

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 18:26
 Operator : AR\AJ
 Sample : N1958-16MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 C-1-0-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/22/2022
 Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:34:38 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...	4.642	5.492	6188592	33850561	19.322	20.625
28)	SA Decachlor...	10.417	11.332	10474410	36403207	20.599	20.358
Target Compounds							
2)	A alpha-BHC	5.350	6.055	22102815	135.0E6	53.621	60.011
3)	MA gamma-BHC...	5.774	6.444	22003849	125.9E6	52.750	58.945
4)	MA Heptachlor	6.186	7.103	23305616	135.5E6	51.653	57.809
5)	MB Aldrin	6.511	7.471	21499551	123.5E6	52.036	58.970
6)	B beta-BHC	6.154	6.679	10889795	56803194	52.890	54.494
7)	B delta-BHC	6.416	6.948	21906225	126.2E6	54.541	58.620
8)	B Heptachlo...	7.088	7.927	22454474	116.1E6	52.101	58.129
9)	A Endosulfan I	7.491	8.327	21510567	105.1E6	52.437	57.554
10)	B gamma-Chl...	7.365	8.195	22784038	117.2E6	52.101	57.365
11)	B alpha-Chl...	7.435	8.277	22995198	114.7E6	52.033	57.363
12)	B 4,4'-DDE	7.649	8.462	19041738	104.6E6	53.065	58.354
13)	MA Dieldrin	7.777	8.612	22110515	105.6E6	53.071	57.266
14)	MA Endrin	8.068	8.847	20734369	86174102	53.438	55.978
15)	B Endosulfa...	8.379	9.070	20574190	84995434	52.636	55.342
16)	A 4,4'-DDD	8.235	8.989	17554001	82449911	54.056	56.484
17)	MA 4,4'-DDT	8.496	9.308	19091593	87189673	50.482	53.342
18)	B Endrin al...	8.567	9.201	15887427	64856164	50.237	52.887m
19)	B Endosulfa...	8.798	9.440	21834250	86176799	51.688	54.678
20)	A Methoxychlor	9.092	9.787	12415587	44900914	48.397	49.830
21)	B Endrin ke...	9.318	9.928	26366541	90224387	53.895	54.662
22)	Mirex	9.506	10.405	26538654	81442946	56.278	59.953

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

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Manual Integrations

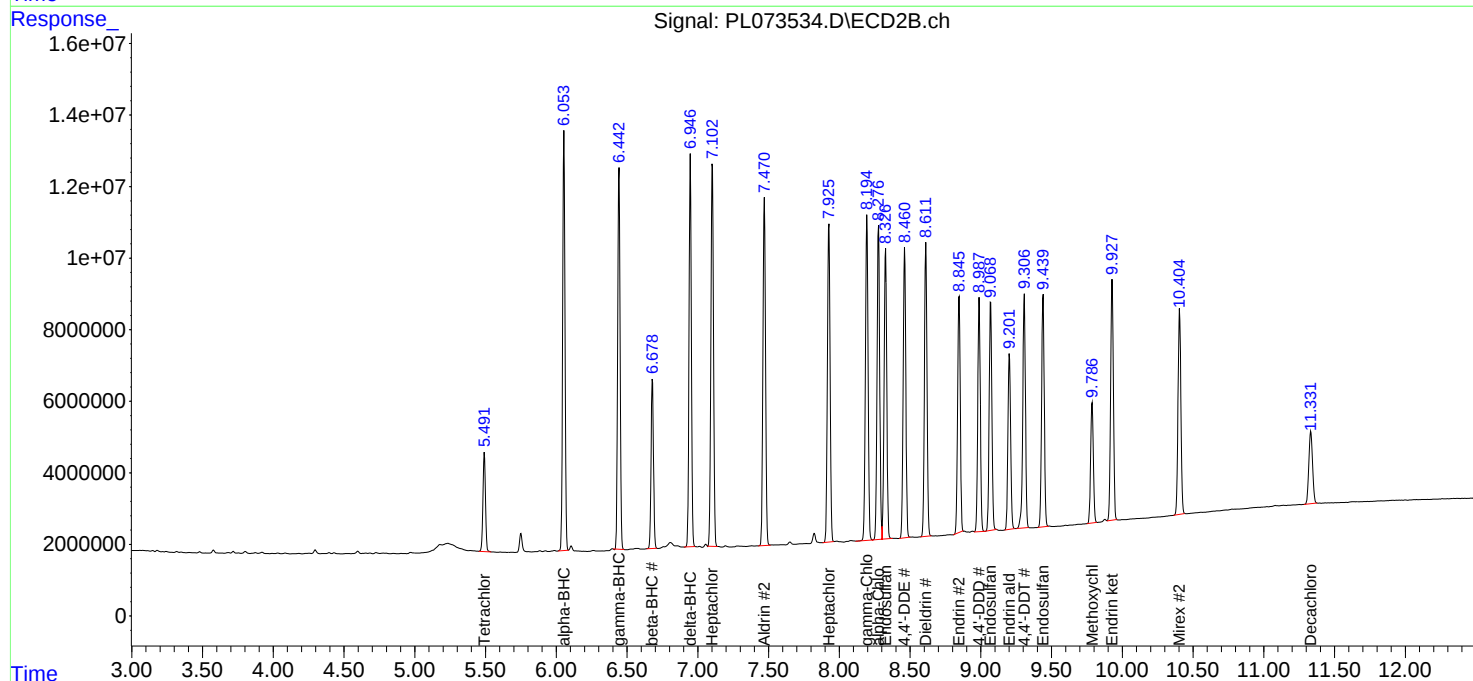
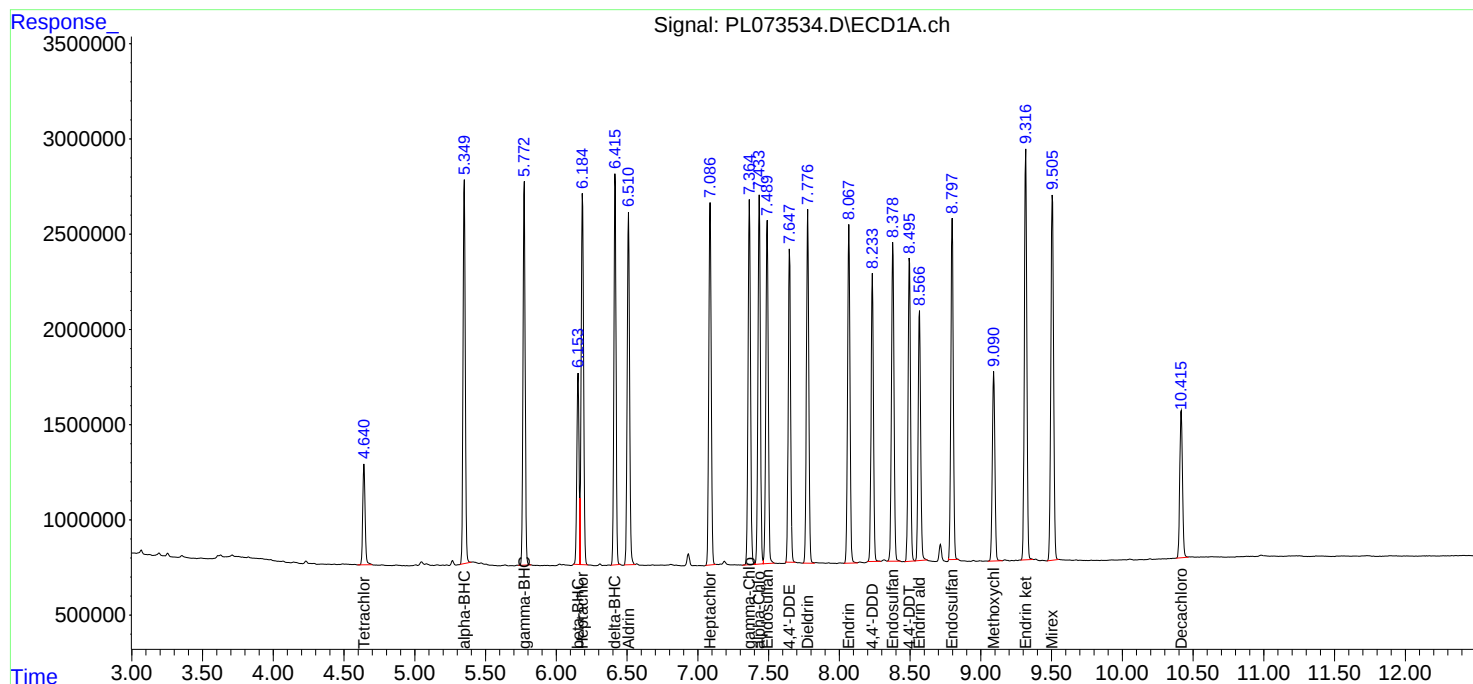
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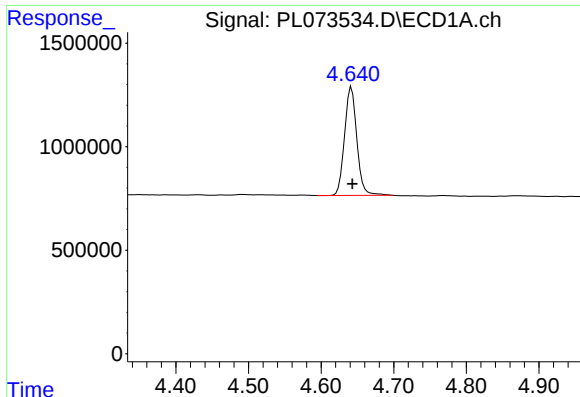
Reviewed By :Abdul Mirza 03/22/2022

Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





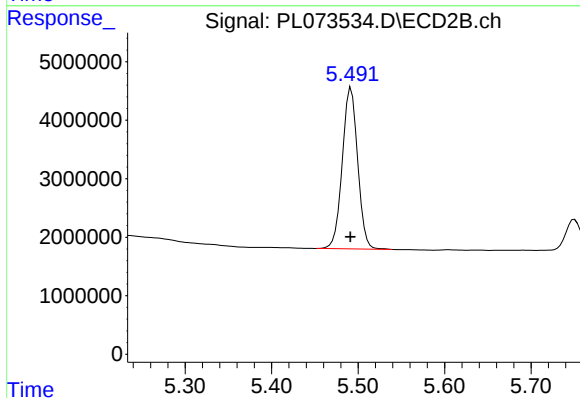
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 6188592
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

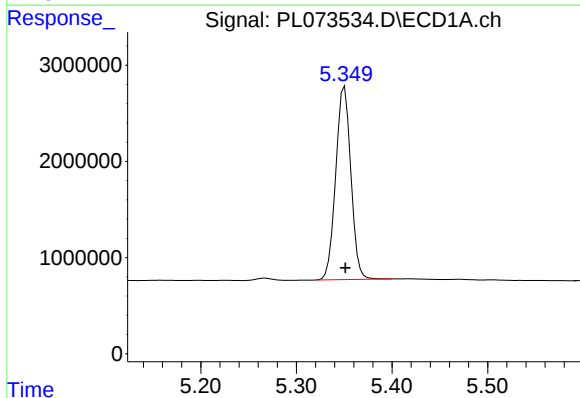
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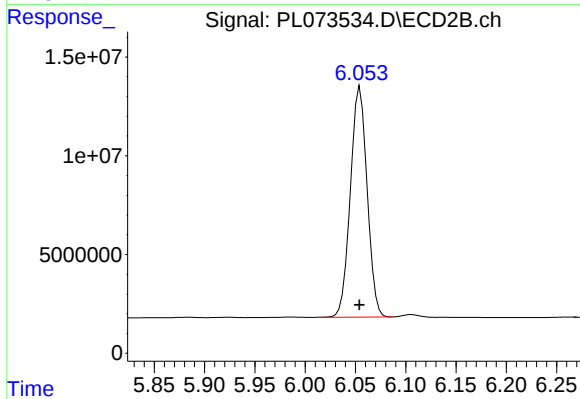
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 33850561
Conc: 20.62 ng/ml



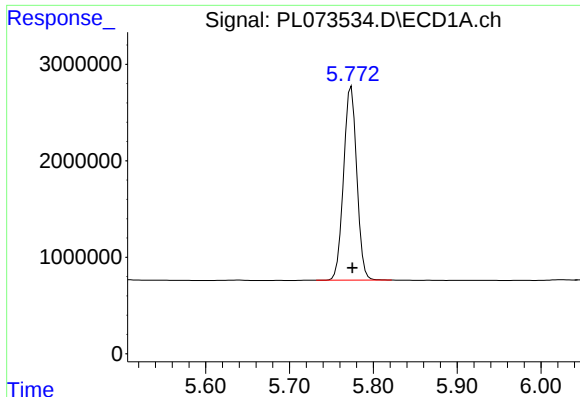
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 22102815
Conc: 53.62 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 135004751
Conc: 60.01 ng/ml



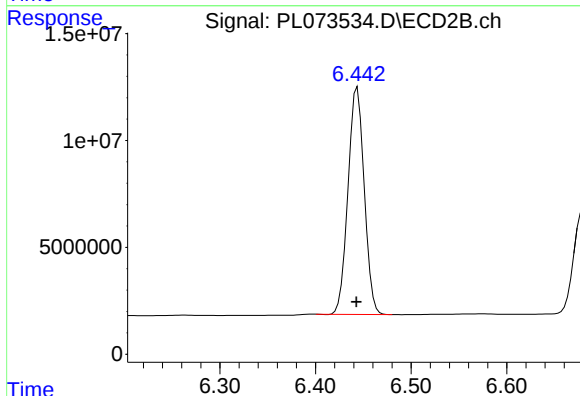
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 22003849
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

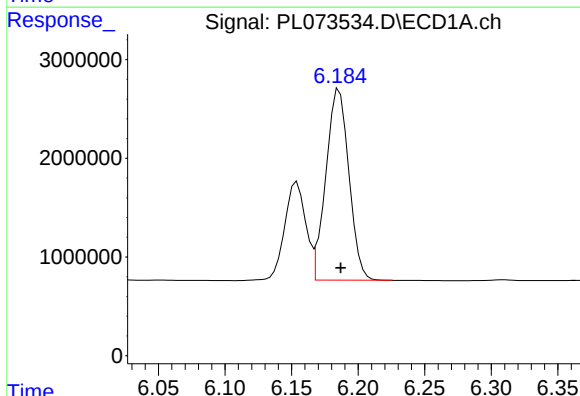
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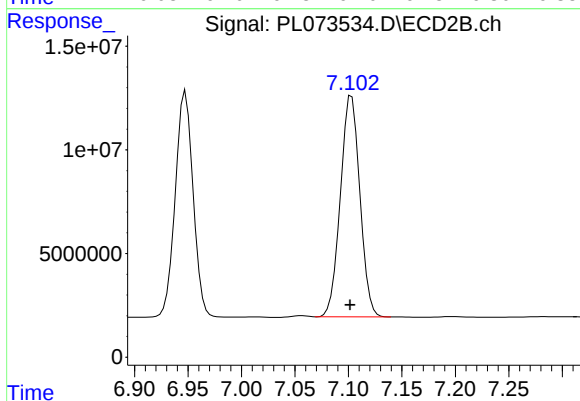
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 125851680
Conc: 58.94 ng/ml



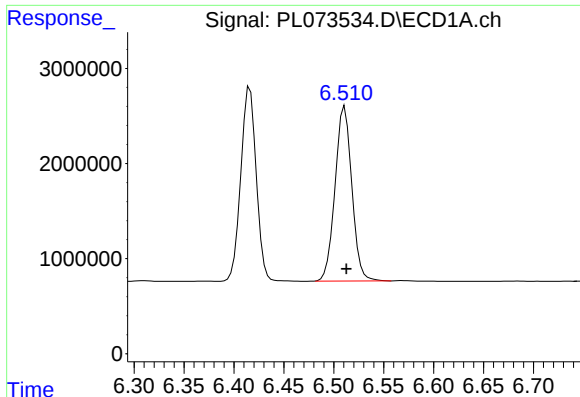
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 23305616
Conc: 51.65 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 135450874
Conc: 57.81 ng/ml



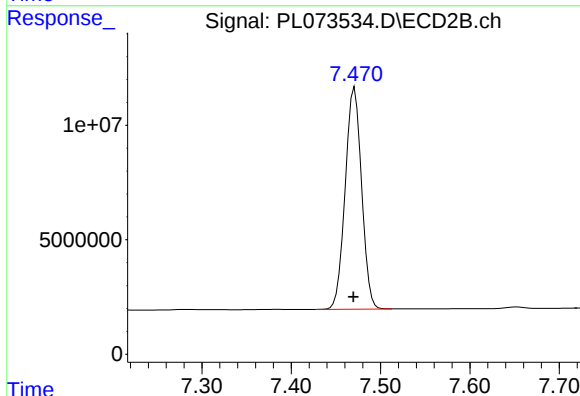
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 21499551
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

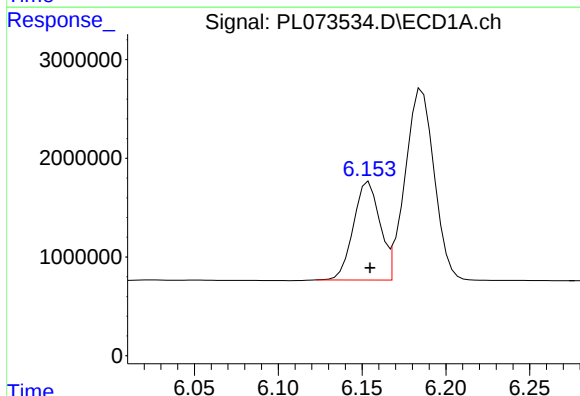
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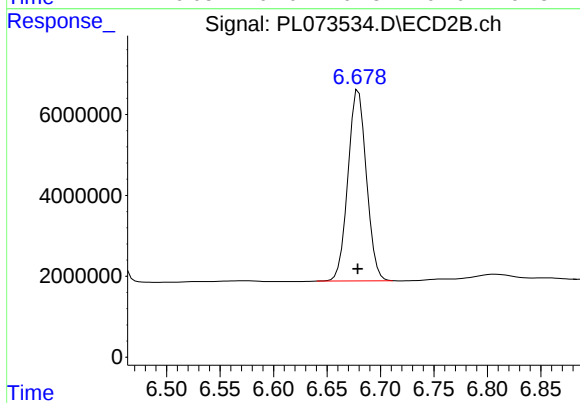
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 123541017
Conc: 58.97 ng/ml



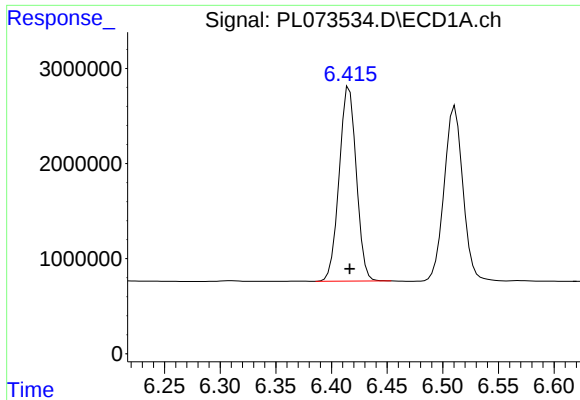
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 10889795
Conc: 52.89 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 56803194
Conc: 54.49 ng/ml



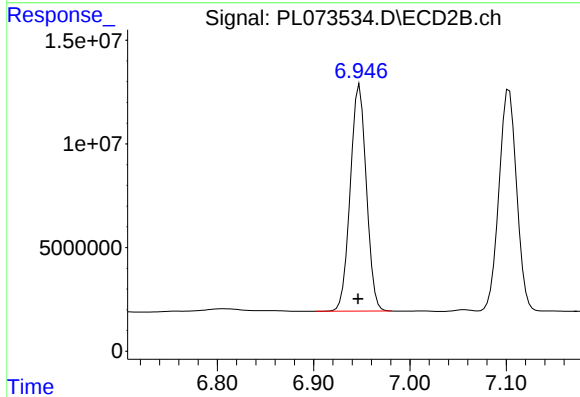
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 21906225
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

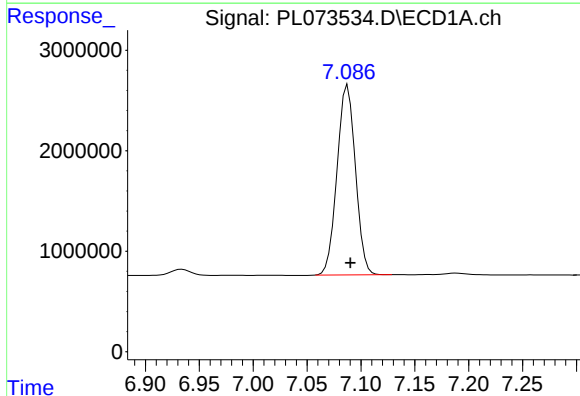
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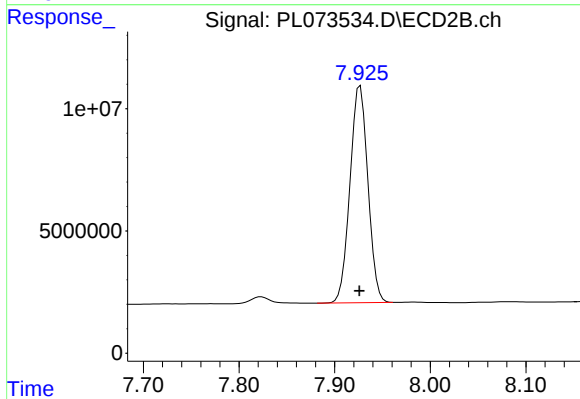
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 126241637
Conc: 58.62 ng/ml



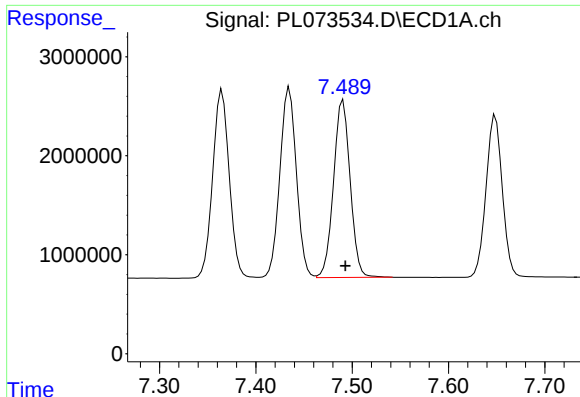
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 22454474
Conc: 52.10 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 116102008
Conc: 58.13 ng/ml



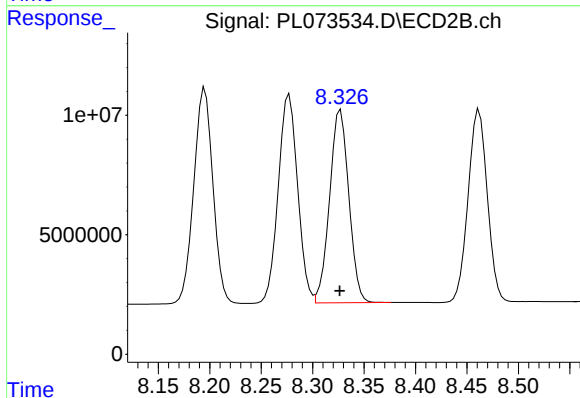
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 21510567
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

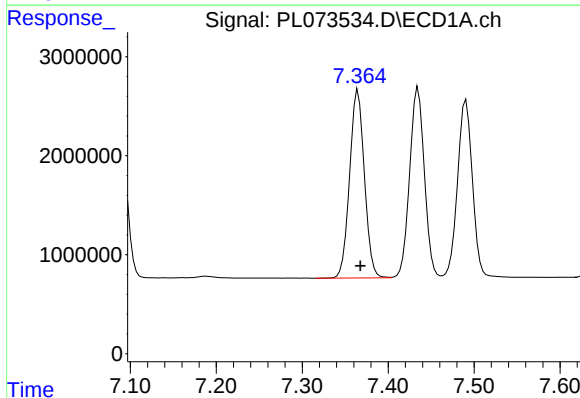
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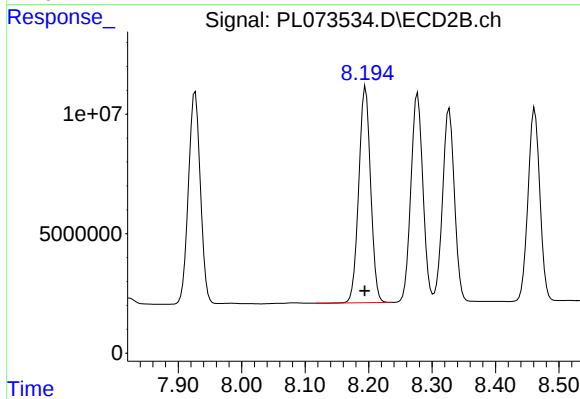
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 105057882
Conc: 57.55 ng/ml



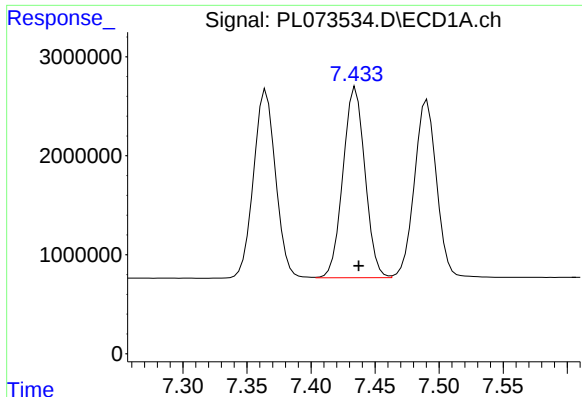
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 22784038
Conc: 52.10 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 117162268
Conc: 57.36 ng/ml



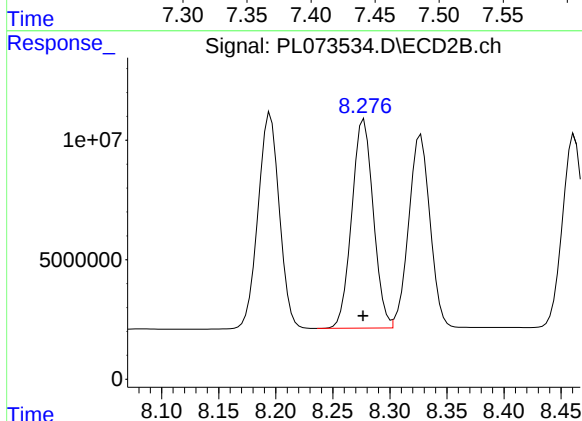
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 22995198
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

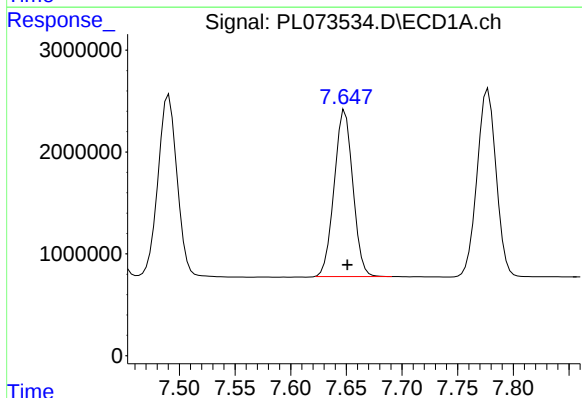
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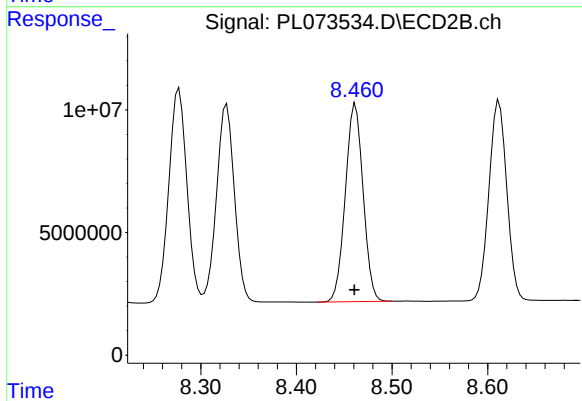
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 114726411
Conc: 57.36 ng/ml



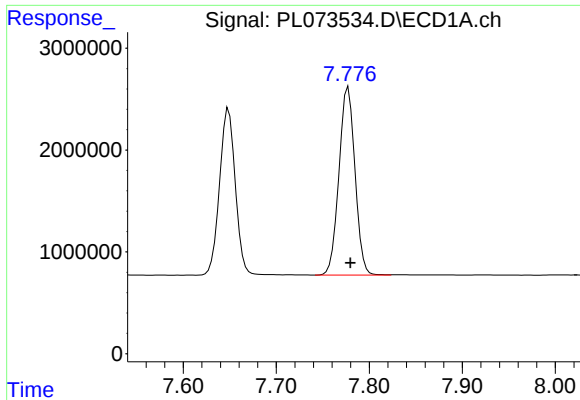
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 19041738
Conc: 53.06 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 104592772
Conc: 58.35 ng/ml



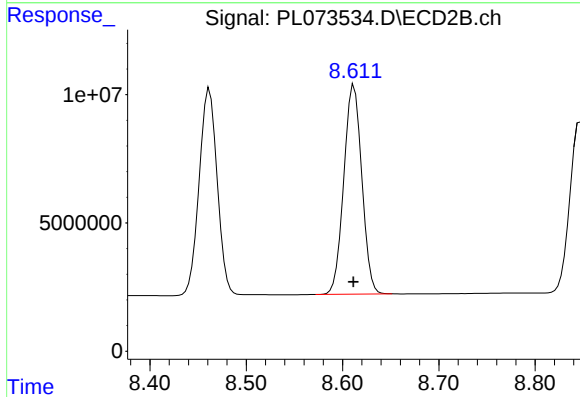
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 22110515
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

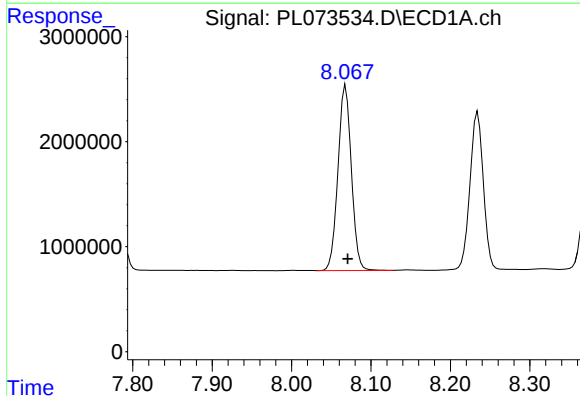
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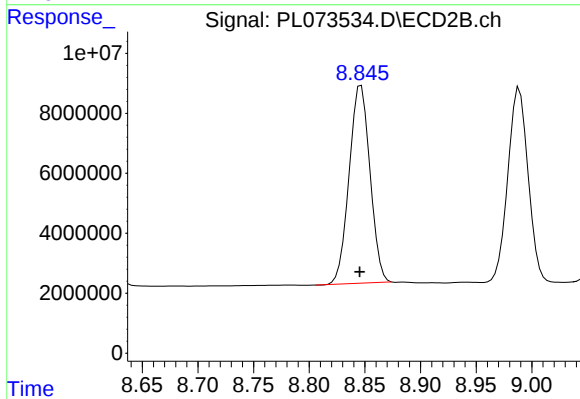
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 105641499
Conc: 57.27 ng/ml



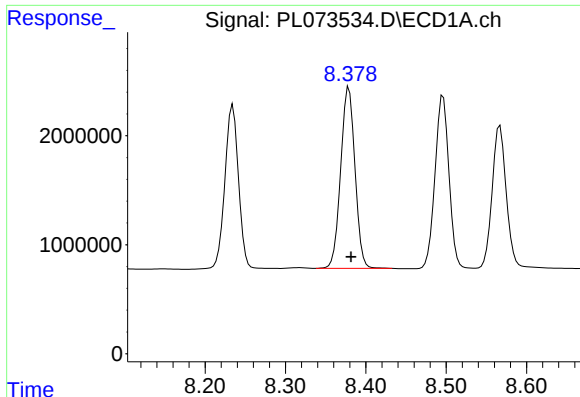
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 20734369
Conc: 53.44 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 86174102
Conc: 55.98 ng/ml



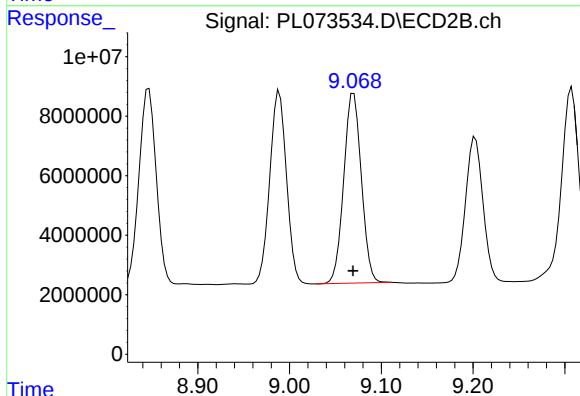
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 20574190
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

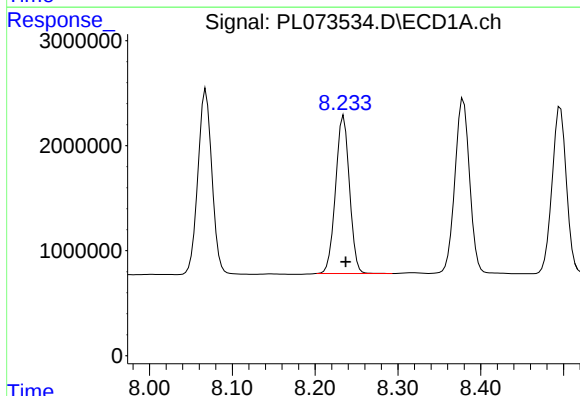
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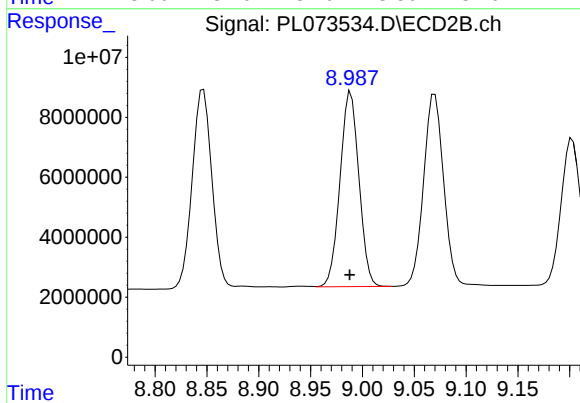
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 84995434
Conc: 55.34 ng/ml



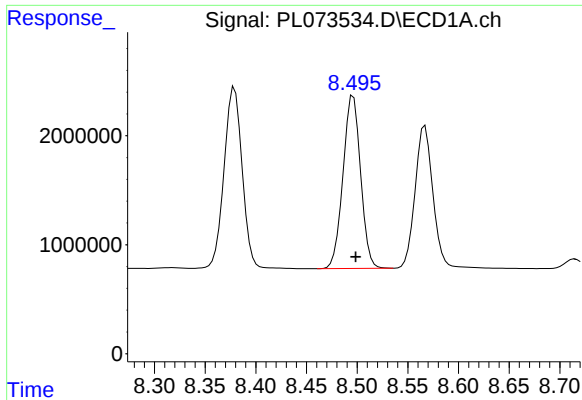
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 17554001
Conc: 54.06 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 82449911
Conc: 56.48 ng/ml



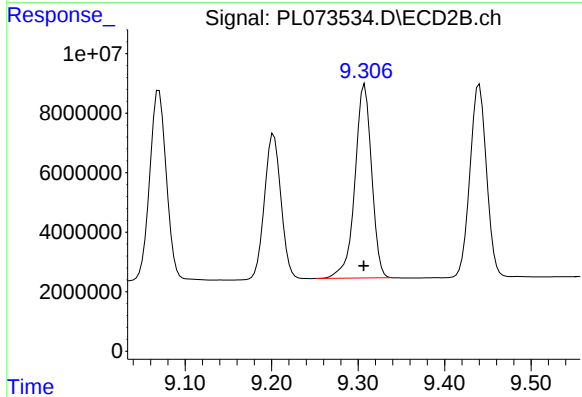
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 19091593
Conc: 50.48 ng/ml

Instrument :
ECD_L
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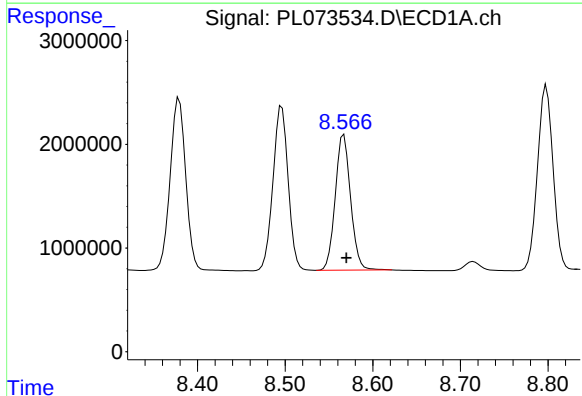
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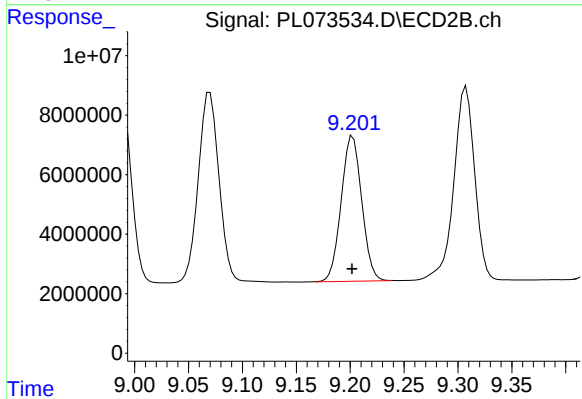
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 87189673
Conc: 53.34 ng/ml



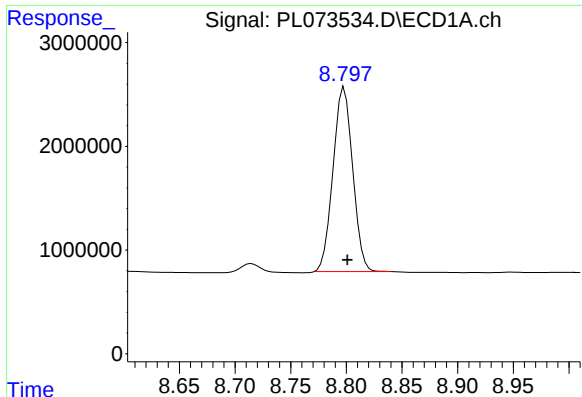
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 15887427
Conc: 50.24 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 64856164
Conc: 52.89 ng/ml m



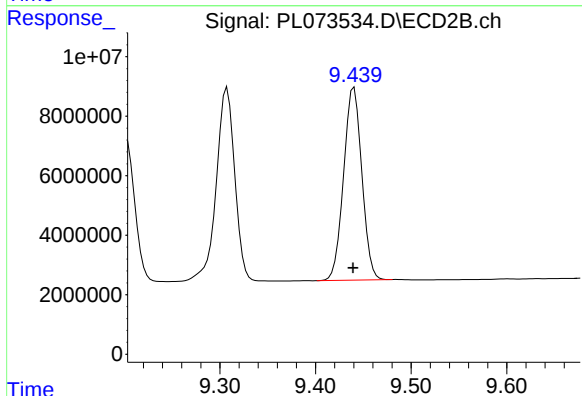
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 21834250
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

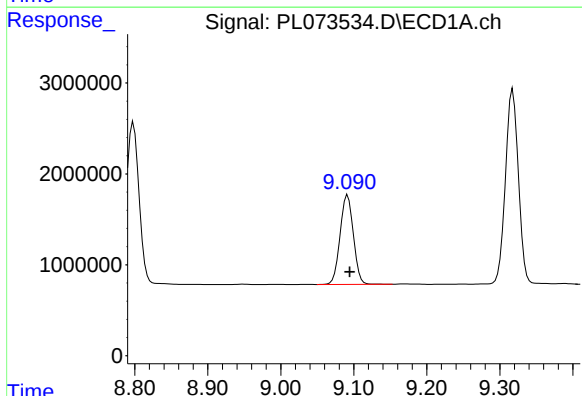
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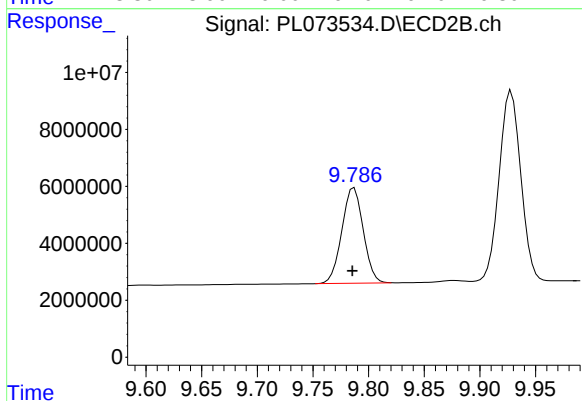
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 86176799
Conc: 54.68 ng/ml



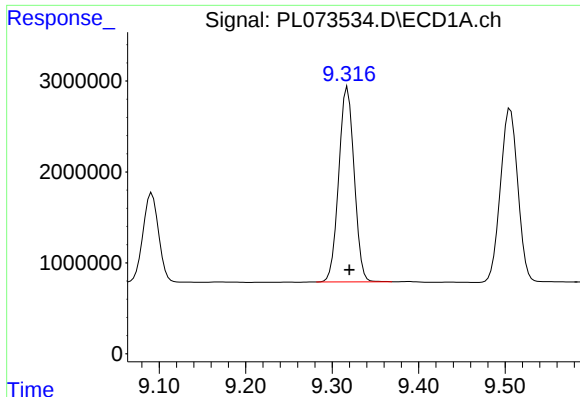
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 12415587
Conc: 48.40 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 44900914
Conc: 49.83 ng/ml



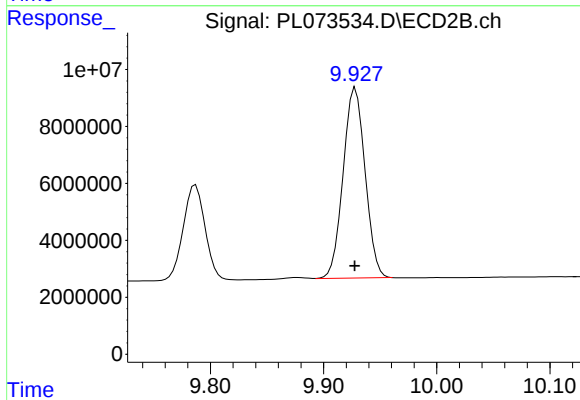
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 26366541
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

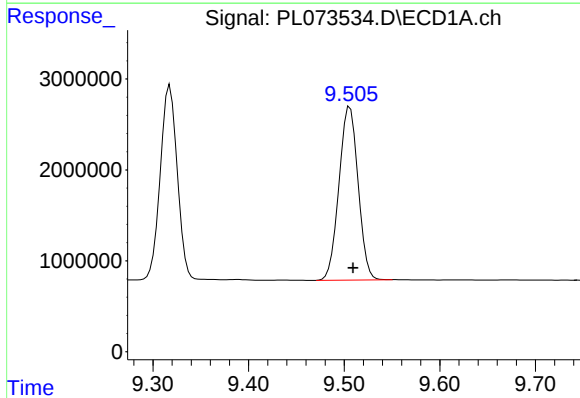
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



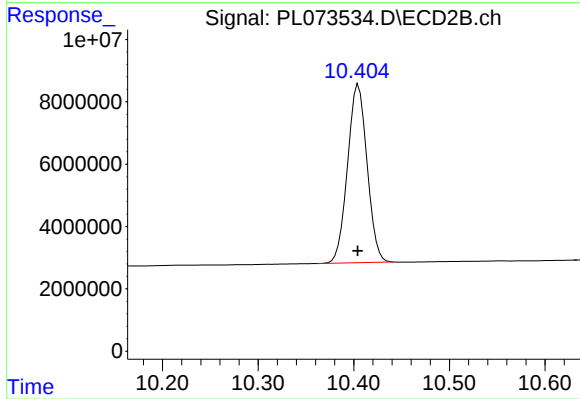
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 90224387
Conc: 54.66 ng/ml



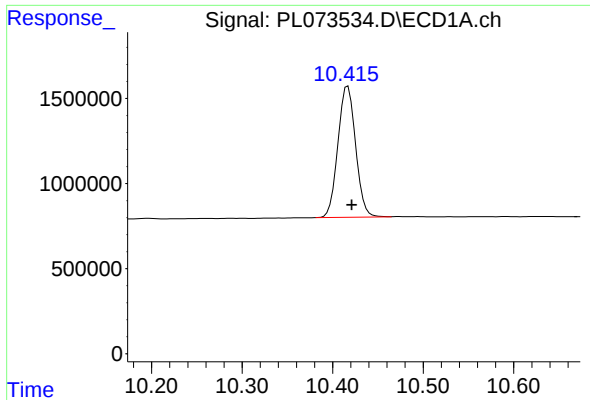
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 26538654
Conc: 56.28 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 81442946
Conc: 59.95 ng/ml



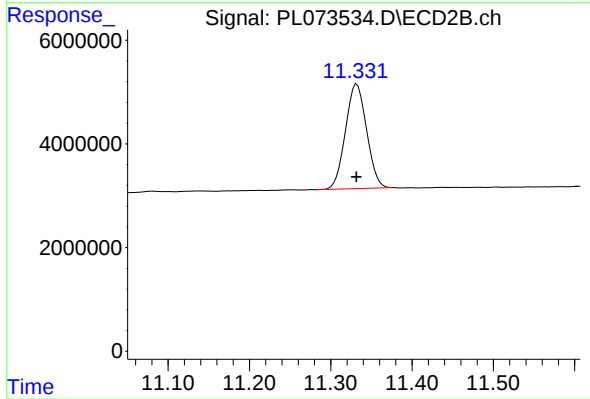
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10474410
Conc: 20.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
C-1-0-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 36403207
Conc: 20.36 ng/ml