

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 15:17
 Operator : AR\AJ
 Sample : N2360-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 JC-03-041122-BMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/15/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 02:13:12 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...	4.638	5.491	4370769	23128971	13.527	12.972
28)	SA Decachlor...	10.411	11.334	6254139	22066932	12.026	12.493
Target Compounds							
2)	A alpha-BHC	5.346	6.054	17890245	105.1E6	42.630	41.737
3)	MA gamma-BHC...	5.770	6.443	17205246	92196275	41.024	38.949
4)	MA Heptachlor	6.181	7.102	19843068	109.5E6	44.051	41.961
5)	MB Aldrin	6.504	7.470	18714191	111.6E6	45.089m	47.532
6)	B beta-BHC	6.149	6.679	6623544	44549409	32.416	39.529
7)	B delta-BHC	6.412	6.948	15271513	85313722	36.917	34.932
8)	B Heptachlo...	7.083	7.927	16726849	91267657	38.996	40.535
9)	A Endosulfan I	7.486	8.328	16847178	74241246	41.079	37.712
10)	B gamma-Chl...	7.361	8.196	31863927	165.0E6	72.651	73.978
11)	B alpha-Chl...	7.430	8.279	34094796	178.3E6	77.177	82.821
12)	B 4,4'-DDE	7.644	8.462	16382710	73571853	44.907	36.939
13)	MA Dieldrin	7.772	8.612	17564811	58730280	40.889	29.288m#
14)	MA Endrin	8.063	8.846	17184992	56872942	42.303	33.580
15)	B Endosulfa...	8.376	9.069	19389485	57261510	47.044	32.961m#
16)	A 4,4'-DDD	8.230	8.989	11691074	52063333	36.204	33.838m
17)	MA 4,4'-DDT	8.491	9.309	16927264	70633466	45.794	39.846
18)	B Endrin al...	8.563	9.205	4901450	22524051	15.149	17.439
19)	B Endosulfa...	8.793	9.441	5105404	22549820	11.956m	13.549
20)	A Methoxychlor	9.086	9.788	7625905	29119384	30.716	30.274
21)	B Endrin ke...	9.311	9.930	7466415	25711010	15.283m	14.854
22)	Mirex	9.499	10.405	17743039	52573990	38.042m	38.169m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
Data File : PL074060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2022 15:17
Operator : AR\AJ
Sample : N2360-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

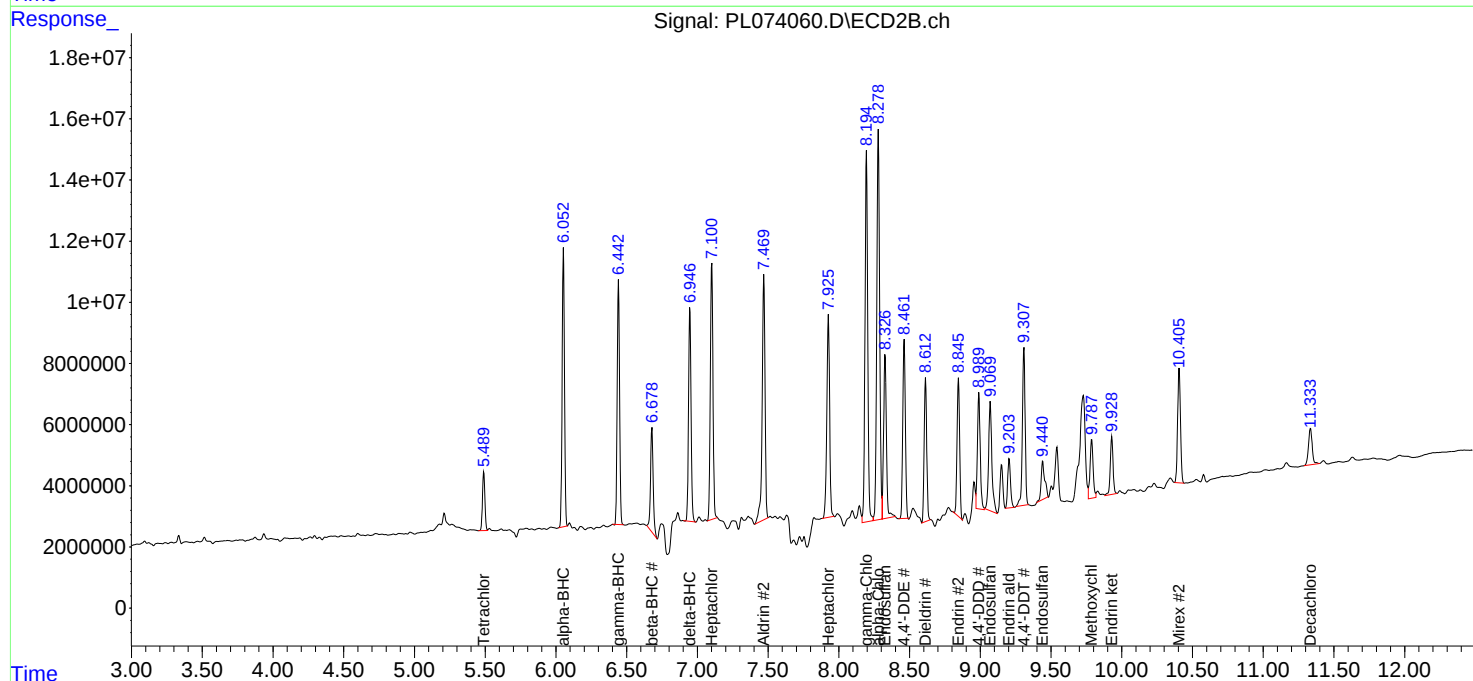
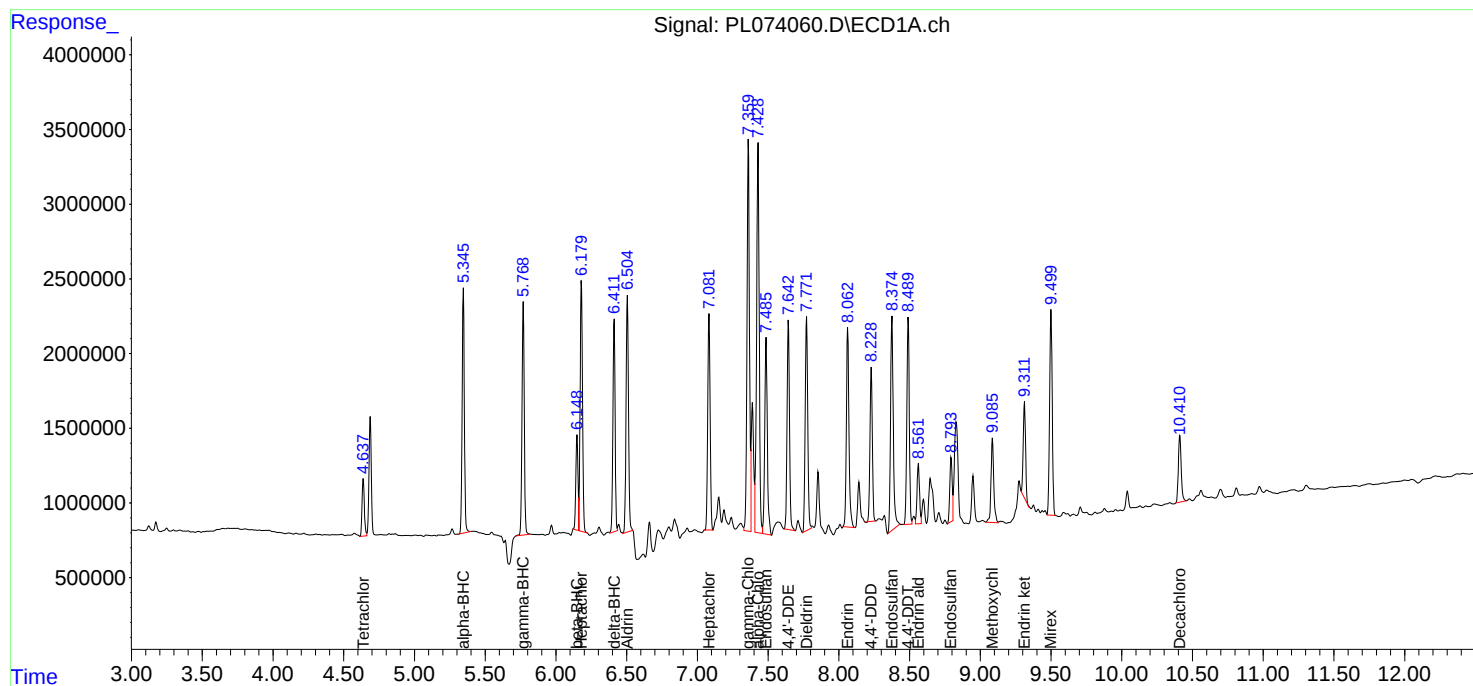
Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

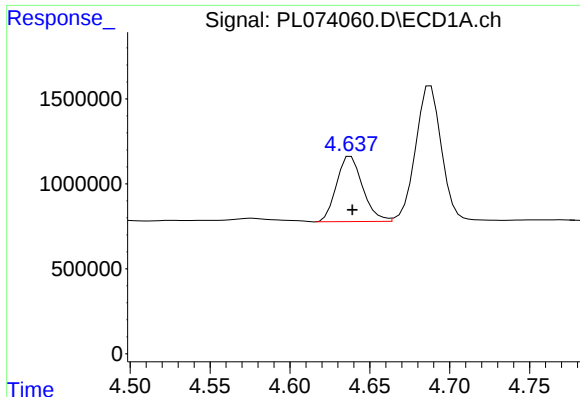
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 02:13:12 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





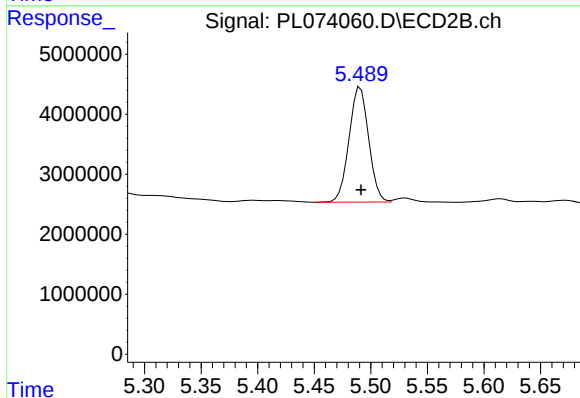
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 4370769
Conc: 13.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

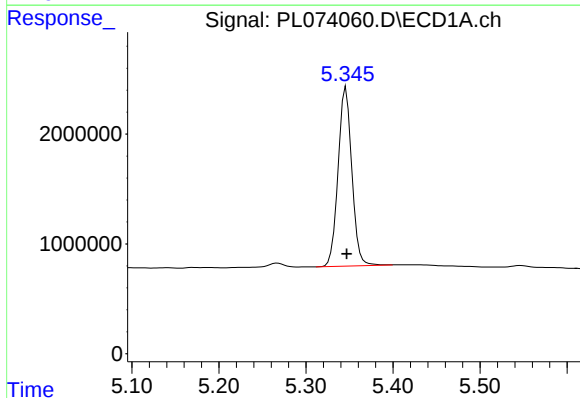
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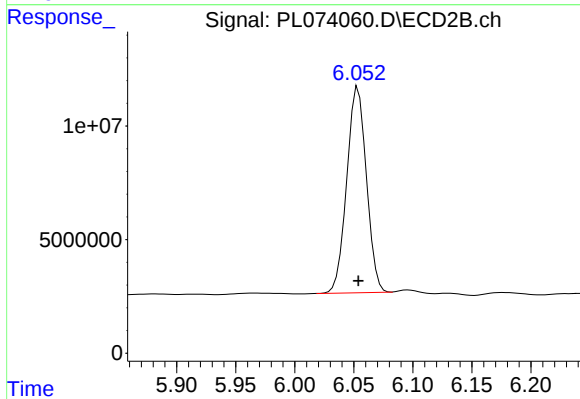
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 23128971
Conc: 12.97 ng/ml



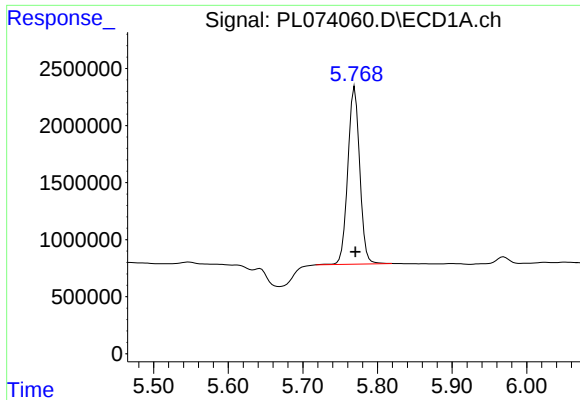
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 17890245
Conc: 42.63 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 105098053
Conc: 41.74 ng/ml



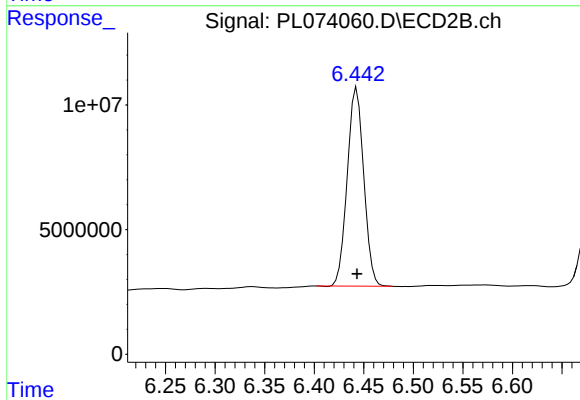
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 17205246
Conc: 41.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

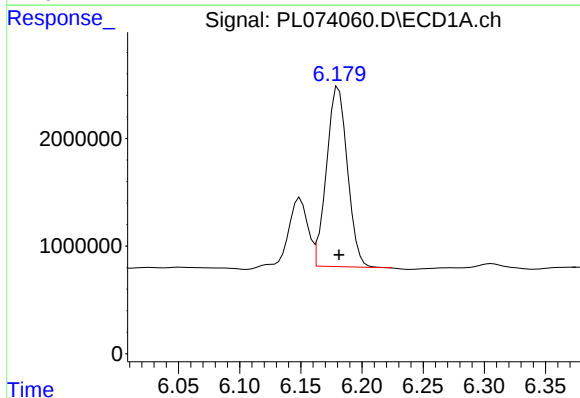
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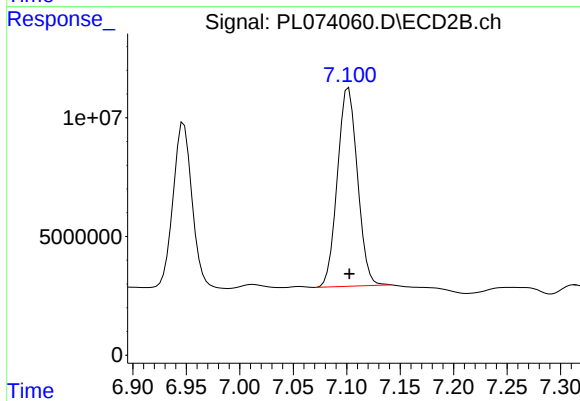
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 92196275
Conc: 38.95 ng/ml



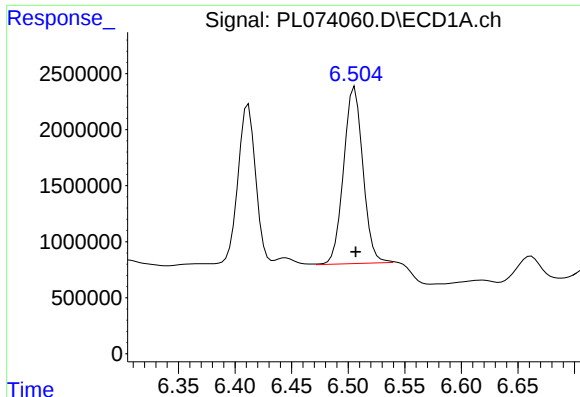
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 19843068
Conc: 44.05 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 109451701
Conc: 41.96 ng/ml



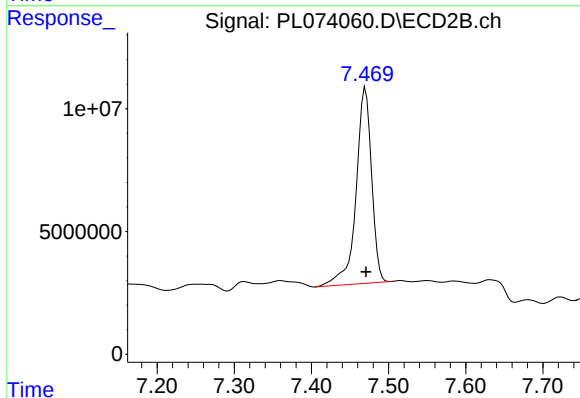
#5 Aldrin

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 18714191
Conc: 45.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

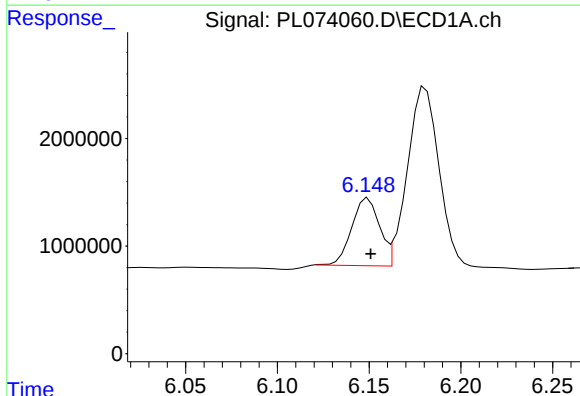
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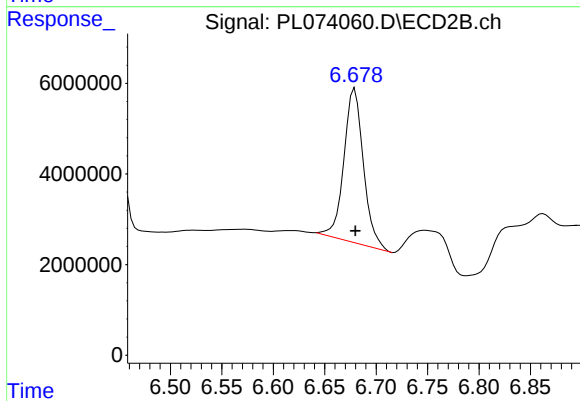
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 111633572
Conc: 47.53 ng/ml



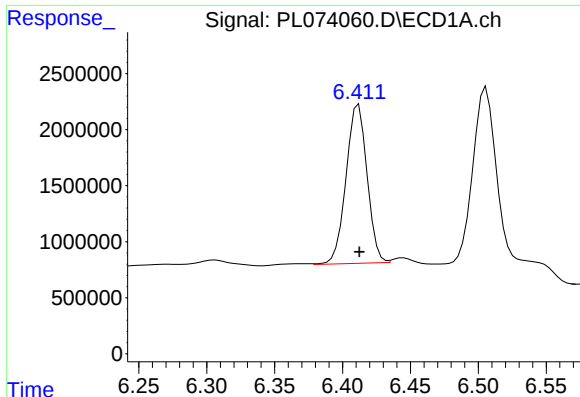
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.001 min
Response: 6623544
Conc: 32.42 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 44549409
Conc: 39.53 ng/ml



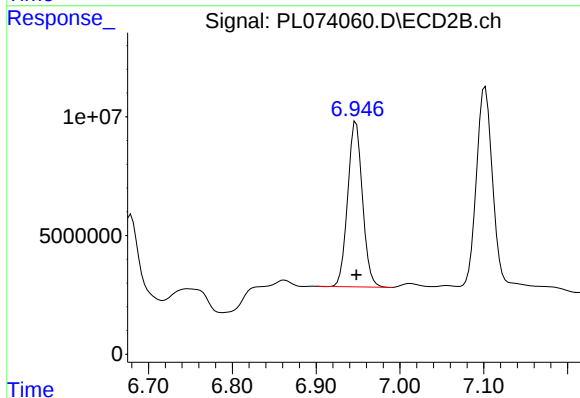
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 15271513
Conc: 36.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

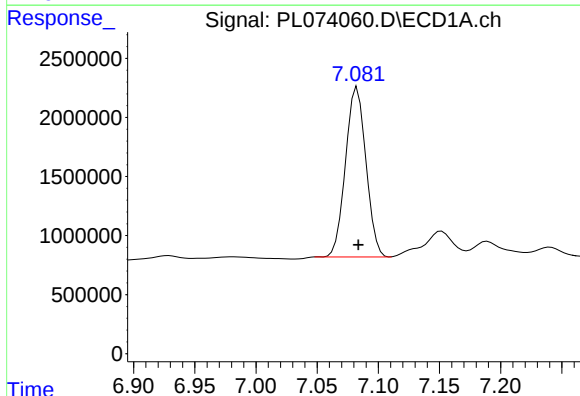
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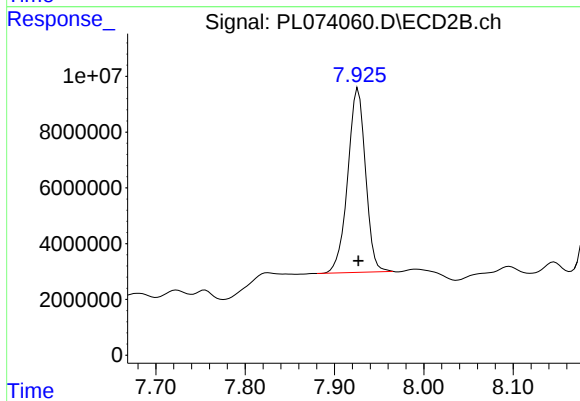
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 85313722
Conc: 34.93 ng/ml



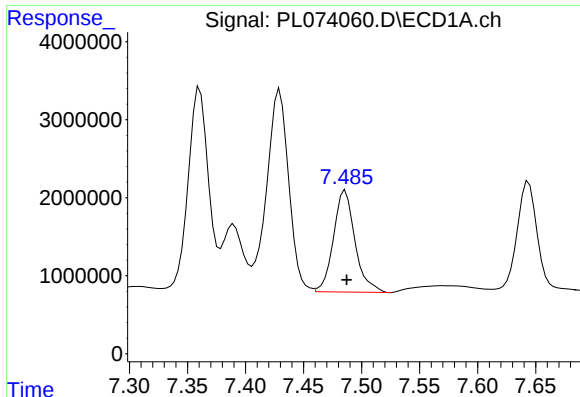
#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 16726849
Conc: 39.00 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 91267657
Conc: 40.54 ng/ml



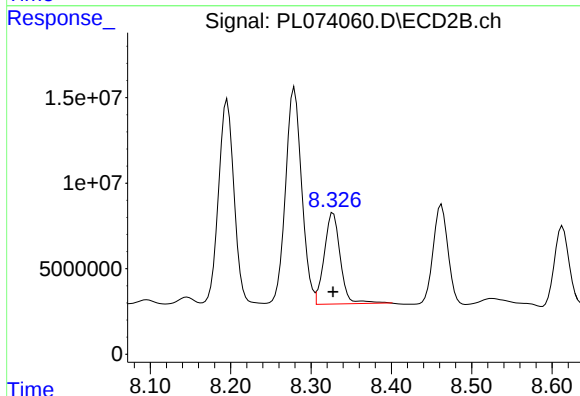
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.001 min
Response: 16847178
Conc: 41.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

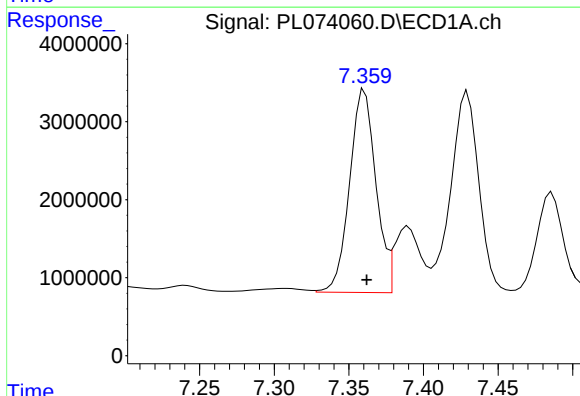
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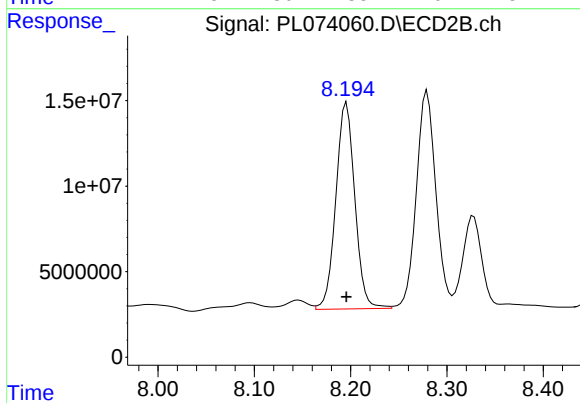
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 74241246
Conc: 37.71 ng/ml



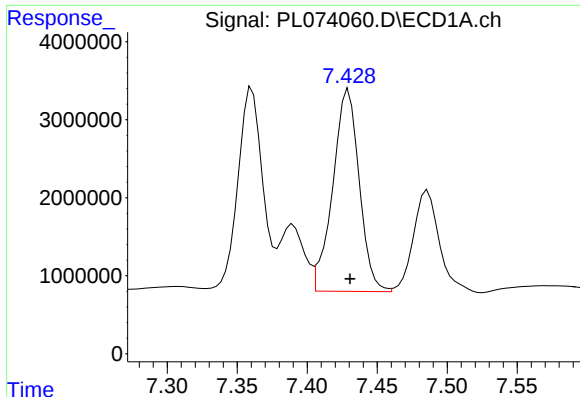
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 31863927
Conc: 72.65 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 164997431
Conc: 73.98 ng/ml



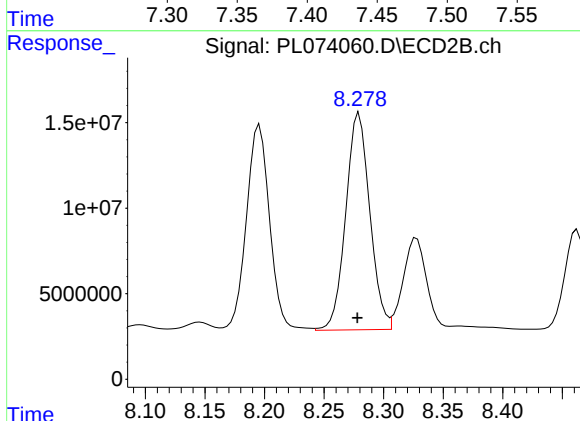
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: -0.001 min
Response: 34094796
Conc: 77.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

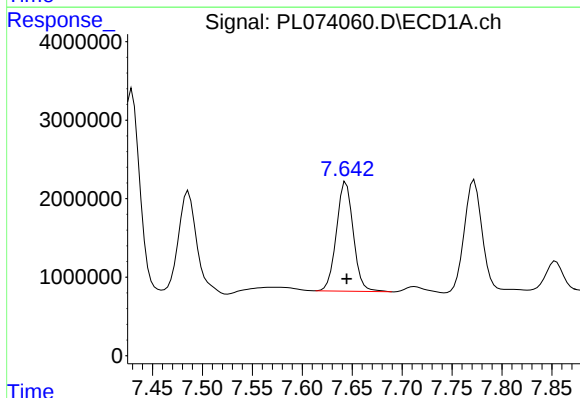
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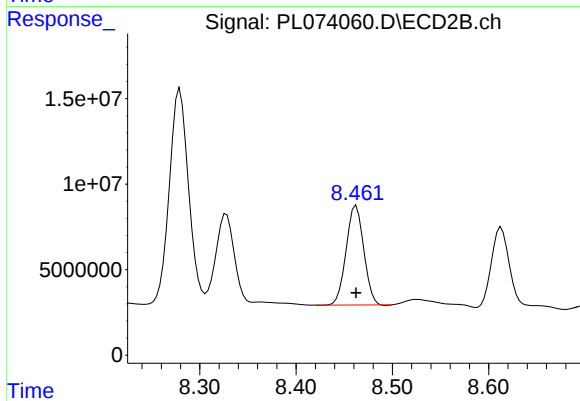
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.001 min
Response: 178278283
Conc: 82.82 ng/ml



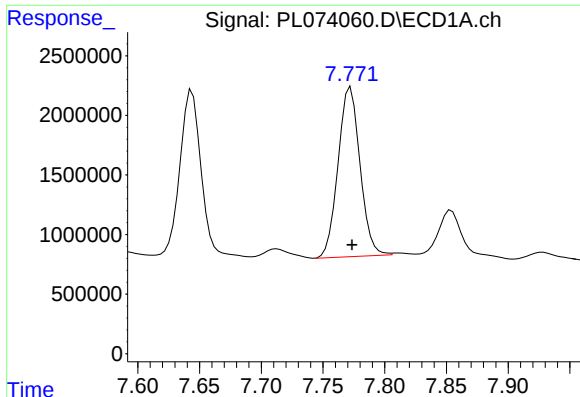
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 16382710
Conc: 44.91 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 73571853
Conc: 36.94 ng/ml



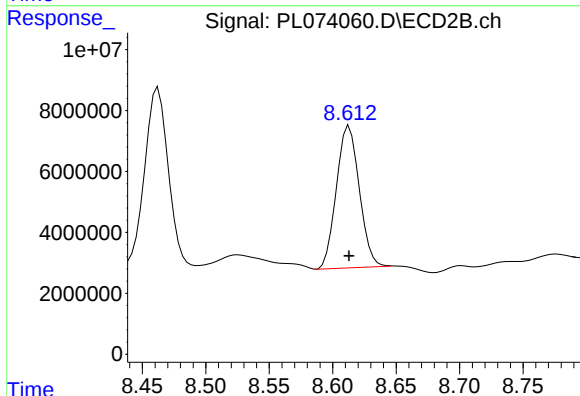
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 17564811
Conc: 40.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

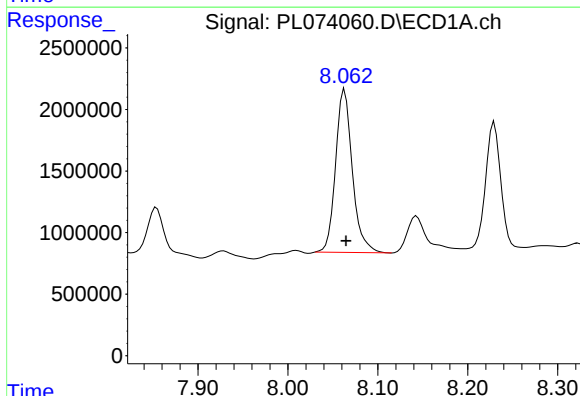
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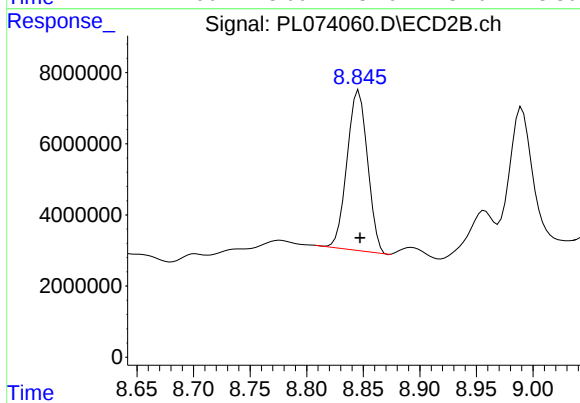
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: -0.001 min
Response: 58730280
Conc: 29.29 ng/ml m



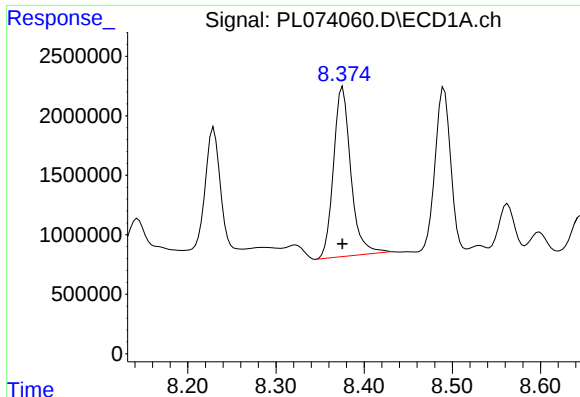
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 17184992
Conc: 42.30 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 56872942
Conc: 33.58 ng/ml



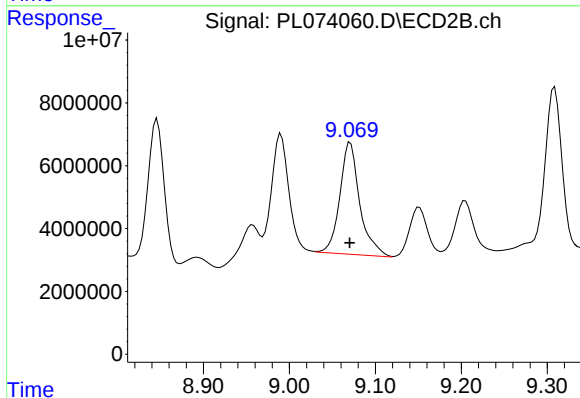
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 19389485
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

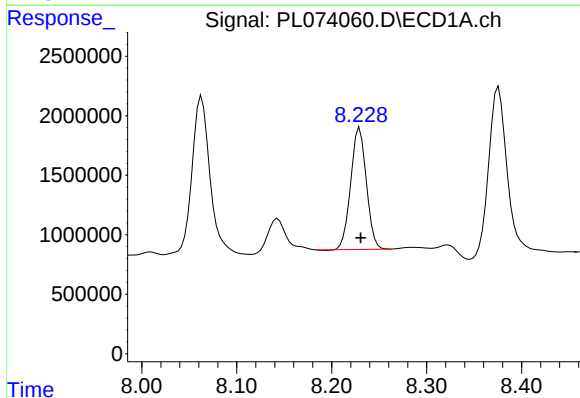
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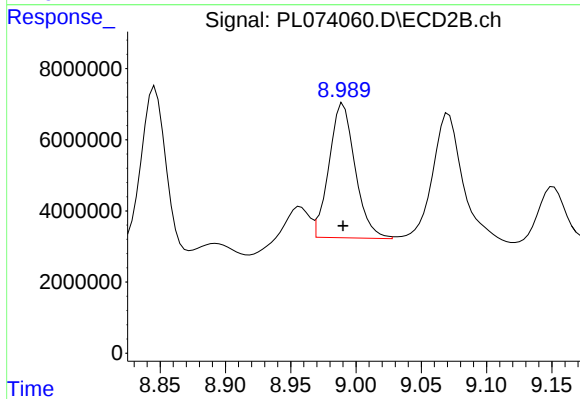
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 57261510
Conc: 32.96 ng/ml m



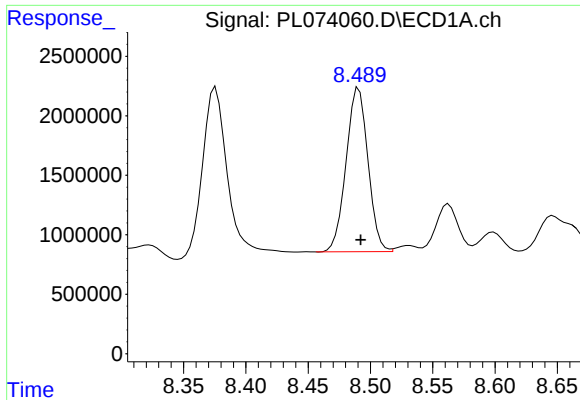
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: -0.001 min
Response: 11691074
Conc: 36.20 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 52063333
Conc: 33.84 ng/ml m



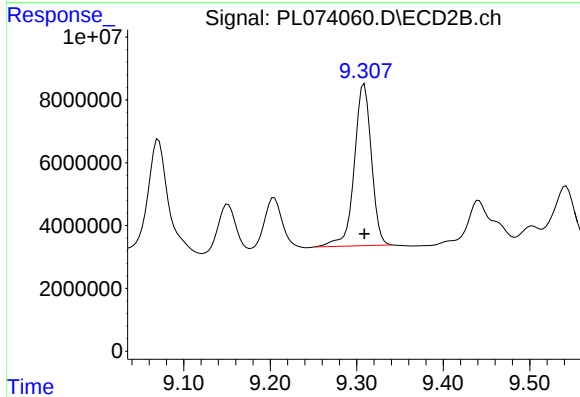
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.001 min
Response: 16927264
Conc: 45.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

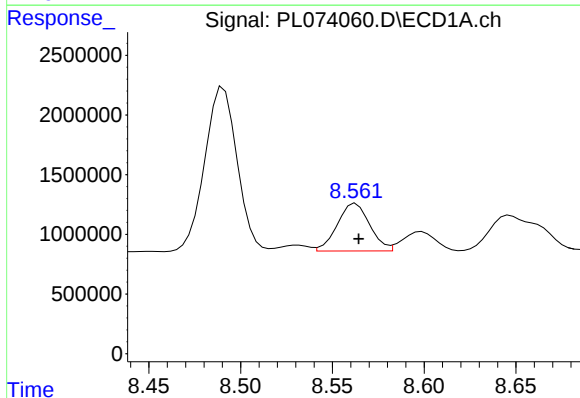
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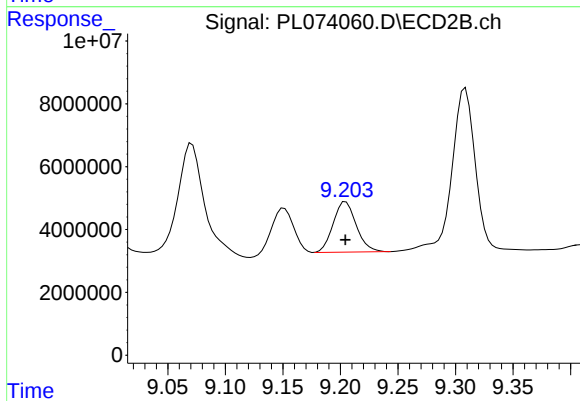
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 70633466
Conc: 39.85 ng/ml



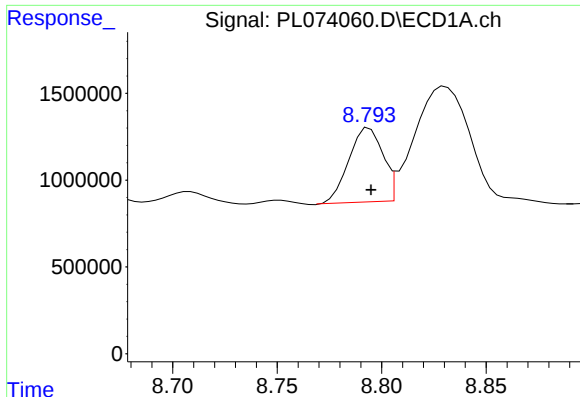
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.002 min
Response: 4901450
Conc: 15.15 ng/ml



#18 Endrin aldehyde

R.T.: 9.205 min
Delta R.T.: 0.000 min
Response: 22524051
Conc: 17.44 ng/ml



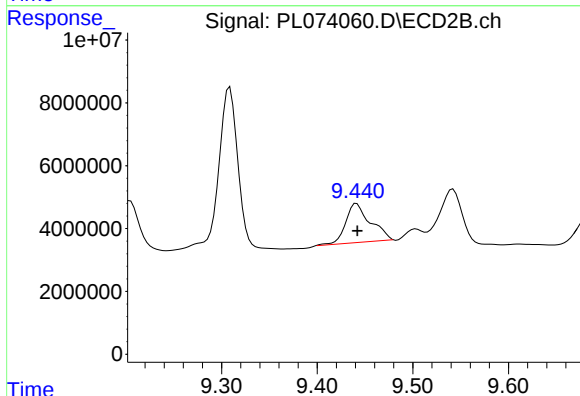
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 5105404
Conc: 11.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

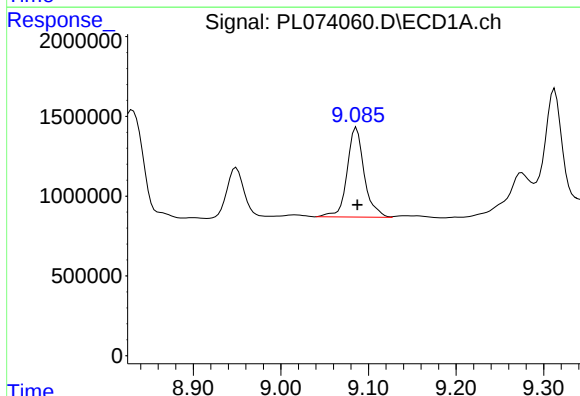
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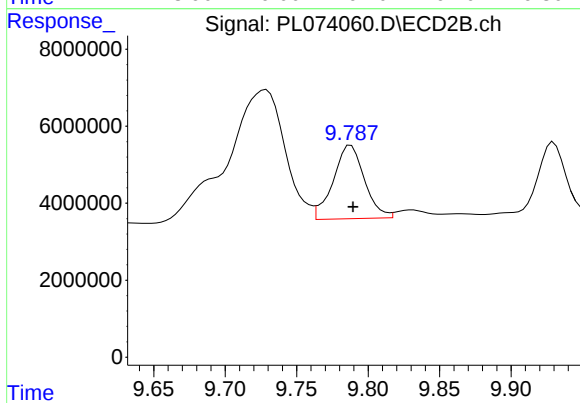
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.000 min
Response: 22549820
Conc: 13.55 ng/ml



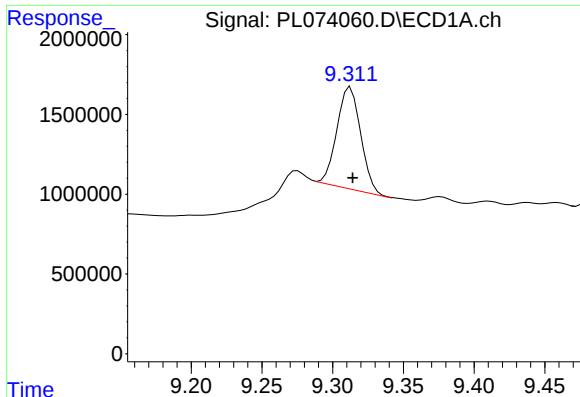
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.001 min
Response: 7625905
Conc: 30.72 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 29119384
Conc: 30.27 ng/ml



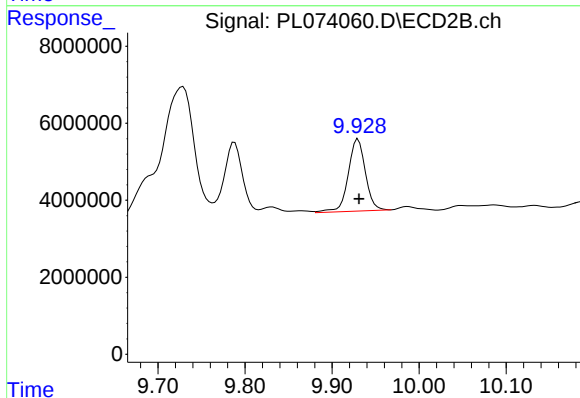
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 7466415
Conc: 15.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
JC-03-041122-BMSD

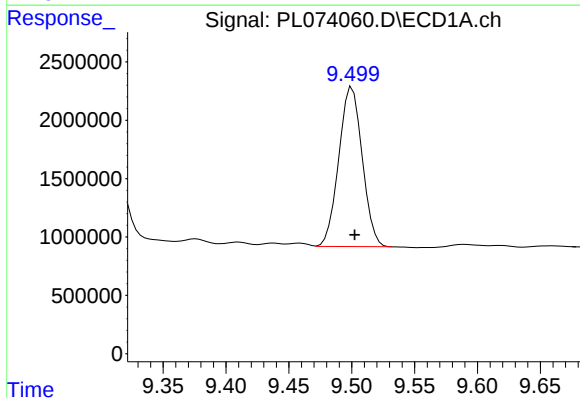
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



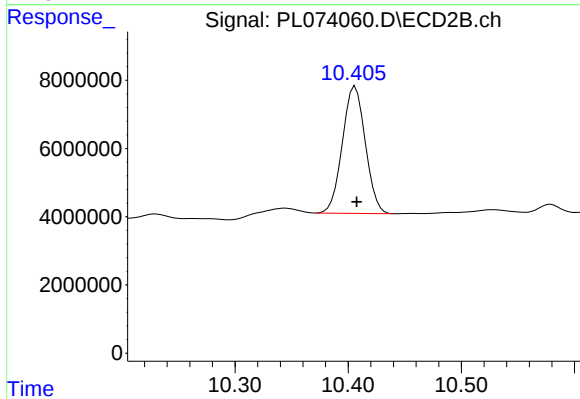
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 25711010
Conc: 14.85 ng/ml



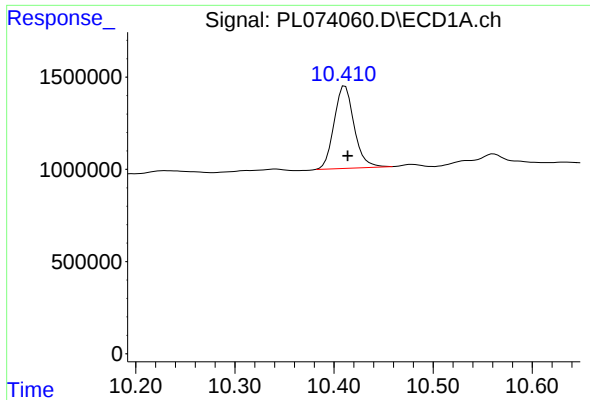
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.004 min
Response: 17743039
Conc: 38.04 ng/ml m



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 52573990
Conc: 38.17 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 6254139
Conc: 12.03 ng/ml

Instrument :

ECD_L

ClientSampleId :

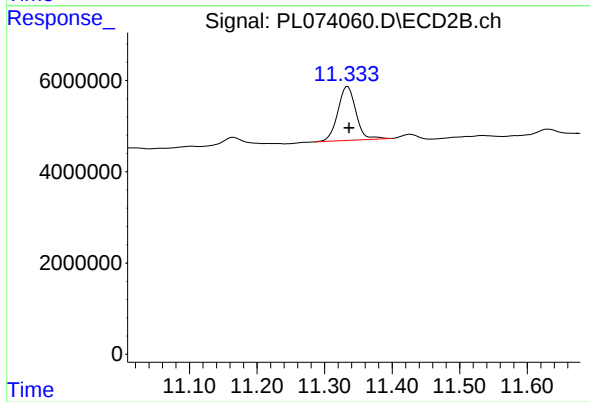
JC-03-041122-BMSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/15/2022

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#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 22066932
Conc: 12.49 ng/ml