

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050422\
 Data File : PL074514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2022 15:20
 Operator : AR\AJ
 Sample : N2665-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-12,7MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/05/2022
 Supervised By : mohammad ahmed 05/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:25:44 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...	4.633	5.489	6774027	37702283	20.965	21.146
28)	SA Decachlor...	10.401	11.332	10795424	37544761	20.759m	21.256
Target Compounds							
2)	A alpha-BHC	5.341	6.052	24349856	145.2E6	58.023	57.676
3)	MA gamma-BHC...	5.765	6.441	24149517	136.1E6	57.581	57.475
4)	MA Heptachlor	6.175	7.100	25945532	146.5E6	57.598	56.149
5)	MB Aldrin	6.500	7.469	25262694	144.2E6	60.867	61.397
6)	B beta-BHC	6.145	6.679	11369390	59903439	55.643	53.152
7)	B delta-BHC	6.406	6.946	22209772	125.6E6	53.689	51.440
8)	B Heptachlo...	7.077	7.925	25211164	129.7E6	58.776	57.586
9)	A Endosulfan I	7.479	8.325	23965239	118.2E6	58.435	60.052
10)	B gamma-Chl...	7.354	8.193	25923506	131.7E6	59.107	59.060
11)	B alpha-Chl...	7.424	8.276	26078038	129.1E6	59.030	59.957
12)	B 4,4'-DDE	7.637	8.460	21946382	124.2E6	60.157	62.363
13)	MA Dieldrin	7.764	8.611	25809480	125.5E6	60.082m	62.577
14)	MA Endrin	8.057	8.845	23779703	105.3E6	58.537	62.167
15)	B Endosulfa...	8.368	9.069	24900054	102.8E6	60.414	59.184
16)	A 4,4'-DDD	8.223	8.988	19062098	93743178	59.029	60.928
17)	MA 4,4'-DDT	8.484	9.307	20547494	96451720	55.588	54.411
18)	B Endrin al...	8.556	9.201	19427409	80305839	60.044	62.174m
19)	B Endosulfa...	8.787	9.440	23949322	95993442	56.085	57.677
20)	A Methoxychlor	9.079	9.787	13041529	49686492	52.530	51.657
21)	B Endrin ke...	9.305	9.928	28637500	104.6E6	58.617m	60.424
22)	Mirex	9.493	10.405	24895972	76087599	53.379	55.240

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

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 Operator : AR\AJ
 Sample : N2665-01MS
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 ALS Vial : 10 Sample Multiplier: 1

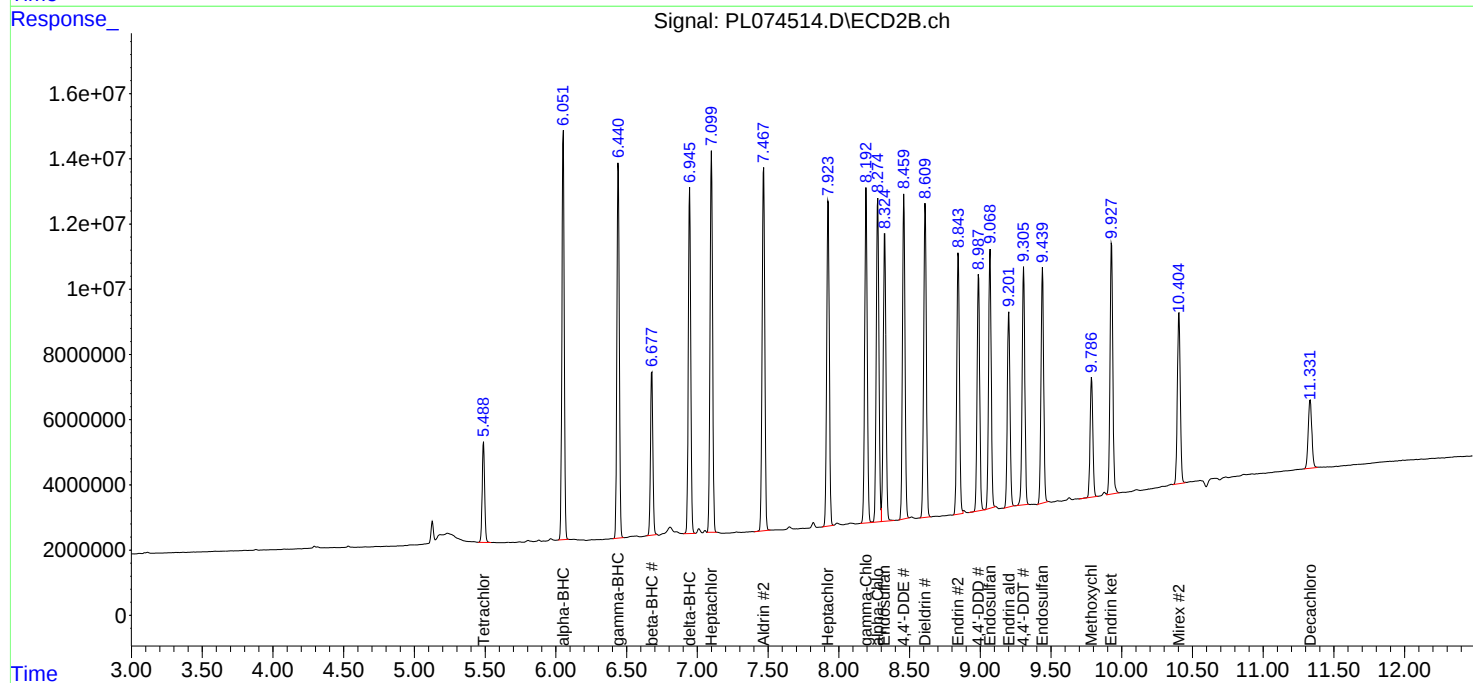
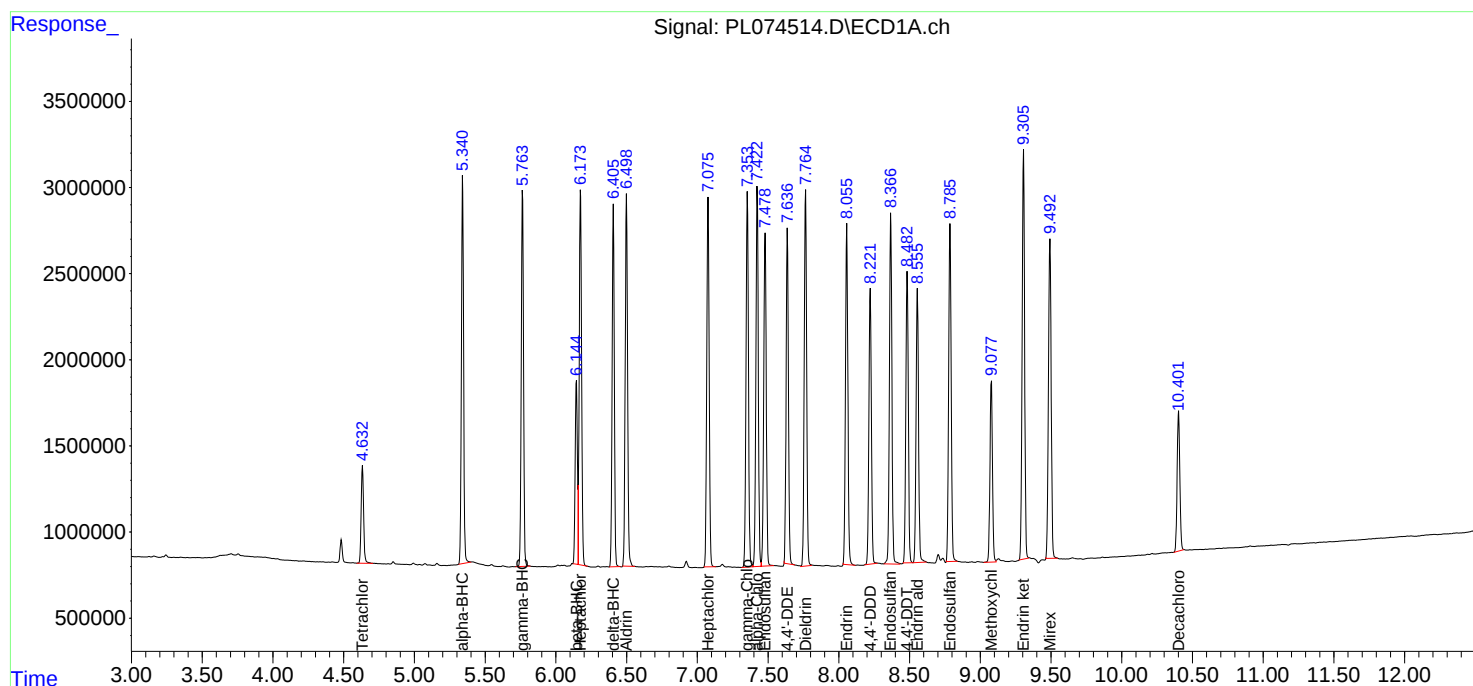
Instrument :
 ECD_L
 ClientSampleId :
 SB-12,7MS

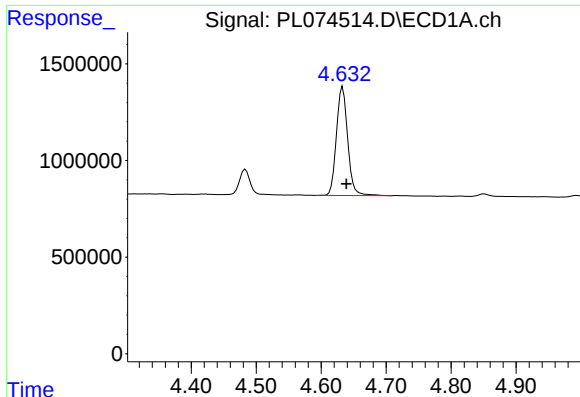
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 05/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 23:25:44 2022
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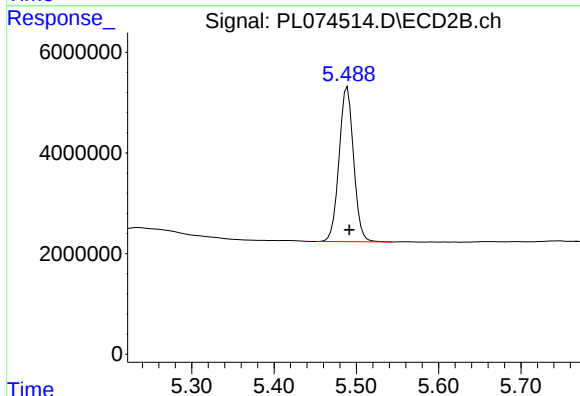
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 6774027
Conc: 20.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

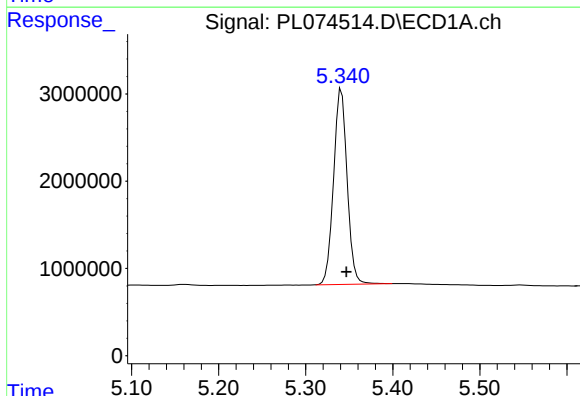
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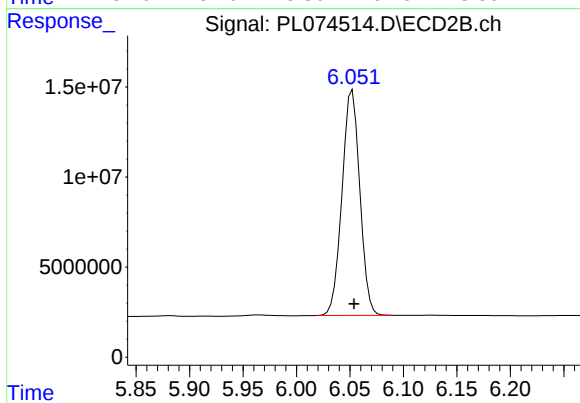
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 37702283
Conc: 21.15 ng/ml



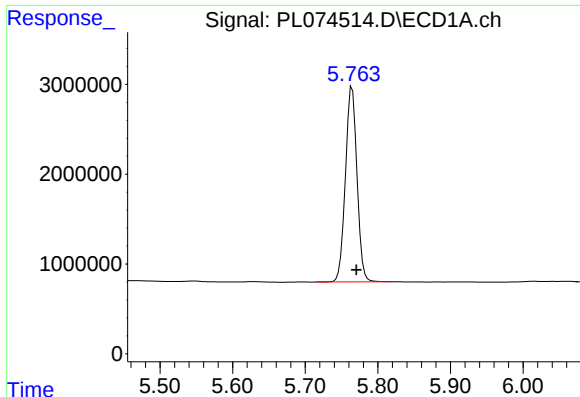
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 24349856
Conc: 58.02 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 145233502
Conc: 57.68 ng/ml



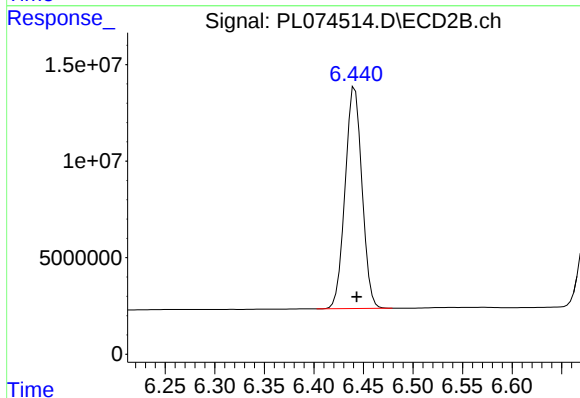
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 24149517
Conc: 57.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

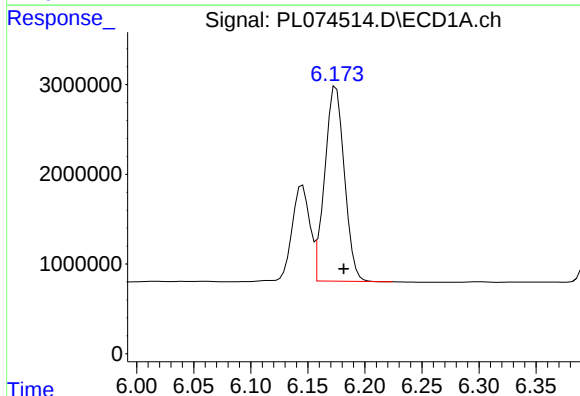
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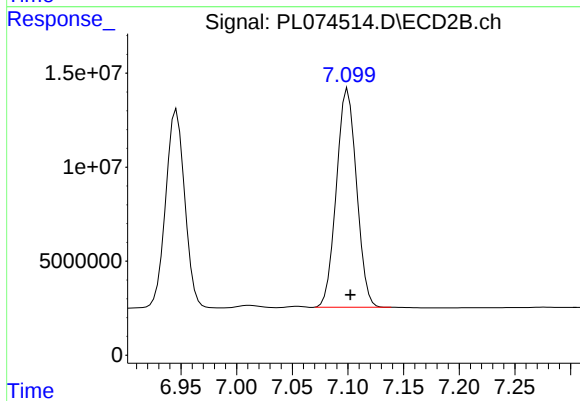
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 136051023
Conc: 57.48 ng/ml



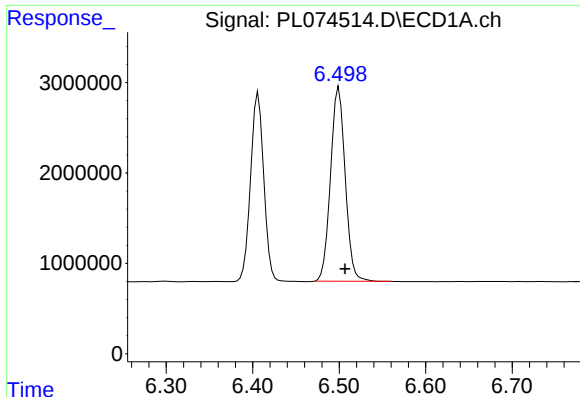
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.007 min
Response: 25945532
Conc: 57.60 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 146460376
Conc: 56.15 ng/ml



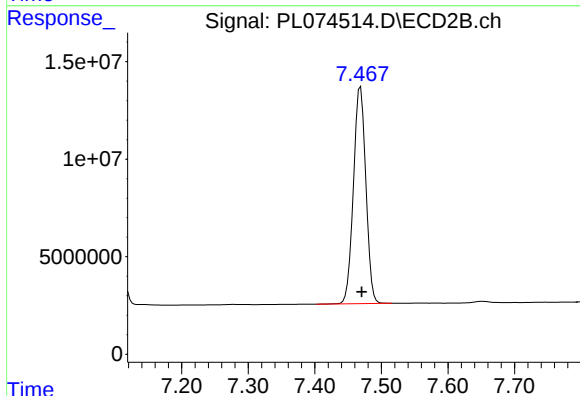
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 25262694
Conc: 60.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

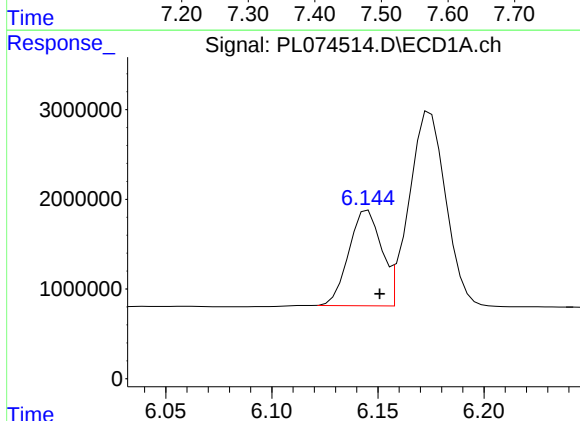
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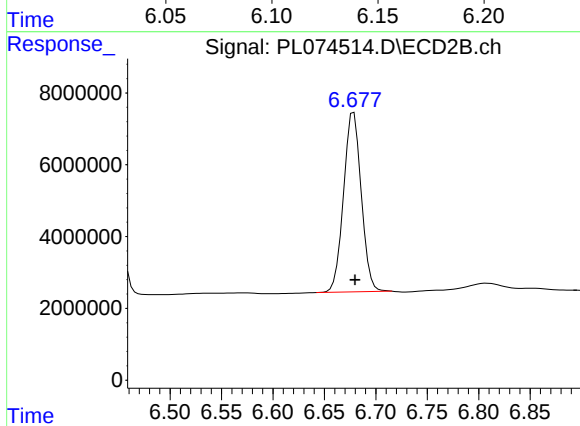
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 144196767
Conc: 61.40 ng/ml



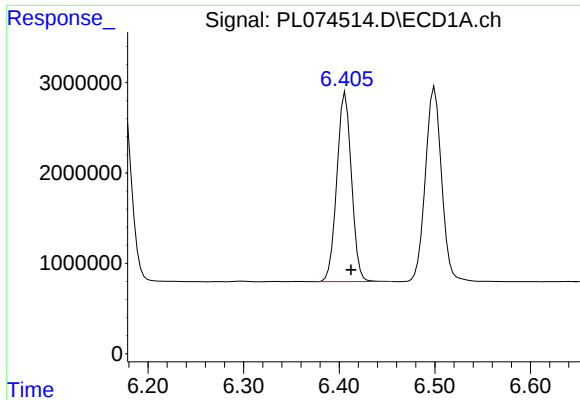
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.005 min
Response: 11369390
Conc: 55.64 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 59903439
Conc: 53.15 ng/ml



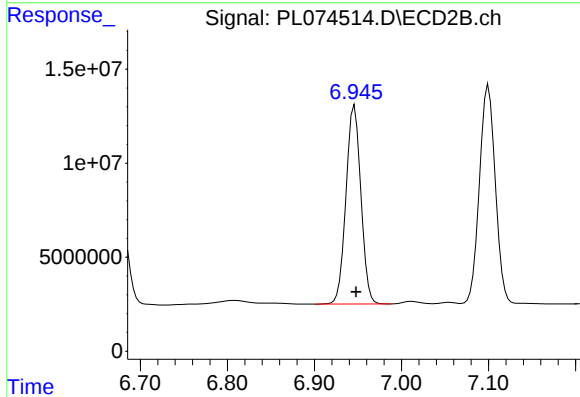
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 22209772
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

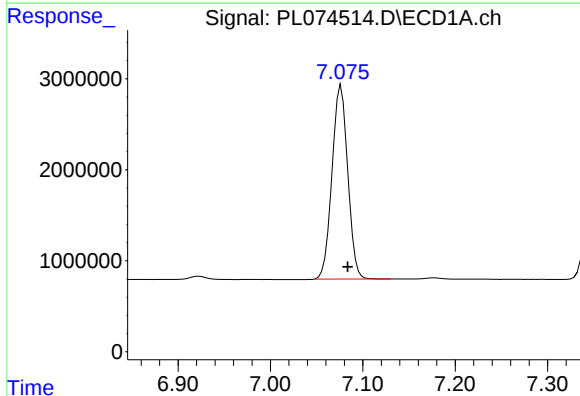
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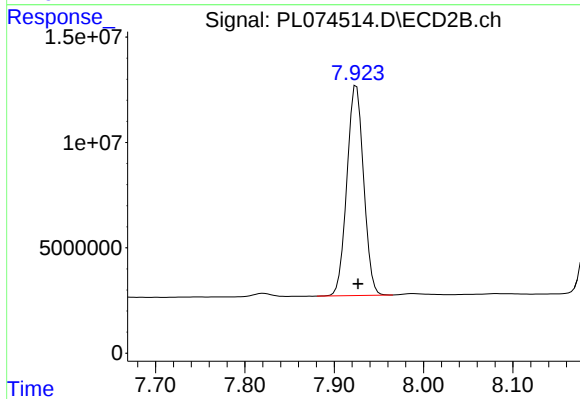
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 125631369
Conc: 51.44 ng/ml



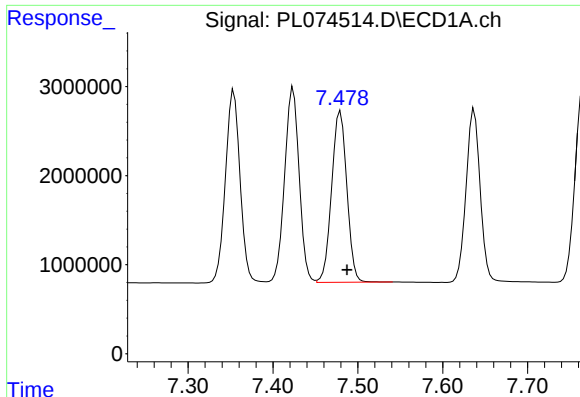
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 25211164
Conc: 58.78 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 129658811
Conc: 57.59 ng/ml



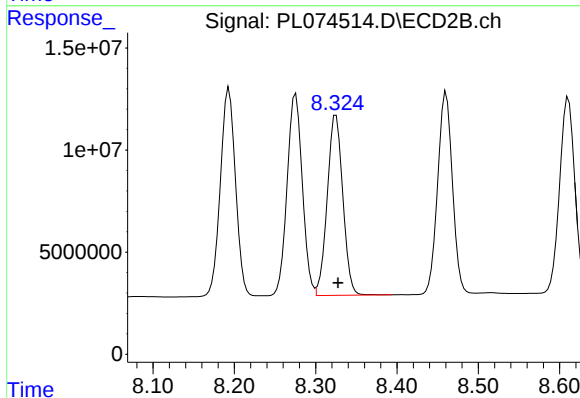
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.008 min
Response: 23965239
Conc: 58.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

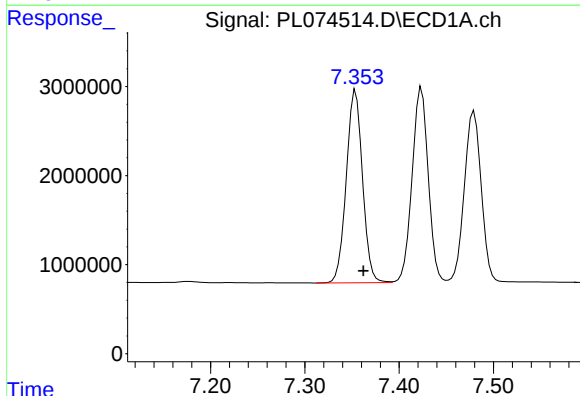
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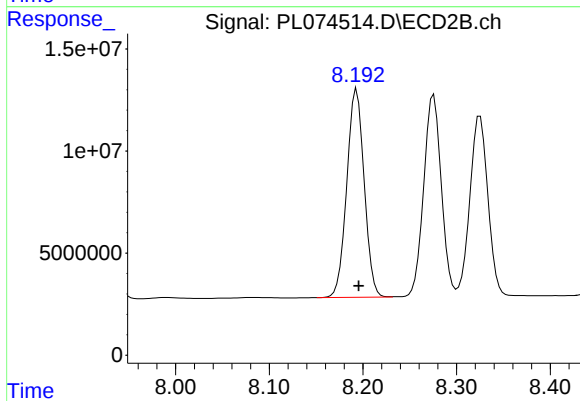
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 118222196
Conc: 60.05 ng/ml



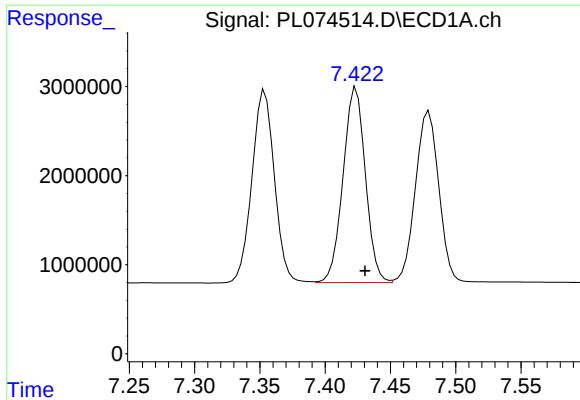
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 25923506
Conc: 59.11 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 131724018
Conc: 59.06 ng/ml



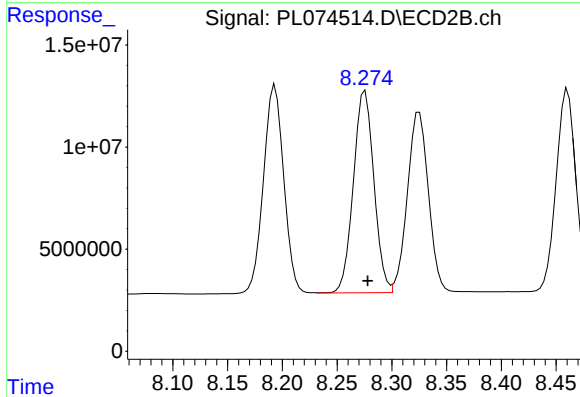
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 26078038
Conc: 59.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

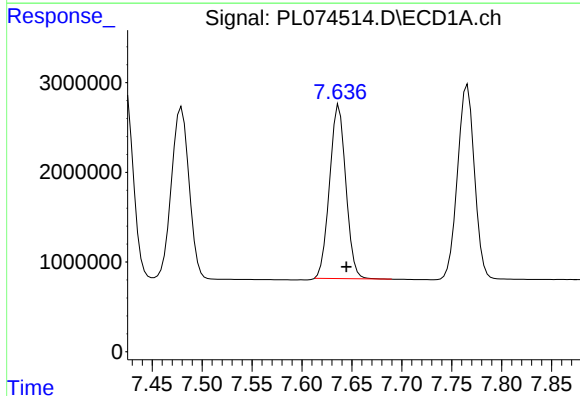
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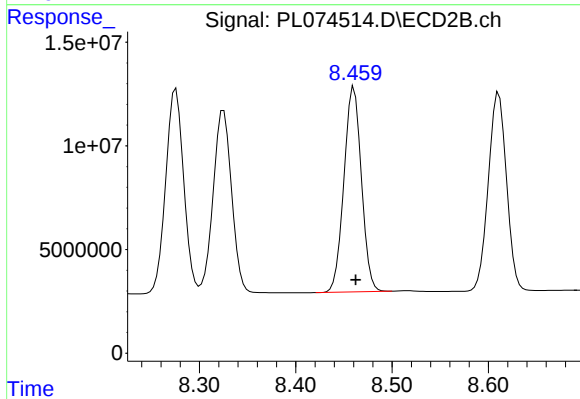
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 129062450
Conc: 59.96 ng/ml



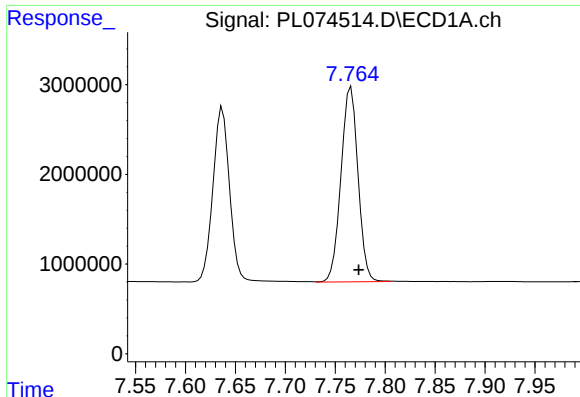
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 21946382
Conc: 60.16 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 124209116
Conc: 62.36 ng/ml



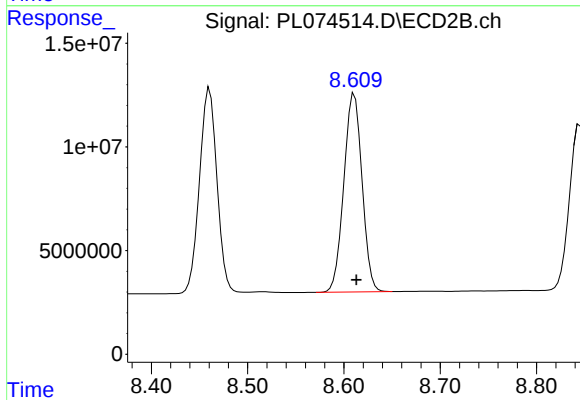
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: -0.009 min
Response: 25809480
Conc: 60.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

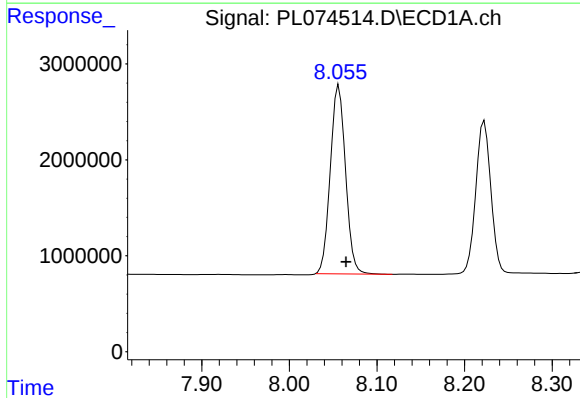
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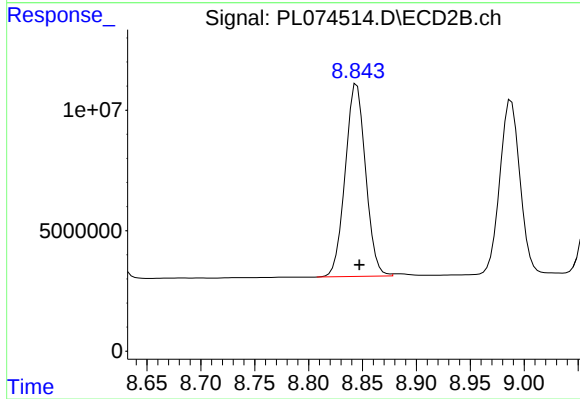
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 125483644
Conc: 62.58 ng/ml



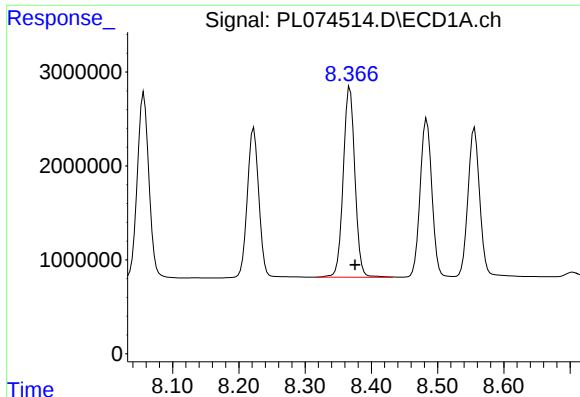
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 23779703
Conc: 58.54 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 105290813
Conc: 62.17 ng/ml



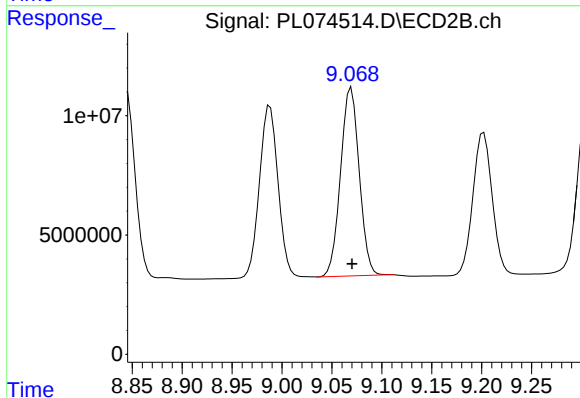
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.008 min
Response: 24900054
Conc: 60.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

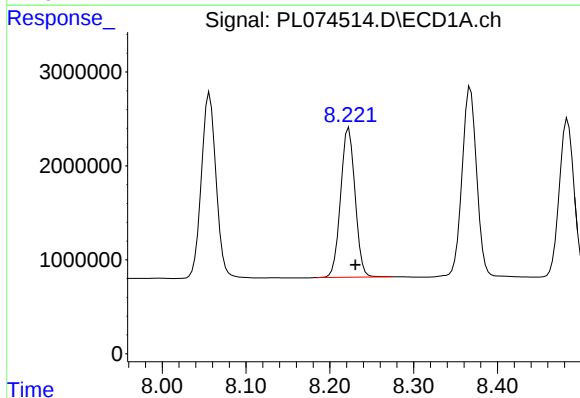
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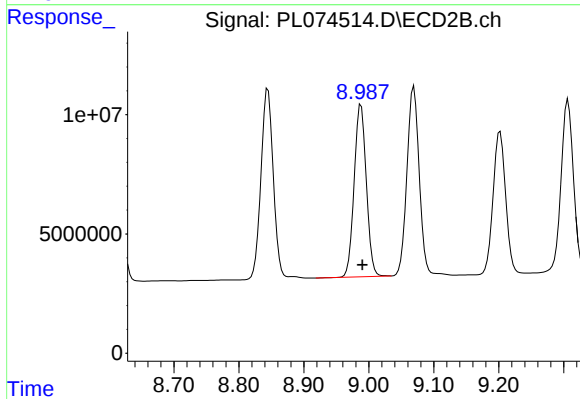
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 102816667
Conc: 59.18 ng/ml



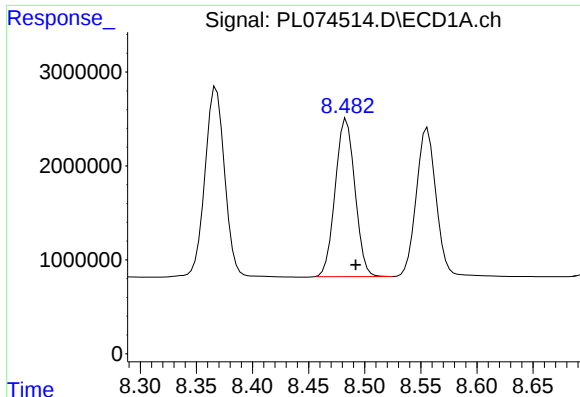
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 19062098
Conc: 59.03 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 93743178
Conc: 60.93 ng/ml



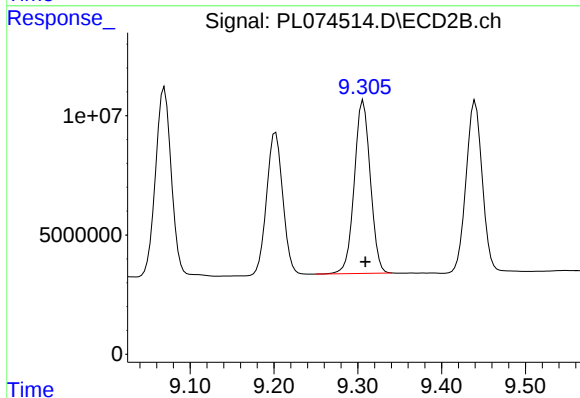
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 20547494
Conc: 55.59 ng/ml

Instrument :
ECD_L
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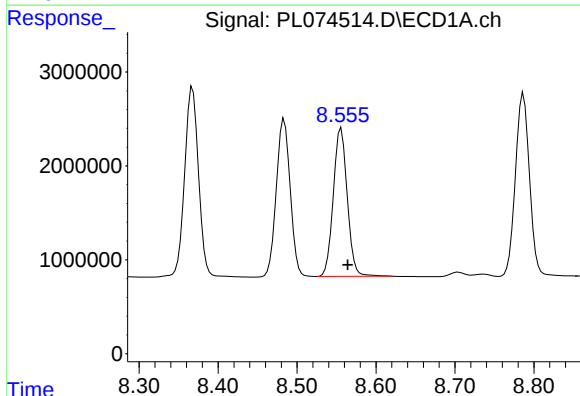
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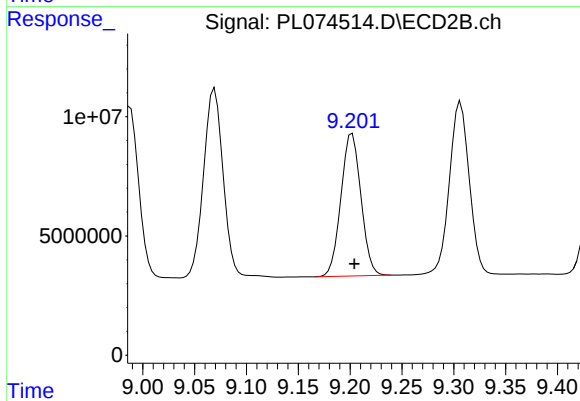
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 96451720
Conc: 54.41 ng/ml



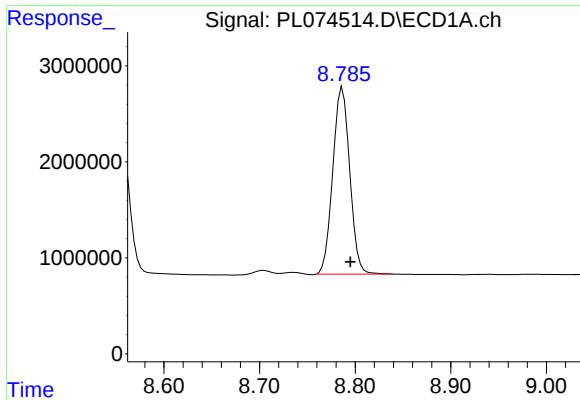
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.008 min
Response: 19427409
Conc: 60.04 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 80305839
Conc: 62.17 ng/ml m



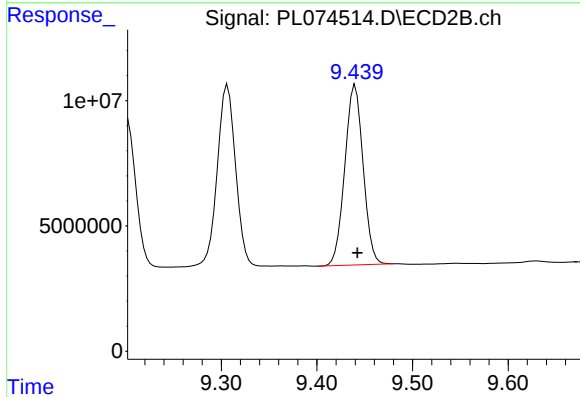
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 23949322
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

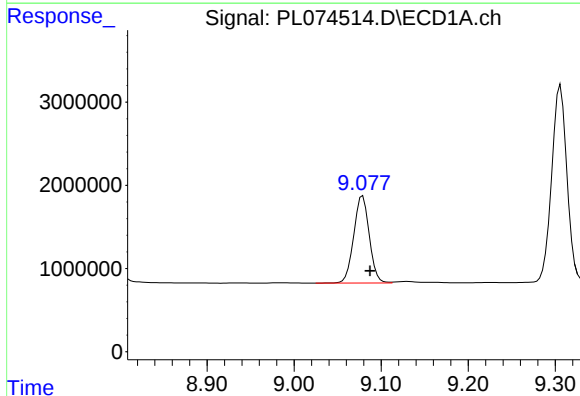
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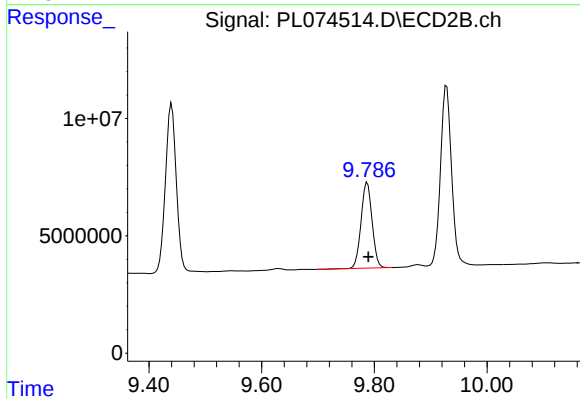
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 95993442
Conc: 57.68 ng/ml



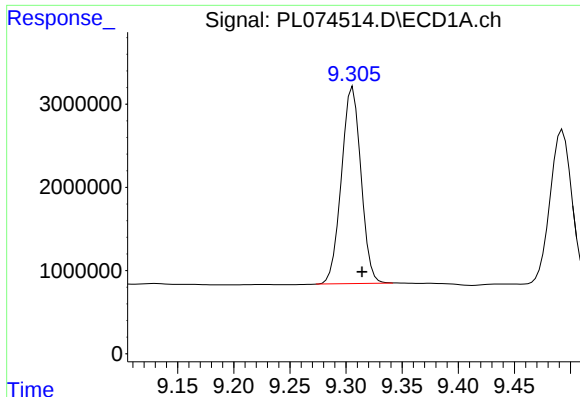
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 13041529
Conc: 52.53 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 49686492
Conc: 51.66 ng/ml



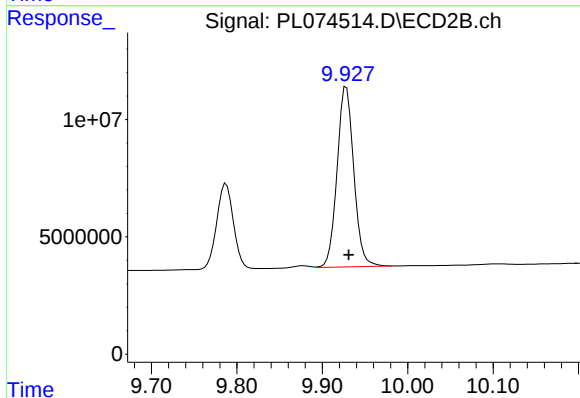
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.010 min
Response: 28637500
Conc: 58.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

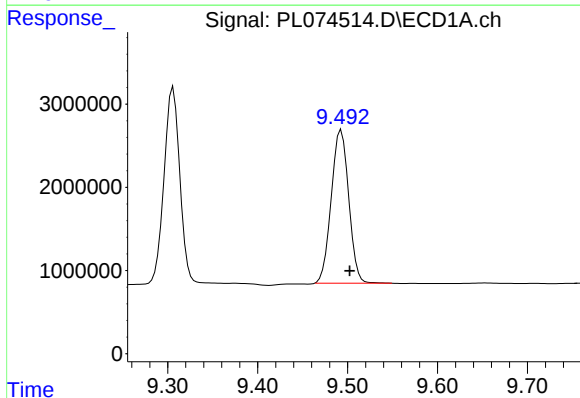
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2022
Supervised By :mohammad ahmed 05/05/2022



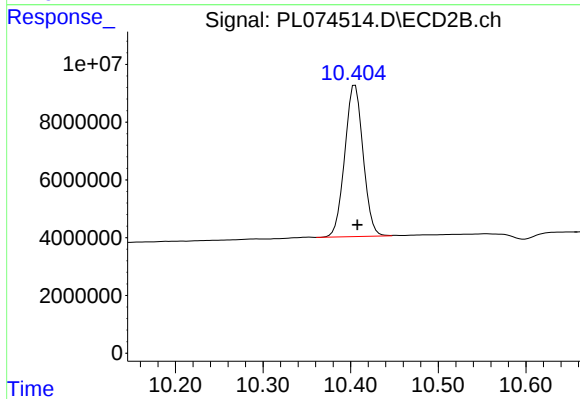
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 104589708
Conc: 60.42 ng/ml



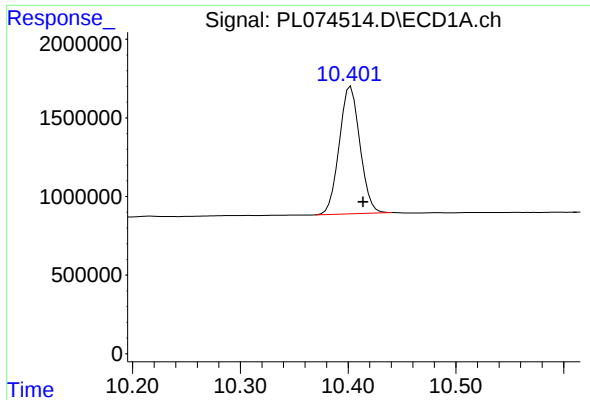
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.010 min
Response: 24895972
Conc: 53.38 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 76087599
Conc: 55.24 ng/ml



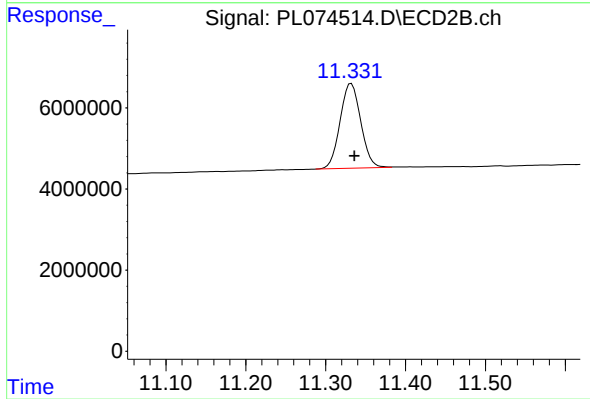
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 10795424
Conc: 20.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-12,7MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 37544761
Conc: 21.26 ng/ml