

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 14:28
 Operator : AR\AJ
 Sample : M4433-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSC-124055MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/03/2021
 Supervised By : mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:43:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 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...	4.583	5.518	8812881	22372307	19.545	16.083
28)	SA Decachlor...	10.345	11.417	8517309	17043062	14.267	11.922
Target Compounds							
2)	A alpha-BHC	5.289	6.098	32244405	86990912	50.270	41.043
3)	MA gamma-BHC...	5.712	6.494	30777092	81975517	49.408	41.222
4)	MA Heptachlor	6.120	7.142	31752568	80119278	47.148	39.181
5)	MB Aldrin	6.443	7.510	29179242	76770360	49.295	40.556m
6)	B beta-BHC	6.093	6.750	14517665	37819295	45.864	38.034
7)	B delta-BHC	6.353	7.017	29145274	83994774	47.811	37.091
8)	B Heptachlo...	7.020	7.978	28762352	70639892	48.063	40.426
9)	A Endosulfan I	7.422	8.384	27264441	66222949	48.478	39.310
10)	B gamma-Chl...	7.297	8.248	30146242	72332459	49.686	39.768
11)	B alpha-Chl...	7.367	8.329	29571298	72241725	48.660	40.554
12)	B 4,4'-DDE	7.582	8.517	26235622	68285987	50.342	37.842
13)	MA Dieldrin	7.708	8.673	28796073	70704268	50.166	40.130
14)	MA Endrin	7.999	8.912	26177106	59554724	48.744	39.325
15)	B Endosulfa...	8.311	9.146	24828499	60814819	43.489	40.621
16)	A 4,4'-DDD	8.167	9.057	23011325	61591885	50.435	38.310
17)	MA 4,4'-DDT	8.428	9.374	26234145	62610521	50.555	38.732
18)	B Endrin al...	8.499	9.281	20413154	45690252	47.854	38.799
19)	B Endosulfa...	8.730	9.519	26786852	56861625	47.523	37.937
20)	A Methoxychlor	9.023	9.861	15797519	30476615	47.548	36.405
21)	B Endrin ke...	9.248	10.015	29929109	62492206	47.190	38.244
22)	Mirex	9.433	10.480	25568499	45363568	44.984	37.933

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

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Data File : PL070726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Nov 2021 14:28
Operator : AR\AJ
Sample : M4433-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

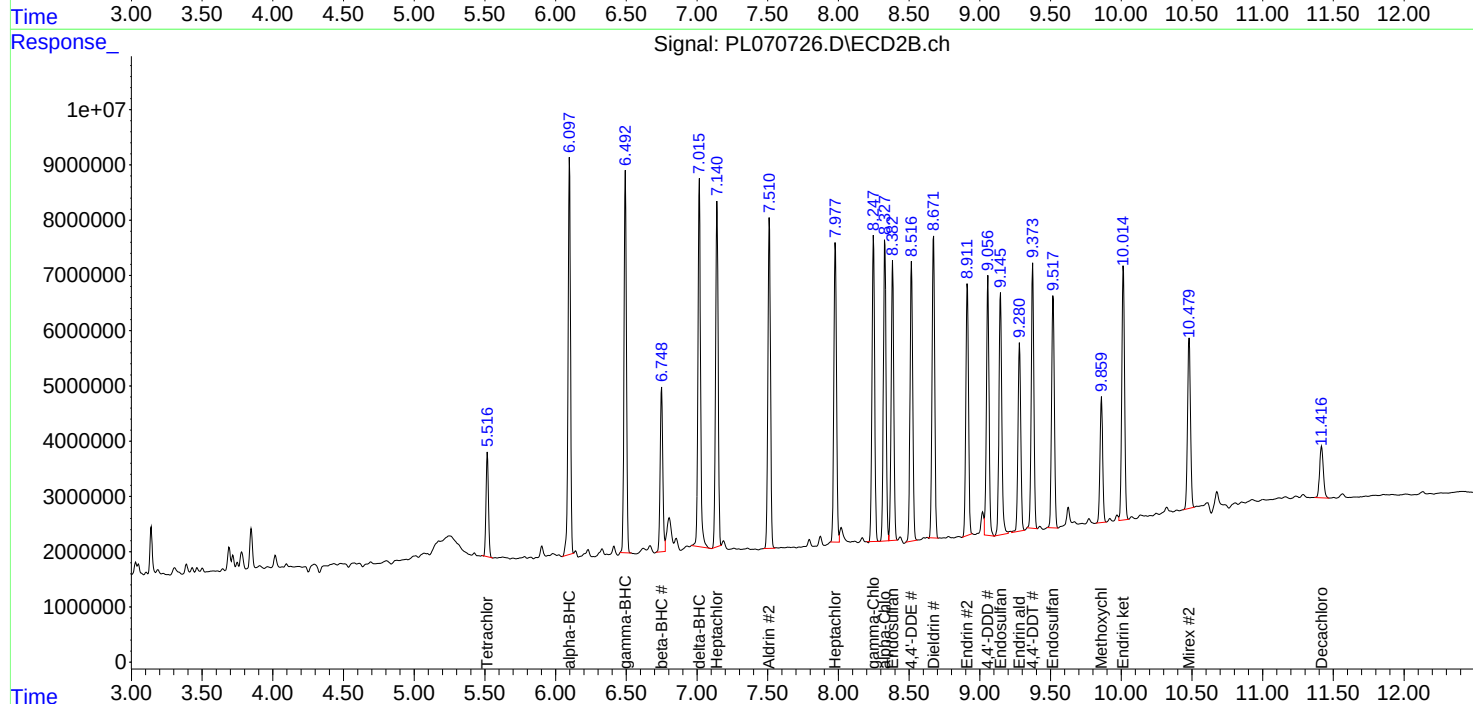
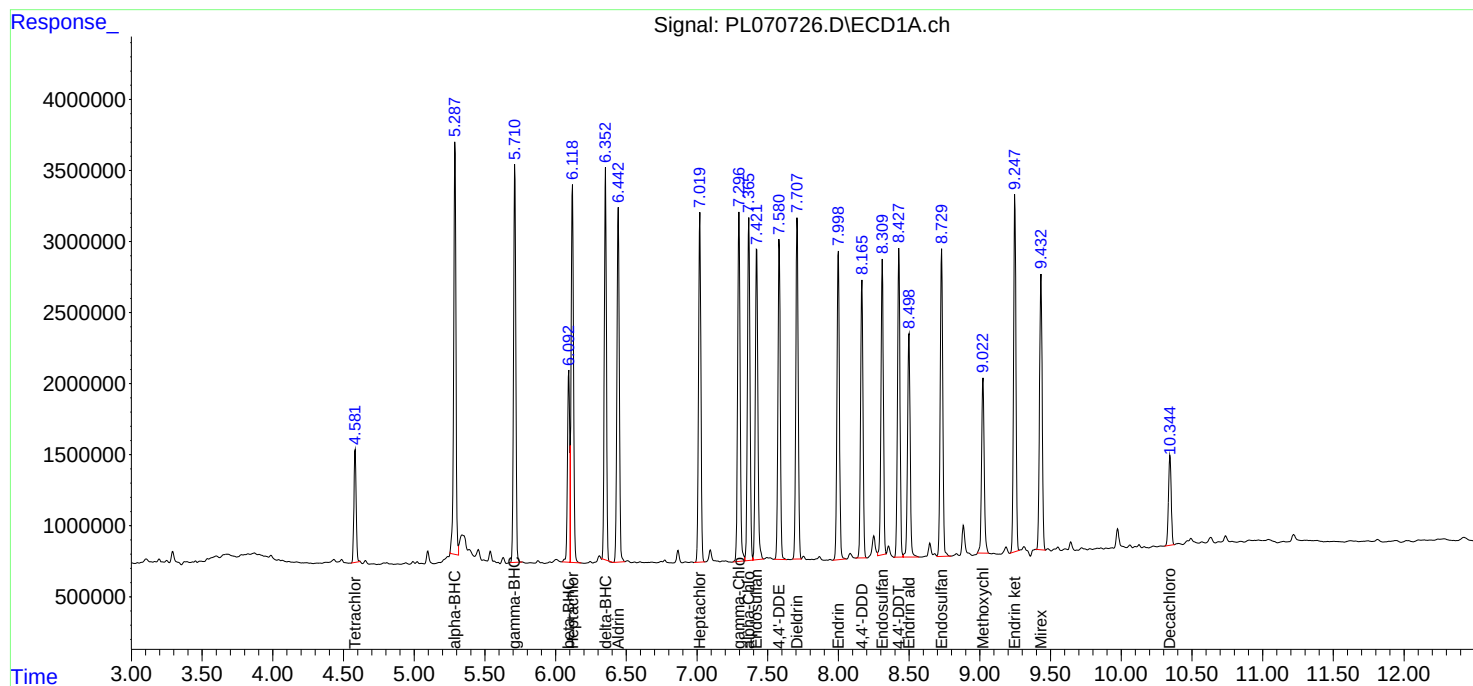
Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

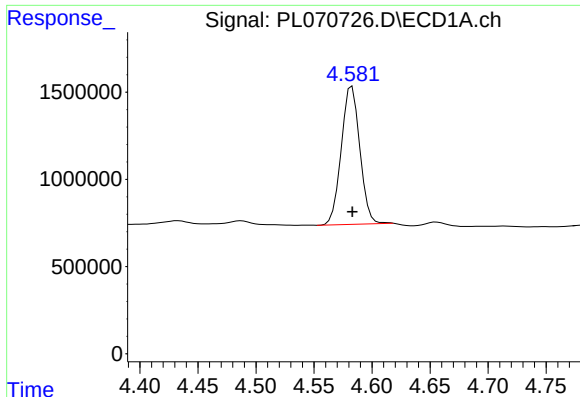
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/03/2021
Supervised By :mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 22:43:58 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
Quant Title : GC Extractables
QLast Update : Fri Oct 29 09:09:01 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





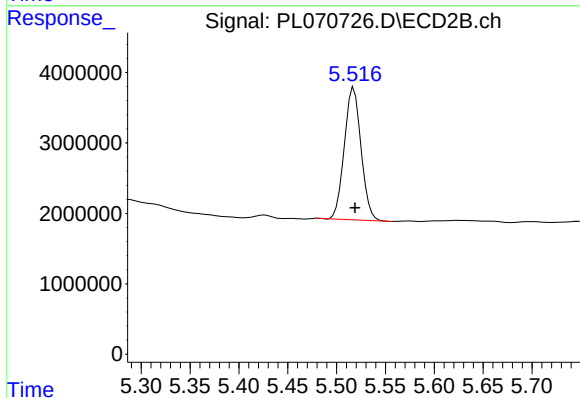
#1 Tetrachloro-m-xylene

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 8812881
Conc: 19.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

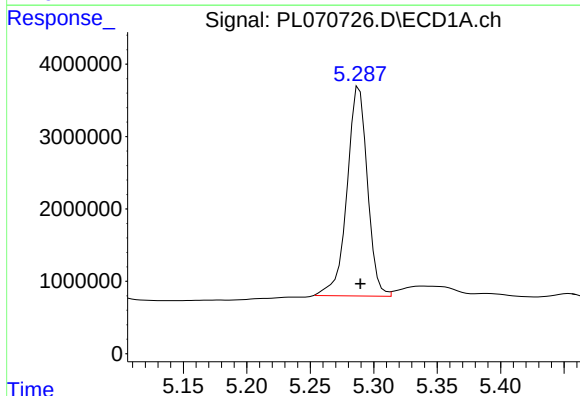
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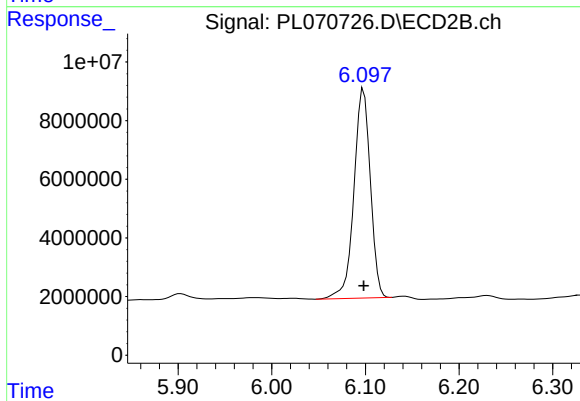
#1 Tetrachloro-m-xylene

R.T.: 5.518 min
Delta R.T.: -0.001 min
Response: 22372307
Conc: 16.08 ng/ml



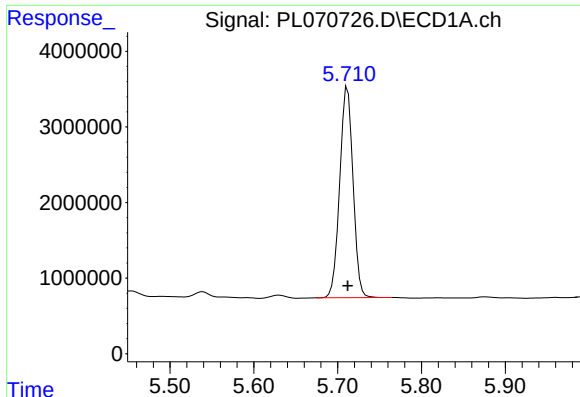
#2 alpha-BHC

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 32244405
Conc: 50.27 ng/ml



#2 alpha-BHC

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 86990912
Conc: 41.04 ng/ml



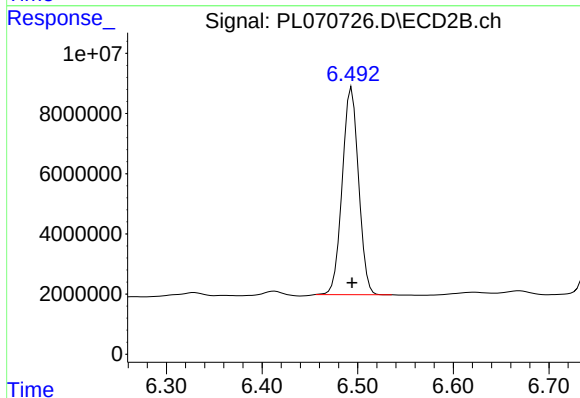
#3 gamma-BHC (Lindane)

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 30777092
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

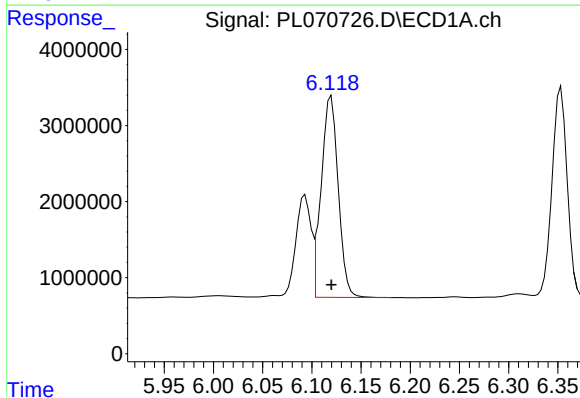
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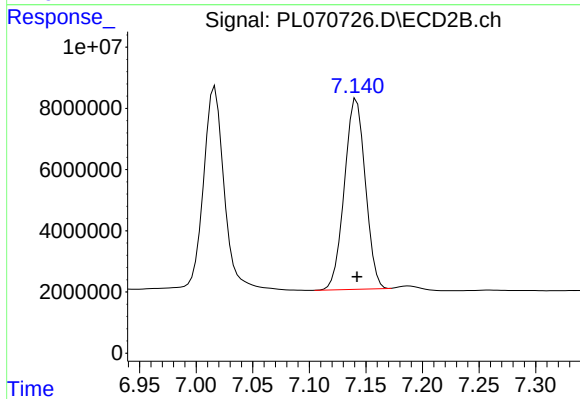
#3 gamma-BHC (Lindane)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 81975517
Conc: 41.22 ng/ml



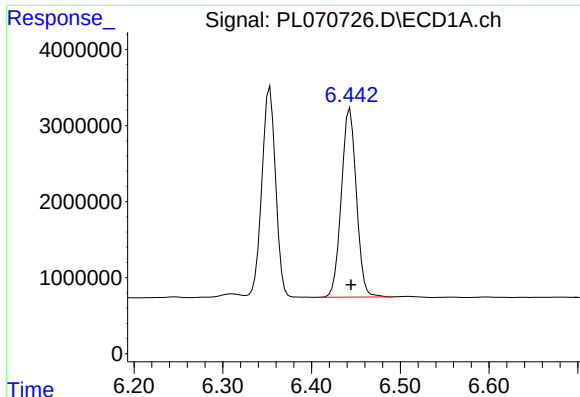
#4 Heptachlor

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 31752568
Conc: 47.15 ng/ml



#4 Heptachlor

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 80119278
Conc: 39.18 ng/ml



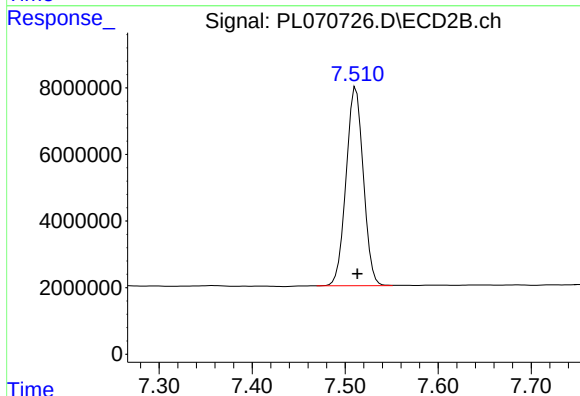
#5 Aldrin

R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 29179242
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

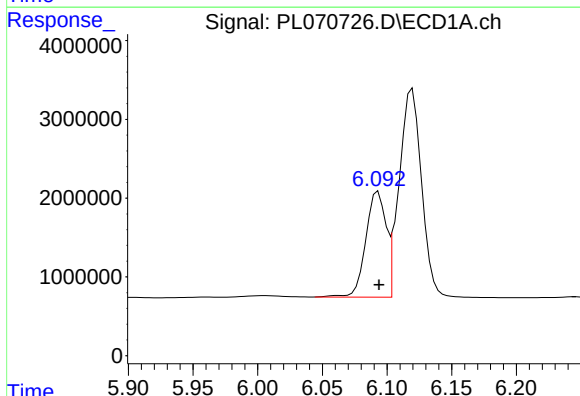
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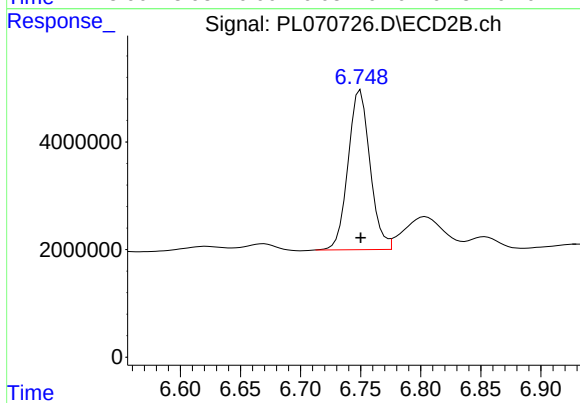
#5 Aldrin

R.T.: 7.510 min
Delta R.T.: -0.003 min
Response: 76770360
Conc: 40.56 ng/ml m



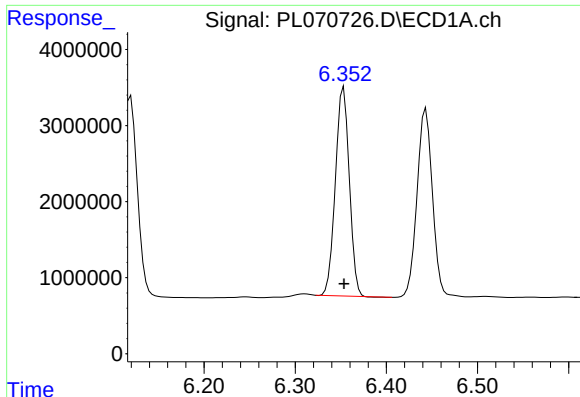
#6 beta-BHC

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 14517665
Conc: 45.86 ng/ml



#6 beta-BHC

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 37819295
Conc: 38.03 ng/ml



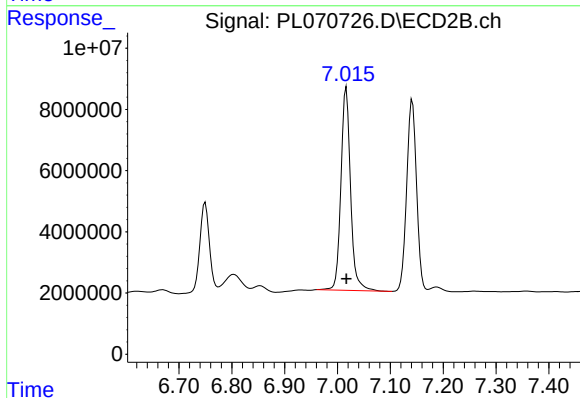
#7 delta-BHC

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 29145274
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

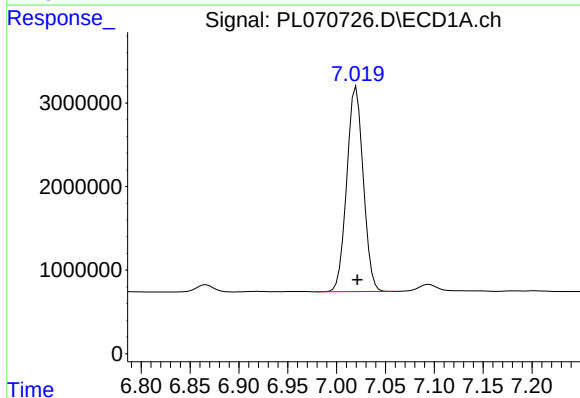
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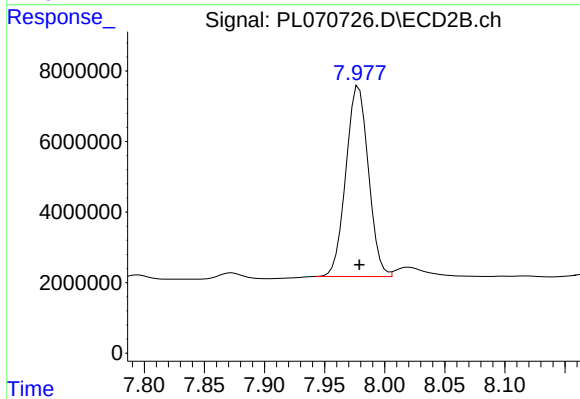
#7 delta-BHC

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 83994774
Conc: 37.09 ng/ml



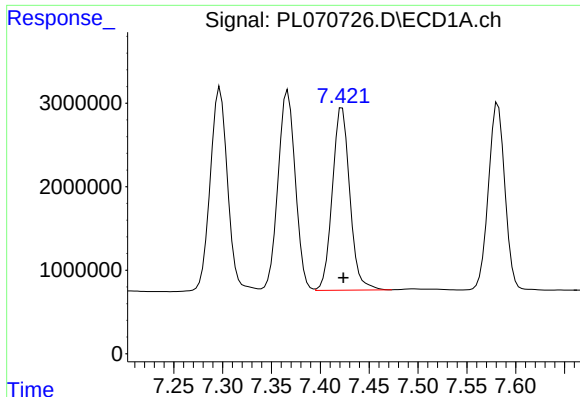
#8 Heptachlor epoxide

R.T.: 7.020 min
Delta R.T.: -0.001 min
Response: 28762352
Conc: 48.06 ng/ml



#8 Heptachlor epoxide

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 70639892
Conc: 40.43 ng/ml



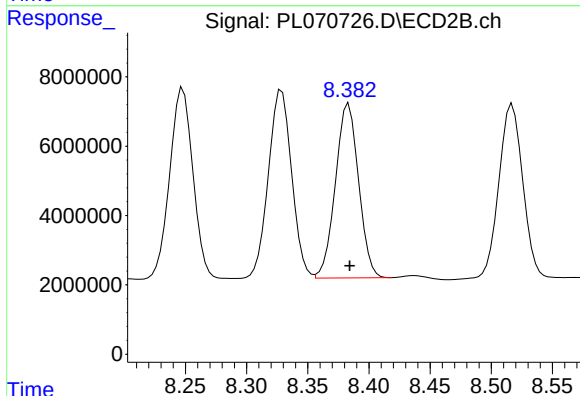
#9 Endosulfan I

R.T.: 7.422 min
Delta R.T.: -0.001 min
Response: 27264441
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

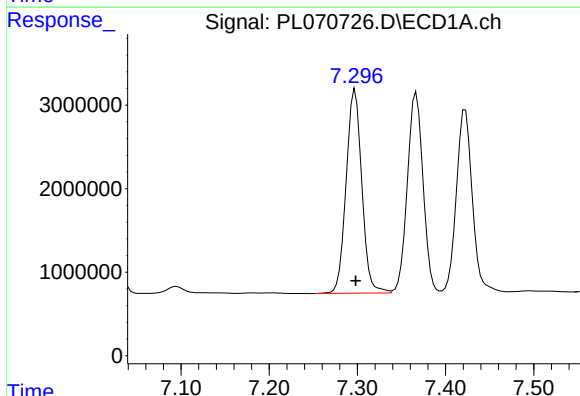
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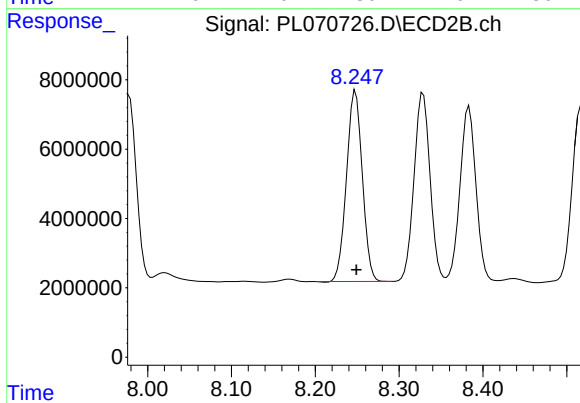
#9 Endosulfan I

R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 66222949
Conc: 39.31 ng/ml



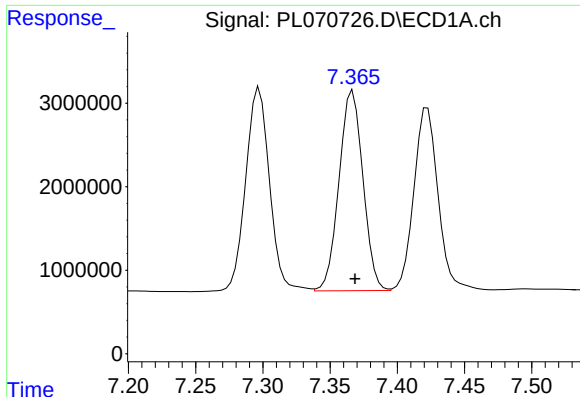
#10 gamma-Chlordane

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 30146242
Conc: 49.69 ng/ml



#10 gamma-Chlordane

R.T.: 8.248 min
Delta R.T.: -0.001 min
Response: 72332459
Conc: 39.77 ng/ml



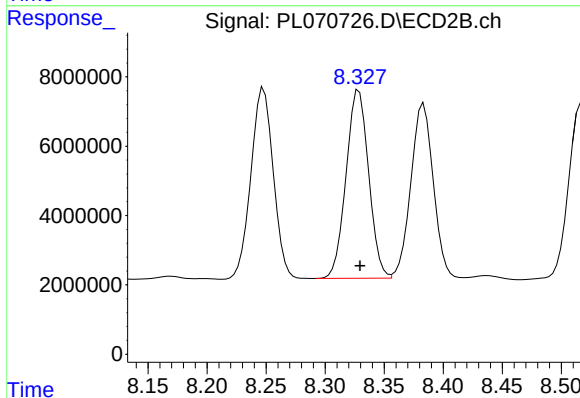
#11 alpha-Chlordane

R.T.: 7.367 min
Delta R.T.: -0.002 min
Response: 29571298
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

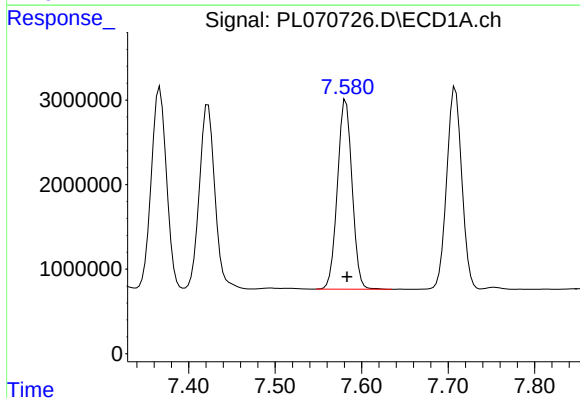
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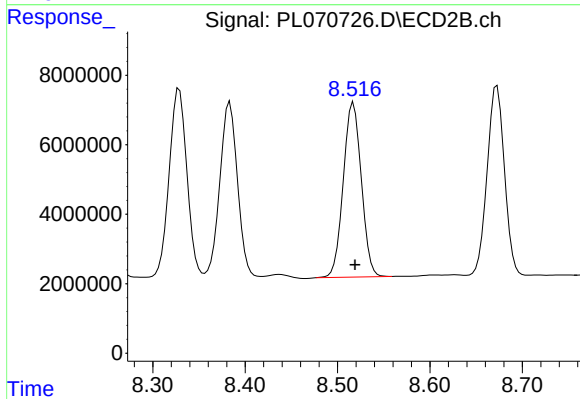
#11 alpha-Chlordane

R.T.: 8.329 min
Delta R.T.: -0.001 min
Response: 72241725
Conc: 40.55 ng/ml



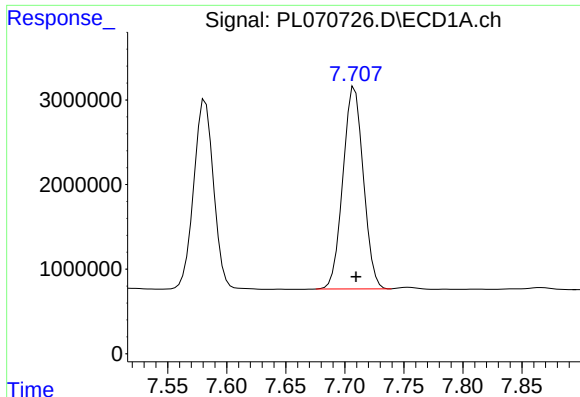
#12 4,4'-DDE

R.T.: 7.582 min
Delta R.T.: -0.001 min
Response: 26235622
Conc: 50.34 ng/ml



#12 4,4'-DDE

R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 68285987
Conc: 37.84 ng/ml



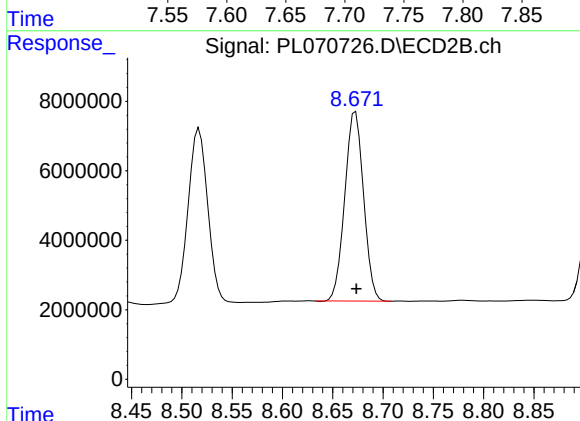
#13 Dieldrin

R.T.: 7.708 min
Delta R.T.: -0.001 min
Response: 28796073
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

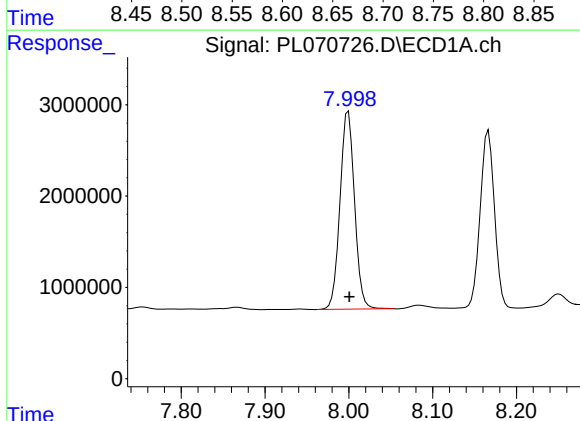
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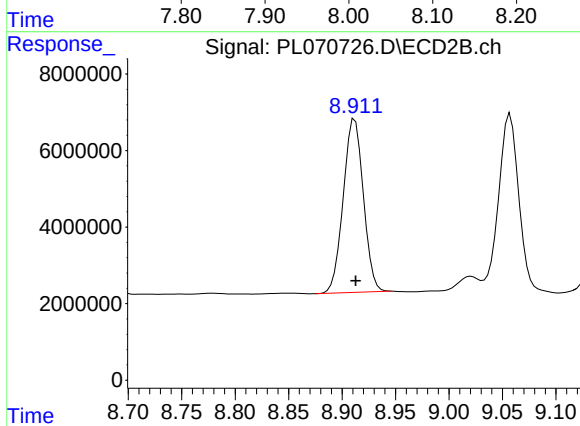
#13 Dieldrin

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 70704268
Conc: 40.13 ng/ml



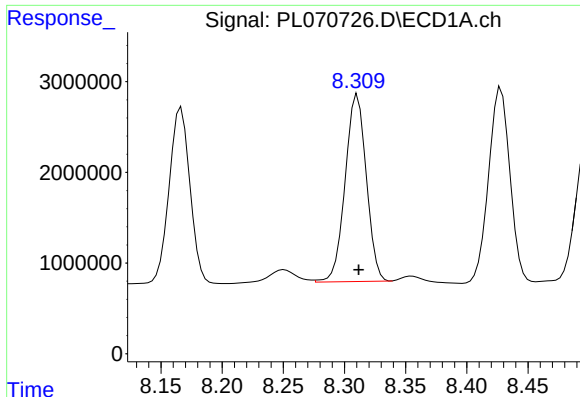
#14 Endrin

R.T.: 7.999 min
Delta R.T.: -0.001 min
Response: 26177106
Conc: 48.74 ng/ml



#14 Endrin

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 59554724
Conc: 39.33 ng/ml



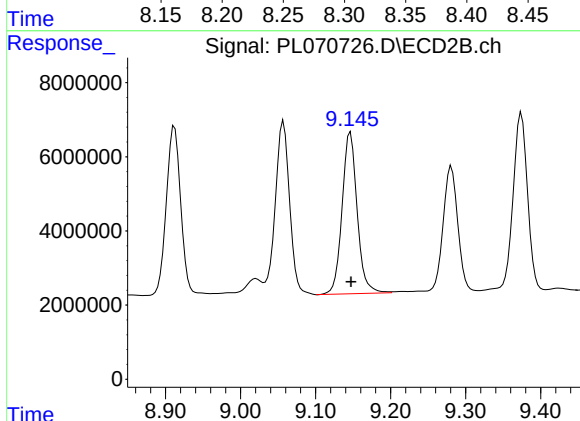
#15 Endosulfan II

R.T.: 8.311 min
Delta R.T.: -0.001 min
Response: 24828499
Conc: 43.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

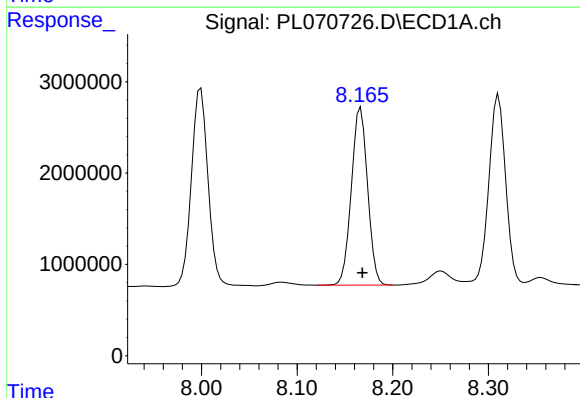
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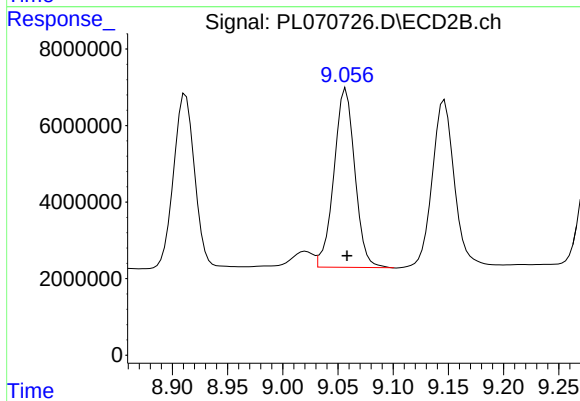
#15 Endosulfan II

R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 60814819
Conc: 40.62 ng/ml



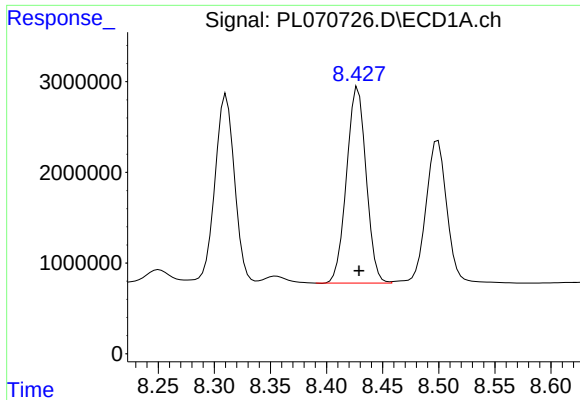
#16 4,4'-DDD

R.T.: 8.167 min
Delta R.T.: -0.002 min
Response: 23011325
Conc: 50.44 ng/ml



#16 4,4'-DDD

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 61591885
Conc: 38.31 ng/ml



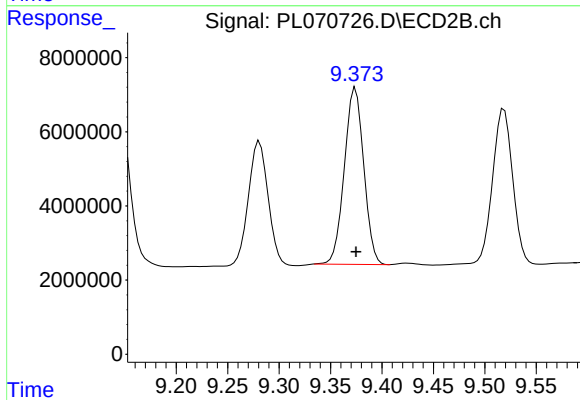
#17 4,4'-DDT

R.T.: 8.428 min
Delta R.T.: -0.001 min
Response: 26234145
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

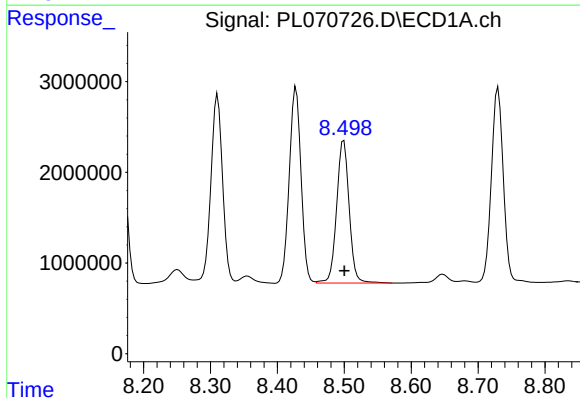
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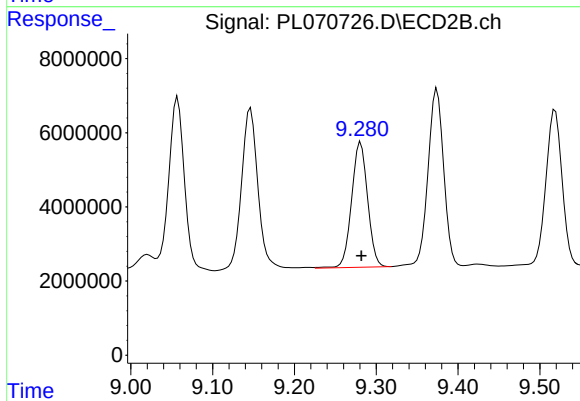
#17 4,4'-DDT

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 62610521
Conc: 38.73 ng/ml



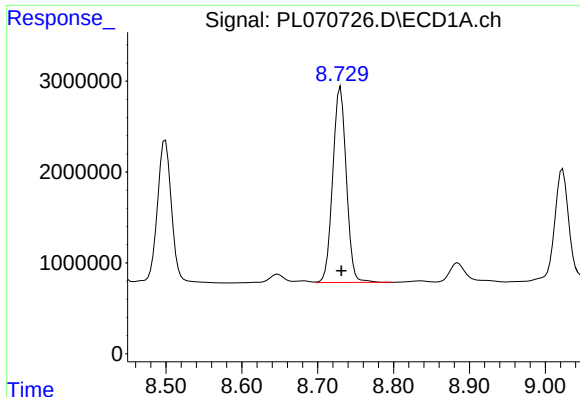
#18 Endrin aldehyde

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 20413154
Conc: 47.85 ng/ml



#18 Endrin aldehyde

R.T.: 9.281 min
Delta R.T.: -0.001 min
Response: 45690252
Conc: 38.80 ng/ml



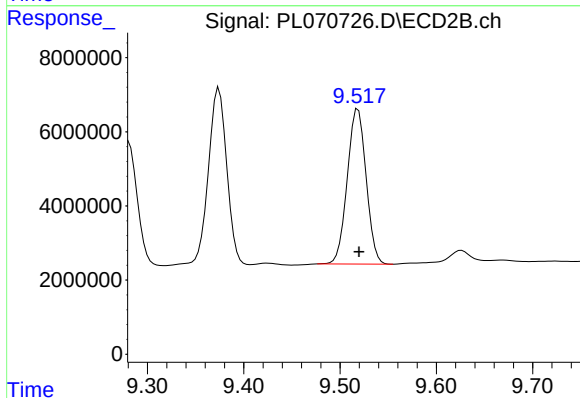
#19 Endosulfan Sulfate

R.T.: 8.730 min
Delta R.T.: -0.001 min
Response: 26786852
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

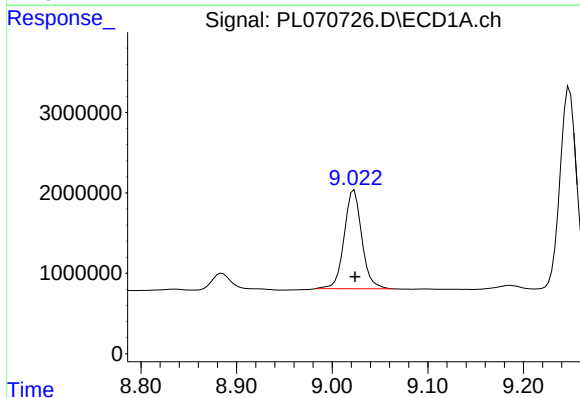
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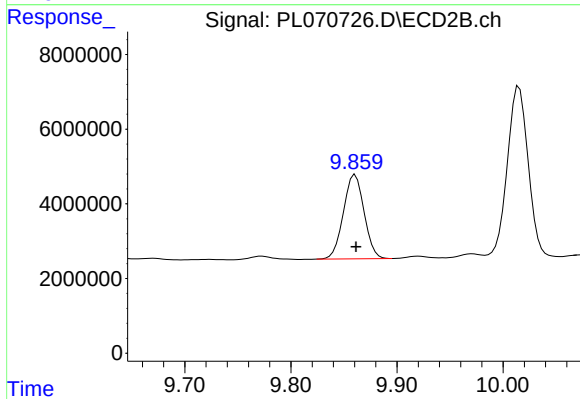
#19 Endosulfan Sulfate

R.T.: 9.519 min
Delta R.T.: 0.000 min
Response: 56861625
Conc: 37.94 ng/ml



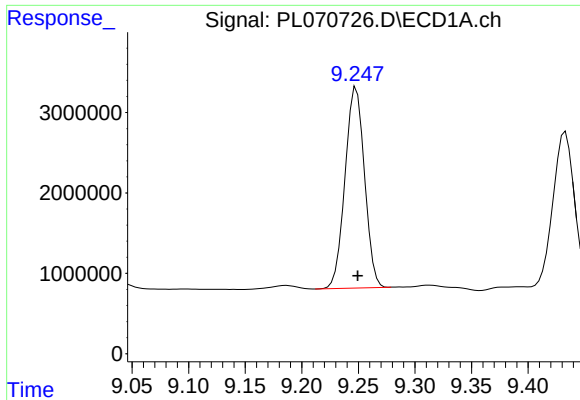
#20 Methoxychlor

R.T.: 9.023 min
Delta R.T.: -0.001 min
Response: 15797519
Conc: 47.55 ng/ml



#20 Methoxychlor

R.T.: 9.861 min
Delta R.T.: 0.000 min
Response: 30476615
Conc: 36.40 ng/ml



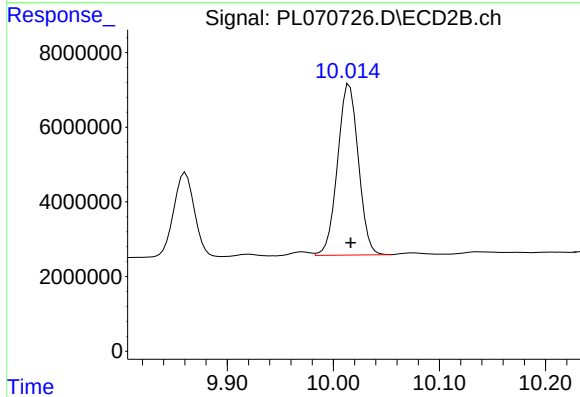
#21 Endrin ketone

R.T.: 9.248 min
Delta R.T.: -0.001 min
Response: 29929109
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSC-124055MSD

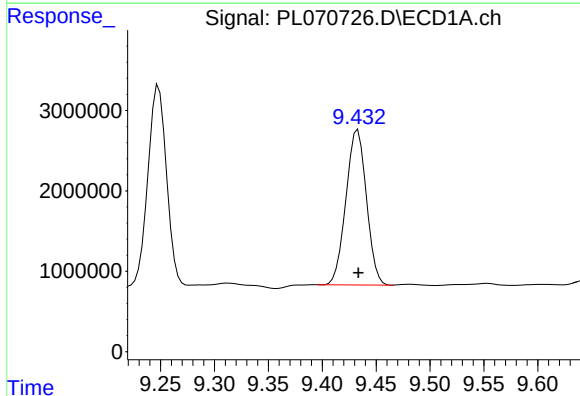
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Supervised By :mohammad ahmed 11/03/2021



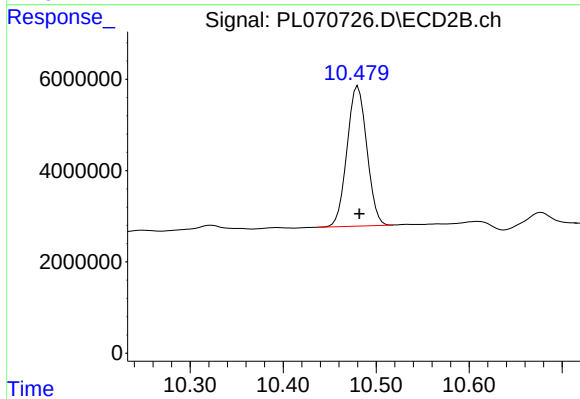
#21 Endrin ketone

R.T.: 10.015 min
Delta R.T.: -0.001 min
Response: 62492206
Conc: 38.24 ng/ml



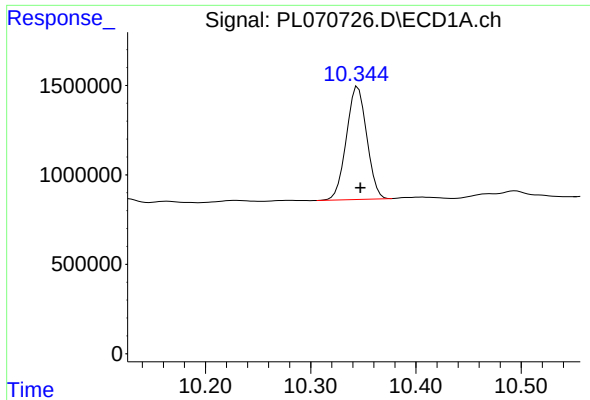
#22 Mirex

R.T.: 9.433 min
Delta R.T.: 0.000 min
Response: 25568499
Conc: 44.98 ng/ml



#22 Mirex

R.T.: 10.480 min
Delta R.T.: -0.002 min
Response: 45363568
Conc: 37.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.345 min
Delta R.T.: -0.002 min
Response: 8517309
Conc: 14.27 ng/ml

Instrument :

ECD_L

ClientSampleId :

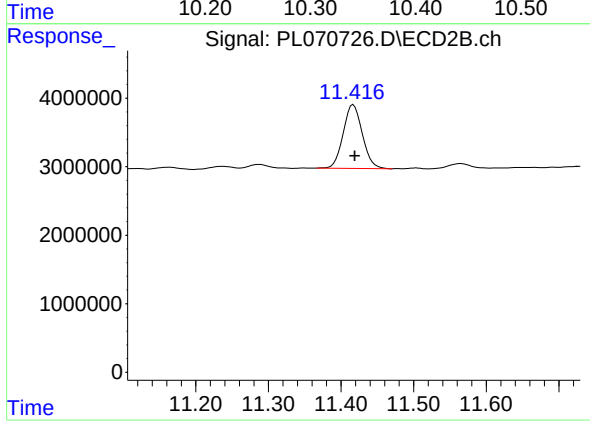
PSC-124055MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/03/2021

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#28 Decachlorobiphenyl

R.T.: 11.417 min
Delta R.T.: -0.002 min
Response: 17043062
Conc: 11.92 ng/ml