

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 00:54
 Operator : AR\AJ
 Sample : N2368-03MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 E14ST-EB3-041122-5-10MSD

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 02:21:59 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...	4.637	5.490	6690761	36206269	20.707	20.307
28)	SA Decachlor...	10.410	11.334	7163177	26216961	13.775	14.843
Target Compounds							
2)	A alpha-BHC	5.345	6.054	23917843	150.1E6	56.993	59.598
3)	MA gamma-BHC...	5.769	6.443	23414992	137.6E6	55.830	58.113
4)	MA Heptachlor	6.180	7.102	23709176	138.0E6	52.633	52.900
5)	MB Aldrin	6.506	7.469	23799108	136.2E6	57.340	58.009m
6)	B beta-BHC	6.150	6.680	11171891	59783892	54.676	53.046
7)	B delta-BHC	6.411	6.947	23663806	137.9E6	57.204	56.477
8)	B Heptachlo...	7.082	7.927	23679179	118.5E6	55.204	52.610
9)	A Endosulfan I	7.485	8.327	22814376	108.9E6	55.628	55.293
10)	B gamma-Chl...	7.360	8.195	24238582	120.4E6	55.265	53.996
11)	B alpha-Chl...	7.430	8.277	24249263	116.1E6	54.891	53.948
12)	B 4,4'-DDE	7.643	8.462	20874310	109.0E6	57.218	54.726
13)	MA Dieldrin	7.772	8.612	23647069	111.0E6	55.048	55.351
14)	MA Endrin	8.063	8.847	23049104	95932624	56.738	56.642
15)	B Endosulfa...	8.373	9.071	22845168	85430869	55.428	49.176
16)	A 4,4'-DDD	8.229	8.988	19009984	86334062	58.868	56.112m
17)	MA 4,4'-DDT	8.490	9.308	17197519	71832553	46.525	40.522
18)	B Endrin al...	8.562	9.203	18553447	69751473	57.343	54.003
19)	B Endosulfa...	8.793	9.441	22926944	77178685	53.690	46.372
20)	A Methoxychlor	9.085	9.788	12460566	44887004	50.190	46.668
21)	B Endrin ke...	9.312	9.929	25914408	83860448	53.043	48.448
22)	Mirex	9.499	10.406	23136256	64721551	49.606	46.988

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
Data File : PL074085.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2022 00:54
Operator : AR\AJ
Sample : N2368-03MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

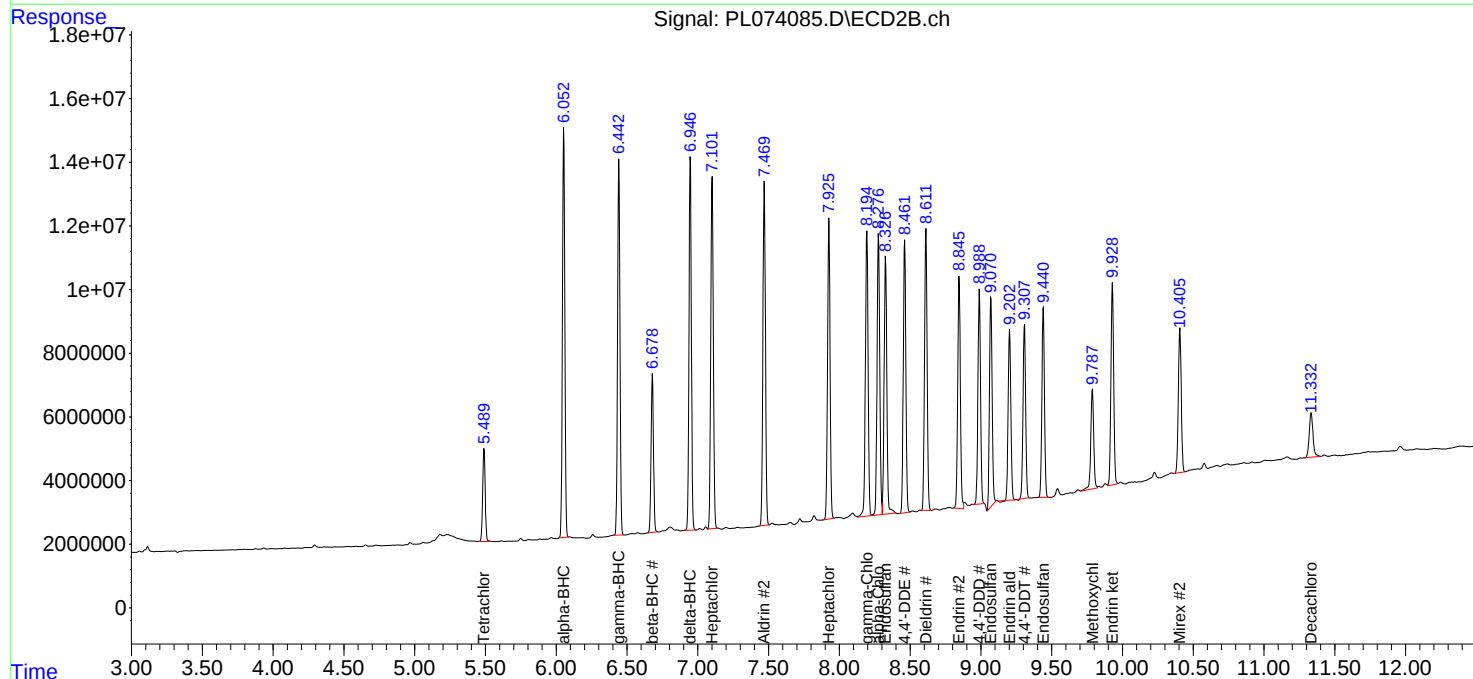
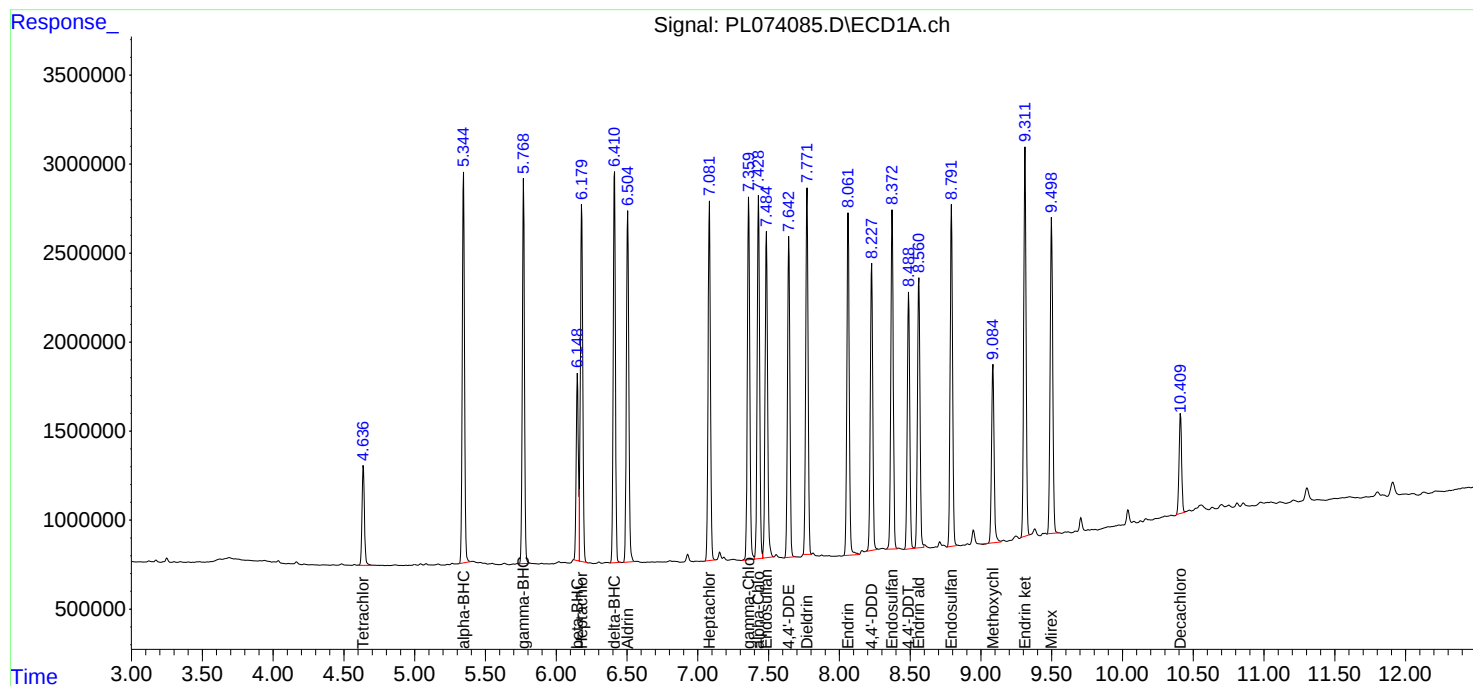
Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

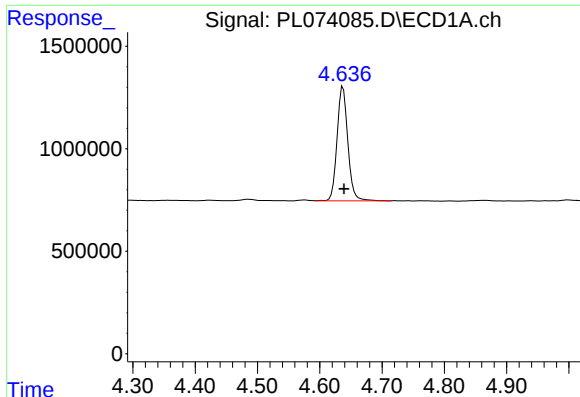
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 02:21:59 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





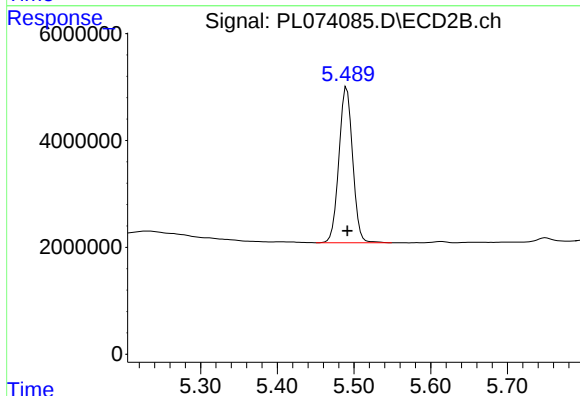
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 6690761
Conc: 20.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

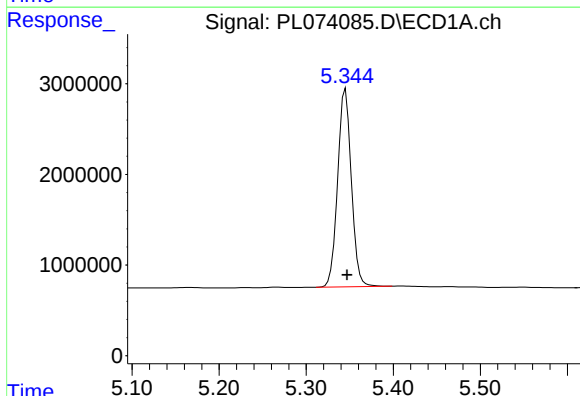
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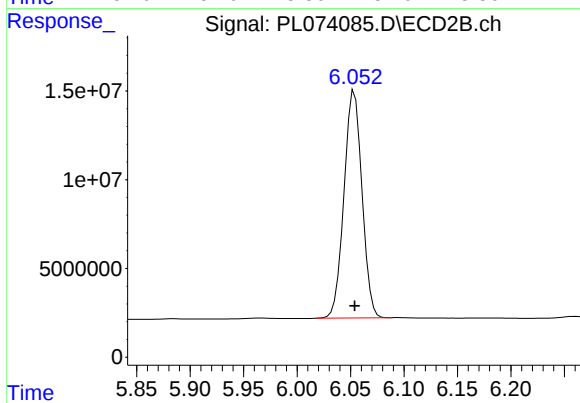
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 36206269
Conc: 20.31 ng/ml



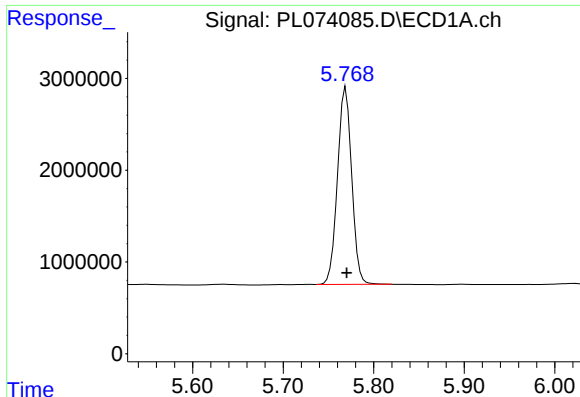
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 23917843
Conc: 56.99 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 150073521
Conc: 59.60 ng/ml



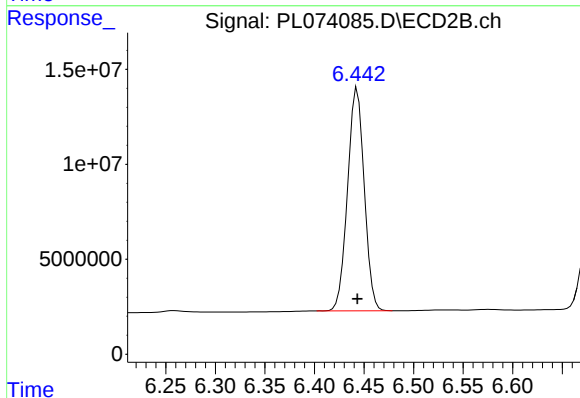
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 23414992
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

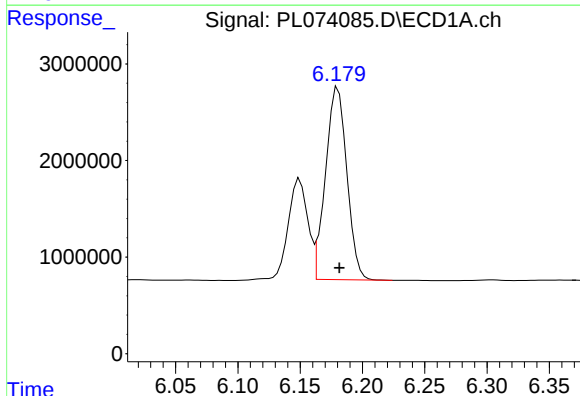
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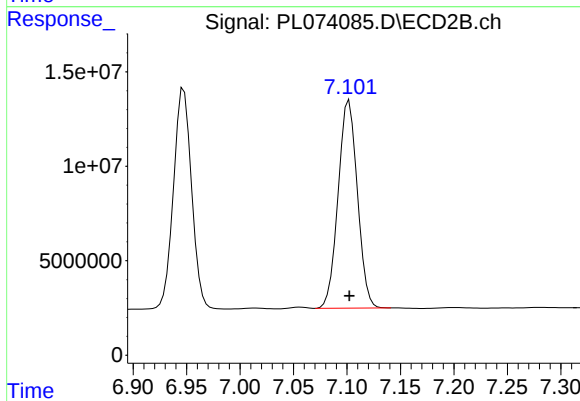
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 137560333
Conc: 58.11 ng/ml



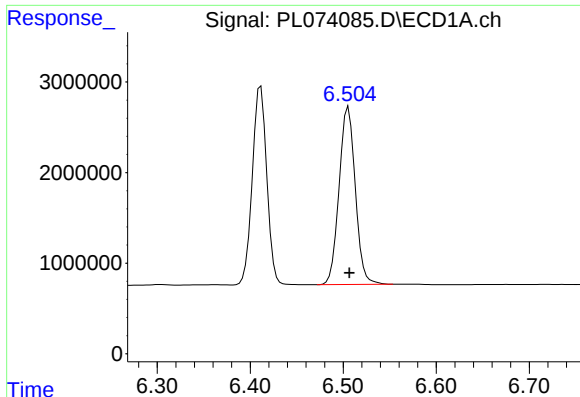
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 23709176
Conc: 52.63 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 137986079
Conc: 52.90 ng/ml



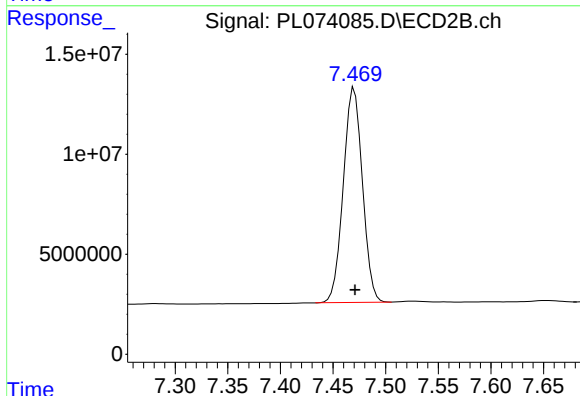
#5 Aldrin

R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 23799108
Conc: 57.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

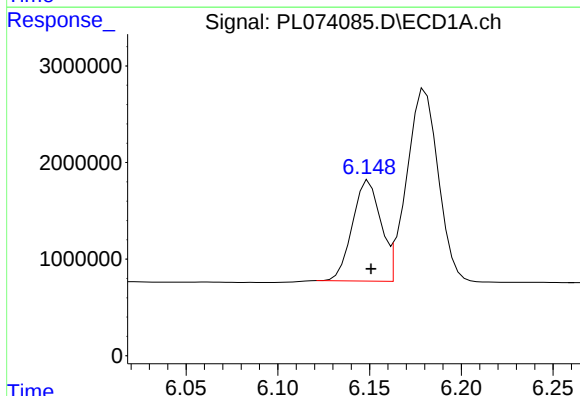
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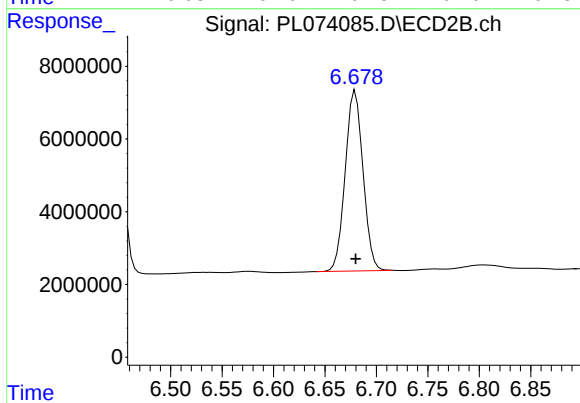
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 136241005
Conc: 58.01 ng/ml m



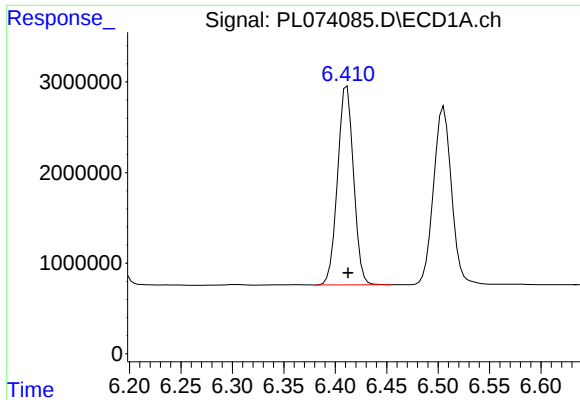
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 11171891
Conc: 54.68 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 59783892
Conc: 53.05 ng/ml



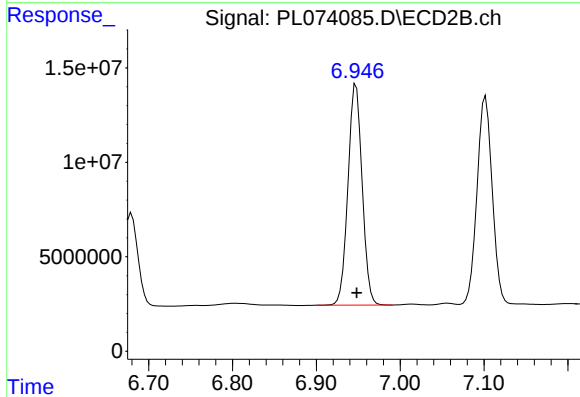
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 23663806
Conc: 57.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

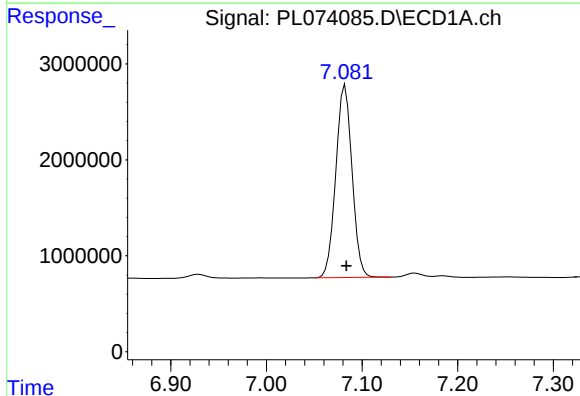
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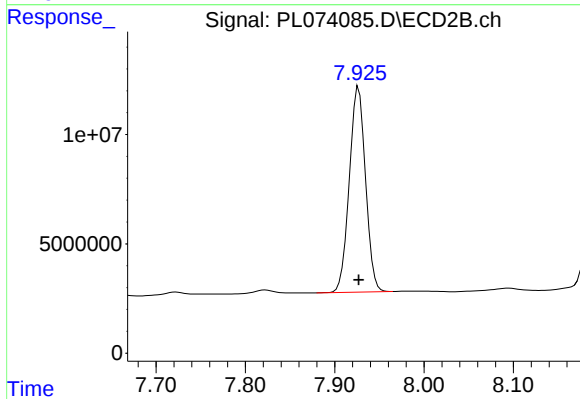
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 137931535
Conc: 56.48 ng/ml



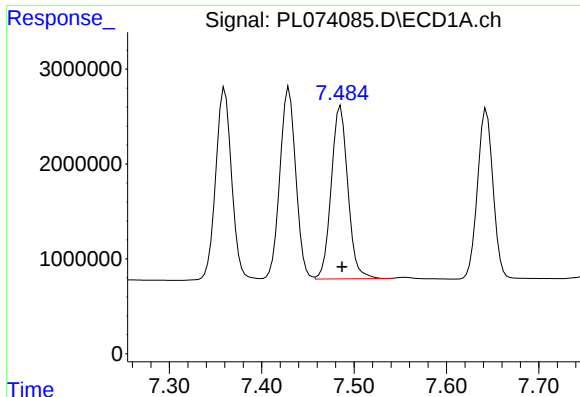
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.001 min
Response: 23679179
Conc: 55.20 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 118454015
Conc: 52.61 ng/ml



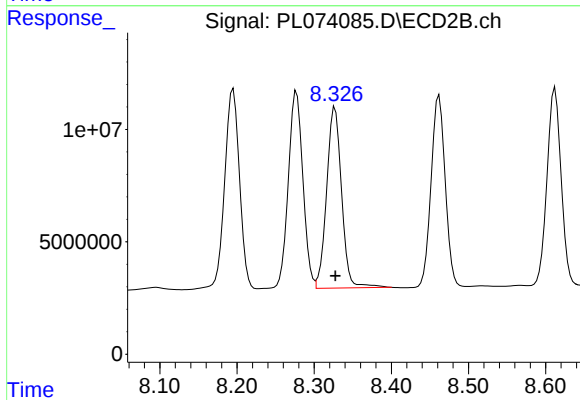
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 22814376
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

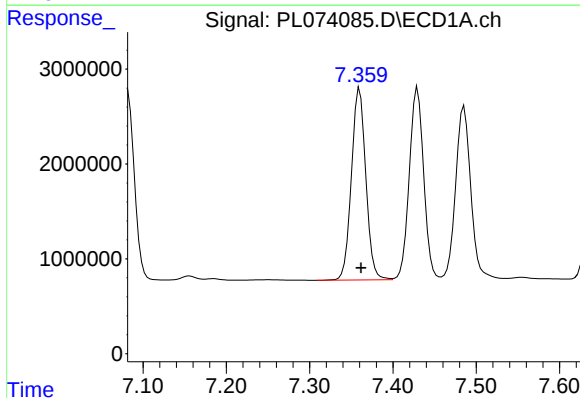
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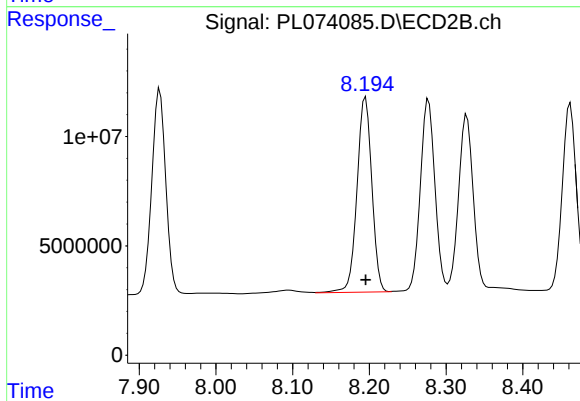
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 108853029
Conc: 55.29 ng/ml



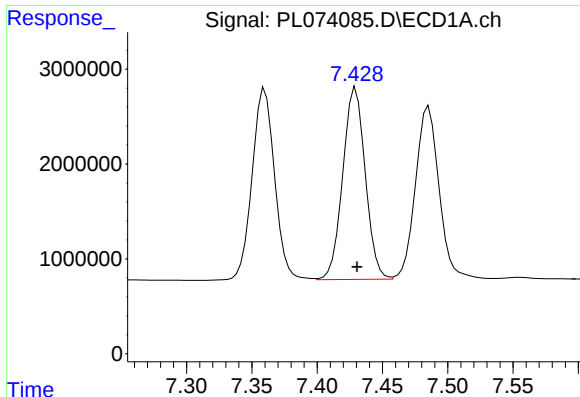
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 24238582
Conc: 55.26 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 120429176
Conc: 54.00 ng/ml



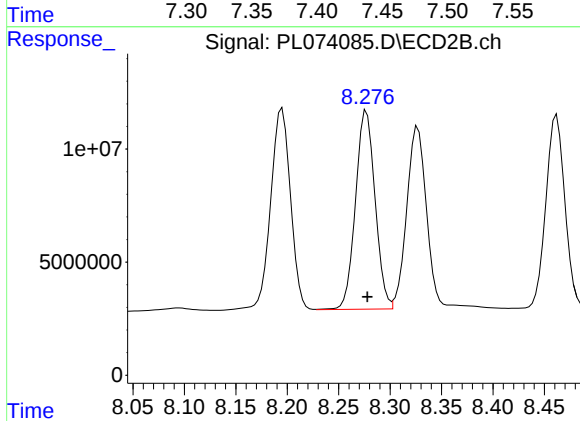
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: -0.001 min
Response: 24249263
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

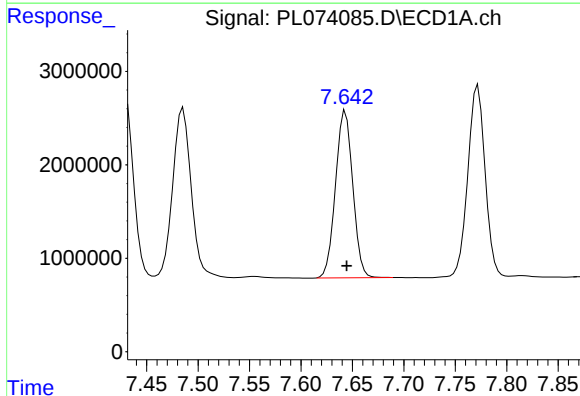
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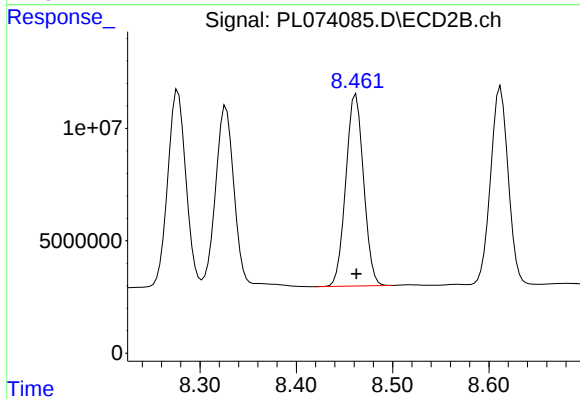
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 116128200
Conc: 53.95 ng/ml



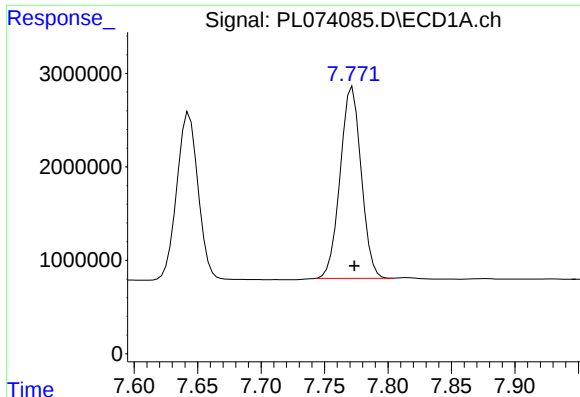
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 20874310
Conc: 57.22 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 108998342
Conc: 54.73 ng/ml



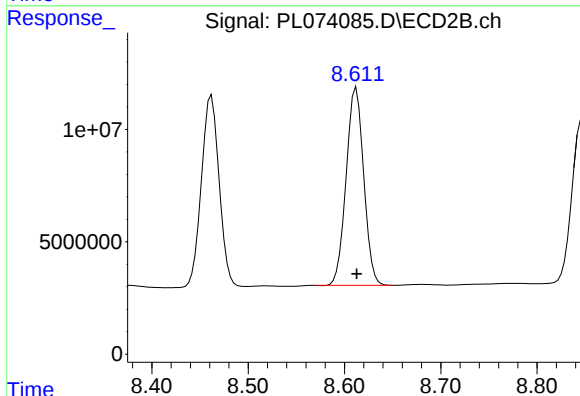
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 23647069
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

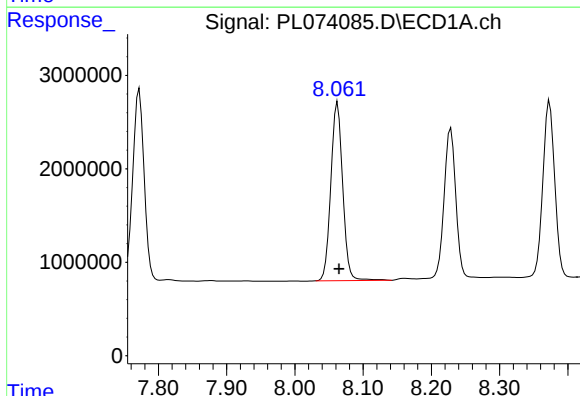
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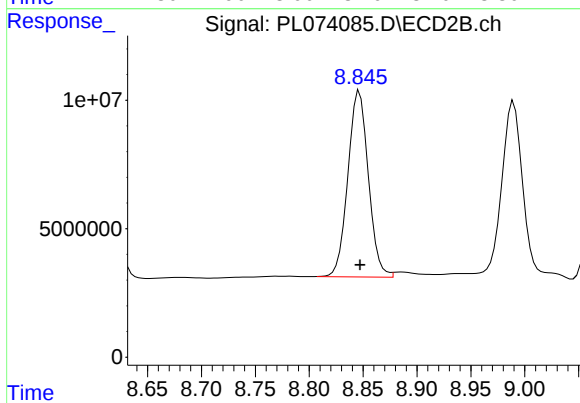
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 110994446
Conc: 55.35 ng/ml



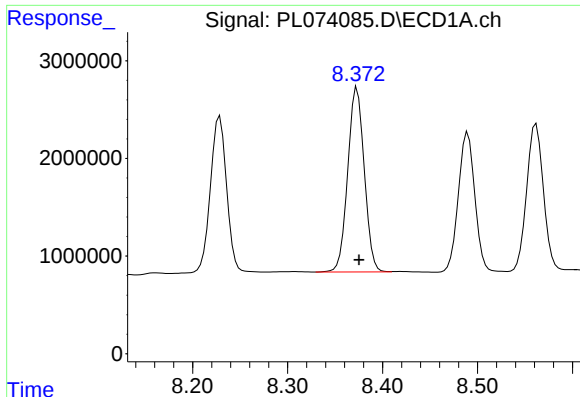
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 23049104
Conc: 56.74 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.000 min
Response: 95932624
Conc: 56.64 ng/ml



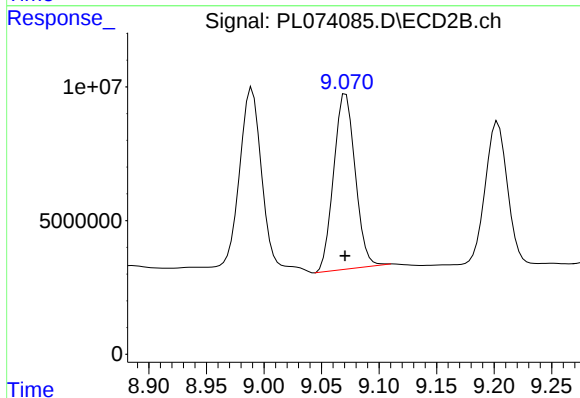
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 22845168
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

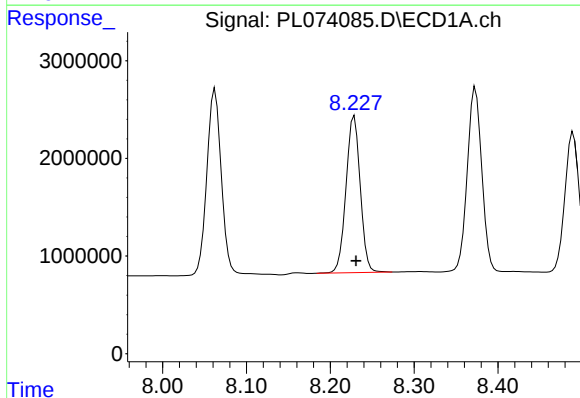
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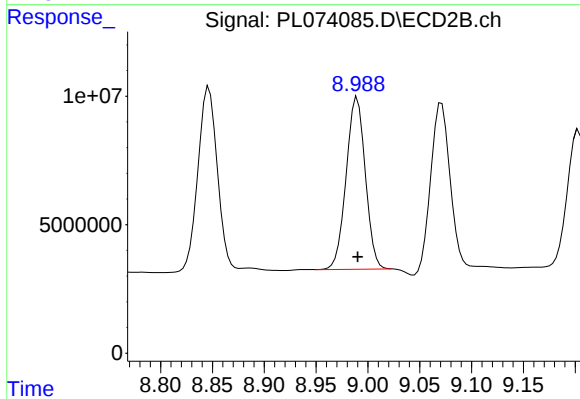
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 85430869
Conc: 49.18 ng/ml



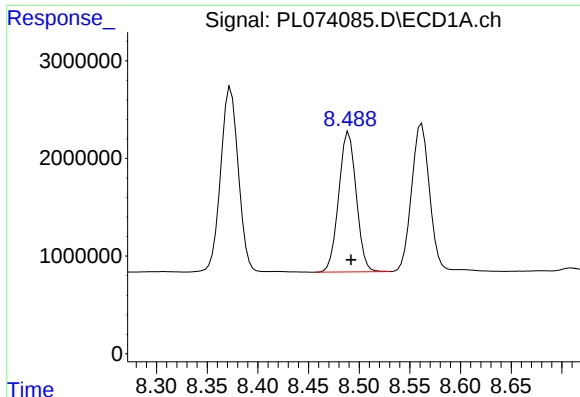
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 19009984
Conc: 58.87 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 86334062
Conc: 56.11 ng/ml m



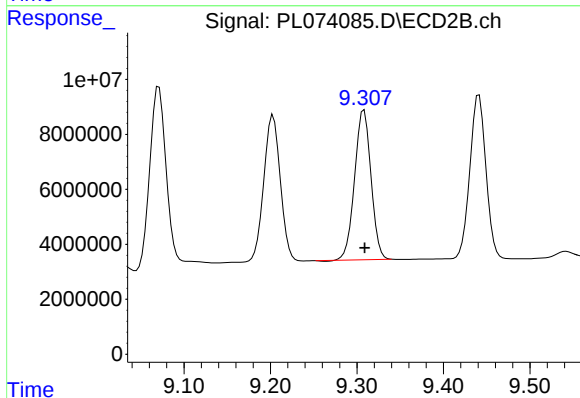
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 17197519
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

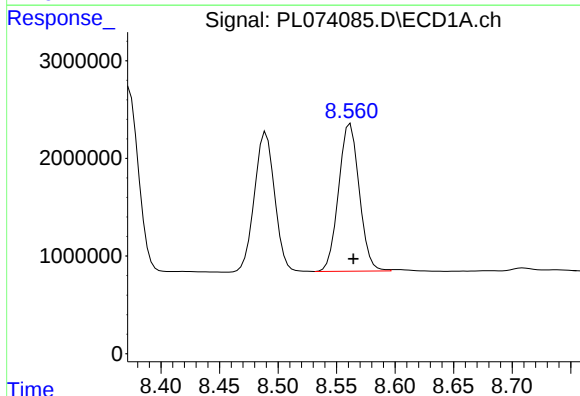
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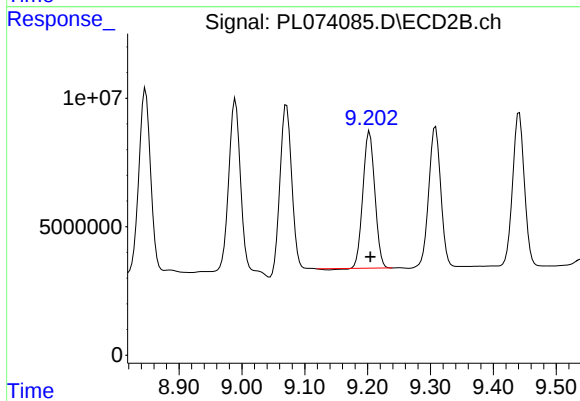
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 71832553
Conc: 40.52 ng/ml



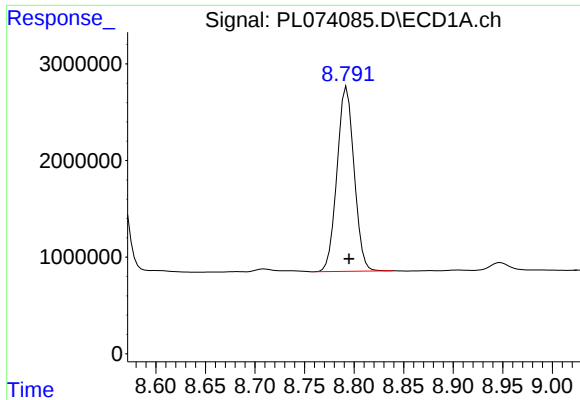
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 18553447
Conc: 57.34 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 69751473
Conc: 54.00 ng/ml



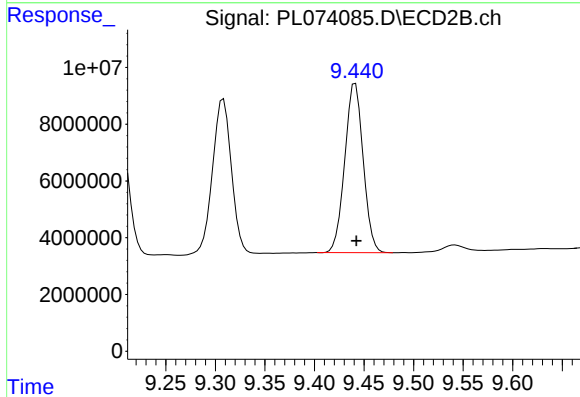
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 22926944
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

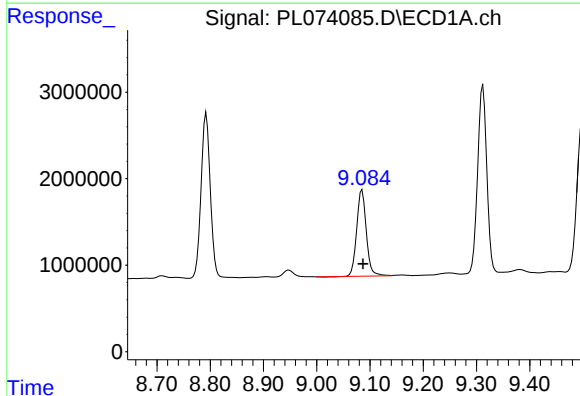
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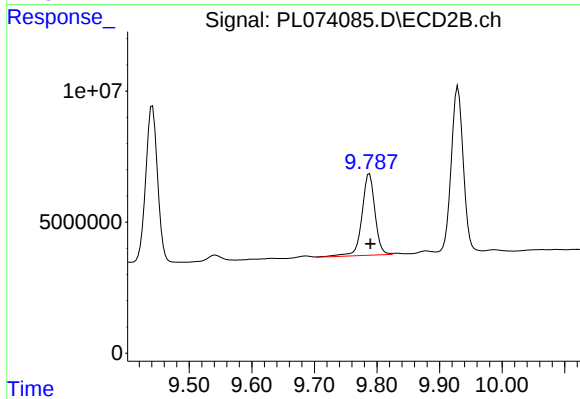
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 77178685
Conc: 46.37 ng/ml



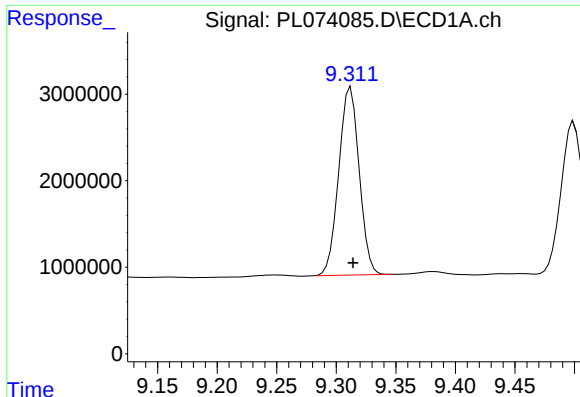
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 12460566
Conc: 50.19 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 44887004
Conc: 46.67 ng/ml



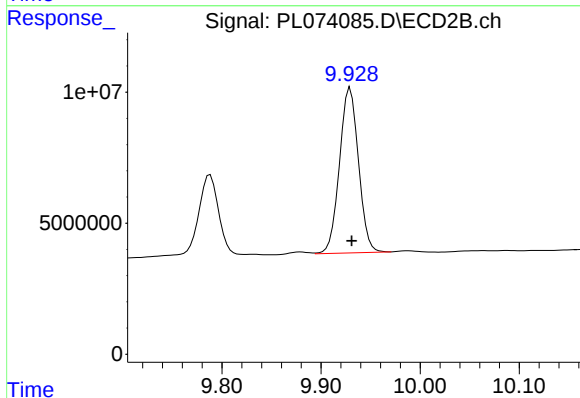
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 25914408
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

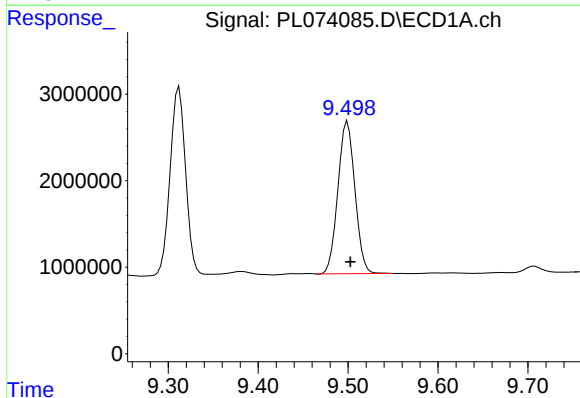
Manual Integrations
APPROVED

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



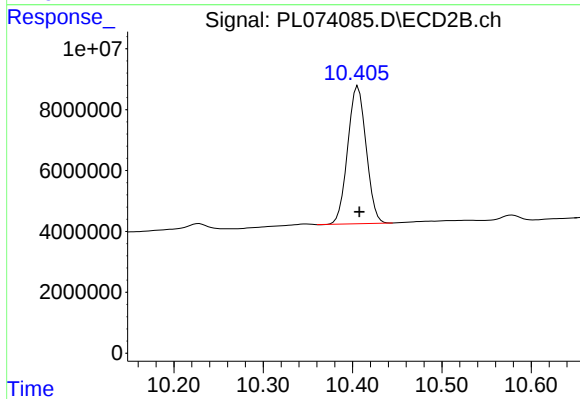
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.001 min
Response: 83860448
Conc: 48.45 ng/ml



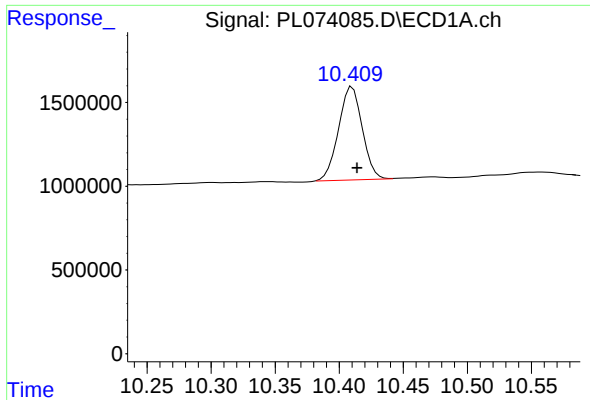
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 23136256
Conc: 49.61 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.001 min
Response: 64721551
Conc: 46.99 ng/ml



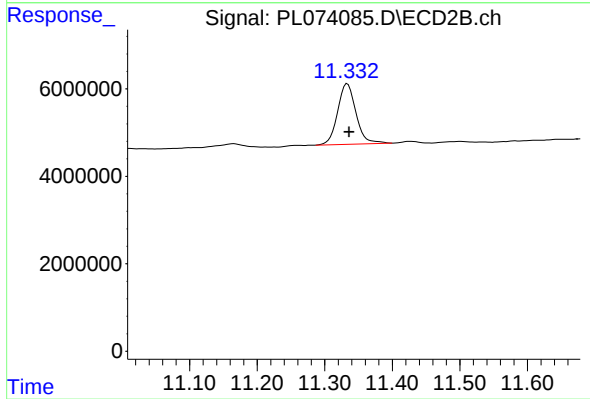
#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 7163177
Conc: 13.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB3-041122-5-10MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 26216961
Conc: 14.84 ng/ml