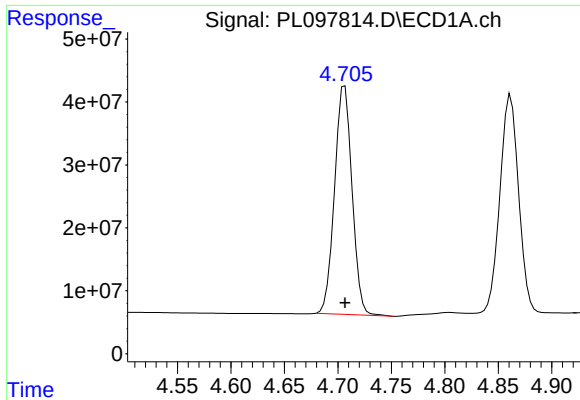
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 172903633
Conc: 51.64 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 241615003
Conc: 52.11 ng/ml



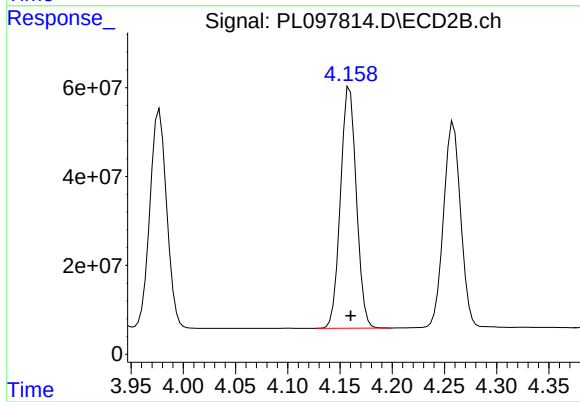
#7 delta-BHC

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 413118197
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

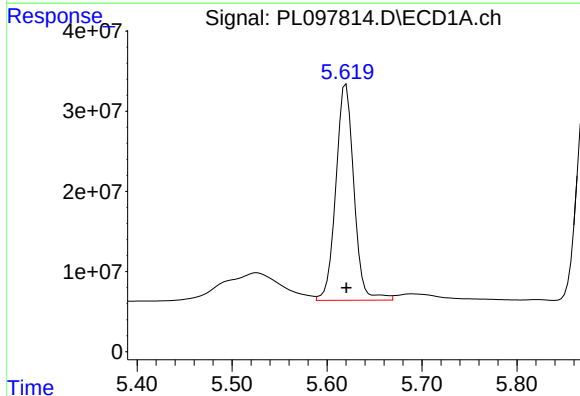
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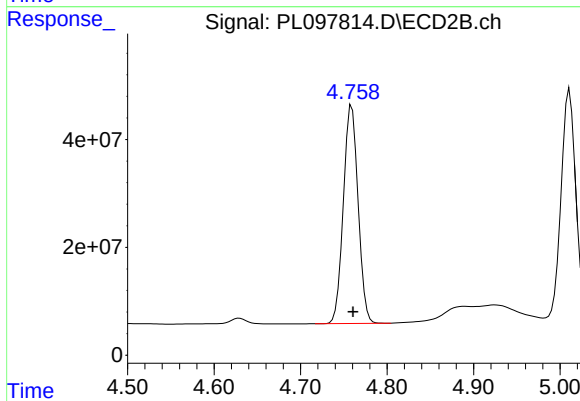
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 573290207
Conc: 53.64 ng/ml



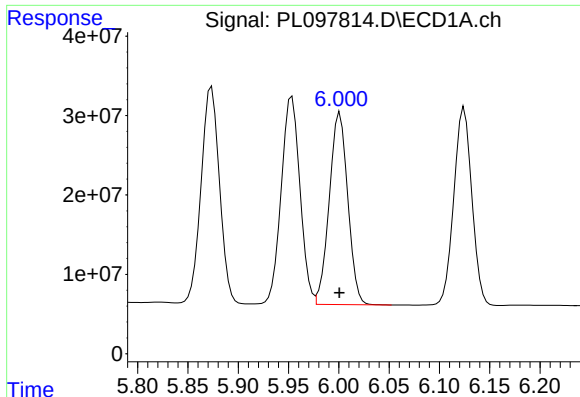
#8 Heptachlor epoxide

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 356868891
Conc: 53.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 476473323
Conc: 52.92 ng/ml



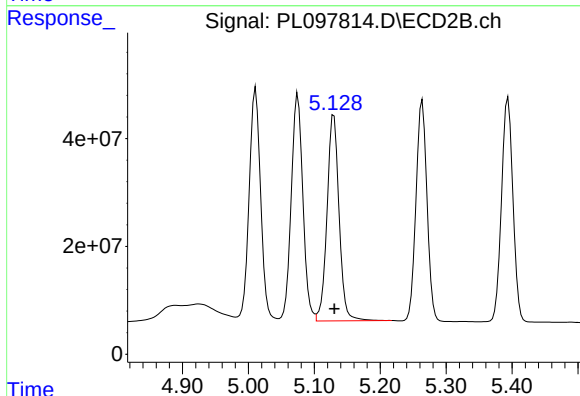
#9 Endosulfan I

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 309001931
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

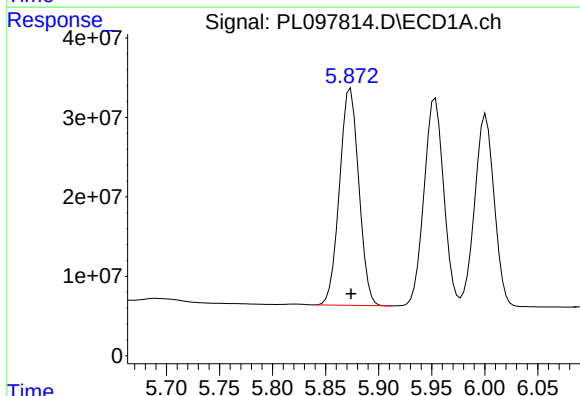
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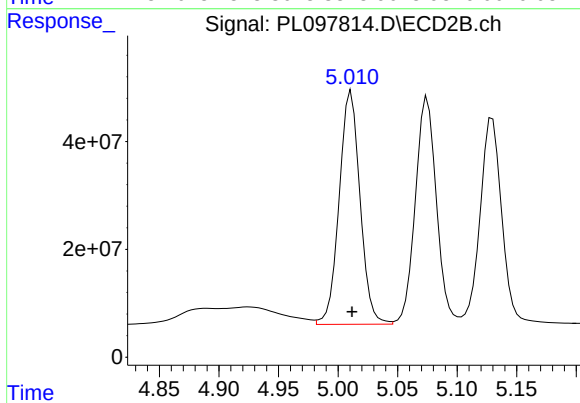
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 485916421
Conc: 47.69 ng/ml



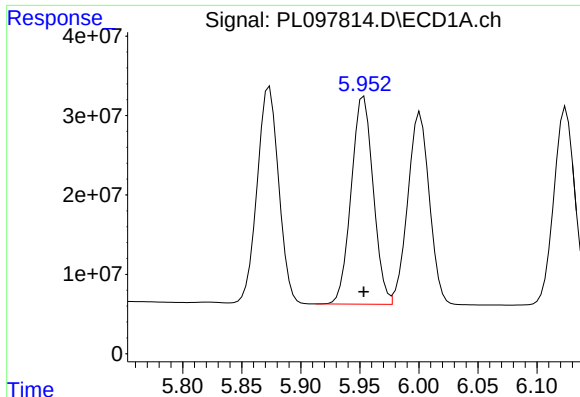
#10 gamma-Chlordane

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 345678222
Conc: 53.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 528347856
Conc: 51.87 ng/ml



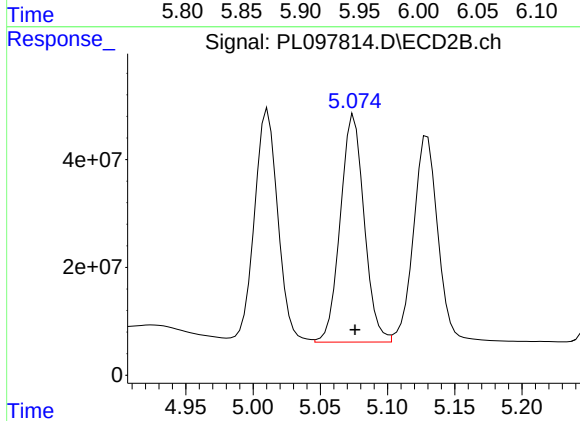
#11 alpha-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 339209000
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

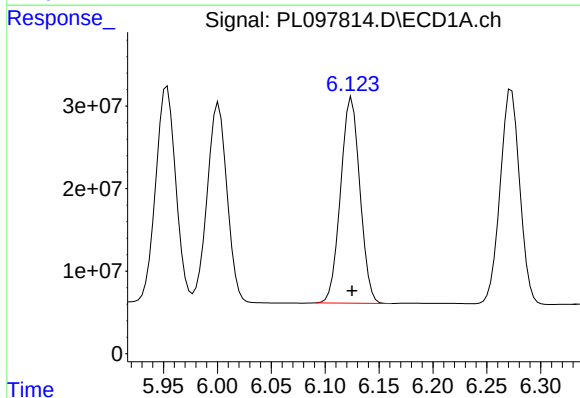
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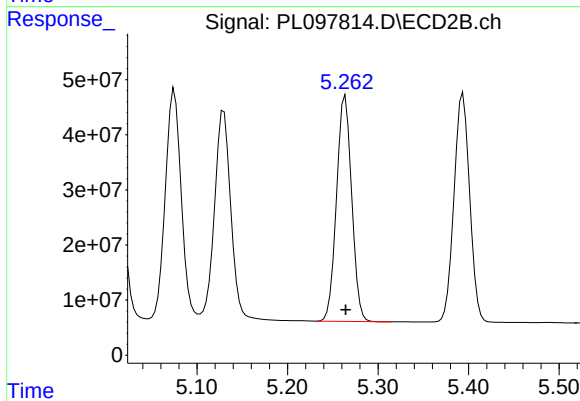
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 519546139
Conc: 50.66 ng/ml



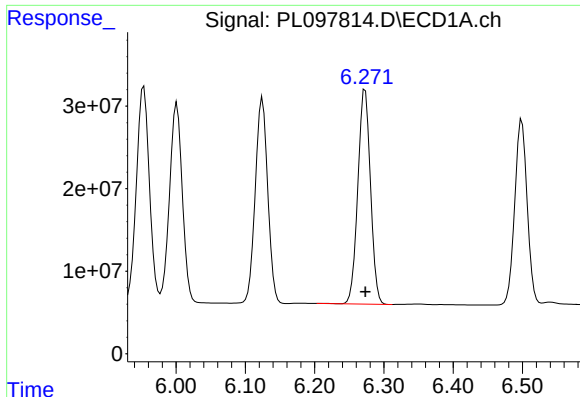
#12 4,4'-DDE

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 311371965
Conc: 53.01 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 476175453
Conc: 54.04 ng/ml



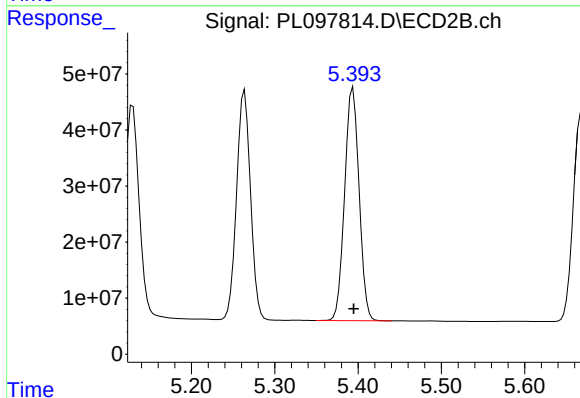
#13 Dieldrin

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 329648377
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

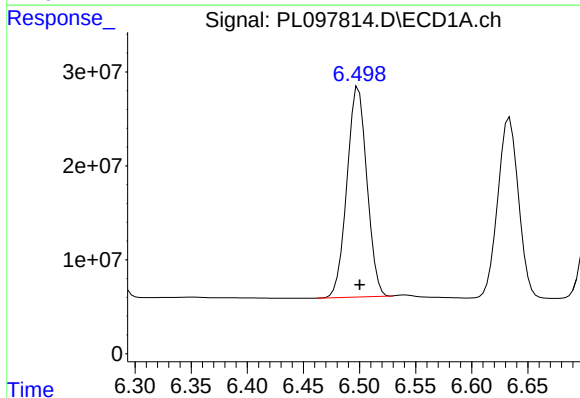
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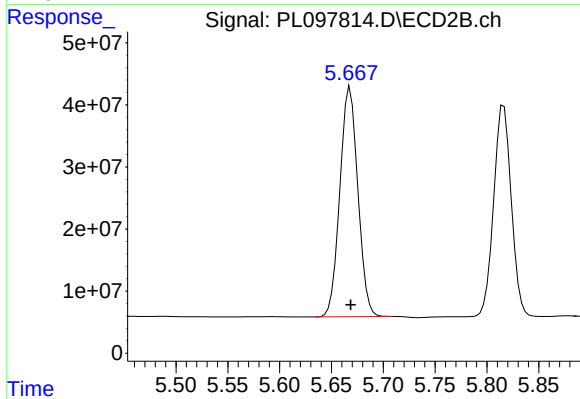
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 500674224
Conc: 53.43 ng/ml



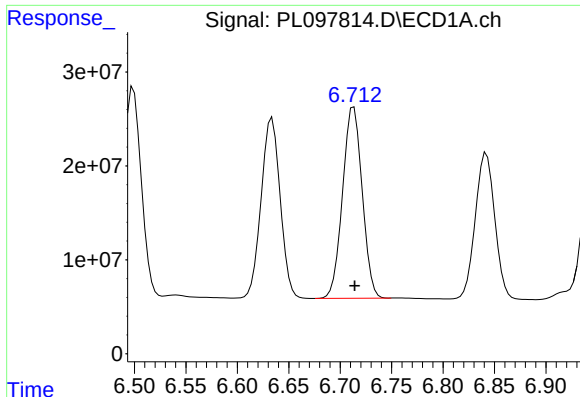
#14 Endrin

R.T.: 6.499 min
Delta R.T.: -0.001 min
Response: 276565546
Conc: 53.40 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 446974438
Conc: 53.49 ng/ml



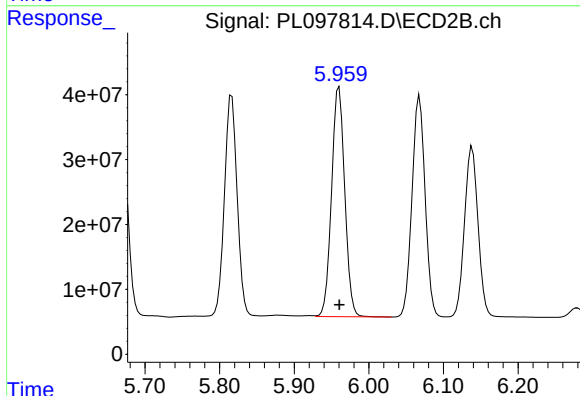
#15 Endosulfan II

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 270430192
Conc: 52.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

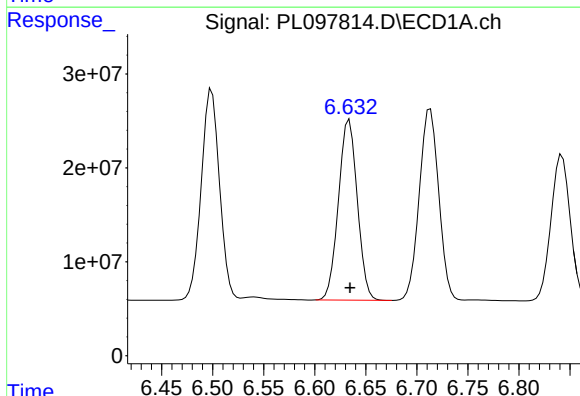
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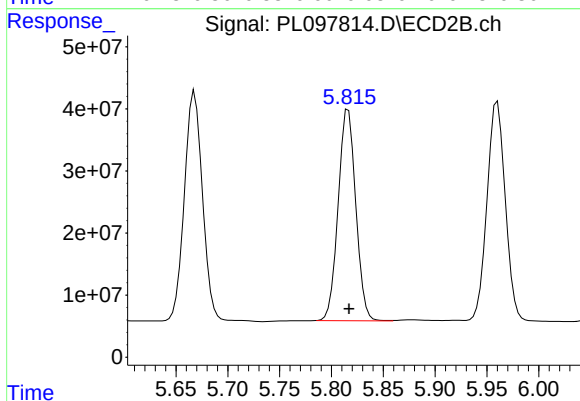
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 435861601
Conc: 52.66 ng/ml



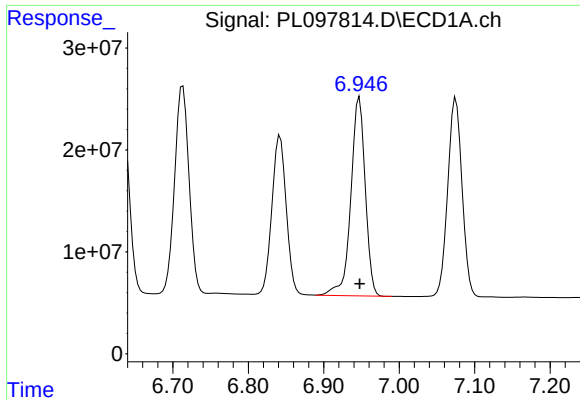
#16 4,4'-DDD

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 247659230
Conc: 53.47 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 403012281
Conc: 53.73 ng/ml



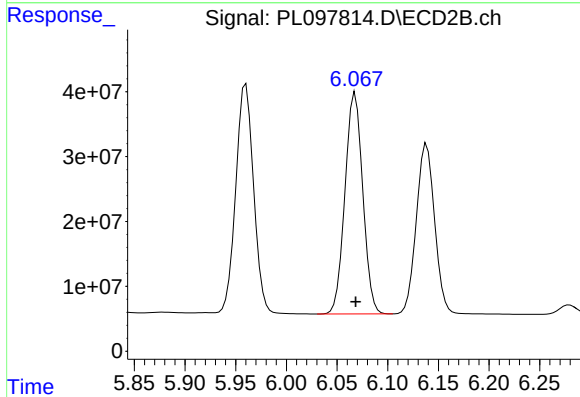
#17 4,4'-DDT

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 258724086
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

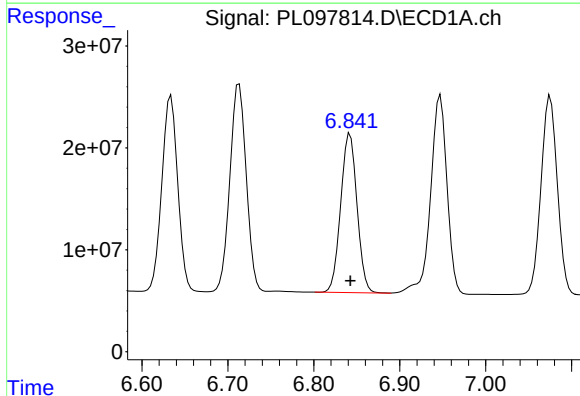
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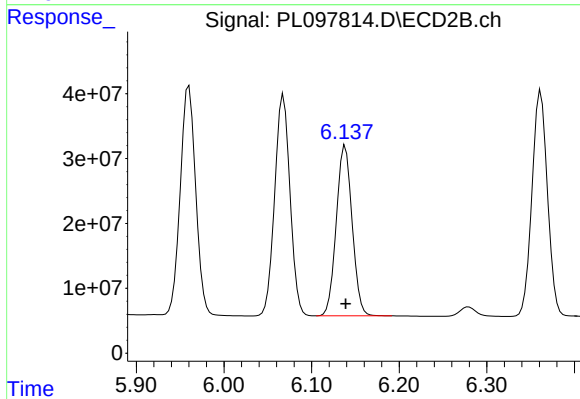
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 416116730
Conc: 54.25 ng/ml



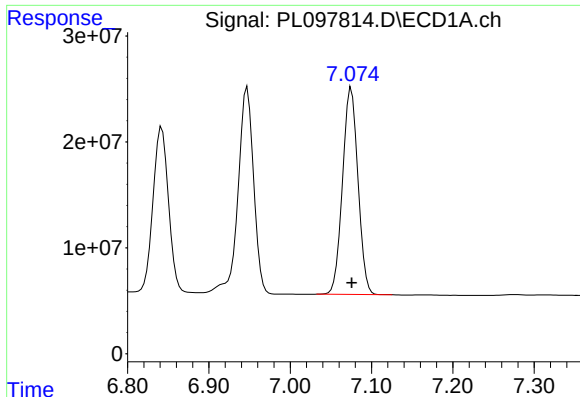
#18 Endrin aldehyde

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 206283173
Conc: 52.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 330250974
Conc: 51.72 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 257165481
Conc: 51.88 ng/ml

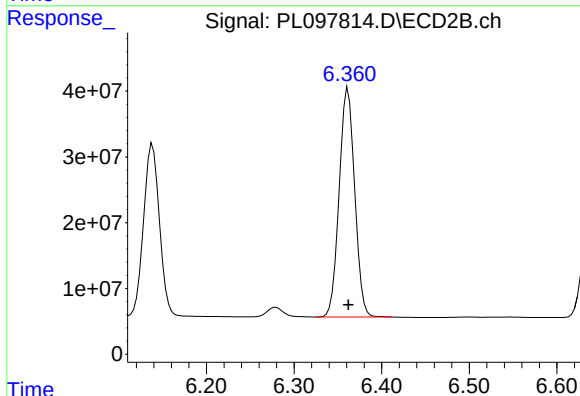
Instrument :

ECD_L

ClientSampleId :
ICVPL120925

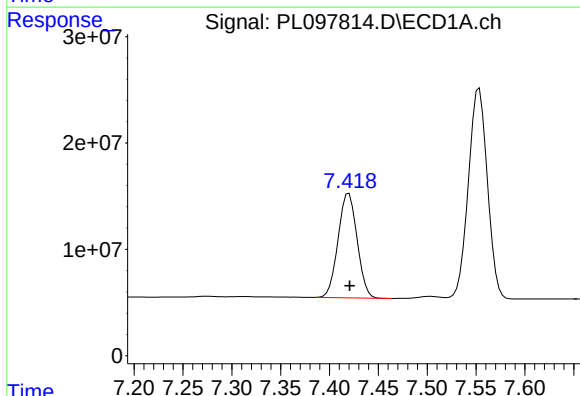
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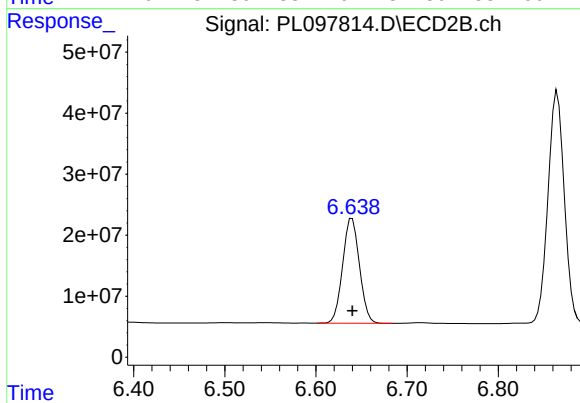
#19 Endosulfan Sulfate

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 428610885
Conc: 52.65 ng/ml



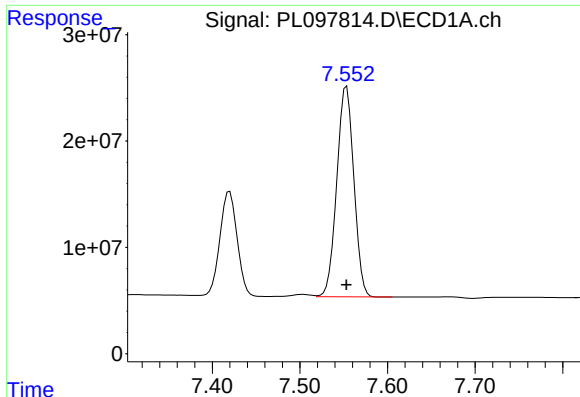
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 133252071
Conc: 52.94 ng/ml



#20 Methoxychlor

R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 220023054
Conc: 52.65 ng/ml



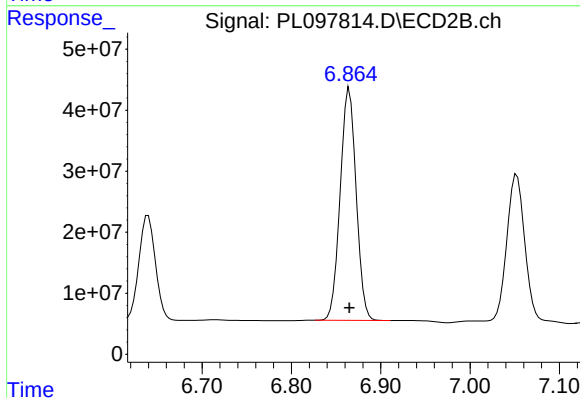
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 268179101
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

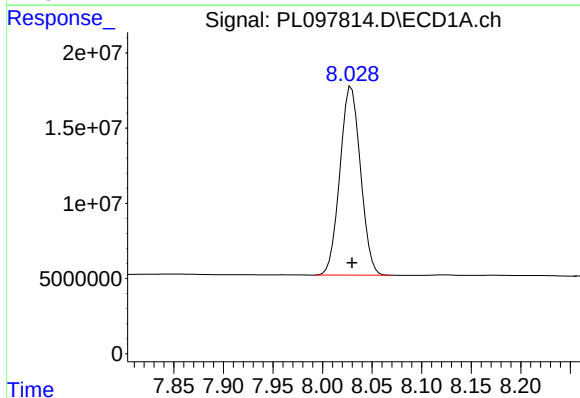
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Reviewed By :Abdul Mirza 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



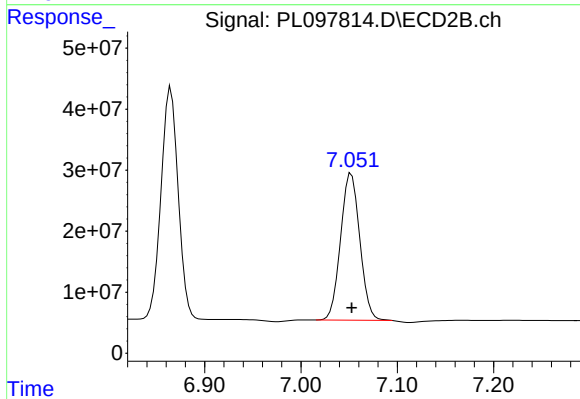
#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 472364365
Conc: 52.95 ng/ml



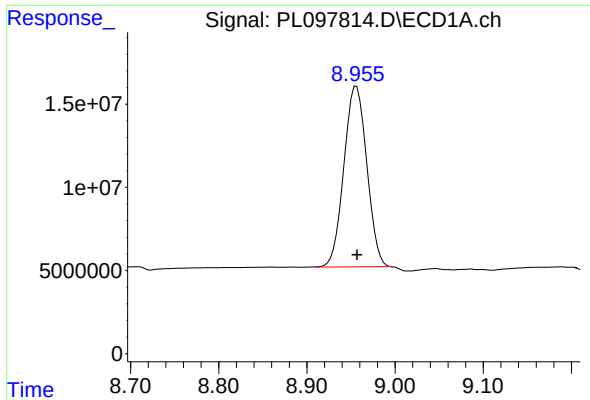
#22 Mirex

R.T.: 8.029 min
Delta R.T.: 0.000 min
Response: 181441802
Conc: 52.61 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 332968516
Conc: 51.58 ng/ml



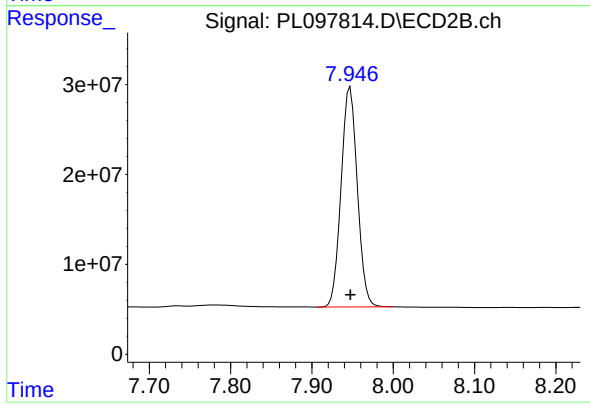
#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.002 min
Response: 196182621
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL120925

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 338768953
Conc: 51.52 ng/ml