

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 14:36
 Operator : AR\AJ
 Sample : N2030-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MR-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 01:27:28 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	6036952	30593365	18.849	18.640
28)	SA Decachlor...	10.417	11.332	8003257	28054533	15.739	15.689
Target Compounds							
2)	A alpha-BHC	5.351	6.055	19816666	119.2E6	48.075	52.968
3)	MA gamma-BHC...	5.774	6.444	19895418	110.7E6	47.695	51.858
4)	MA Heptachlor	6.186	7.102	21255685	118.9E6	47.109	50.729
5)	MB Aldrin	6.511	7.471	19472951	111.2E6	47.131	53.088
6)	B beta-BHC	6.154	6.680	10030673	50324323	48.717	48.279
7)	B delta-BHC	6.416	6.947	19602617	110.3E6	48.805	51.229
8)	B Heptachlo...	7.088	7.927	20162899	102.3E6	46.784	51.202
9)	A Endosulfan I	7.491	8.327	19651896	92916544	47.906	50.902
10)	B gamma-Chl...	7.365	8.195	22503000	109.6E6	51.459	53.656
11)	B alpha-Chl...	7.435	8.277	21935840	108.3E6	49.636	54.135
12)	B 4,4'-DDE	7.649	8.462	17499657	89593385	48.768	49.986
13)	MA Dieldrin	7.777	8.612	19708535	92173253	47.305	49.966
14)	MA Endrin	8.068	8.847	19020651	76638189	49.022	49.784
15)	B Endosulfa...	8.379	9.070	18644035	73709828	47.698	47.993
16)	A 4,4'-DDD	8.234	8.988	15558412	73518546	47.911	50.365
17)	MA 4,4'-DDT	8.497	9.307	17463651	77020211	46.178	47.121
18)	B Endrin al...	8.567	9.201	13984212	56347126	44.219	45.948m
19)	B Endosulfa...	8.798	9.440	20306219	78832686	48.071	50.019
20)	A Methoxychlor	9.091	9.787	11565663	40632246	45.084	45.093
21)	B Endrin ke...	9.317	9.928	22426564	75835480	45.841	45.944
22)	Mirex	9.506	10.405	23392110	72195704	49.606	53.145

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 14:36
 Operator : AR\AJ
 Sample : N2030-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

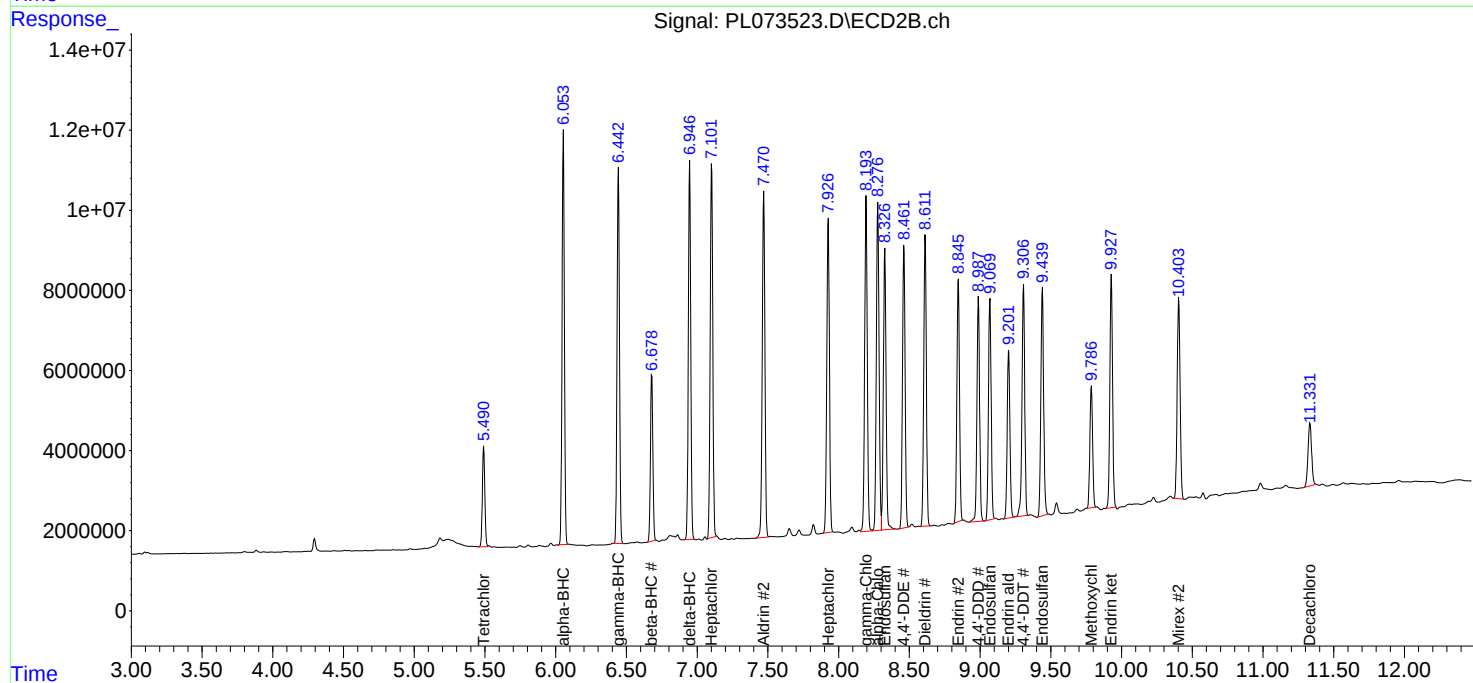
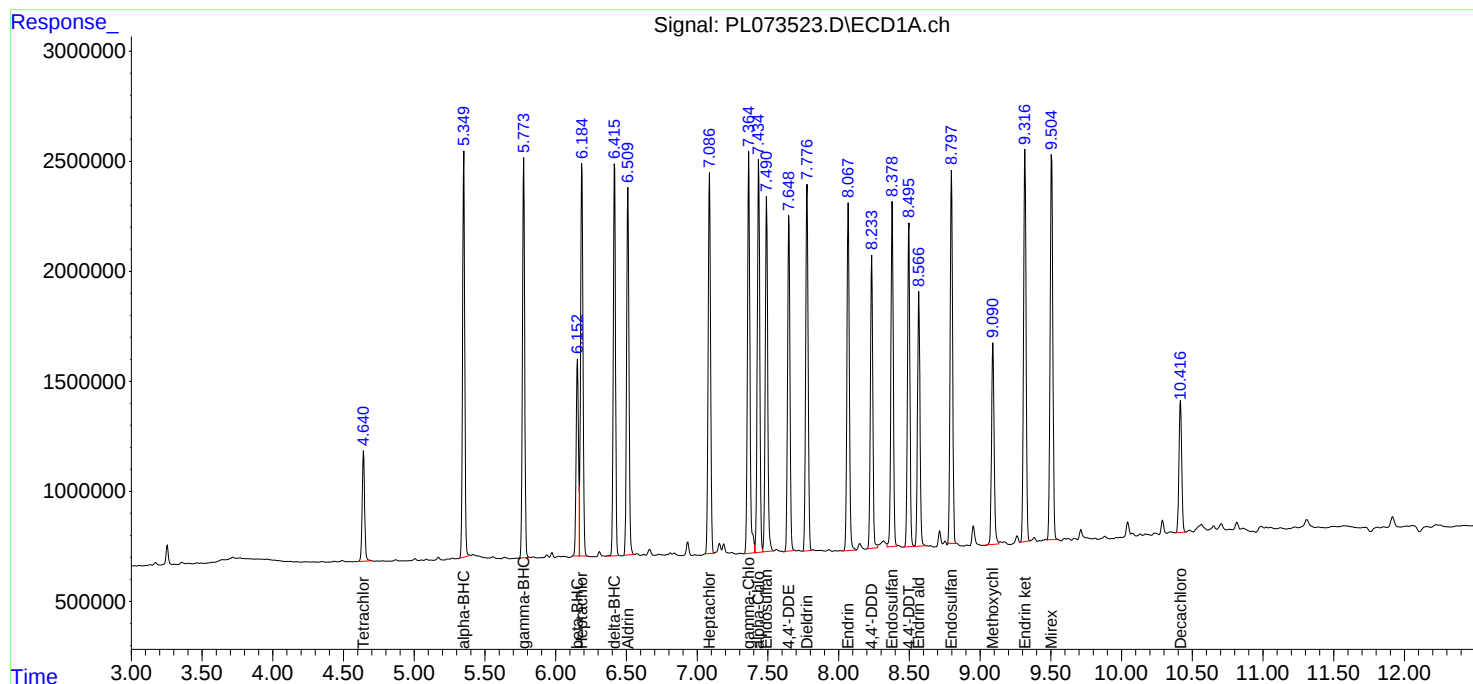
Instrument :
 ECD_L
 ClientSampleId :
 MR-1MS

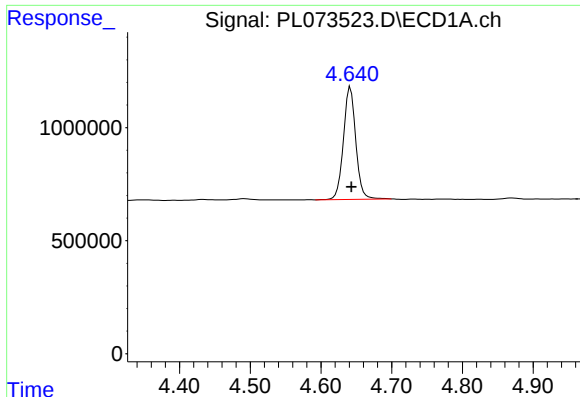
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:27:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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Volume Inj. : 1 µl
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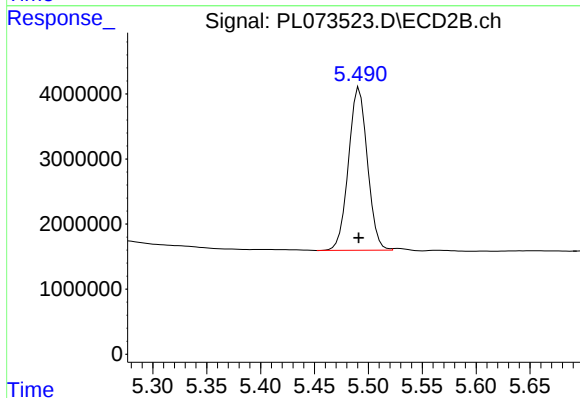
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 6036952
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

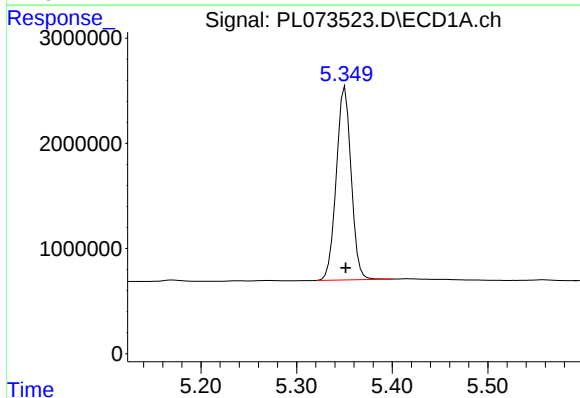
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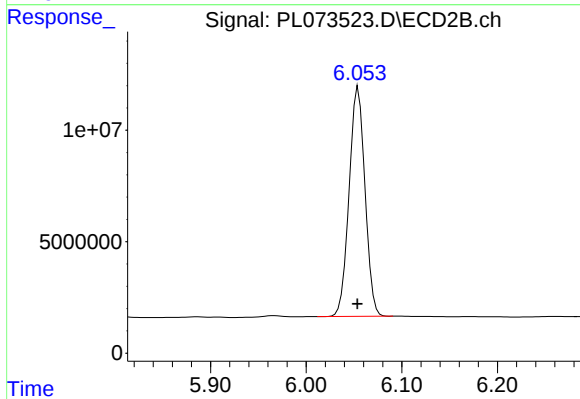
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 30593365
Conc: 18.64 ng/ml



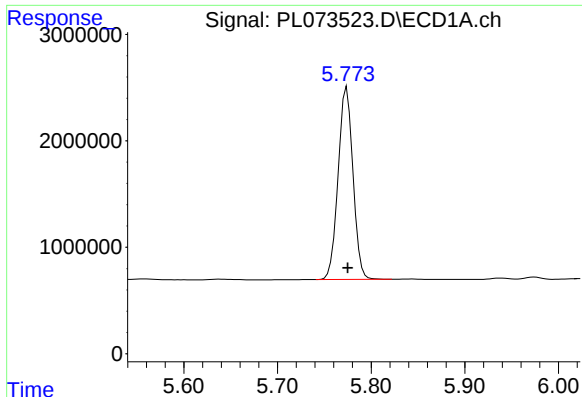
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 19816666
Conc: 48.08 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 119159679
Conc: 52.97 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 19895418
Conc: 47.70 ng/ml

Instrument :

ECD_L

ClientSampleId :

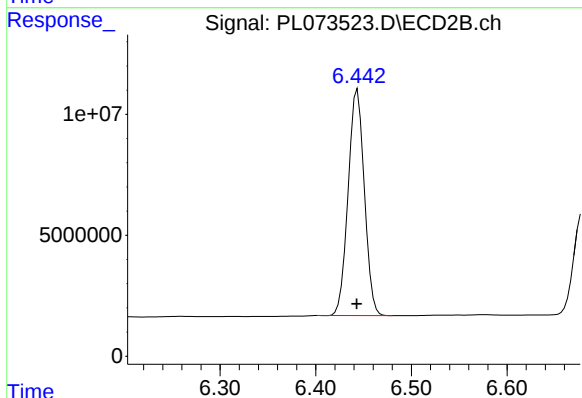
MR-1MS

Manual Integrations

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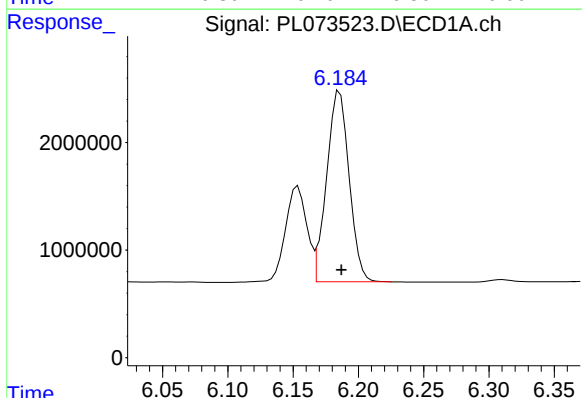
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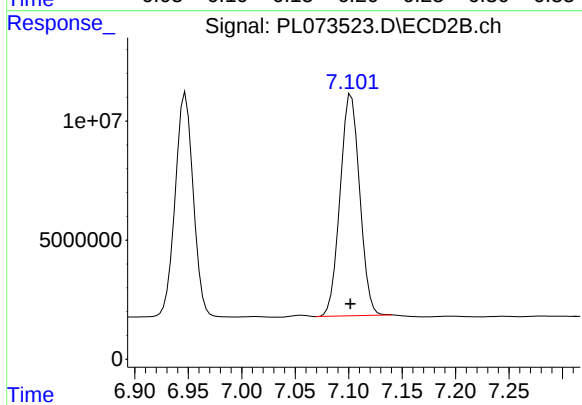
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 110720389
Conc: 51.86 ng/ml



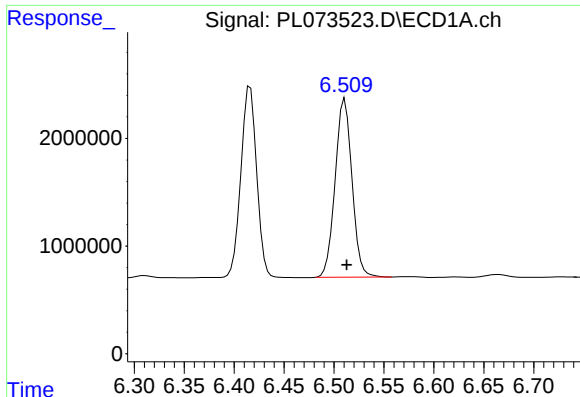
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 21255685
Conc: 47.11 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 118862991
Conc: 50.73 ng/ml



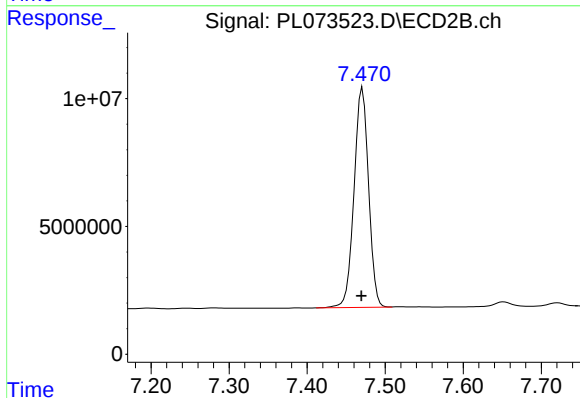
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 19472951
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

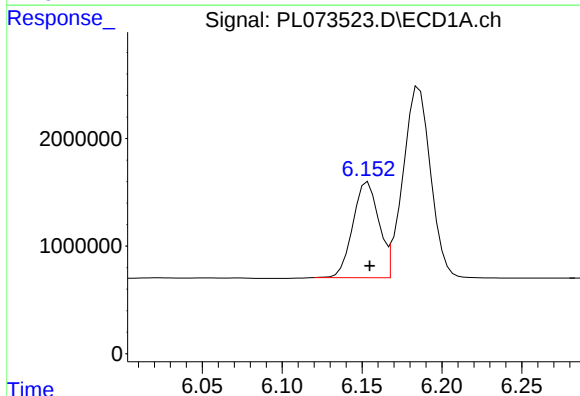
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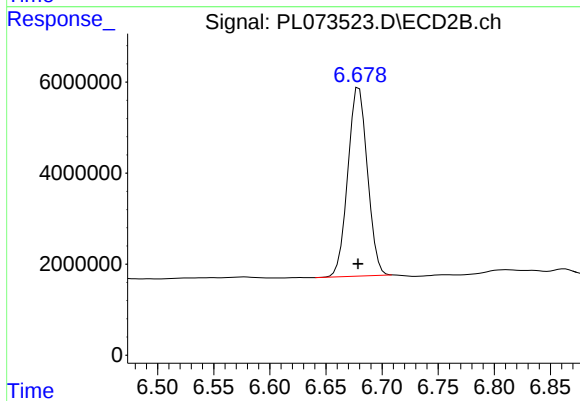
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 111218849
Conc: 53.09 ng/ml



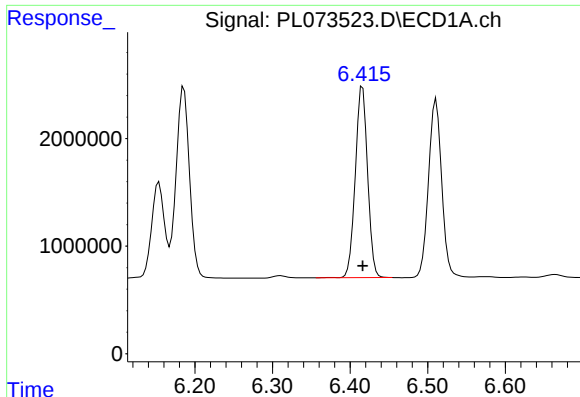
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 10030673
Conc: 48.72 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 50324323
Conc: 48.28 ng/ml



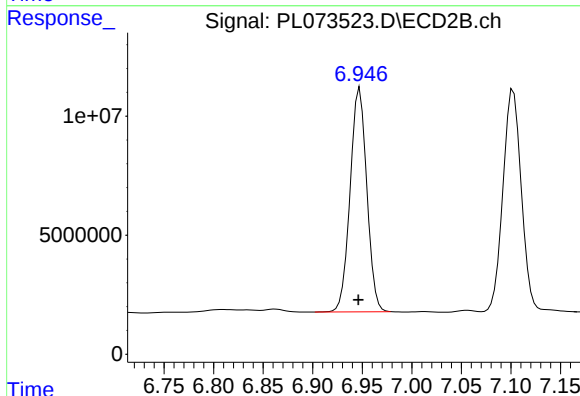
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 19602617
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

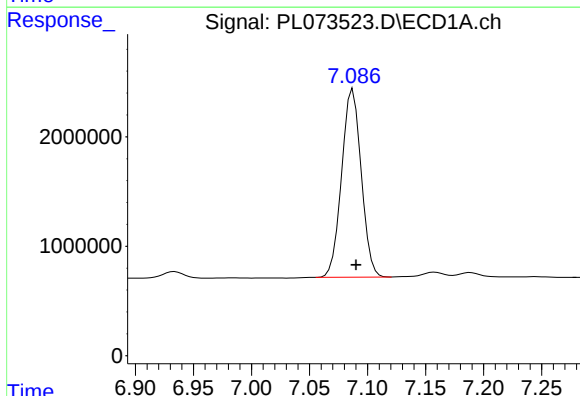
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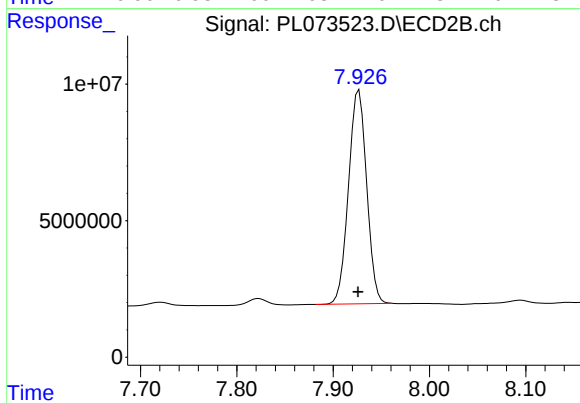
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 110324992
Conc: 51.23 ng/ml



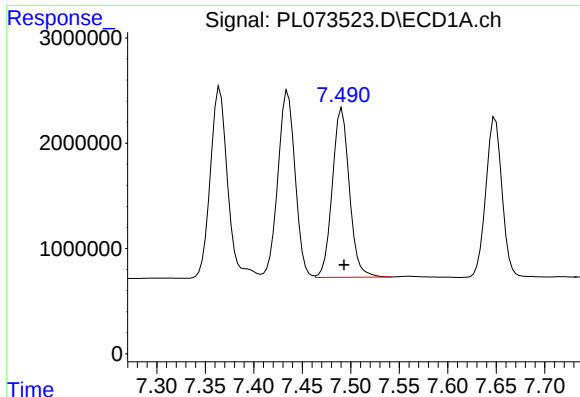
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 20162899
Conc: 46.78 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 102266637
Conc: 51.20 ng/ml



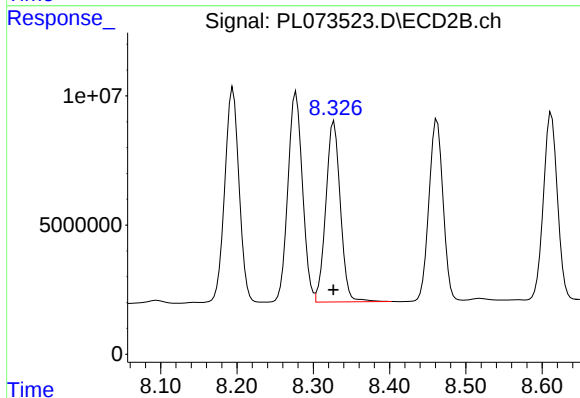
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 19651896
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

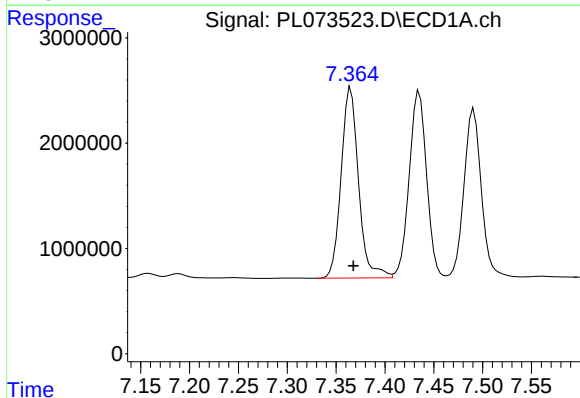
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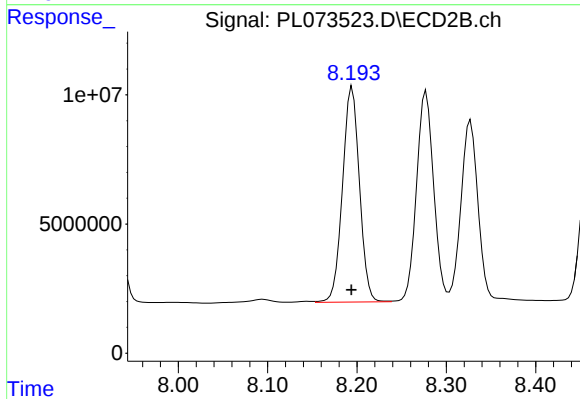
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 92916544
Conc: 50.90 ng/ml



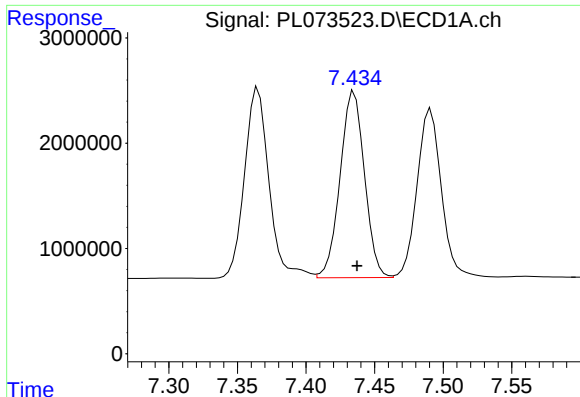
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 22503000
Conc: 51.46 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 109586904
Conc: 53.66 ng/ml



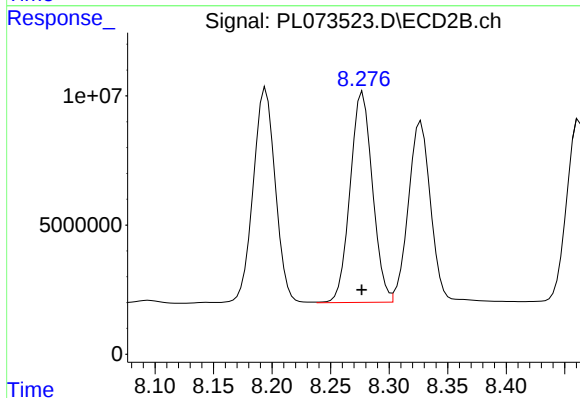
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 21935840
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

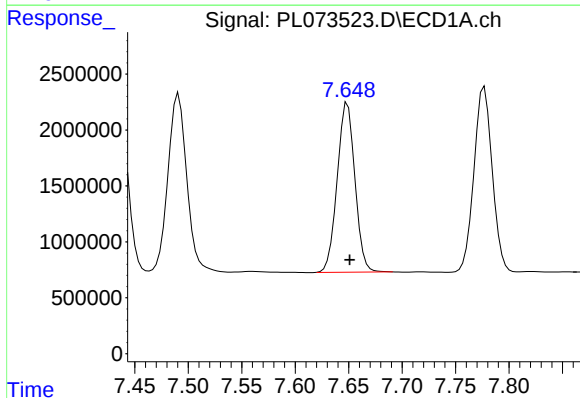
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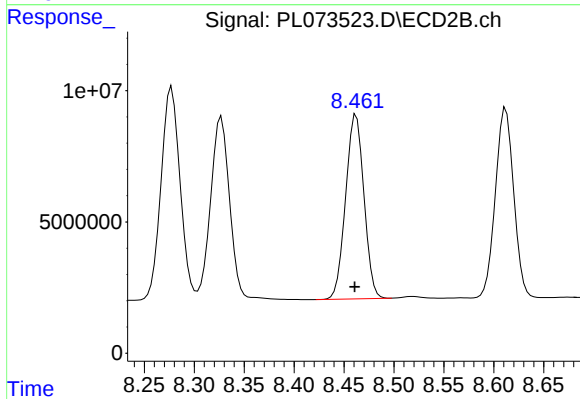
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 108271366
Conc: 54.14 ng/ml



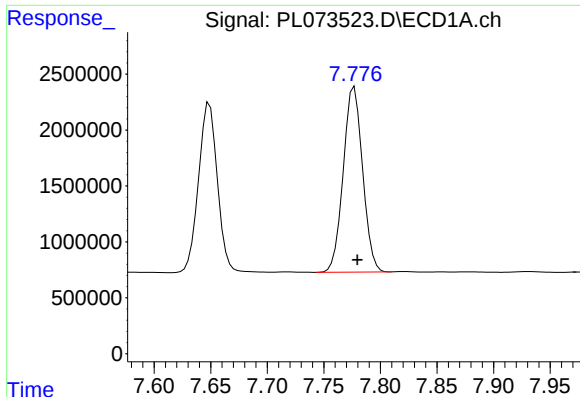
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 17499657
Conc: 48.77 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 89593385
Conc: 49.99 ng/ml



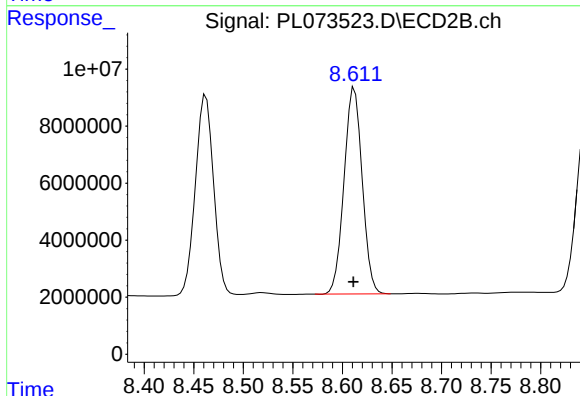
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 19708535
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

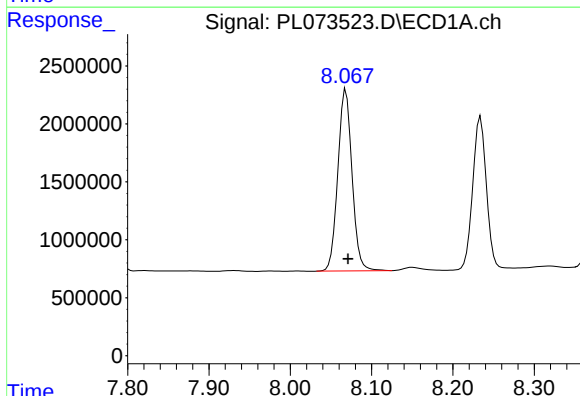
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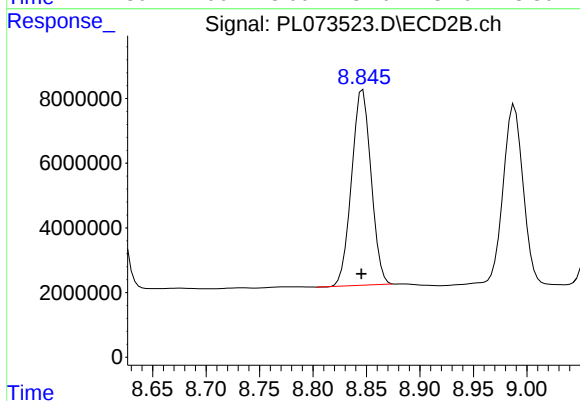
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 92173253
Conc: 49.97 ng/ml



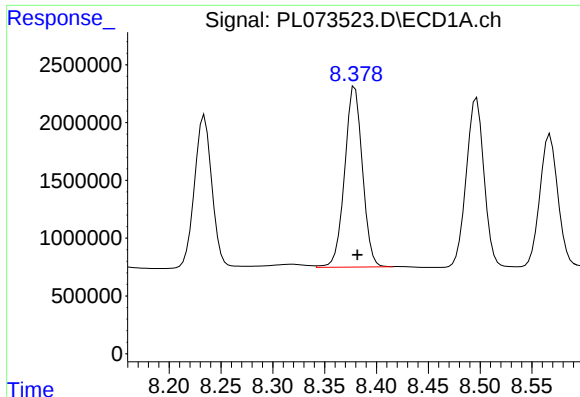
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 19020651
Conc: 49.02 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 76638189
Conc: 49.78 ng/ml



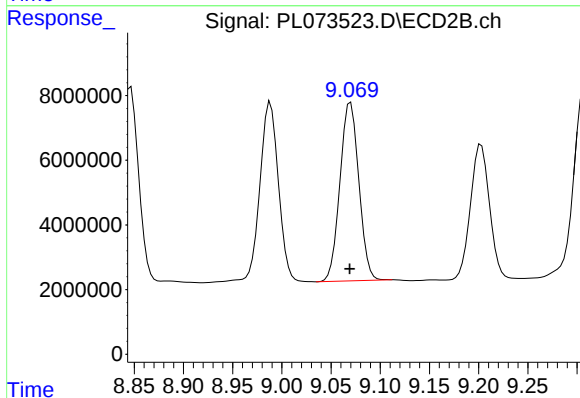
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 18644035
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

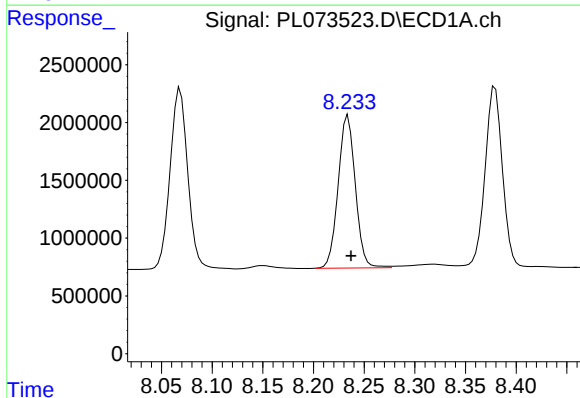
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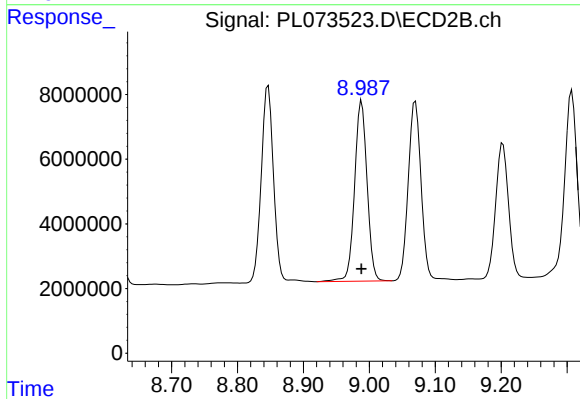
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 73709828
Conc: 47.99 ng/ml



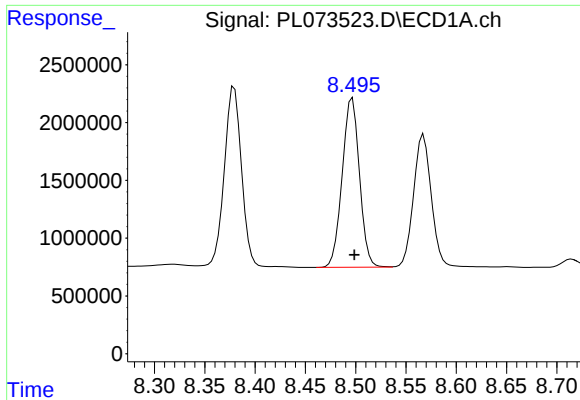
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 15558412
Conc: 47.91 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 73518546
Conc: 50.37 ng/ml



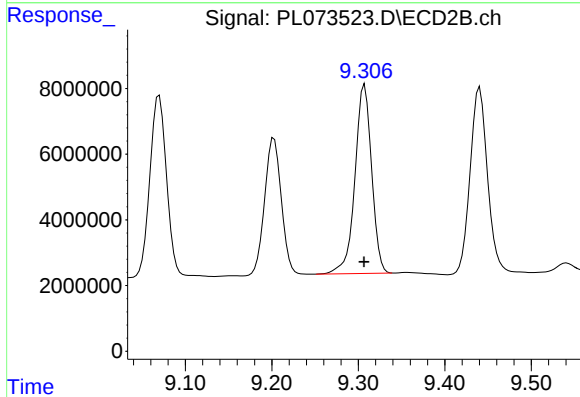
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 17463651
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

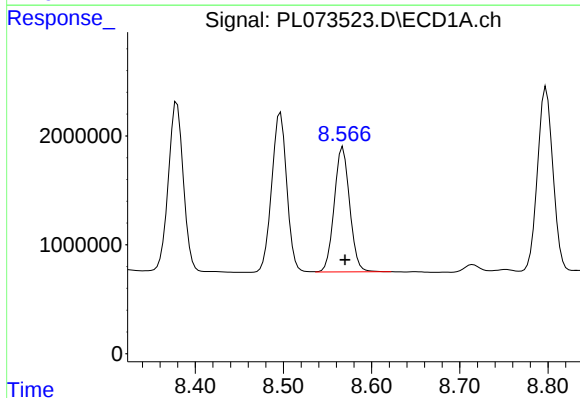
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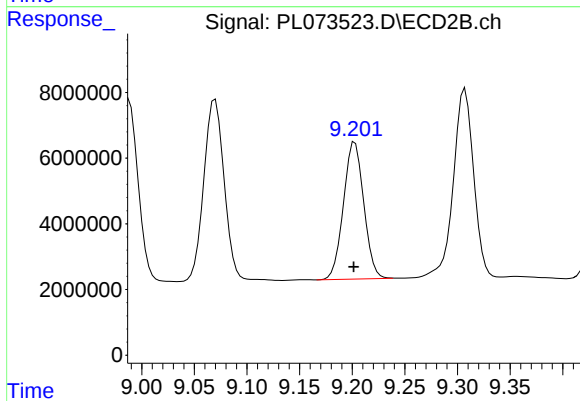
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 77020211
Conc: 47.12 ng/ml



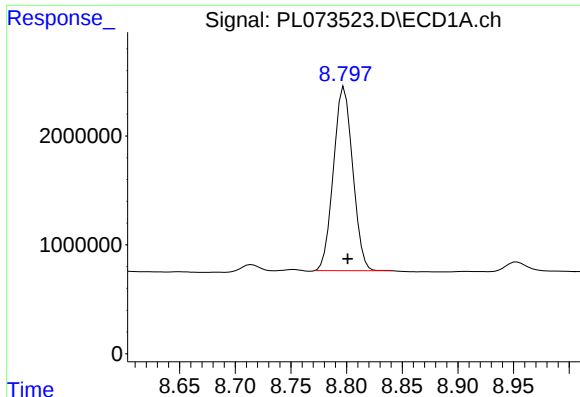
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.002 min
Response: 13984212
Conc: 44.22 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 56347126
Conc: 45.95 ng/ml m



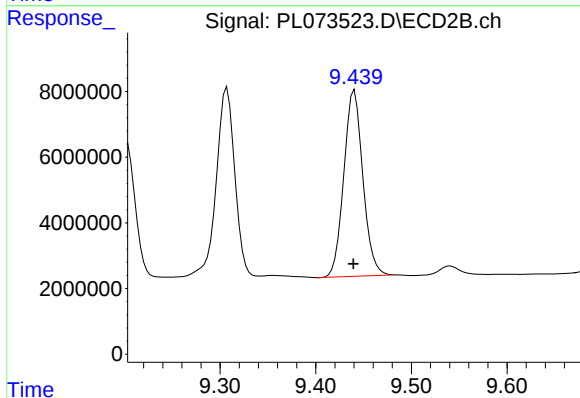
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 20306219
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

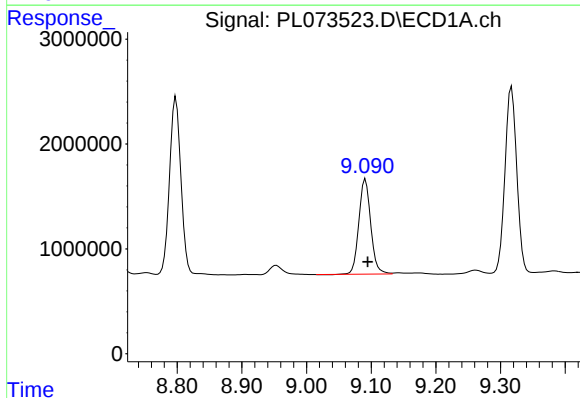
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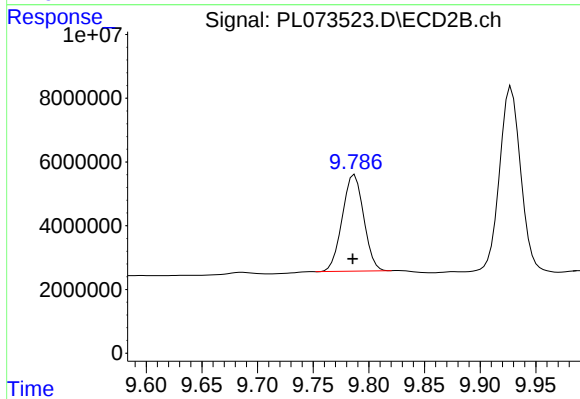
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.001 min
Response: 78832686
Conc: 50.02 ng/ml



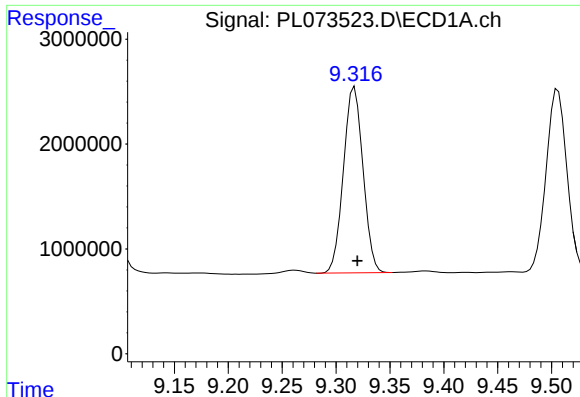
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.003 min
Response: 11565663
Conc: 45.08 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 40632246
Conc: 45.09 ng/ml



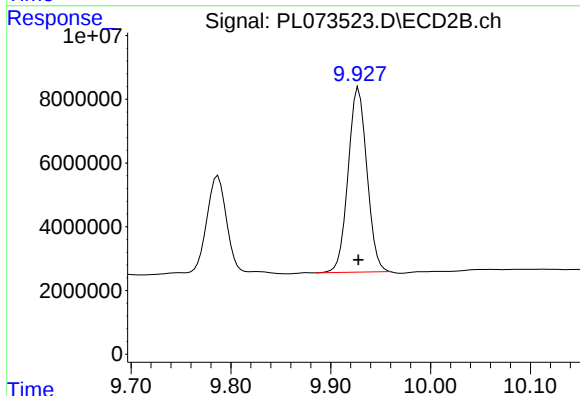
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 22426564
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

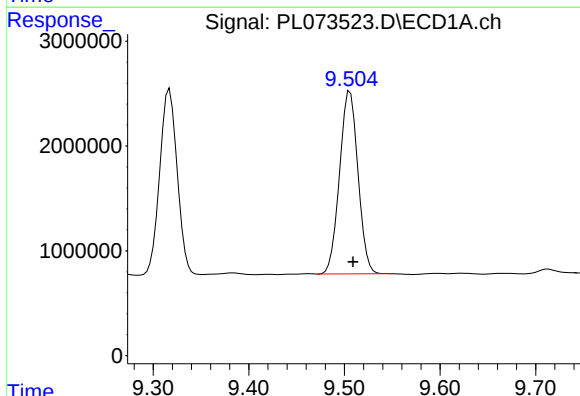
Manual Integrations
APPROVED

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



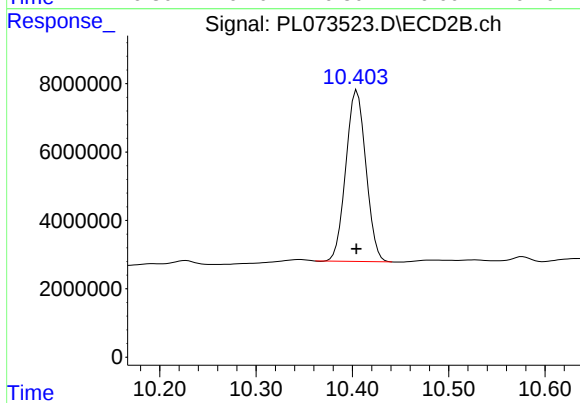
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 75835480
Conc: 45.94 ng/ml



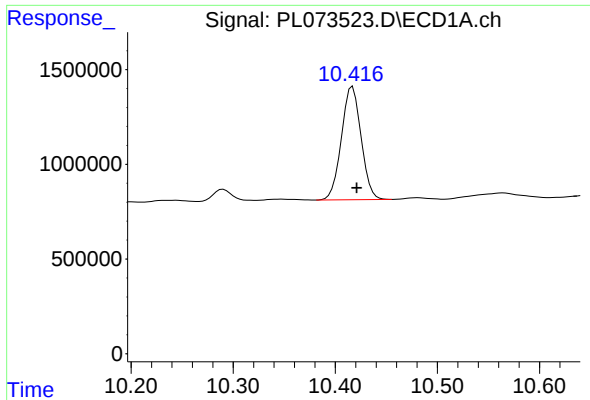
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 23392110
Conc: 49.61 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 72195704
Conc: 53.15 ng/ml



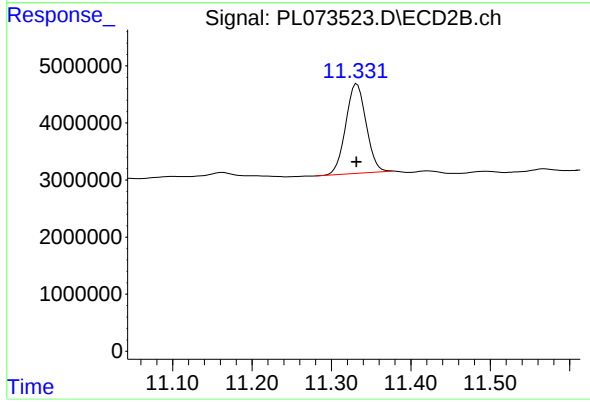
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 8003257
Conc: 15.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 28054533
Conc: 15.69 ng/ml