

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
 Data File : PL073768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 17:32
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/01/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 01:51:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.640	5.492	14910364	87010091	46.553	53.015
28)	SA Decachlor...	10.417	11.336	22604775	78047975	44.454	43.647
Target Compounds							
2)	A alpha-BHC	5.349	6.055	19350022	124.5E6	46.943	55.339
3)	MA gamma-BHC...	5.773	6.444	19657814	115.6E6	47.126	54.134
4)	MA Heptachlor	6.184	7.104	20556915	124.0E6	45.561	52.937
5)	MB Aldrin	6.510	7.472	18692578	111.7E6	45.242	53.306
6)	B beta-BHC	6.153	6.681	9619650	52718244	46.721	50.575
7)	B delta-BHC	6.415	6.949	19120210	114.7E6	47.604	53.271
8)	B Heptachlo...	7.087	7.928	19237039	104.0E6	44.636	52.050
9)	A Endosulfan I	7.491	8.328	18367523	93400481	44.775	51.167
10)	B gamma-Chl...	7.364	8.195	19522218	103.6E6	44.642	50.745m
11)	B alpha-Chl...	7.434	8.279	19743098	102.2E6	44.674	51.105
12)	B 4,4'-DDE	7.648	8.463	16262770	93526246	45.321	52.180
13)	MA Dieldrin	7.777	8.613	18633000	93966383	44.724	50.938
14)	MA Endrin	8.067	8.847	18182568	79383856	46.862	51.567m
15)	B Endosulfa...	8.378	9.072	17430024	74962485	44.592	48.809
16)	A 4,4'-DDD	8.234	8.991	14637192	74001657	45.074	50.696
17)	MA 4,4'-DDT	8.495	9.309	17178705	81157973	45.424	49.652
18)	B Endrin al...	8.567	9.203	14117303	59659581	44.640	48.650m
19)	B Endosulfa...	8.798	9.442	18660024	75120999	44.174	47.664
20)	A Methoxychlor	9.091	9.789	11378466	41800426	44.355	46.390
21)	B Endrin ke...	9.317	9.931	22167698	77967718	45.312	47.236
22)	Mirex	9.505	10.408	20645252	61789234	43.781	45.485

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
 Data File : PL073768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 17:32
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

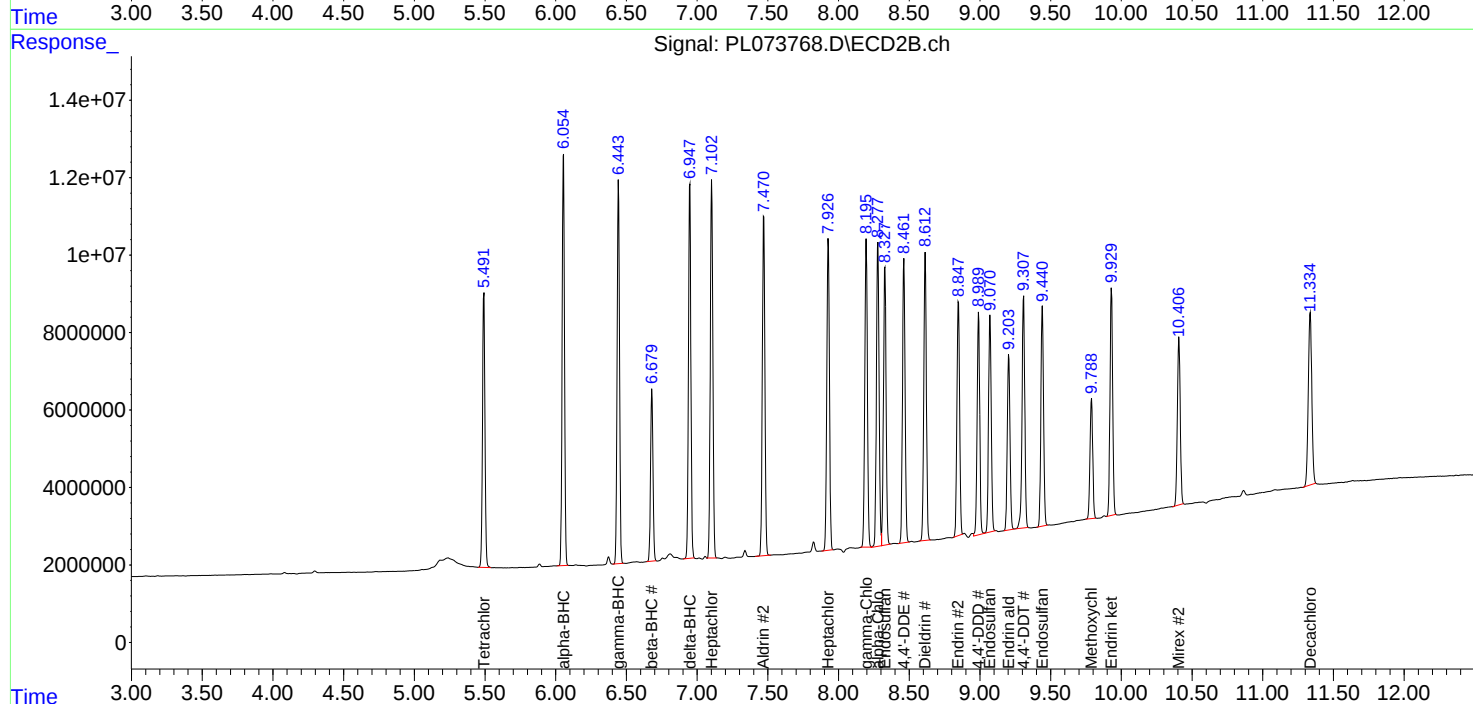
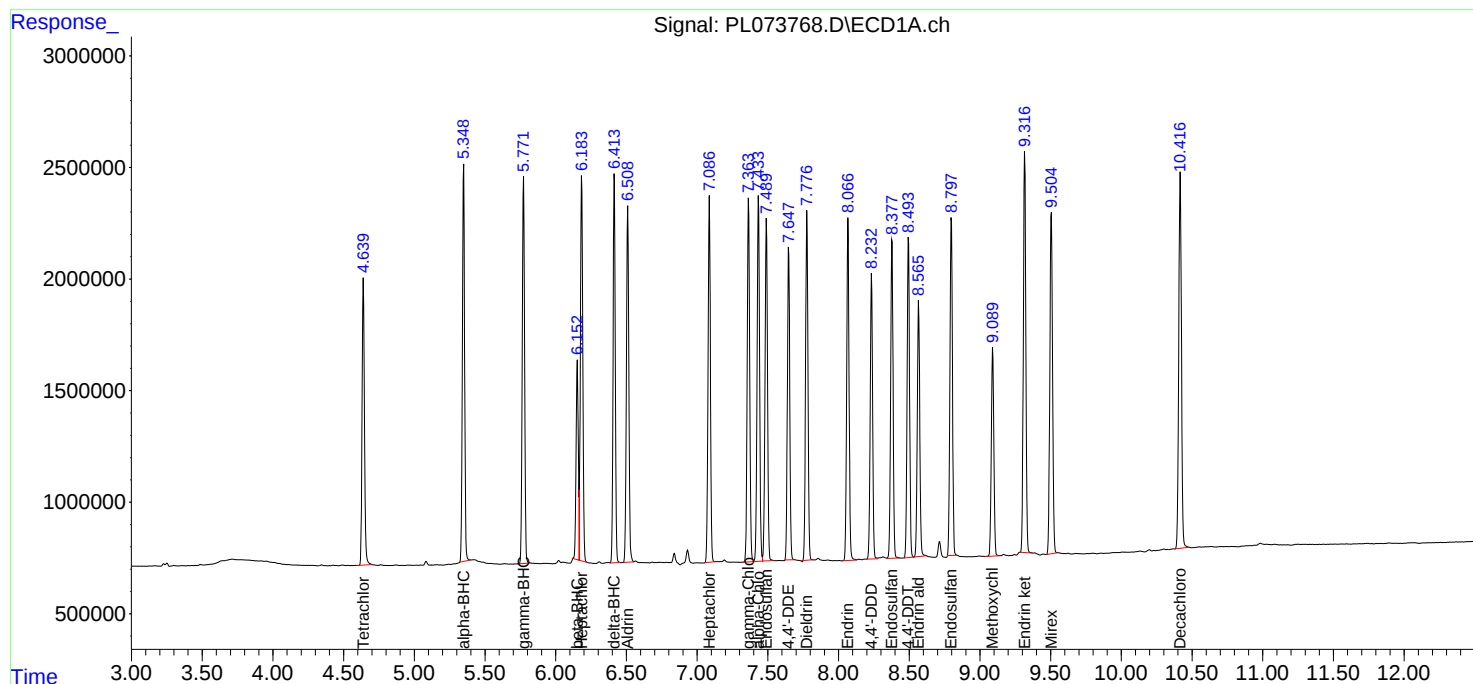
APPROVED

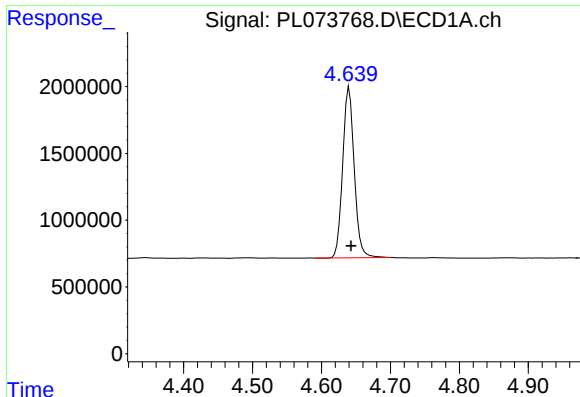
Reviewed By :Abdul Mirza 04/01/2022

Supervised By :mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 01:51:40 2022
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 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





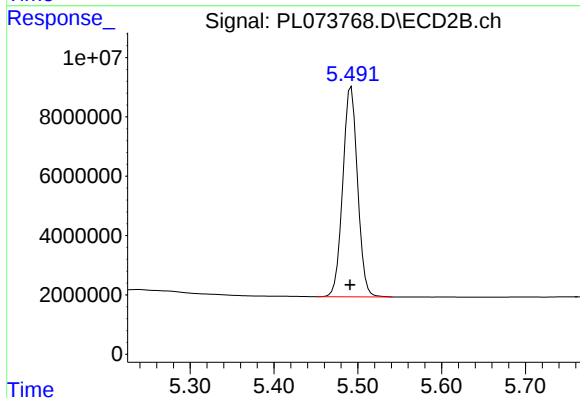
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 14910364
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

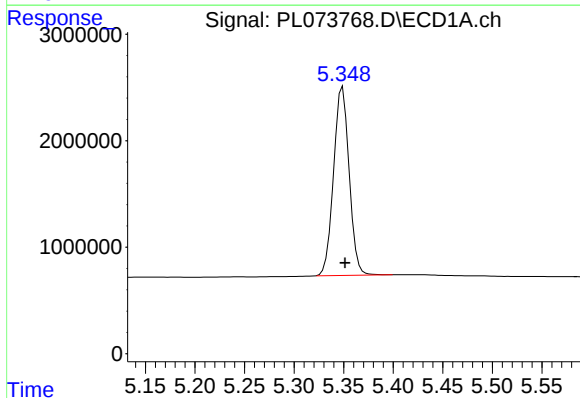
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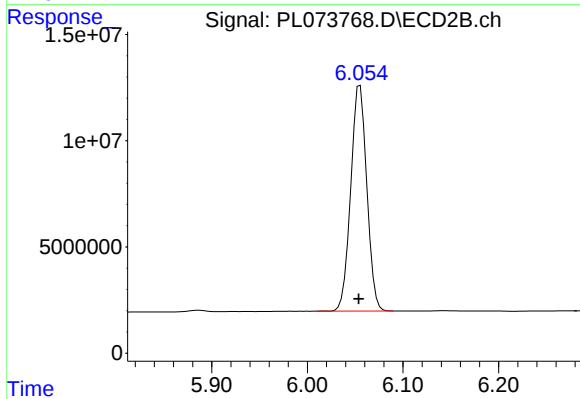
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 87010091
Conc: 53.01 ng/ml



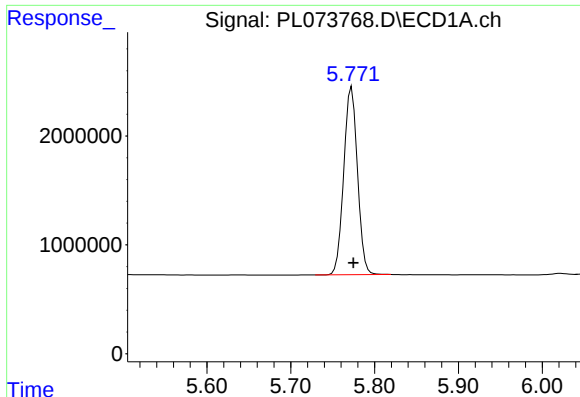
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 19350022
Conc: 46.94 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 124492951
Conc: 55.34 ng/ml



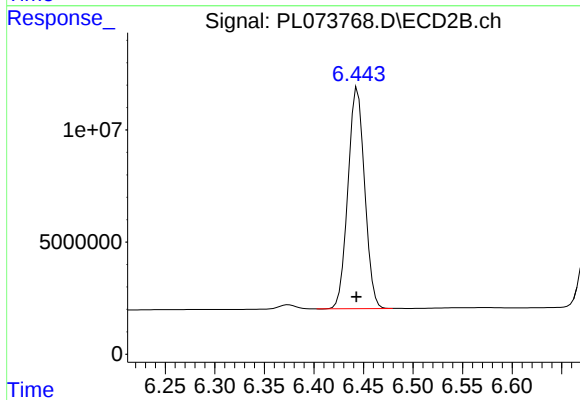
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 19657814
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

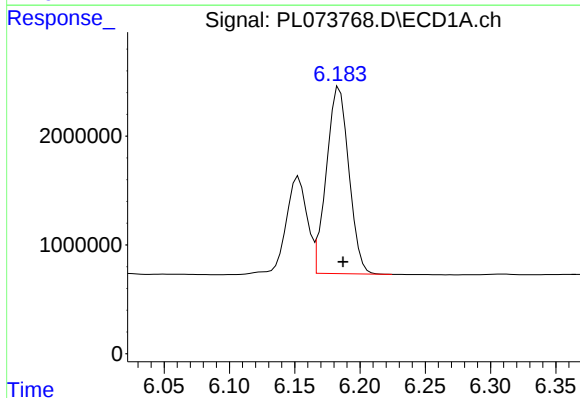
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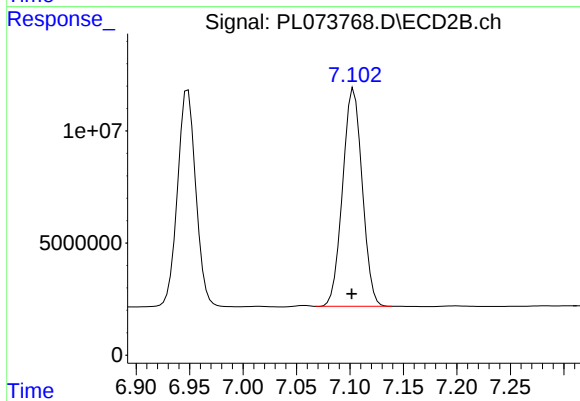
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 115581455
Conc: 54.13 ng/ml



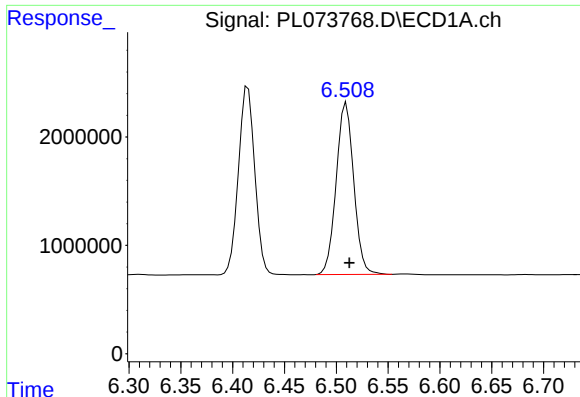
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 20556915
Conc: 45.56 ng/ml



#4 Heptachlor

R.T.: 7.104 min
Delta R.T.: 0.002 min
Response: 124035819
Conc: 52.94 ng/ml



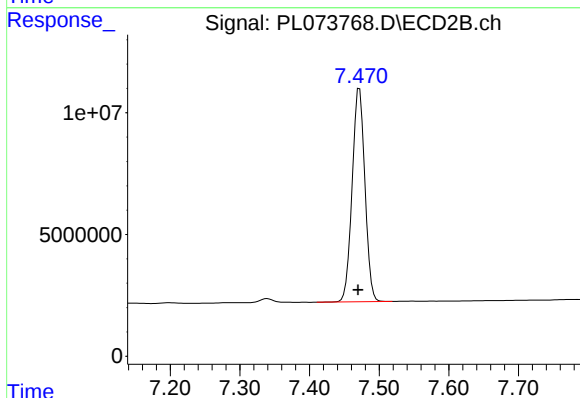
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 18692578
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

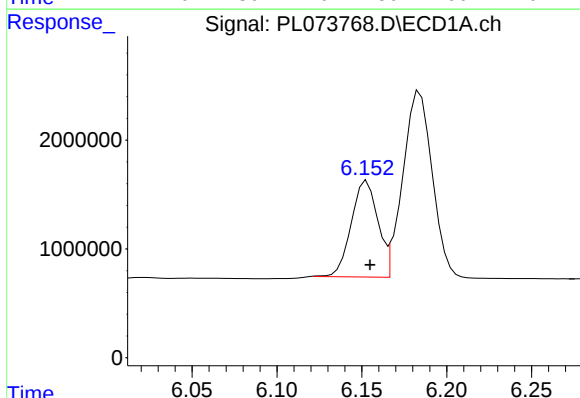
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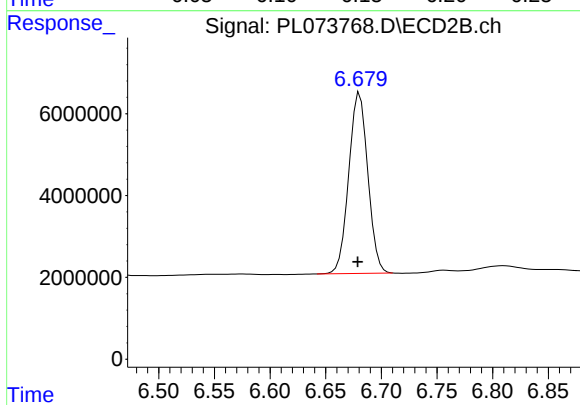
#5 Aldrin

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 111674236
Conc: 53.31 ng/ml



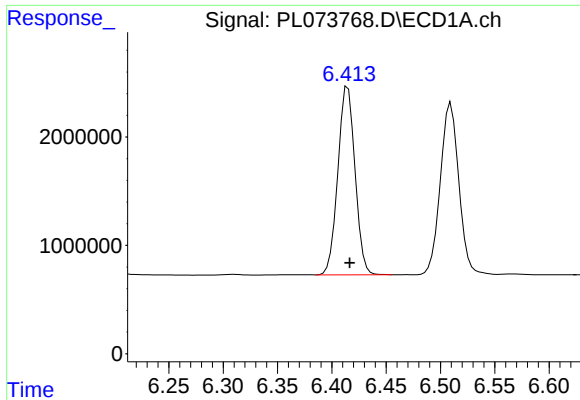
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 9619650
Conc: 46.72 ng/ml



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.002 min
Response: 52718244
Conc: 50.58 ng/ml



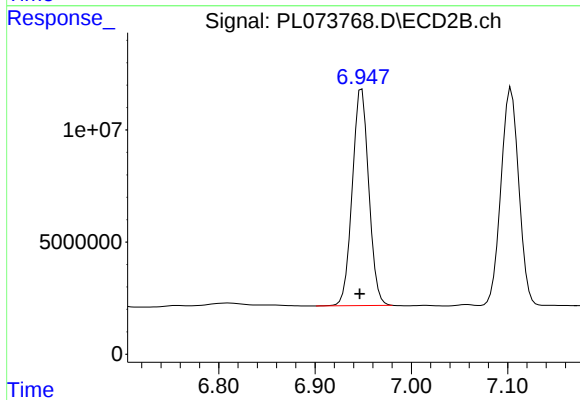
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 19120210
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

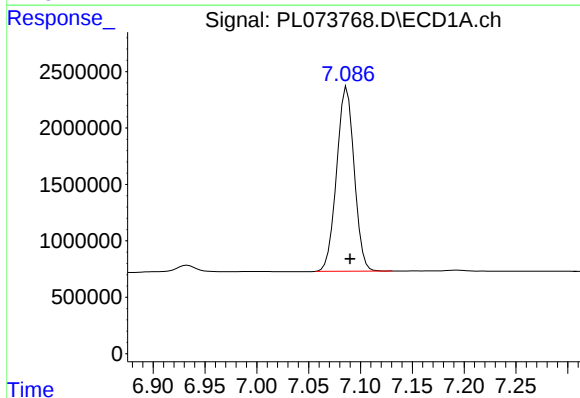
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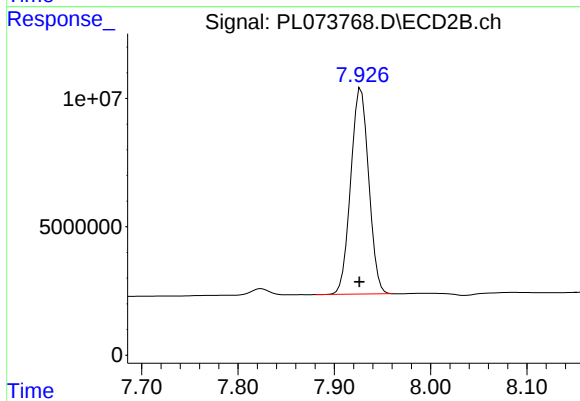
#7 delta-BHC

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 114722624
Conc: 53.27 ng/ml



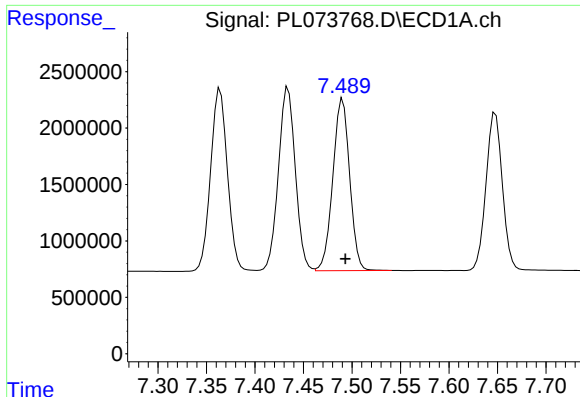
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 19237039
Conc: 44.64 ng/ml



#8 Heptachlor epoxide

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 103961041
Conc: 52.05 ng/ml



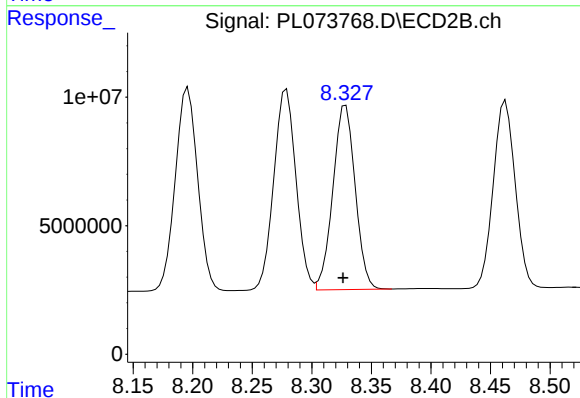
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 18367523
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

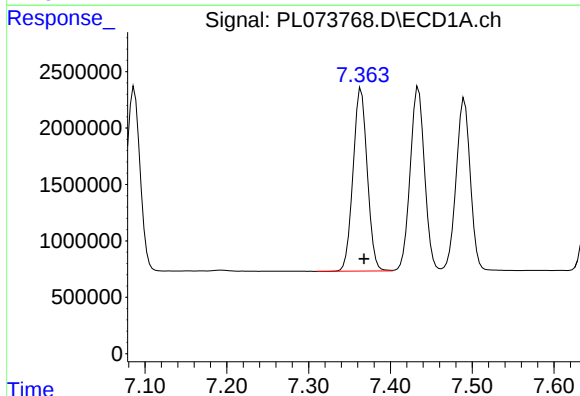
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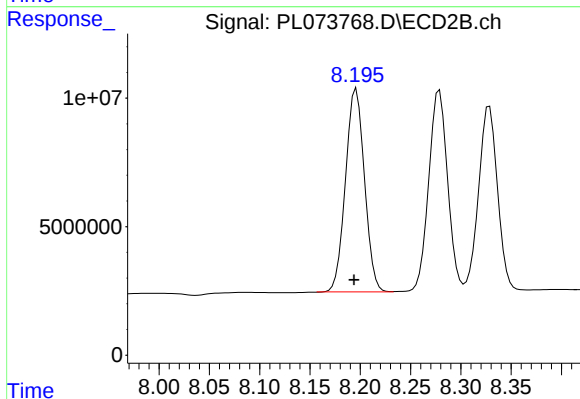
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 93400481
Conc: 51.17 ng/ml



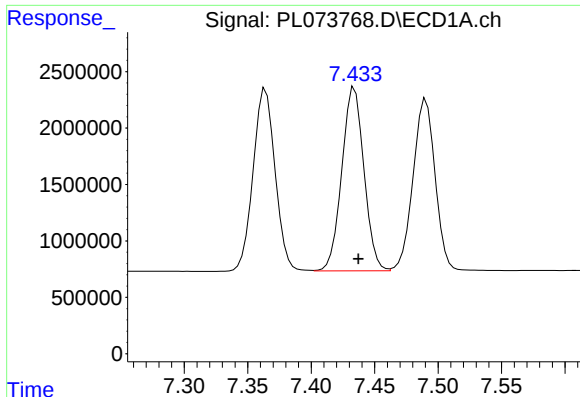
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 19522218
Conc: 44.64 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 103641330
Conc: 50.74 ng/ml m



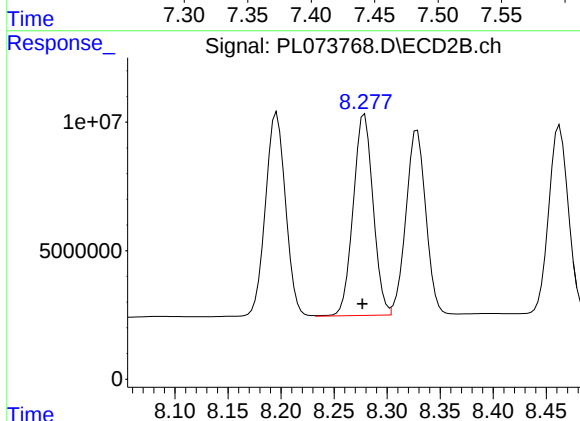
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 19743098
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

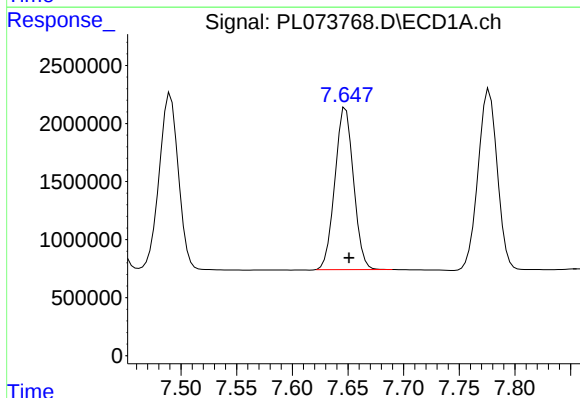
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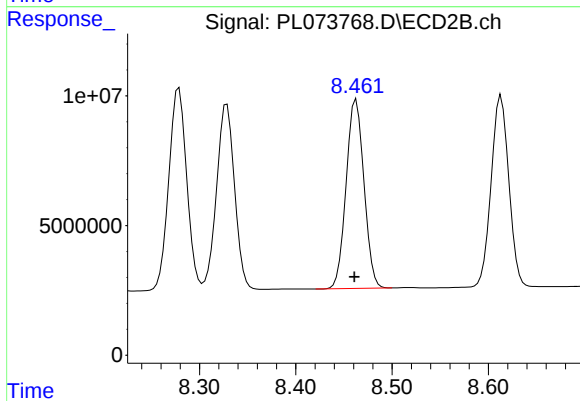
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 102210408
Conc: 51.11 ng/ml



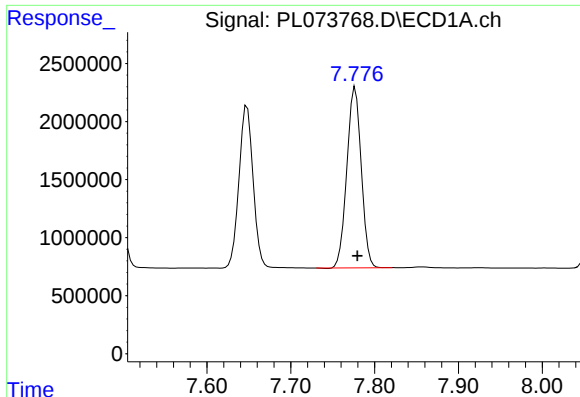
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 16262770
Conc: 45.32 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 93526246
Conc: 52.18 ng/ml



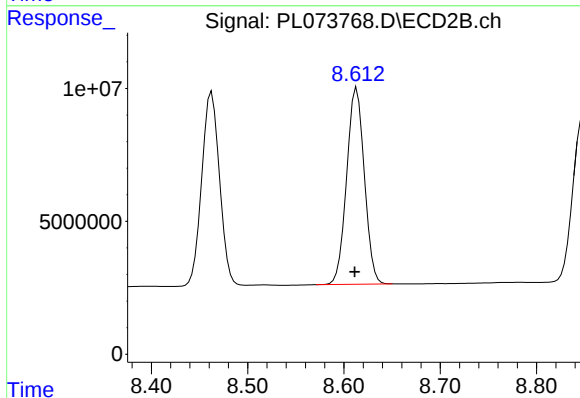
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 18633000
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

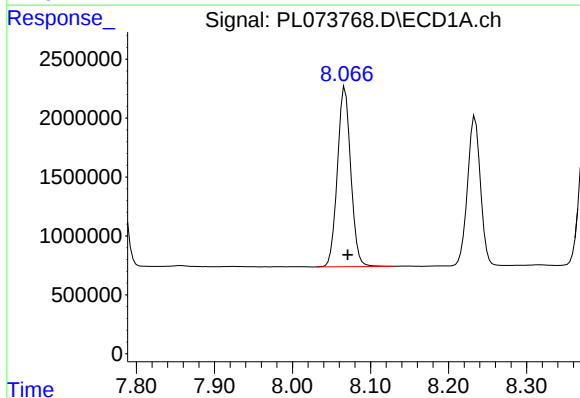
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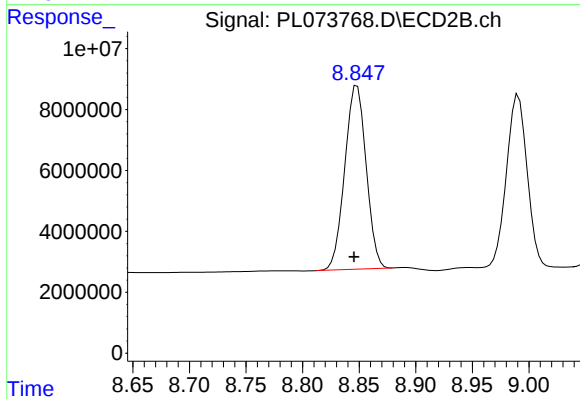
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 93966383
Conc: 50.94 ng/ml



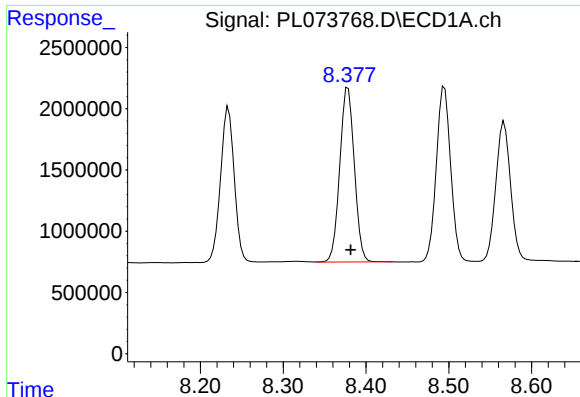
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 18182568
Conc: 46.86 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 79383856
Conc: 51.57 ng/ml m



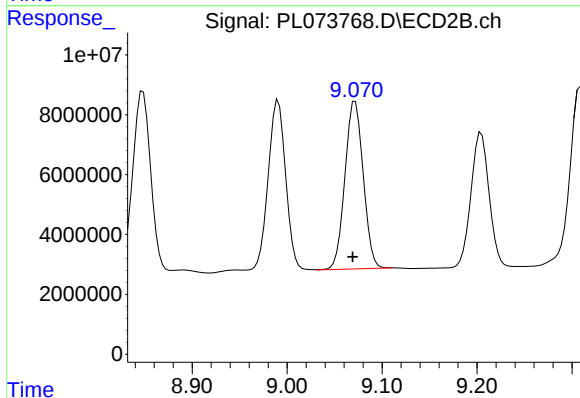
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 17430024
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

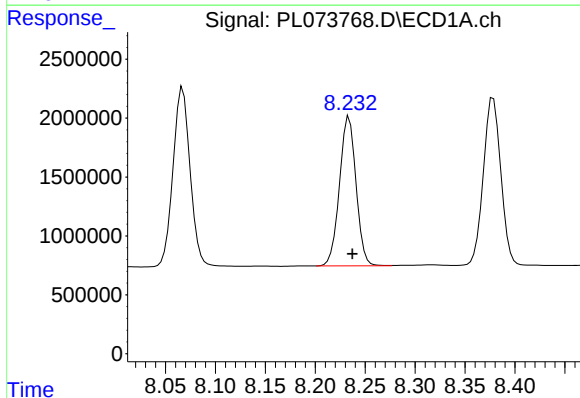
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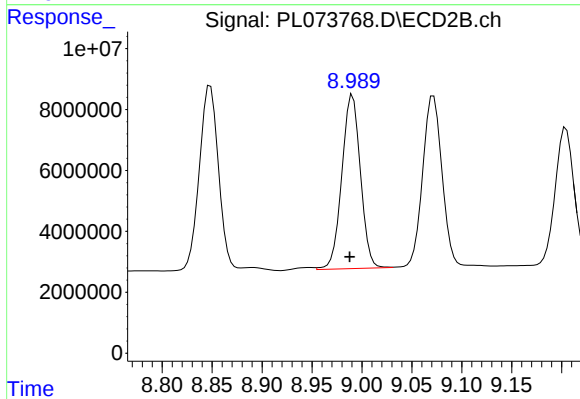
#15 Endosulfan II

R.T.: 9.072 min
Delta R.T.: 0.003 min
Response: 74962485
Conc: 48.81 ng/ml



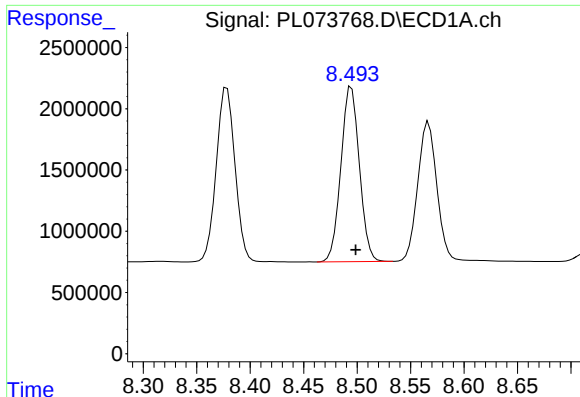
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 14637192
Conc: 45.07 ng/ml



#16 4,4'-DDD

R.T.: 8.991 min
Delta R.T.: 0.003 min
Response: 74001657
Conc: 50.70 ng/ml



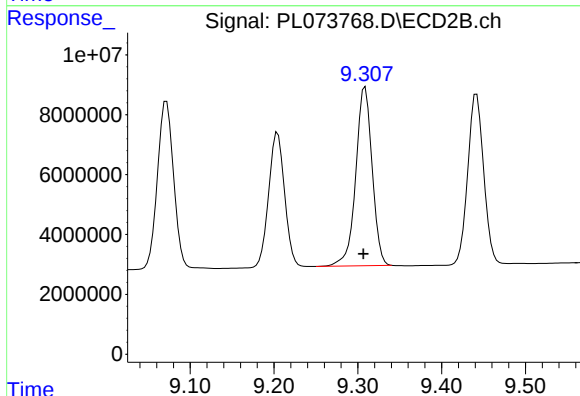
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 17178705
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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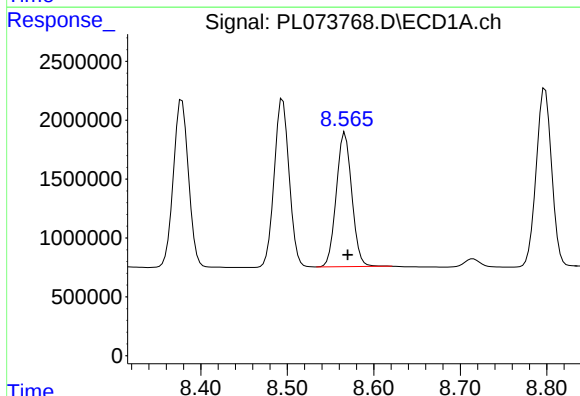
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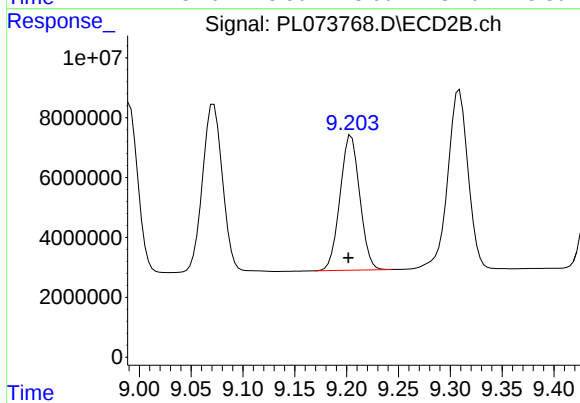
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 81157973
Conc: 49.65 ng/ml



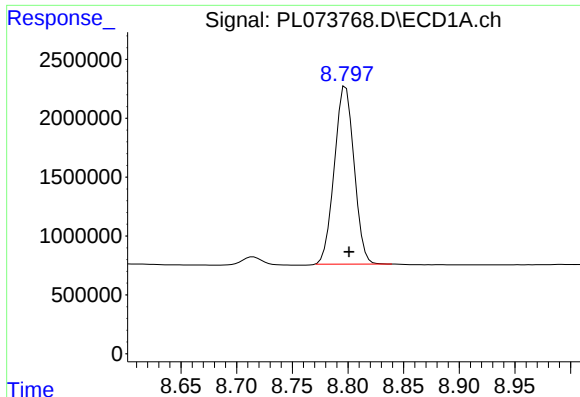
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 14117303
Conc: 44.64 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.001 min
Response: 59659581
Conc: 48.65 ng/ml m



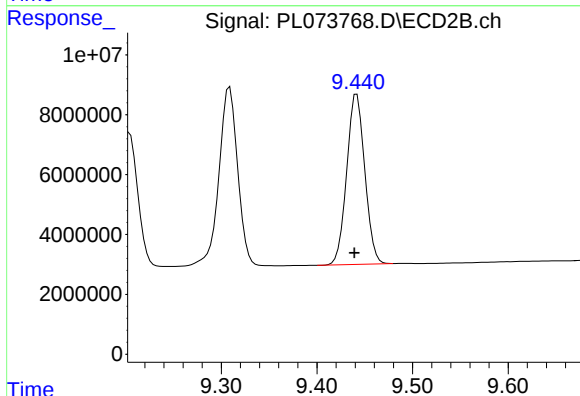
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 18660024
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

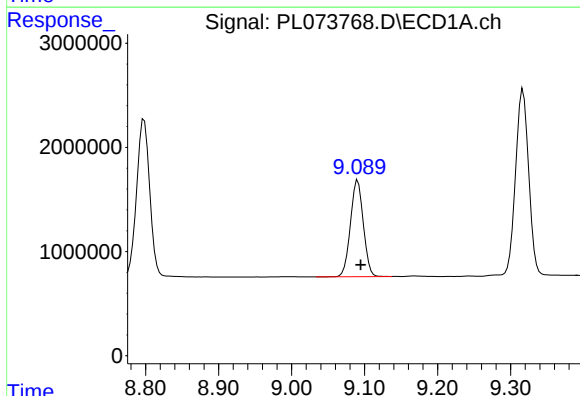
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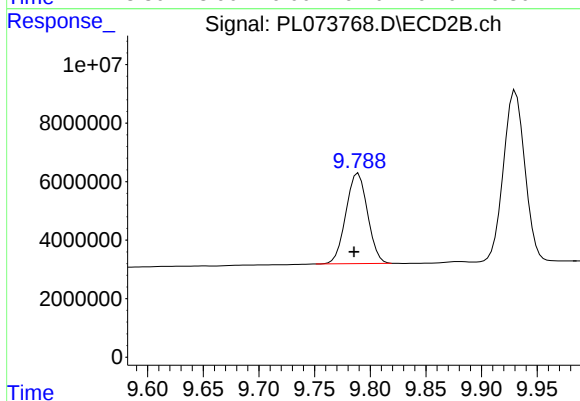
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.002 min
Response: 75120999
Conc: 47.66 ng/ml



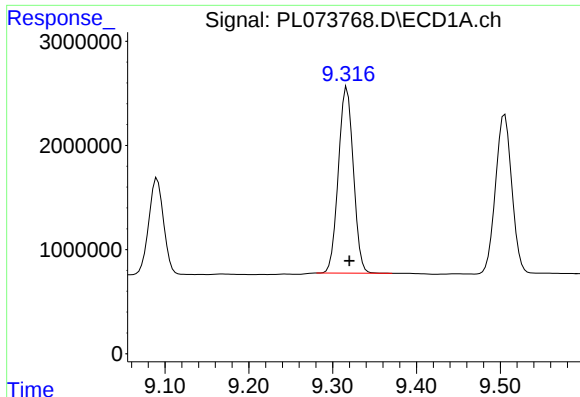
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 11378466
Conc: 44.35 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.004 min
Response: 41800426
Conc: 46.39 ng/ml



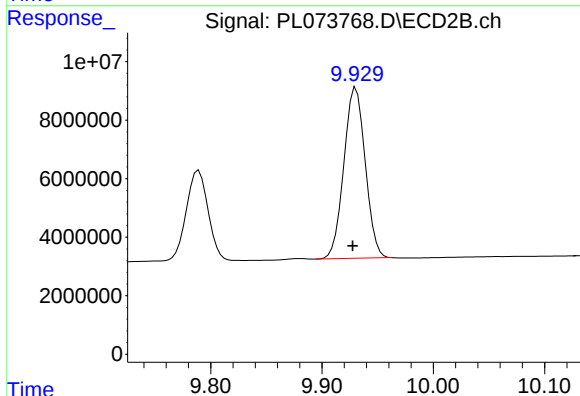
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 22167698
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

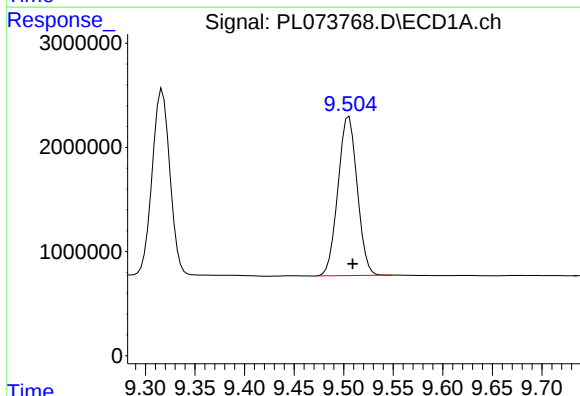
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2022
Supervised By :mohammad ahmed 04/01/2022



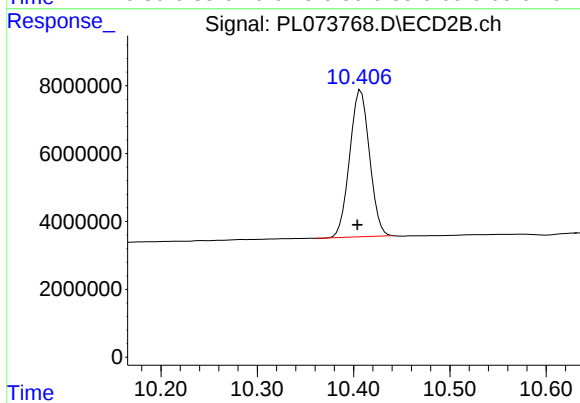
#21 Endrin ketone

R.T.: 9.931 min
Delta R.T.: 0.003 min
Response: 77967718
Conc: 47.24 ng/ml



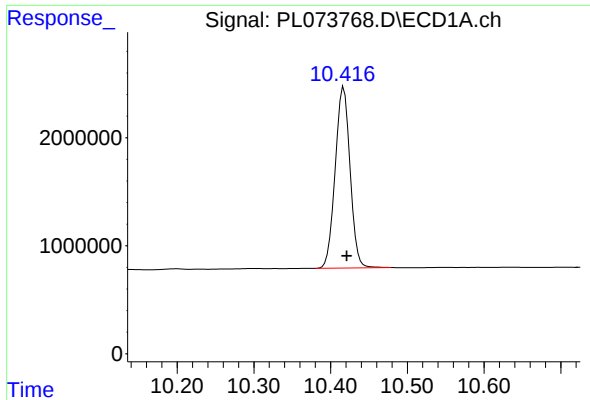
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 20645252
Conc: 43.78 ng/ml



#22 Mirex

R.T.: 10.408 min
Delta R.T.: 0.003 min
Response: 61789234
Conc: 45.48 ng/ml



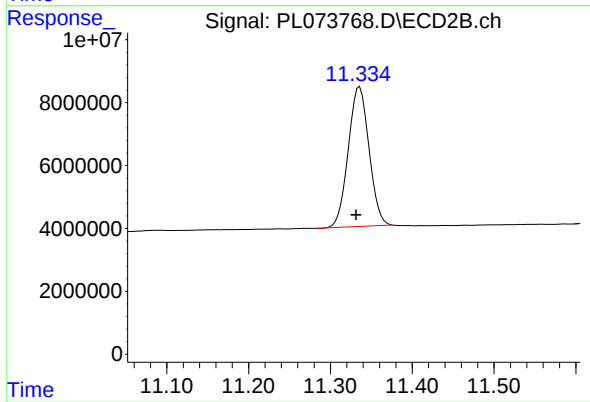
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 22604775
Conc: 44.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2022
Supervised By :mohammad ahmed 04/01/2022



#28 Decachlorobiphenyl

R.T.: 11.336 min
Delta R.T.: 0.004 min
Response: 78047975
Conc: 43.65 ng/ml