

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042624\
 Data File : PL089195.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2024 14:24
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/29/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 16:16:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 16:09:00 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.550	2.797	49018745	30900385	25.747	24.475
28) SA Decachlor...	9.061	7.946	34803406	32795361	25.993	25.202
Target Compounds						
2) A alpha-BHC	4.004	3.302	68385267	43548393	25.093	22.761
3) MA gamma-BHC...	4.337	3.632	66930035	43189005	25.259	23.167
4) MA Heptachlor	4.927	3.974	60152836	41491457	26.182	23.788
5) MB Aldrin	5.268	4.255	63211344	41361887	26.593	23.355
6) B beta-BHC	4.530	3.929	31414684	19932615	26.658m	25.061
7) B delta-BHC	4.779	4.160	63341596	41895641	25.147	22.953
8) B Heptachlo...	5.692	4.758	57774972	38529191	26.649m	24.179
9) A Endosulfan I	6.077	5.128	53186264	35709682	26.513m	24.198
10) B gamma-Chl...	5.947	5.008	56523311	38800097	26.721m	23.936
11) B alpha-Chl...	6.027	5.073	56173893	39180935	26.617m	24.100
12) B 4,4'-DDE	6.200	5.261	49819240	33550426	26.271	22.958
13) MA Dieldrin	6.353	5.393	54710829	37715412	26.147	23.535
14) MA Endrin	6.582	5.668	46567834	33982862	26.255	23.841
15) B Endosulfa...	6.800	5.962	49836846	34227039	26.995	24.416
16) A 4,4'-DDD	6.715	5.816	41719309	28256308	26.447	23.111
17) MA 4,4'-DDT	7.029	6.067	44795018	31830016	26.530	23.589
18) B Endrin al...	6.930	6.141	37422860	26727475	26.675	24.893
19) B Endosulfa...	7.164	6.363	44955034	33440704	26.728	24.690
20) A Methoxychlor	7.504	6.642	24668977	19523879	26.941	25.149
21) B Endrin ke...	7.649	6.870	49186772	38266537	26.229	24.156
22) Mirex	8.123	7.053	38748805	33431317	26.585	25.575

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042624\
Data File : PL089195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Apr 2024 14:24
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

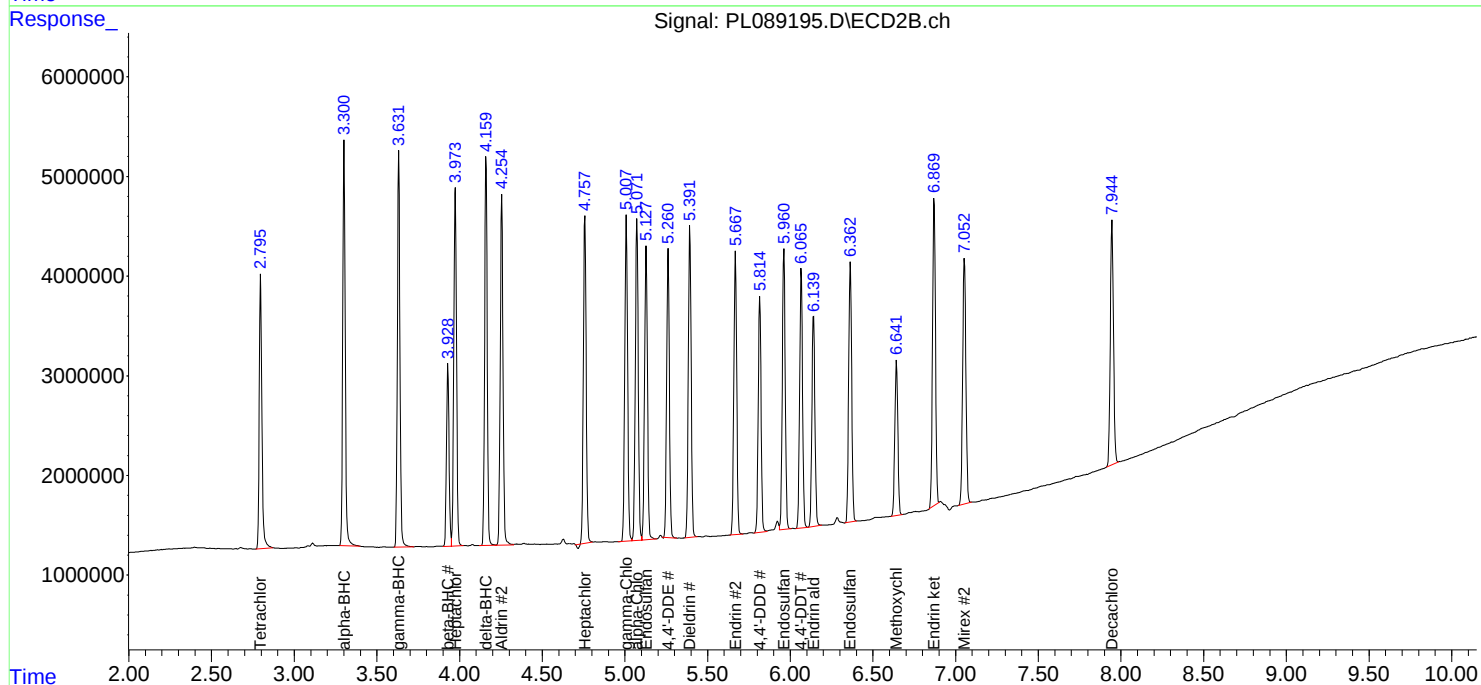
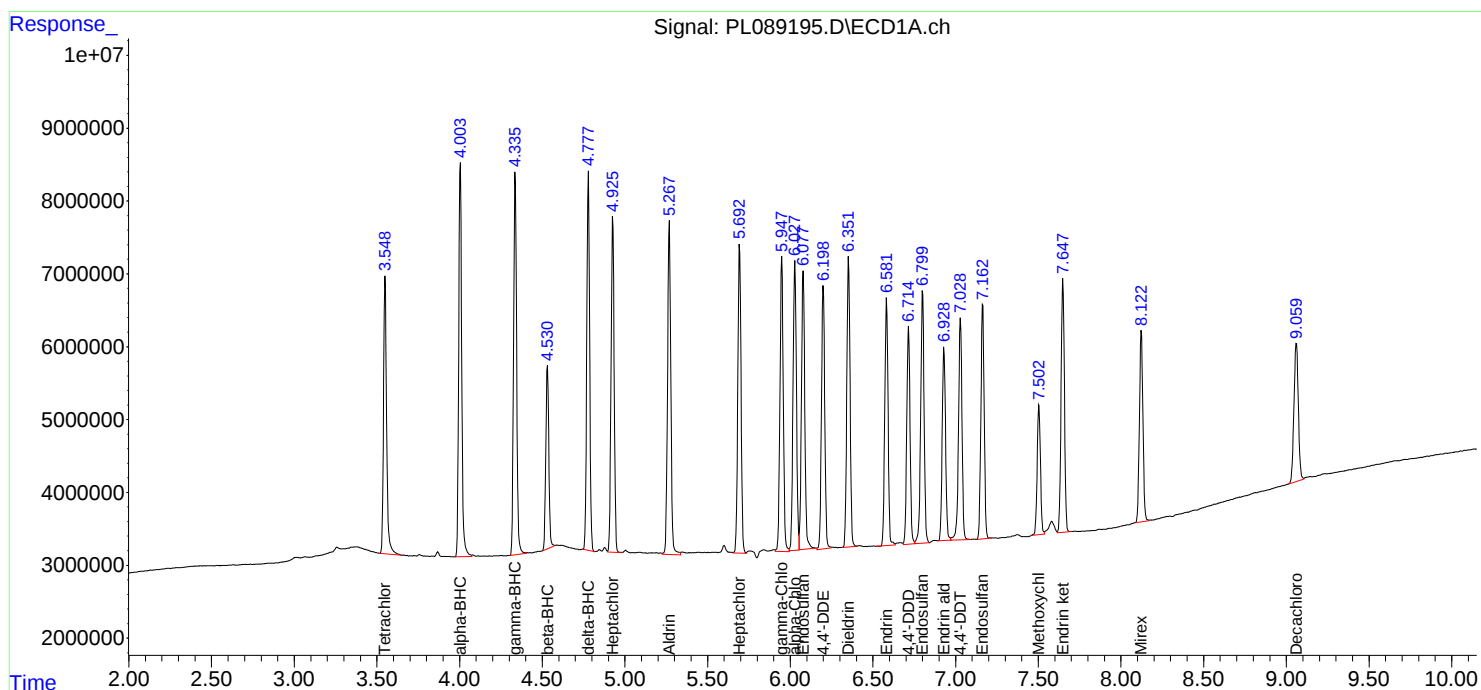
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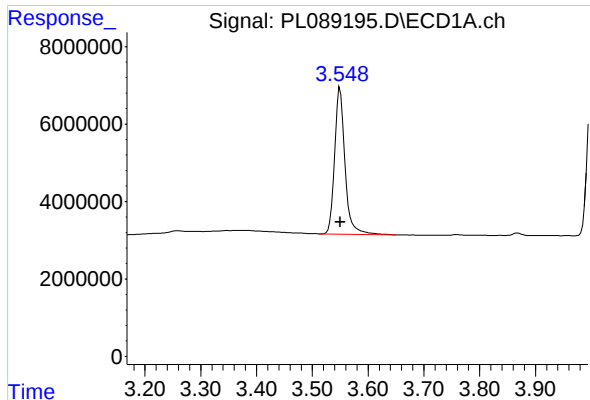
Reviewed By :Abdul Mirza 04/29/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 16:16:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 16:09:00 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





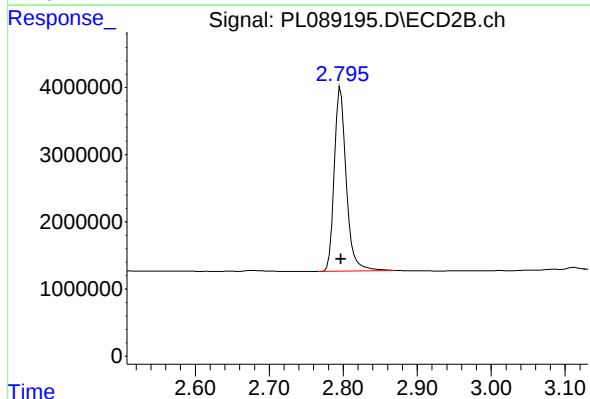
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 49018745
Conc: 25.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

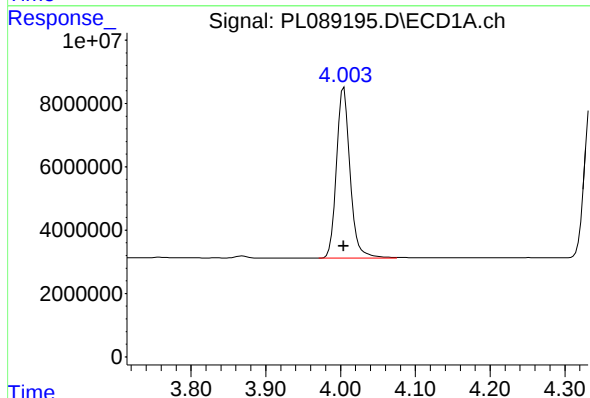
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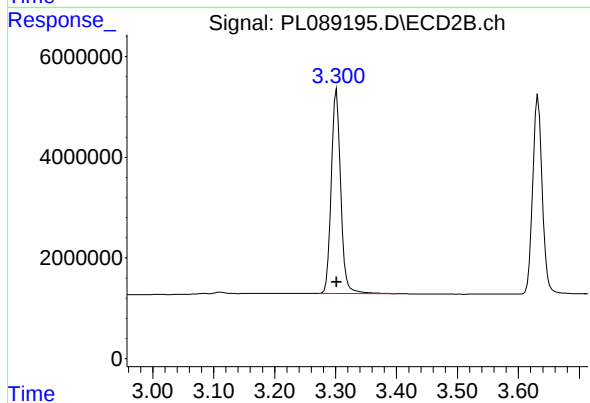
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 30900385
Conc: 24.48 ng/ml



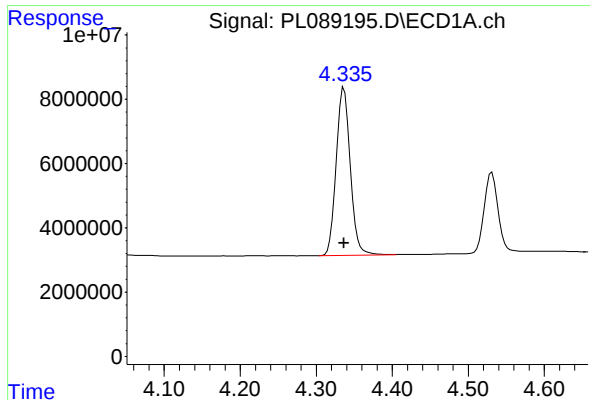
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 68385267
Conc: 25.09 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 43548393
Conc: 22.76 ng/ml



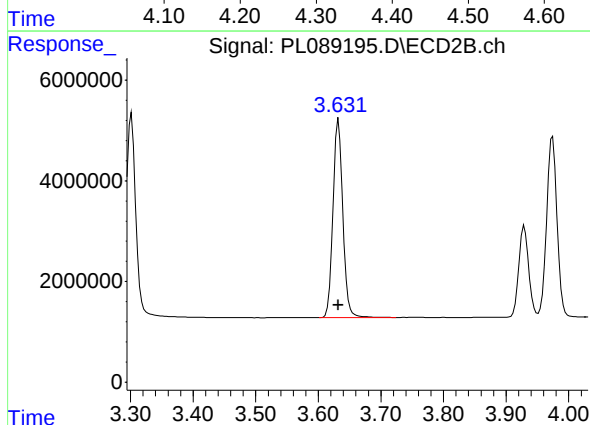
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 66930035
Conc: 25.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

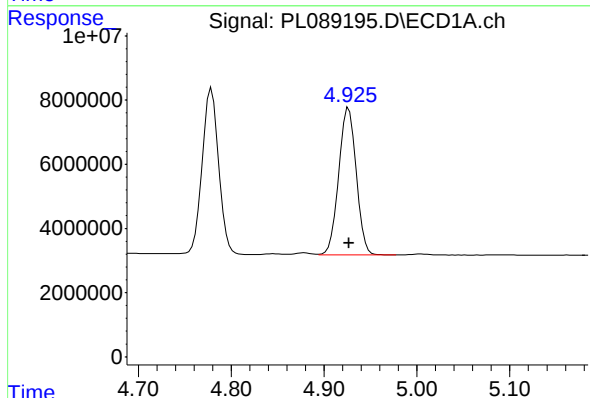
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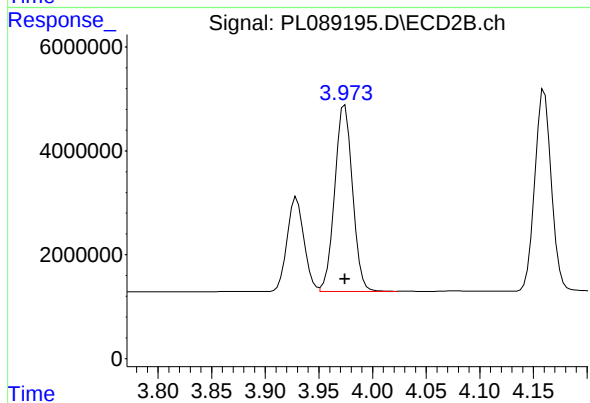
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 43189005
Conc: 23.17 ng/ml



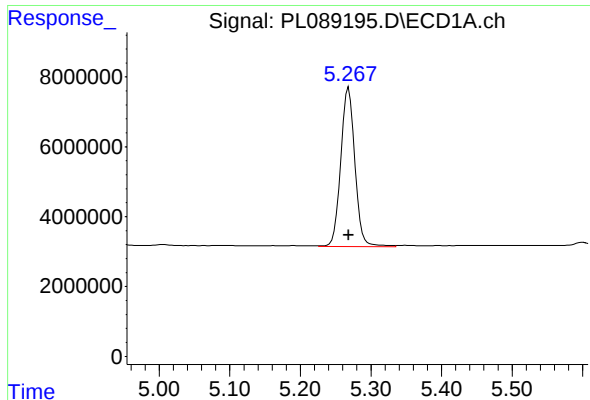
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 60152836
Conc: 26.18 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 41491457
Conc: 23.79 ng/ml



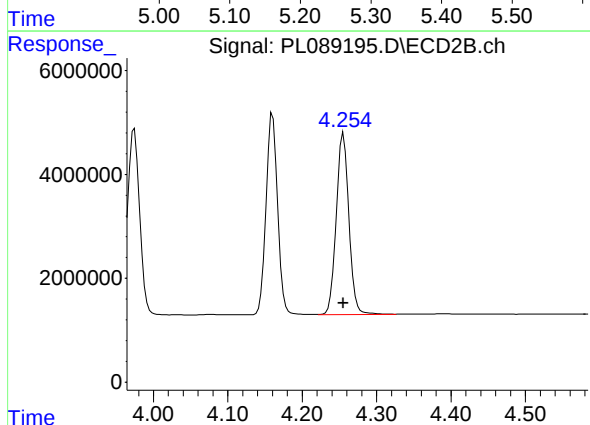
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 63211344
Conc: 26.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

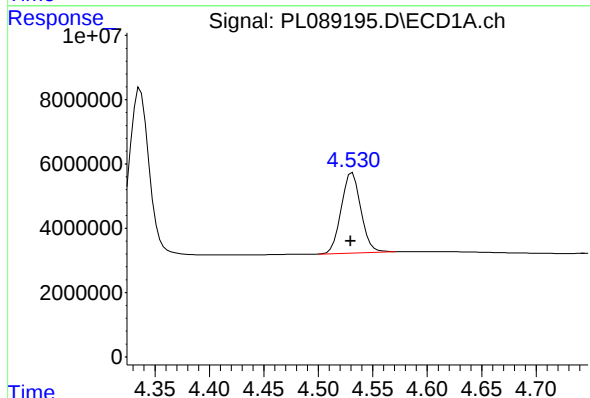
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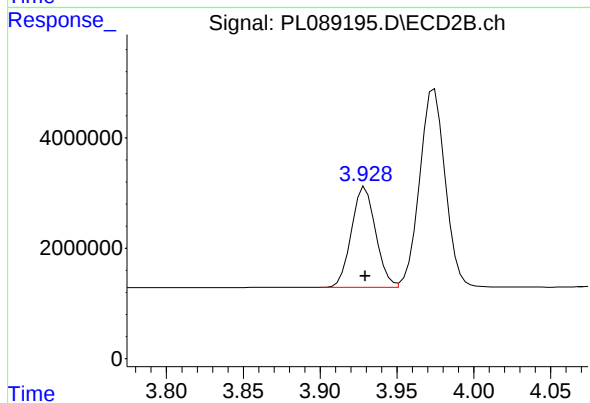
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 41361887
Conc: 23.35 ng/ml



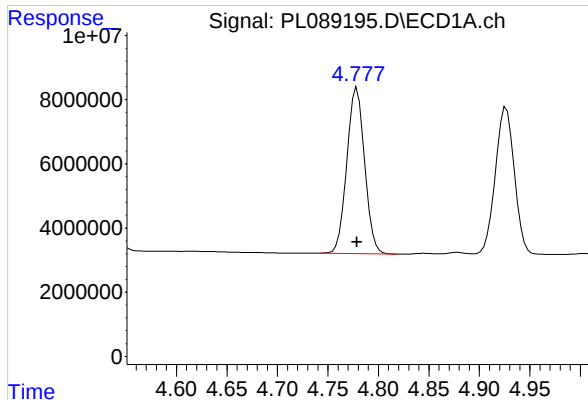
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 31414684
Conc: 26.66 ng/ml m



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 19932615
Conc: 25.06 ng/ml



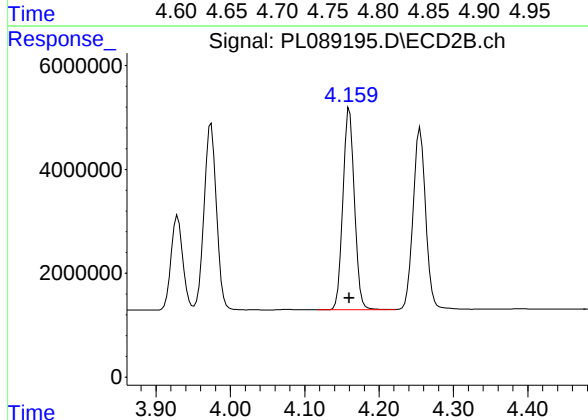
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 63341596
Conc: 25.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

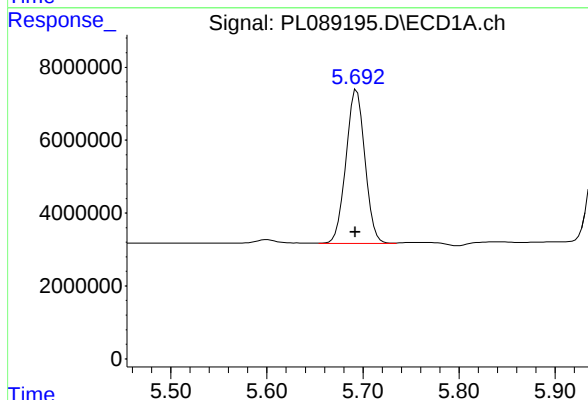
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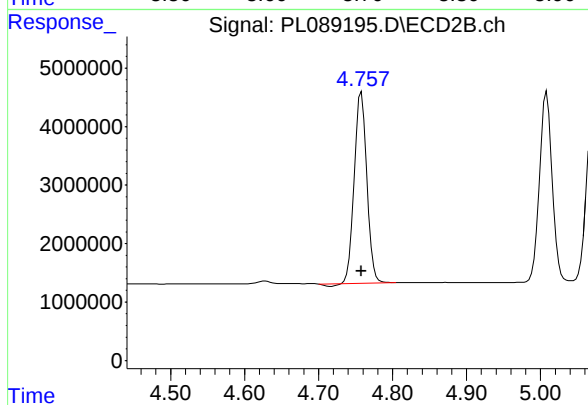
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 41895641
Conc: 22.95 ng/ml



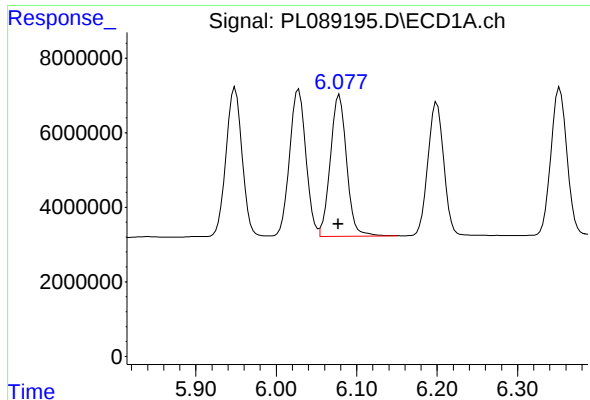
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 57774972
Conc: 26.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 38529191
Conc: 24.18 ng/ml



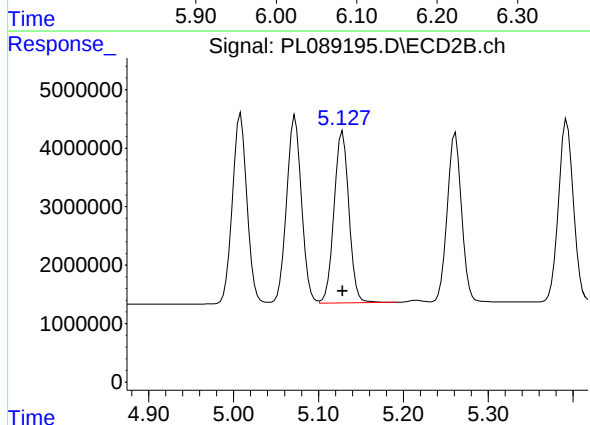
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 53186264
Conc: 26.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

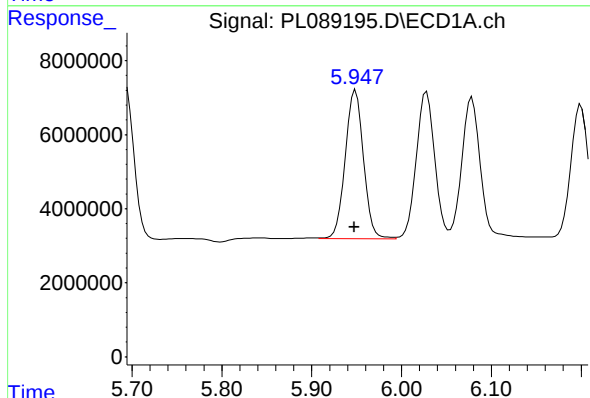
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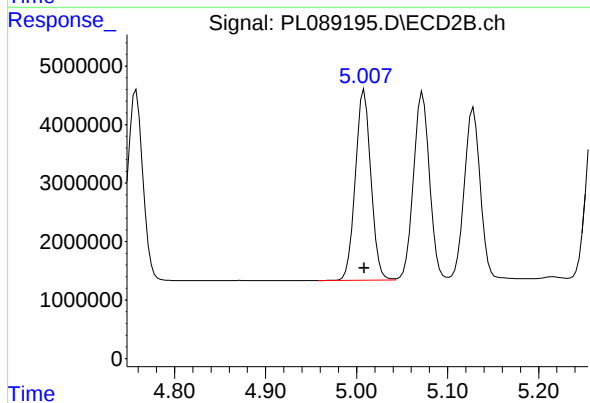
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 35709682
Conc: 24.20 ng/ml



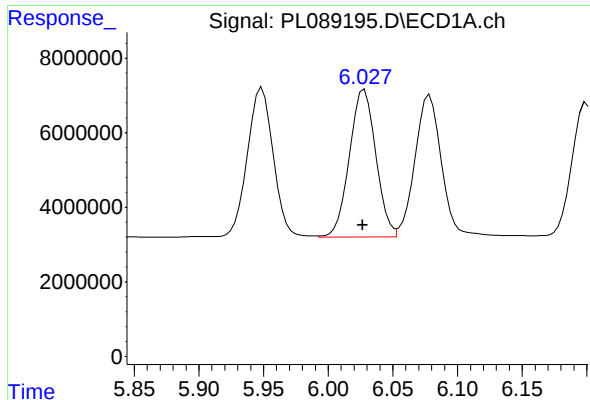
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 56523311
Conc: 26.72 ng/ml m



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 38800097
Conc: 23.94 ng/ml



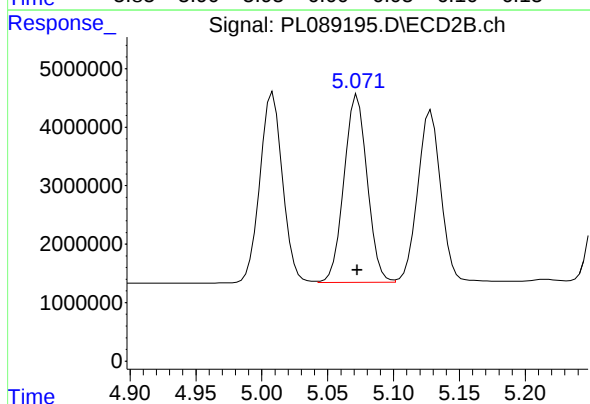
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 56173893
Conc: 26.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

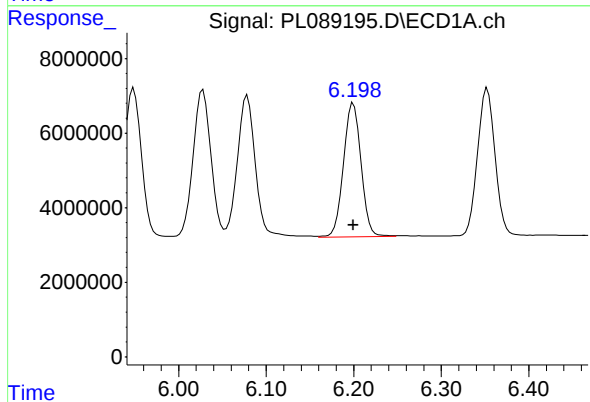
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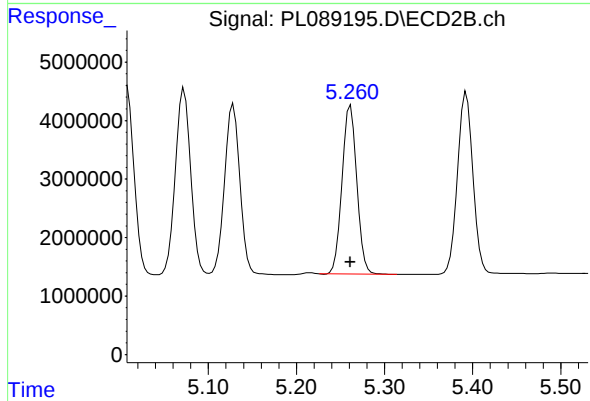
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 39180935
Conc: 24.10 ng/ml



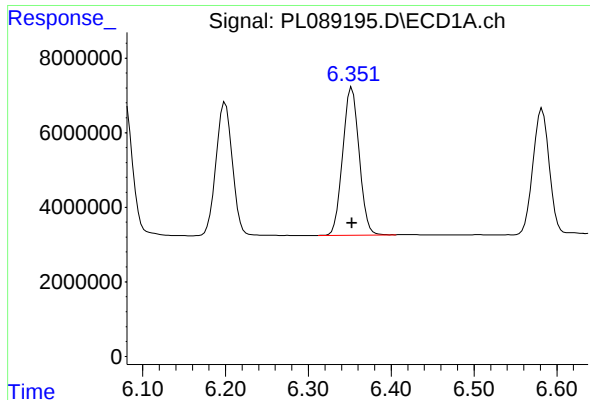
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 49819240
Conc: 26.27 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 33550426
Conc: 22.96 ng/ml



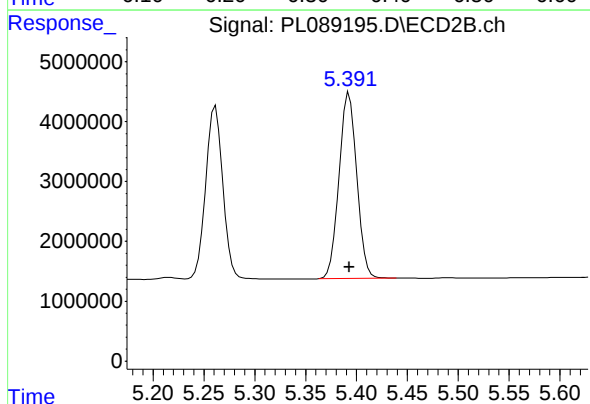
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 54710829
Conc: 26.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

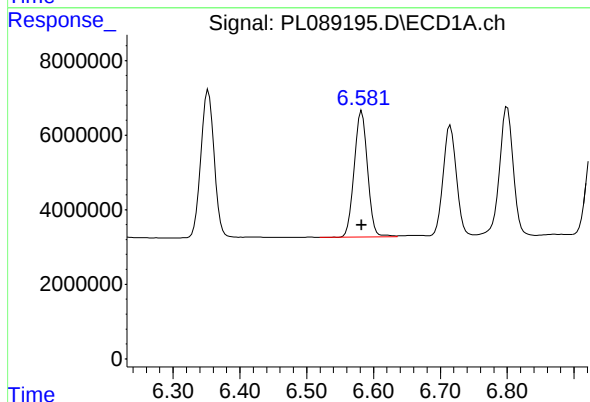
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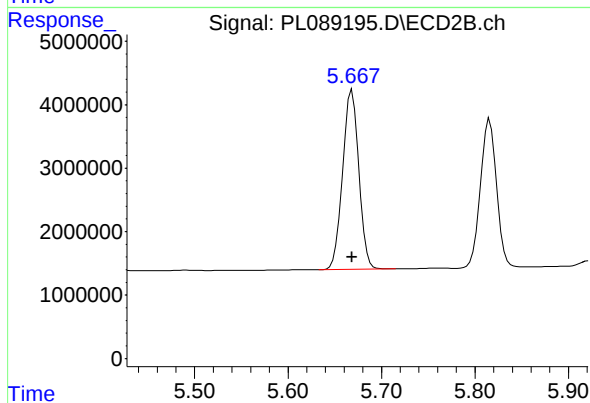
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 37715412
Conc: 23.54 ng/ml



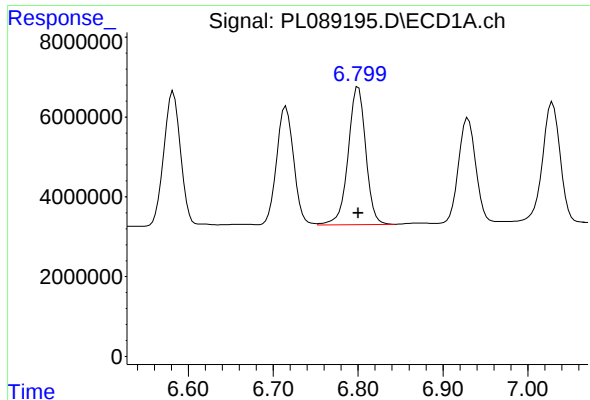
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 46567834
Conc: 26.25 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 33982862
Conc: 23.84 ng/ml



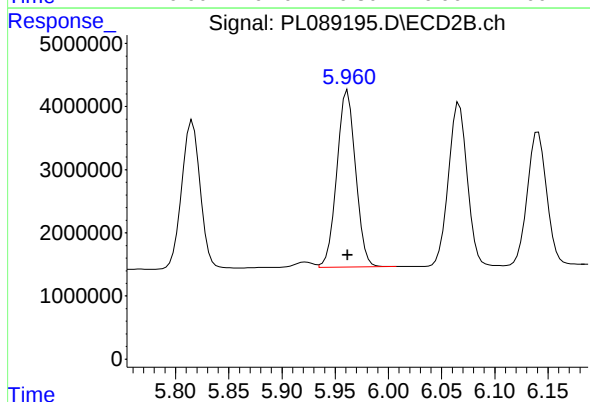
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 49836846
Conc: 26.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

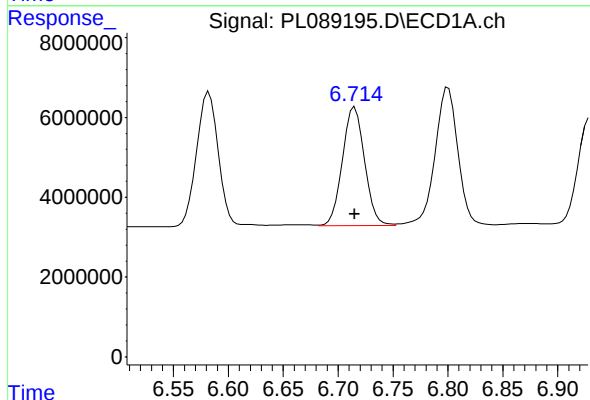
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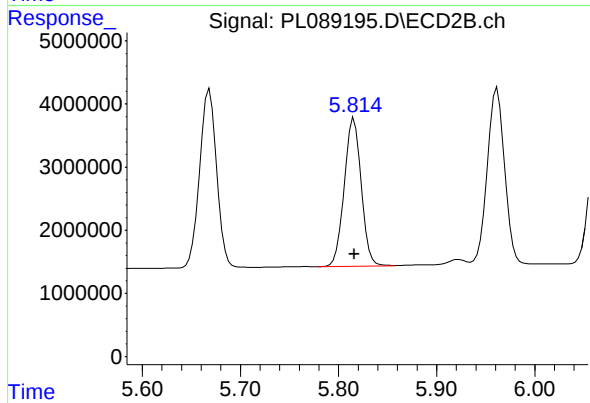
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 34227039
Conc: 24.42 ng/ml



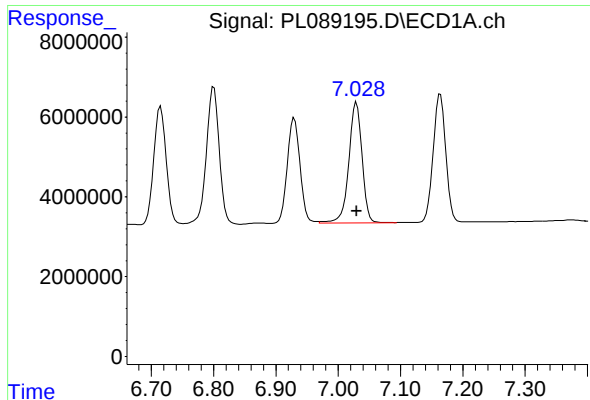
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 41719309
Conc: 26.45 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 28256308
Conc: 23.11 ng/ml



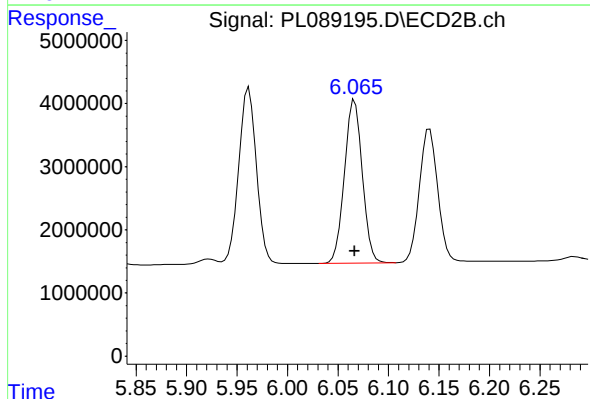
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 44795018
Conc: 26.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

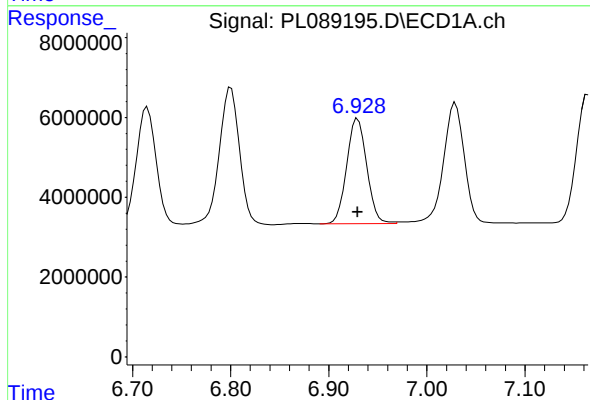
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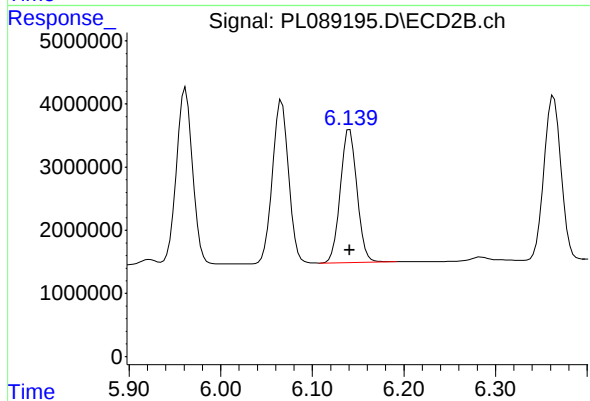
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 31830016
Conc: 23.59 ng/ml



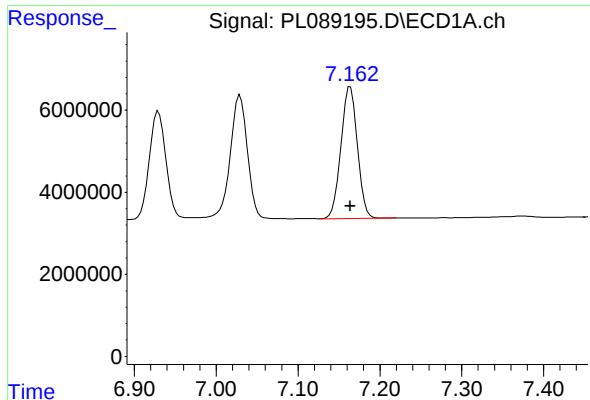
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 37422860
Conc: 26.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 26727475
Conc: 24.89 ng/ml



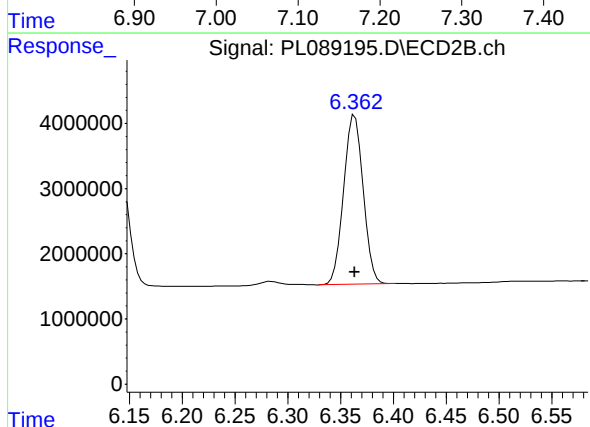
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 44955034
Conc: 26.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

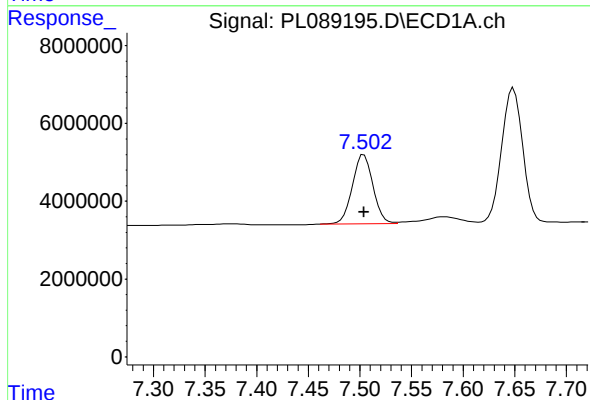
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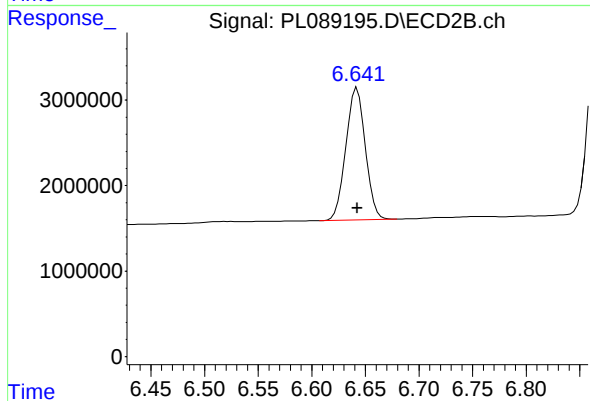
#19 Endosulfan Sulfate

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 33440704
Conc: 24.69 ng/ml



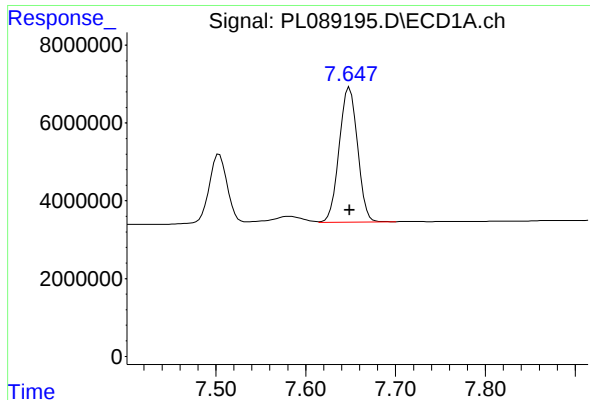
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 24668977
Conc: 26.94 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 19523879
Conc: 25.15 ng/ml



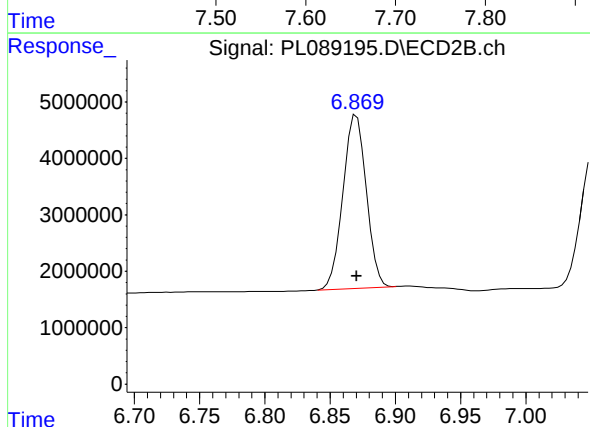
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 49186772
Conc: 26.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

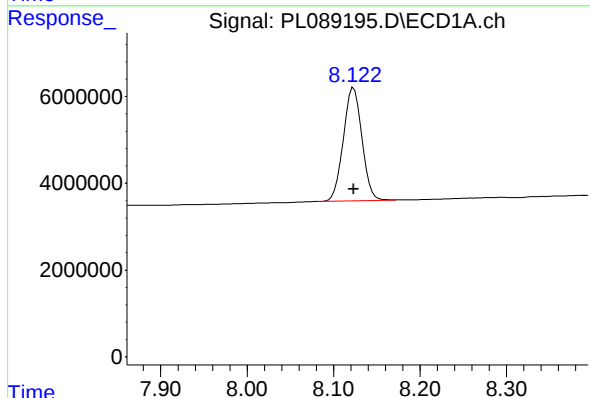
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Reviewed By :Abdul Mirza 04/29/2024
Supervised By :mohammad ahmed 05/02/2024



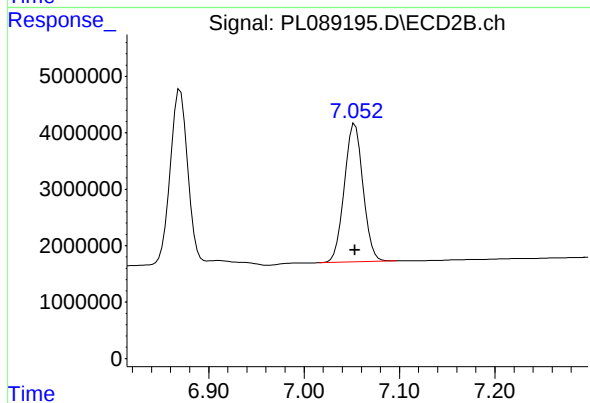
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 38266537
Conc: 24.16 ng/ml



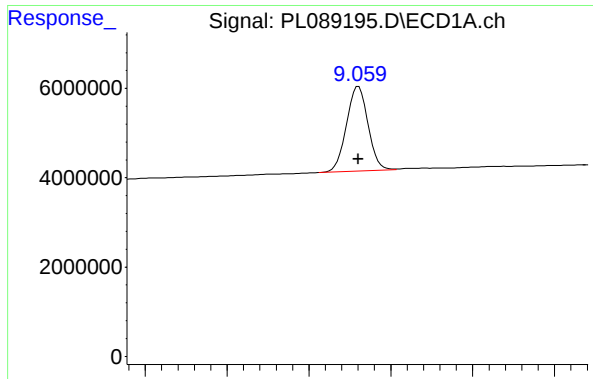
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 38748805
Conc: 26.58 ng/ml



#22 Mirex

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 33431317
Conc: 25.57 ng/ml



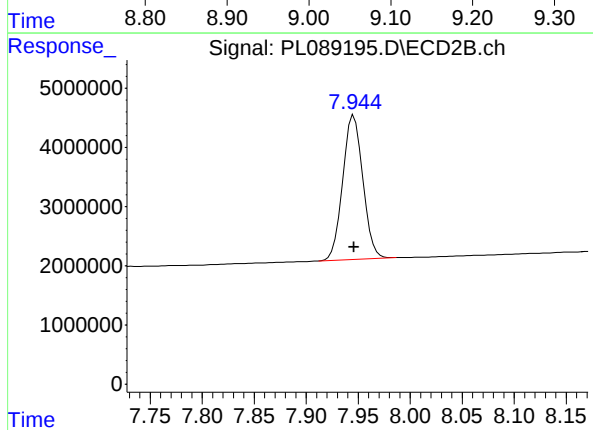
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 34803406
Conc: 25.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2024
Supervised By :mohammad ahmed 05/02/2024



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 32795361
Conc: 25.20 ng/ml