

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
 Data File : PL095929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 18:00
 Operator : AR\AJ
 Sample : Q2194-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-12

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:44:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.571	2.885	43589377	49328642	13.815m	12.603
28) SA Decachlor...	9.098	8.060	32777569	59402455	13.910	13.579
Target Compounds						
2) A alpha-BHC	4.023	3.395	164.2E6	185.3E6	33.871	31.644
3) MA gamma-BHC...	4.355	3.729	145.7E6	171.3E6	32.586	30.578
4) MA Heptachlor	4.953	4.081	124.8E6	170.7E6	32.981	30.432
5) MB Aldrin	5.295	4.366	143.6E6	167.0E6	33.558	31.464
6) B beta-BHC	4.543	4.024	62725582	77540008	31.818	31.297
7) B delta-BHC	4.791	4.259	141.6E6	170.4E6	31.927	30.172
8) B Heptachlo...	5.716	4.868	133.5E6	160.8E6	34.977	32.575
9) A Endosulfan I	6.099	5.240	130.3E6	161.4E6	35.565	33.865
10) B gamma-Chl...	5.971	5.120	138.2E6	173.0E6	35.498	32.940
11) B alpha-Chl...	6.051	5.184	137.6E6	167.3E6	34.844	32.152
12) B 4,4'-DDE	6.222	5.371	129.7E6	174.9E6	35.359	32.615
13) MA Dieldrin	6.373	5.505	141.3E6	175.7E6	36.610	33.153
14) MA Endrin	6.599	5.779	113.8E6	165.2E6	35.278	33.873
15) B Endosulfa...	6.812	6.070	124.0E6	169.7E6	35.985	35.717
16) A 4,4'-DDD	6.732	5.923	113.2E6	155.1E6	38.630	35.360
17) MA 4,4'-DDT	7.047	6.176	96835934	151.1E6	35.797	31.604
18) B Endrin al...	6.942	6.248	94913041	129.7E6	39.259	37.547
19) B Endosulfa...	7.176	6.471	113.9E6	172.2E6	38.128	38.301
20) A Methoxychlor	7.519	6.746	48655297	88396615	38.151	33.789
21) B Endrin ke...	7.656	6.976	128.6E6	203.5E6	40.622	39.338
22) Mirex	8.138	7.170	96780517	158.4E6	41.828	39.013

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
Data File : PL095929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 18:00
Operator : AR\AJ
Sample : Q2194-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

COMP-12

Manual Integrations

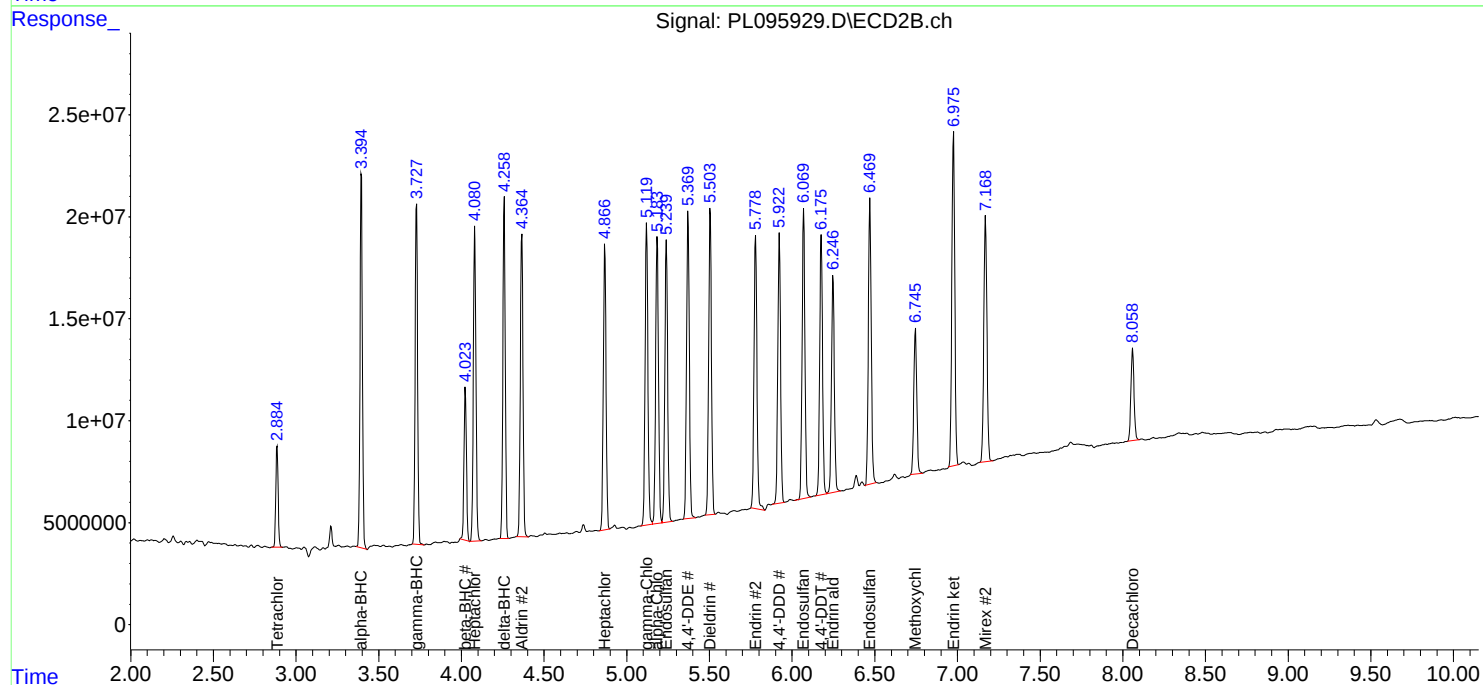
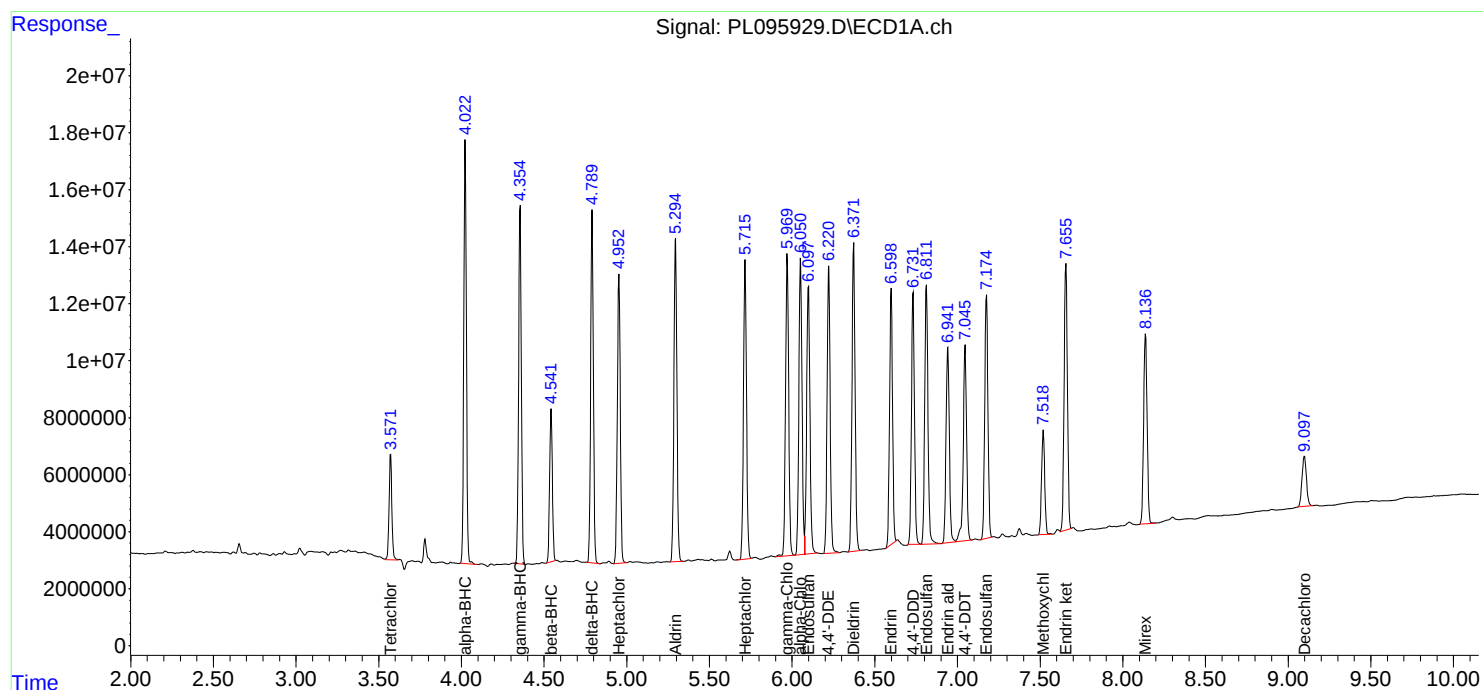
APPROVED

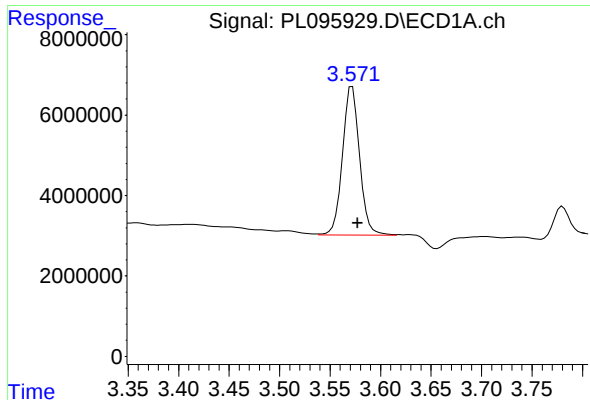
Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 01:44:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





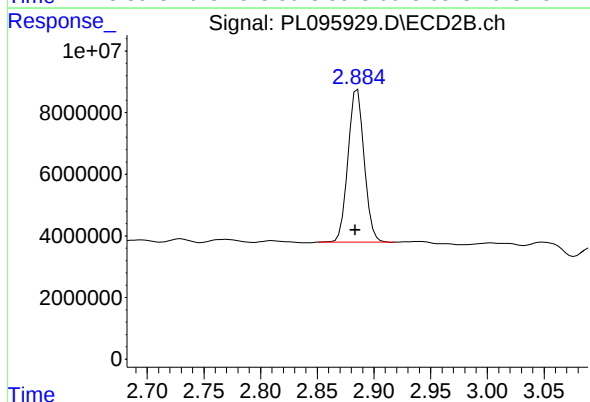
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 43589377
Conc: 13.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

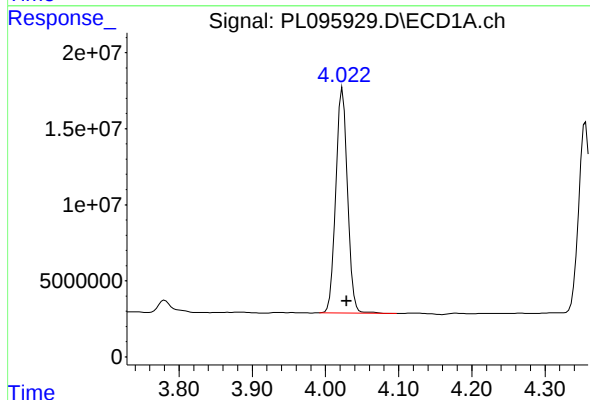
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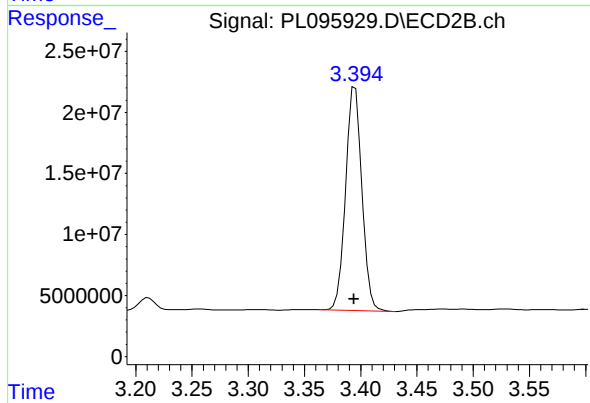
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 49328642
Conc: 12.60 ng/ml



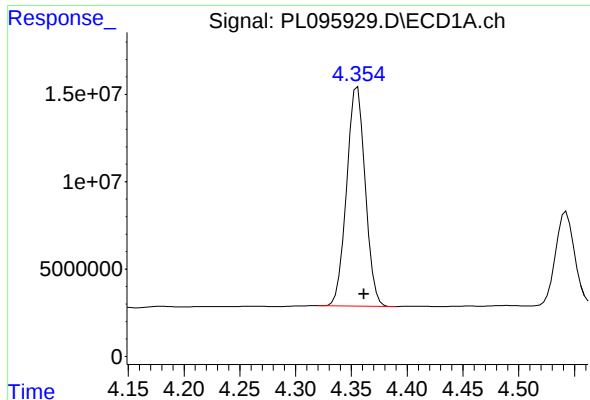
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 164202865
Conc: 33.87 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 185349392
Conc: 31.64 ng/ml



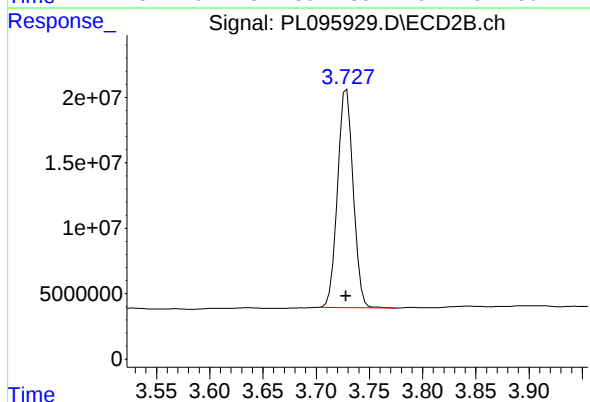
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 145720560
Conc: 32.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

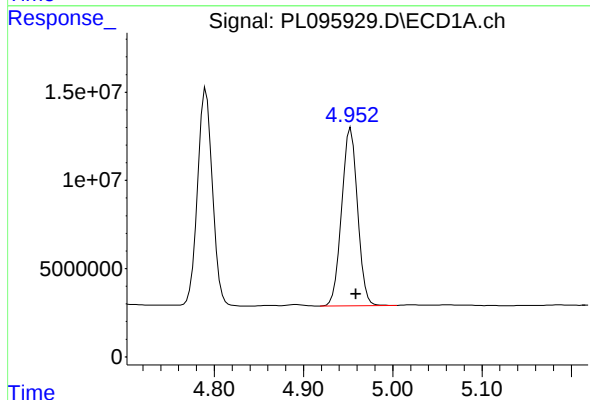
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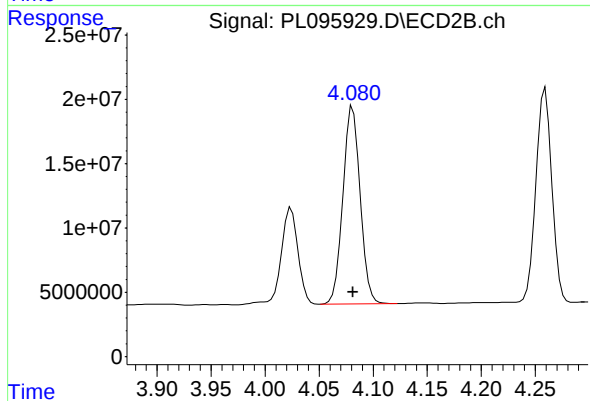
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 171272626
Conc: 30.58 ng/ml



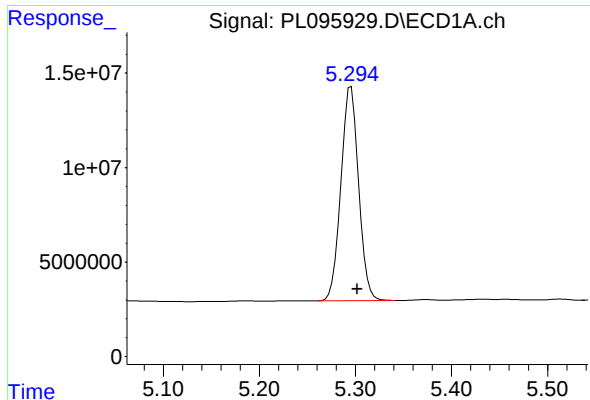
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 124832739
Conc: 32.98 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 170696319
Conc: 30.43 ng/ml



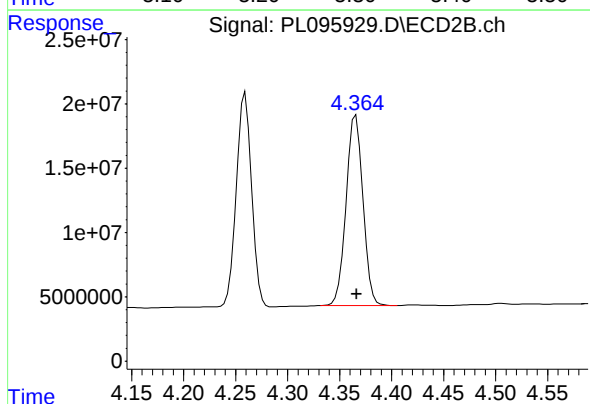
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.006 min
Response: 143551082
Conc: 33.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

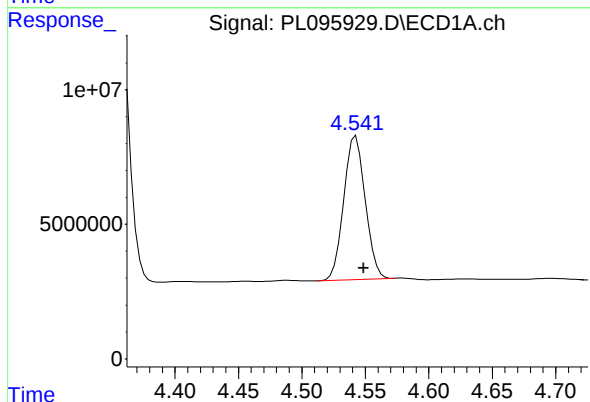
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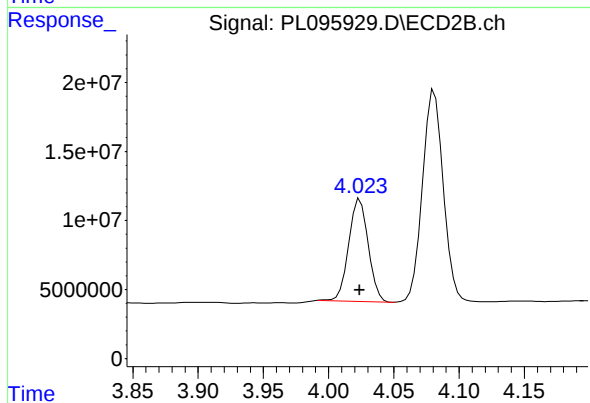
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 166981332
Conc: 31.46 ng/ml



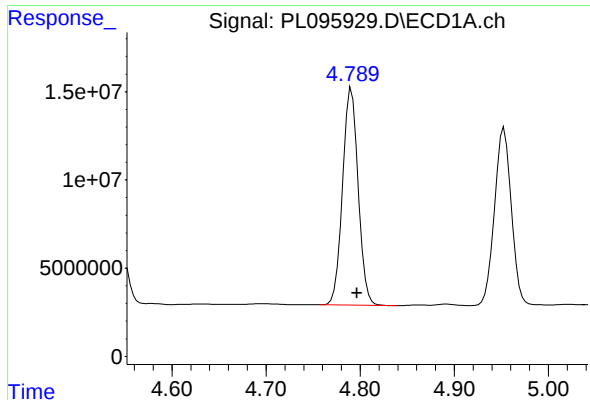
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 62725582
Conc: 31.82 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 77540008
Conc: 31.30 ng/ml



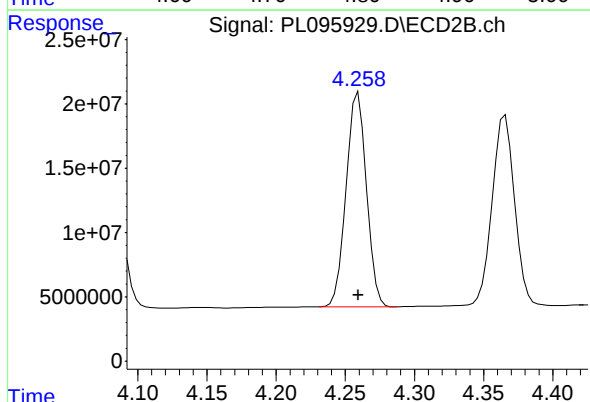
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 141551836
Conc: 31.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

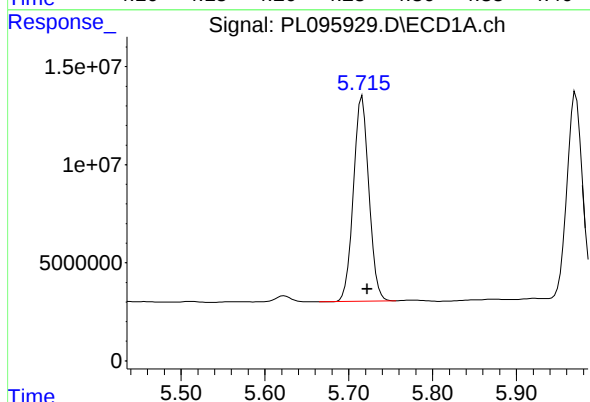
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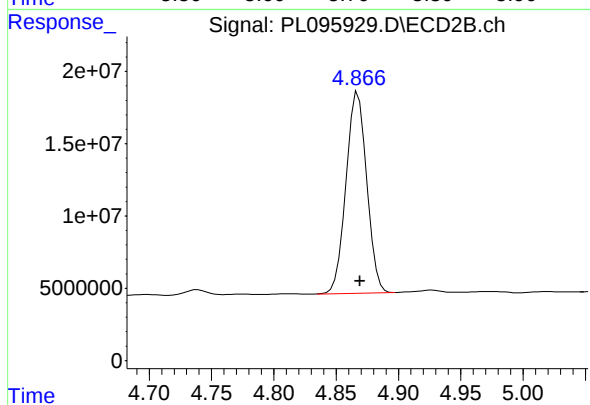
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 170390391
Conc: 30.17 ng/ml



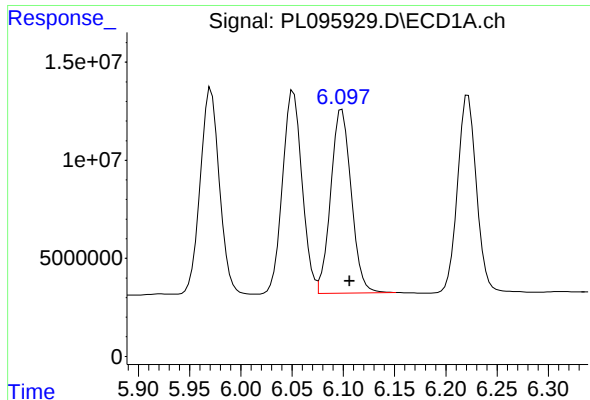
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 133503054
Conc: 34.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 160835587
Conc: 32.57 ng/ml



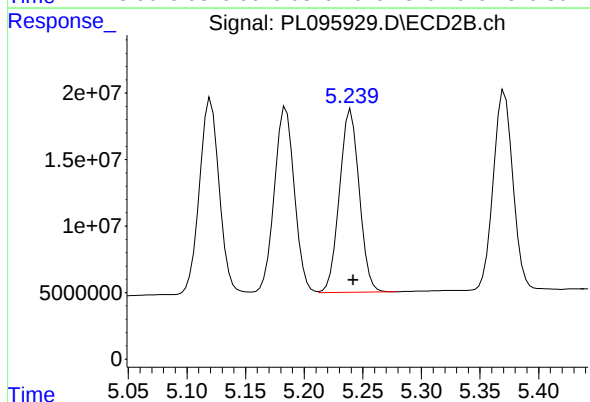
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 130340152
Conc: 35.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

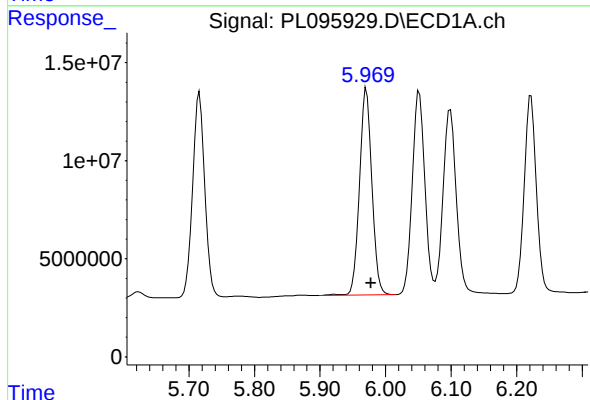
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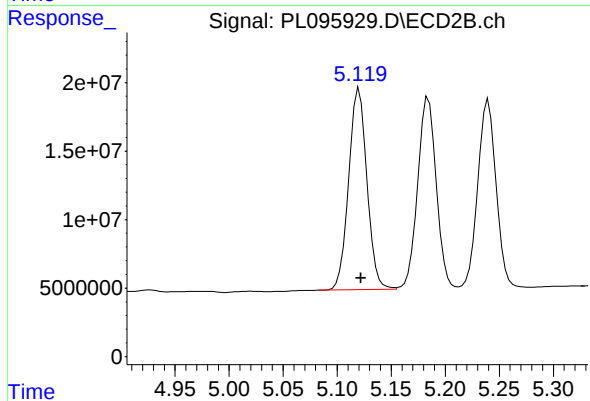
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 161363749
Conc: 33.86 ng/ml



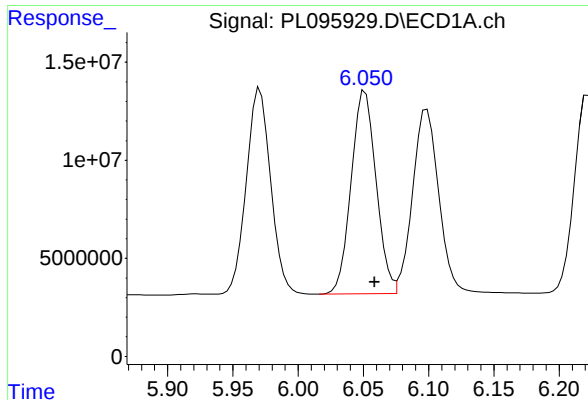
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.007 min
Response: 138160967
Conc: 35.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 173022554
Conc: 32.94 ng/ml



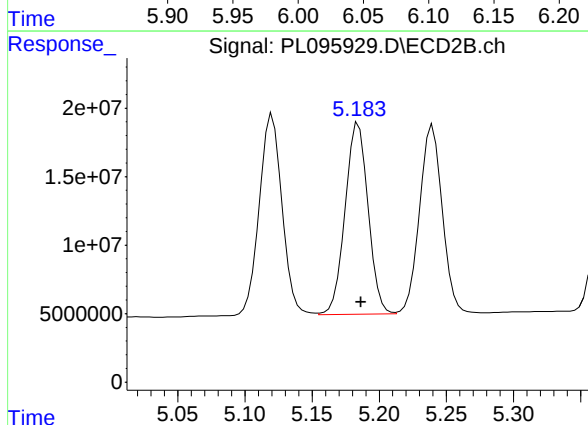
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: -0.007 min
Response: 137570672
Conc: 34.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

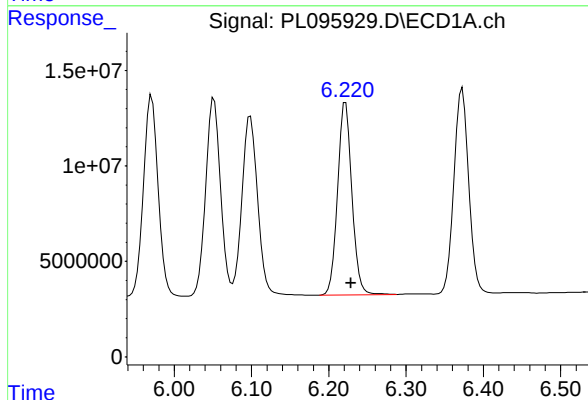
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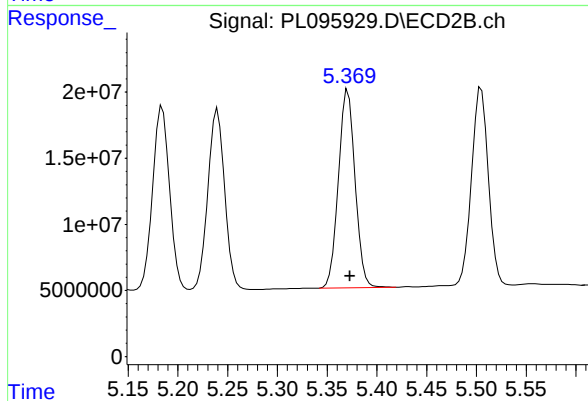
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 167278191
Conc: 32.15 ng/ml



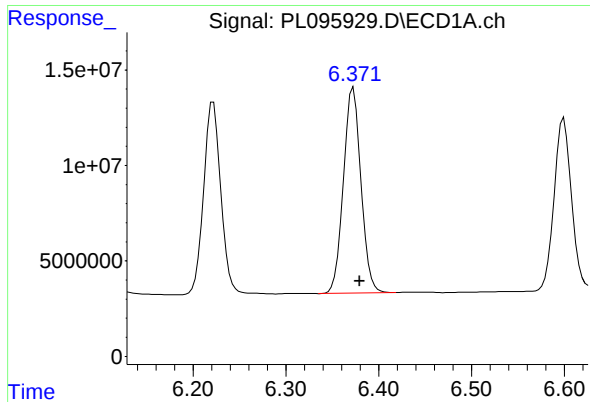
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 129692552
Conc: 35.36 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 174886277
Conc: 32.61 ng/ml



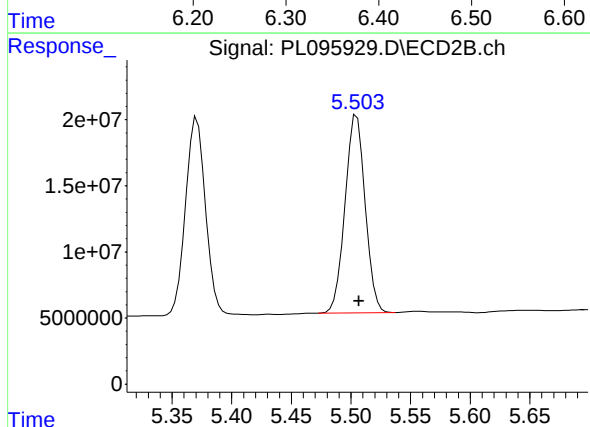
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 141284972
Conc: 36.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

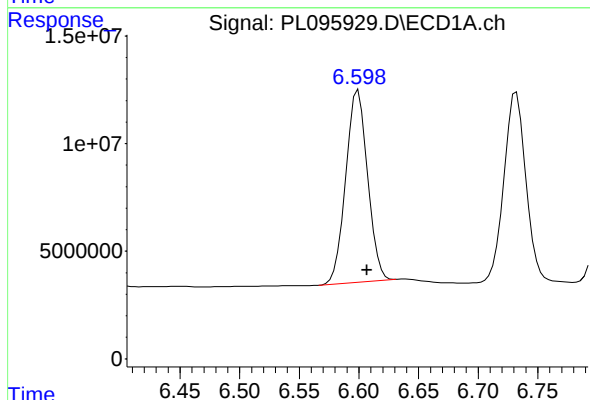
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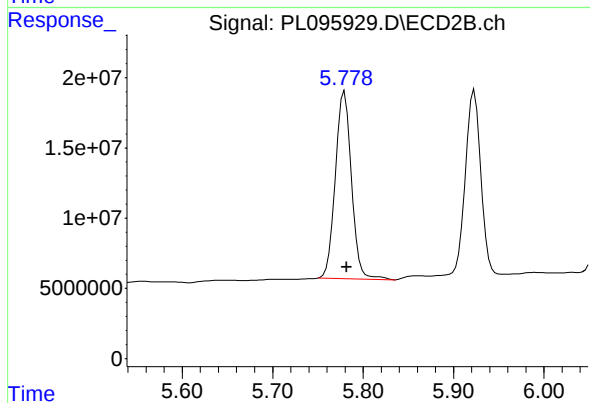
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 175714870
Conc: 33.15 ng/ml



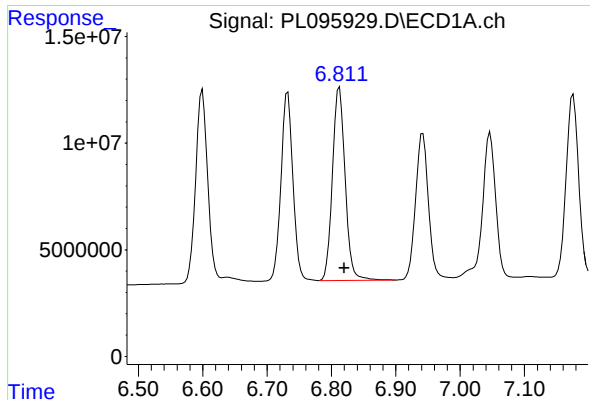
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 113834797
Conc: 35.28 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 165170178
Conc: 33.87 ng/ml



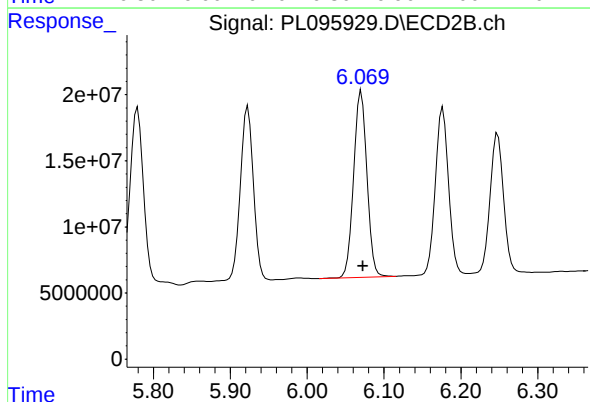
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 124006031
Conc: 35.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

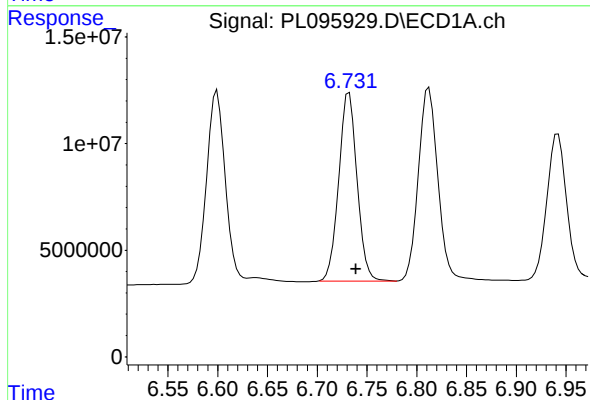
Manual Integrations
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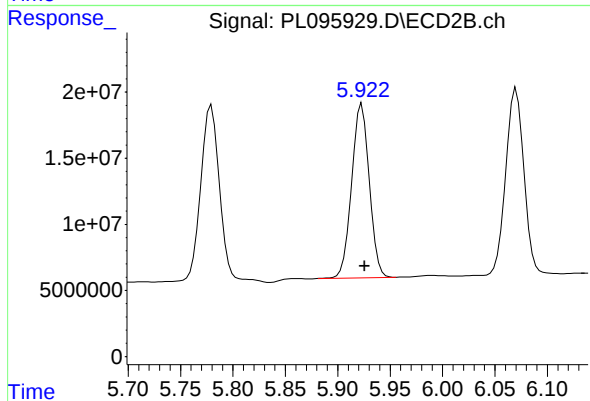
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 169717353
Conc: 35.72 ng/ml



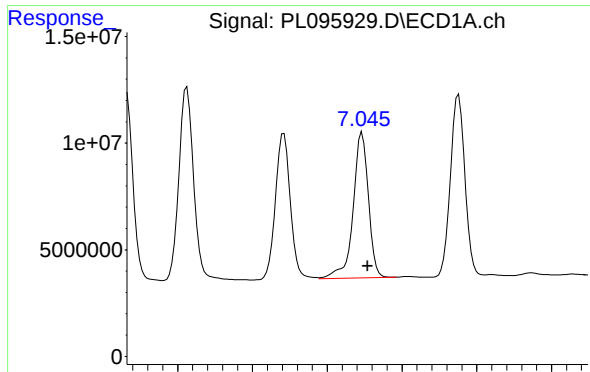
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 113210312
Conc: 38.63 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 155052614
Conc: 35.36 ng/ml



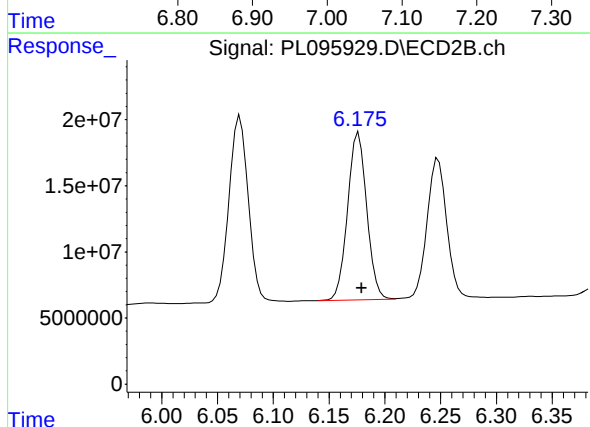
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 96835934
Conc: 35.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

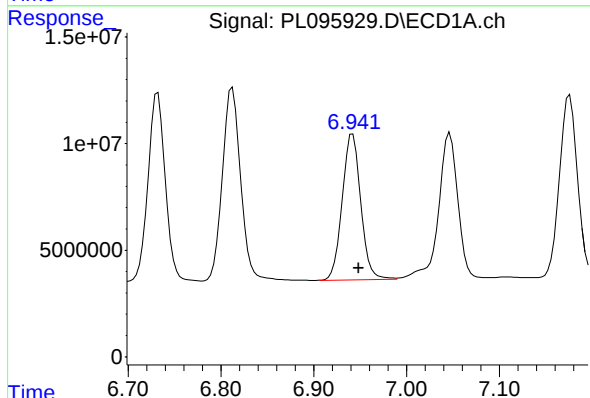
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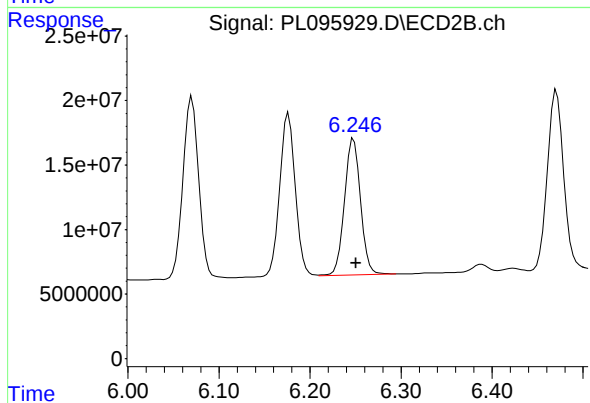
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 151148785
Conc: 31.60 ng/ml



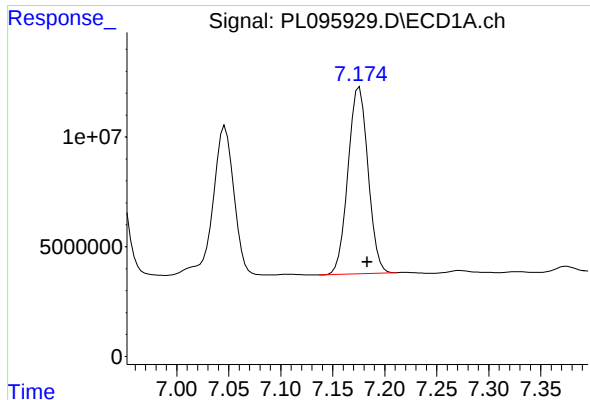
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.007 min
Response: 94913041
Conc: 39.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 129697425
Conc: 37.55 ng/ml



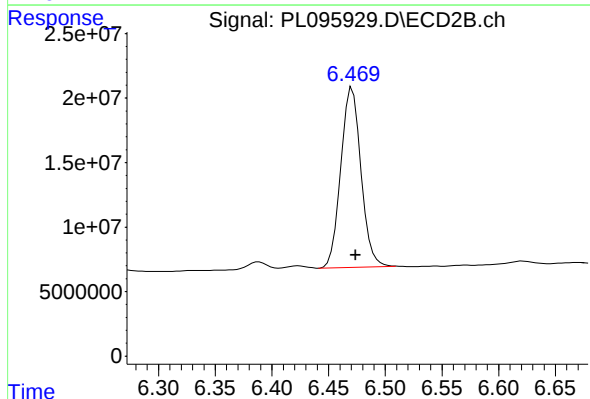
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.008 min
Response: 113886739
Conc: 38.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

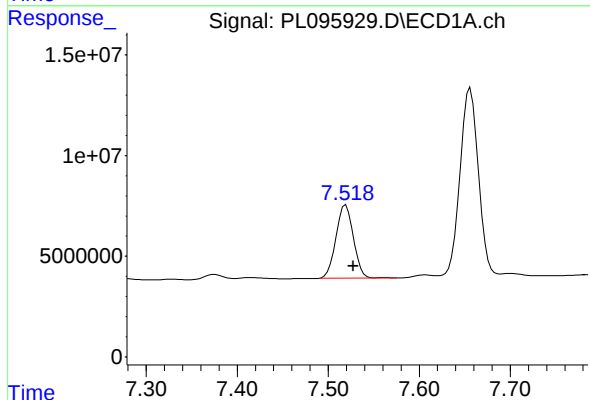
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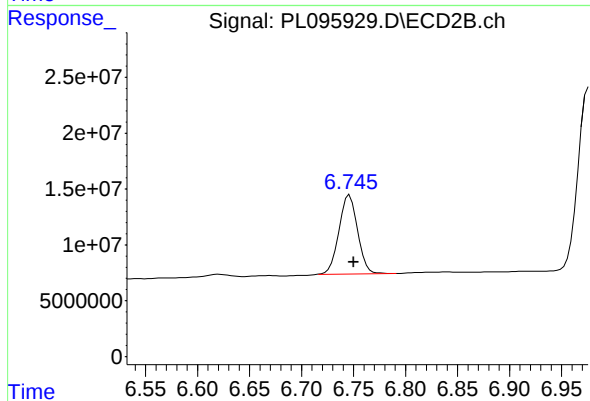
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 172154185
Conc: 38.30 ng/ml



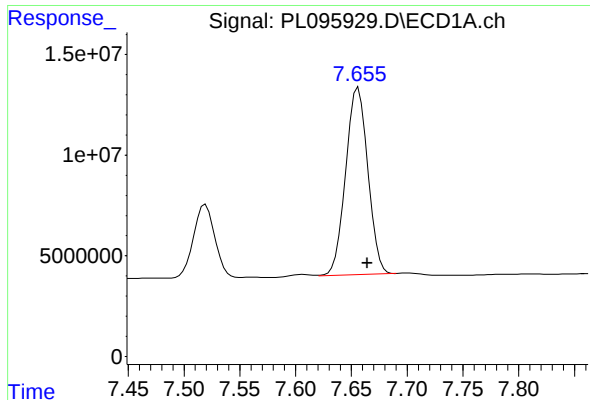
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.008 min
Response: 48655297
Conc: 38.15 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 88396615
Conc: 33.79 ng/ml



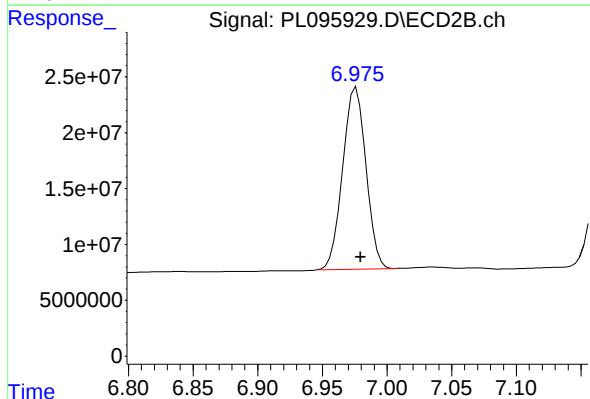
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.008 min
Response: 128647130
Conc: 40.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

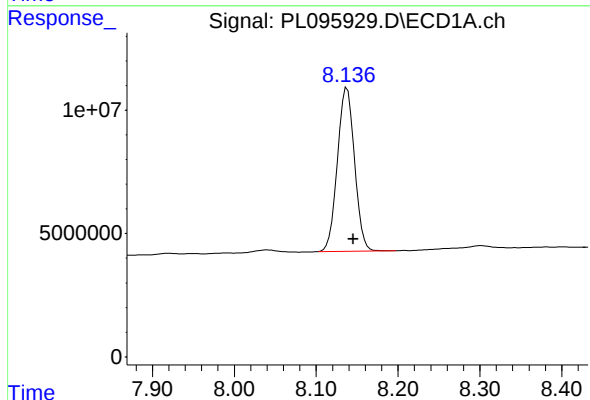
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



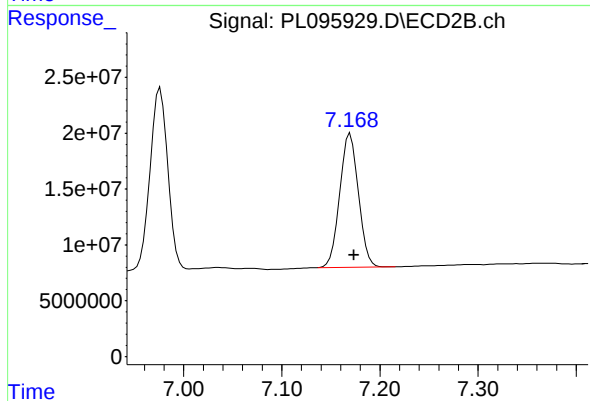
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 203529180
Conc: 39.34 ng/ml



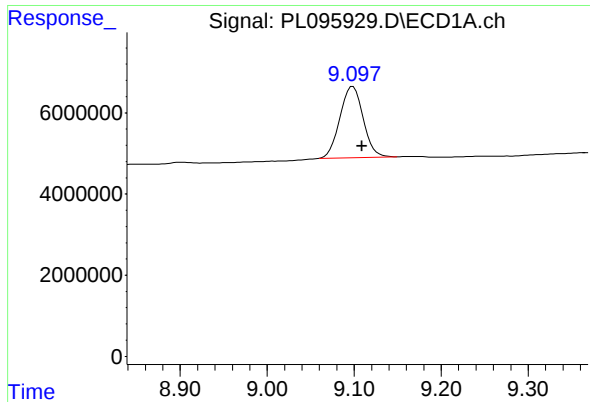
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.008 min
Response: 96780517
Conc: 41.83 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 158412468
Conc: 39.01 ng/ml



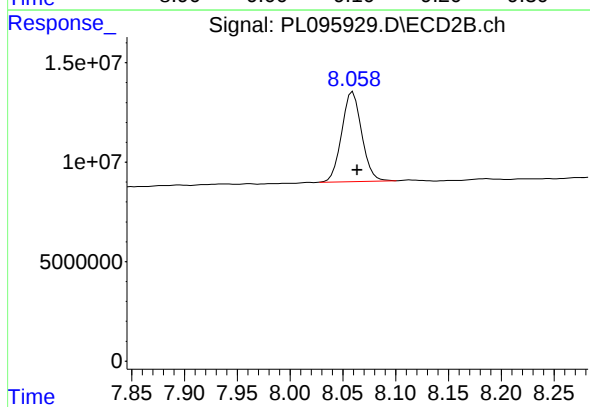
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.010 min
Response: 32777569
Conc: 13.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-12

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 59402455
Conc: 13.58 ng/ml