

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
 Data File : PL095369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 14:49
 Operator : AR\AJ
 Sample : Q1867-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ211MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/25/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 02:29:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.595	2.905	54158633	53472174	16.589	16.816m
28) SA Decachlor...	9.121	8.086	45906711	43181447	16.568	14.592
Target Compounds						
2) A alpha-BHC	4.046	3.416	232.5E6	194.4E6	46.925	43.697
3) MA gamma-BHC...	4.376	3.747	229.5E6	186.2E6	48.477m	42.326m
4) MA Heptachlor	4.975	4.103	209.6E6	181.2E6	45.812	41.584
5) MB Aldrin	5.316	4.387	223.2E6	172.0E6	48.605m	41.795m
6) B beta-BHC	4.564	4.042	59024034	88129038	28.548	42.454 #
7) B delta-BHC	4.810	4.278	212.1E6	187.2E6	45.602m	42.730
8) B Heptachlo...	5.738	4.891	193.3E6	168.5E6	48.266	43.626
9) A Endosulfan I	6.120	5.265	172.0E6	155.9E6	45.298m	42.598
10) B gamma-Chl...	5.992	5.143	224.9E6	178.2E6	55.135	43.977m
11) B alpha-Chl...	6.071	5.208	188.8E6	191.1E6	46.429m	48.012
12) B 4,4'-DDE	6.243	5.395	164.3E6	189.8E6	41.905	46.661
13) MA Dieldrin	6.395	5.528	177.9E6	175.0E6	46.147	43.020m
14) MA Endrin	6.622	5.804	144.6E6	177.6E6	45.399	48.784m
15) B Endosulfa...	6.834	6.094	146.5E6	158.1E6	45.882	44.014
16) A 4,4'-DDD	6.751	5.947	151.2E6	144.9E6	53.418	44.349
17) MA 4,4'-DDT	7.067	6.200	197.6E6	208.8E6	69.364	60.763
18) B Endrin al...	6.963	6.273	106.7E6	113.8E6	45.971	43.534
19) B Endosulfa...	7.196	6.496	125.6E6	127.2E6	44.813	38.345
20) A Methoxychlor	7.536	6.770	56104815	76105132	40.215m	39.899m
21) B Endrin ke...	7.676	6.999	144.9E6	140.9E6	50.825m	40.017m
22) Mirex	8.158	7.199	128.2E6	114.8E6	53.943m	39.829 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
Data File : PL095369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 14:49
Operator : AR\AJ
Sample : Q1867-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

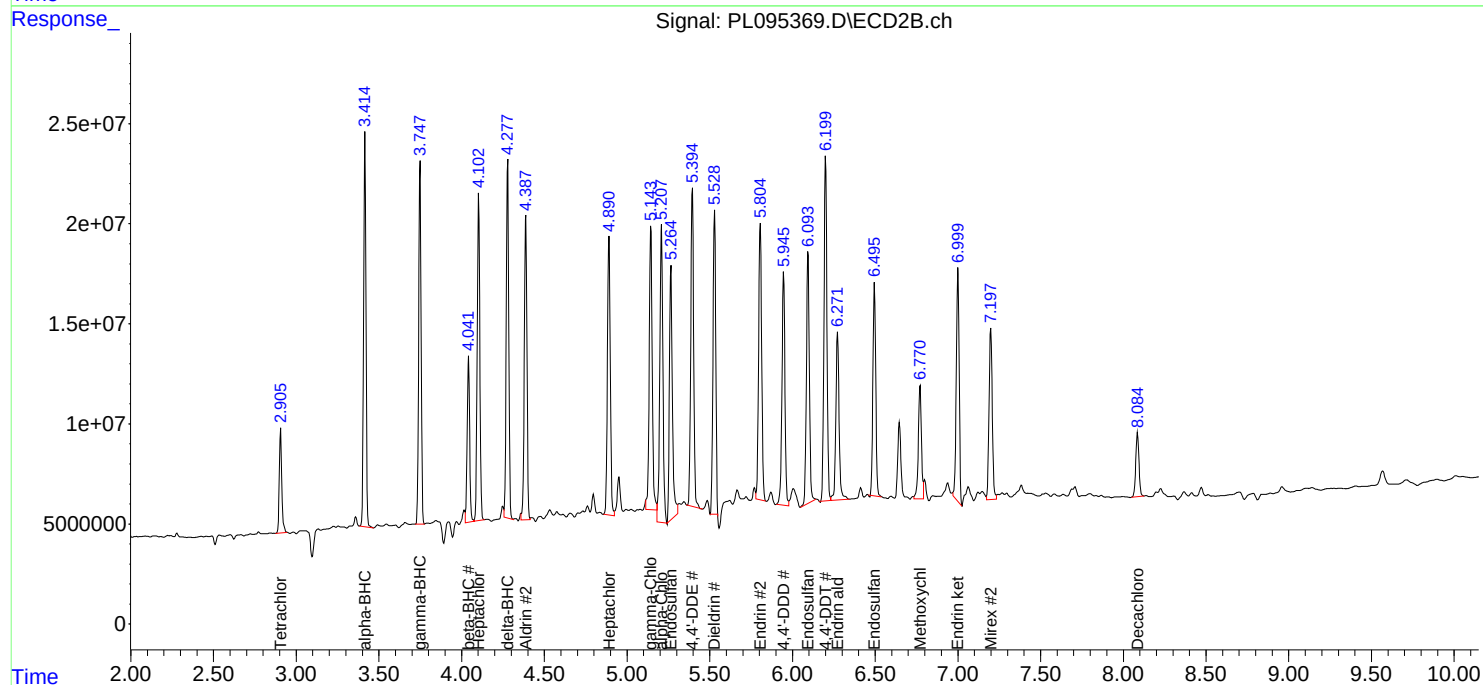
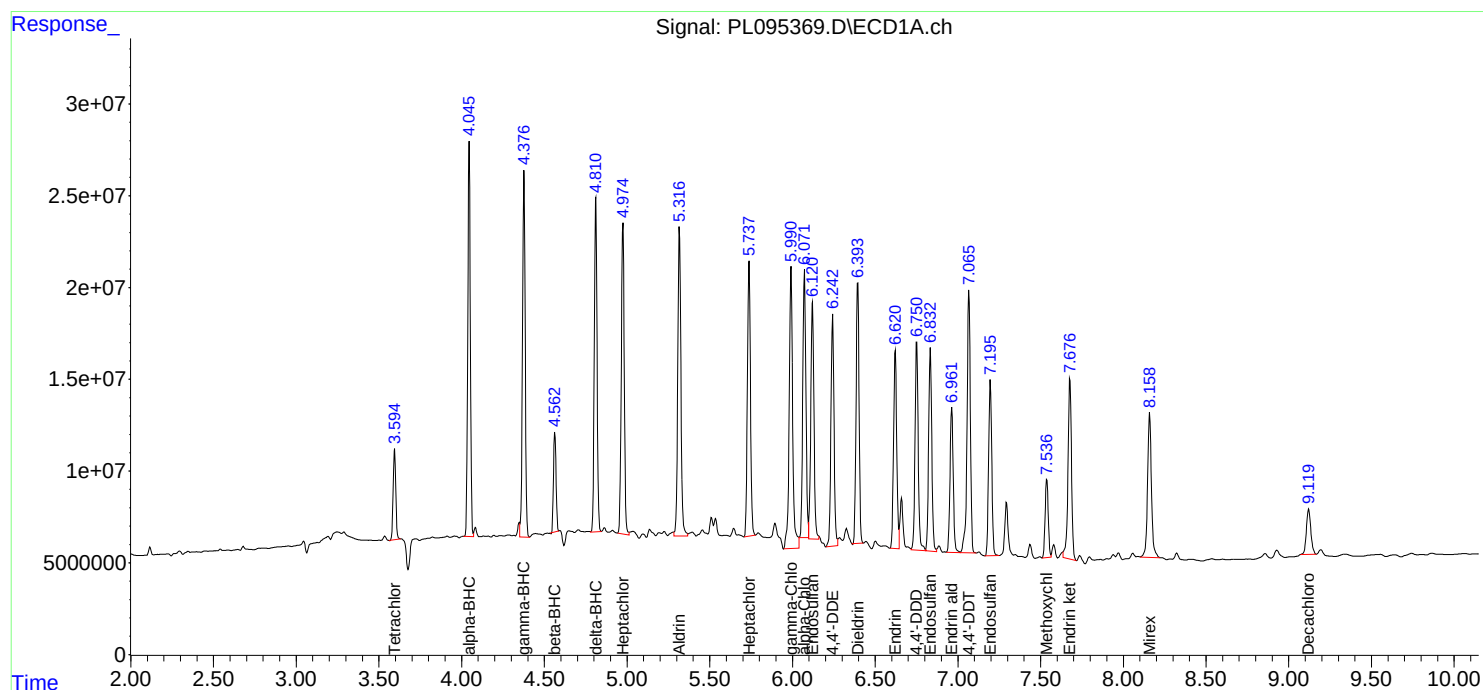
Instrument :
ECD_L
ClientSampleId :
VNJ211MS

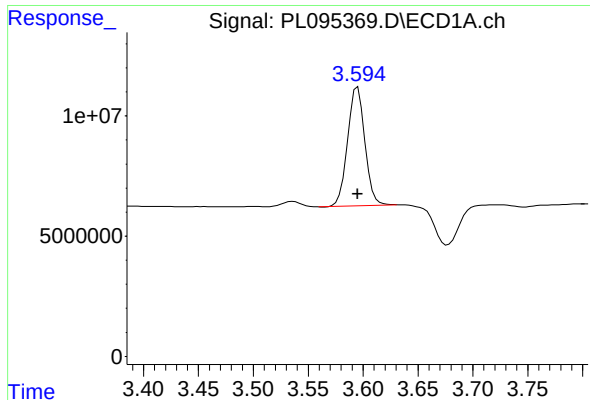
Manual Integrations
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Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:29:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





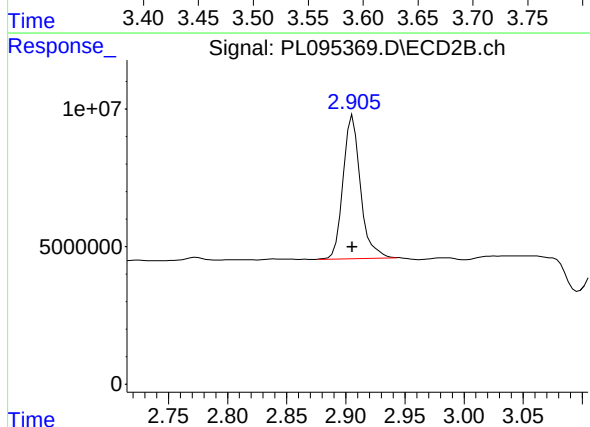
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 54158633
Conc: 16.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

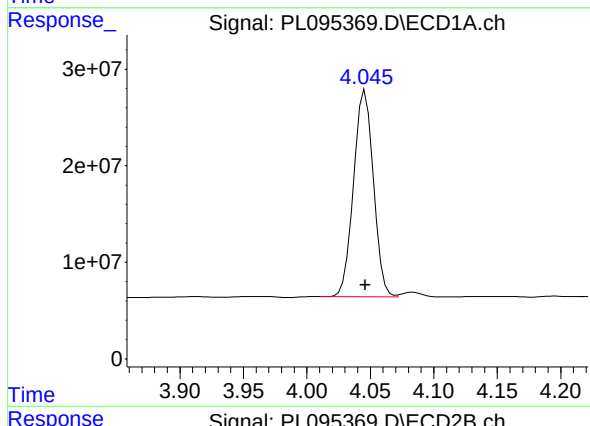
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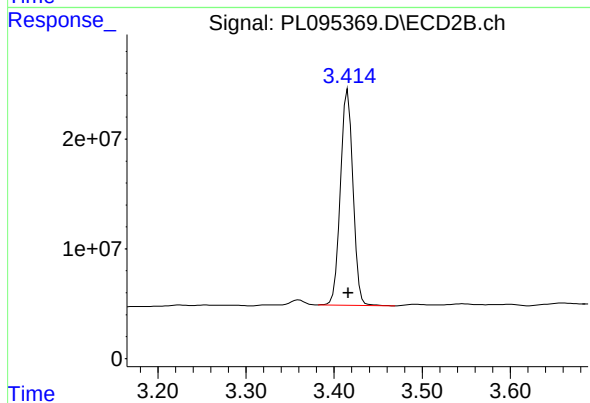
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.001 min
Response: 53472174
Conc: 16.82 ng/ml



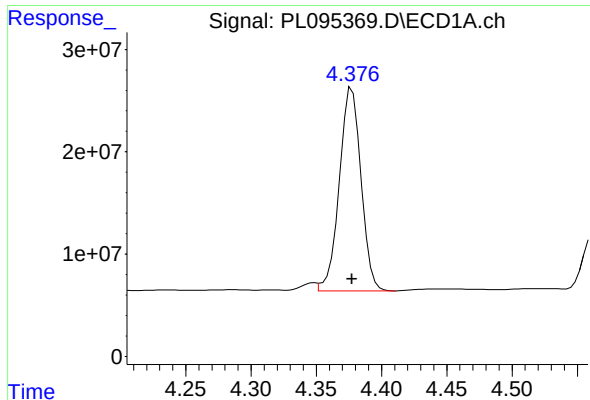
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 232455971
Conc: 46.93 ng/ml



#2 alpha-BHC

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 194397697
Conc: 43.70 ng/ml



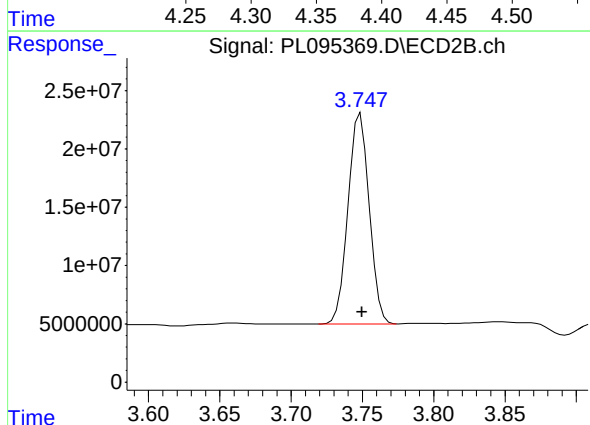
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 229487443
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

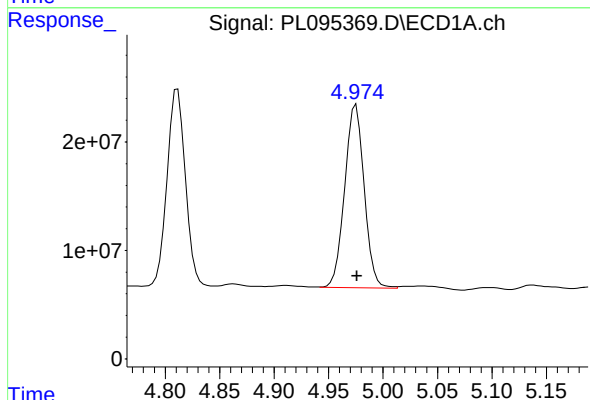
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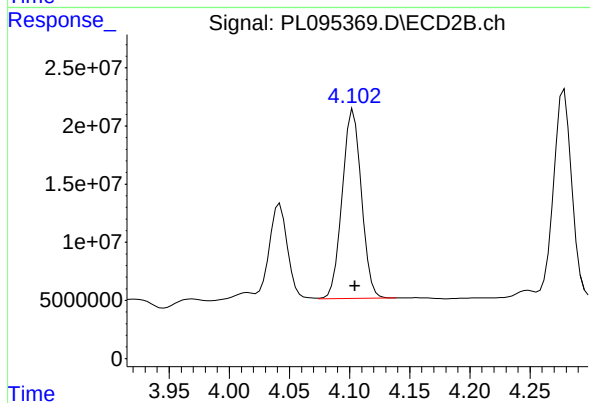
#3 gamma-BHC (Lindane)

R.T.: 3.747 min
Delta R.T.: -0.002 min
Response: 186158817
Conc: 42.33 ng/ml



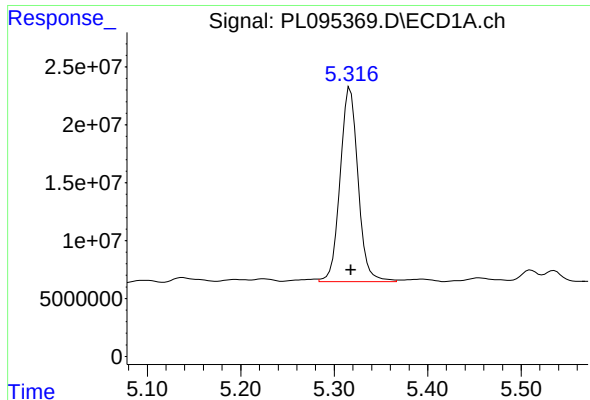
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 209564442
Conc: 45.81 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.001 min
Response: 181168824
Conc: 41.58 ng/ml



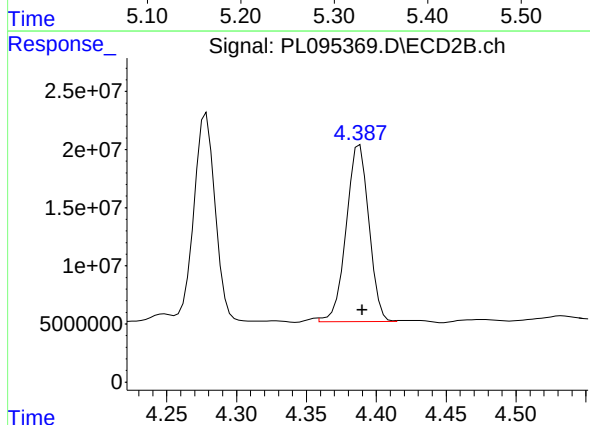
#5 Aldrin

R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 223242873
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

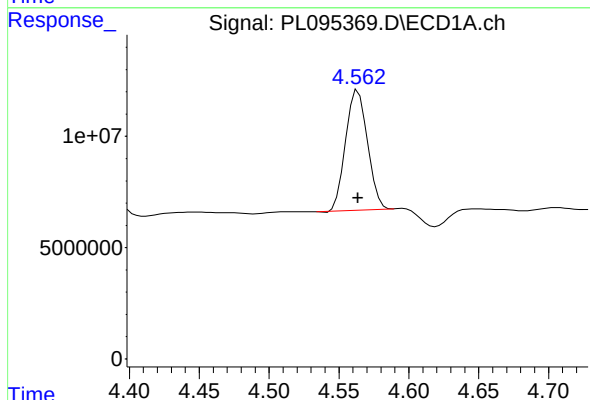
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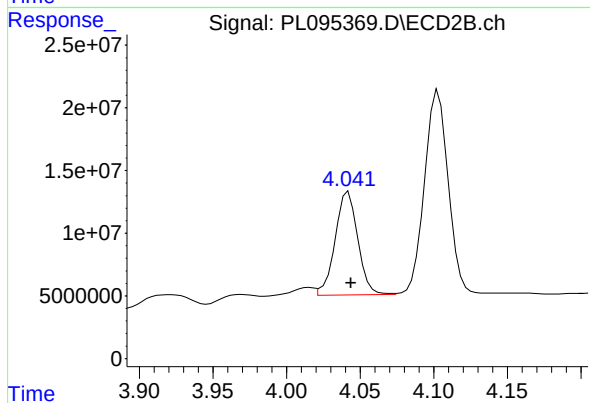
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 172013580
Conc: 41.79 ng/ml



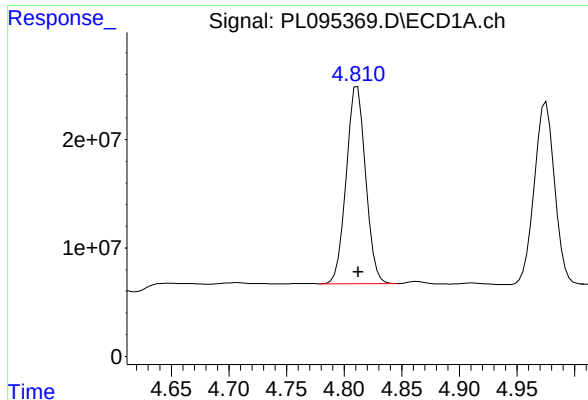
#6 beta-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 59024034
Conc: 28.55 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 88129038
Conc: 42.45 ng/ml



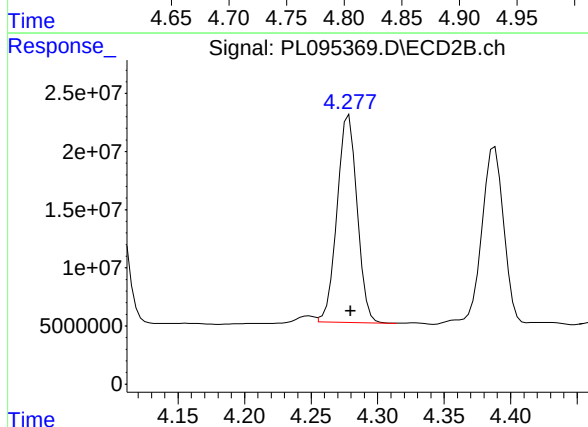
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 212082467
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

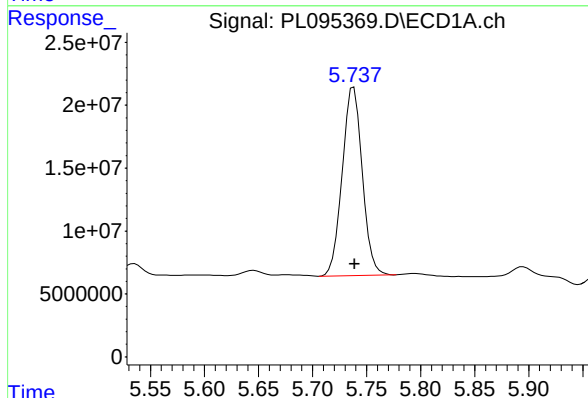
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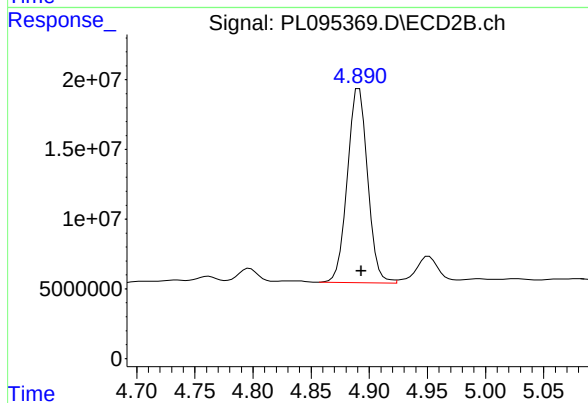
#7 delta-BHC

R.T.: 4.278 min
Delta R.T.: -0.001 min
Response: 187240779
Conc: 42.73 ng/ml



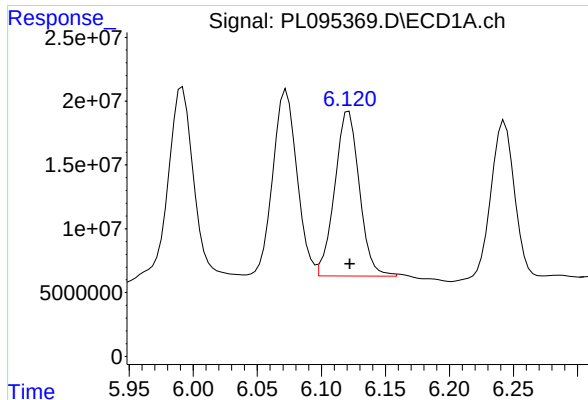
#8 Heptachlor epoxide

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 193311167
Conc: 48.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 168512303
Conc: 43.63 ng/ml



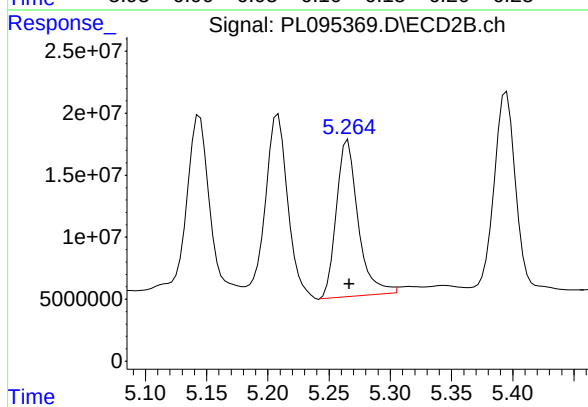
#9 Endosulfan I

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 172020234
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

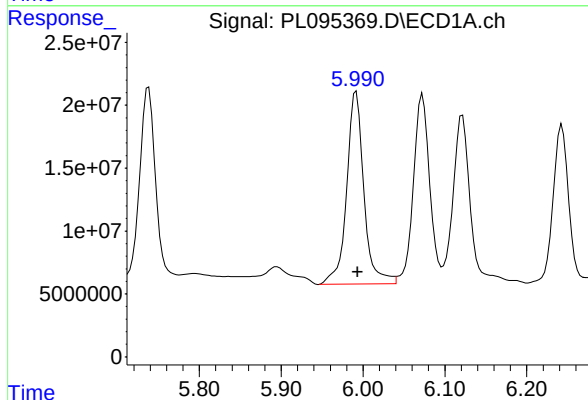
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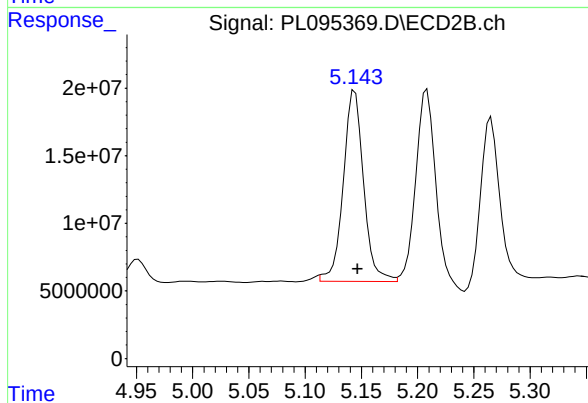
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 155927204
Conc: 42.60 ng/ml



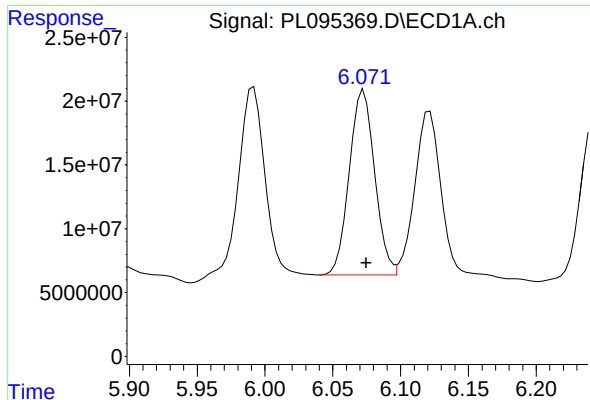
#10 gamma-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 224913152
Conc: 55.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 178225693
Conc: 43.98 ng/ml m



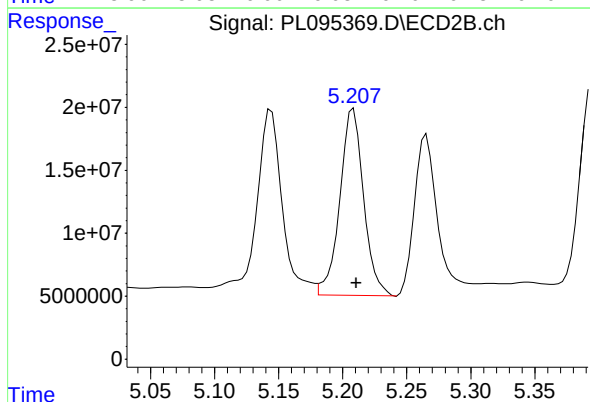
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 188784743
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

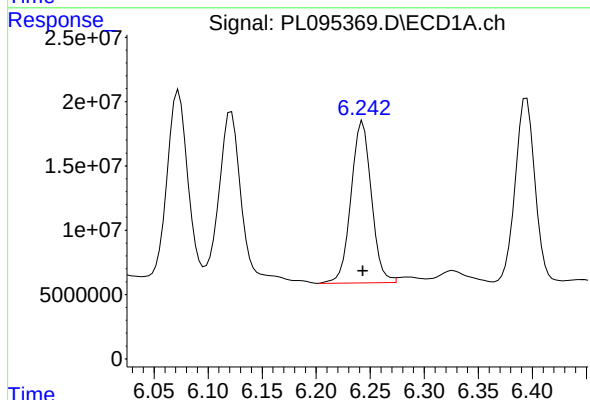
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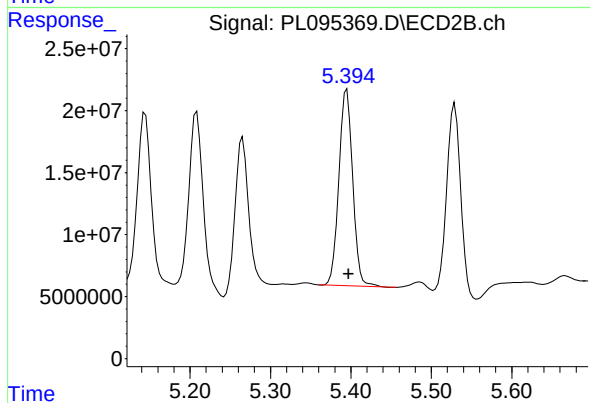
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 191139414
Conc: 48.01 ng/ml



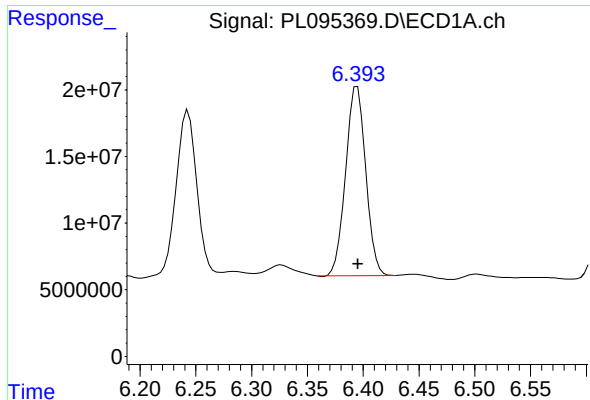
#12 4,4'-DDE

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 164290798
Conc: 41.91 ng/ml



#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 189768521
Conc: 46.66 ng/ml



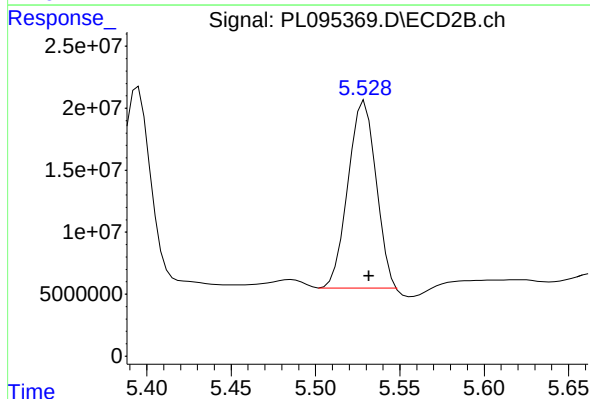
#13 Dieldrin

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 177887391
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

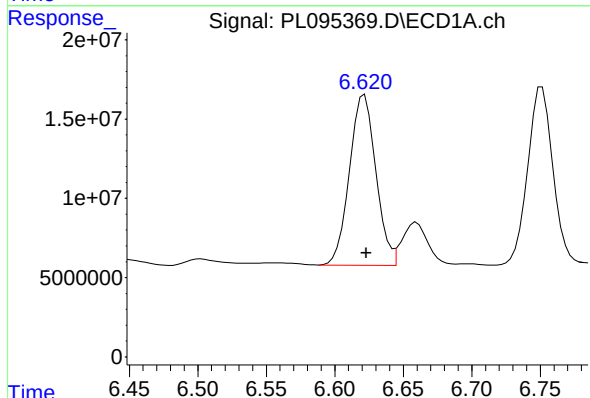
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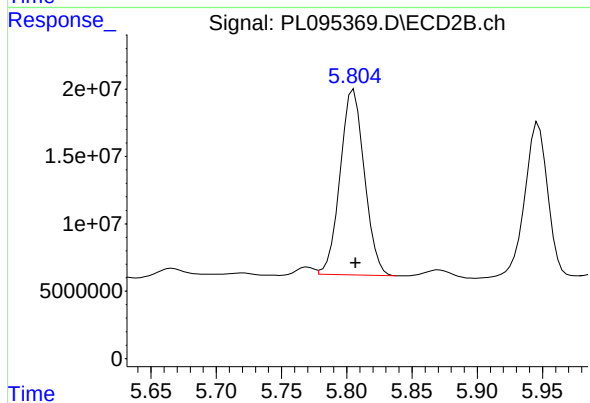
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 174965822
Conc: 43.02 ng/ml



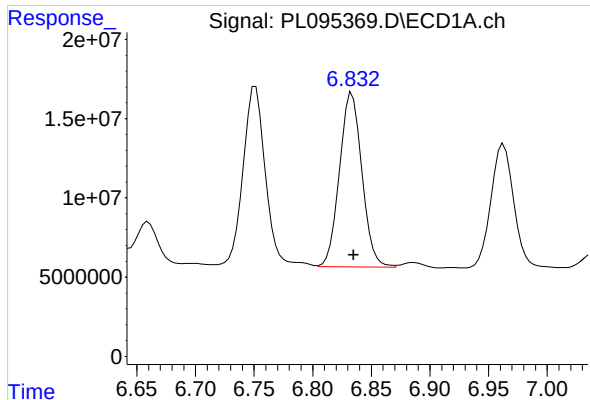
#14 Endrin

R.T.: 6.622 min
Delta R.T.: -0.001 min
Response: 144585796
Conc: 45.40 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 177609143
Conc: 48.78 ng/ml



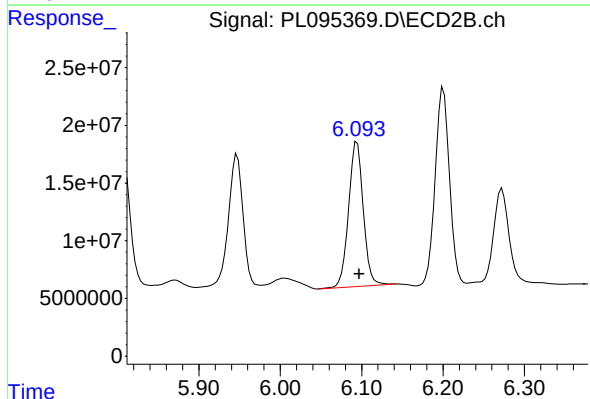
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: -0.001 min
Response: 146462210
Conc: 45.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

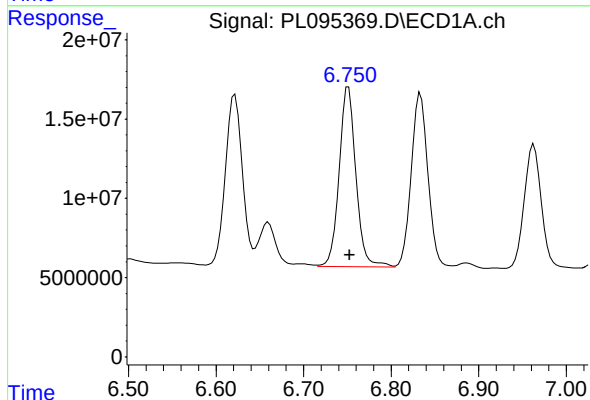
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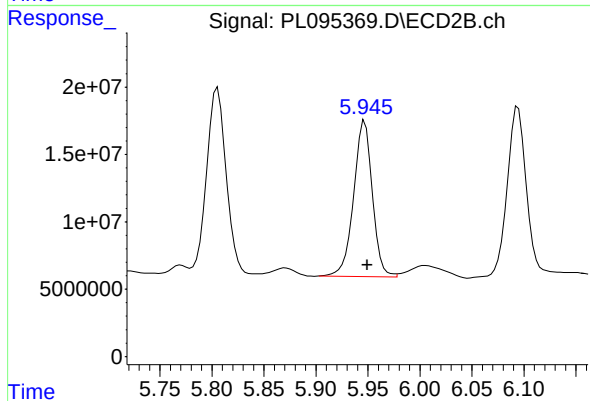
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 158058080
Conc: 44.01 ng/ml



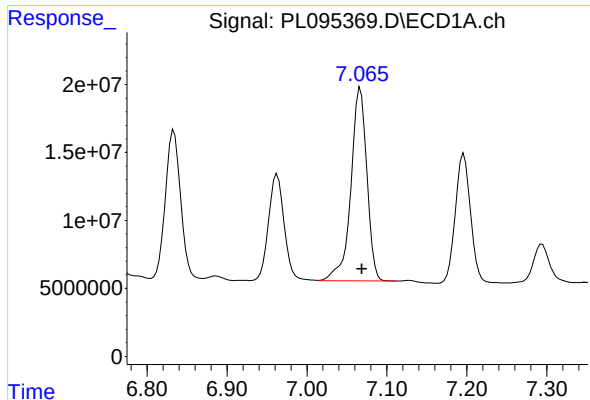
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 151223687
Conc: 53.42 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 144878294
Conc: 44.35 ng/ml



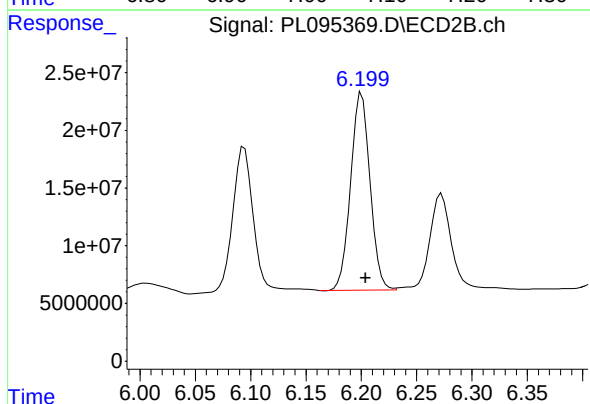
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 197590147
Conc: 69.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

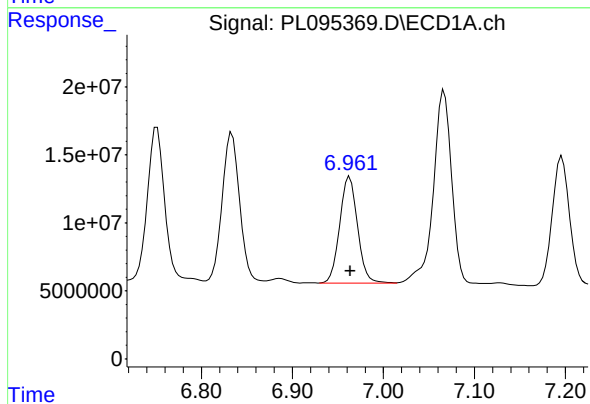
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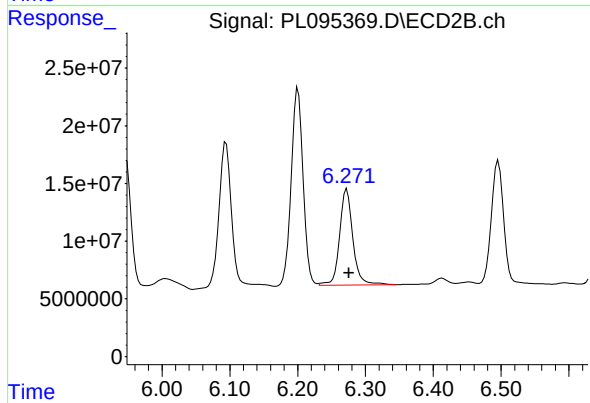
#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 208793735
Conc: 60.76 ng/ml



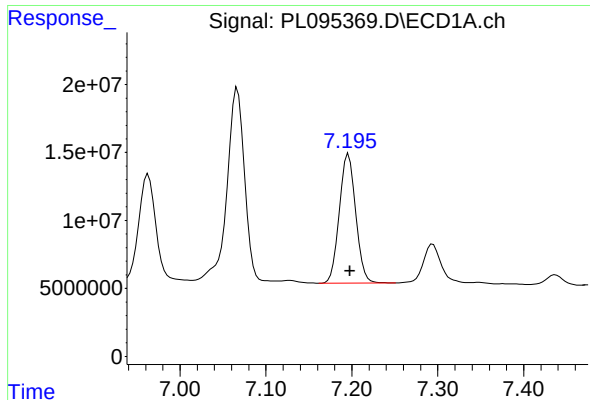
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 106689637
Conc: 45.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 113762104
Conc: 43.53 ng/ml



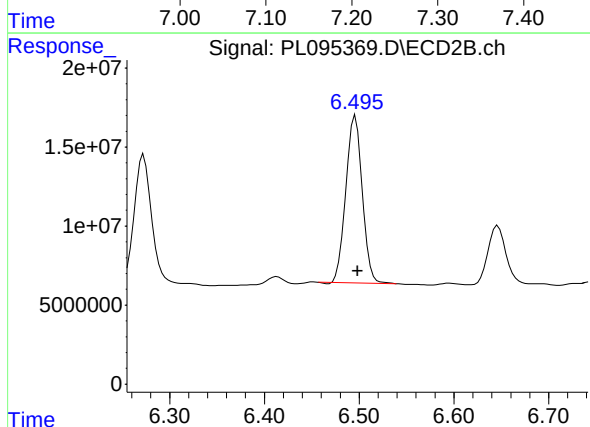
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 125557469
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

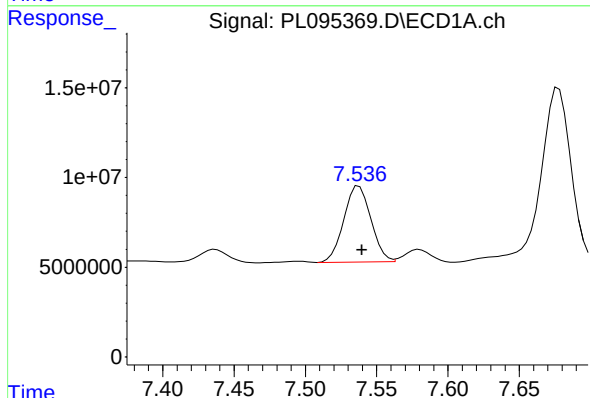
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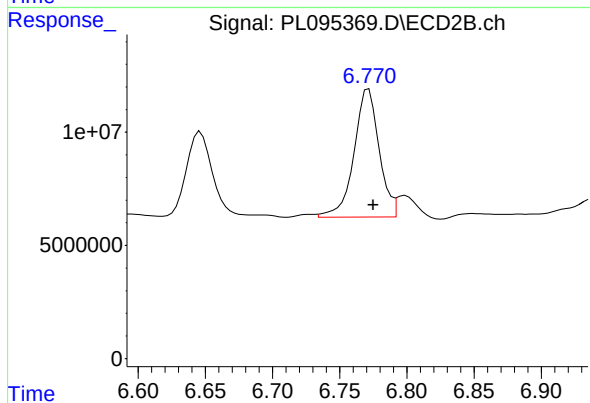
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 127224570
Conc: 38.34 ng/ml



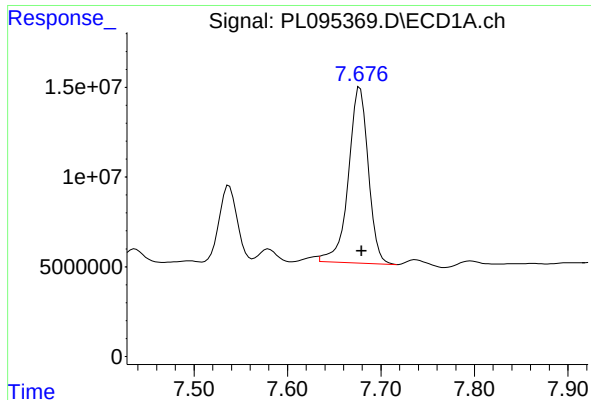
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: -0.003 min
Response: 56104815
Conc: 40.21 ng/ml m



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.005 min
Response: 76105132
Conc: 39.90 ng/ml m



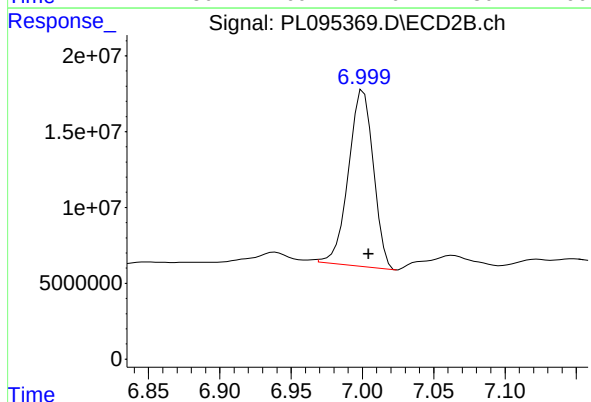
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 144894830
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

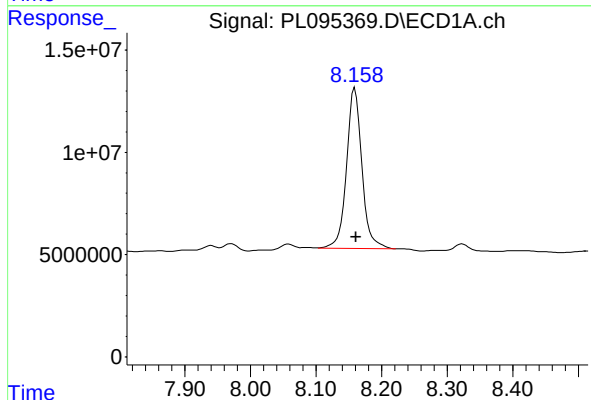
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Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



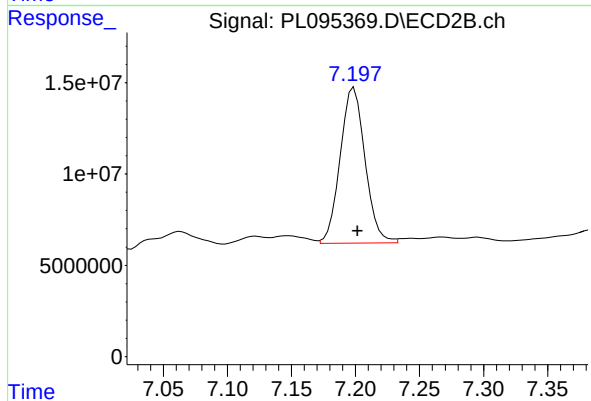
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: -0.005 min
Response: 140911083
Conc: 40.02 ng/ml



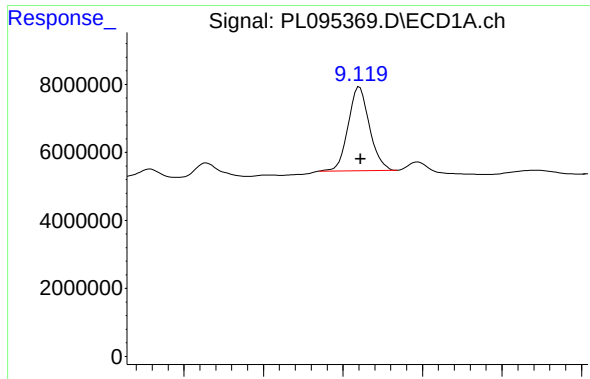
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 128171109
Conc: 53.94 ng/ml



#22 Mirex

R.T.: 7.199 min
Delta R.T.: -0.003 min
Response: 114803300
Conc: 39.83 ng/ml



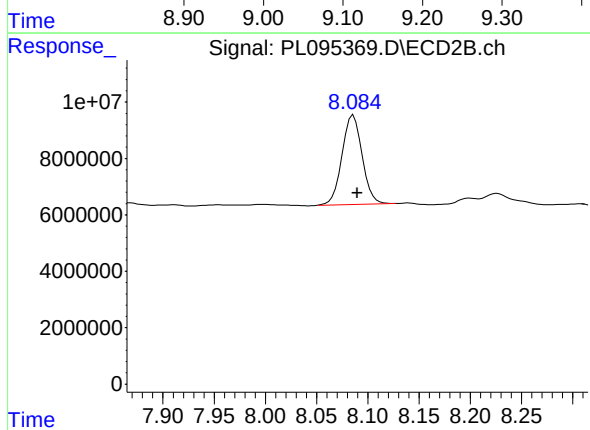
#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.001 min
Response: 45906711
Conc: 16.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.004 min
Response: 43181447
Conc: 14.59 ng/ml