

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
 Data File : PL074841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 15:04
 Operator : AR\AJ
 Sample : PB144933BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144933BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2022
 Supervised By : mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:41:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.646	4.651	8555091	21671125	16.849	15.789
28)	SA Decachlor...	11.645	10.402	8875331	22365259	19.874	21.790
Target Compounds							
2)	A alpha-BHC	6.230	5.354	33273941	83723357	48.636	49.750
3)	MA gamma-BHC...	6.628	5.774	31669846	80052537	49.063	48.446
4)	MA Heptachlor	7.283	6.184	31929913	76191066	49.475	50.197
5)	MB Aldrin	7.657	6.508	30921131	77052770	49.915	51.353
6)	B beta-BHC	6.879	6.151	14208635	36605483	47.607	46.104
7)	B delta-BHC	7.150	6.413	29960417	76062339	47.780	48.643
8)	B Heptachlo...	8.125	7.082	28773969	70430931	50.592	50.605
9)	A Endosulfan I	8.533	7.484	28430463	64046017	49.316	51.190
10)	B gamma-Chl...	8.395	7.359	27254201	71257486	52.690	51.418
11)	B alpha-Chl...	8.477	7.428	30630039	70645731	50.172	52.259
12)	B 4,4'-DDE	8.662	7.640	24252114	62531306	52.388	53.141
13)	MA Dieldrin	8.824	7.770	27471412	69573763	52.266	54.614
14)	MA Endrin	9.064	8.061	22180685	58429162	53.750	55.315
15)	B Endosulfa...	9.298	8.370	24356155	60629976	55.404	53.673
16)	A 4,4'-DDD	9.204	8.224	21121829	53368737	46.717	54.174
17)	MA 4,4'-DDT	9.522	8.485	21822213	53750141	47.478m	53.722
18)	B Endrin al...	9.433	8.558	20789422	48068717	58.741	60.185
19)	B Endosulfa...	9.671	8.789	23447810	58411197	51.879	53.660
20)	A Methoxychlor	10.010	9.079	12888494	32136957	52.625	54.992
21)	B Endrin ke...	10.174	9.307	26933275	63771284	52.518	57.200
22)	Mirex	10.648	9.496	20439458	51935838	50.654	53.620

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
Data File : PL074841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2022 15:04
Operator : AR\AJ
Sample : PB144933BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB144933BS

Manual Integrations

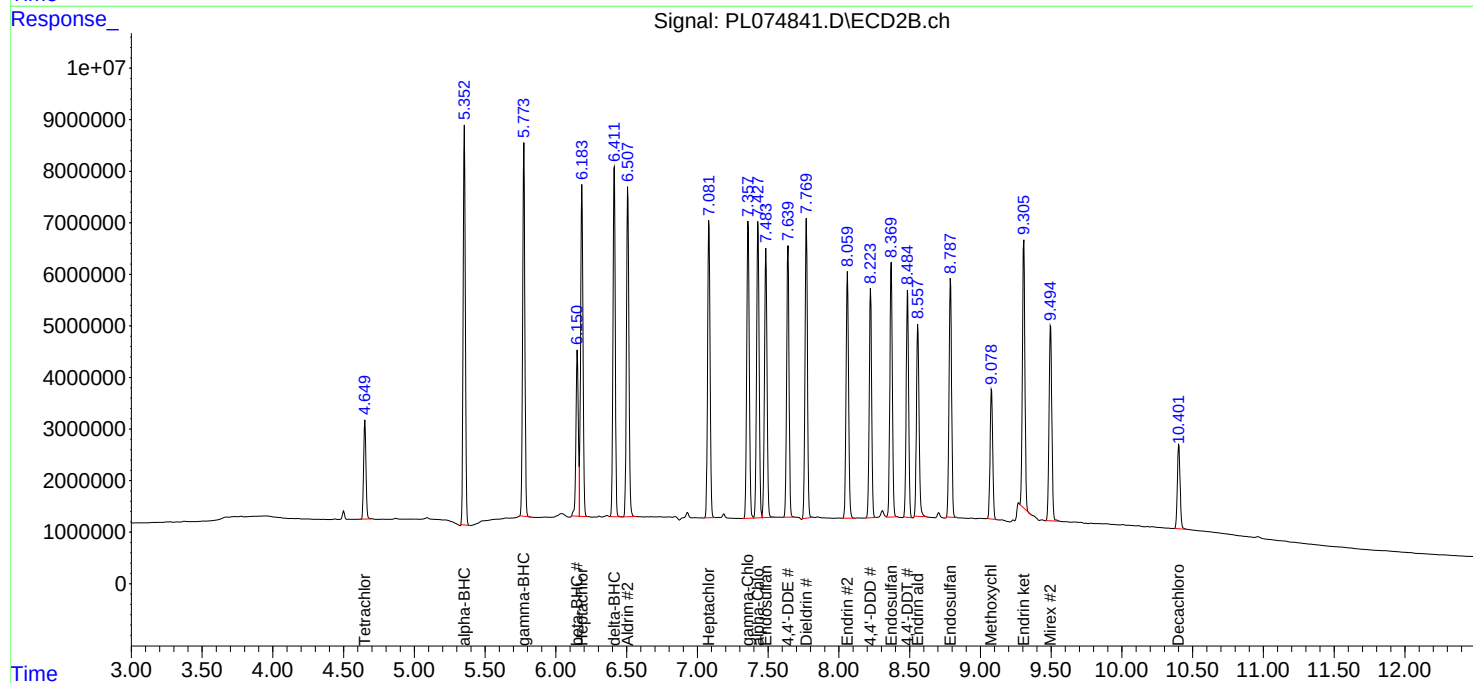
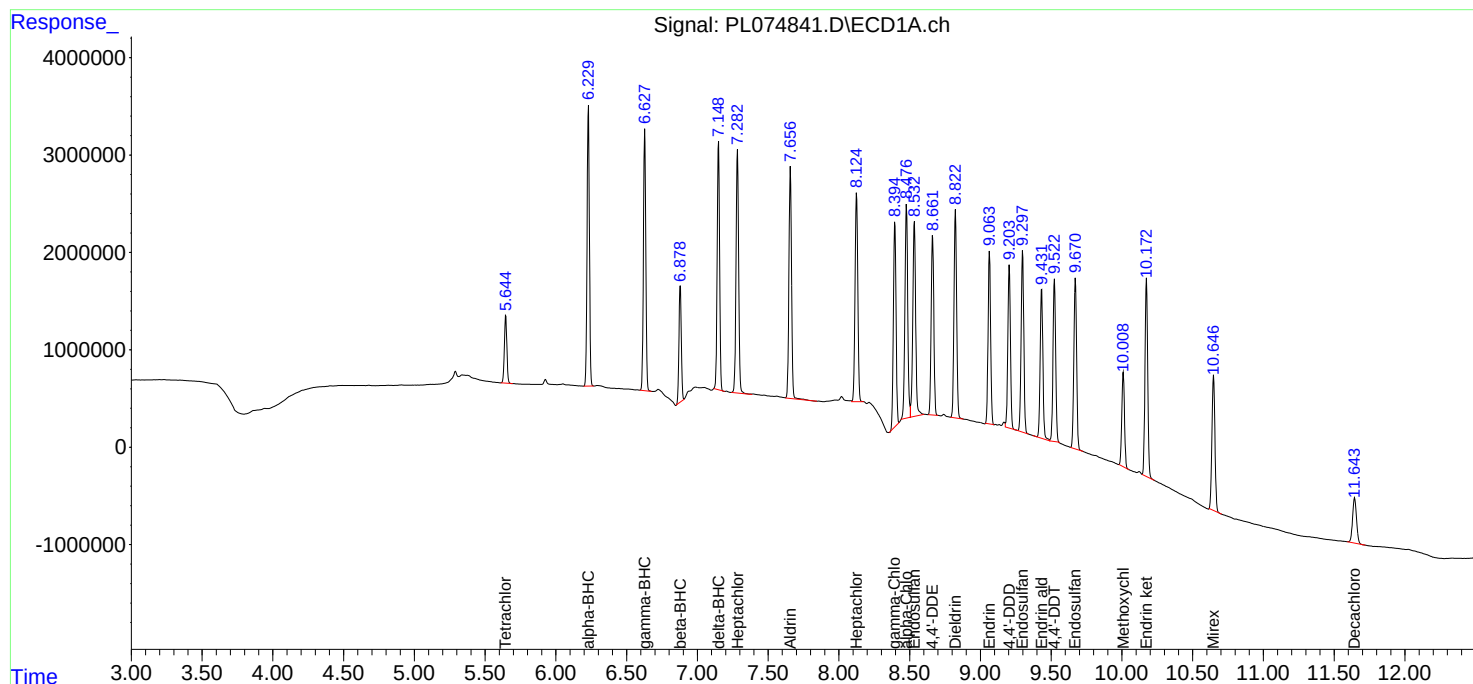
APPROVED

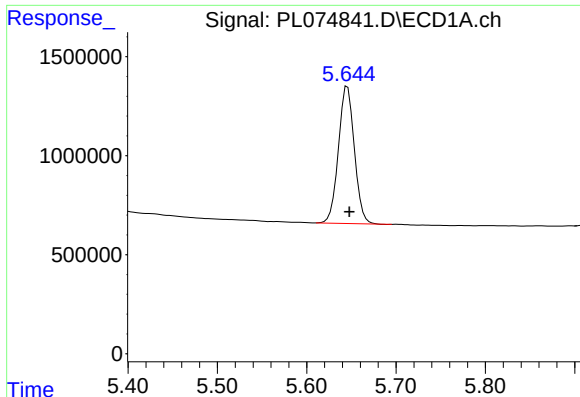
Reviewed By :Abdul Mirza 05/20/2022

Supervised By :mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 02:41:15 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
Quant Title : GC Extractables
QLast Update : Sat May 14 02:37:15 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





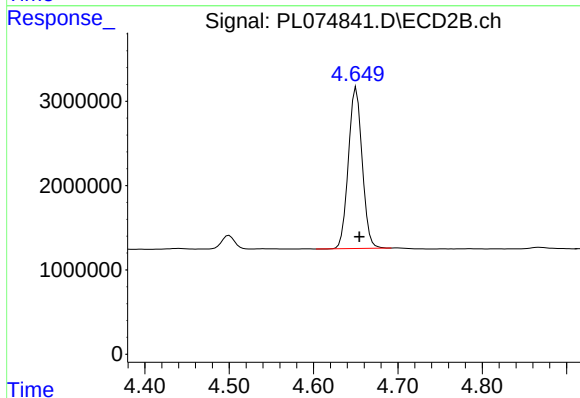
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 8555091
Conc: 16.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

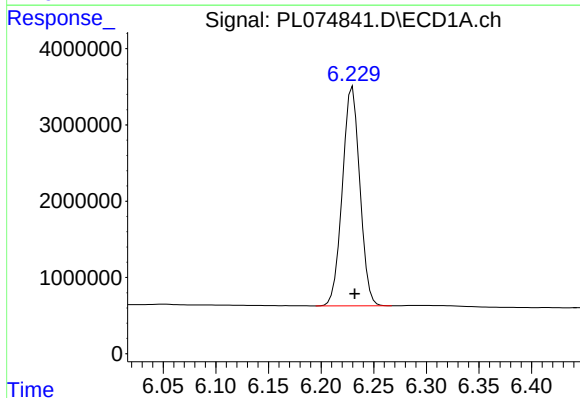
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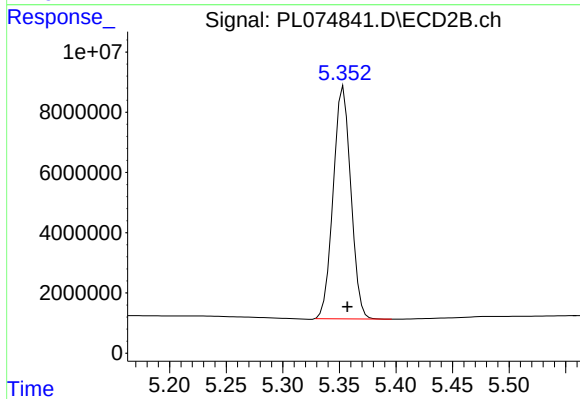
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 21671125
Conc: 15.79 ng/ml



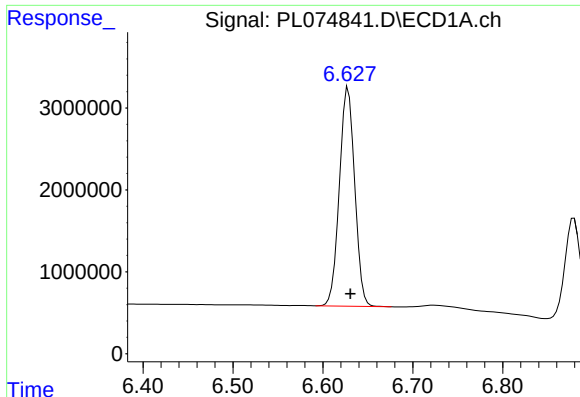
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 33273941
Conc: 48.64 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 83723357
Conc: 49.75 ng/ml



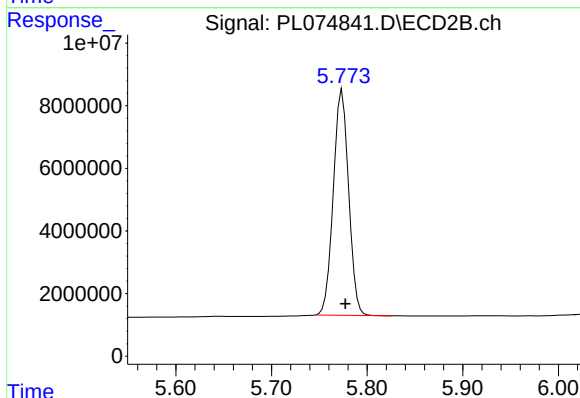
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 31669846
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

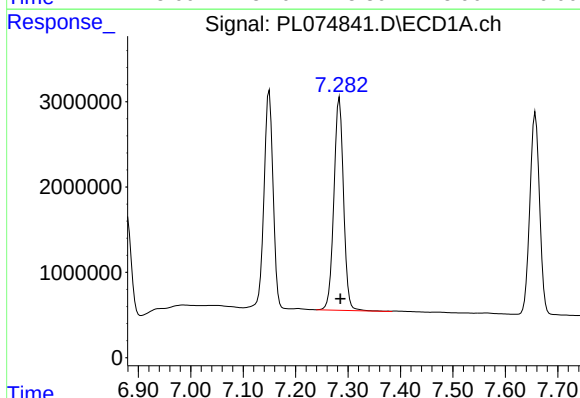
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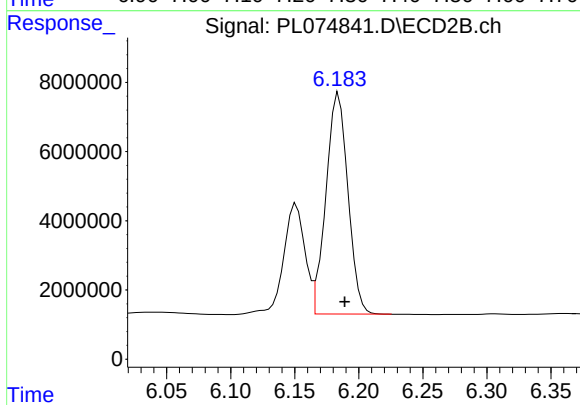
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 80052537
Conc: 48.45 ng/ml



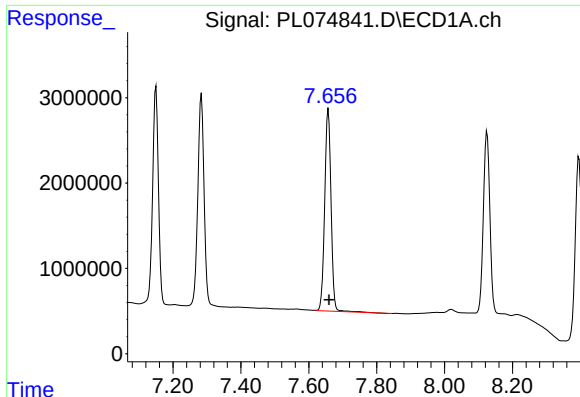
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: -0.002 min
Response: 31929913
Conc: 49.48 ng/ml



#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 76191066
Conc: 50.20 ng/ml



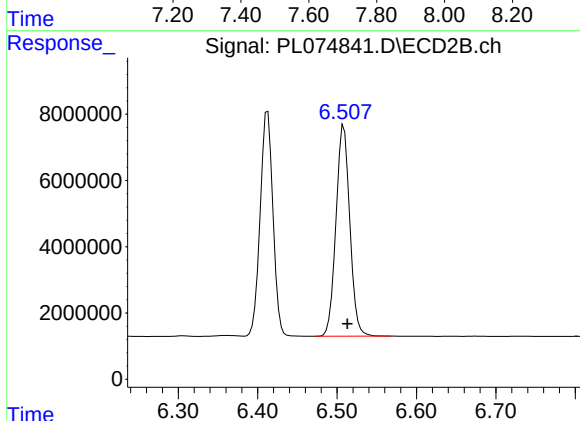
#5 Aldrin

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 30921131
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

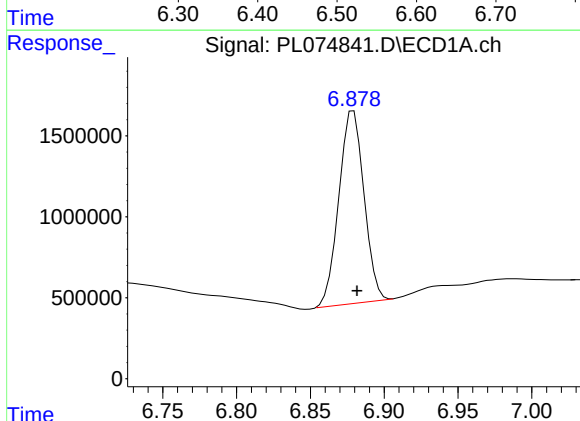
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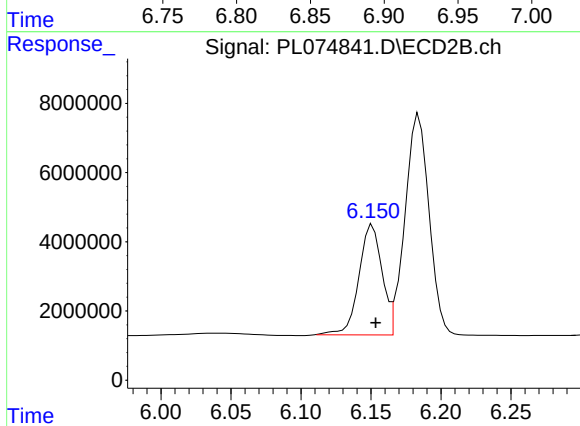
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 77052770
Conc: 51.35 ng/ml



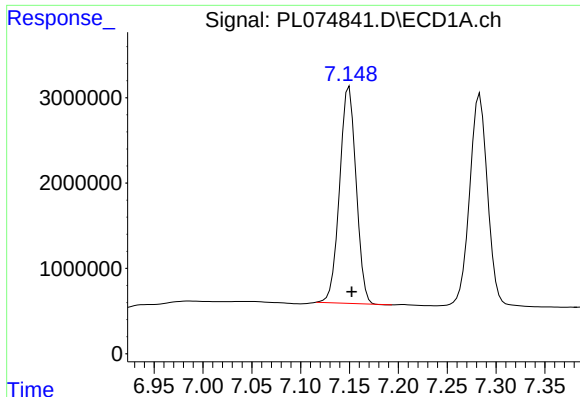
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.002 min
Response: 14208635
Conc: 47.61 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 36605483
Conc: 46.10 ng/ml



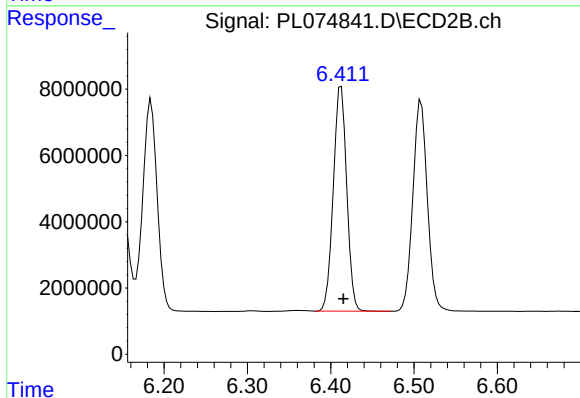
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 29960417
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

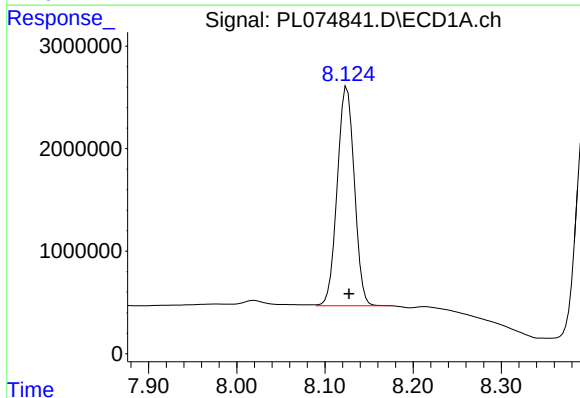
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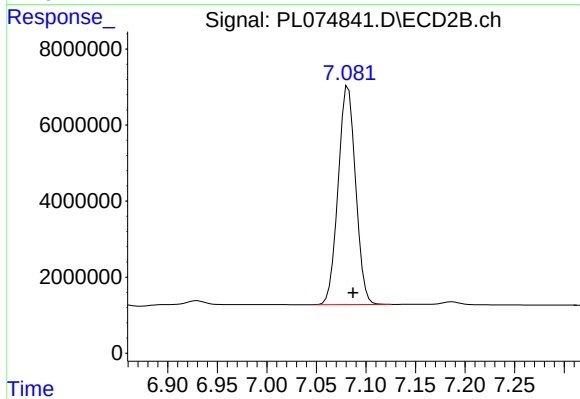
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 76062339
Conc: 48.64 ng/ml



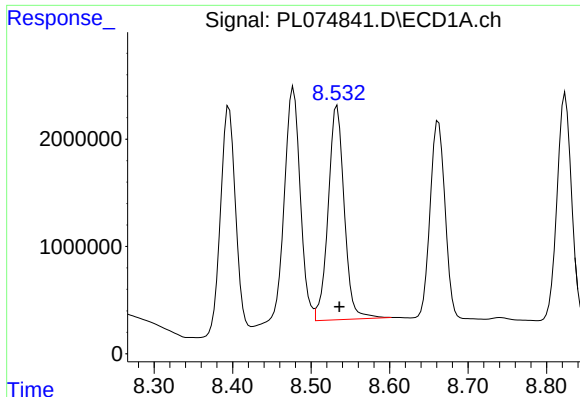
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 28773969
Conc: 50.59 ng/ml



#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 70430931
Conc: 50.60 ng/ml



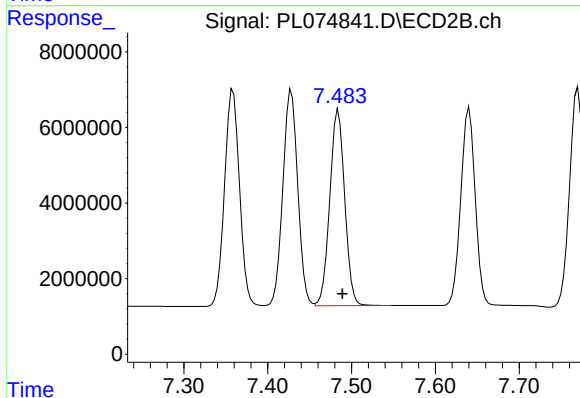
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 28430463
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

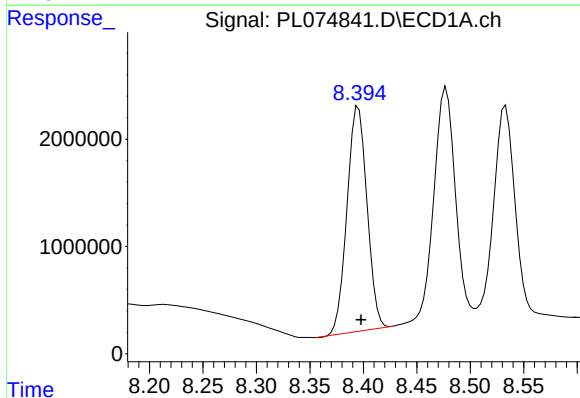
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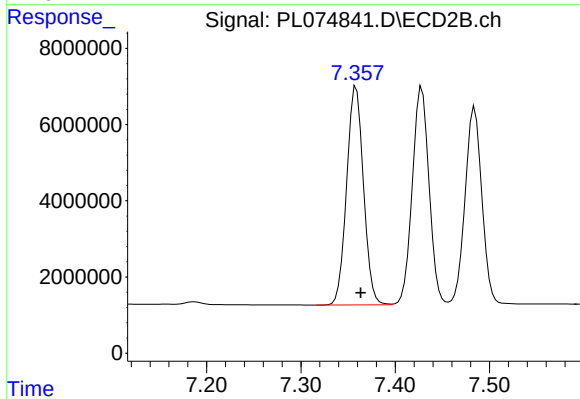
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 64046017
Conc: 51.19 ng/ml



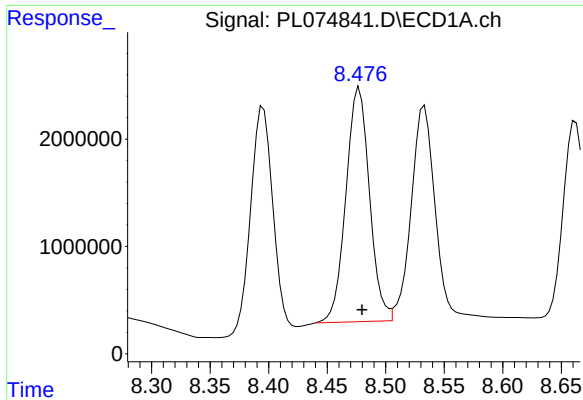
#10 gamma-Chlordane

R.T.: 8.395 min
Delta R.T.: -0.002 min
Response: 27254201
Conc: 52.69 ng/ml



#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.005 min
Response: 71257486
Conc: 51.42 ng/ml



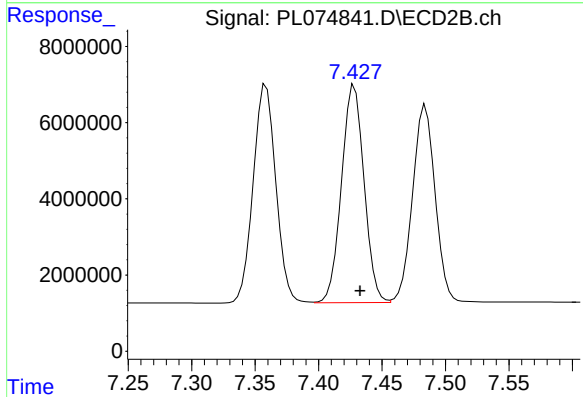
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 30630039
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

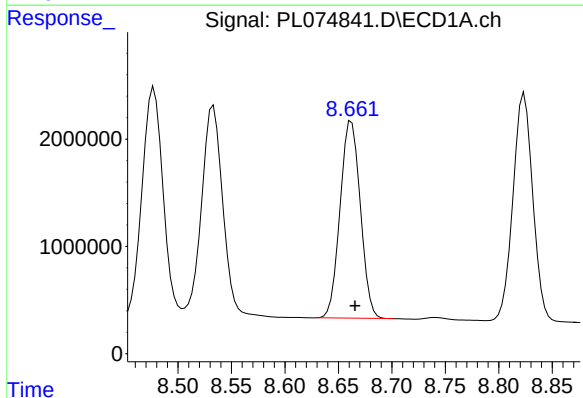
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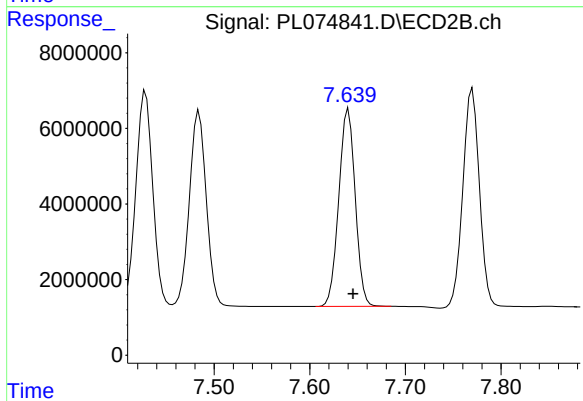
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.004 min
Response: 70645731
Conc: 52.26 ng/ml



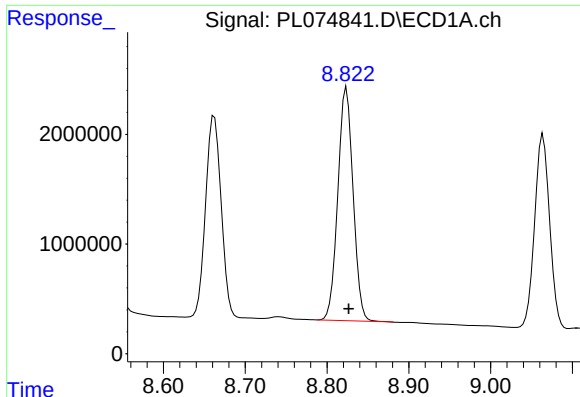
#12 4,4'-DDE

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 24252114
Conc: 52.39 ng/ml



#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 62531306
Conc: 53.14 ng/ml



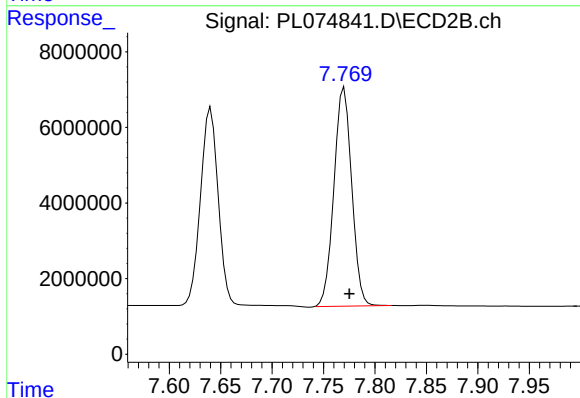
#13 Dieldrin

R.T.: 8.824 min
Delta R.T.: -0.003 min
Response: 27471412
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

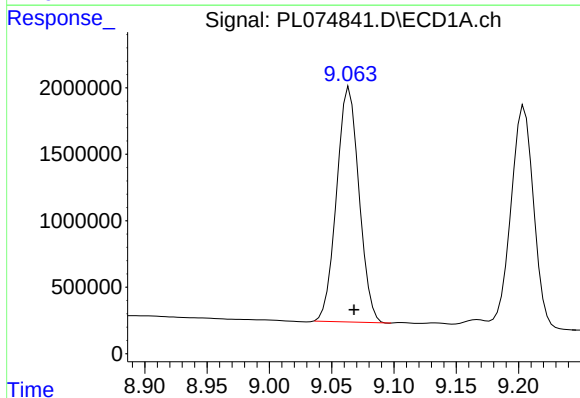
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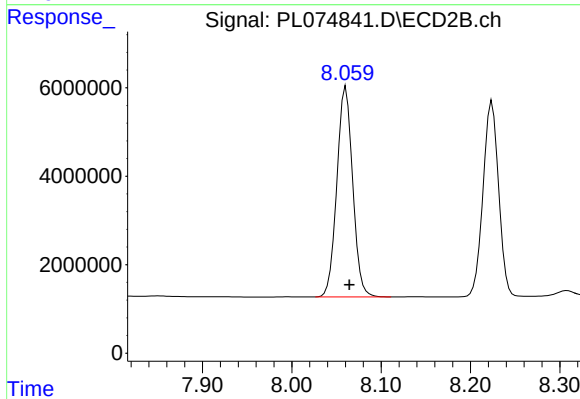
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 69573763
Conc: 54.61 ng/ml



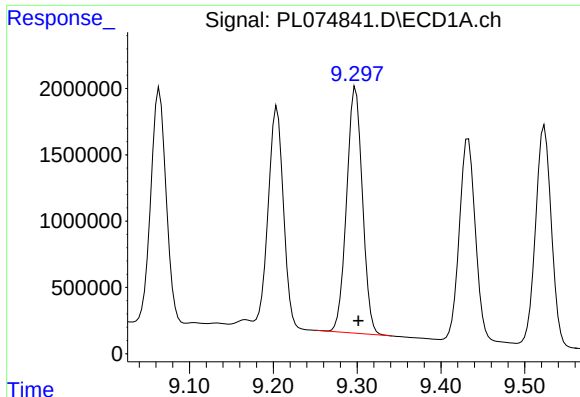
#14 Endrin

R.T.: 9.064 min
Delta R.T.: -0.004 min
Response: 22180685
Conc: 53.75 ng/ml



#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 58429162
Conc: 55.31 ng/ml



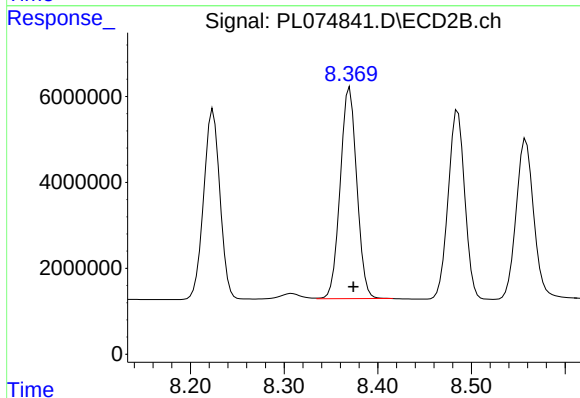
#15 Endosulfan II

R.T.: 9.298 min
Delta R.T.: -0.003 min
Response: 24356155
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

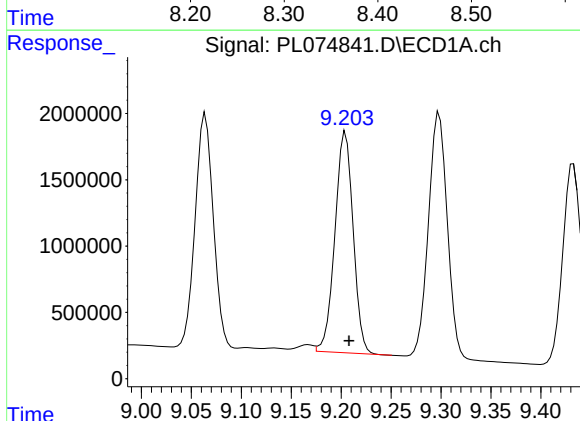
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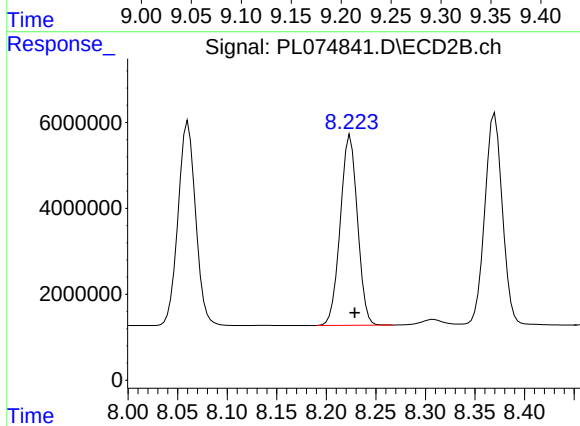
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 60629976
Conc: 53.67 ng/ml



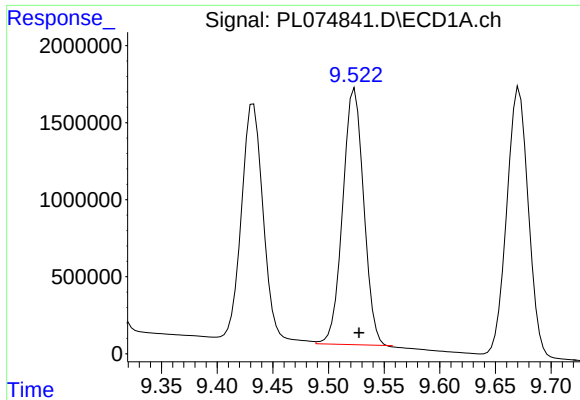
#16 4,4'-DDD

R.T.: 9.204 min
Delta R.T.: -0.003 min
Response: 21121829
Conc: 46.72 ng/ml



#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 53368737
Conc: 54.17 ng/ml



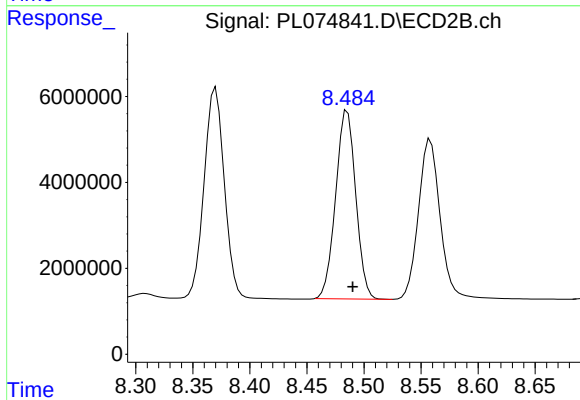
#17 4,4'-DDT

R.T.: 9.522 min
Delta R.T.: -0.005 min
Response: 21822213
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

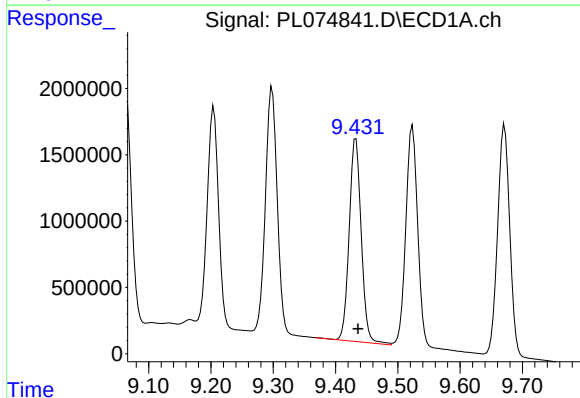
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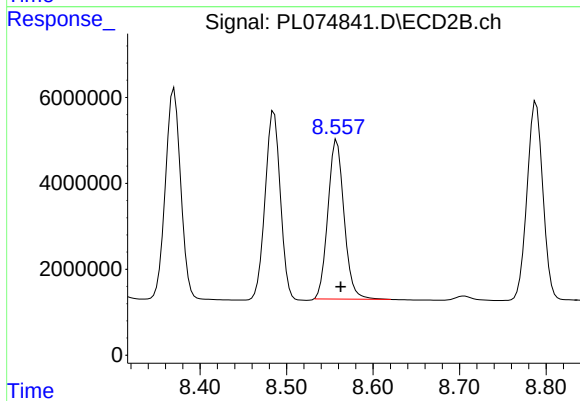
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 53750141
Conc: 53.72 ng/ml



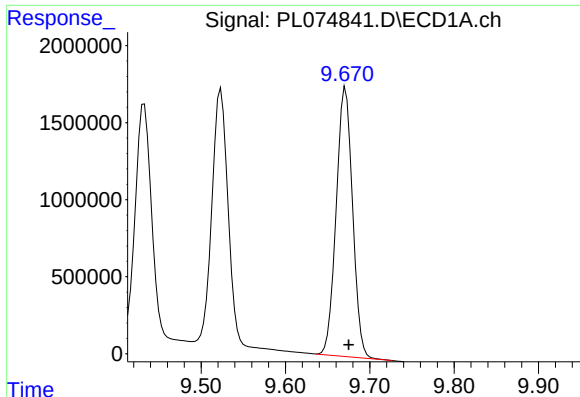
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 20789422
Conc: 58.74 ng/ml



#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.004 min
Response: 48068717
Conc: 60.18 ng/ml



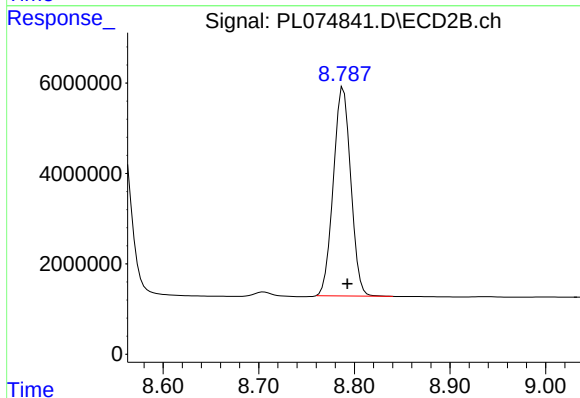
#19 Endosulfan Sulfate

R.T.: 9.671 min
Delta R.T.: -0.004 min
Response: 23447810
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

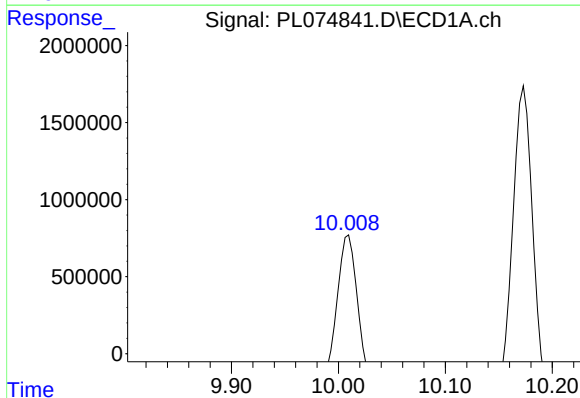
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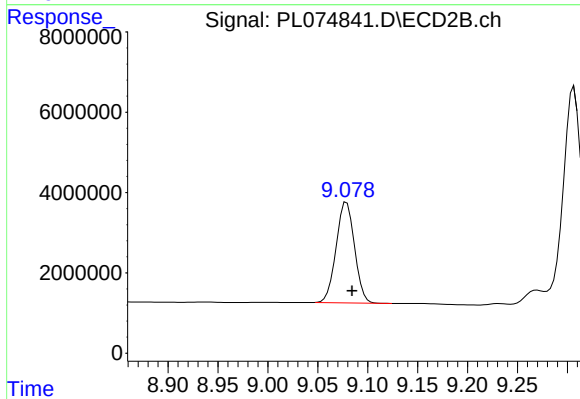
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 58411197
Conc: 53.66 ng/ml



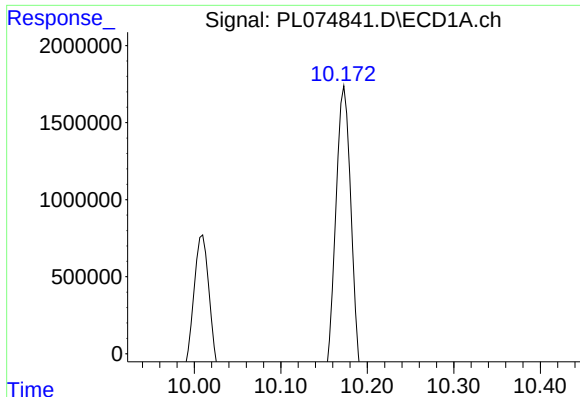
#20 Methoxychlor

R.T.: 10.010 min
Delta R.T.: -0.004 min
Response: 12888494
Conc: 52.62 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 32136957
Conc: 54.99 ng/ml



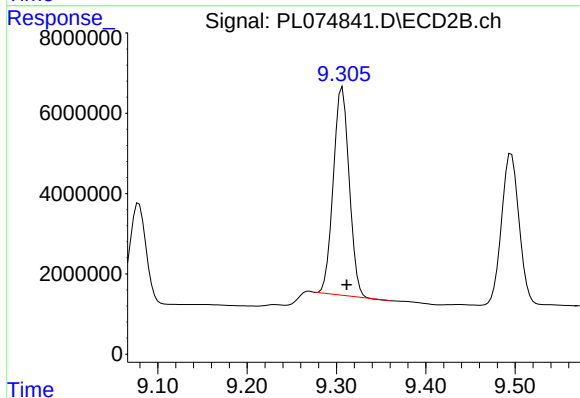
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.003 min
Response: 26933275
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

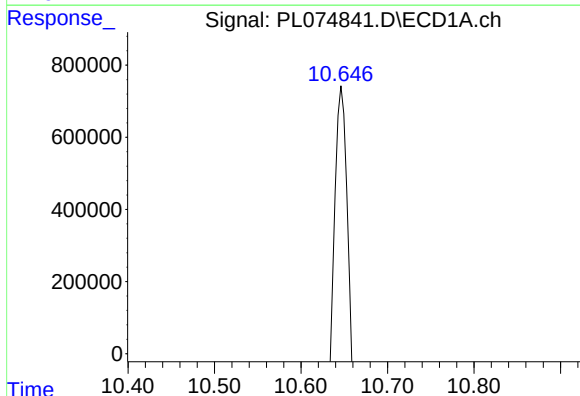
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Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



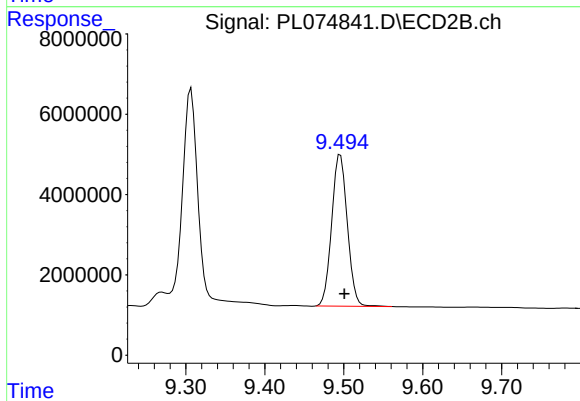
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.005 min
Response: 63771284
Conc: 57.20 ng/ml



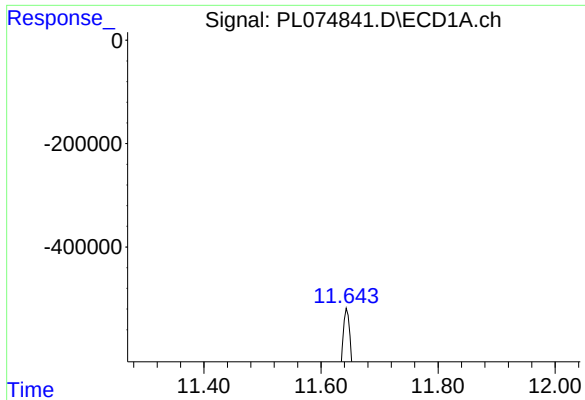
#22 Mirex

R.T.: 10.648 min
Delta R.T.: -0.004 min
Response: 20439458
Conc: 50.65 ng/ml



#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.005 min
Response: 51935838
Conc: 53.62 ng/ml



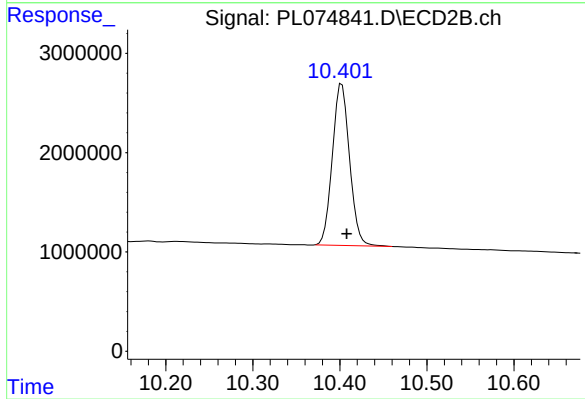
#28 Decachlorobiphenyl

R.T.: 11.645 min
Delta R.T.: -0.006 min
Response: 8875331
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144933BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.006 min
Response: 22365259
Conc: 21.79 ng/ml