

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
 Data File : PL093605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2025 14:39
 Operator : AR\AJ
 Sample : Q1025-01MS 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GREENBROOK-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/09/2025
 Supervised By :Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 00:16:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.541	2.775	10486166	11328167	4.236m	3.891
28) SA Decachlor...	9.060	7.913	7784132	7722217	4.210	2.586 #
Target Compounds						
2) A alpha-BHC	3.998	3.277	37207341	41329601	10.777	9.508
3) MA gamma-BHC...	4.330	3.607	34590788	40037119	10.548	9.489
4) MA Heptachlor	4.918	3.945	31638849	42316486	10.804	10.182
5) MB Aldrin	5.260	4.225	30034633	38851518	10.325	9.471
6) B beta-BHC	4.529	3.907	16016786	19822710	11.111	11.028
7) B delta-BHC	4.774	4.135	31775963	39309903	10.376m	9.296
8) B Heptachlo...	5.686	4.728	28171962	36602307	10.694	9.560
9) A Endosulfan I	6.072	5.098	25254677	31197156	10.704	8.929
10) B gamma-Chl...	5.942	4.978	28073309	38365672	11.171	9.957
11) B alpha-Chl...	6.021	5.042	27869373	36349106	11.135	9.547
12) B 4,4'-DDE	6.194	5.231	24784327	35871944	11.045	9.755
13) MA Dieldrin	6.345	5.362	26638460	36627153	10.676m	9.504
14) MA Endrin	6.575	5.638	22160286	32270561	10.295m	9.754
15) B Endosulfa...	6.796	5.933	22181869	30359304	9.758	9.344
16) A 4,4'-DDD	6.710	5.786	20615138	27850308	11.740m	9.841
17) MA 4,4'-DDT	7.026	6.036	22369108	30749475	12.101	10.181
18) B Endrin al...	6.927	6.112	16765219	22516786	9.448	8.361
19) B Endosulfa...	7.161	6.335	20881720	26959946	10.342	8.547
20) A Methoxychlor	7.503	6.612	10624963	14548783	10.628	9.039
21) B Endrin ke...	7.646	6.841	23970237	29889330	10.683	8.210
22) Mirex	8.119	7.021	17531710	24149077	9.382	7.901

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
Data File : PL093605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jan 2025 14:39
Operator : AR\AJ
Sample : Q1025-01MS 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

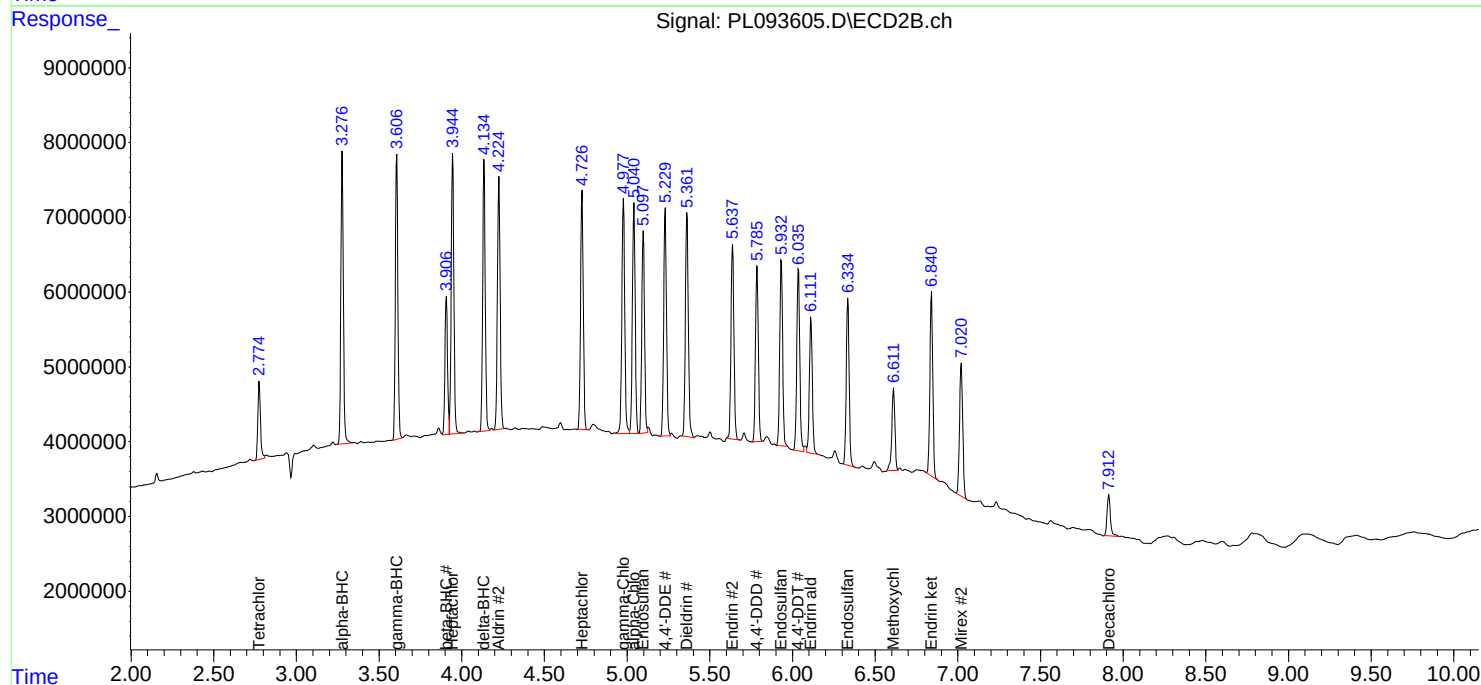
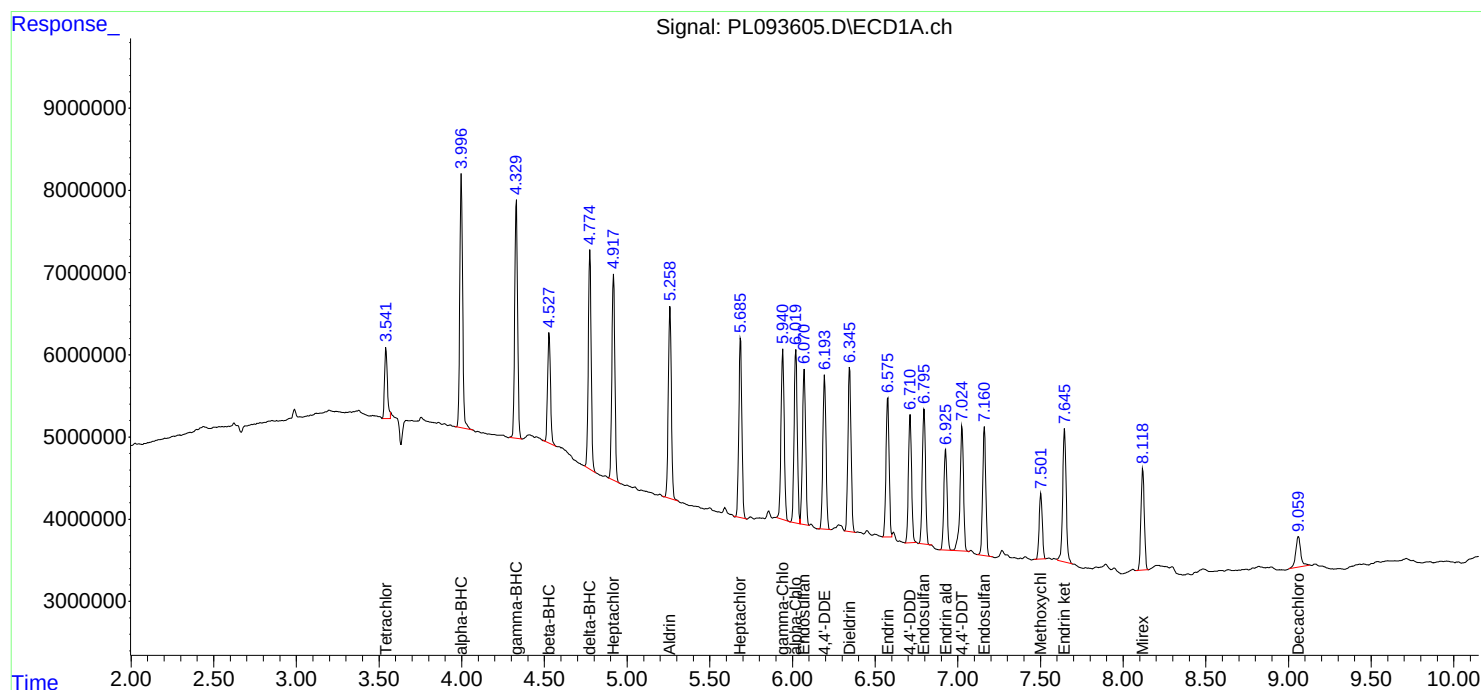
Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

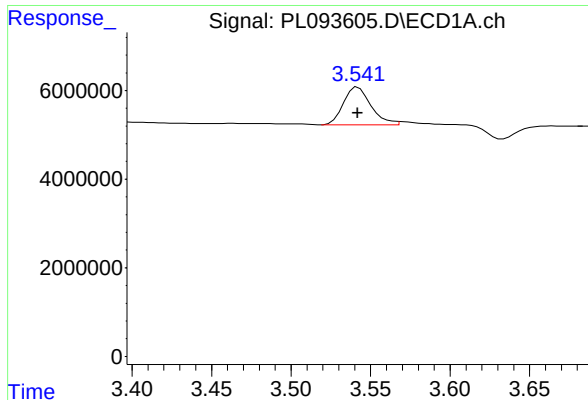
Manual Integrations
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Supervised By : Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 00:16:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





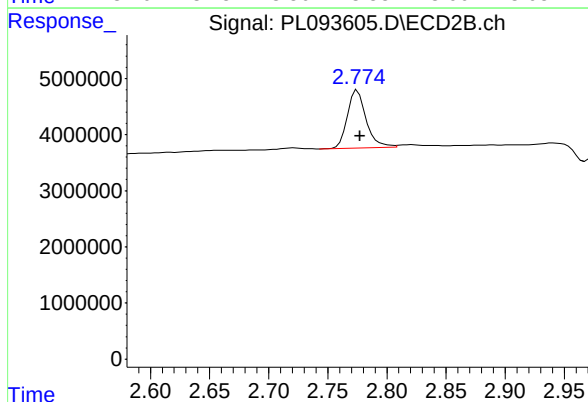
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.001 min
Response: 10486166
Conc: 4.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

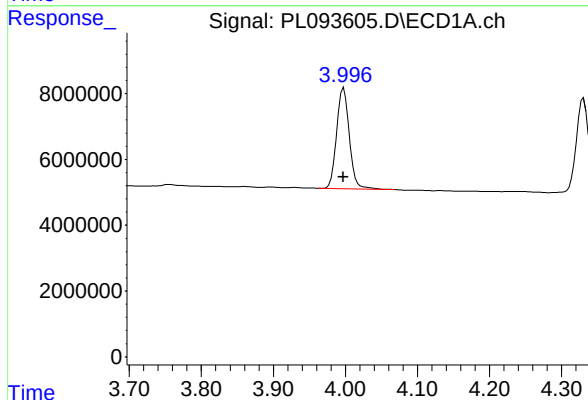
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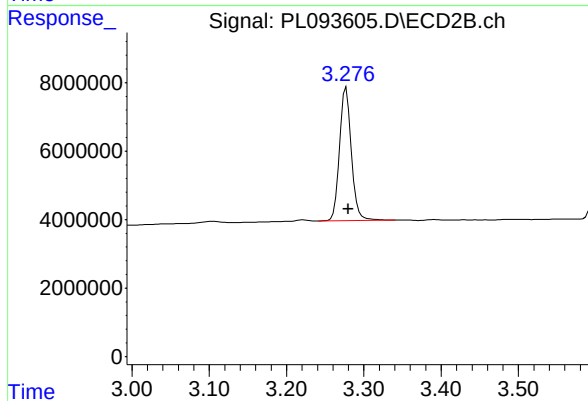
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 11328167
Conc: 3.89 ng/ml



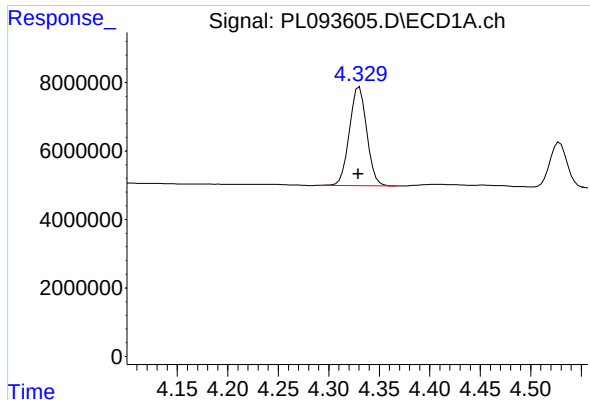
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 37207341
Conc: 10.78 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 41329601
Conc: 9.51 ng/ml



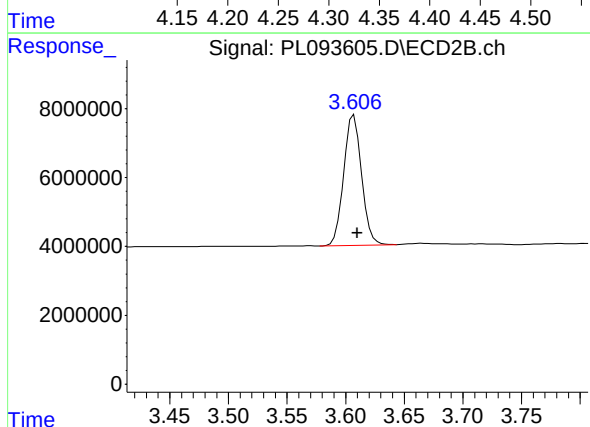
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.001 min
Response: 34590788
Conc: 10.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

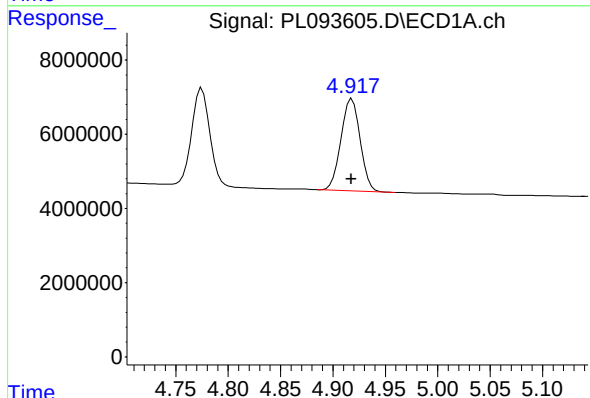
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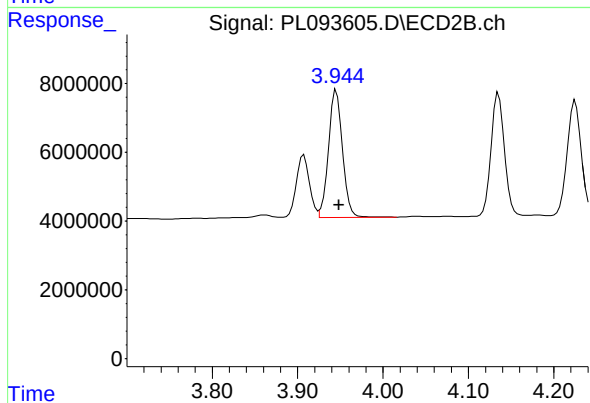
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 40037119
Conc: 9.49 ng/ml



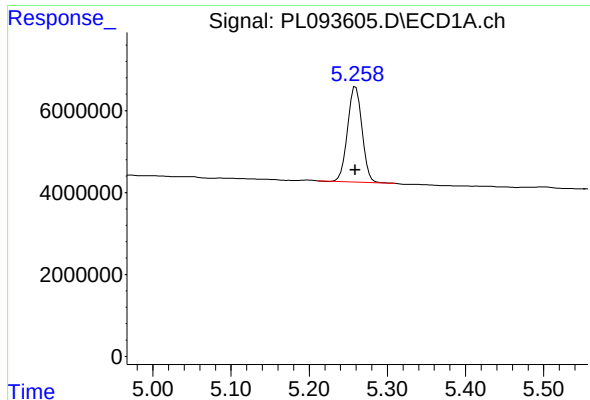
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 31638849
Conc: 10.80 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 42316486
Conc: 10.18 ng/ml



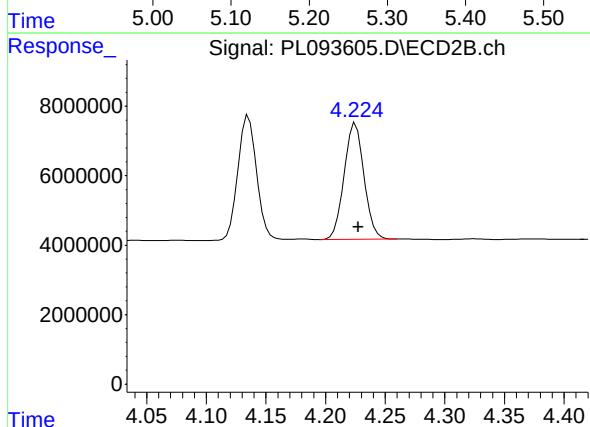
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 30034633
Conc: 10.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

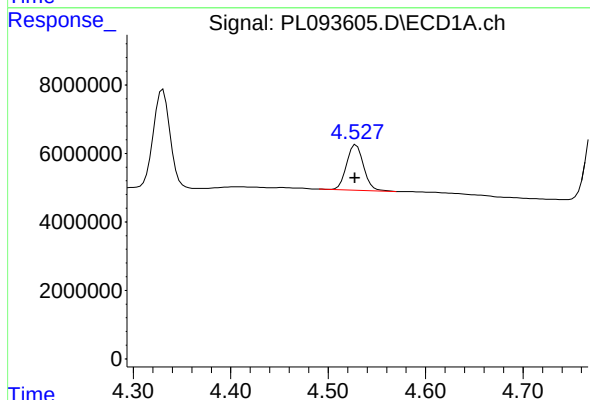
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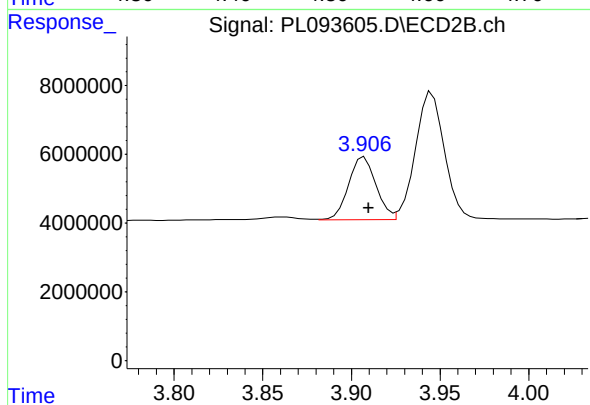
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.002 min
Response: 38851518
Conc: 9.47 ng/ml



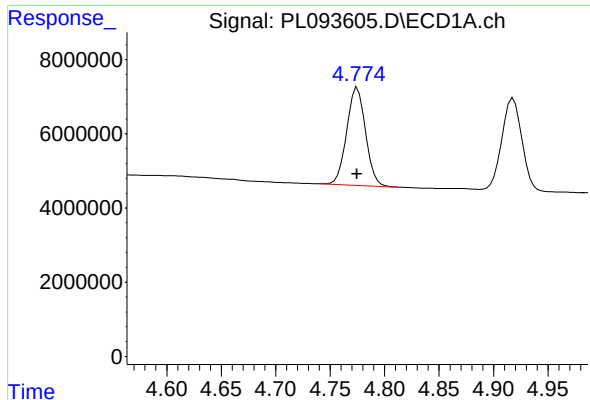
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.001 min
Response: 16016786
Conc: 11.11 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 19822710
Conc: 11.03 ng/ml



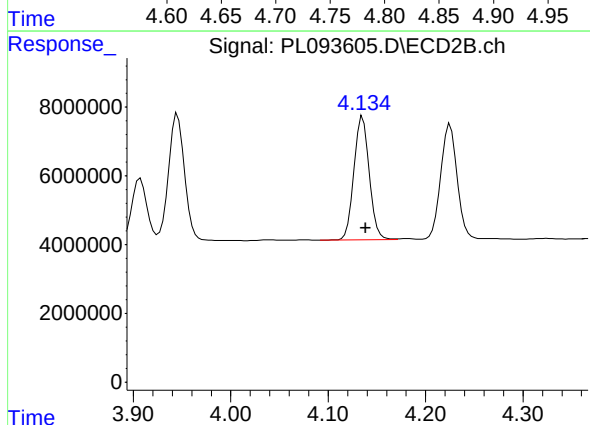
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 31775963
Conc: 10.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

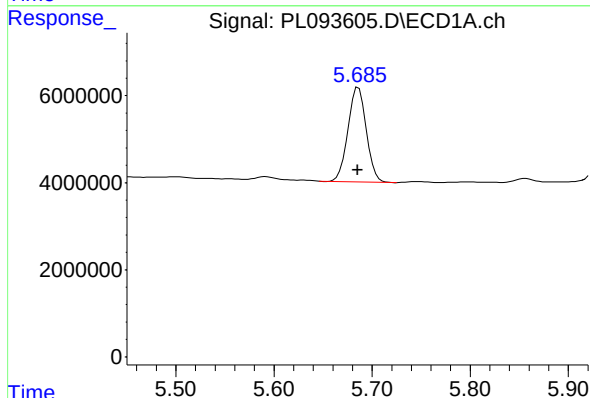
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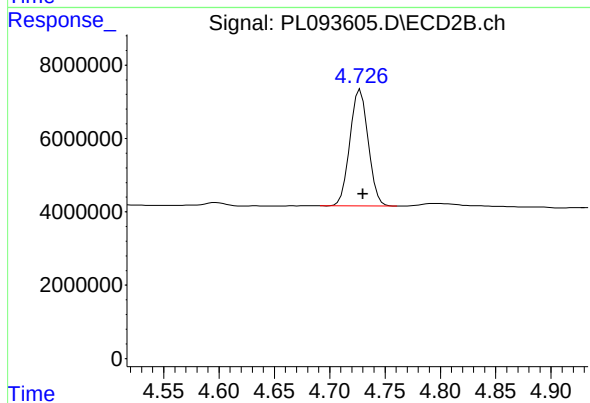
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.003 min
Response: 39309903
Conc: 9.30 ng/ml



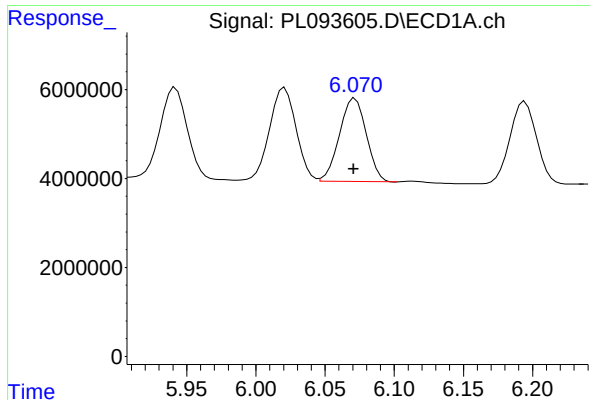
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 28171962
Conc: 10.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 36602307
Conc: 9.56 ng/ml



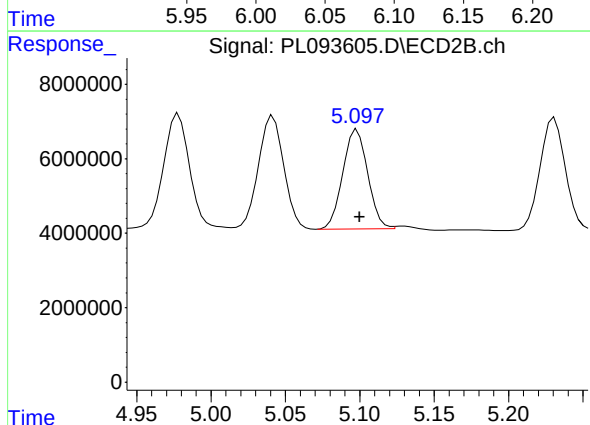
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 25254677
Conc: 10.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

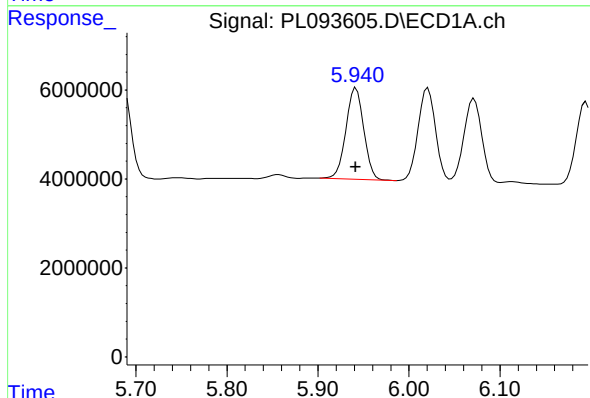
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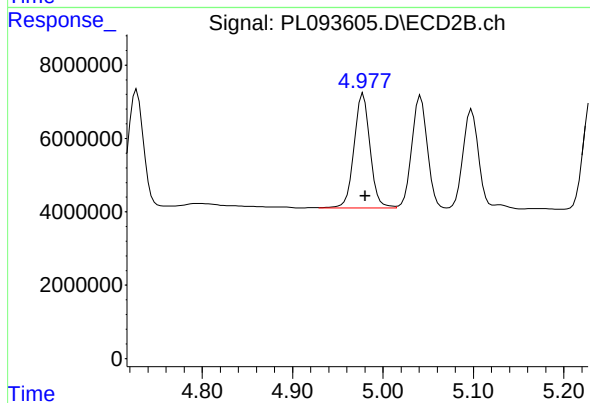
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 31197156
Conc: 8.93 ng/ml



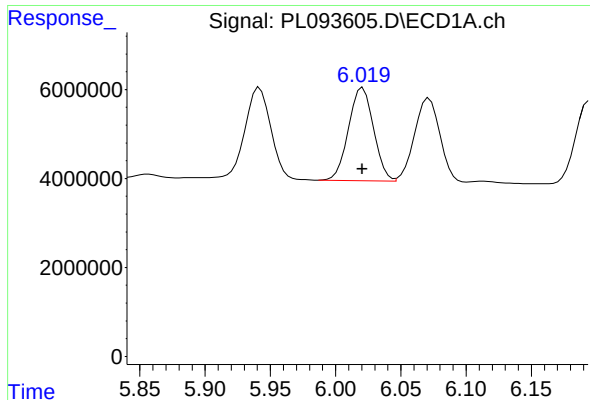
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 28073309
Conc: 11.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 38365672
Conc: 9.96 ng/ml



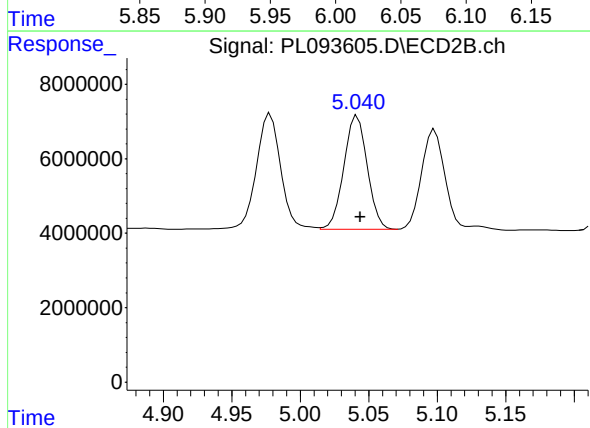
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 27869373
Conc: 11.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

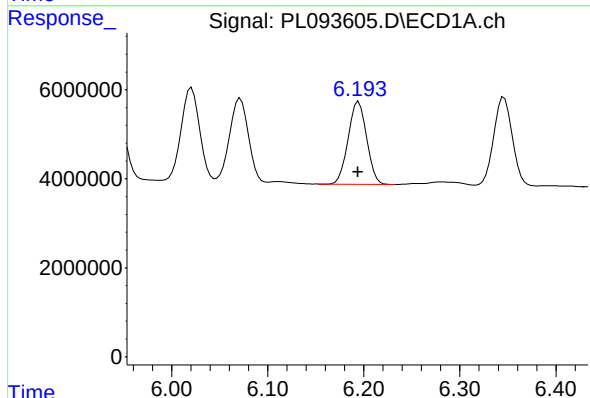
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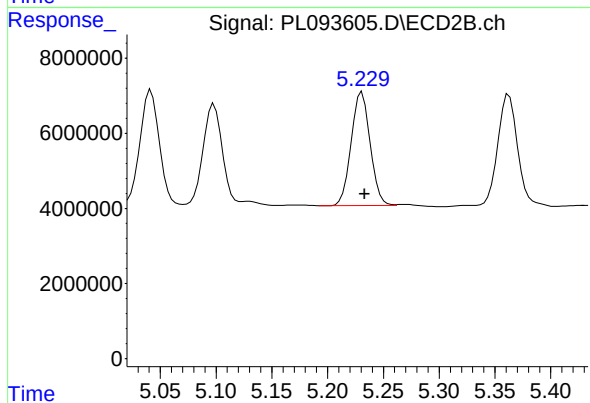
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 36349106
Conc: 9.55 ng/ml



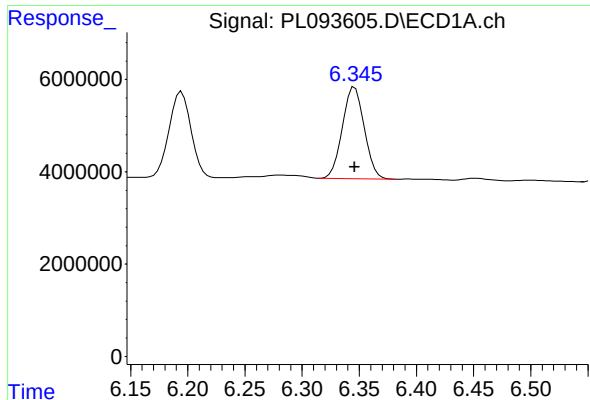
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 24784327
Conc: 11.05 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 35871944
Conc: 9.76 ng/ml



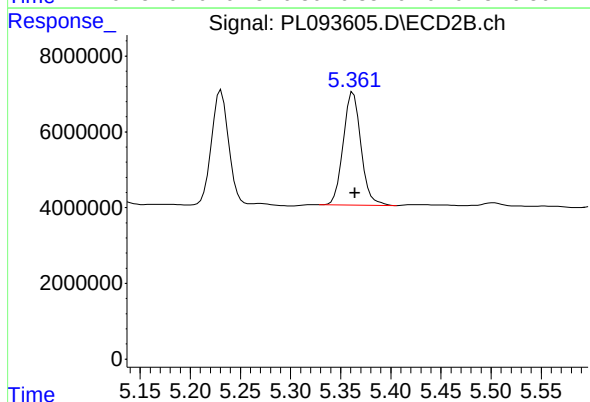
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 26638460
Conc: 10.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

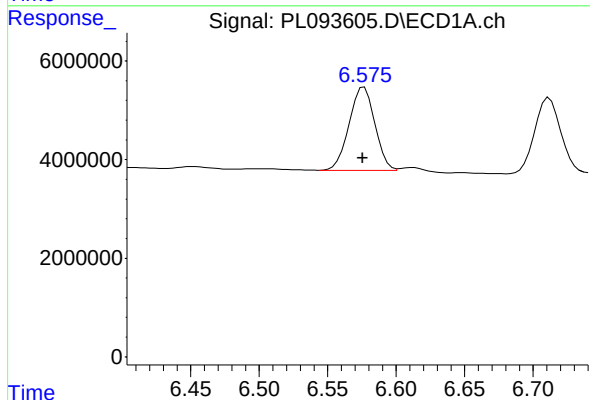
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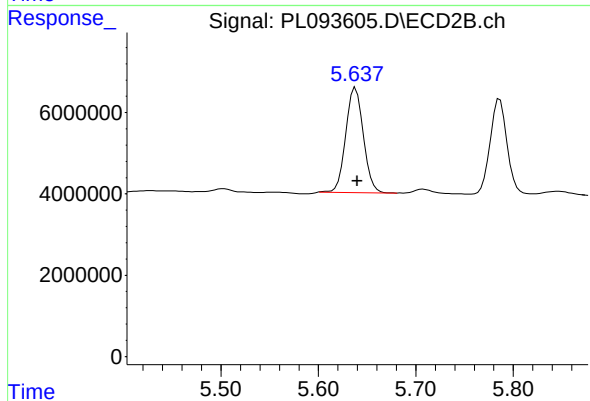
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 36627153
Conc: 9.50 ng/ml



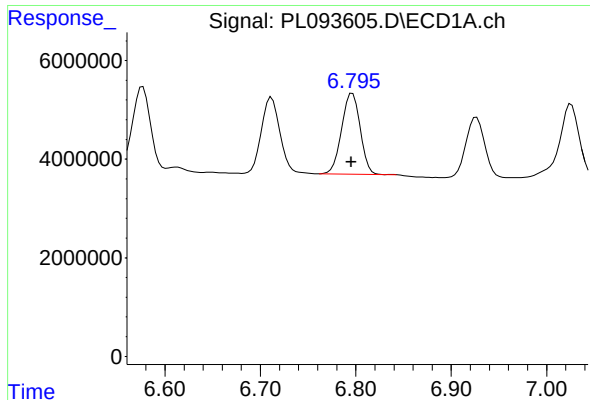
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 22160286
Conc: 10.30 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 32270561
Conc: 9.75 ng/ml



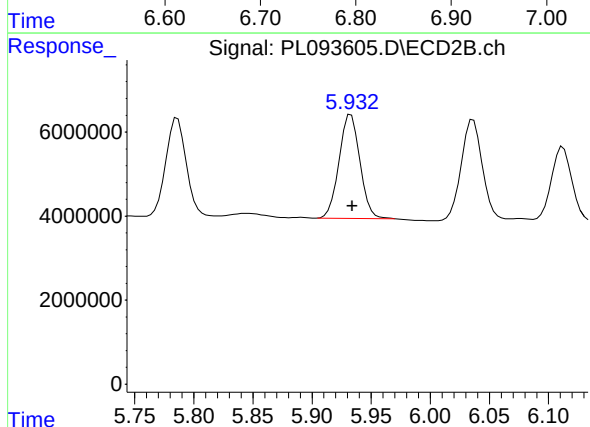
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 22181869
Conc: 9.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

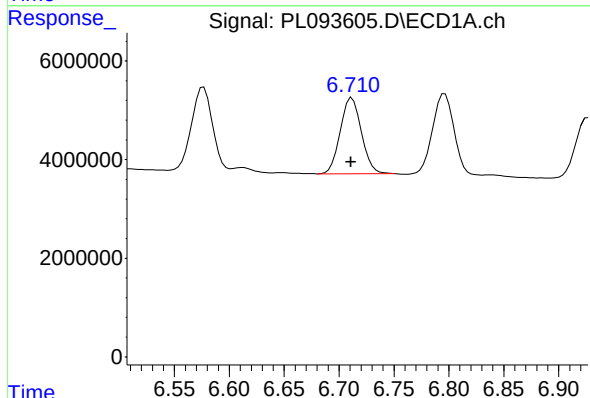
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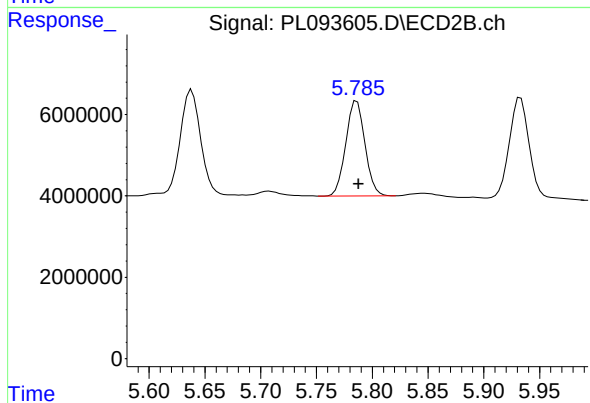
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 30359304
Conc: 9.34 ng/ml



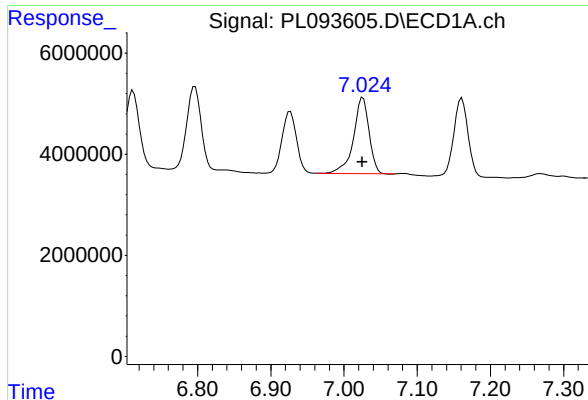
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 20615138
Conc: 11.74 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 27850308
Conc: 9.84 ng/ml



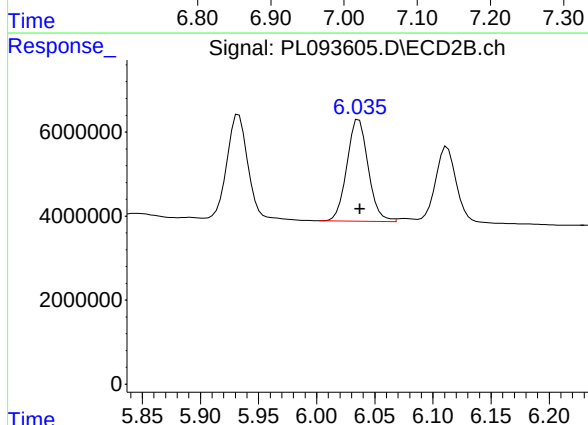
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 22369108
Conc: 12.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

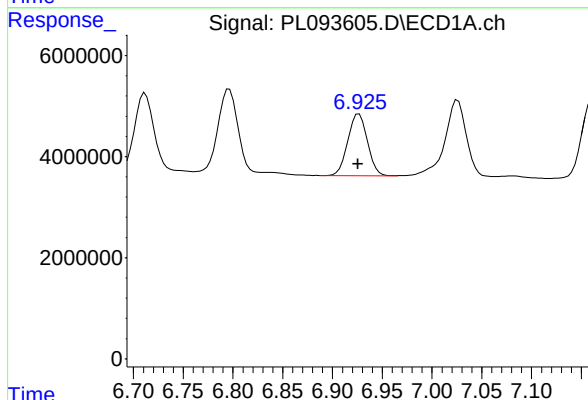
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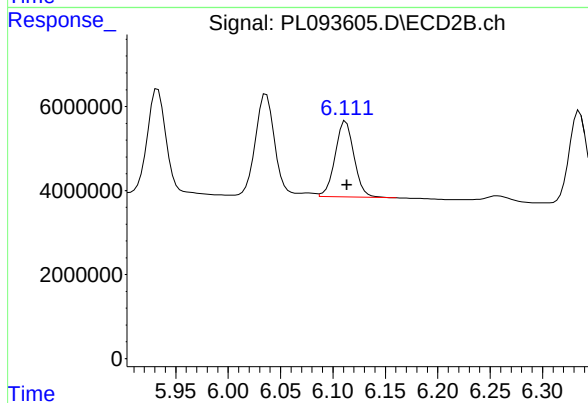
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.001 min
Response: 30749475
Conc: 10.18 ng/ml



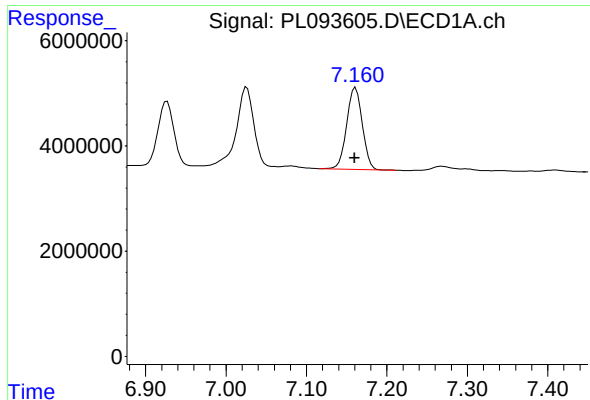
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 16765219
Conc: 9.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.001 min
Response: 22516786
Conc: 8.36 ng/ml



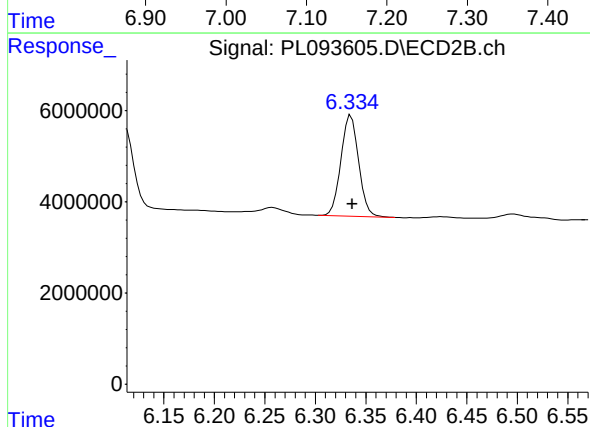
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.001 min
Response: 20881720
Conc: 10.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

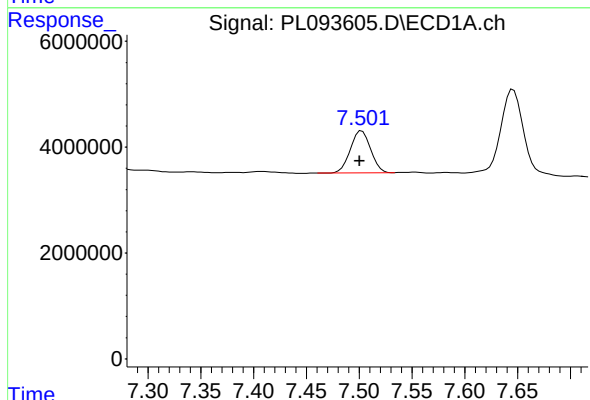
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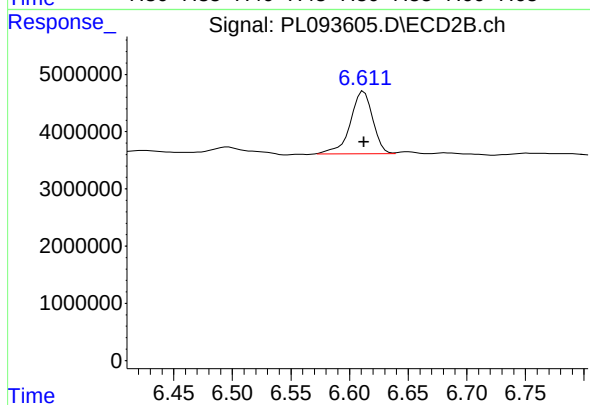
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 26959946
Conc: 8.55 ng/ml



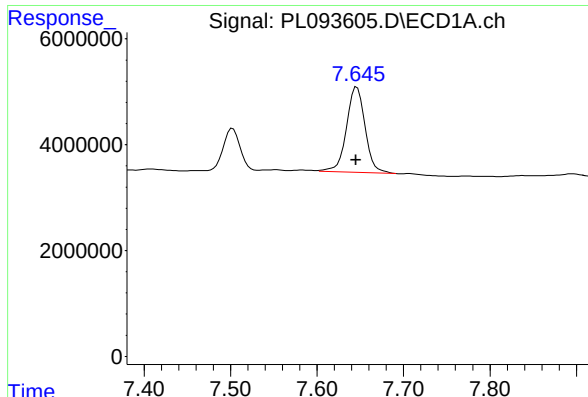
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 10624963
Conc: 10.63 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 14548783
Conc: 9.04 ng/ml



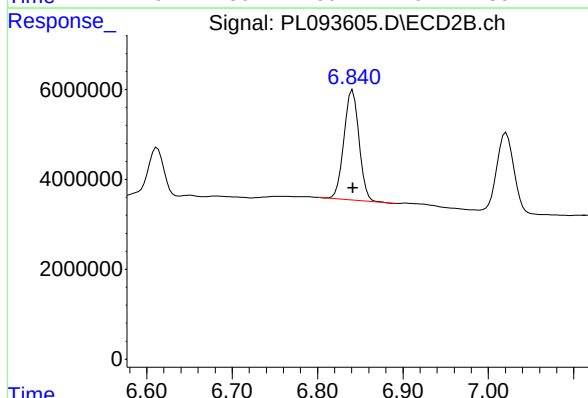
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 23970237
Conc: 10.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

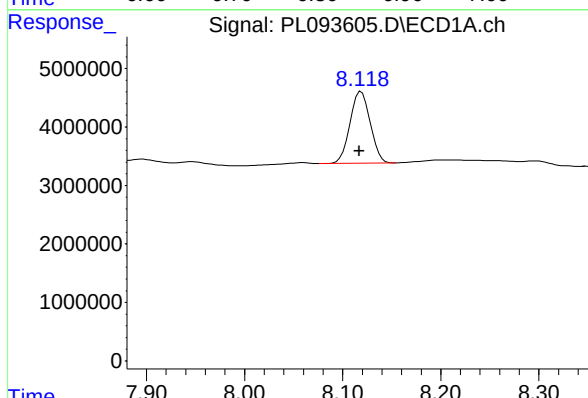
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Supervised By :Ankita Jodhani 01/09/2025



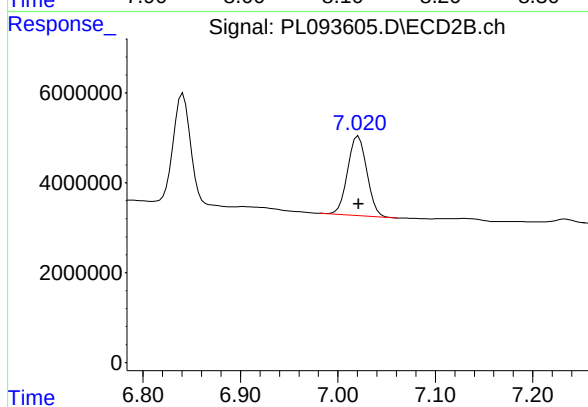
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 29889330
Conc: 8.21 ng/ml



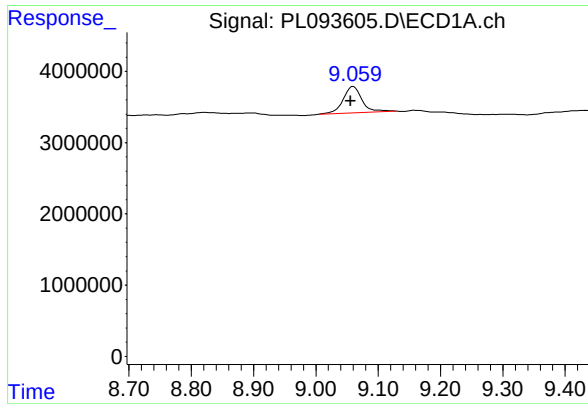
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 17531710
Conc: 9.38 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 24149077
Conc: 7.90 ng/ml



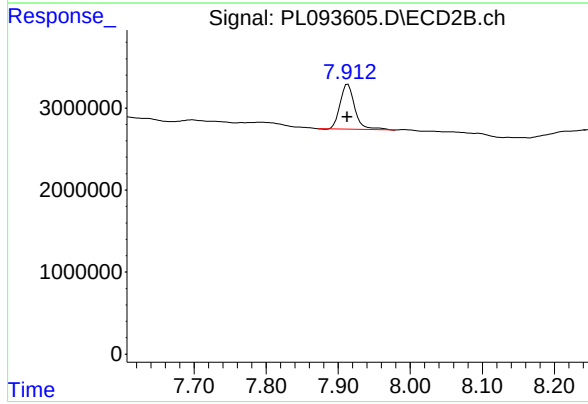
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.004 min
Response: 7784132
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
GREENBROOK-COMPMS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 01/09/2025



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 7722217
Conc: 2.59 ng/ml