

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
 Data File : PL071035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2021 19:20
 Operator : AR\AJ
 Sample : M4713-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-2-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/18/2021
 Supervised By : mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 00:53:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.566	5.520f	10737141	28092978	21.921	22.281
28) SA Decachlor...	10.328	11.409f	13846045	26024944	20.264	19.460
Target Compounds						
2) A alpha-BHC	5.272	6.100f	33675416	99667224	50.306	54.143
3) MA gamma-BHC...	5.695	6.494f	33480367	91558791	49.912	52.800m
4) MA Heptachlor	6.102	7.141f	35046534	90461472	48.845	55.693m
5) MB Aldrin	6.426	7.511f	32569921	85144066	50.933	52.434m
6) B beta-BHC	6.077	6.753f	15411110	43182372	47.443	50.398
7) B delta-BHC	6.336	7.017f	32865726	93049760	49.660	55.643m
8) B Heptachlo...	7.003	7.978f	31778824	78800082	48.879	51.701m
9) A Endosulfan I	7.405	8.384f	29826047	72706267	48.690	50.539
10) B gamma-Chl...	7.279	8.249f	31697973	78013024	47.751	50.384
11) B alpha-Chl...	7.349	8.329f	32272699	77115598	48.431	50.702
12) B 4,4'-DDE	7.564	8.519f	28649658	76301705	49.173	51.712
13) MA Dieldrin	7.691	8.673f	30458606	75650712	48.795	51.918
14) MA Endrin	7.982	8.912f	27643444	63941340	48.757	55.203
15) B Endosulfa...	8.293	9.145f	27500171	62988520	45.429	51.573m
16) A 4,4'-DDD	8.150	9.057f	25761735	62892166	50.703	52.261m
17) MA 4,4'-DDT	8.410	9.374f	23885200	56468386	43.430	44.760
18) B Endrin al...	8.481	9.281f	22070872	48385355	48.581	50.034
19) B Endosulfa...	8.712	9.519f	29094283	60686074	47.163	48.964
20) A Methoxychlor	9.006	9.861f	17133569	31891663	46.833	47.121
21) B Endrin ke...	9.229	10.015f	34438047	68420052	48.161	47.663
22) Mirex	9.413	10.478f	29354697	47600592	47.798	45.699m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
Data File : PL071035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2021 19:20
Operator : AR\AJ
Sample : M4713-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

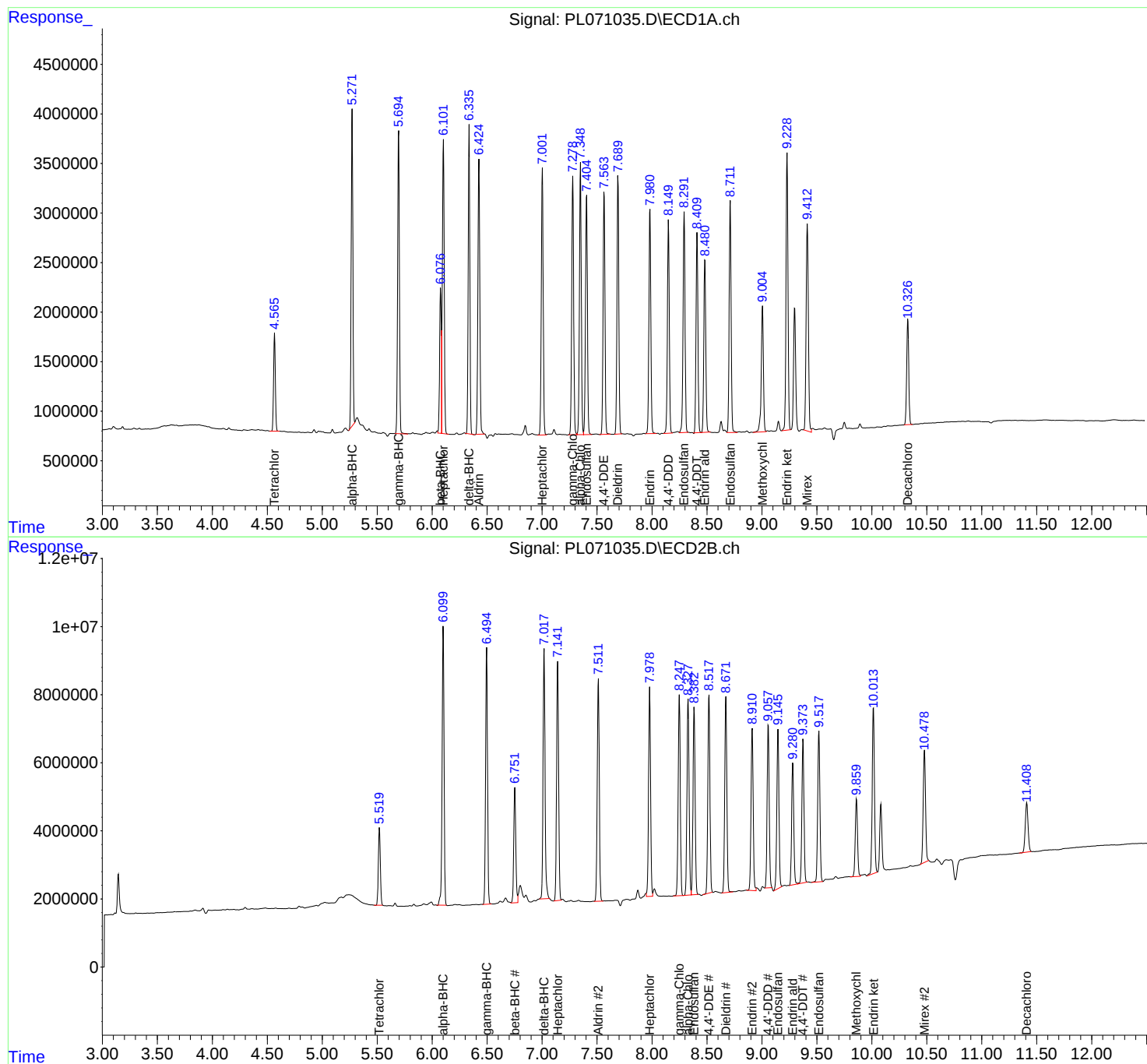
Instrument :
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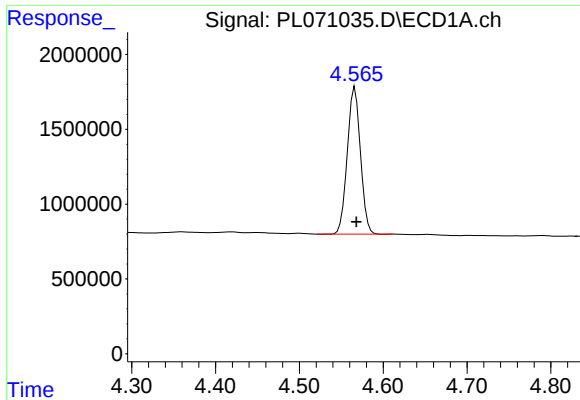
Manual Integrations
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Supervised By :mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 00:53:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
Quant Title : GC Extractables
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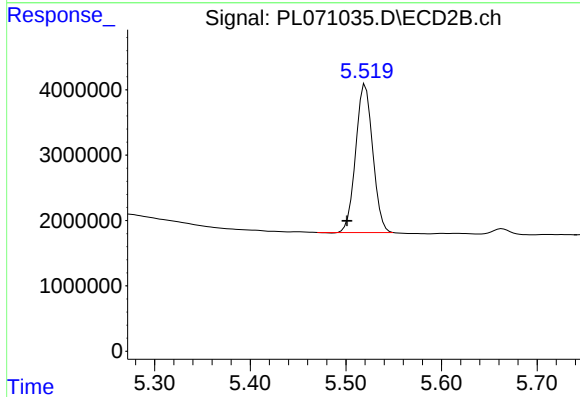
#1 Tetrachloro-m-xylene

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 10737141
Conc: 21.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

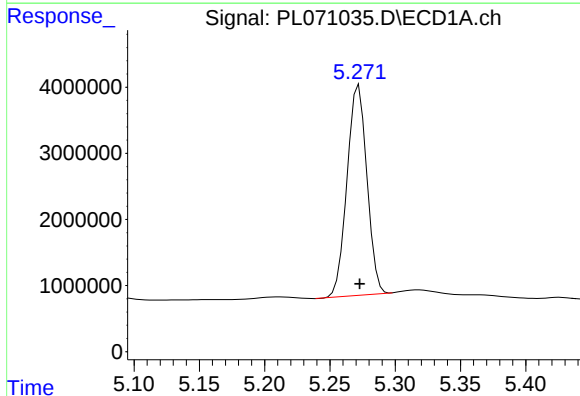
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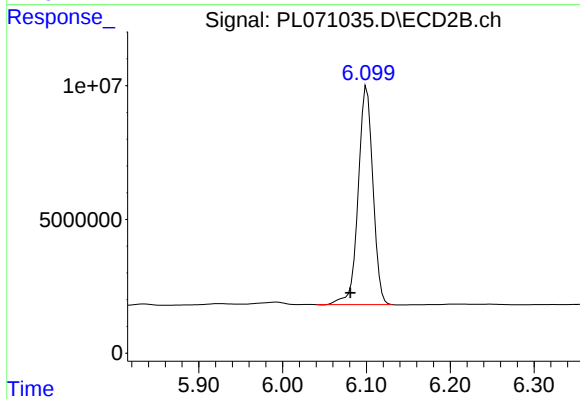
#1 Tetrachloro-m-xylene

R.T.: 5.520 min
Delta R.T.: 0.019 min
Response: 28092978
Conc: 22.28 ng/ml



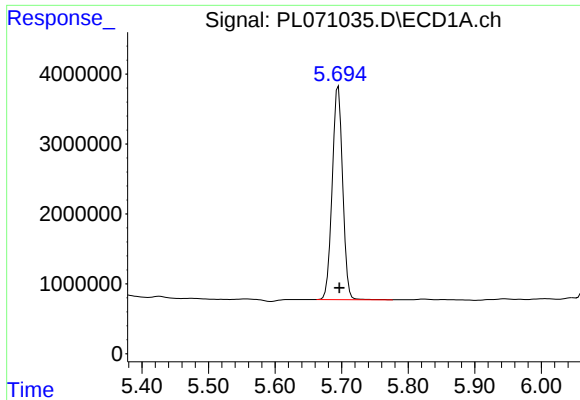
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 33675416
Conc: 50.31 ng/ml



#2 alpha-BHC

R.T.: 6.100 min
Delta R.T.: 0.019 min
Response: 99667224
Conc: 54.14 ng/ml



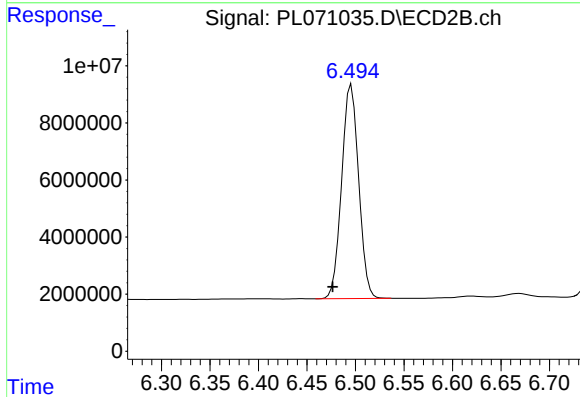
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 33480367
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

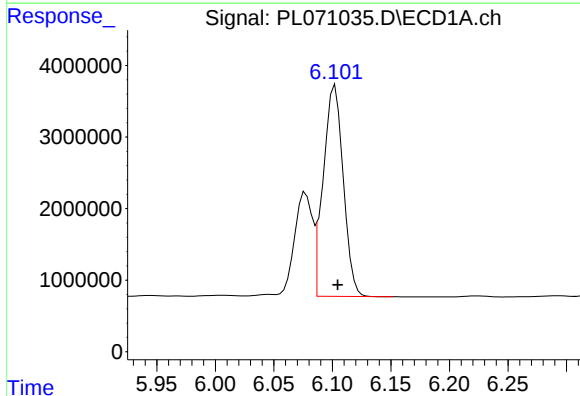
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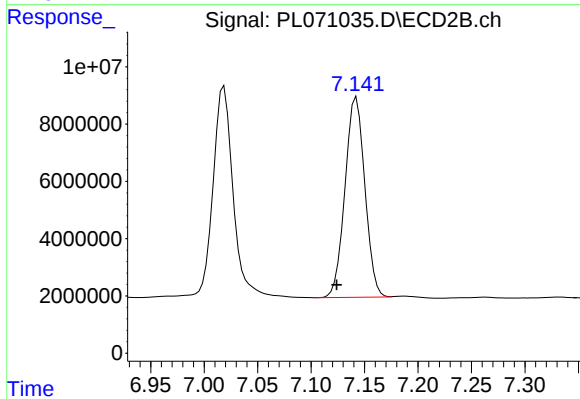
#3 gamma-BHC (Lindane)

R.T.: 6.494 min
Delta R.T.: 0.018 min
Response: 91558791
Conc: 52.80 ng/ml m



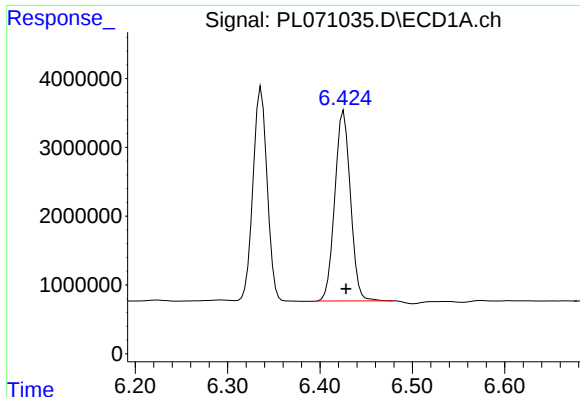
#4 Heptachlor

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 35046534
Conc: 48.84 ng/ml



#4 Heptachlor

R.T.: 7.141 min
Delta R.T.: 0.017 min
Response: 90461472
Conc: 55.69 ng/ml m



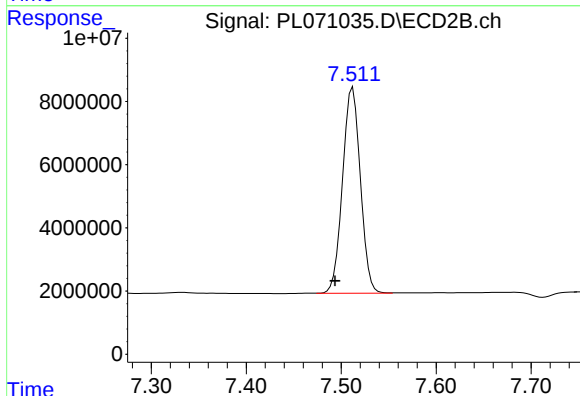
#5 Aldrin

R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 32569921
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

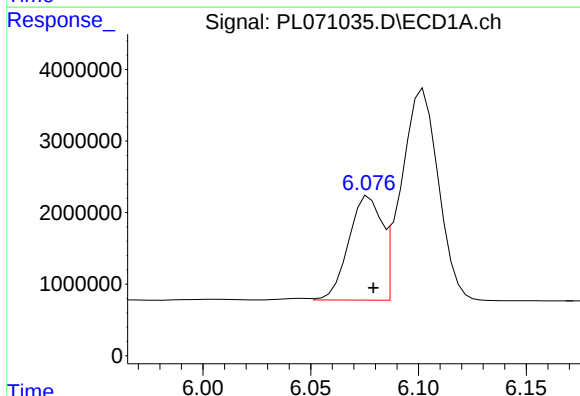
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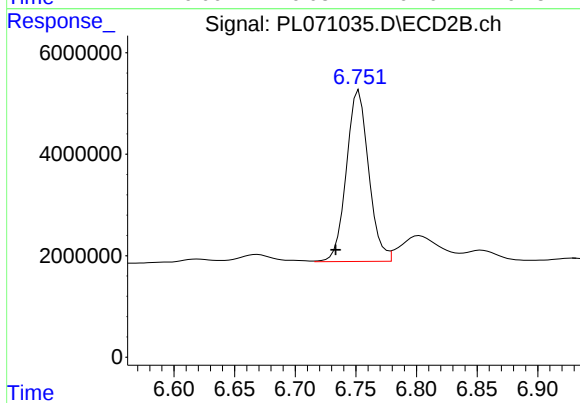
#5 Aldrin

R.T.: 7.511 min
Delta R.T.: 0.017 min
Response: 85144066
Conc: 52.43 ng/ml m



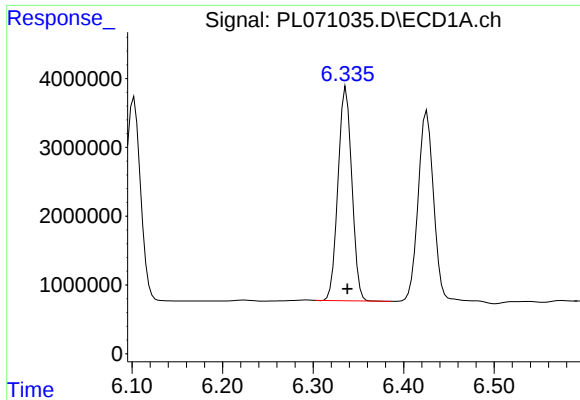
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 15411110
Conc: 47.44 ng/ml



#6 beta-BHC

R.T.: 6.753 min
Delta R.T.: 0.019 min
Response: 43182372
Conc: 50.40 ng/ml



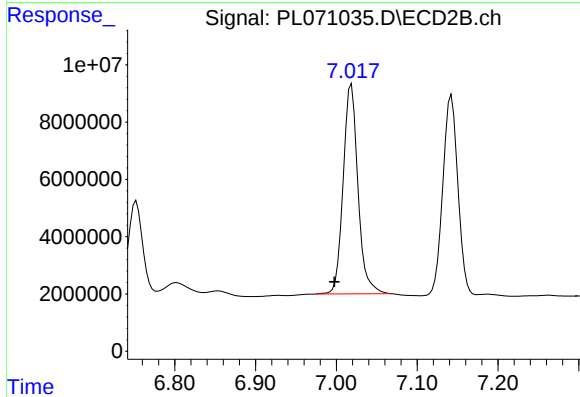
#7 delta-BHC

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 32865726
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

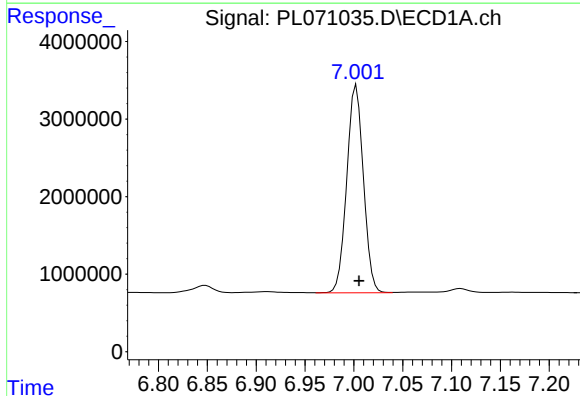
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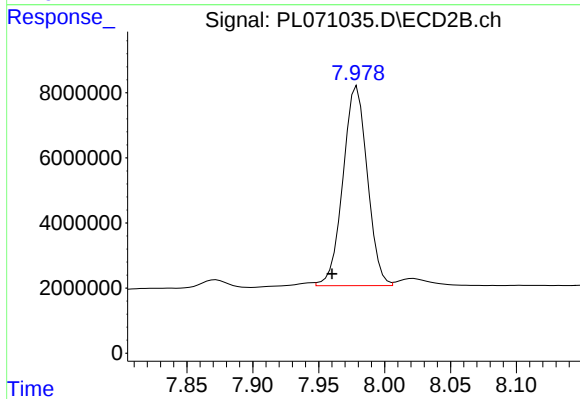
#7 delta-BHC

R.T.: 7.017 min
Delta R.T.: 0.019 min
Response: 93049760
Conc: 55.64 ng/ml m



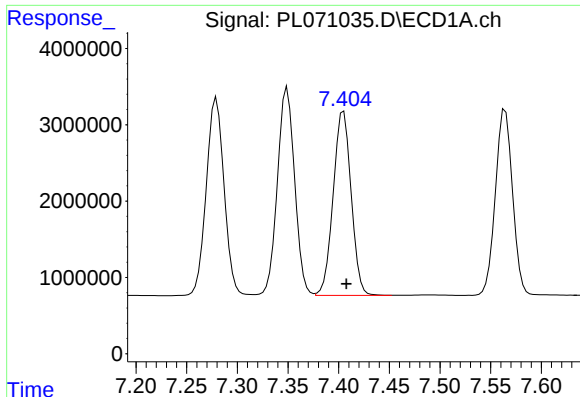
#8 Heptachlor epoxide

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 31778824
Conc: 48.88 ng/ml



#8 Heptachlor epoxide

R.T.: 7.978 min
Delta R.T.: 0.018 min
Response: 78800082
Conc: 51.70 ng/ml m



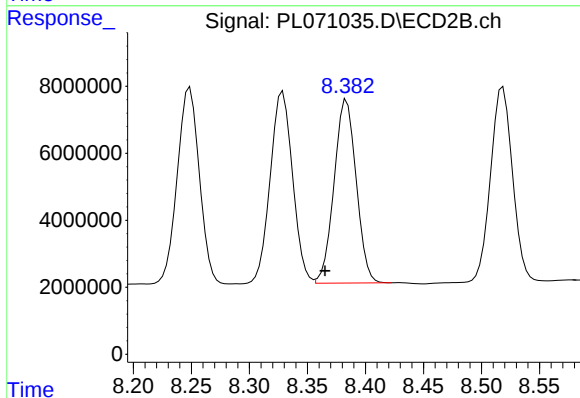
#9 Endosulfan I

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 29826047
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

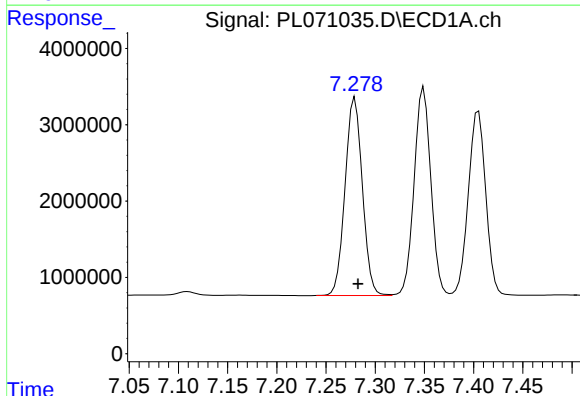
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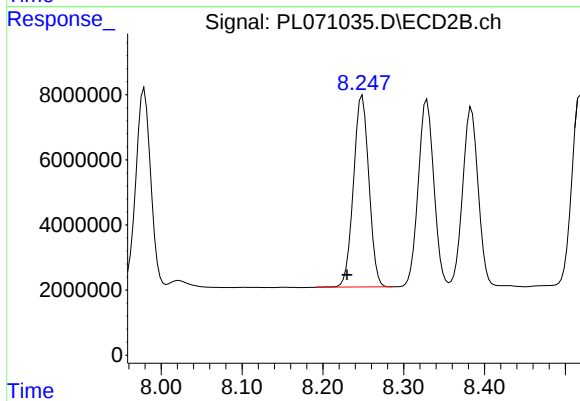
#9 Endosulfan I

R.T.: 8.384 min
Delta R.T.: 0.019 min
Response: 72706267
Conc: 50.54 ng/ml



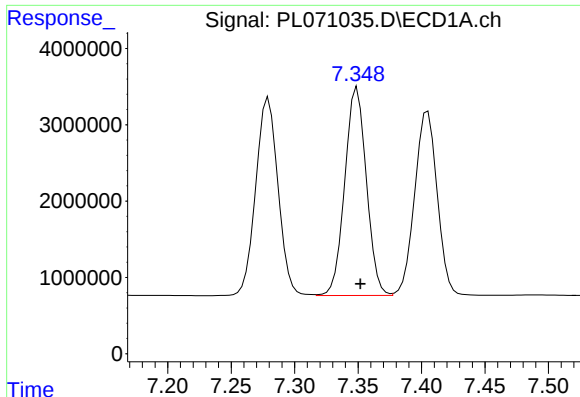
#10 gamma-Chlordane

R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 31697973
Conc: 47.75 ng/ml



#10 gamma-Chlordane

R.T.: 8.249 min
Delta R.T.: 0.019 min
Response: 78013024
Conc: 50.38 ng/ml



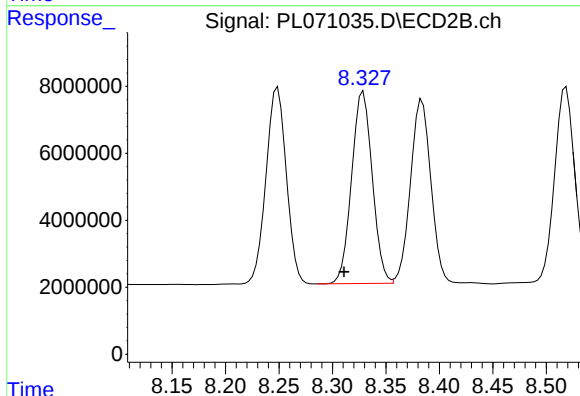
#11 alpha-Chlordane

R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 32272699
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

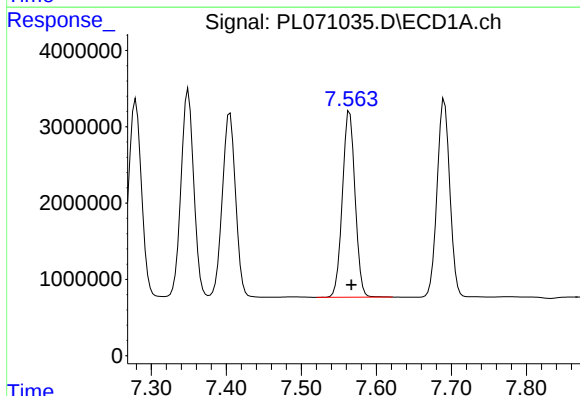
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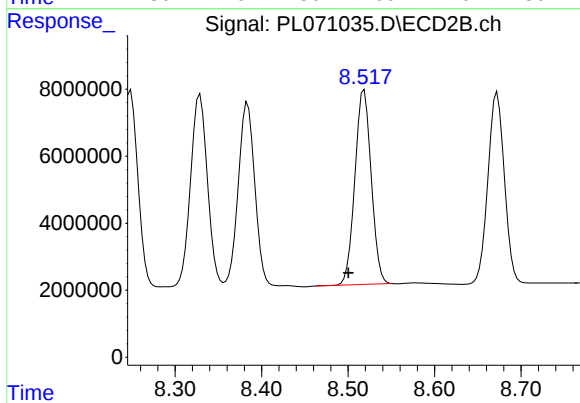
#11 alpha-Chlordane

R.T.: 8.329 min
Delta R.T.: 0.018 min
Response: 77115598
Conc: 50.70 ng/ml



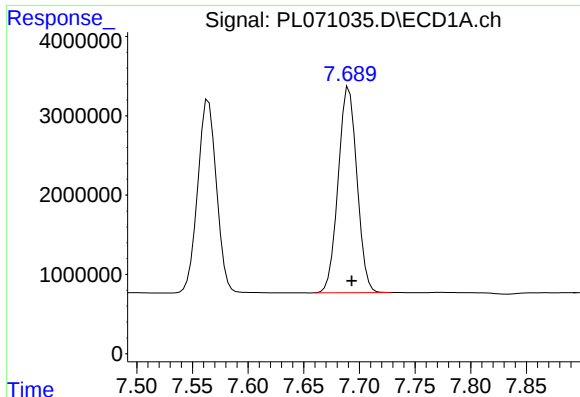
#12 4,4'-DDE

R.T.: 7.564 min
Delta R.T.: -0.003 min
Response: 28649658
Conc: 49.17 ng/ml



#12 4,4'-DDE

R.T.: 8.519 min
Delta R.T.: 0.018 min
Response: 76301705
Conc: 51.71 ng/ml



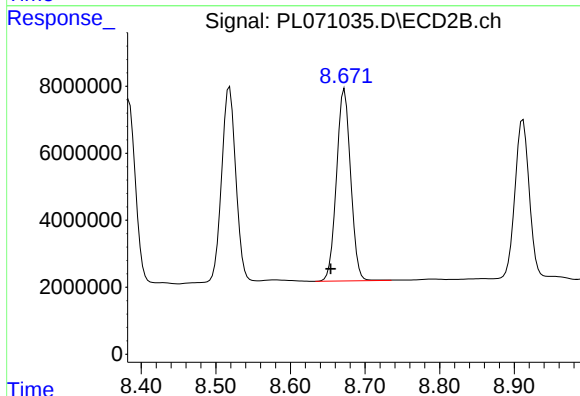
#13 Dieldrin

R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 30458606
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

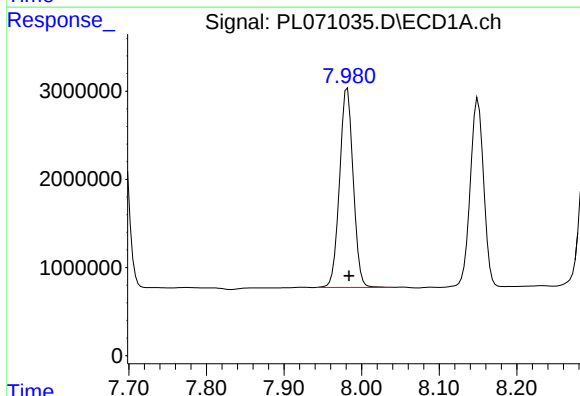
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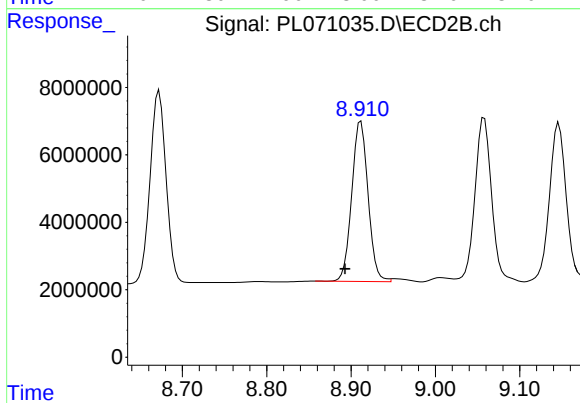
#13 Dieldrin

R.T.: 8.673 min
Delta R.T.: 0.018 min
Response: 75650712
Conc: 51.92 ng/ml



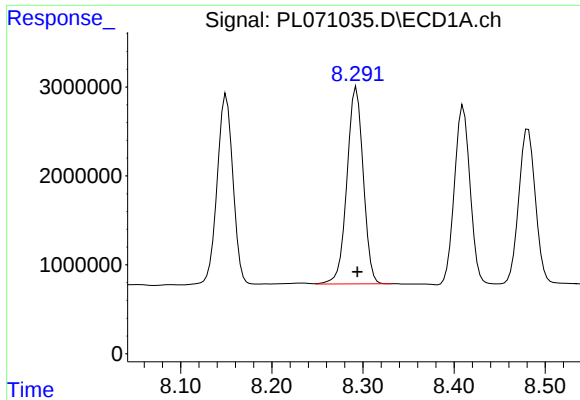
#14 Endrin

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 27643444
Conc: 48.76 ng/ml



#14 Endrin

R.T.: 8.912 min
Delta R.T.: 0.019 min
Response: 63941340
Conc: 55.20 ng/ml



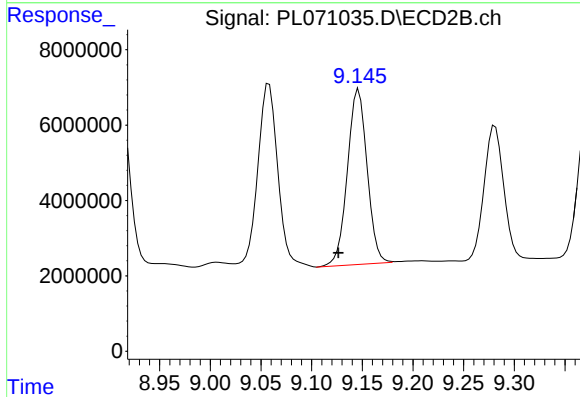
#15 Endosulfan II

R.T.: 8.293 min
Delta R.T.: -0.001 min
Response: 27500171
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

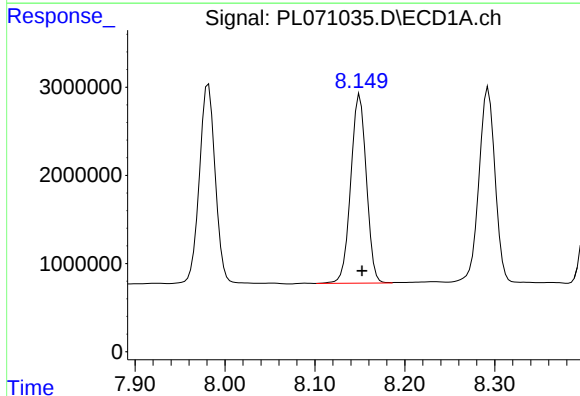
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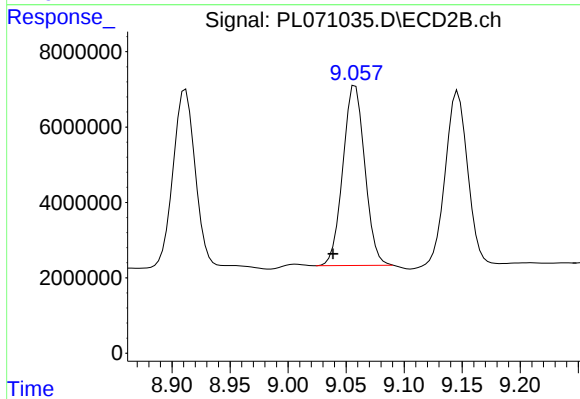
#15 Endosulfan II

R.T.: 9.145 min
Delta R.T.: 0.019 min
Response: 62988520
Conc: 51.57 ng/ml m



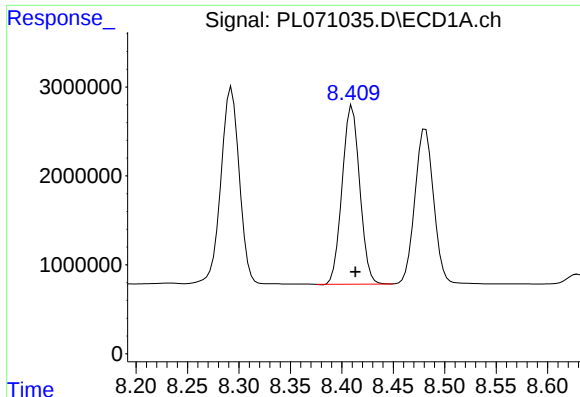
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 25761735
Conc: 50.70 ng/ml



#16 4,4'-DDD

R.T.: 9.057 min
Delta R.T.: 0.018 min
Response: 62892166
Conc: 52.26 ng/ml m



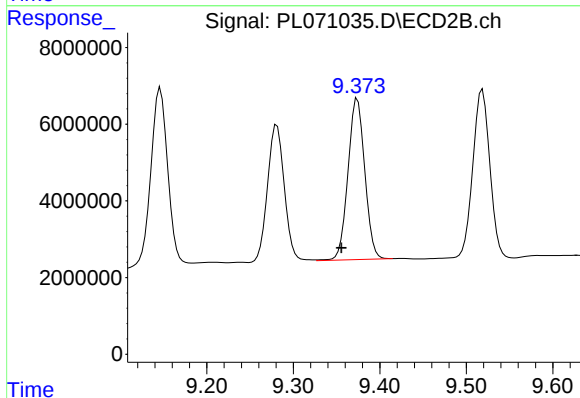
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: -0.003 min
Response: 23885200
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

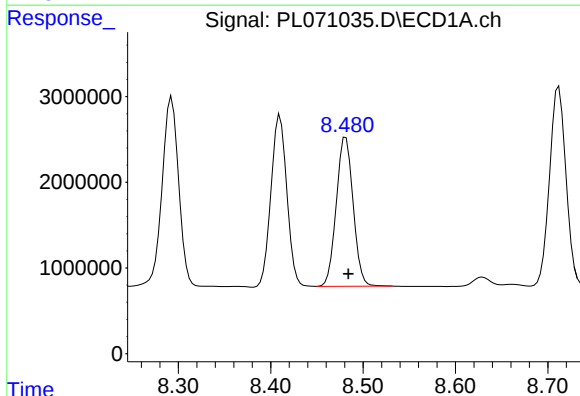
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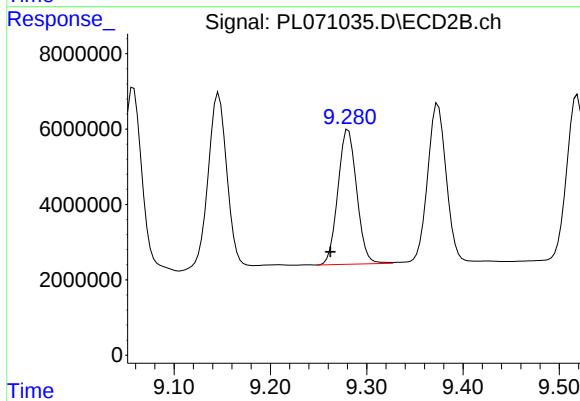
#17 4,4'-DDT

R.T.: 9.374 min
Delta R.T.: 0.018 min
Response: 56468386
Conc: 44.76 ng/ml



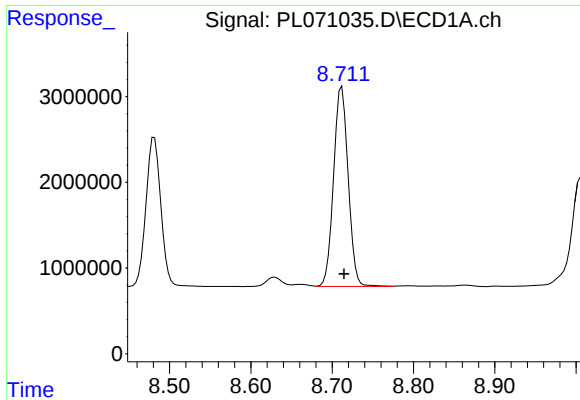
#18 Endrin aldehyde

R.T.: 8.481 min
Delta R.T.: -0.003 min
Response: 22070872
Conc: 48.58 ng/ml



#18 Endrin aldehyde

R.T.: 9.281 min
Delta R.T.: 0.019 min
Response: 48385355
Conc: 50.03 ng/ml



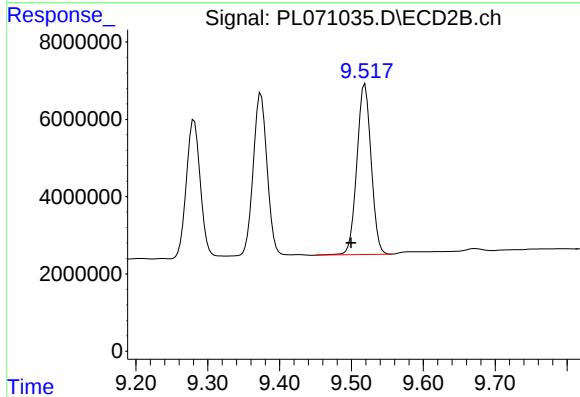
#19 Endosulfan Sulfate

R.T.: 8.712 min
Delta R.T.: -0.003 min
Response: 29094283
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

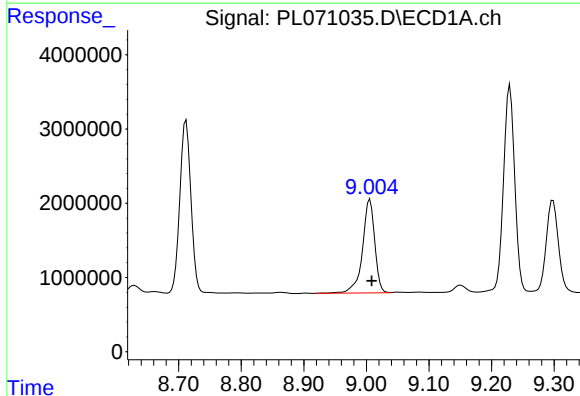
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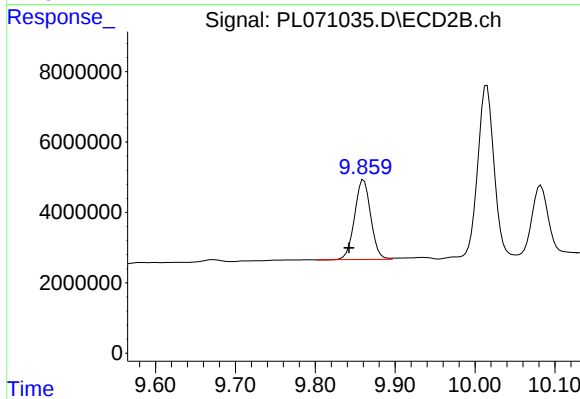
#19 Endosulfan Sulfate

R.T.: 9.519 min
Delta R.T.: 0.019 min
Response: 60686074
Conc: 48.96 ng/ml



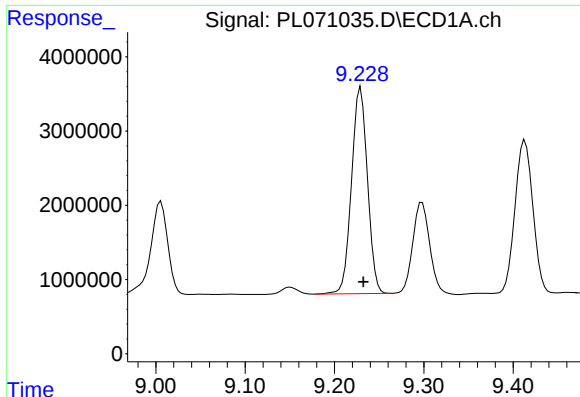
#20 Methoxychlor

R.T.: 9.006 min
Delta R.T.: -0.003 min
Response: 17133569
Conc: 46.83 ng/ml



#20 Methoxychlor

R.T.: 9.861 min
Delta R.T.: 0.018 min
Response: 31891663
Conc: 47.12 ng/ml



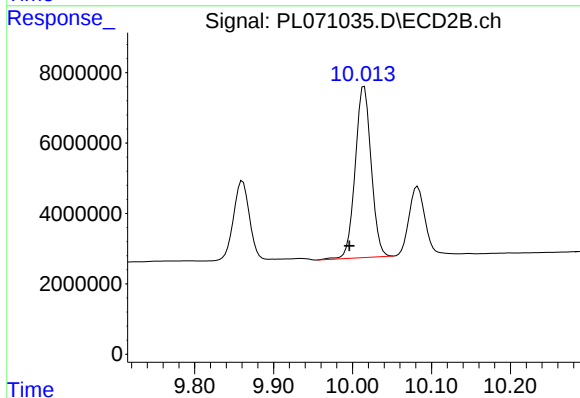
#21 Endrin ketone

R.T.: 9.229 min
Delta R.T.: -0.003 min
Response: 34438047
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

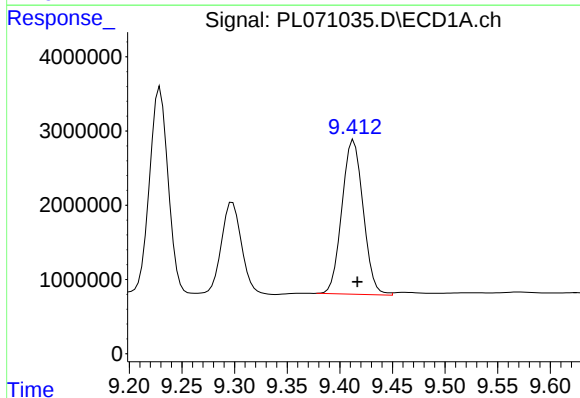
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Supervised By :mohammad ahmed 11/18/2021



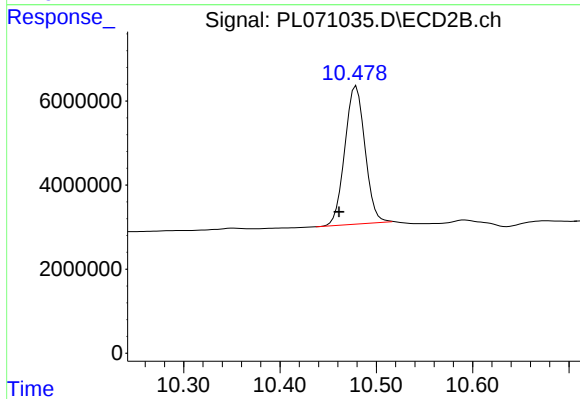
#21 Endrin ketone

R.T.: 10.015 min
Delta R.T.: 0.019 min
Response: 68420052
Conc: 47.66 ng/ml



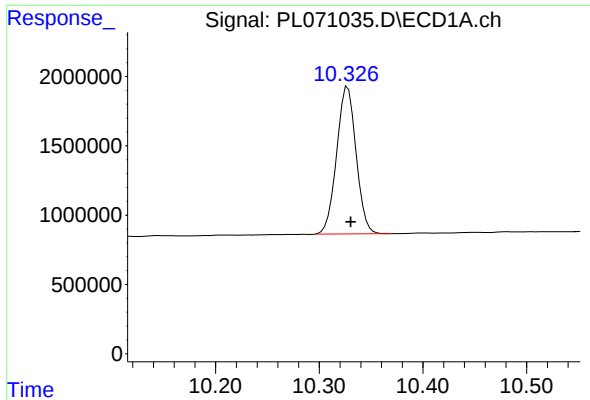
#22 Mirex

R.T.: 9.413 min
Delta R.T.: -0.004 min
Response: 29354697
Conc: 47.80 ng/ml



#22 Mirex

R.T.: 10.478 min
Delta R.T.: 0.016 min
Response: 47600592
Conc: 45.70 ng/ml m



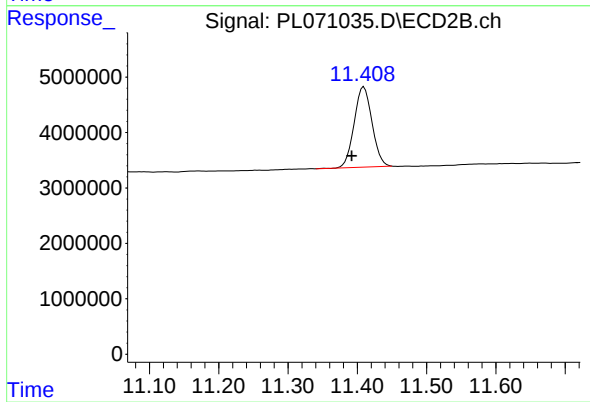
#28 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 13846045
Conc: 20.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



#28 Decachlorobiphenyl

R.T.: 11.409 min
Delta R.T.: 0.018 min
Response: 26024944
Conc: 19.46 ng/ml