

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111121\
 Data File : PL070924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2021 14:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/12/2021
 Supervised By : mohammad ahmed 11/12/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 03:31:44 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...	4.568	5.501	22099480	62038443	45.119	49.204
28)	SA Decachlor...	10.329	11.390	30838071	68115645	45.131	50.932
Target Compounds							
2)	A alpha-BHC	5.273	6.081	30183839	92933331	45.090	50.485
3)	MA gamma-BHC...	5.696	6.477	30051456	87467353	44.801	50.441
4)	MA Heptachlor	6.103	7.124	31894885	89704054	44.452	55.227
5)	MB Aldrin	6.427	7.494	28978616	83747542	45.317	51.574
6)	B beta-BHC	6.078	6.733	14568773	42153972	44.850	49.198
7)	B delta-BHC	6.337	6.999	30172880	86665906	45.591	51.826
8)	B Heptachlo...	7.004	7.960	28755098	77722755	44.228	50.994
9)	A Endosulfan I	7.406	8.365	27388942	72796536	44.712	50.602
10)	B gamma-Chl...	7.281	8.229	29414179	78374092	44.310	50.618
11)	B alpha-Chl...	7.351	8.310	29540408	77117684	44.331	50.703
12)	B 4,4'-DDE	7.566	8.499	26227441	76477485	45.016	51.831
13)	MA Dieldrin	7.692	8.653	28099553	75956456	45.016	52.128
14)	MA Endrin	7.983	8.892	24633766	60744034	43.448	52.442
15)	B Endosulfa...	8.294	9.127	26113183	64039657	43.138	52.433
16)	A 4,4'-DDD	8.151	9.038	23553440	59180191	46.356	49.176
17)	MA 4,4'-DDT	8.412	9.355	24861432	65580771	45.205	51.983
18)	B Endrin al...	8.483	9.262	20960461	51142250	46.136	52.885
19)	B Endosulfa...	8.714	9.499	27765469	63313901	45.009	51.084
20)	A Methoxychlor	9.006	9.842	15833172	33414029	43.279m	49.370
21)	B Endrin ke...	9.232	9.995	33941218	72211771	47.466	50.305
22)	Mirex	9.416	10.460	27849823	52150811	45.348	50.068

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111121\
 Data File : PL070924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2021 14:09
 Operator : AR\AJ
 Sample : PSTDCCC050
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

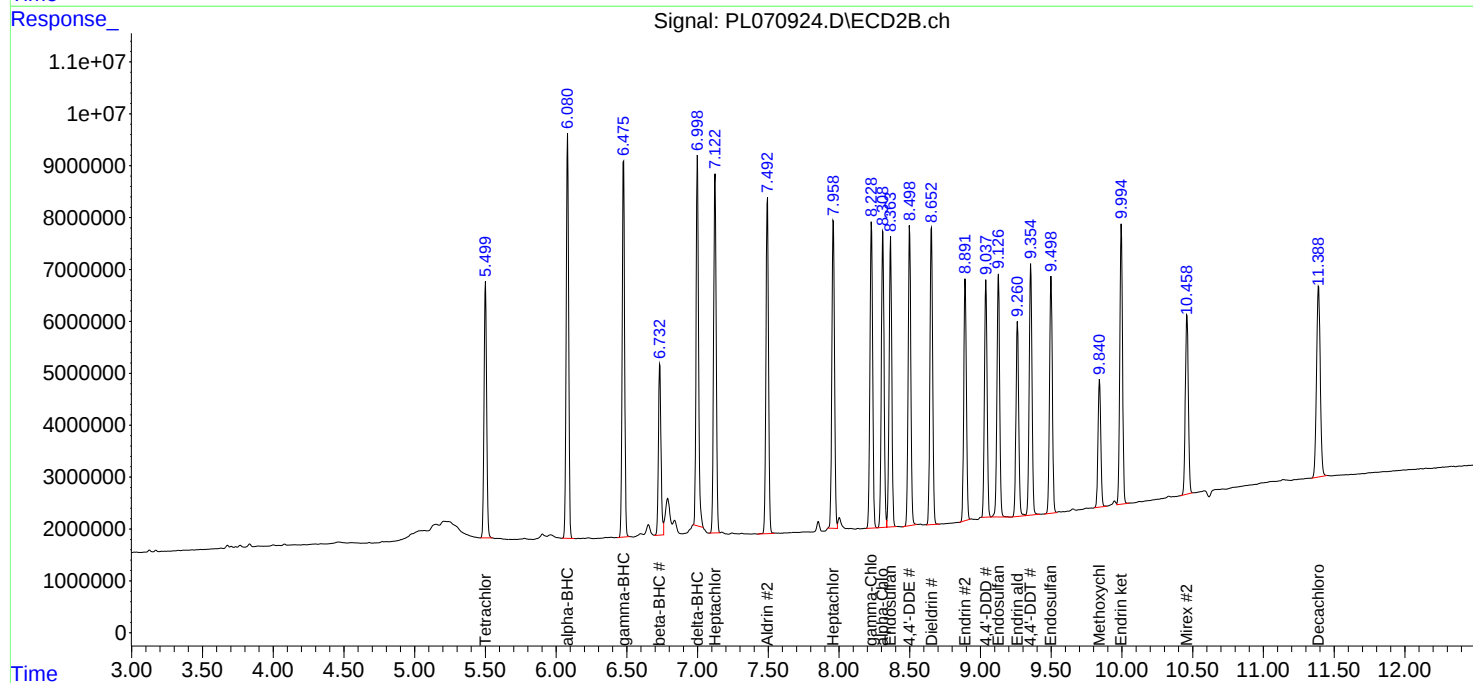
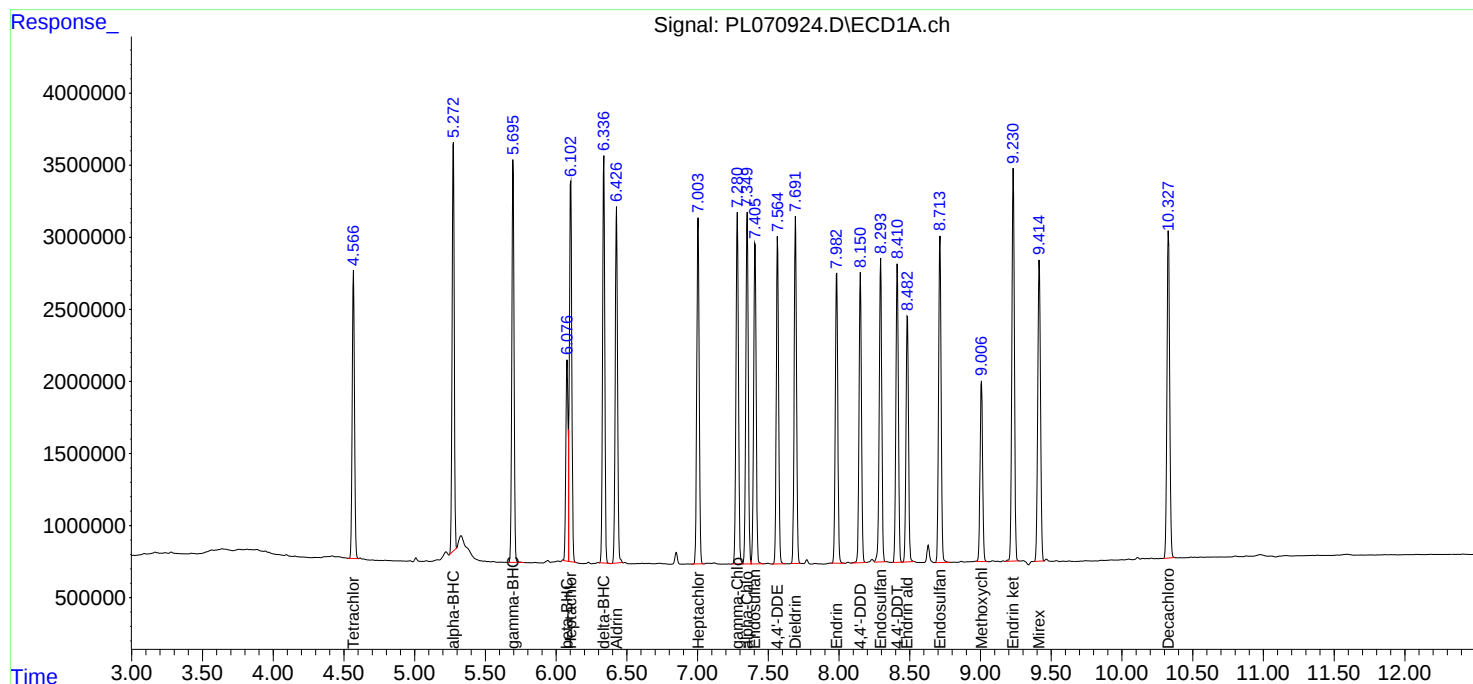
APPROVED

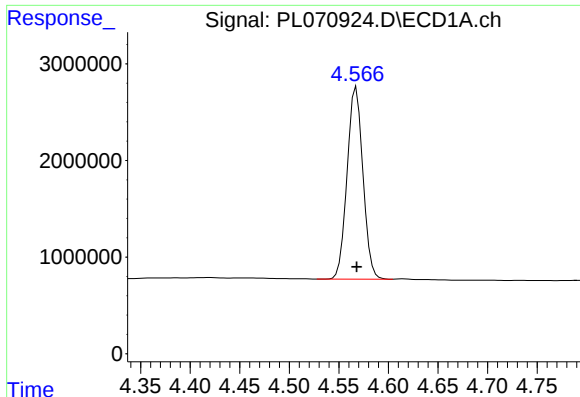
Reviewed By :Abdul Mirza 11/12/2021

Supervised By :mohammad ahmed 11/12/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 03:31:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
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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





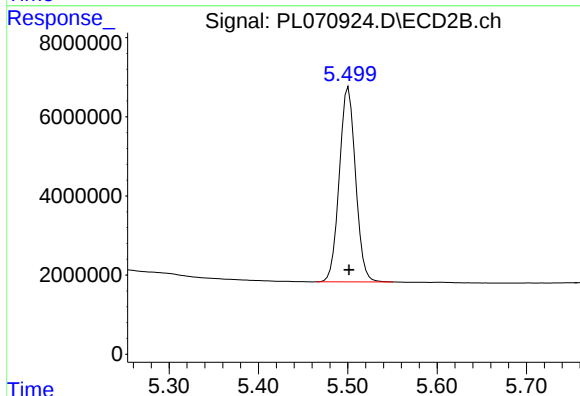
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 22099480
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

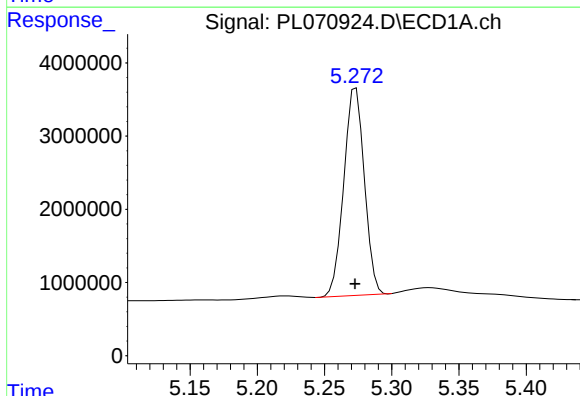
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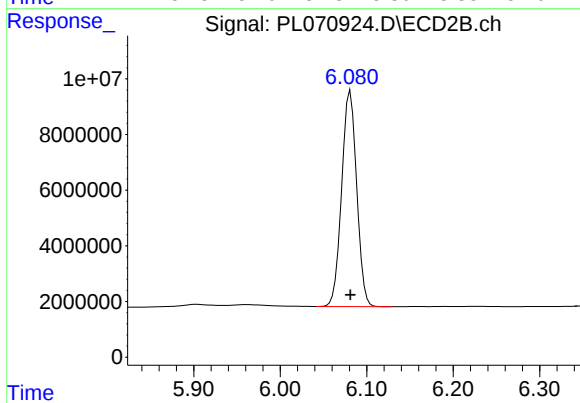
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 62038443
Conc: 49.20 ng/ml



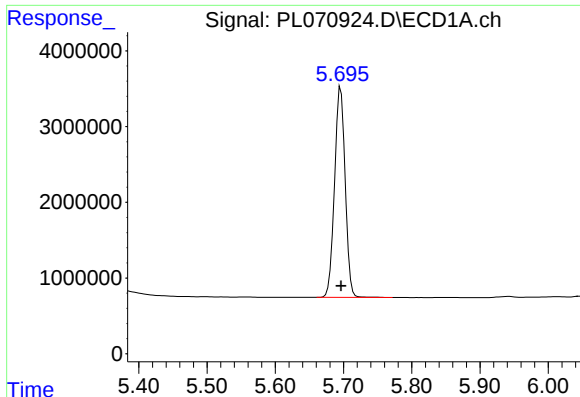
#2 alpha-BHC

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 30183839
Conc: 45.09 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 92933331
Conc: 50.49 ng/ml



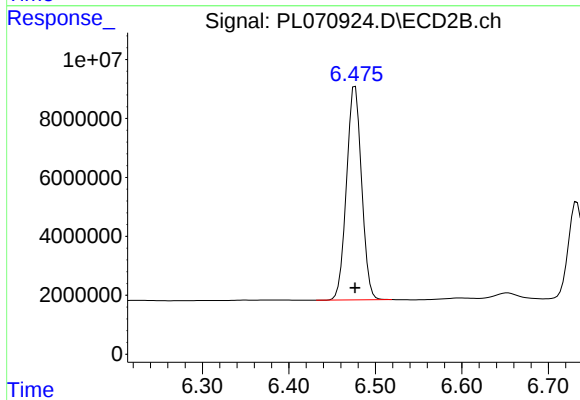
#3 gamma-BHC (Lindane)

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 30051456
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

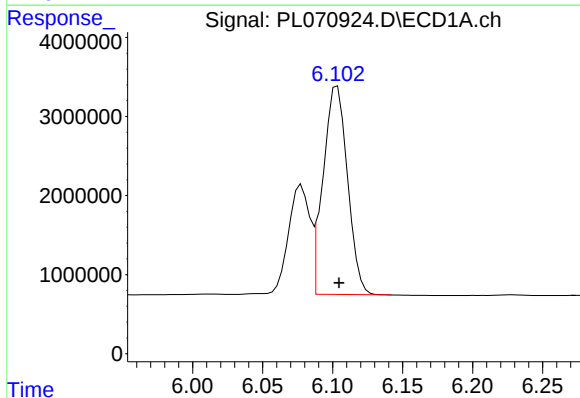
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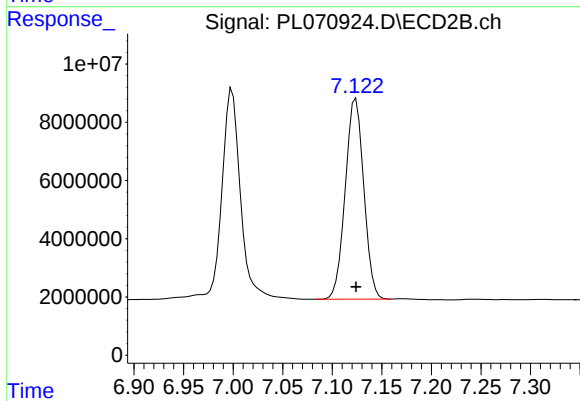
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 87467353
Conc: 50.44 ng/ml



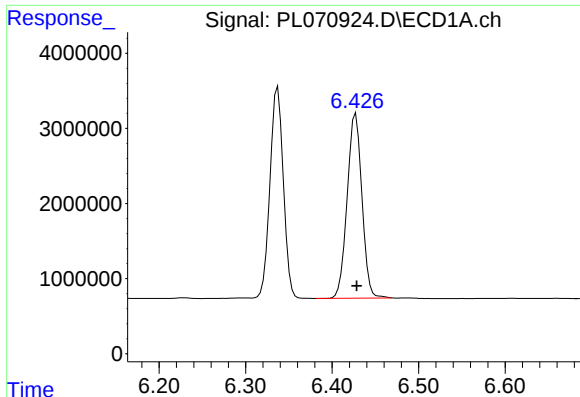
#4 Heptachlor

R.T.: 6.103 min
Delta R.T.: -0.001 min
Response: 31894885
Conc: 44.45 ng/ml



#4 Heptachlor

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 89704054
Conc: 55.23 ng/ml



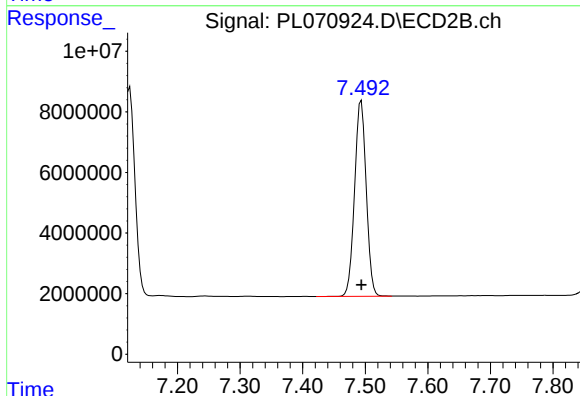
#5 Aldrin

R.T.: 6.427 min
Delta R.T.: -0.001 min
Response: 28978616
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

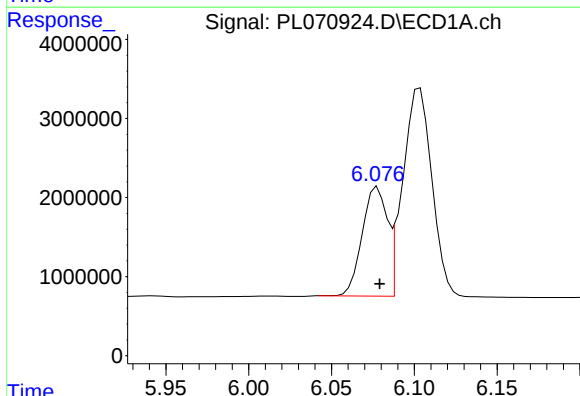
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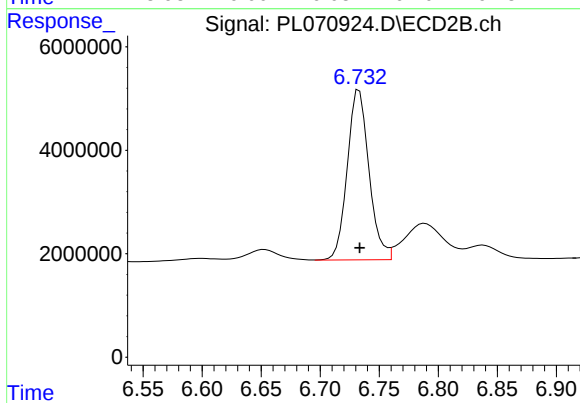
#5 Aldrin

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 83747542
Conc: 51.57 ng/ml



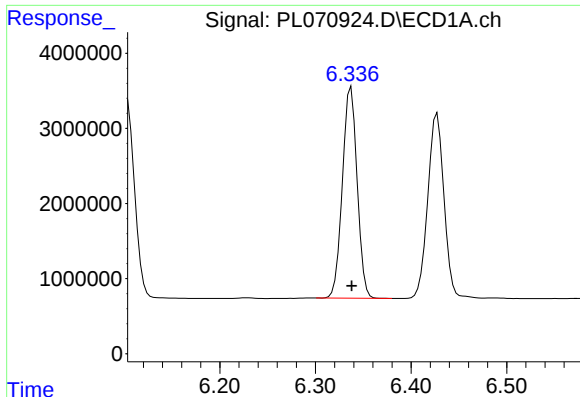
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 14568773
Conc: 44.85 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 42153972
Conc: 49.20 ng/ml



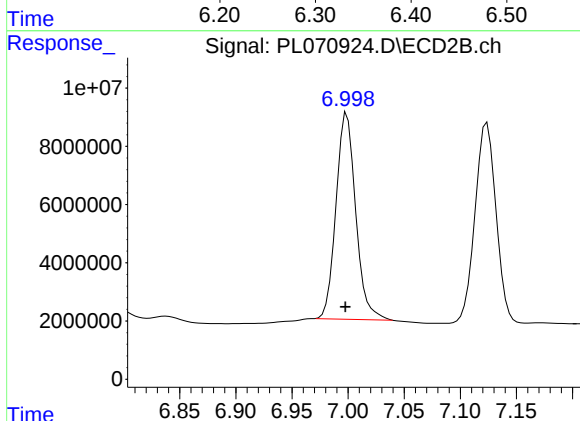
#7 delta-BHC

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 30172880
Conc: 45.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

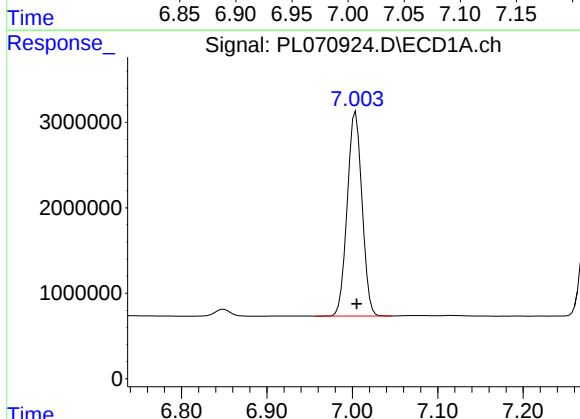
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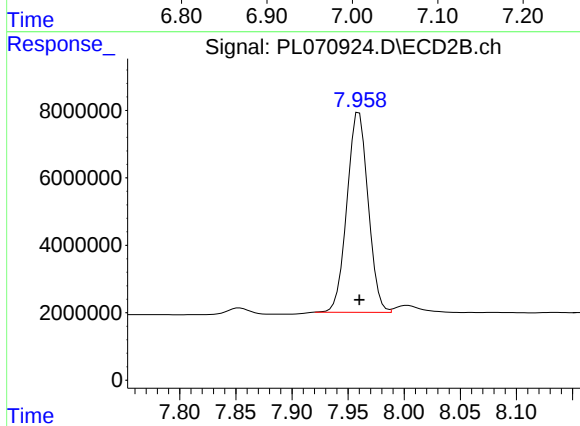
#7 delta-BHC

R.T.: 6.999 min
Delta R.T.: 0.001 min
Response: 86665906
Conc: 51.83 ng/ml



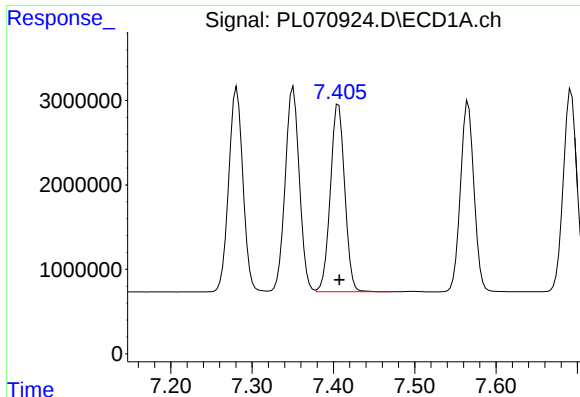
#8 Heptachlor epoxide

R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 28755098
Conc: 44.23 ng/ml



#8 Heptachlor epoxide

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 77722755
Conc: 50.99 ng/ml



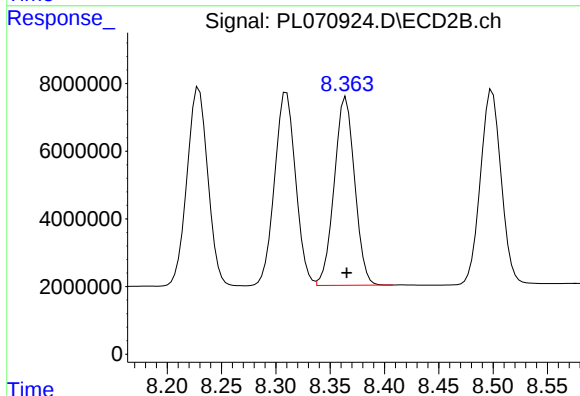
#9 Endosulfan I

R.T.: 7.406 min
Delta R.T.: -0.001 min
Response: 27388942
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

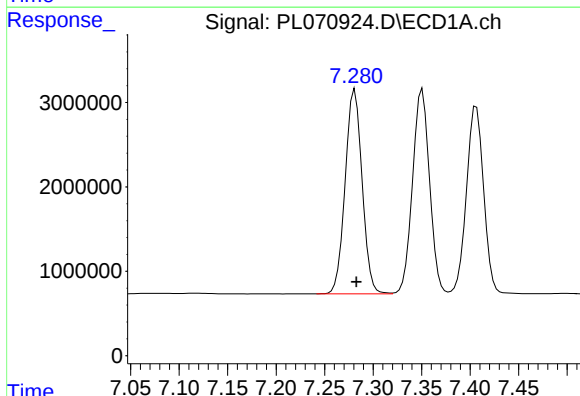
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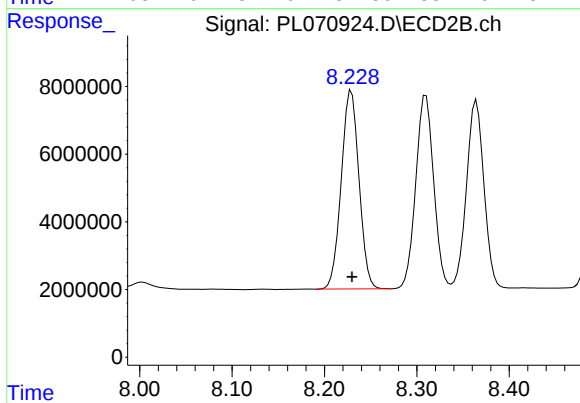
#9 Endosulfan I

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 72796536
Conc: 50.60 ng/ml



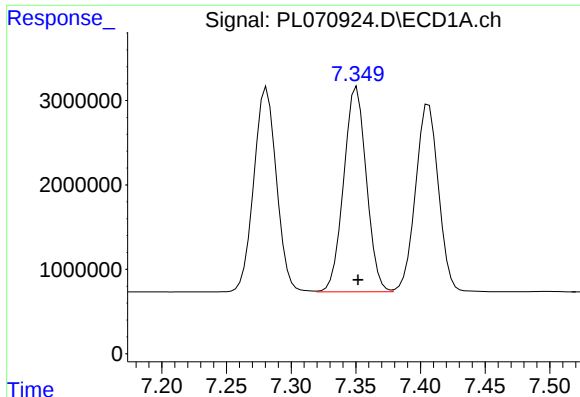
#10 gamma-Chlordane

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 29414179
Conc: 44.31 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 78374092
Conc: 50.62 ng/ml



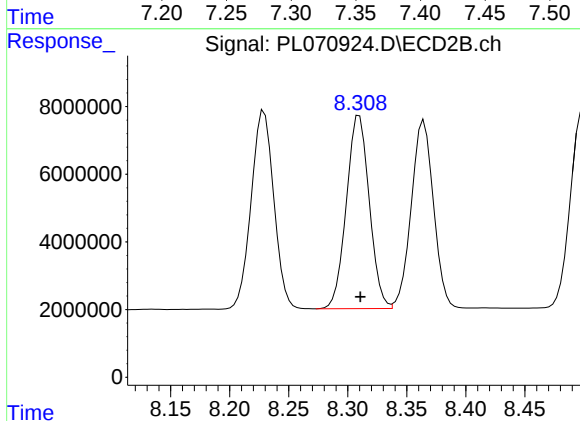
#11 alpha-Chlordane

R.T.: 7.351 min
Delta R.T.: -0.001 min
Response: 29540408
Conc: 44.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

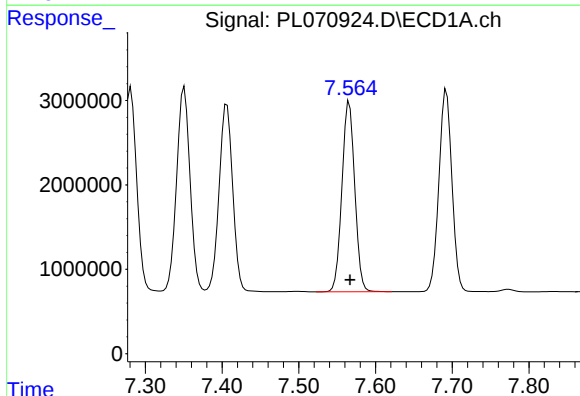
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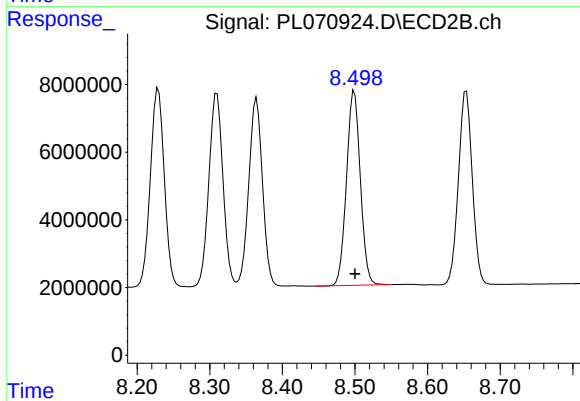
#11 alpha-Chlordane

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 77117684
Conc: 50.70 ng/ml



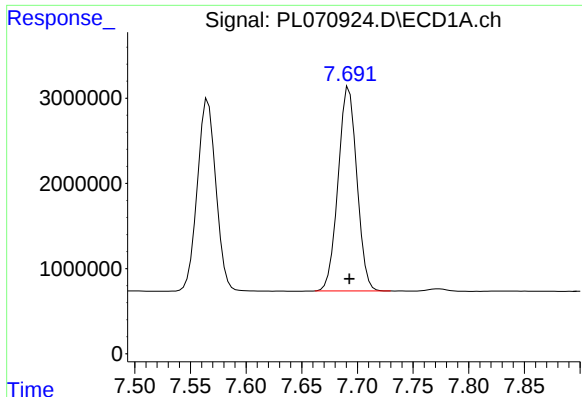
#12 4,4'-DDE

R.T.: 7.566 min
Delta R.T.: -0.001 min
Response: 26227441
Conc: 45.02 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 76477485
Conc: 51.83 ng/ml



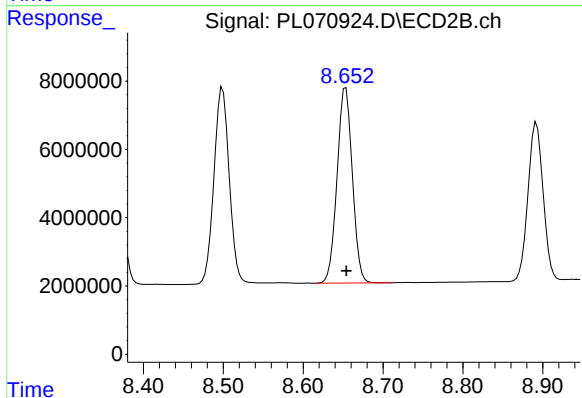
#13 Dieldrin

R.T.: 7.692 min
Delta R.T.: 0.000 min
Response: 28099553
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

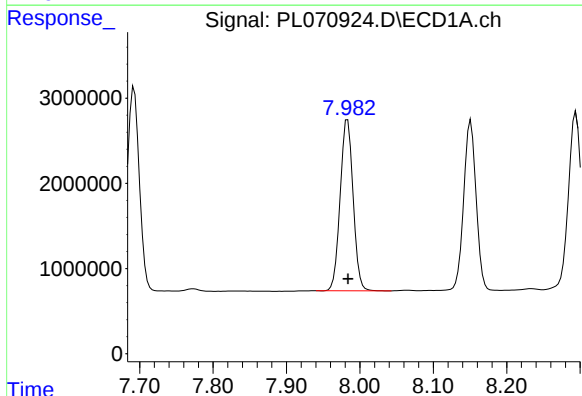
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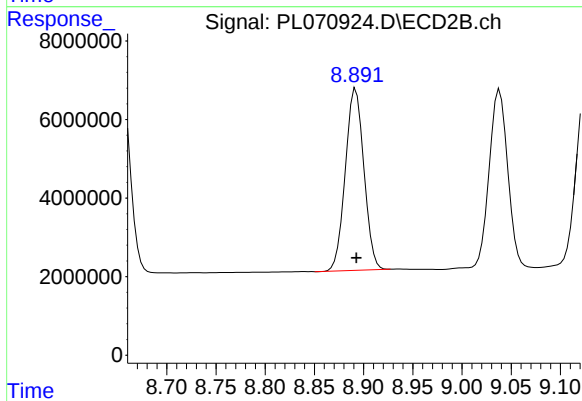
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: 0.000 min
Response: 75956456
Conc: 52.13 ng/ml



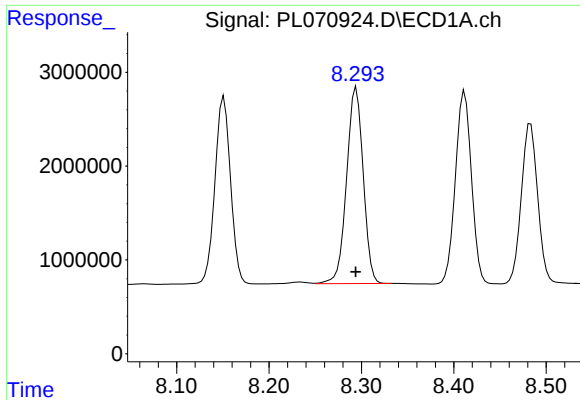
#14 Endrin

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 24633766
Conc: 43.45 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 60744034
Conc: 52.44 ng/ml



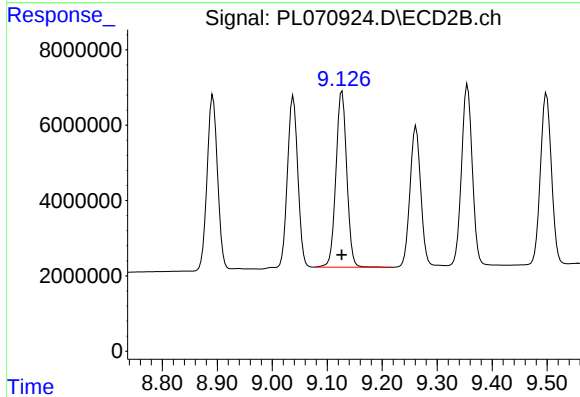
#15 Endosulfan II

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 26113183
Conc: 43.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

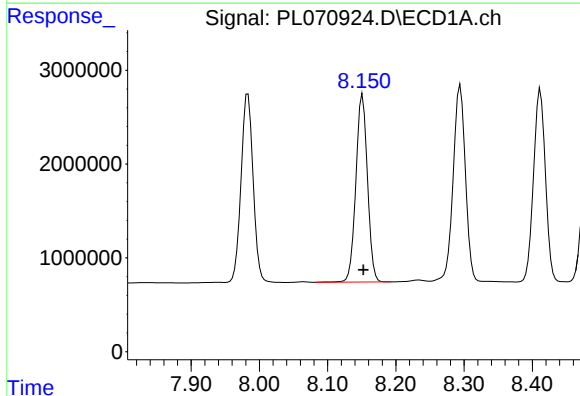
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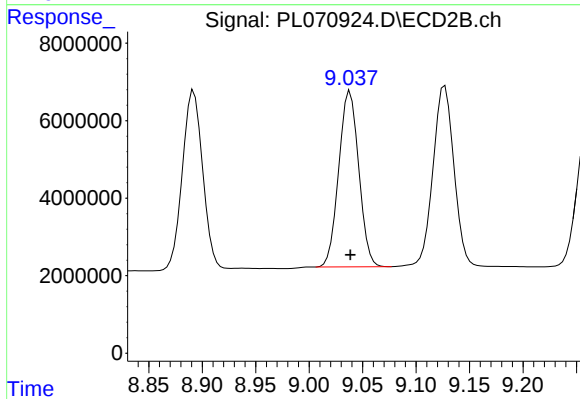
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 64039657
Conc: 52.43 ng/ml



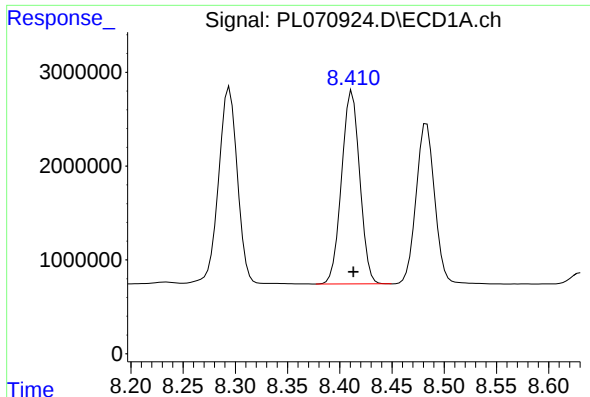
#16 4,4'-DDD

R.T.: 8.151 min
Delta R.T.: -0.001 min
Response: 23553440
Conc: 46.36 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 59180191
Conc: 49.18 ng/ml



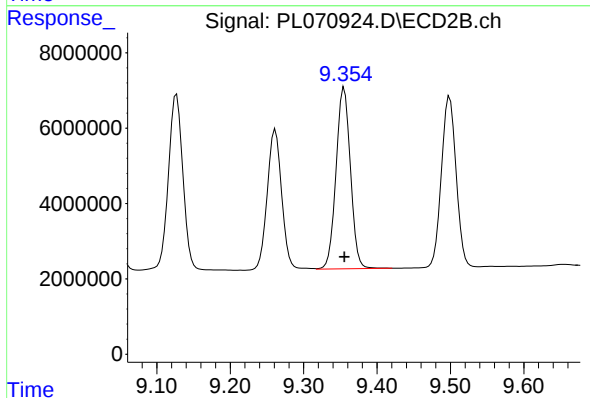
#17 4,4'-DDT

R.T.: 8.412 min
Delta R.T.: -0.001 min
Response: 24861432
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

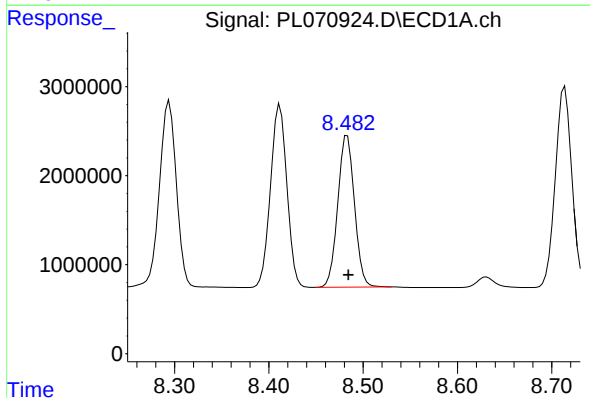
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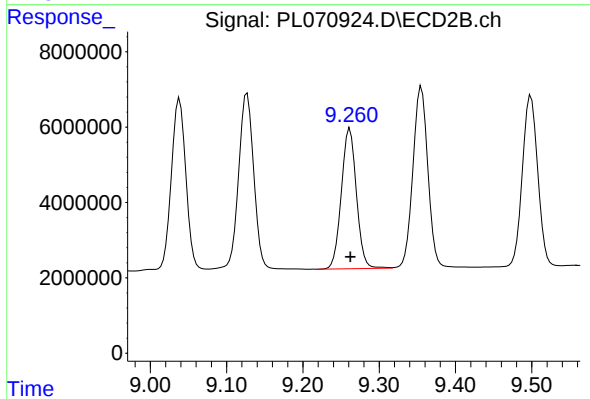
#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 65580771
Conc: 51.98 ng/ml



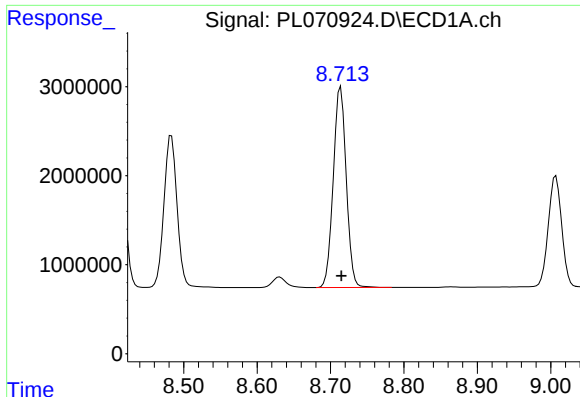
#18 Endrin aldehyde

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 20960461
Conc: 46.14 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 51142250
Conc: 52.88 ng/ml



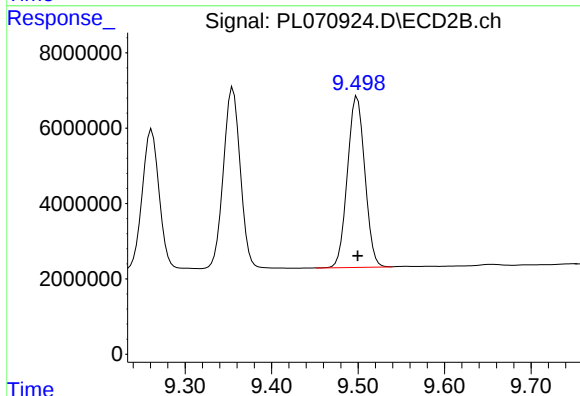
#19 Endosulfan Sulfate

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 27765469
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

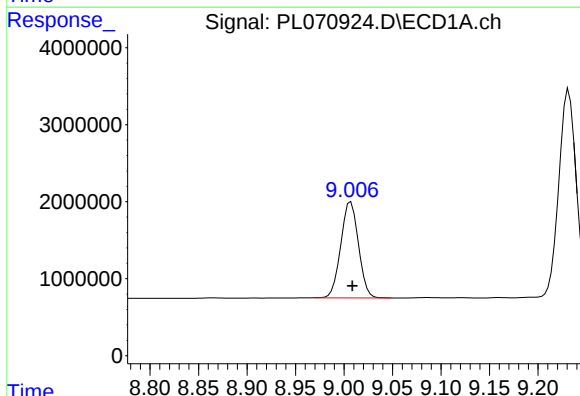
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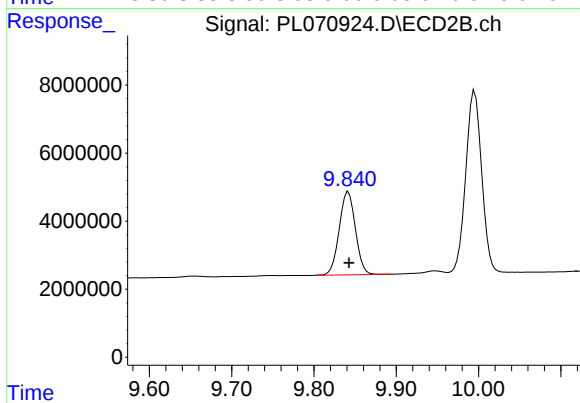
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 63313901
Conc: 51.08 ng/ml



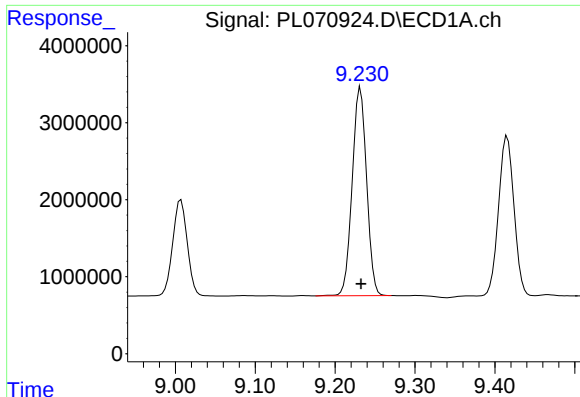
#20 Methoxychlor

R.T.: 9.006 min
Delta R.T.: -0.003 min
Response: 15833172
Conc: 43.28 ng/ml m



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.000 min
Response: 33414029
Conc: 49.37 ng/ml



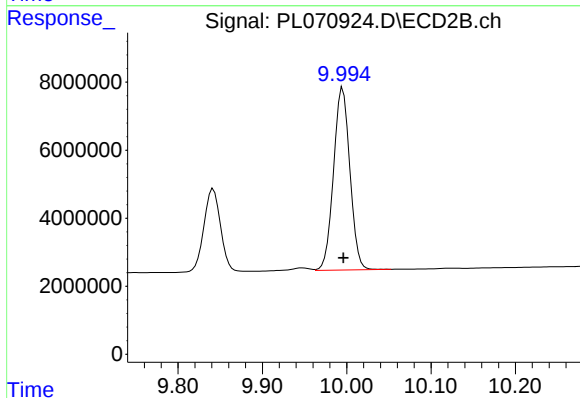
#21 Endrin ketone

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 33941218
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

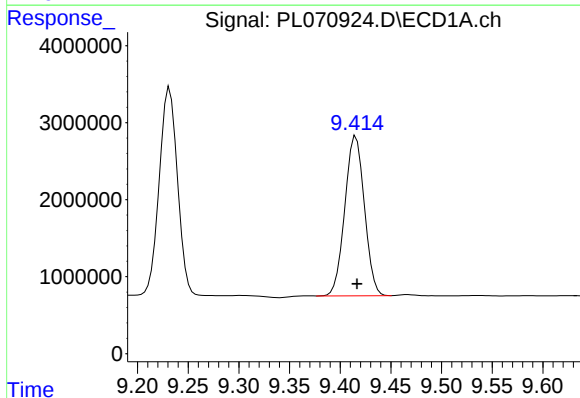
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Reviewed By :Abdul Mirza 11/12/2021
Supervised By :mohammad ahmed 11/12/2021



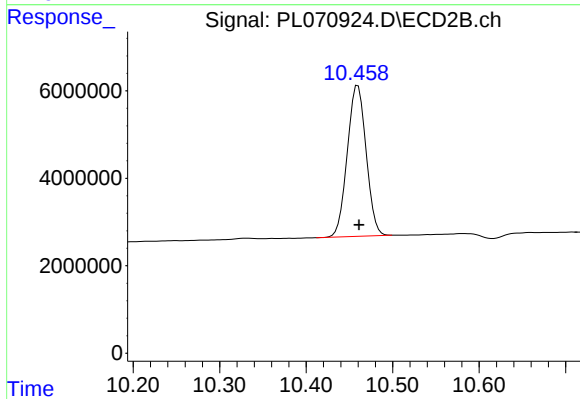
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.000 min
Response: 72211771
Conc: 50.30 ng/ml



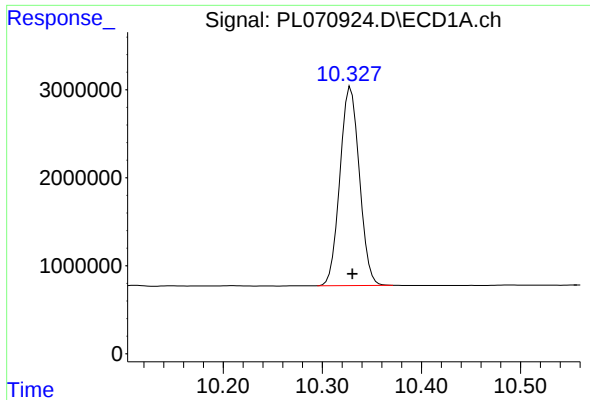
#22 Mirex

R.T.: 9.416 min
Delta R.T.: -0.001 min
Response: 27849823
Conc: 45.35 ng/ml



#22 Mirex

R.T.: 10.460 min
Delta R.T.: -0.002 min
Response: 52150811
Conc: 50.07 ng/ml



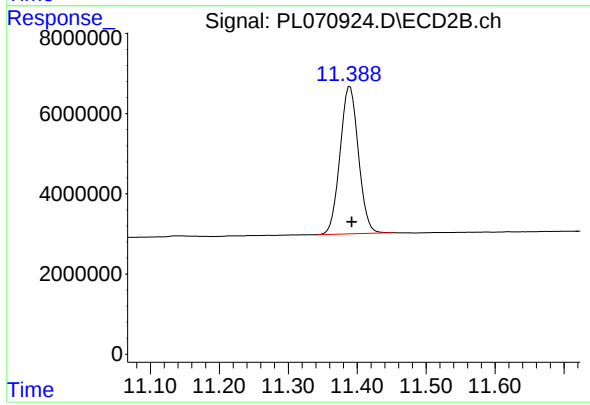
#28 Decachlorobiphenyl

R.T.: 10.329 min
Delta R.T.: -0.002 min
Response: 30838071
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/12/2021



#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: -0.002 min
Response: 68115645
Conc: 50.93 ng/ml