

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052125\
 Data File : PL095739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2025 12:29
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/22/2025
 Supervised By :mohammad ahmed 05/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 06:18:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:14:04 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...	3.572	2.886	17497825	21096940	5.707	5.484
28)	SA Decachlor...	9.103	8.063	12764965	22203751	5.540	5.019
Target Compounds							
2)	A alpha-BHC	4.024	3.396	24570031	28284612	5.119	4.748
3)	MA gamma-BHC...	4.356	3.730	23387598	28103979	5.314	4.972
4)	MA Heptachlor	4.954	4.083	20290863	28916844	5.452	5.153
5)	MB Aldrin	5.297	4.367	22698872	26657290	5.390	4.974
6)	B beta-BHC	4.543	4.024	10956530	13075300	5.676	5.291m
7)	B delta-BHC	4.791	4.260	23107421	27796466	5.271	4.876
8)	B Heptachlo...	5.718	4.870	21257105	26148919	5.697	5.289
9)	A Endosulfan I	6.101	5.242	19914506	24747084	5.541	5.191
10)	B gamma-Chl...	5.972	5.122	20307663	27292023	5.281	5.215
11)	B alpha-Chl...	6.054	5.187	21308053	27275610	5.506	5.276
12)	B 4,4'-DDE	6.224	5.373	19030626	28338631	5.240	5.304
13)	MA Dieldrin	6.374	5.507	20282884	27652826	5.318	5.221
14)	MA Endrin	6.601	5.782	17282532	26245470	5.426	5.421
15)	B Endosulfa...	6.813	6.072	19748605	25475691	5.938m	5.395
16)	A 4,4'-DDD	6.734	5.926	15147186	22389854	5.240	5.084
17)	MA 4,4'-DDT	7.049	6.178	14589187	24336314	5.504	5.064
18)	B Endrin al...	6.944	6.251	13442001	18961374	5.682	5.547
19)	B Endosulfa...	7.178	6.474	16401273	24080379	5.604	5.381
20)	A Methoxychlor	7.522	6.750	6867163	14215195	5.444	5.483
21)	B Endrin ke...	7.657	6.979	16646440	27643113	5.308m	5.354
22)	Mirex	8.140	7.173	12674224	23112456	5.578	5.793

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052125\
Data File : PL095739.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2025 12:29
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

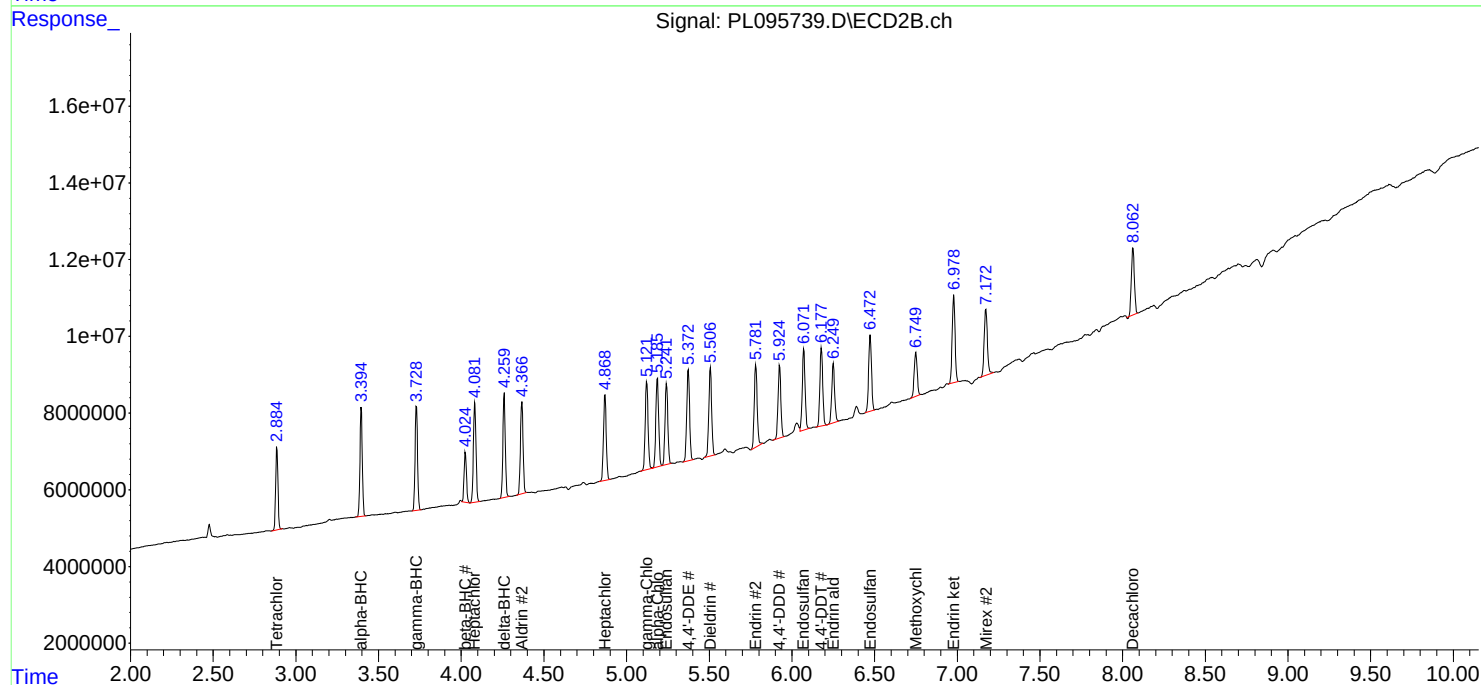
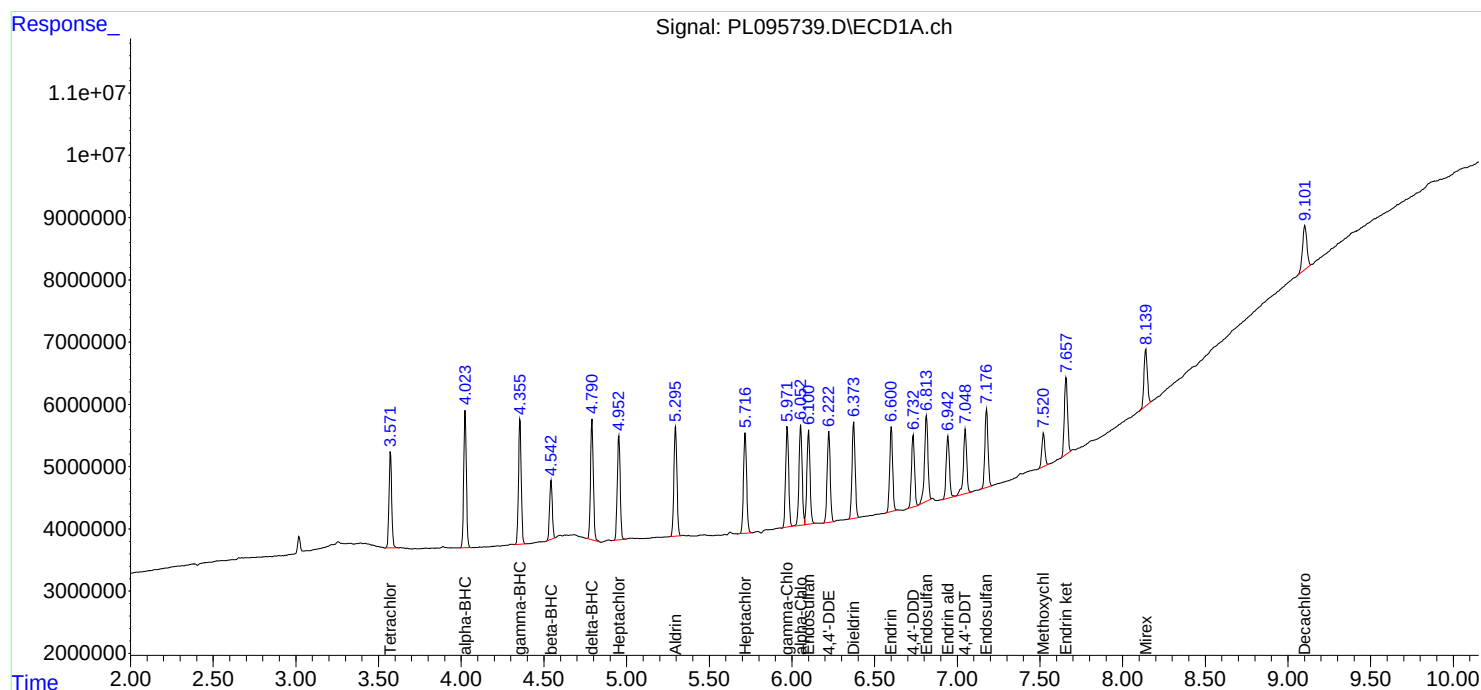
APPROVED

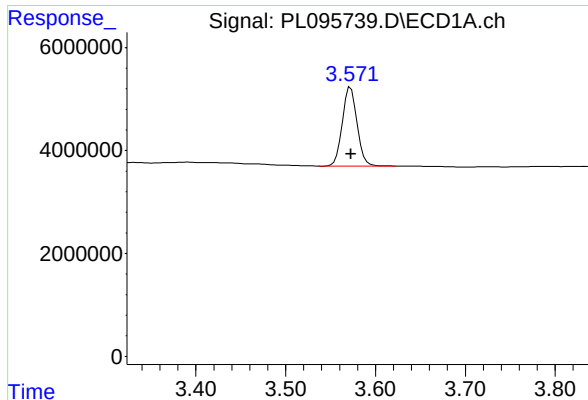
Reviewed By :Abdul Mirza 05/22/2025

Supervised By :mohammad ahmed 05/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 06:18:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:14:04 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





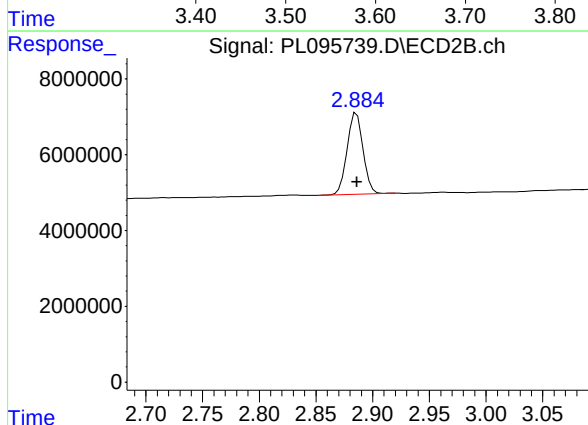
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.000 min
Response: 17497825
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

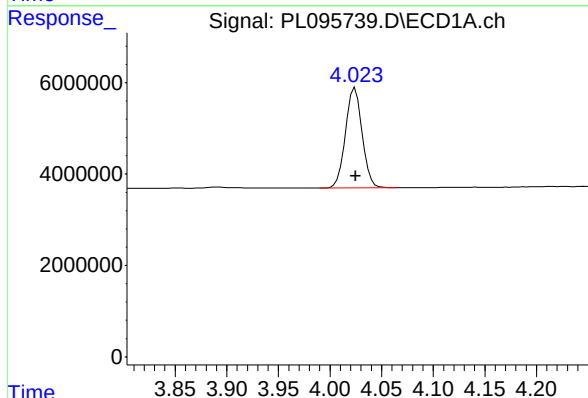
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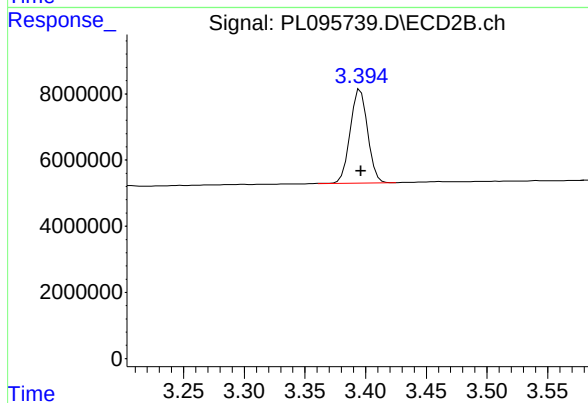
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.000 min
Response: 21096940
Conc: 5.48 ng/ml



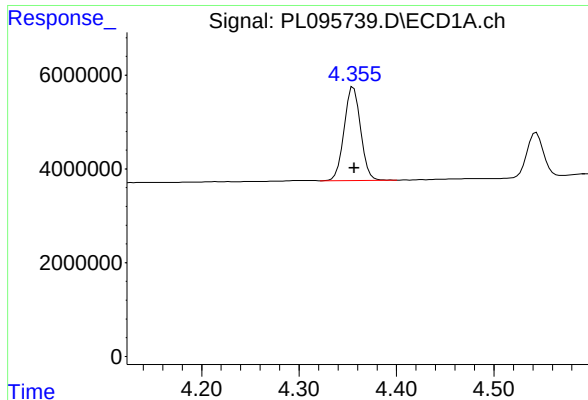
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 24570031
Conc: 5.12 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 28284612
Conc: 4.75 ng/ml



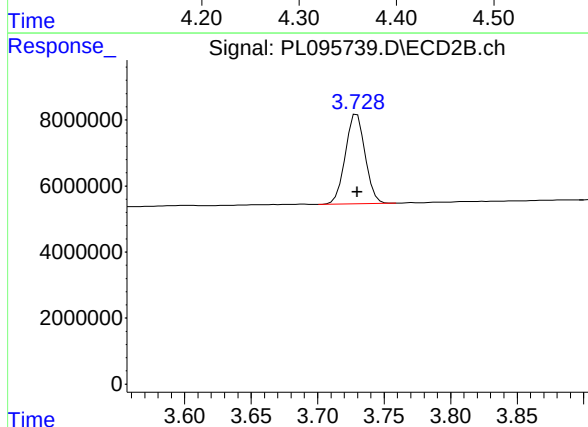
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 23387598
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

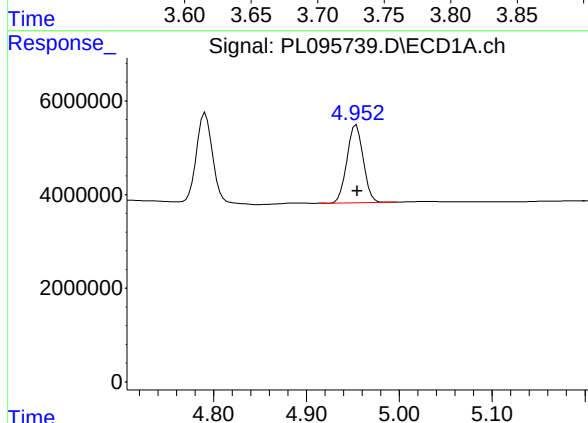
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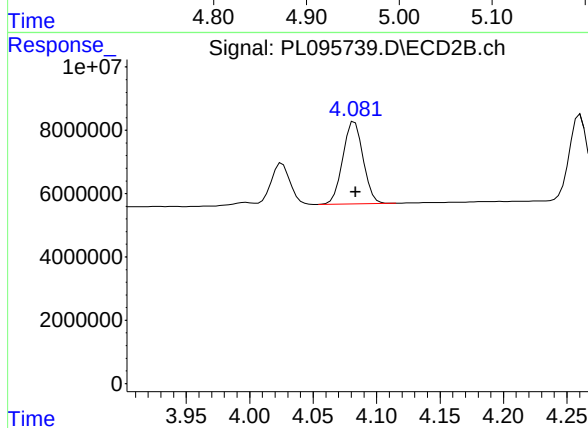
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 28103979
Conc: 4.97 ng/ml



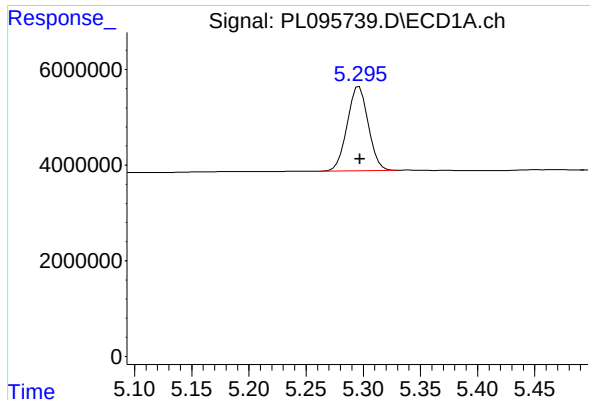
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 20290863
Conc: 5.45 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 28916844
Conc: 5.15 ng/ml



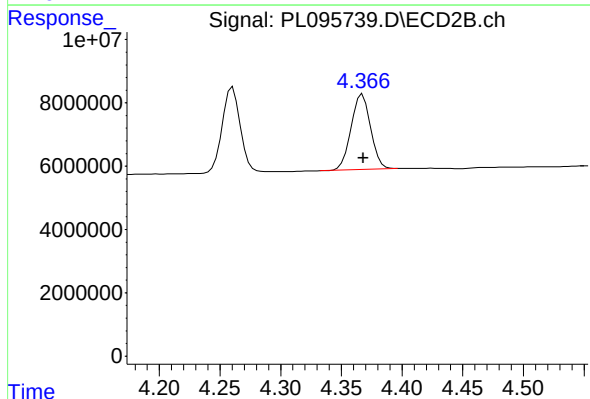
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 22698872
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

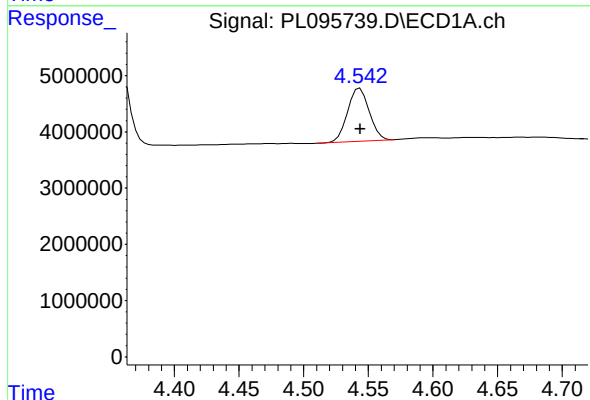
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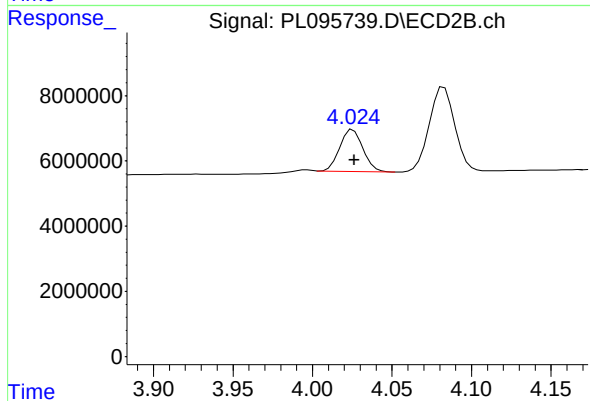
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 26657290
Conc: 4.97 ng/ml



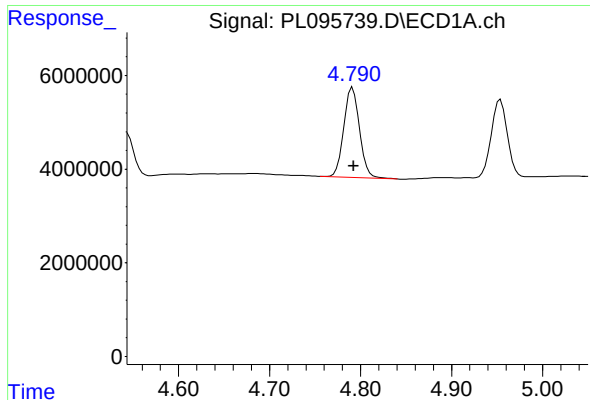
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 10956530
Conc: 5.68 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 13075300
Conc: 5.29 ng/ml m



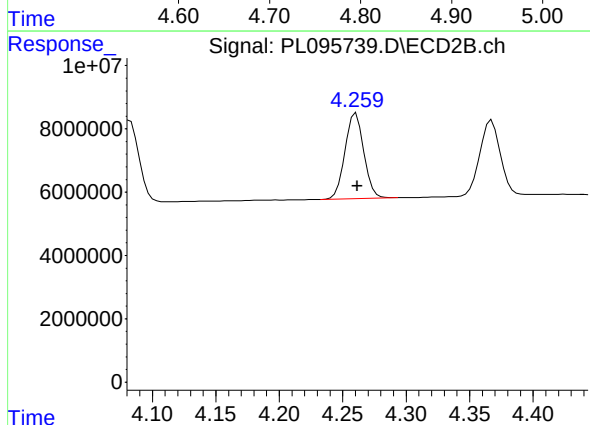
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: 0.000 min
Response: 23107421
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

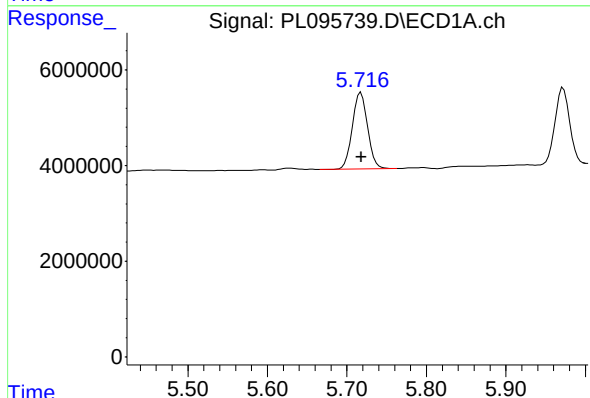
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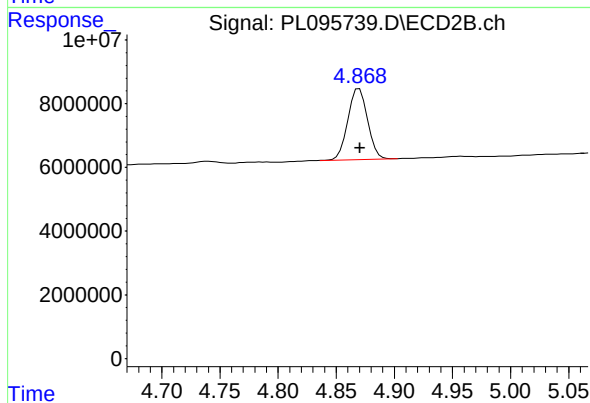
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: -0.001 min
Response: 27796466
Conc: 4.88 ng/ml



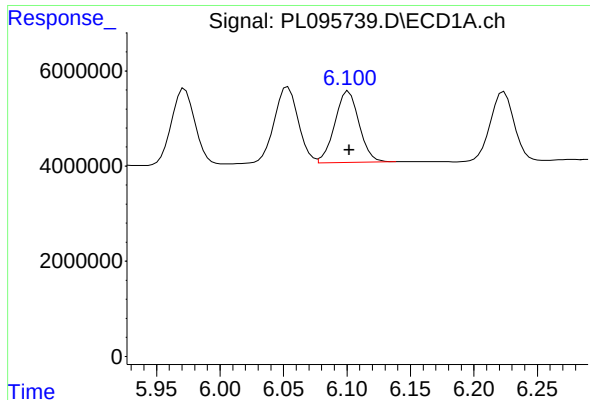
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 21257105
Conc: 5.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 26148919
Conc: 5.29 ng/ml



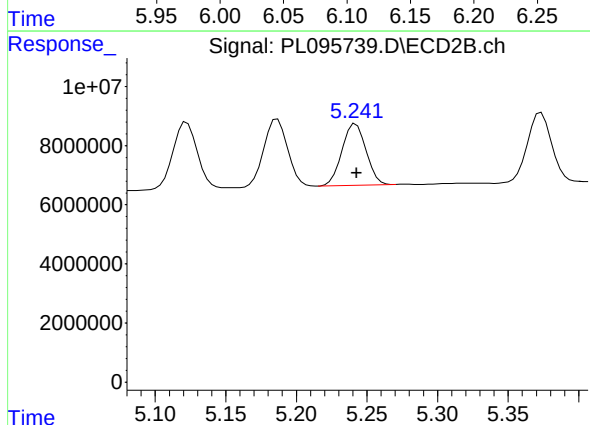
#9 Endosulfan I

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 19914506
Conc: 5.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

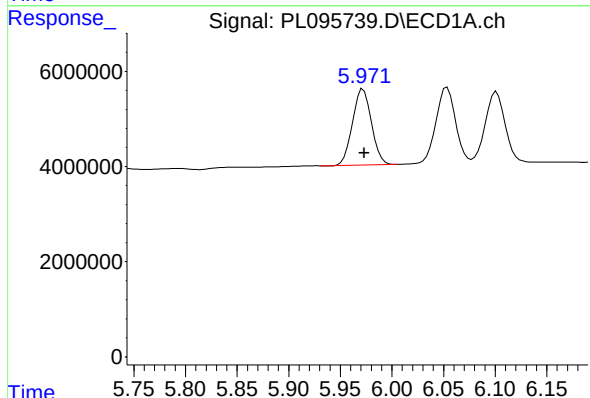
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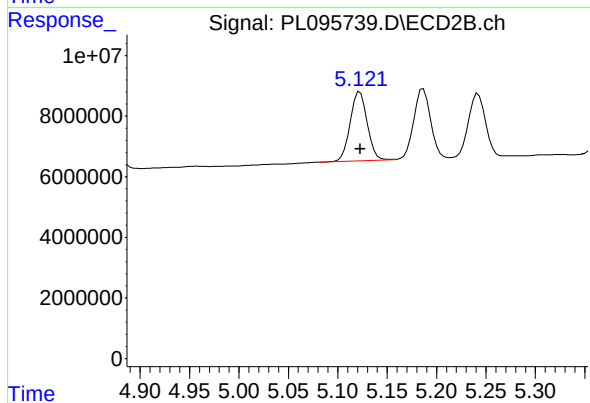
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 24747084
Conc: 5.19 ng/ml



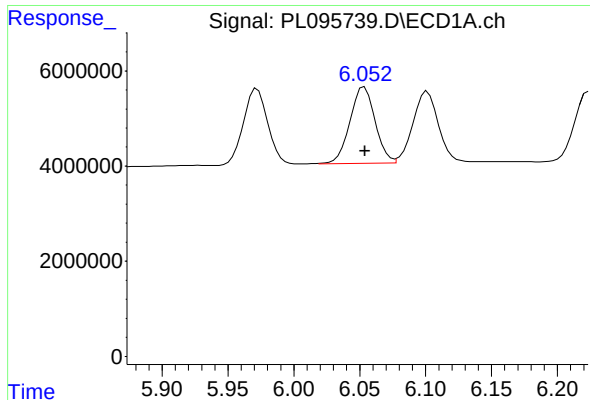
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 20307663
Conc: 5.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 27292023
Conc: 5.22 ng/ml



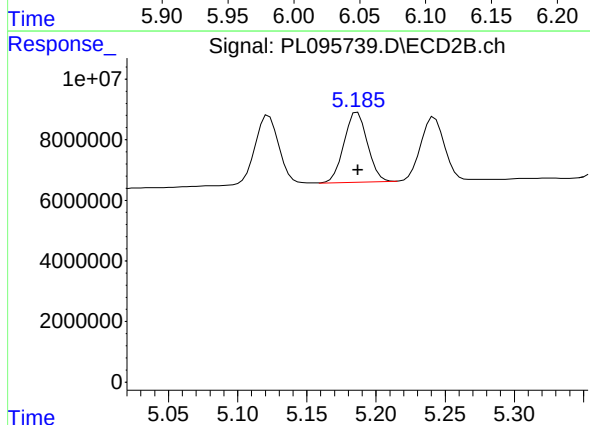
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 21308053
Conc: 5.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

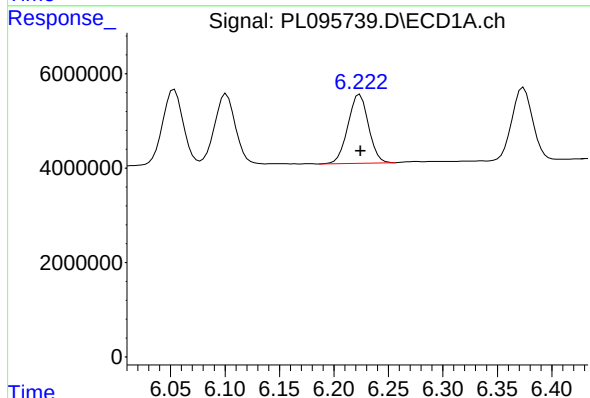
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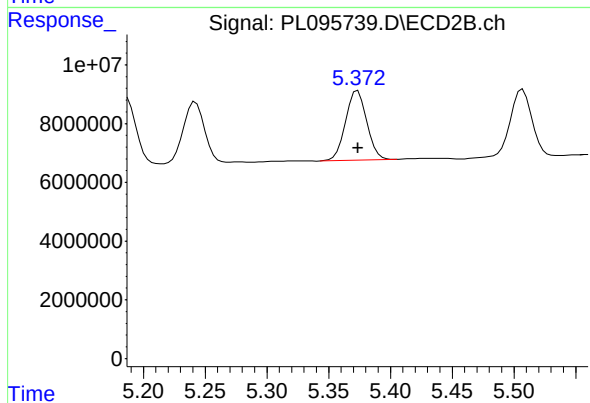
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 27275610
Conc: 5.28 ng/ml



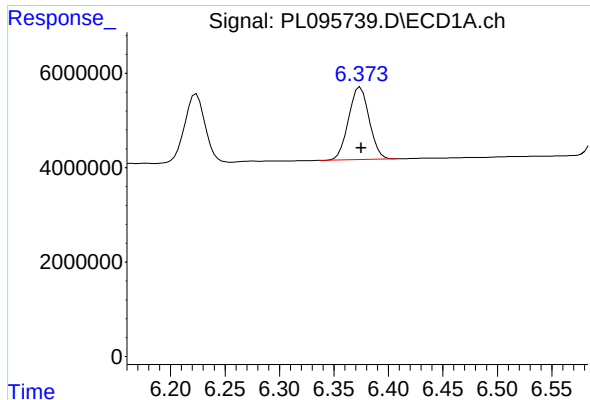
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 19030626
Conc: 5.24 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 28338631
Conc: 5.30 ng/ml



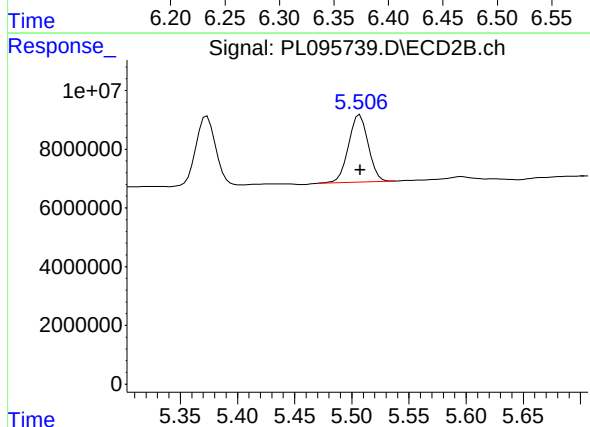
#13 Dieldrin

R.T.: 6.374 min
Delta R.T.: -0.001 min
Response: 20282884
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

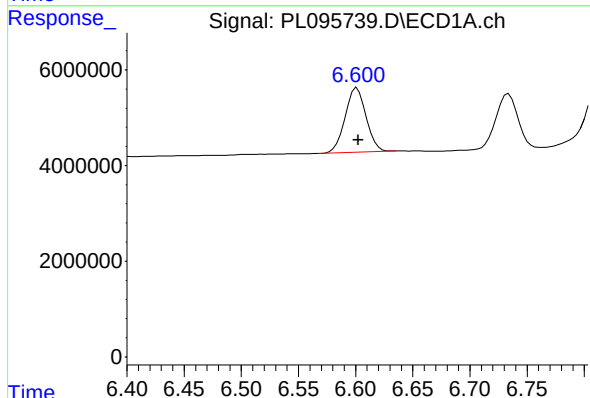
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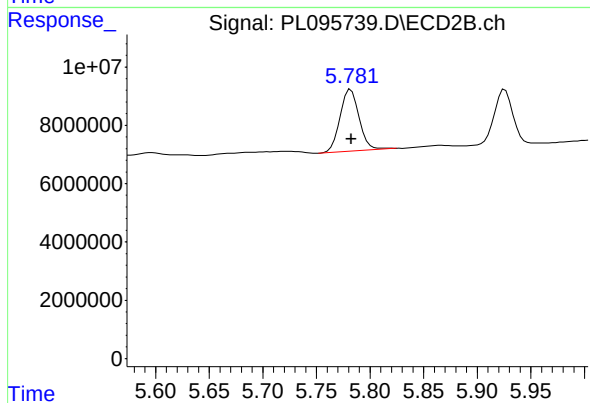
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 27652826
Conc: 5.22 ng/ml



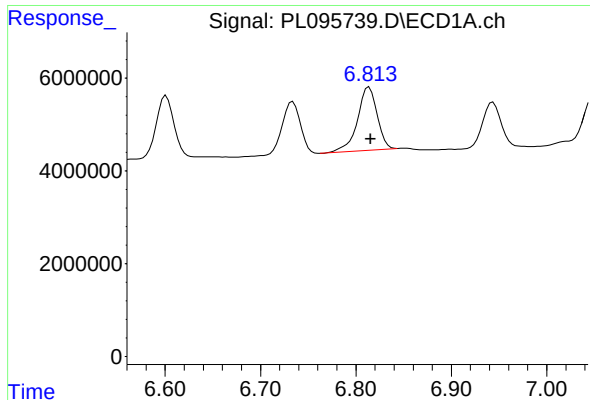
#14 Endrin

R.T.: 6.601 min
Delta R.T.: -0.001 min
Response: 17282532
Conc: 5.43 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 26245470
Conc: 5.42 ng/ml



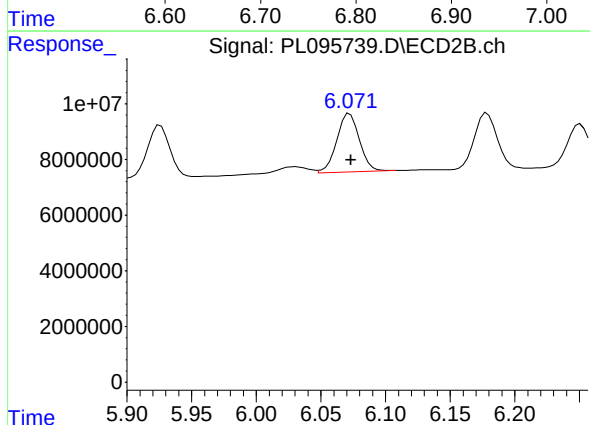
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 19748605
Conc: 5.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

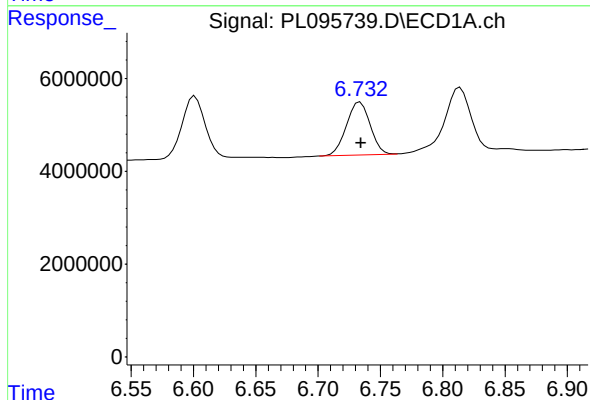
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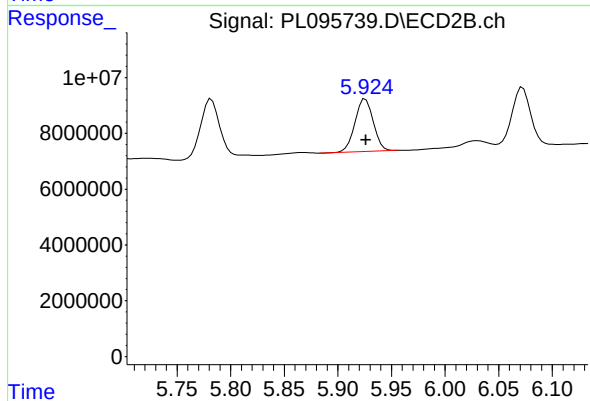
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 25475691
Conc: 5.40 ng/ml



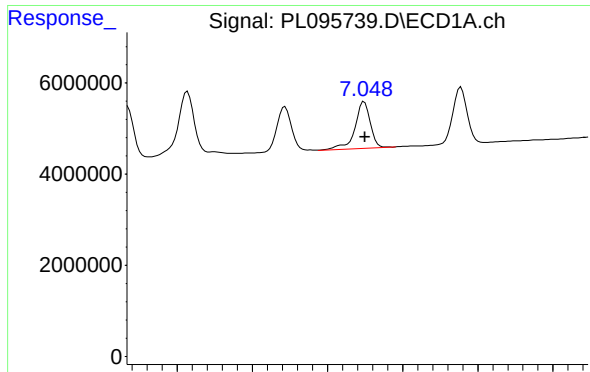
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 15147186
Conc: 5.24 ng/ml



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 22389854
Conc: 5.08 ng/ml



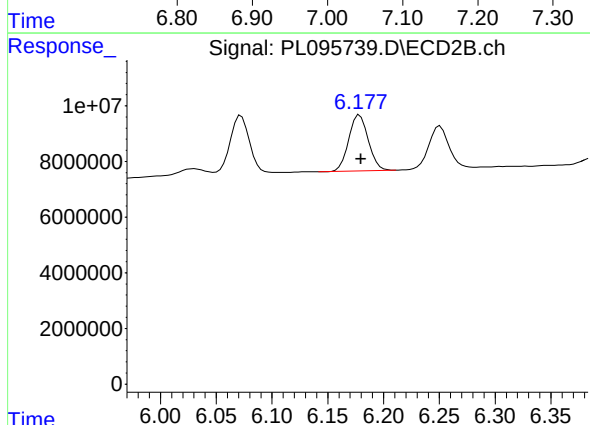
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 14589187
Conc: 5.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

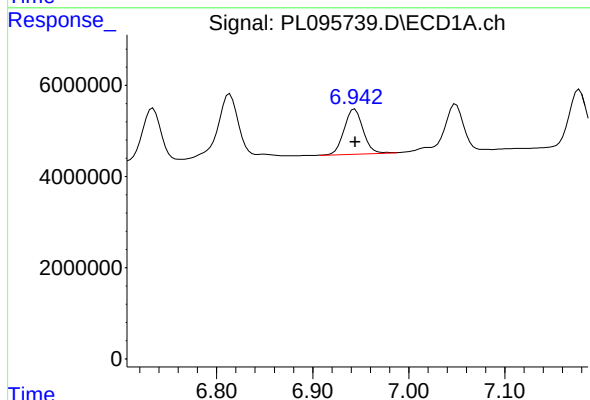
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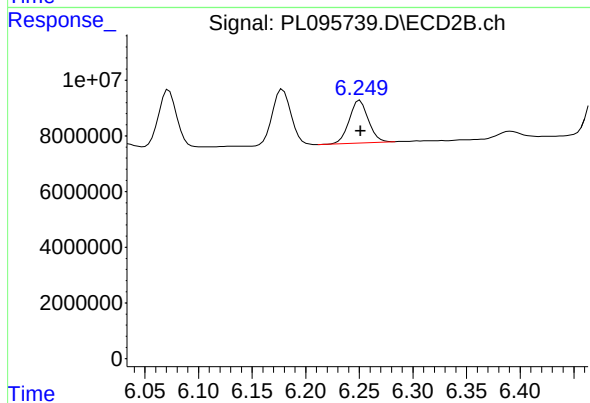
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 24336314
Conc: 5.06 ng/ml



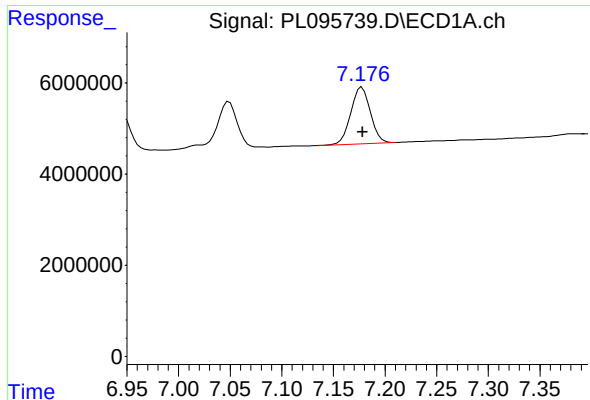
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 13442001
Conc: 5.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 18961374
Conc: 5.55 ng/ml



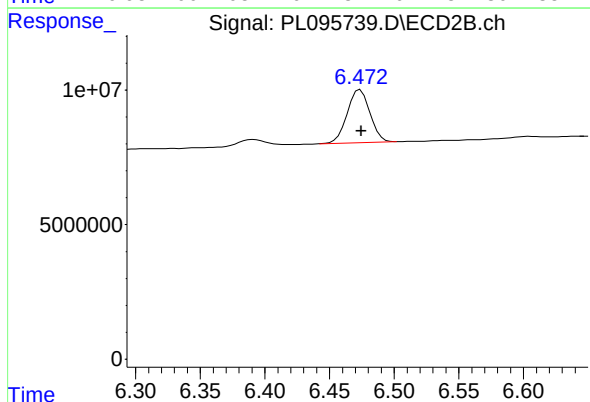
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 16401273
Conc: 5.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

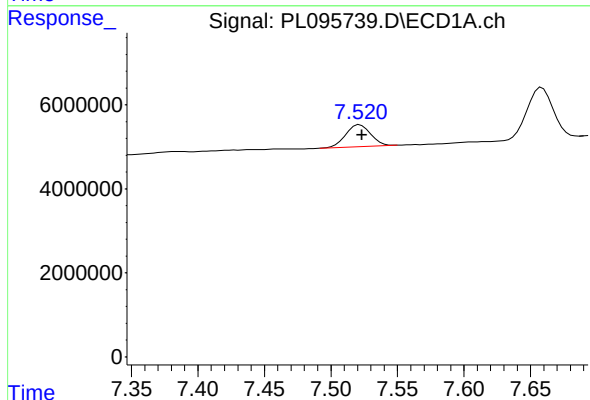
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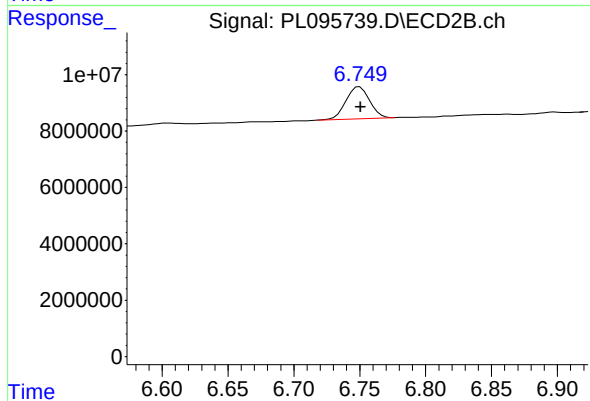
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 24080379
Conc: 5.38 ng/ml



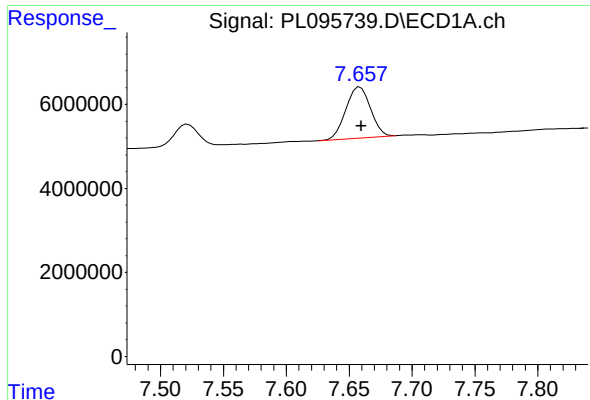
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.001 min
Response: 6867163
Conc: 5.44 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 14215195
Conc: 5.48 ng/ml



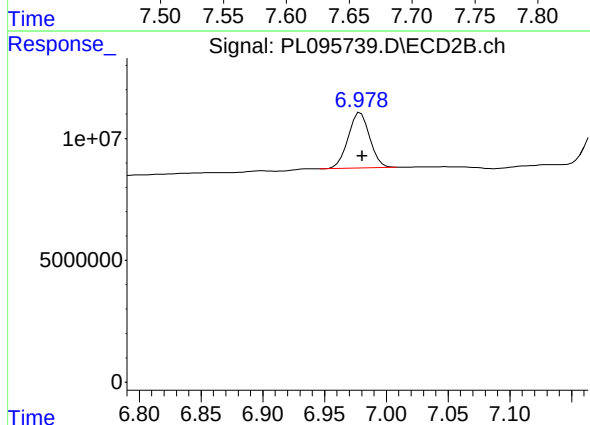
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 16646440
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

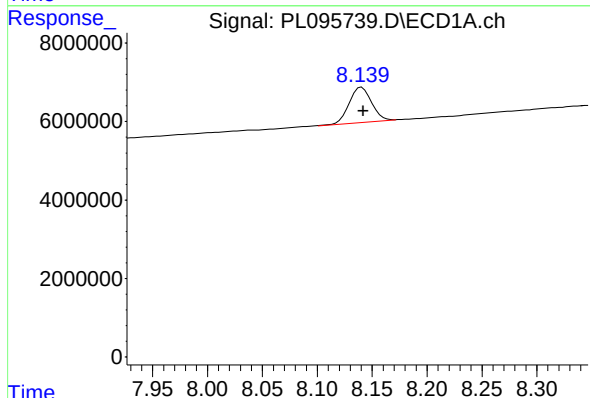
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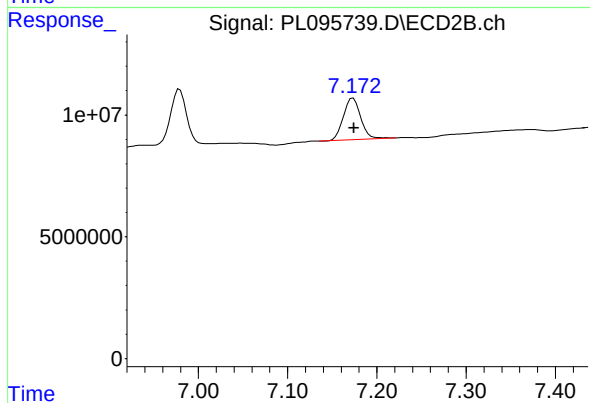
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 27643113
Conc: 5.35 ng/ml



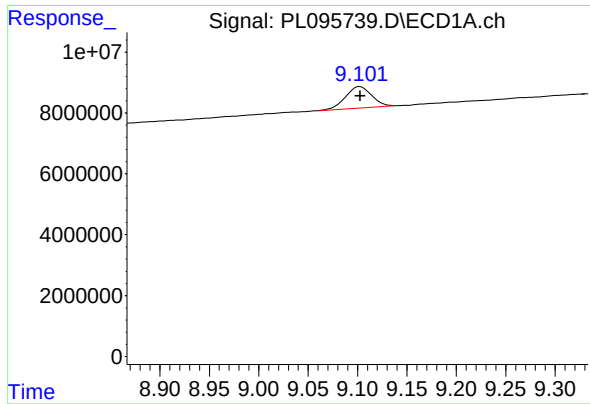
#22 Mirex

R.T.: 8.140 min
Delta R.T.: -0.001 min
Response: 12674224
Conc: 5.58 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 23112456
Conc: 5.79 ng/ml



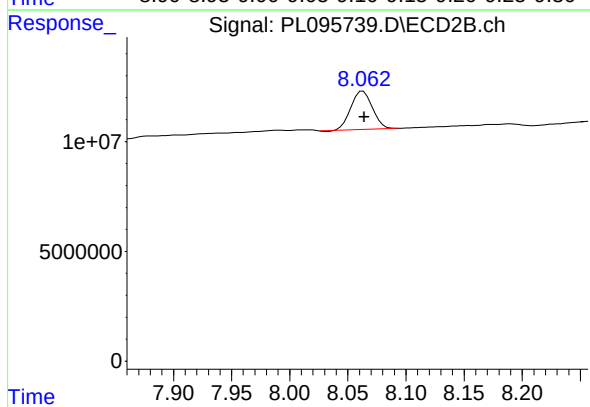
#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: 0.000 min
Response: 12764965
Conc: 5.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/22/2025
Supervised By :mohammad ahmed 05/23/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 22203751
Conc: 5.02 ng/ml