

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073951.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 19:01
 Operator : AR\AJ
 Sample : N2257-05MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/12/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:08:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.638	5.490	6281308	29286852	19.440	16.426
2) SA Decachlor...	10.409	11.319f	12182105	48013168	23.426	27.183
Target Compounds						
2) A alpha-BHC	5.346	6.053	20552866	112.5E6	48.975	44.694
3) MA gamma-BHC...	5.769	6.441	24919800	102.7E6	59.418	43.379m#
4) MA Heptachlor	6.181	7.102	20137191	100.3E6	44.704	38.434
5) MB Aldrin	6.506	7.469	20179410	97870430	48.619	41.672
6) B beta-BHC	6.150	6.679	9808856	44821889	48.006	39.770
7) B delta-BHC	6.411	6.946	20879105	100.6E6	50.473	41.209
8) B Heptachlo...	7.082	7.926	19657672	86170678	45.829	38.271
9) A Endosulfan I	7.486	8.326	15660152	80618523	38.184	40.951
10) B gamma-Chl...	7.360	8.194	25015332	120.3E6	57.036	53.919
11) B alpha-Chl...	7.430	8.277	21699817	101.6E6	49.120	47.218
12) B 4,4'-DDE	7.644	8.460	18768403	75150035	51.446	37.732m#
13) MA Dieldrin	7.774	8.611	24852642	89599737	57.855	44.682
14) MA Endrin	8.063	8.844	20388872	76028534	50.190	44.890m
15) B Endosulfa...	8.374	9.070	19340289	65887883	46.924	37.927
16) A 4,4'-DDD	8.228	8.988	21997852	78845657	68.120m	51.245
17) MA 4,4'-DDT	8.490	9.308	19227177	74714883	52.016	42.148
18) B Endrin al...	8.562	9.202	13707841	62220540	42.367	48.172
19) B Endosulfa...	8.793	9.439	19919778	67580053	46.648	40.605
20) A Methoxychlor	9.087	9.786	9173311	56464591	36.949	58.704m#
21) B Endrin ke...	9.312	9.928	18906865	78008916	38.700	45.067
22) Mirex	9.498	10.404	19302699	75904126	41.386m	55.107m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
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ClientSampleId :

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Manual Integrations

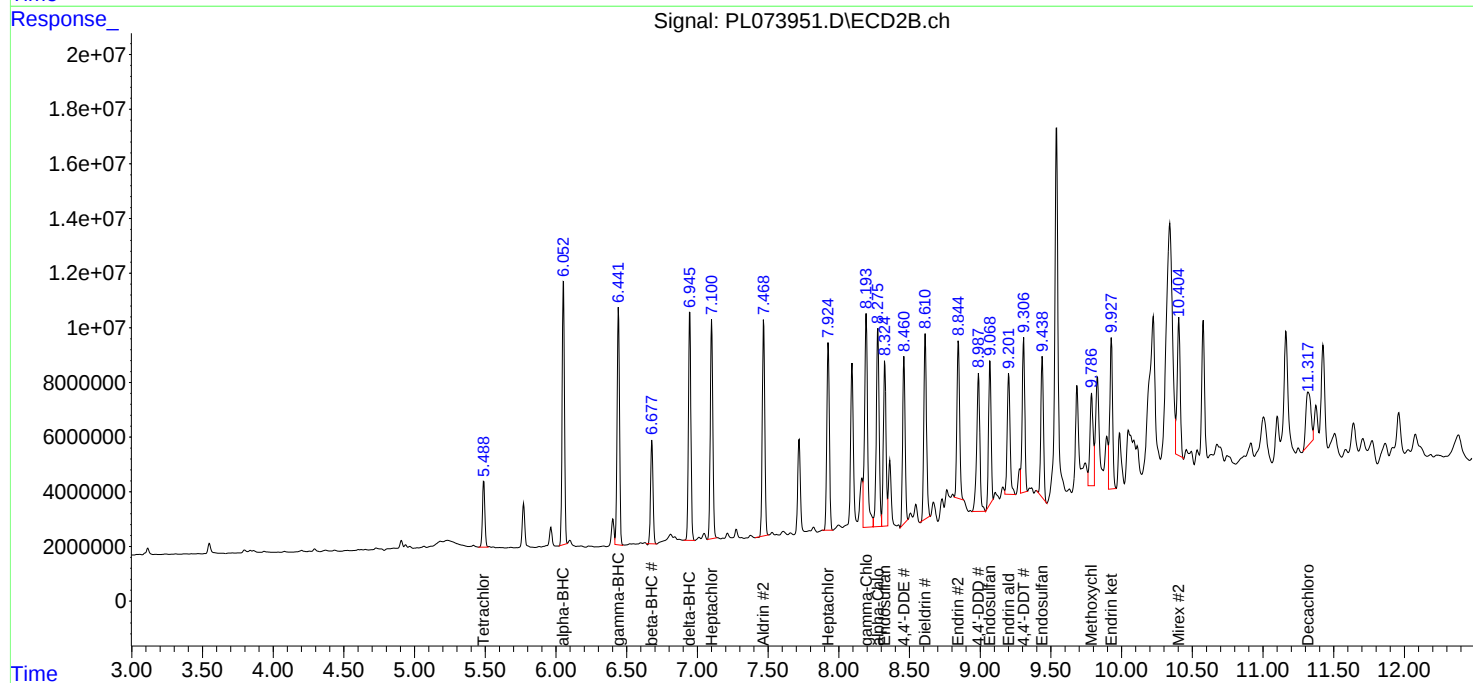
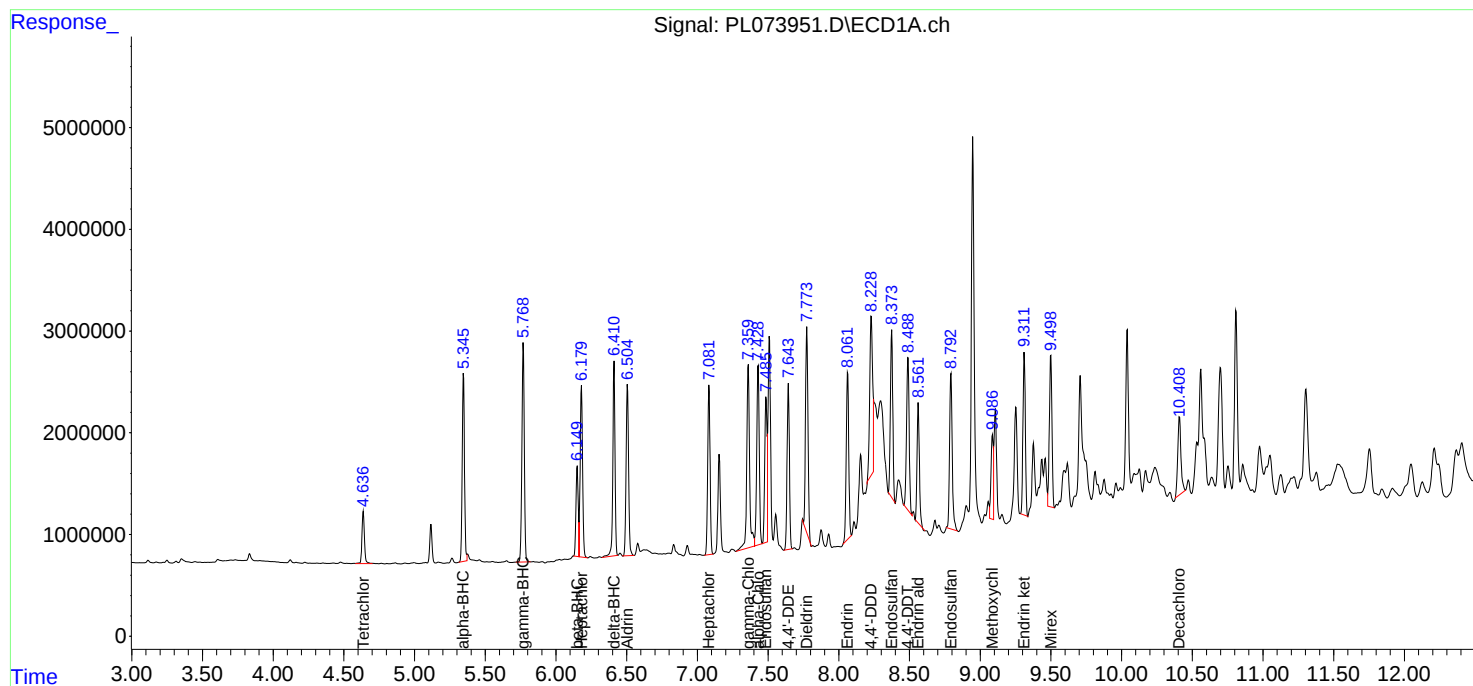
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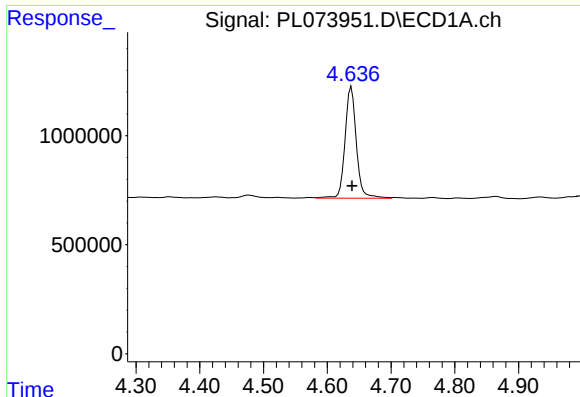
Reviewed By :Abdul Mirza 04/12/2022

Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
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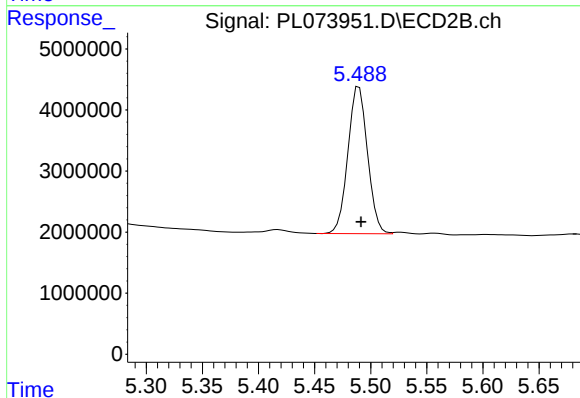
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 6281308
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

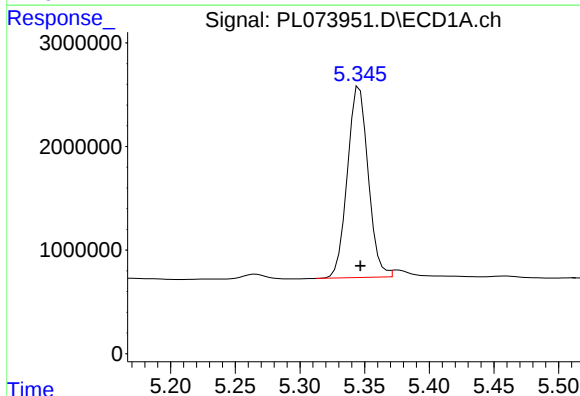
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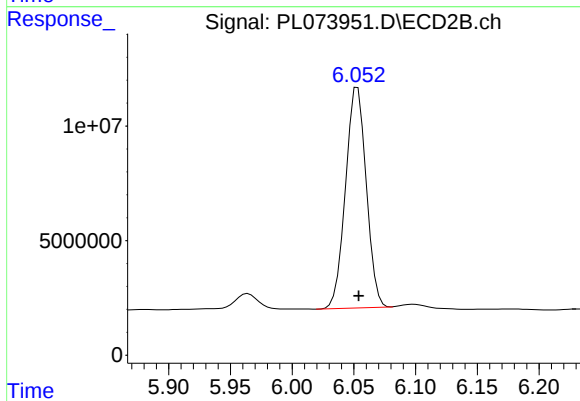
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 29286852
Conc: 16.43 ng/ml



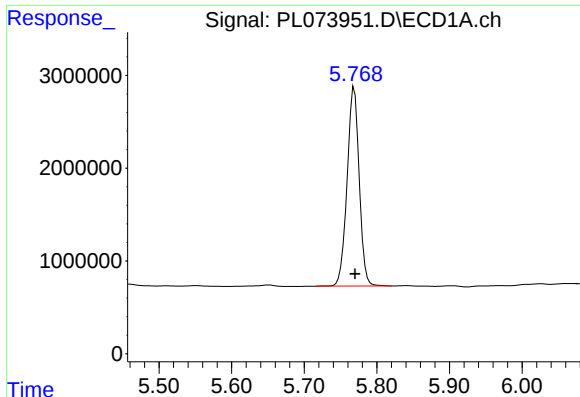
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 20552866
Conc: 48.97 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 112543188
Conc: 44.69 ng/ml



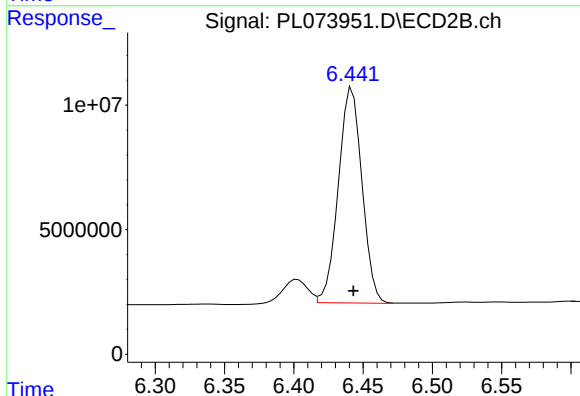
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 24919800
Conc: 59.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

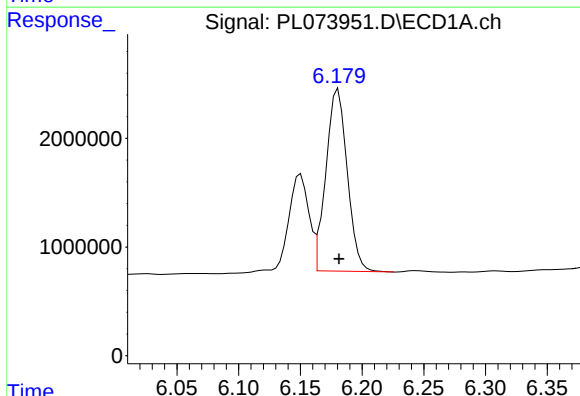
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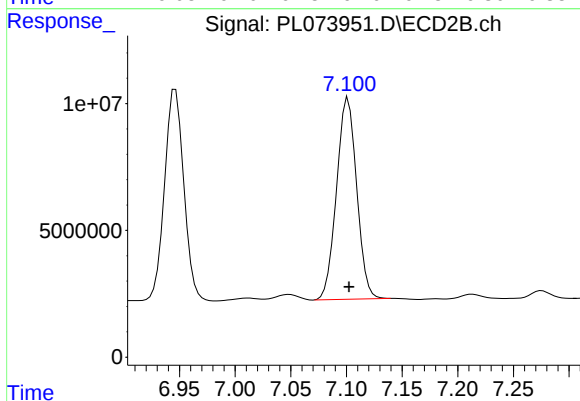
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 102683606
Conc: 43.38 ng/ml m



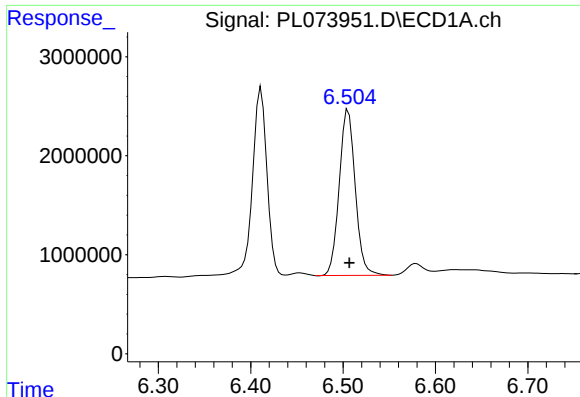
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 20137191
Conc: 44.70 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 100253082
Conc: 38.43 ng/ml



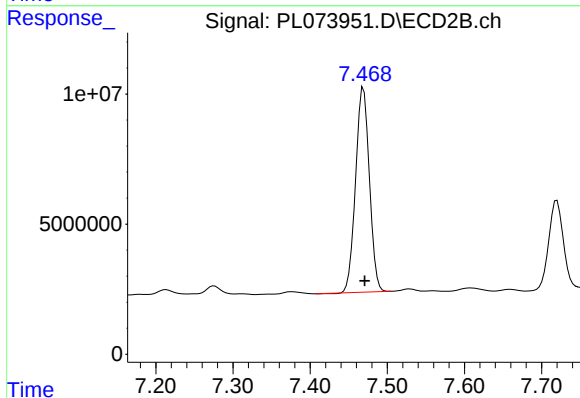
#5 Aldrin

R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 20179410
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

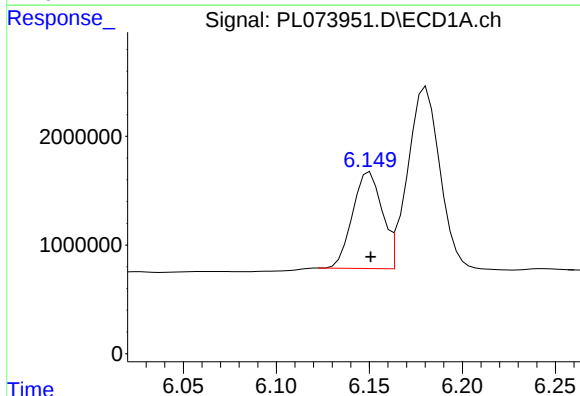
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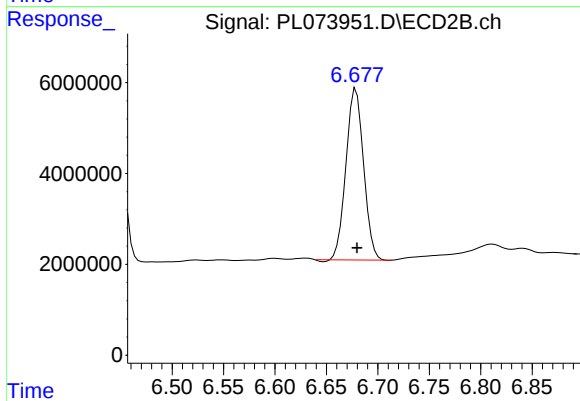
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 97870430
Conc: 41.67 ng/ml



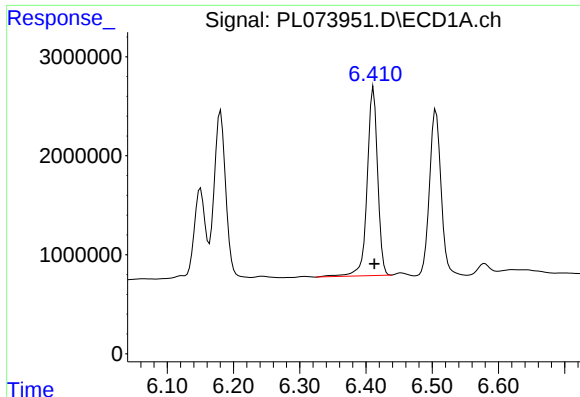
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 9808856
Conc: 48.01 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 44821889
Conc: 39.77 ng/ml



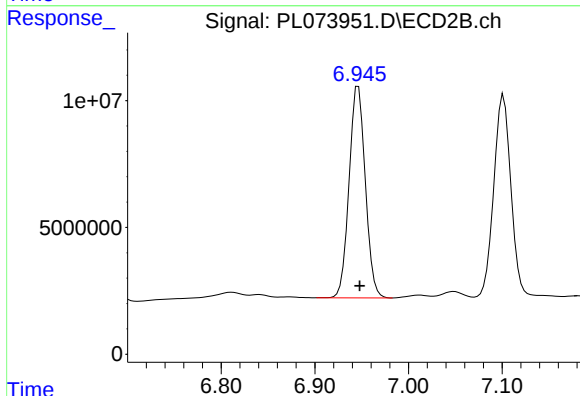
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 20879105
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

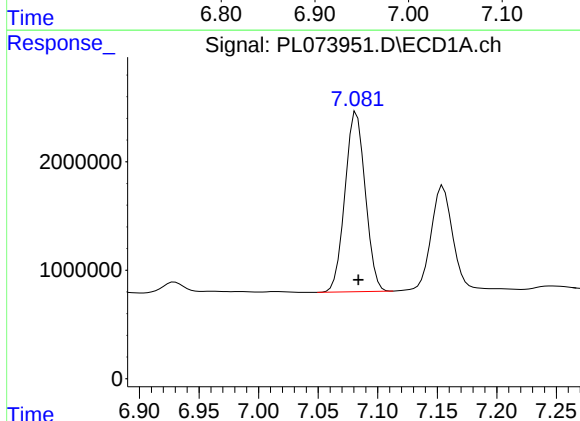
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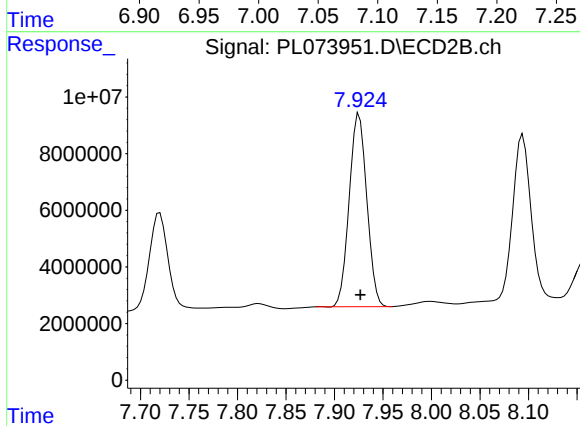
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 100643109
Conc: 41.21 ng/ml



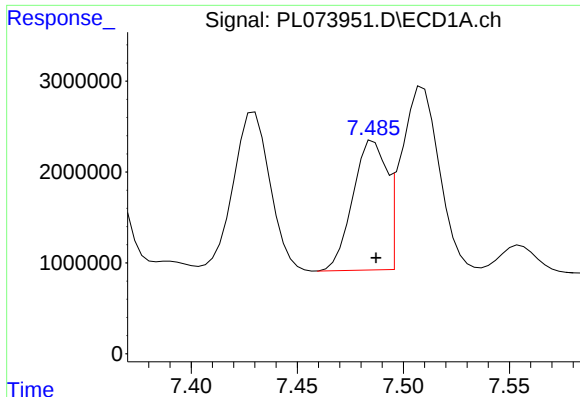
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.001 min
Response: 19657672
Conc: 45.83 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 86170678
Conc: 38.27 ng/ml



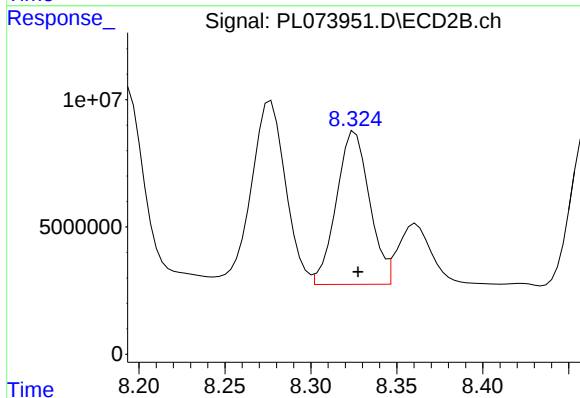
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.001 min
Response: 15660152
Conc: 38.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

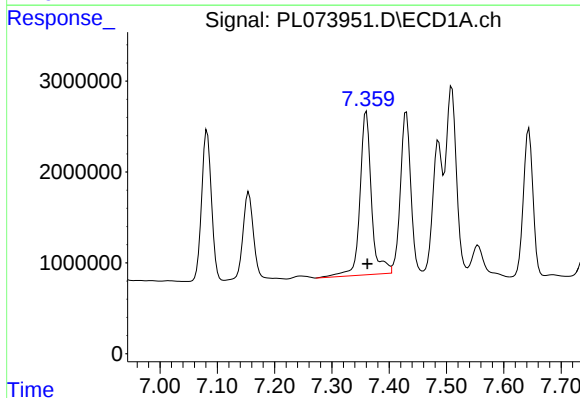
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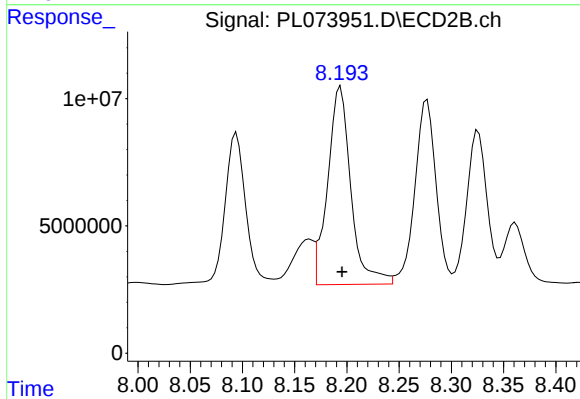
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 80618523
Conc: 40.95 ng/ml



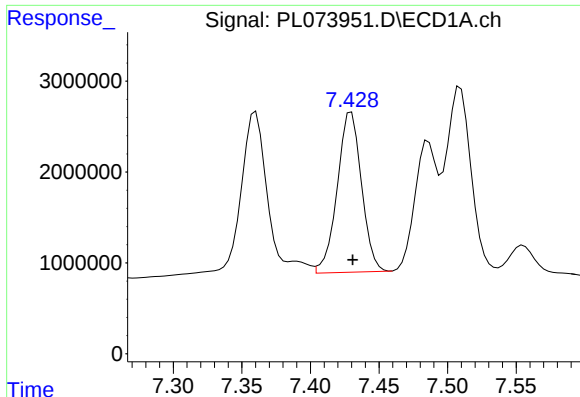
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 25015332
Conc: 57.04 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 120257384
Conc: 53.92 ng/ml



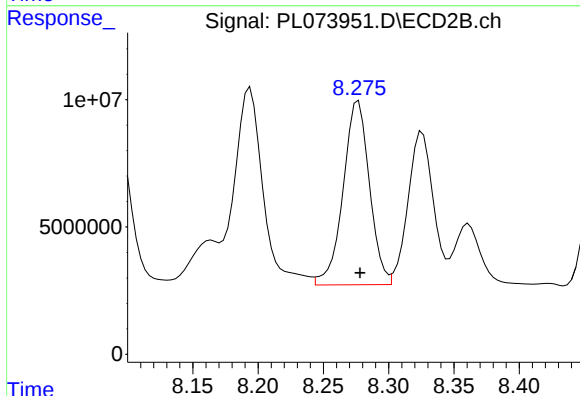
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 21699817
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

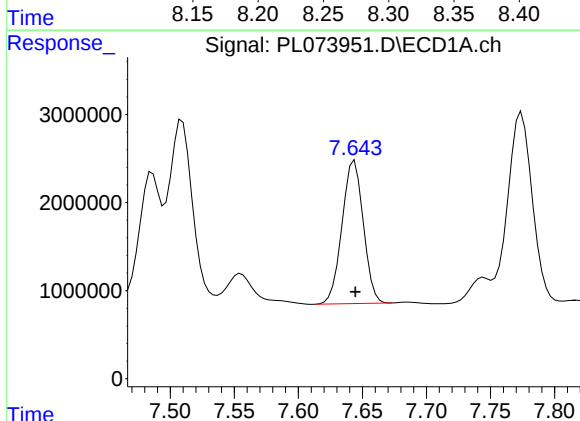
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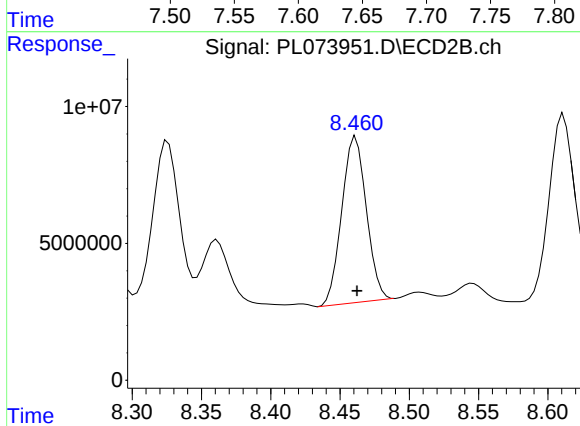
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 101640332
Conc: 47.22 ng/ml



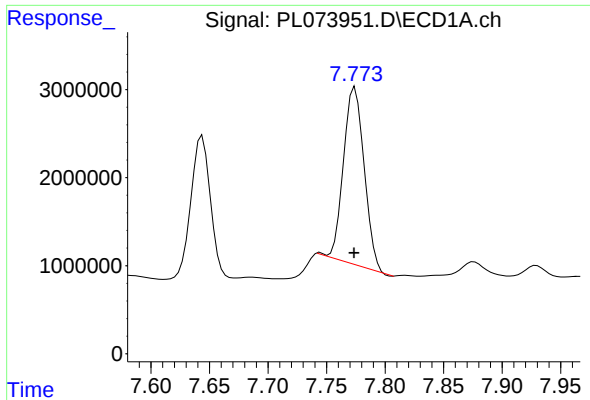
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 18768403
Conc: 51.45 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 75150035
Conc: 37.73 ng/ml m



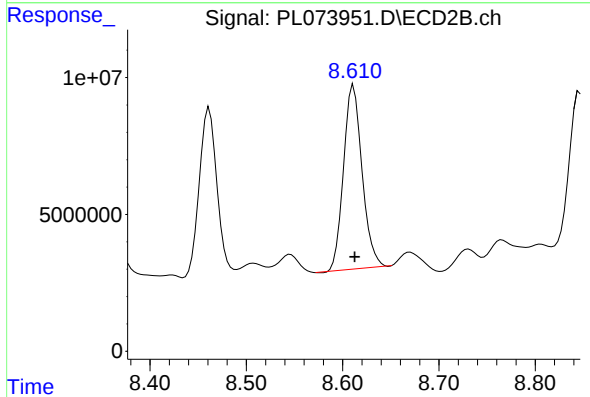
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 24852642
Conc: 57.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
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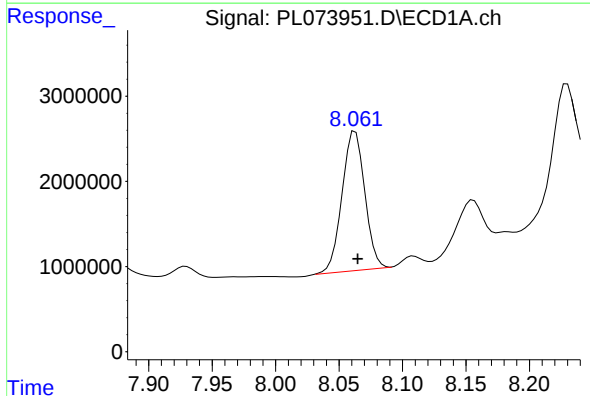
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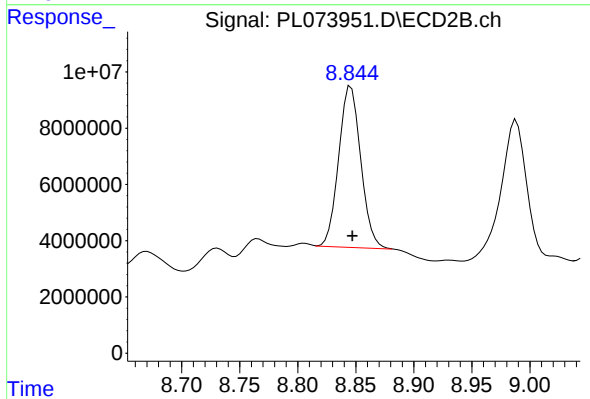
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.001 min
Response: 89599737
Conc: 44.68 ng/ml



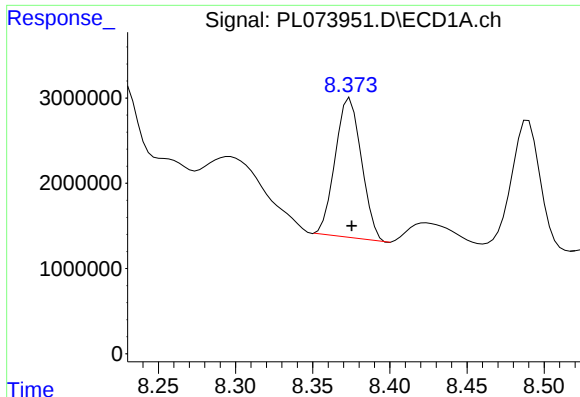
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 20388872
Conc: 50.19 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 76028534
Conc: 44.89 ng/ml m



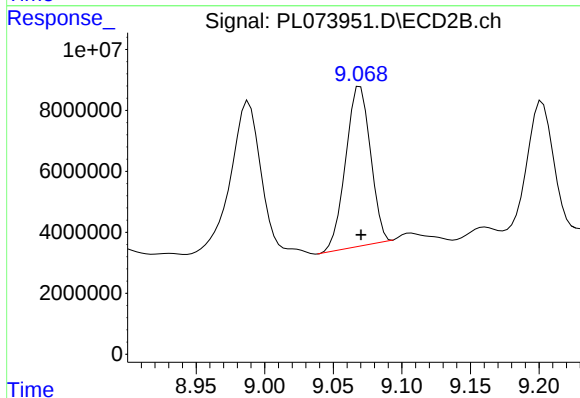
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: -0.001 min
Response: 19340289
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

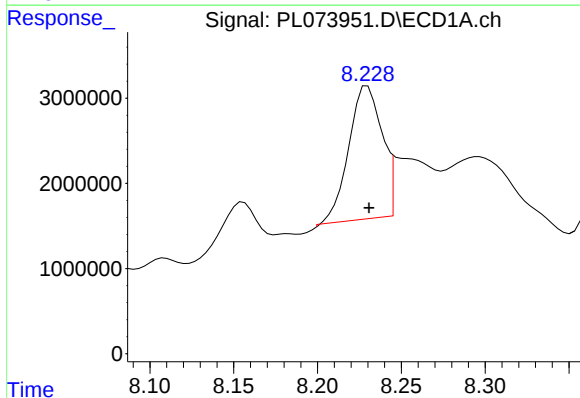
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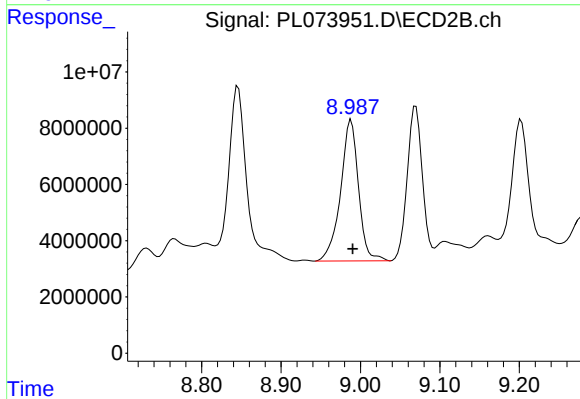
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 65887883
Conc: 37.93 ng/ml



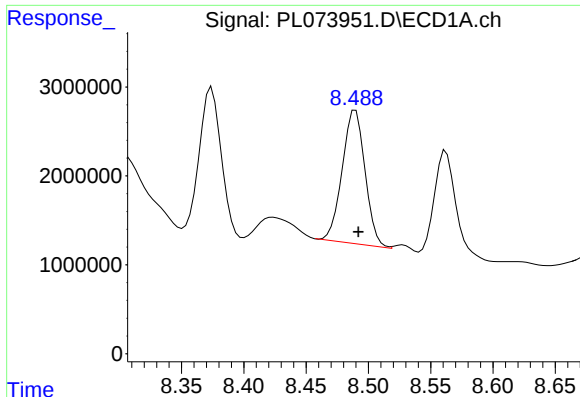
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 21997852
Conc: 68.12 ng/ml m



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 78845657
Conc: 51.25 ng/ml



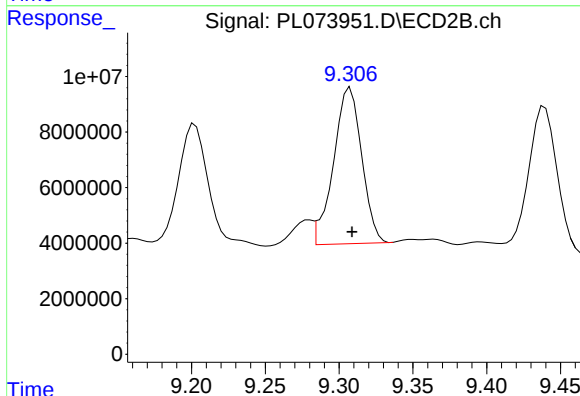
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 19227177
Conc: 52.02 ng/ml

Instrument :
ECD_L
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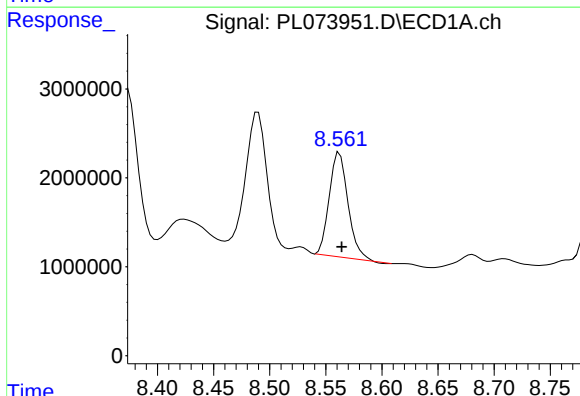
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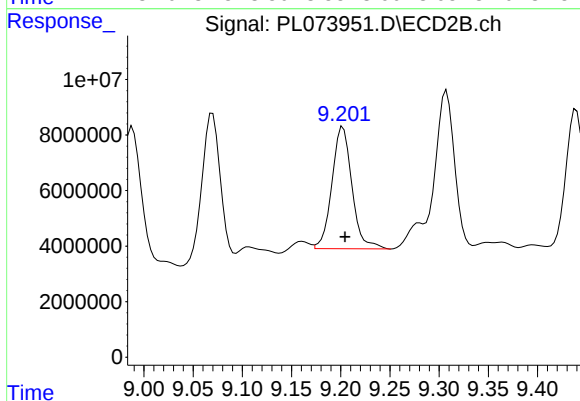
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 74714883
Conc: 42.15 ng/ml



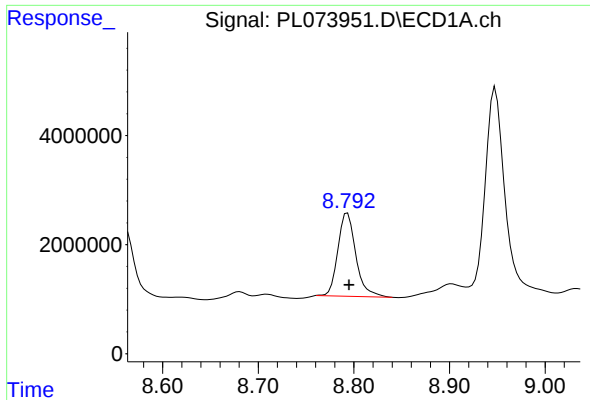
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.002 min
Response: 13707841
Conc: 42.37 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 62220540
Conc: 48.17 ng/ml



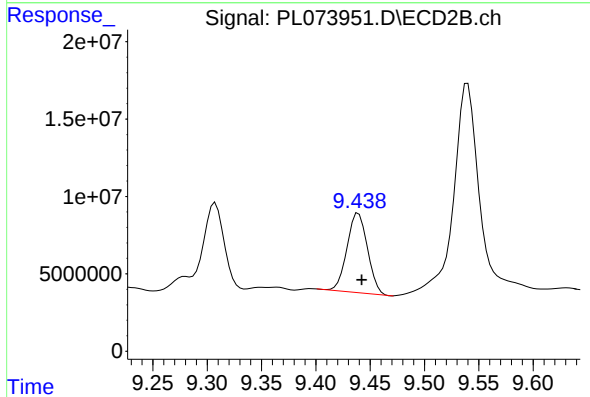
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 19919778
Conc: 46.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

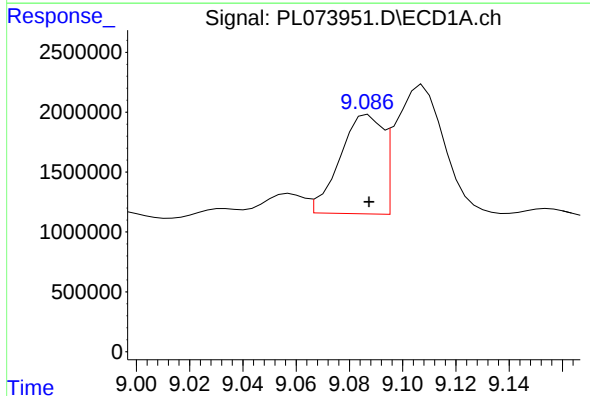
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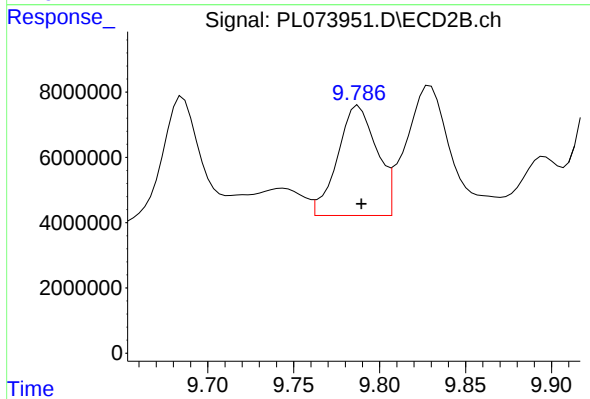
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 67580053
Conc: 40.61 ng/ml



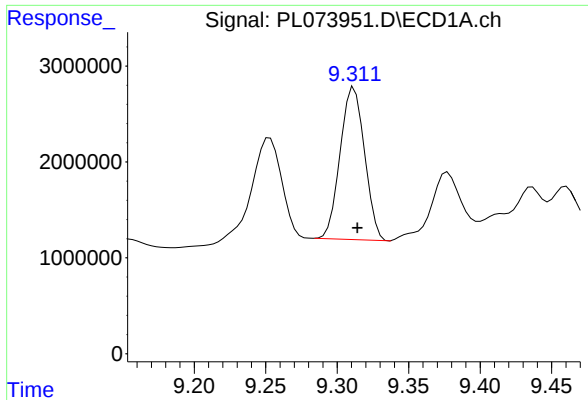
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 9173311
Conc: 36.95 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 56464591
Conc: 58.70 ng/ml m



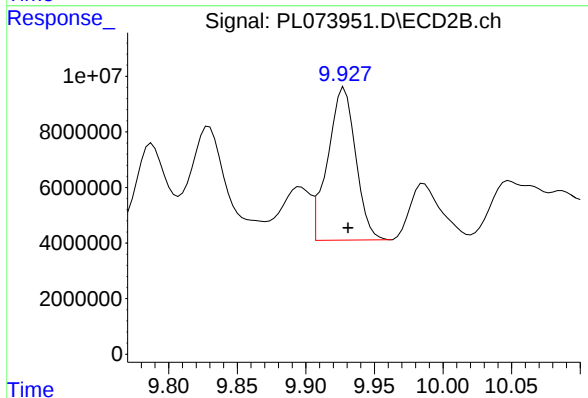
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 18906865
Conc: 38.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

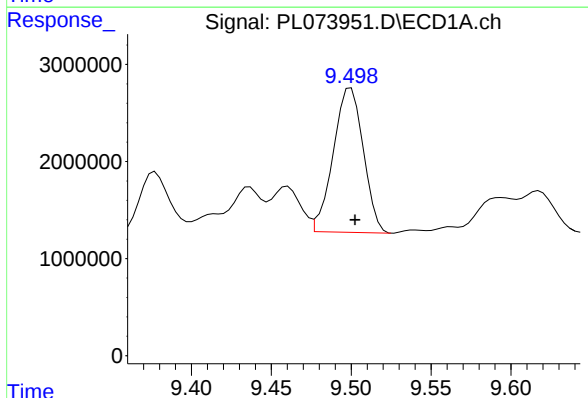
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/12/2022



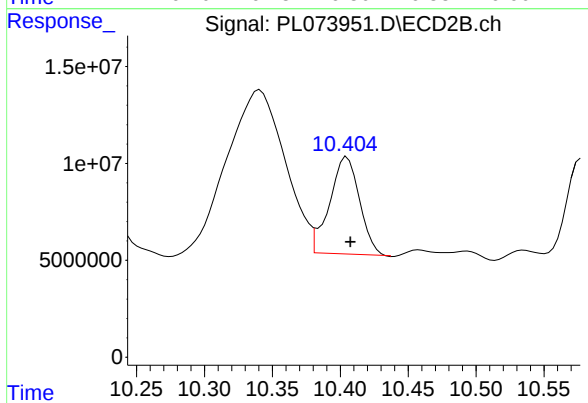
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 78008916
Conc: 45.07 ng/ml



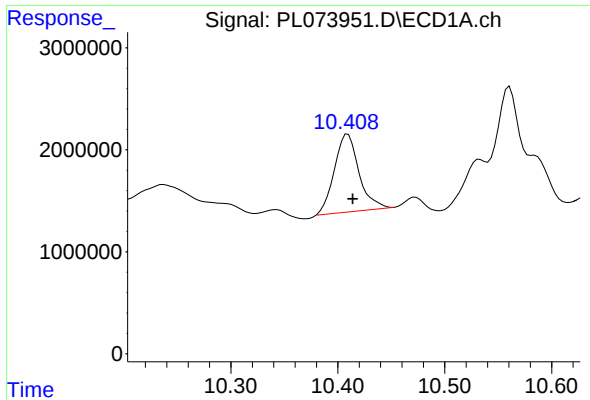
#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.004 min
Response: 19302699
Conc: 41.39 ng/ml m



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 75904126
Conc: 55.11 ng/ml m



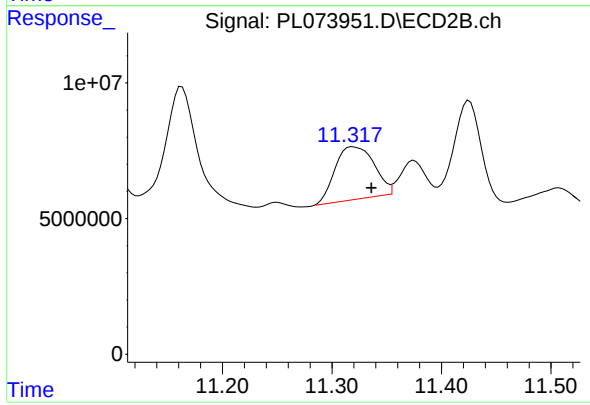
#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.004 min
Response: 12182105
Conc: 23.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

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#28 Decachlorobiphenyl

R.T.: 11.319 min
Delta R.T.: -0.017 min
Response: 48013168
Conc: 27.18 ng/ml