

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 04:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 04:49:01 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	18230300	102.5E6	56.421	57.473
28) SA Decachlor...	10.409	11.333	25567790	87477034	49.166	49.526
Target Compounds						
2) A alpha-BHC	5.346	6.054	23043902	146.5E6	54.911	58.179
3) MA gamma-BHC...	5.769	6.443	22660530	136.0E6	54.031	57.445
4) MA Heptachlor	6.180	7.102	23331964	141.0E6	51.796	54.064
5) MB Aldrin	6.505	7.469	22837888	138.1E6	55.025	58.805m
6) B beta-BHC	6.149	6.680	11069976	59707259	54.178	52.978
7) B delta-BHC	6.411	6.947	22770106	136.6E6	55.044	55.940
8) B Heptachlo...	7.082	7.926	22747440	123.2E6	53.032	54.730
9) A Endosulfan I	7.484	8.327	21470628	109.8E6	52.352	55.766
10) B gamma-Chl...	7.359	8.193	23099841	122.3E6	52.668	54.855m
11) B alpha-Chl...	7.428	8.277	23306291	120.9E6	52.756	56.162
12) B 4,4'-DDE	7.642	8.462	19826946	112.7E6	54.347	56.607
13) MA Dieldrin	7.771	8.612	23039647	114.7E6	53.634	57.201
14) MA Endrin	8.062	8.846	21971936	97741493	54.087	57.710
15) B Endosulfa...	8.373	9.070	22036551	93513856	53.466	53.829
16) A 4,4'-DDD	8.228	8.989	17984224	88465365	55.691	57.497
17) MA 4,4'-DDT	8.490	9.308	18019270	81184168	48.748	45.798
18) B Endrin al...	8.561	9.203	17954250	71272143	55.491	55.180
19) B Endosulfa...	8.792	9.440	22285991	86972882	52.189	52.257
20) A Methoxychlor	9.084	9.786	12308223	42311598	49.576	43.990m
21) B Endrin ke...	9.311	9.929	25111903	85385959	51.401	49.329
22) Mirex	9.499	10.406	23488011	67240282	50.360	48.817

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 04:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

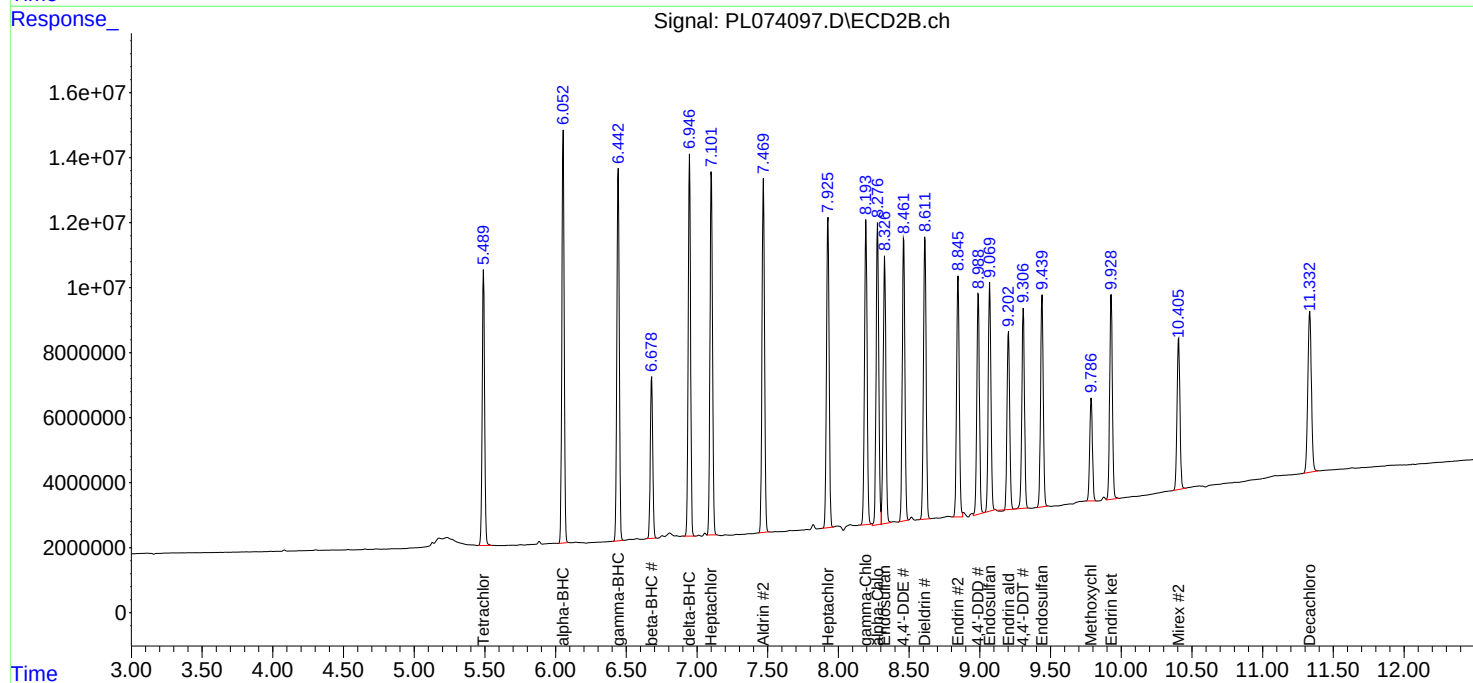
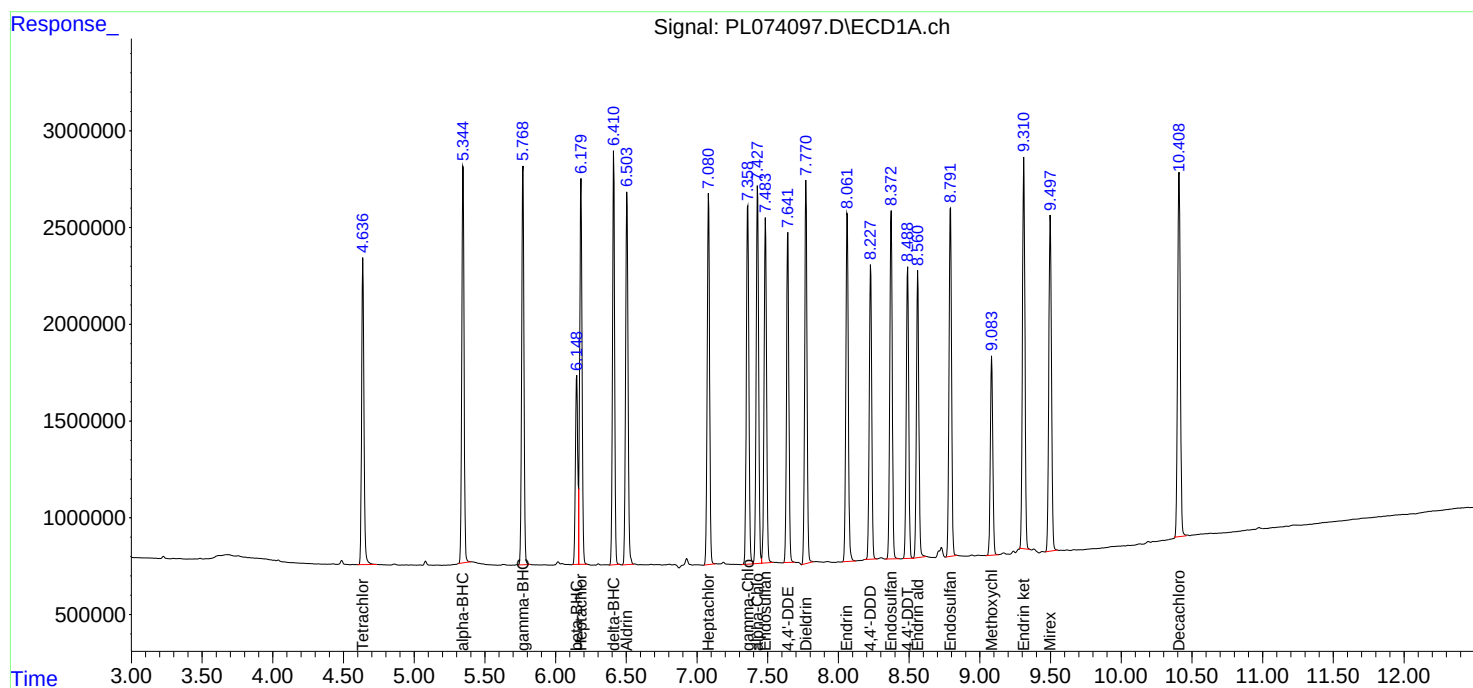
APPROVED

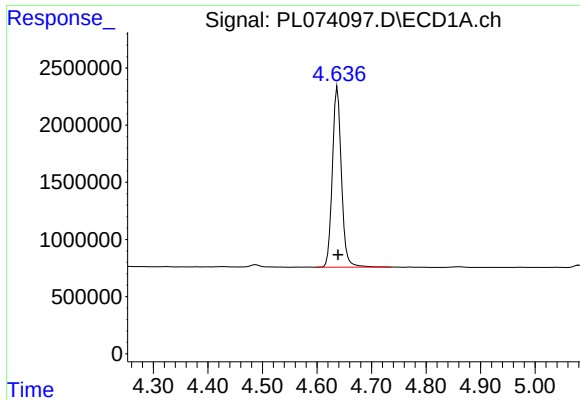
Reviewed By :Abdul Mirza 04/15/2022

Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 04:49:01 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





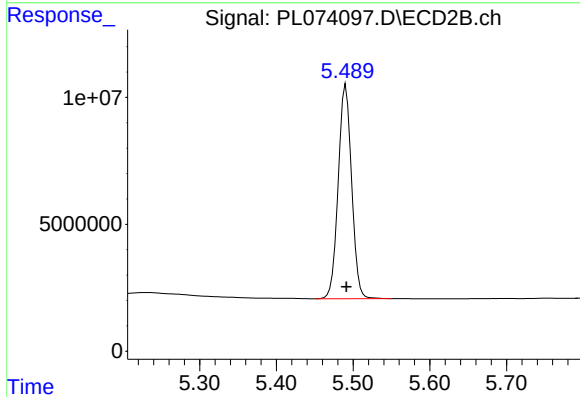
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 18230300
Conc: 56.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

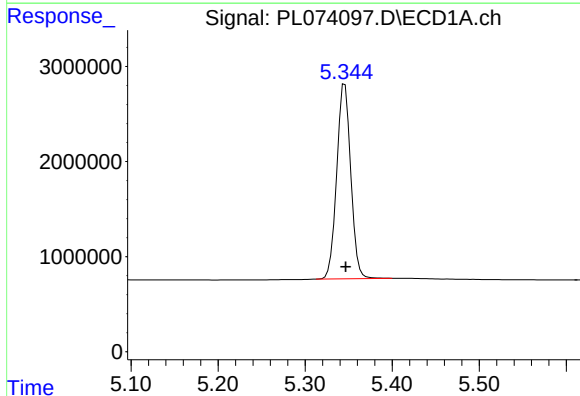
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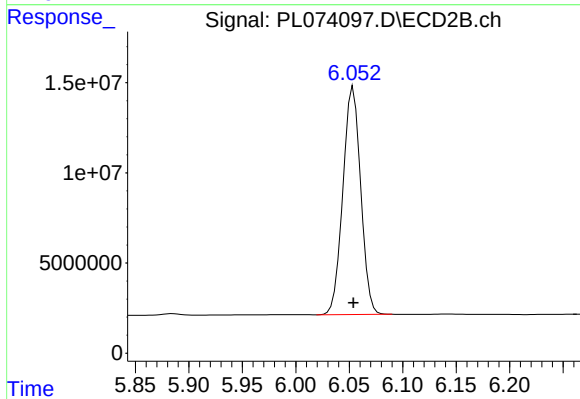
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 102472351
Conc: 57.47 ng/ml



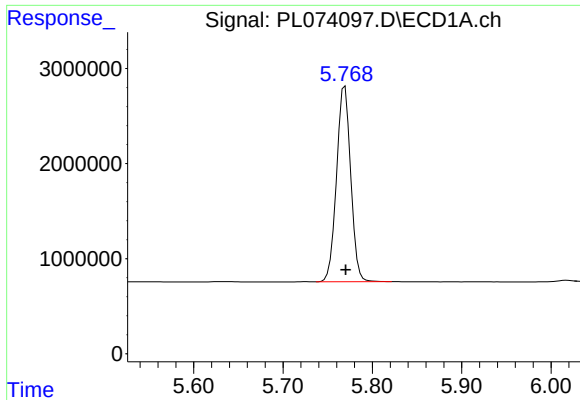
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 23043902
Conc: 54.91 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 146500697
Conc: 58.18 ng/ml



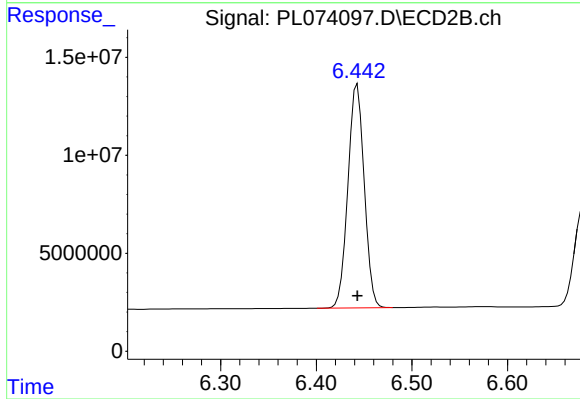
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 22660530
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

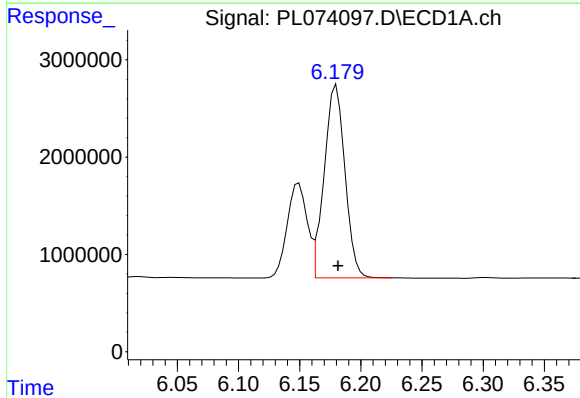
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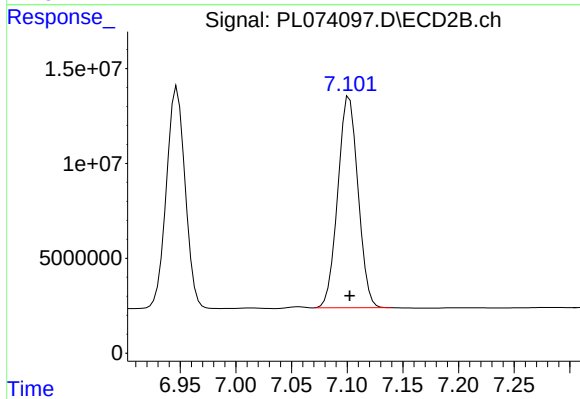
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 135978525
Conc: 57.44 ng/ml



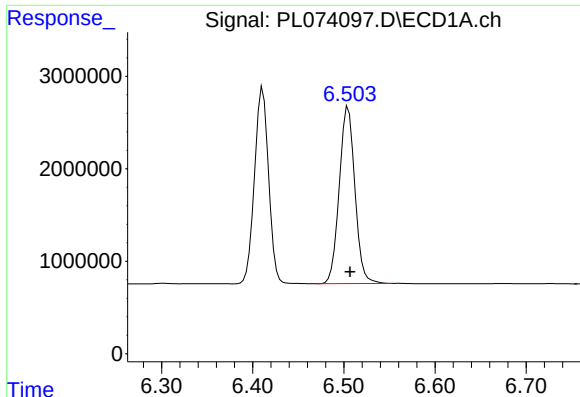
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 23331964
Conc: 51.80 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 141020844
Conc: 54.06 ng/ml



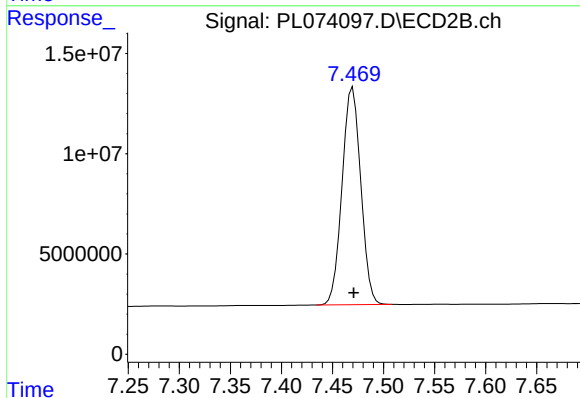
#5 Aldrin

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 22837888
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

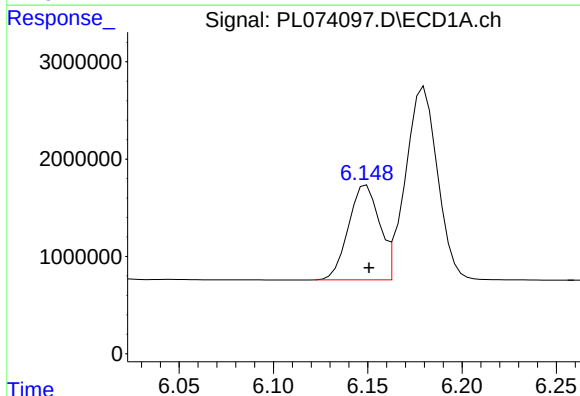
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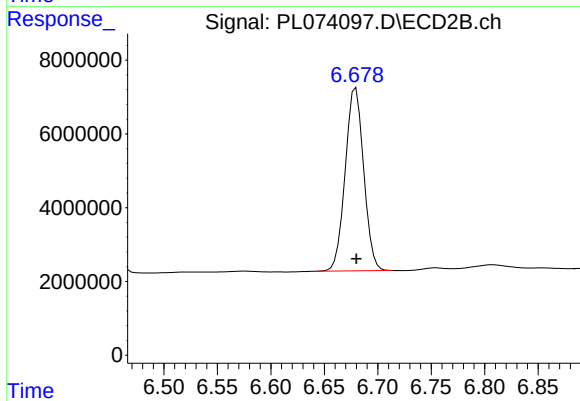
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 138110440
Conc: 58.81 ng/ml m



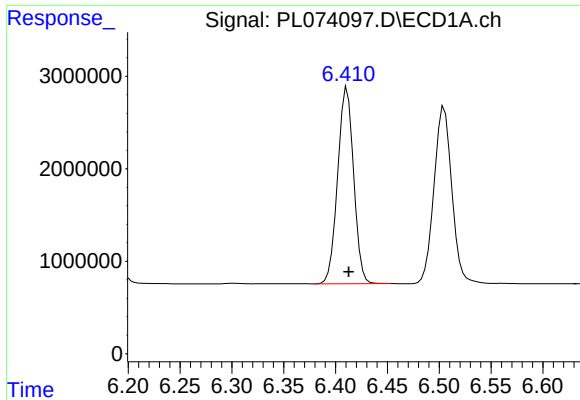
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.001 min
Response: 11069976
Conc: 54.18 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 59707259
Conc: 52.98 ng/ml



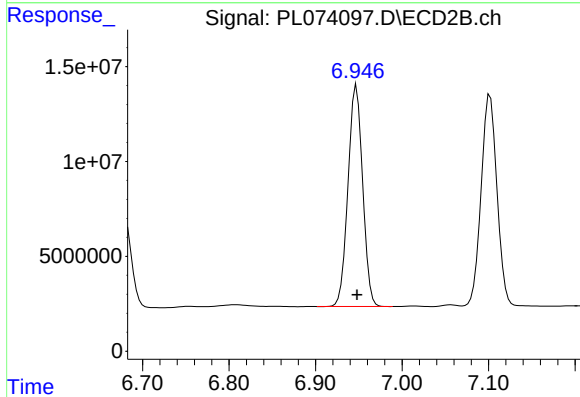
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 22770106
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

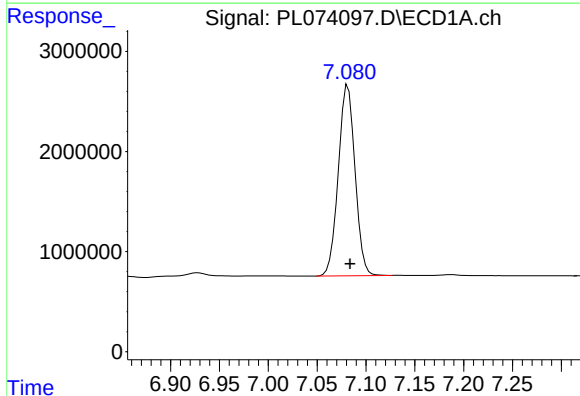
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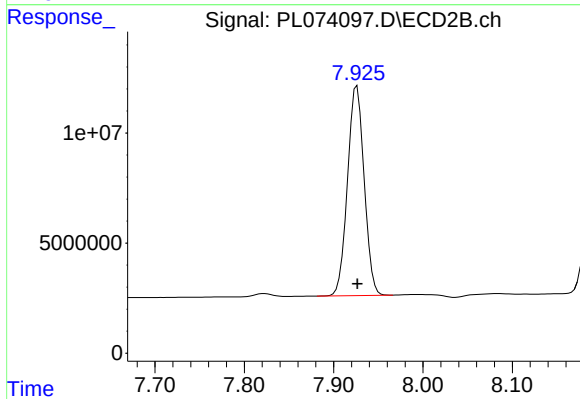
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 136621861
Conc: 55.94 ng/ml



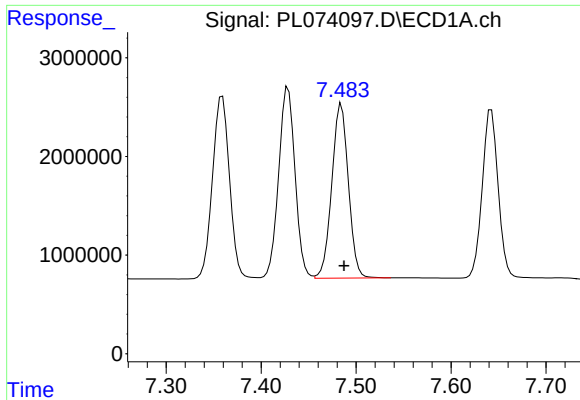
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 22747440
Conc: 53.03 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 123227290
Conc: 54.73 ng/ml



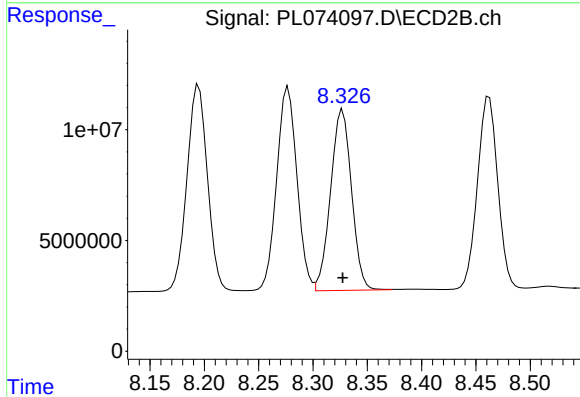
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 21470628
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

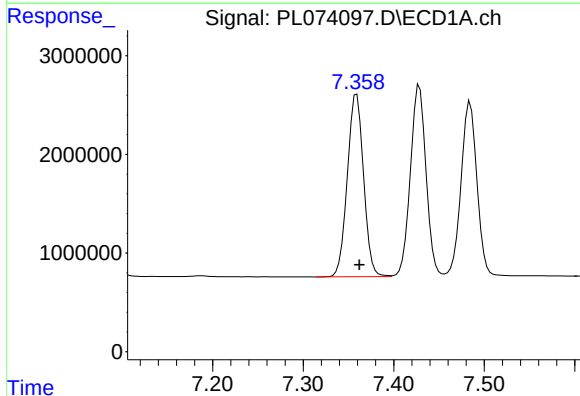
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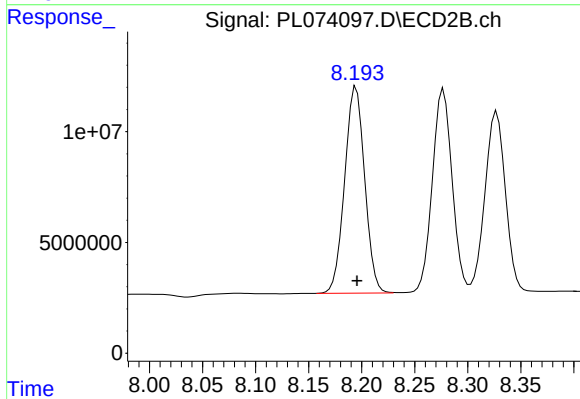
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 109784542
Conc: 55.77 ng/ml



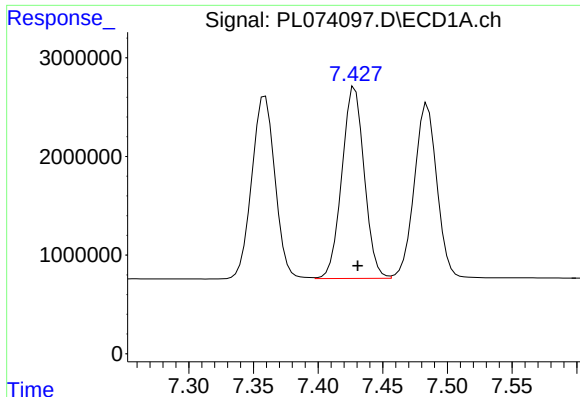
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 23099841
Conc: 52.67 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 122347050
Conc: 54.86 ng/ml m



#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 23306291
Conc: 52.76 ng/ml

Instrument :

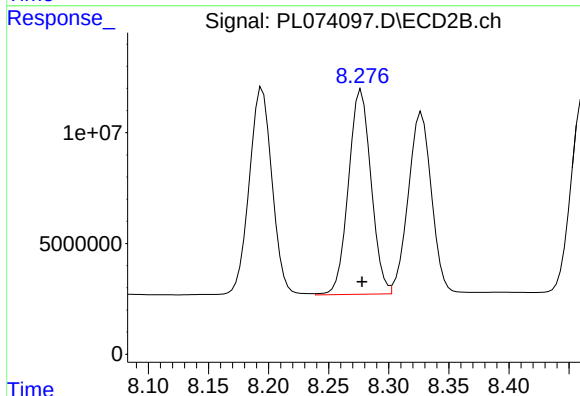
ECD_L

ClientSampleId :

PSTDCCC050

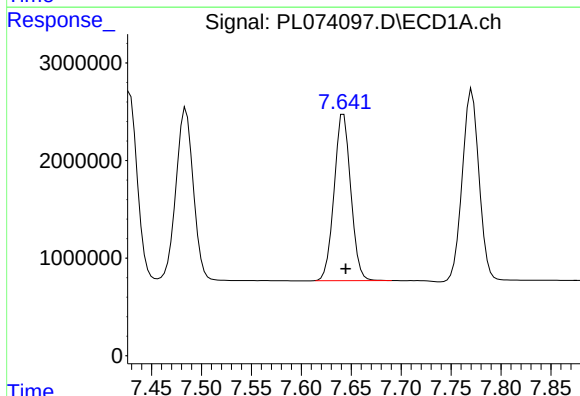
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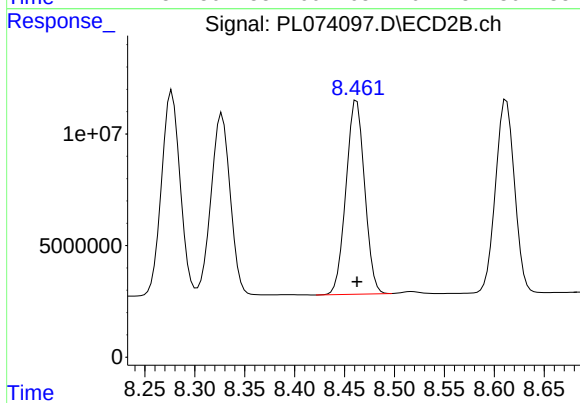
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 120893180
Conc: 56.16 ng/ml



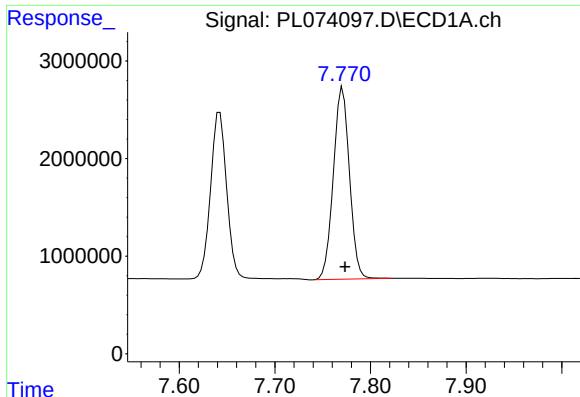
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 19826946
Conc: 54.35 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 112743496
Conc: 56.61 ng/ml



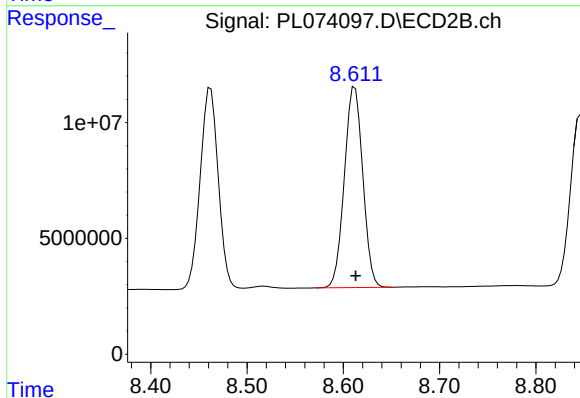
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 23039647
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

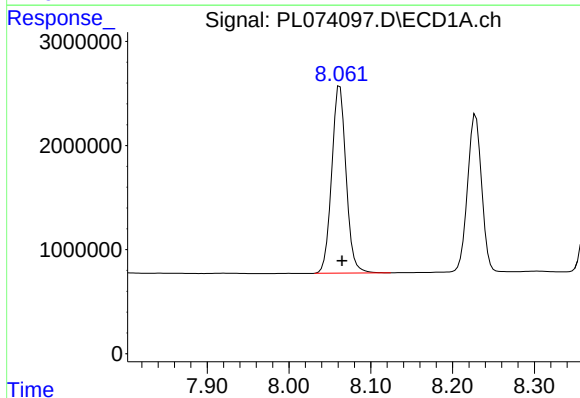
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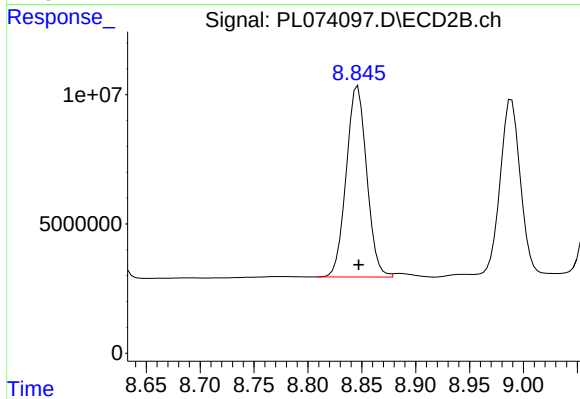
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 114704603
Conc: 57.20 ng/ml



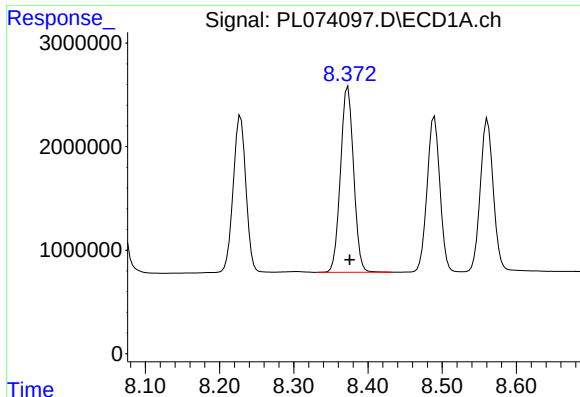
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 21971936
Conc: 54.09 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 97741493
Conc: 57.71 ng/ml



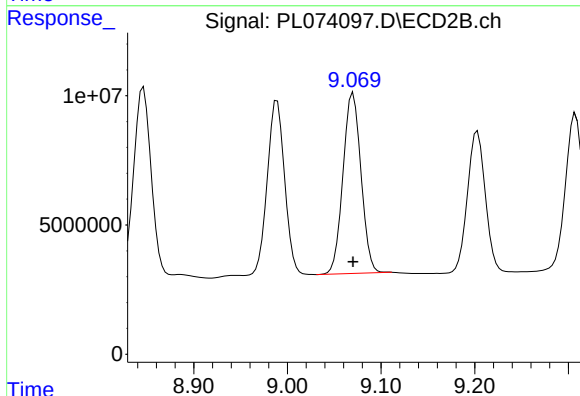
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 22036551
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

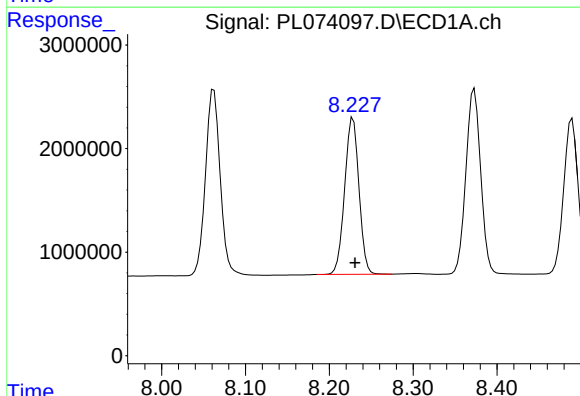
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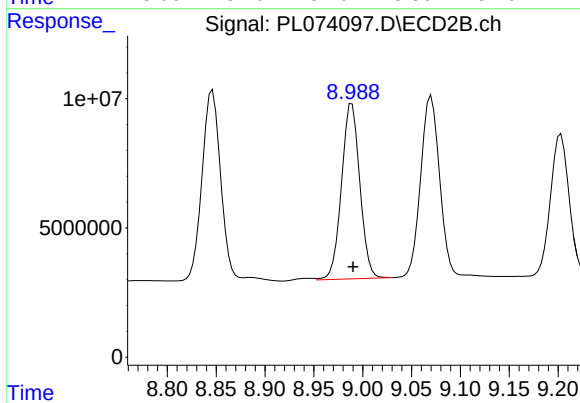
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 93513856
Conc: 53.83 ng/ml



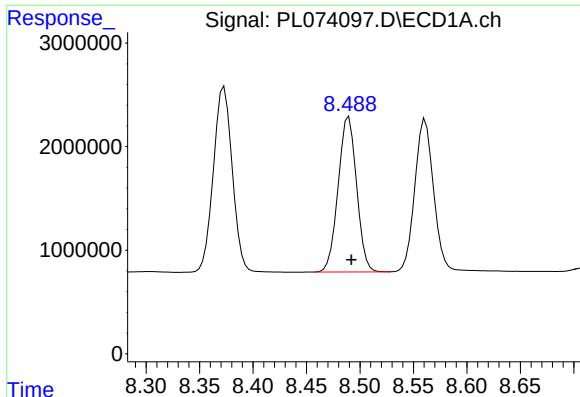
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 17984224
Conc: 55.69 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 88465365
Conc: 57.50 ng/ml



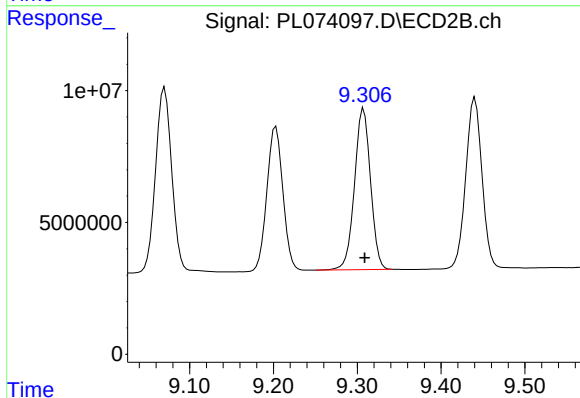
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 18019270
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

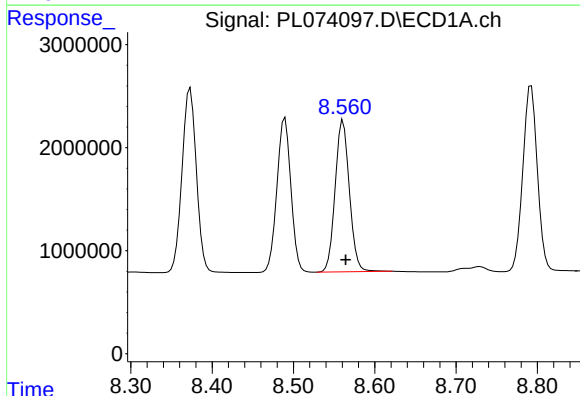
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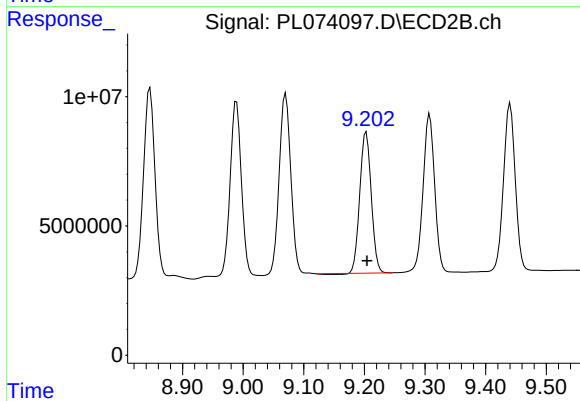
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 81184168
Conc: 45.80 ng/ml



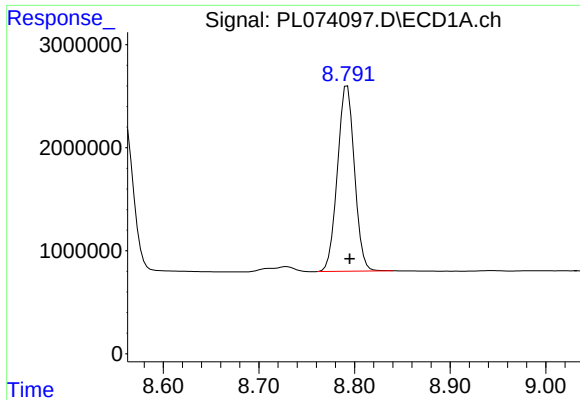
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 17954250
Conc: 55.49 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 71272143
Conc: 55.18 ng/ml



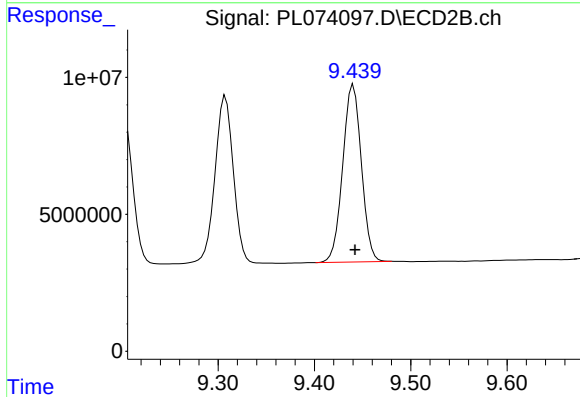
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 22285991
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

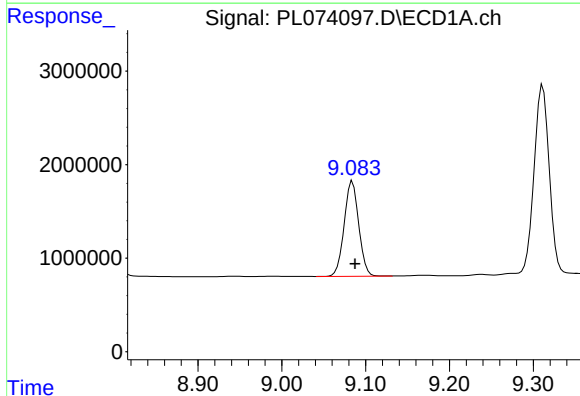
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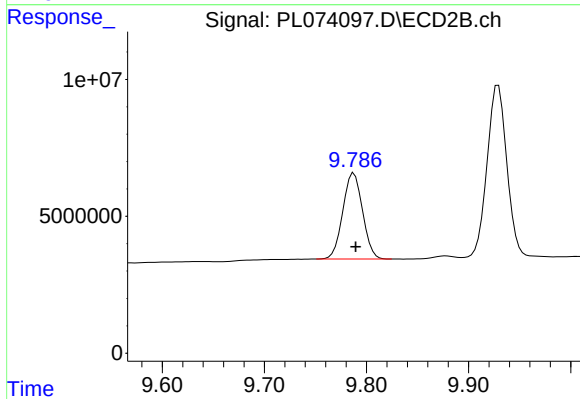
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 86972882
Conc: 52.26 ng/ml



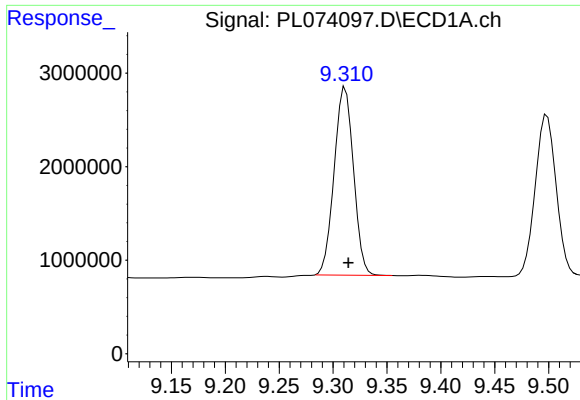
#20 Methoxychlor

R.T.: 9.084 min
Delta R.T.: -0.003 min
Response: 12308223
Conc: 49.58 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 42311598
Conc: 43.99 ng/ml m



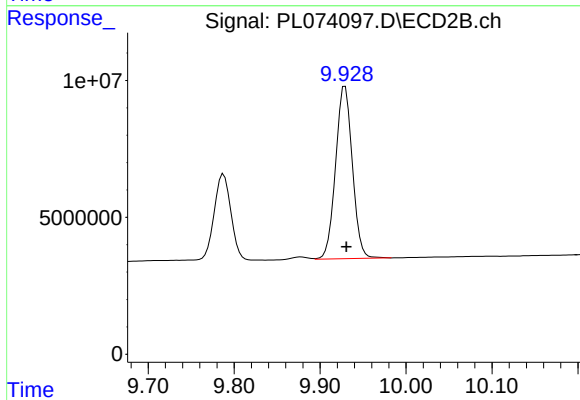
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 25111903
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

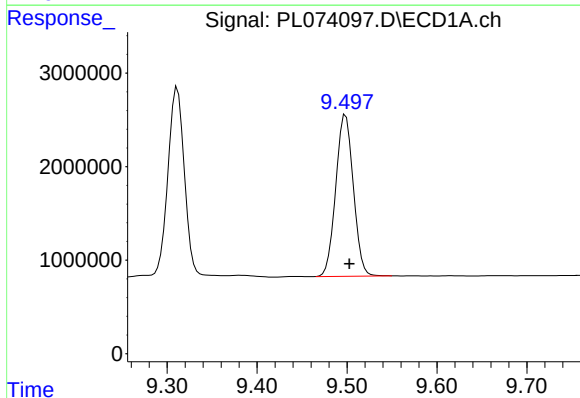
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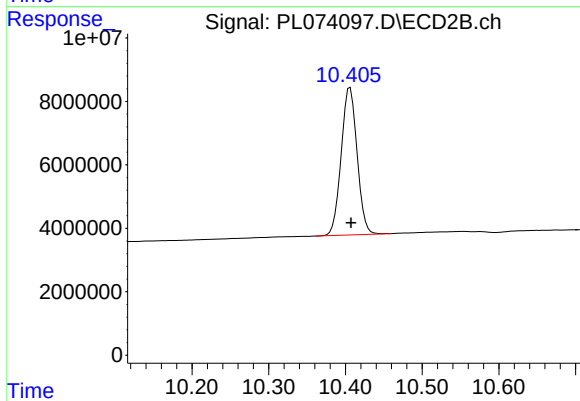
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 85385959
Conc: 49.33 ng/ml



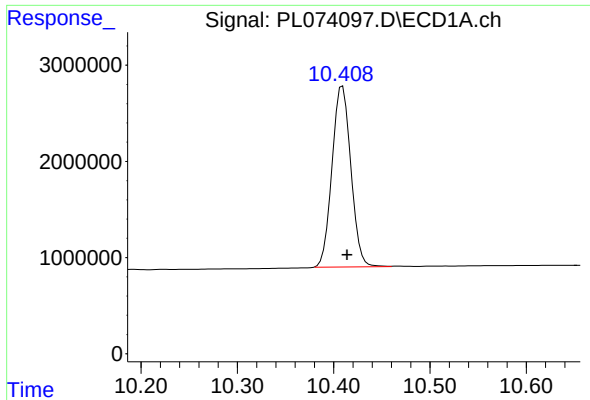
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.004 min
Response: 23488011
Conc: 50.36 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 67240282
Conc: 48.82 ng/ml



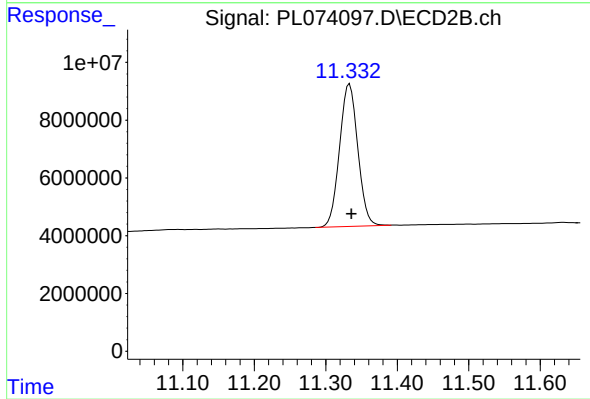
#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.005 min
Response: 25567790
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 87477034
Conc: 49.53 ng/ml