

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 20:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/05/2022
 Supervised By : mohammad ahmed 05/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:30:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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...	4.632	5.489	15671714	86031069	48.503	48.252
28)	SA Decachlor...	10.402	11.333	24934247	90196268	47.948m	51.065
Target Compounds							
2)	A alpha-BHC	5.340	6.052	20817521	123.8E6	49.605	49.166
3)	MA gamma-BHC...	5.764	6.441	20881484	116.5E6	49.789	49.205
4)	MA Heptachlor	6.175	7.100	22395502	126.3E6	49.717	48.416
5)	MB Aldrin	6.499	7.468	20894163	117.9E6	50.341	50.215
6)	B beta-BHC	6.144	6.679	10069230	53379753	49.280	47.364
7)	B delta-BHC	6.406	6.946	21098565	119.2E6	51.003	48.821
8)	B Heptachlo...	7.076	7.925	21569075	112.9E6	50.285	50.128
9)	A Endosulfan I	7.479	8.326	20864380	101.3E6	50.874	51.440
10)	B gamma-Chl...	7.353	8.194	22042088	110.6E6	50.257	49.608
11)	B alpha-Chl...	7.423	8.276	22317344	108.8E6	50.518	50.556
12)	B 4,4'-DDE	7.636	8.461	18348807	104.3E6	50.296	52.365
13)	MA Dieldrin	7.764	8.611	21529388	102.7E6	50.118m	51.229
14)	MA Endrin	8.056	8.846	19561346	89859286	48.153	53.056
15)	B Endosulfa...	8.367	9.070	19984308	85765966	48.487	49.369
16)	A 4,4'-DDD	8.222	8.987	16613236	81045085	51.446	52.675m
17)	MA 4,4'-DDT	8.483	9.307	17813558	85504102	48.192	48.235
18)	B Endrin al...	8.556	9.201	16109116	67139660	49.788	51.981m
19)	B Endosulfa...	8.787	9.440	21107347	83624514	49.429	50.245
20)	A Methoxychlor	9.078	9.788	11398511	43722207	45.912	45.457
21)	B Endrin ke...	9.305	9.929	25038865	89833989	51.251m	51.899
22)	Mirex	9.493	10.405	22583207	68366807	48.420	49.634

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 20:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

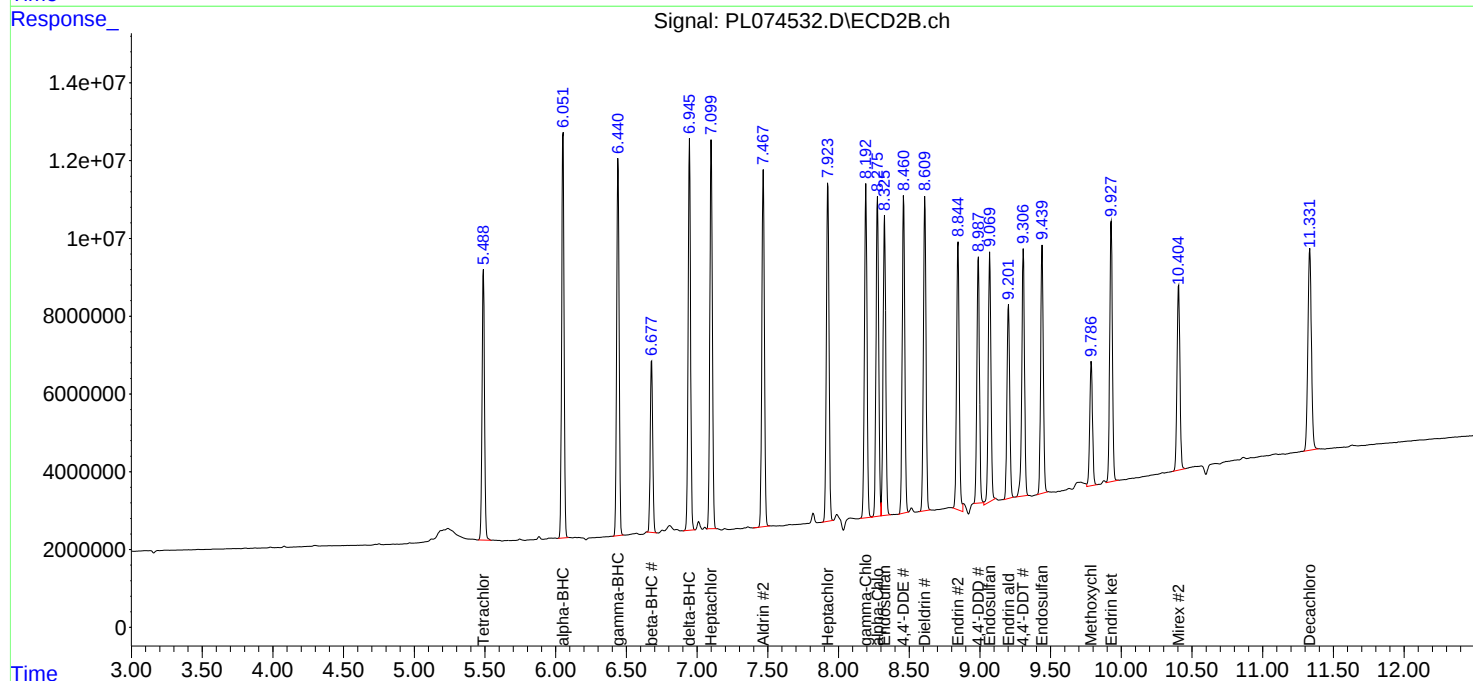
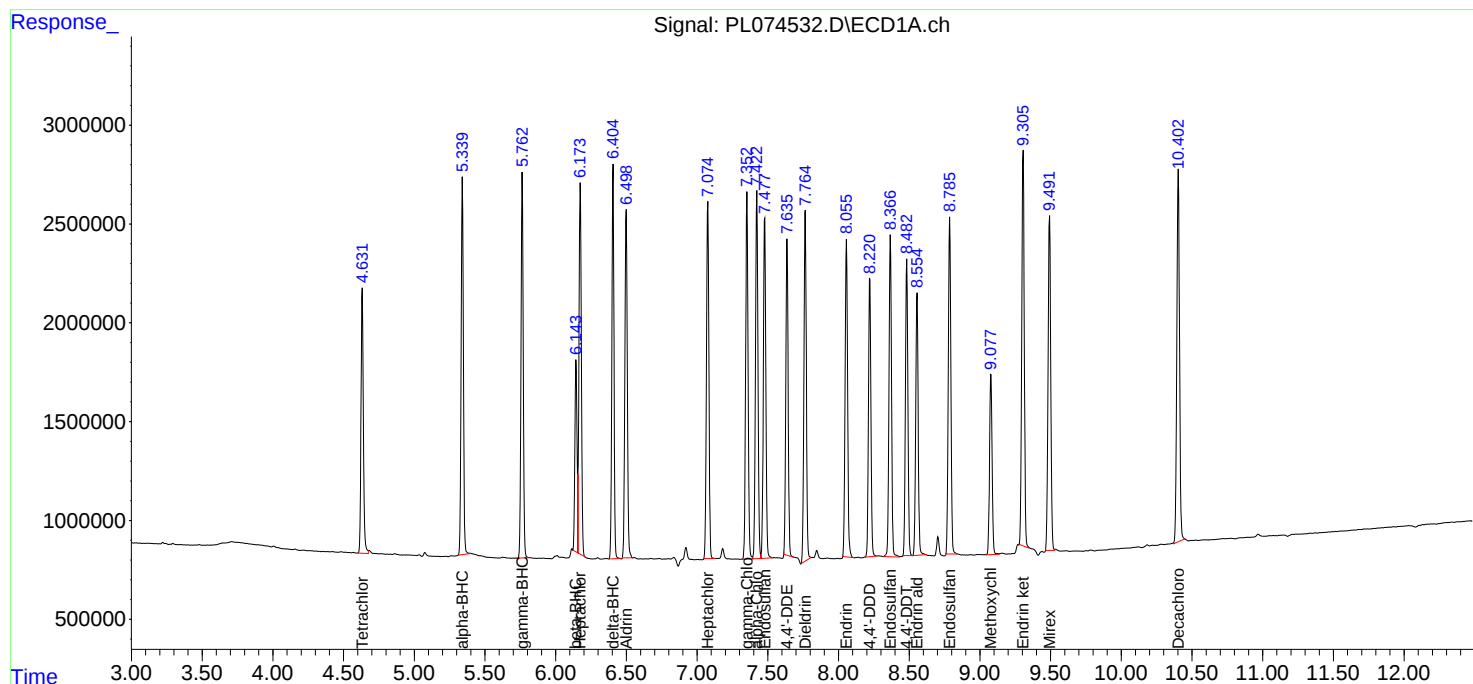
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

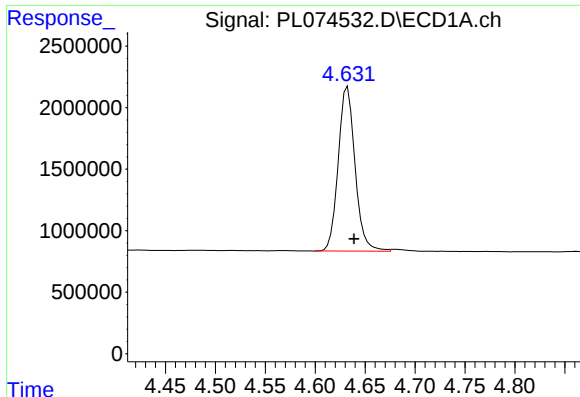
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/05/2022
 Supervised By :mohammad ahmed 05/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:30:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
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 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





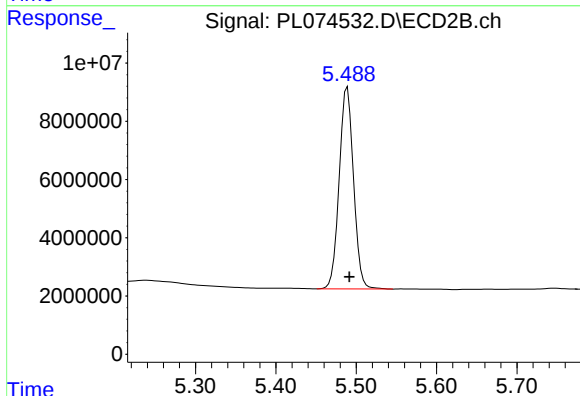
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.007 min
Response: 15671714
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

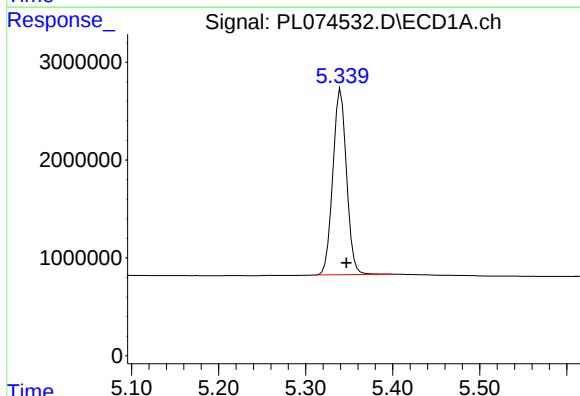
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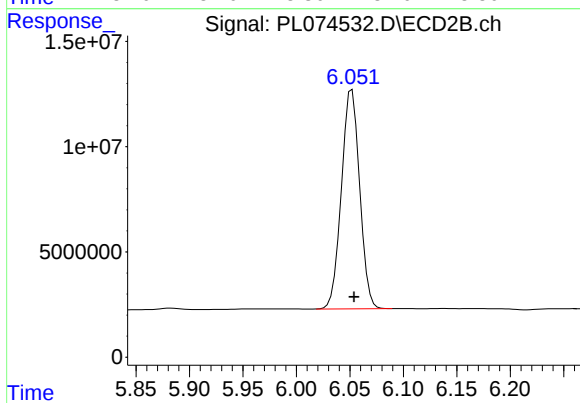
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 86031069
Conc: 48.25 ng/ml



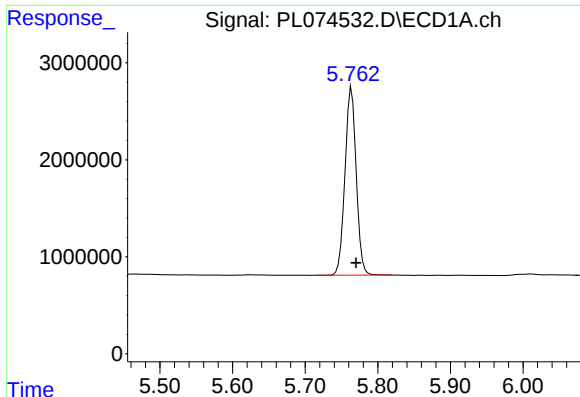
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: -0.007 min
Response: 20817521
Conc: 49.61 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 123804580
Conc: 49.17 ng/ml



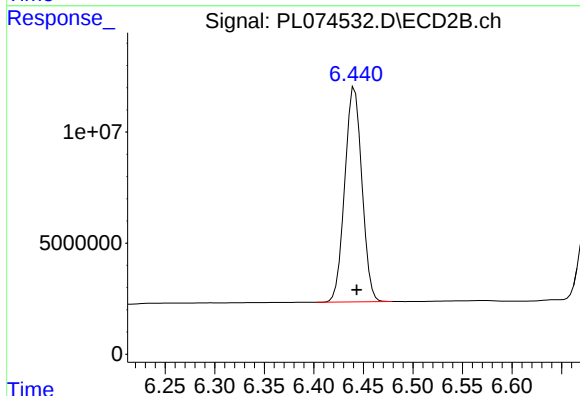
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 20881484
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

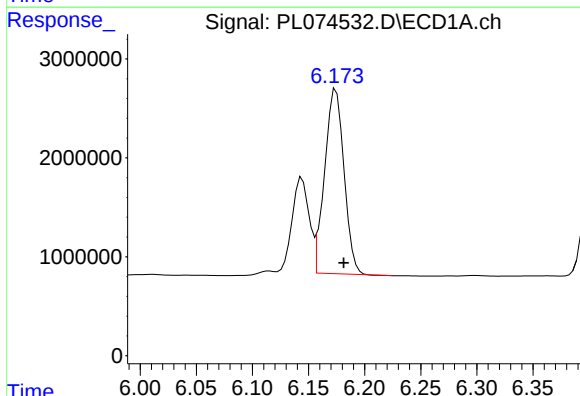
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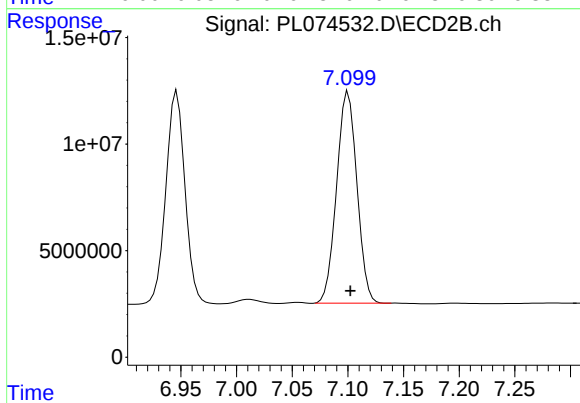
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 116474946
Conc: 49.21 ng/ml



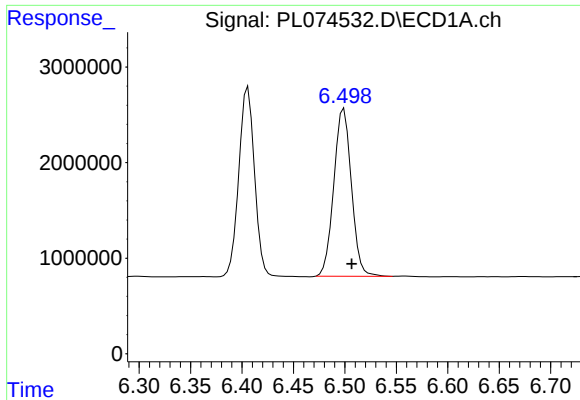
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.007 min
Response: 22395502
Conc: 49.72 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 126290138
Conc: 48.42 ng/ml



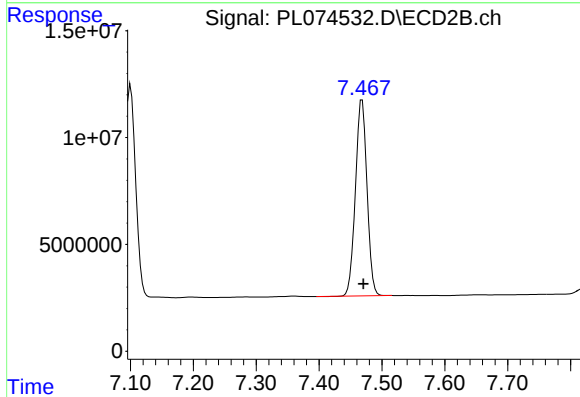
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.008 min
Response: 20894163
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

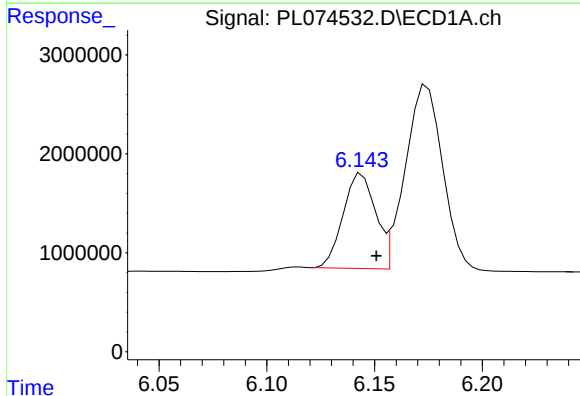
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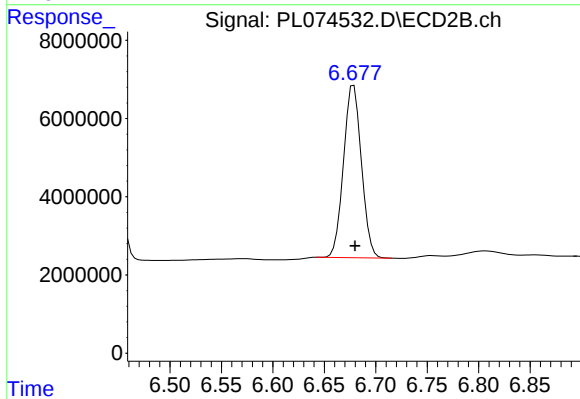
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 117936059
Conc: 50.22 ng/ml



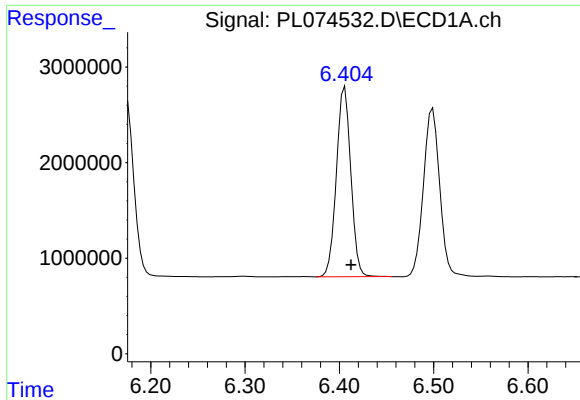
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: -0.007 min
Response: 10069230
Conc: 49.28 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 53379753
Conc: 47.36 ng/ml



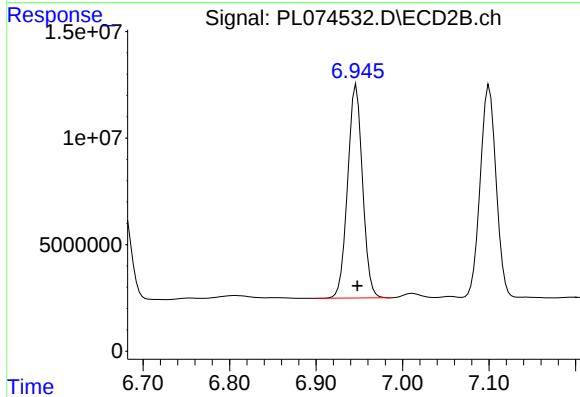
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 21098565
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

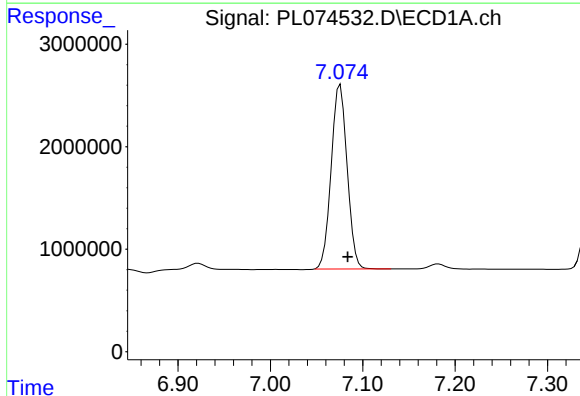
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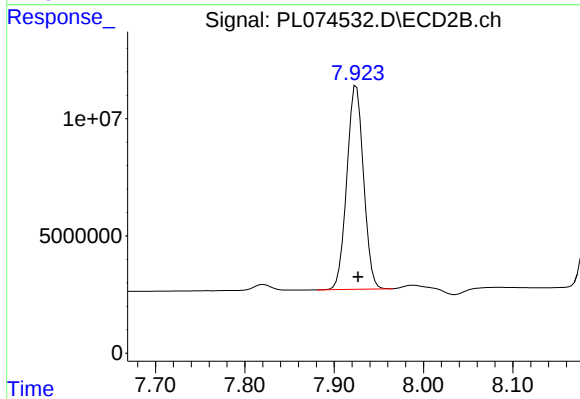
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 119234290
Conc: 48.82 ng/ml



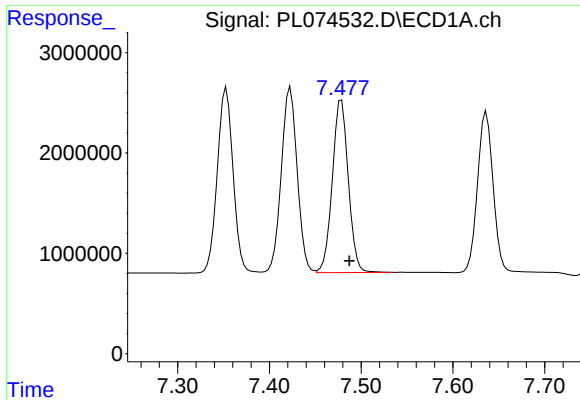
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 21569075
Conc: 50.28 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 112865942
Conc: 50.13 ng/ml



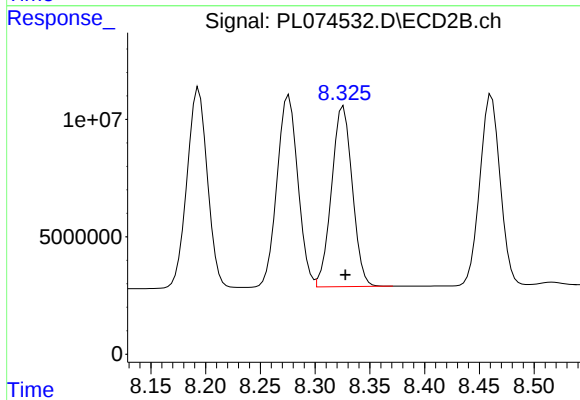
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.009 min
Response: 20864380
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

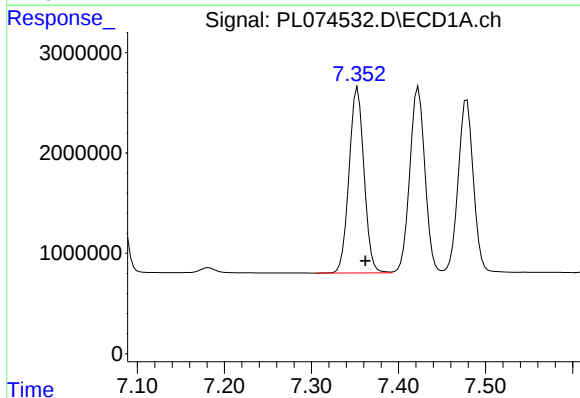
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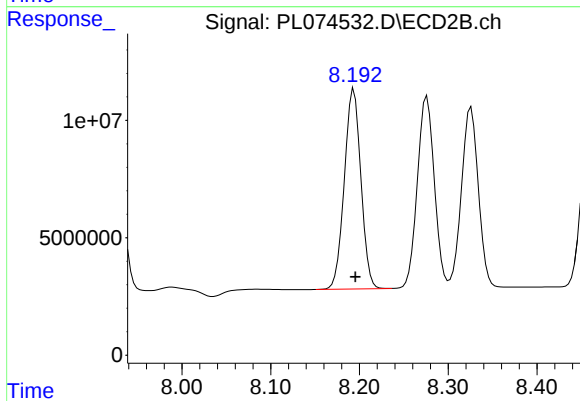
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 101267362
Conc: 51.44 ng/ml



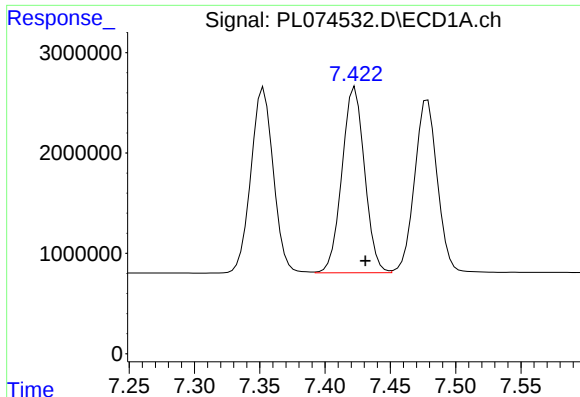
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 22042088
Conc: 50.26 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 110642607
Conc: 49.61 ng/ml



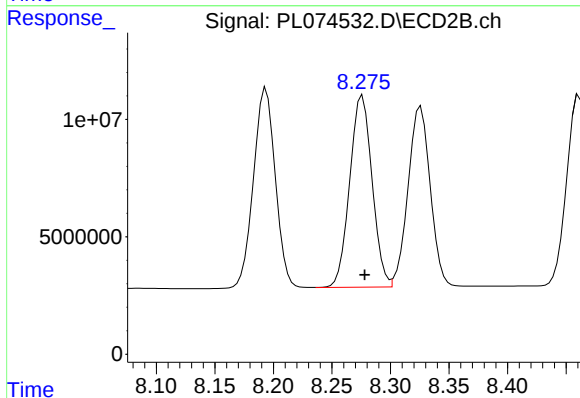
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.008 min
Response: 22317344
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

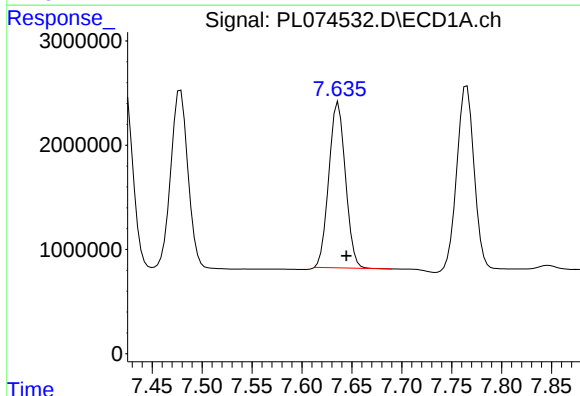
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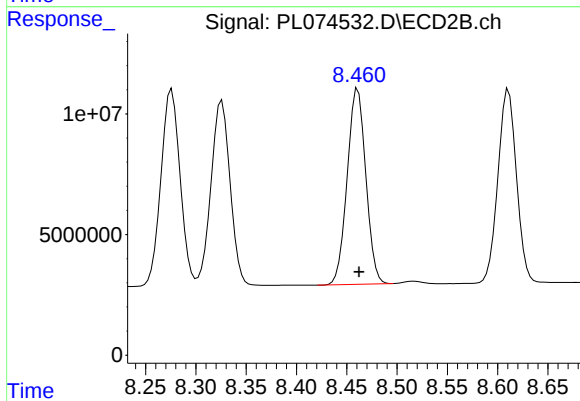
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 108826309
Conc: 50.56 ng/ml



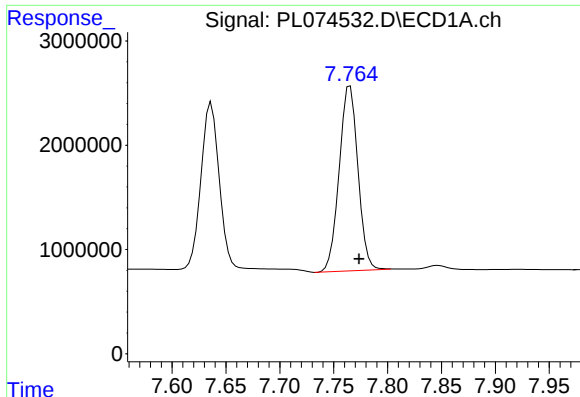
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: -0.008 min
Response: 18348807
Conc: 50.30 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 104295273
Conc: 52.36 ng/ml



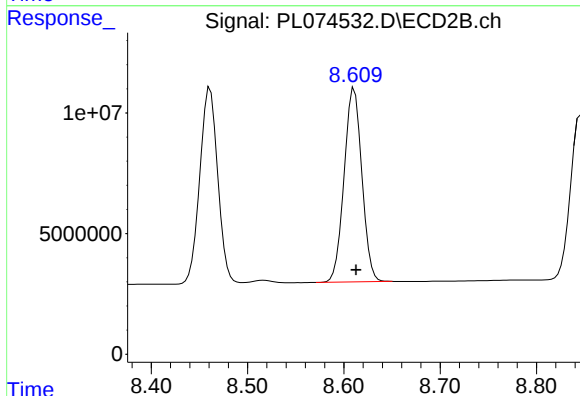
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: -0.010 min
Response: 21529388
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

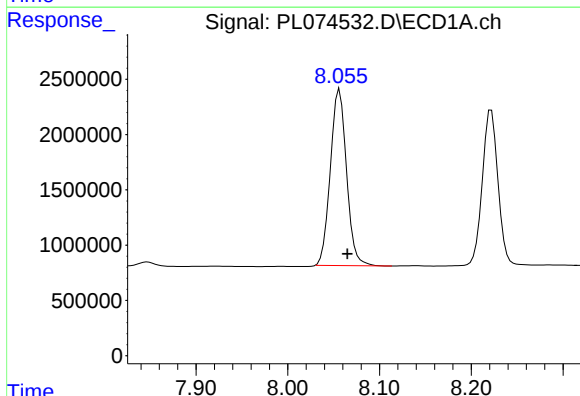
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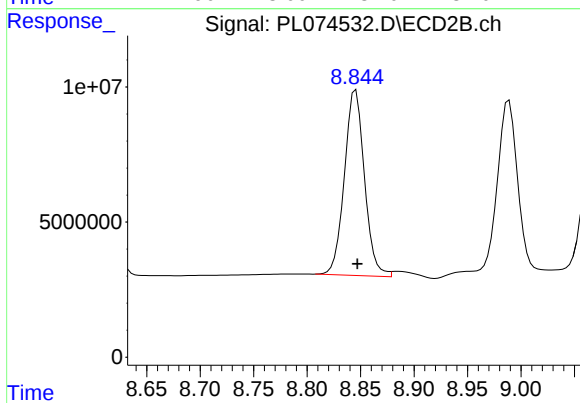
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 102728071
Conc: 51.23 ng/ml



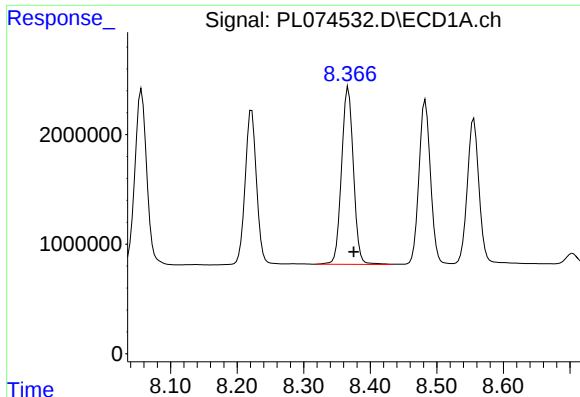
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.008 min
Response: 19561346
Conc: 48.15 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.002 min
Response: 89859286
Conc: 53.06 ng/ml



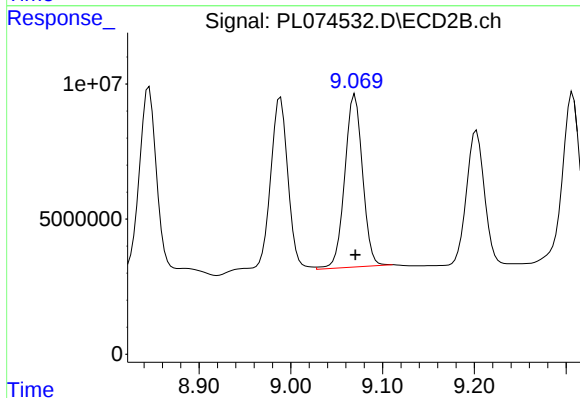
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 19984308
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

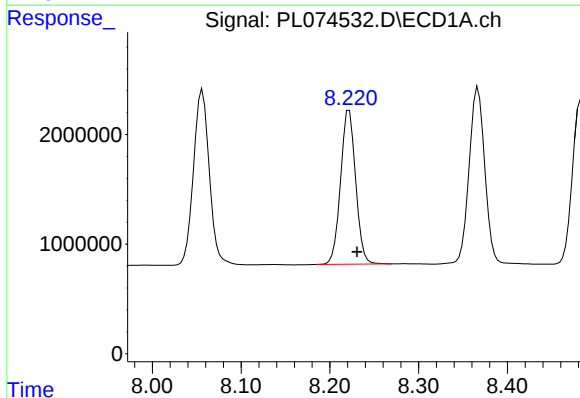
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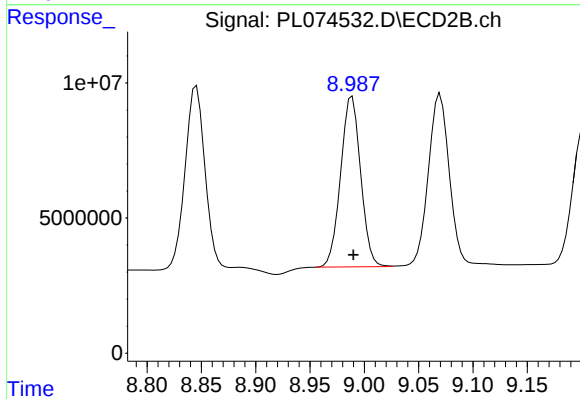
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 85765966
Conc: 49.37 ng/ml



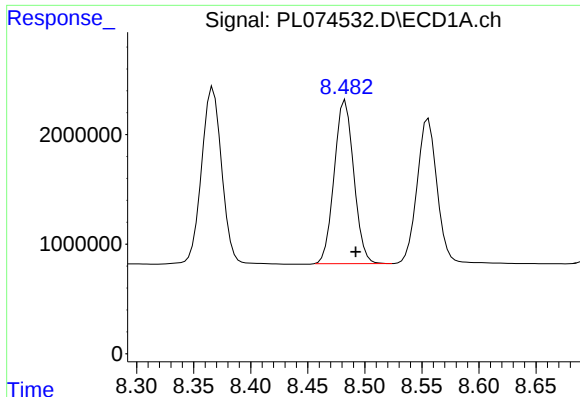
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.009 min
Response: 16613236
Conc: 51.45 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 81045085
Conc: 52.67 ng/ml m



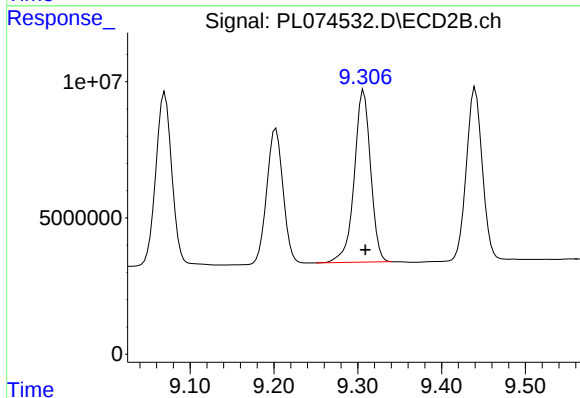
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 17813558
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

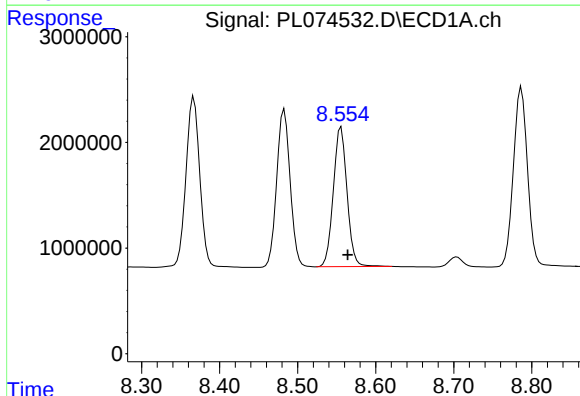
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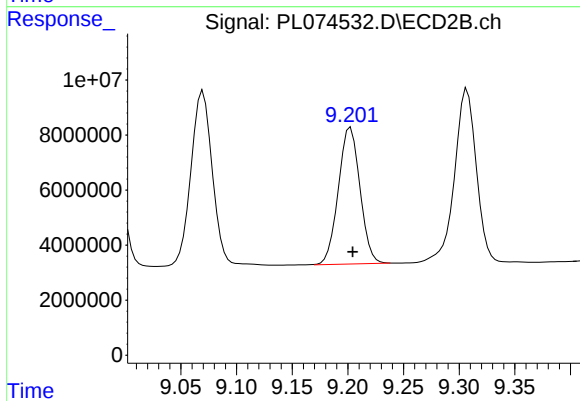
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 85504102
Conc: 48.23 ng/ml



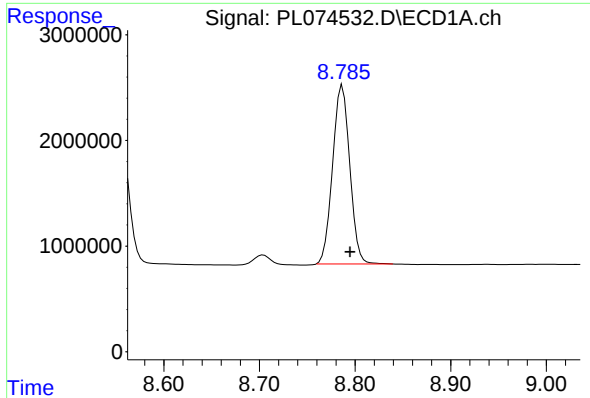
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.009 min
Response: 16109116
Conc: 49.79 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 67139660
Conc: 51.98 ng/ml m



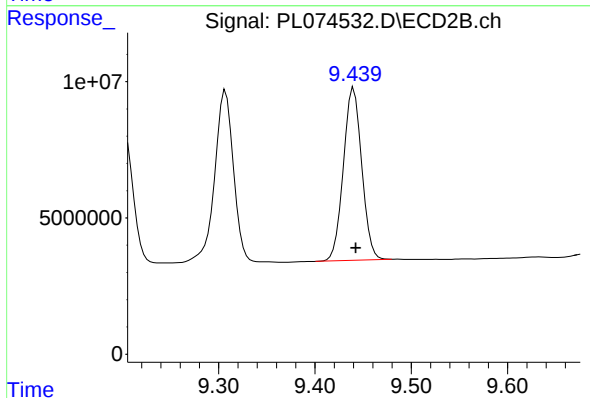
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 21107347
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

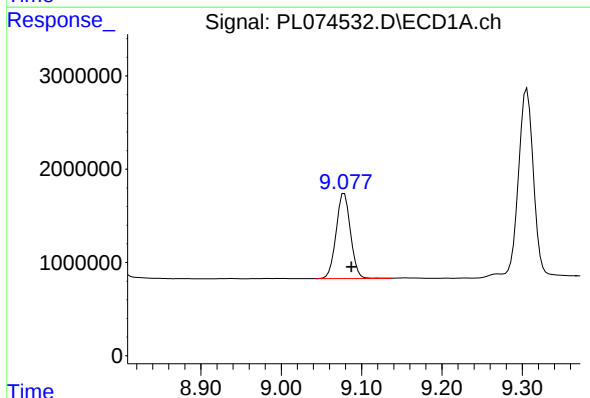
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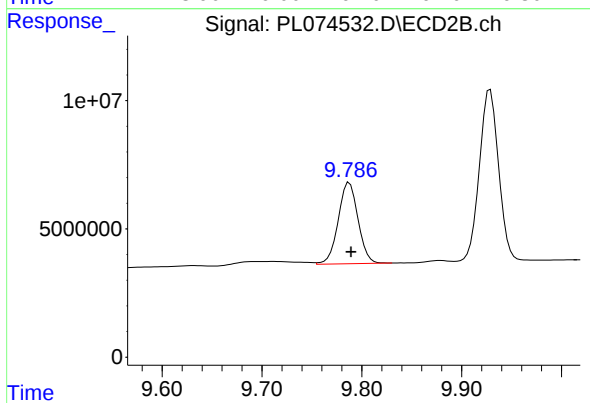
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 83624514
Conc: 50.25 ng/ml



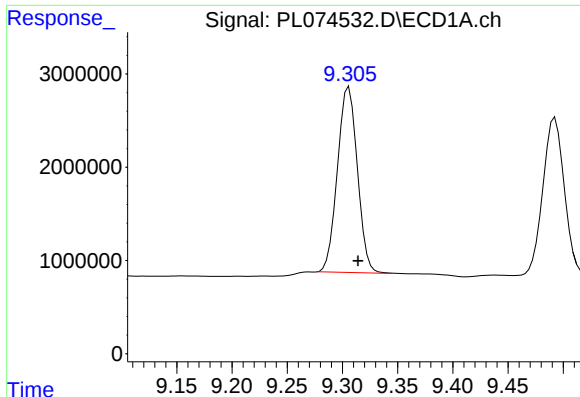
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 11398511
Conc: 45.91 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 43722207
Conc: 45.46 ng/ml



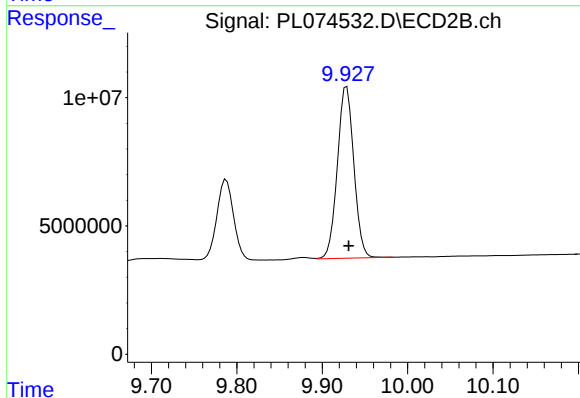
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.010 min
Response: 25038865
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

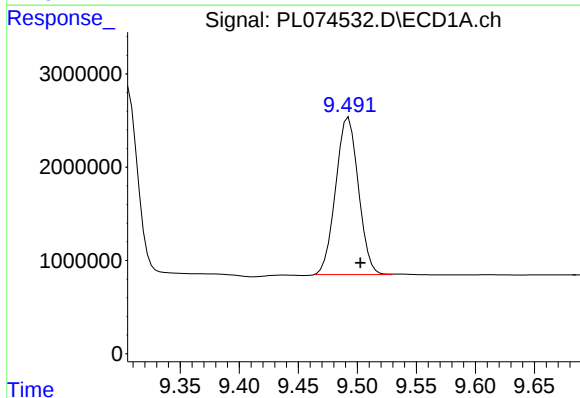
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2022
Supervised By :mohammad ahmed 05/05/2022



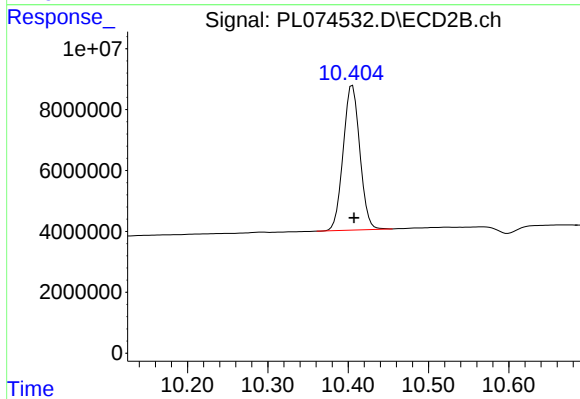
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 89833989
Conc: 51.90 ng/ml



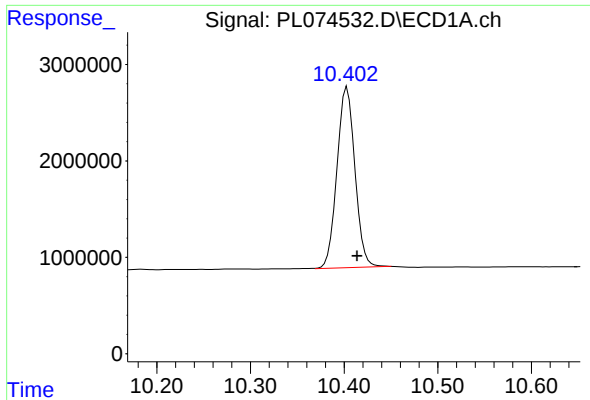
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.010 min
Response: 22583207
Conc: 48.42 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 68366807
Conc: 49.63 ng/ml



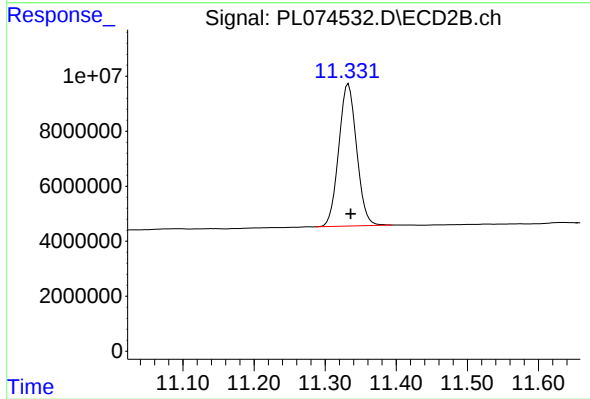
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 24934247
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/05/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 90196268
Conc: 51.07 ng/ml