

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074468.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 11:32
 Operator : AR\AJ
 Sample : PB144507BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144507BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/03/2022
 Supervised By : mohammad ahmed 05/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 00:59:36 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...	4.634	5.488	7047859	36836983	21.813	20.660
28)	SA Decachlor...	10.402	11.332	11922722	39002200	22.927m	22.081
Target Compounds							
2)	A alpha-BHC	5.342	6.052	23242818	134.8E6	55.385	53.514
3)	MA gamma-BHC...	5.765	6.441	22930778	125.4E6	54.675	52.991
4)	MA Heptachlor	6.176	7.100	24018233	134.4E6	53.320	51.522
5)	MB Aldrin	6.500	7.468	23885069	132.4E6	57.548	56.379
6)	B beta-BHC	6.146	6.678	10044676	55469219	49.160	49.218
7)	B delta-BHC	6.406	6.946	23243508	128.6E6	56.188	52.656
8)	B Heptachlo...	7.077	7.924	23646192	117.1E6	55.127	52.008
9)	A Endosulfan I	7.480	8.325	22524572	106.0E6	54.922	53.843
10)	B gamma-Chl...	7.354	8.193	24495010	121.0E6	55.850	54.239
11)	B alpha-Chl...	7.424	8.276	24648318	116.9E6	55.794	54.292
12)	B 4,4'-DDE	7.638	8.460	20556213	112.6E6	56.346	56.543
13)	MA Dieldrin	7.766	8.610	23594661	115.8E6	54.926	57.751
14)	MA Endrin	8.057	8.844	22858586	95442636	56.270	56.353
15)	B Endosulfa...	8.368	9.069	23209477	94589808	56.312	54.449
16)	A 4,4'-DDD	8.222	8.988	17691782	86711864	54.786	56.358
17)	MA 4,4'-DDT	8.484	9.306	20075115	92838004	54.310	52.372
18)	B Endrin al...	8.556	9.202	19276393	77236667	59.577	59.798
19)	B Endosulfa...	8.787	9.439	22879721	89642396	53.580	53.861
20)	A Methoxychlor	9.079	9.787	12249917	50389665	49.341	52.388
21)	B Endrin ke...	9.305	9.927	27180474	96973111	55.635m	56.023
22)	Mirex	9.493	10.404	24313756	73930571	52.130	53.674

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074468.D
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 Acq On : 02 May 2022 11:32
 Operator : AR\AJ
 Sample : PB144507BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

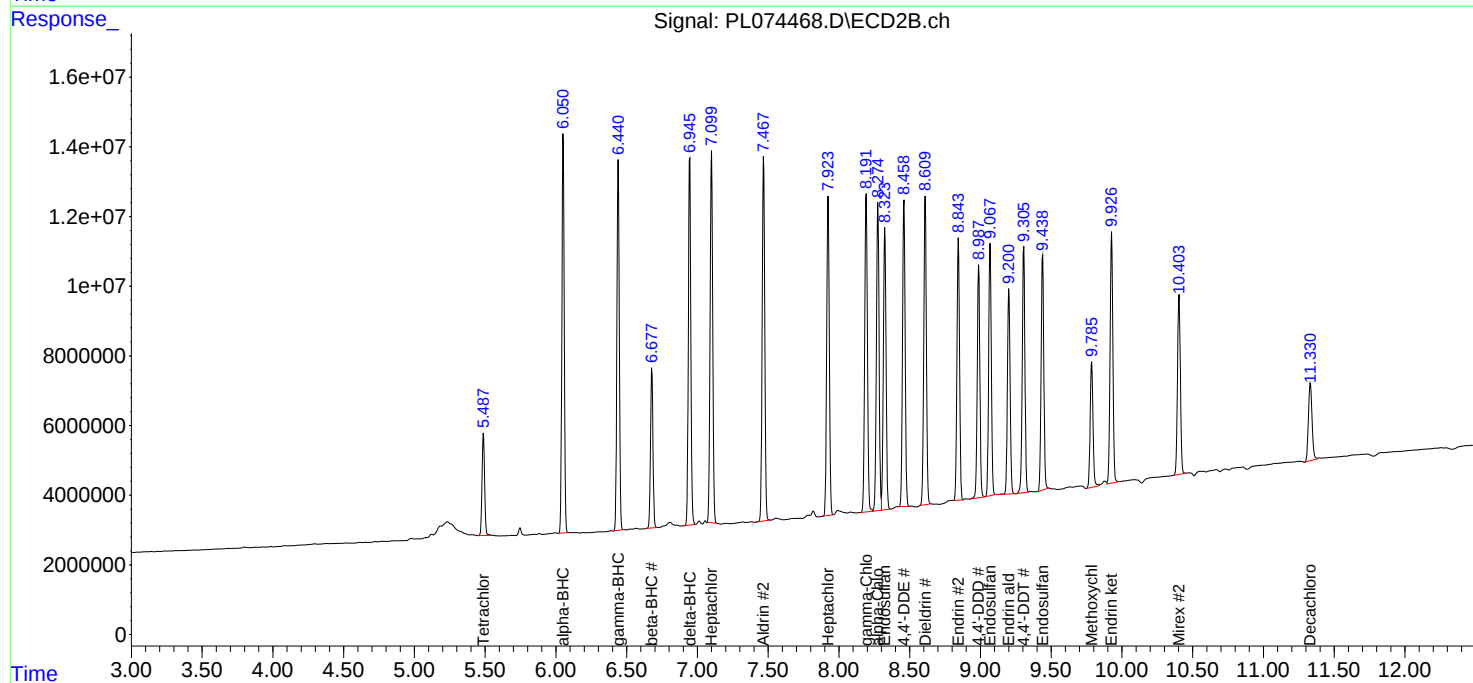
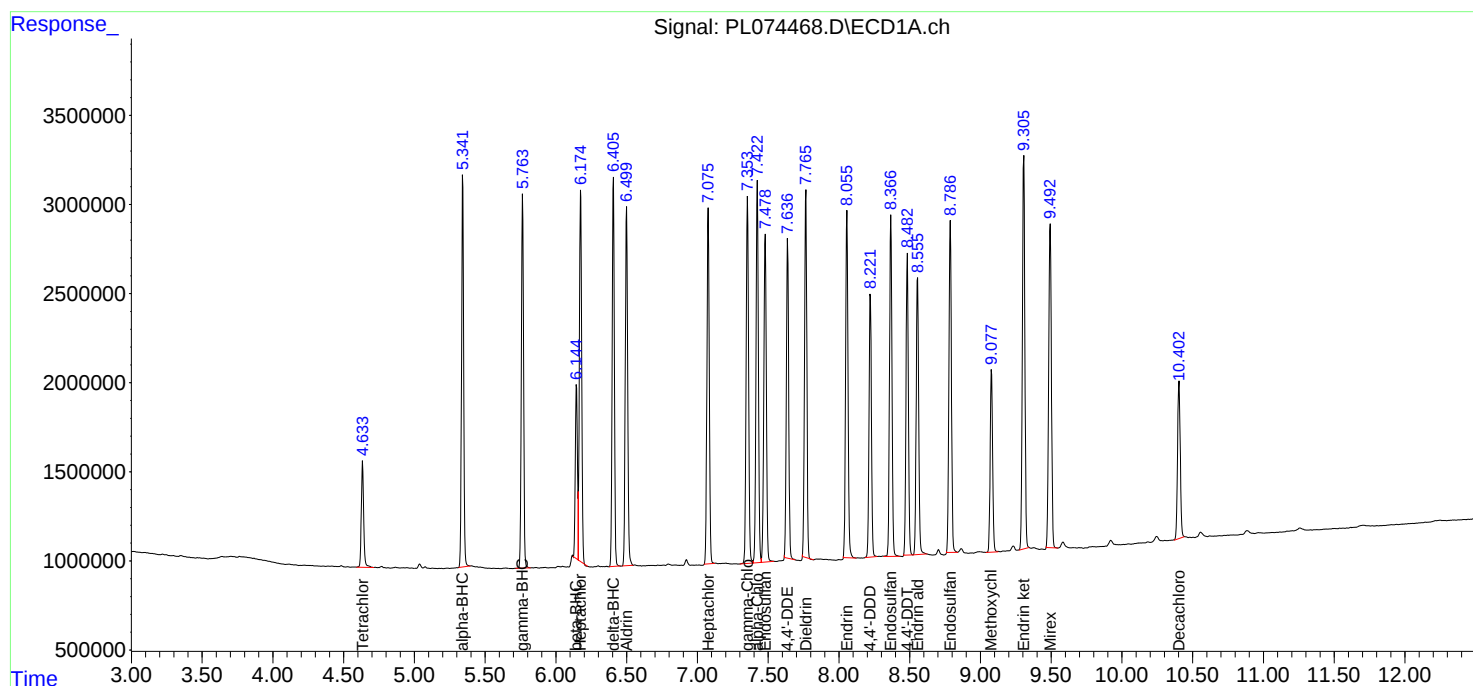
Instrument :
 ECD_L
 ClientSampleId :
 PB144507BS

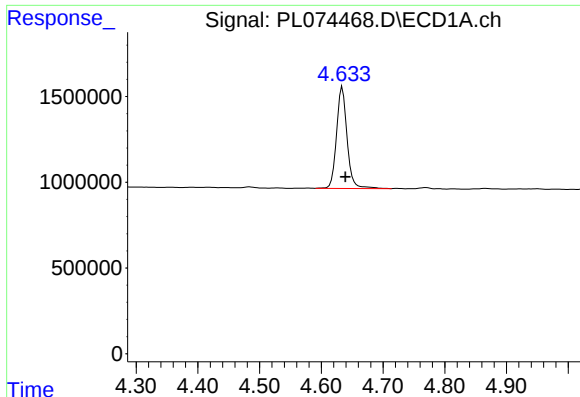
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 00:59:36 2022
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 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





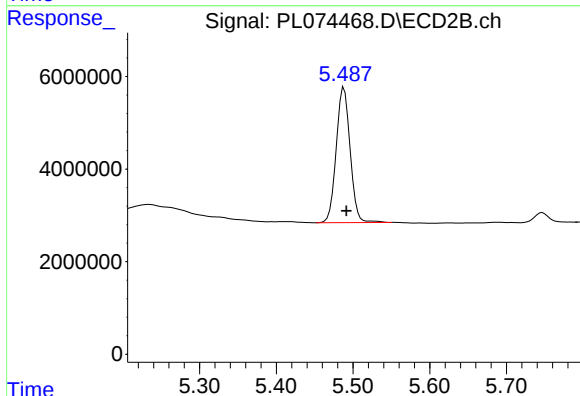
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 7047859
Conc: 21.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

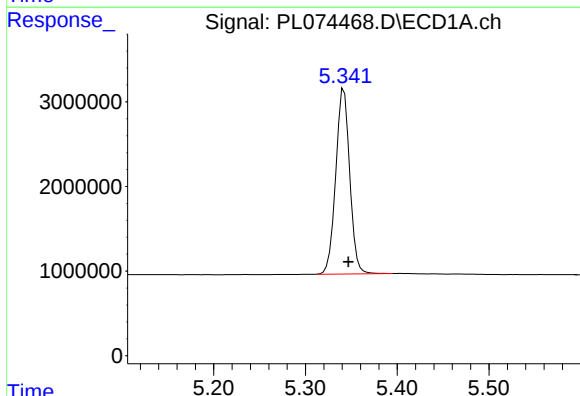
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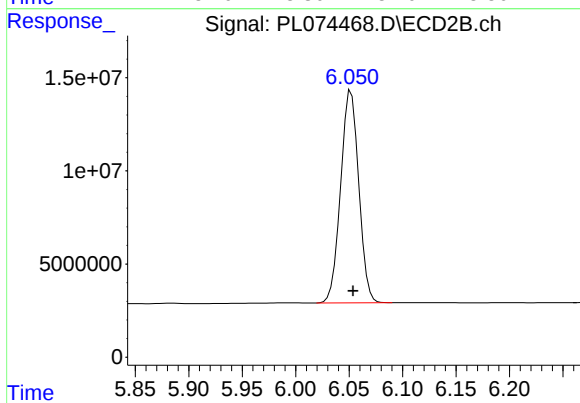
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 36836983
Conc: 20.66 ng/ml



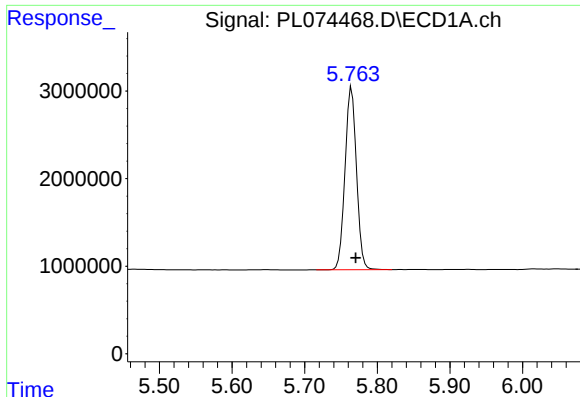
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 23242818
Conc: 55.38 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 134752059
Conc: 53.51 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 22930778
Conc: 54.68 ng/ml

Instrument :

ECD_L

ClientSampleId :

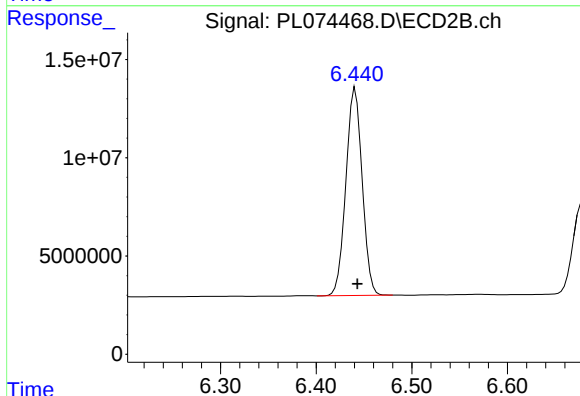
PB144507BS

Manual Integrations

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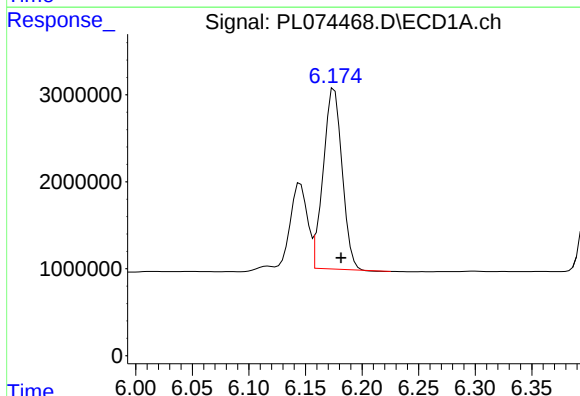
Reviewed By :Abdul Mirza 05/03/2022

Supervised By :mohammad ahmed 05/03/2022



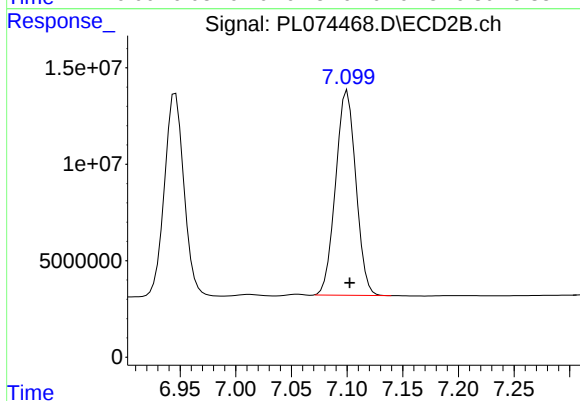
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 125435517
Conc: 52.99 ng/ml



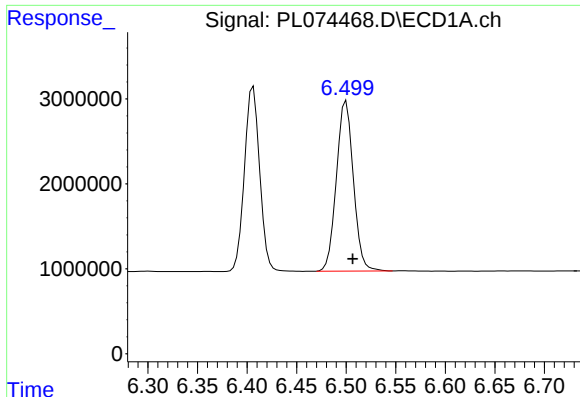
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 24018233
Conc: 53.32 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 134391931
Conc: 51.52 ng/ml



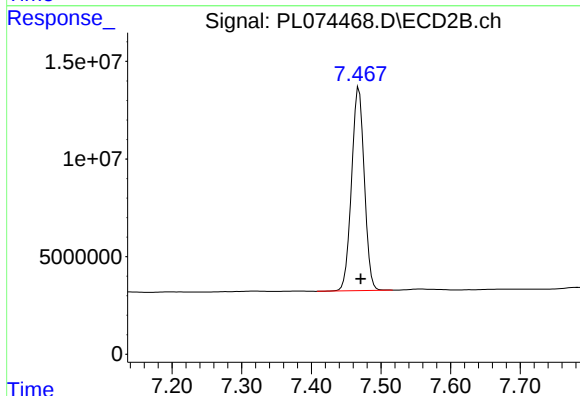
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 23885069
Conc: 57.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

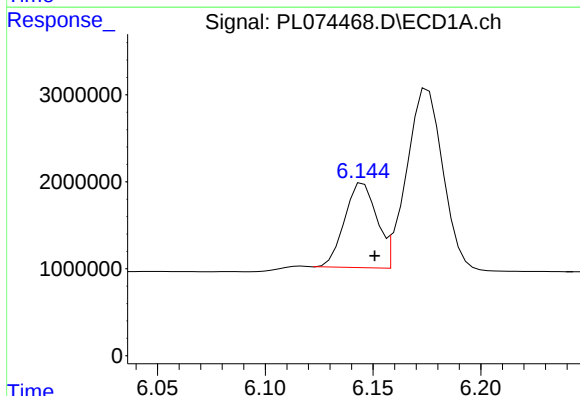
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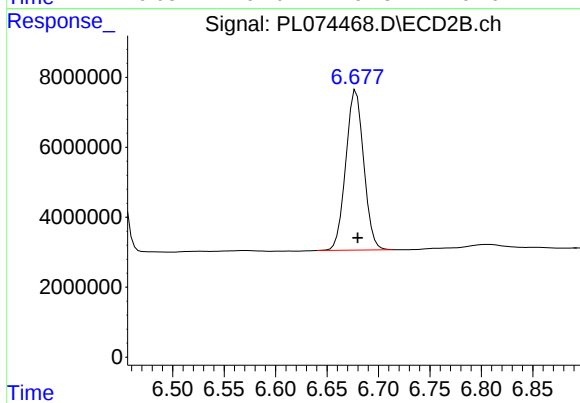
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 132410870
Conc: 56.38 ng/ml



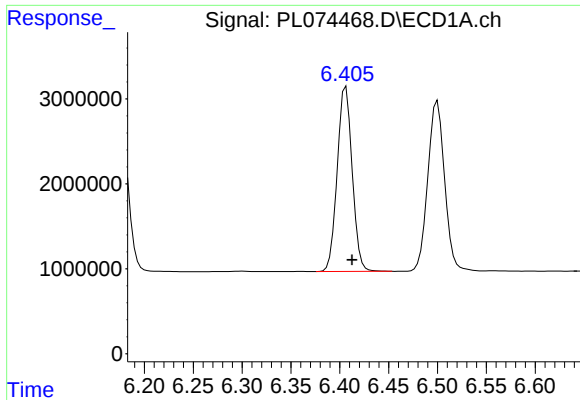
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10044676
Conc: 49.16 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 55469219
Conc: 49.22 ng/ml



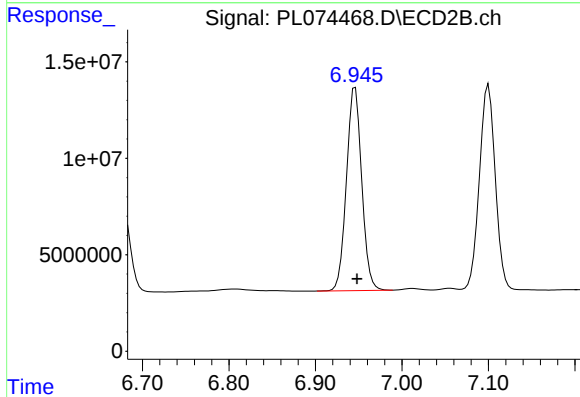
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 23243508
Conc: 56.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

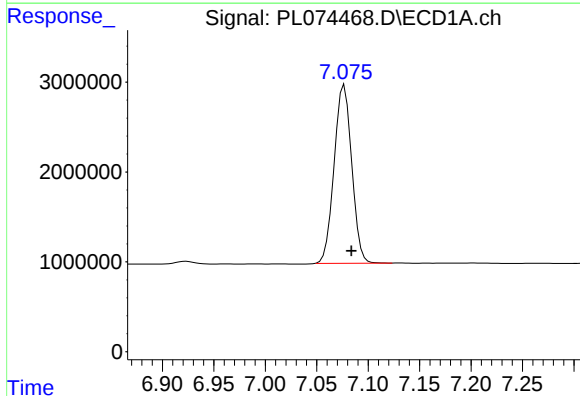
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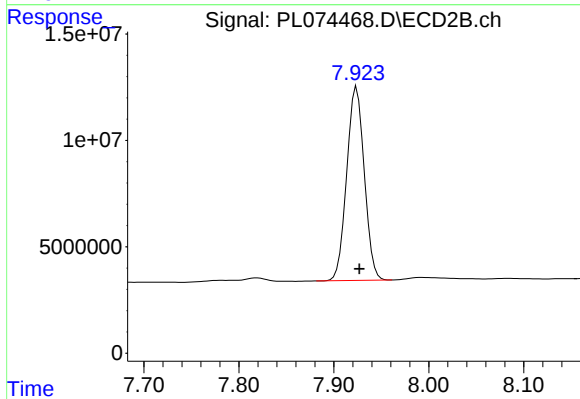
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 128599519
Conc: 52.66 ng/ml



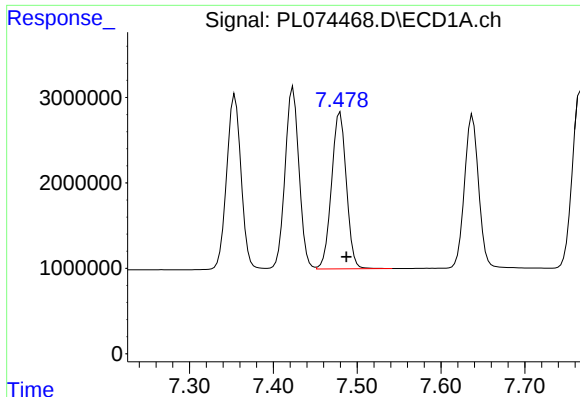
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 23646192
Conc: 55.13 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 117098761
Conc: 52.01 ng/ml



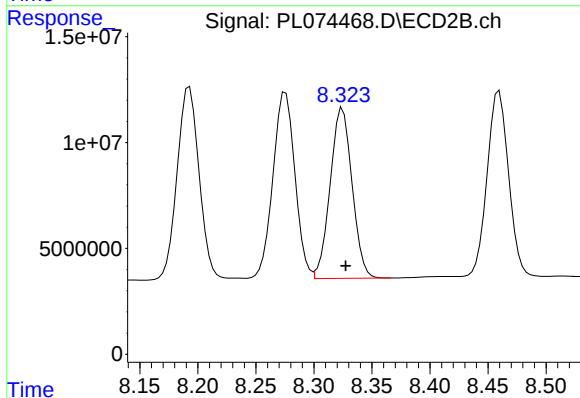
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 22524572
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

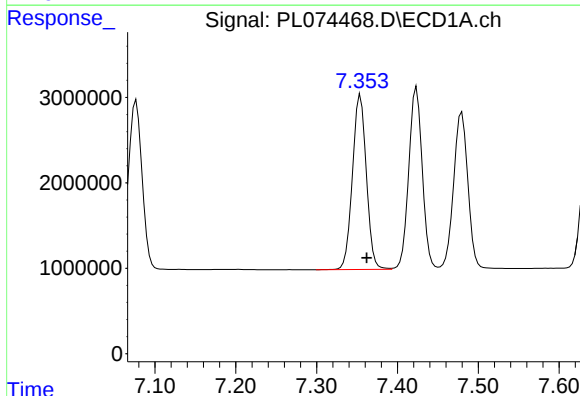
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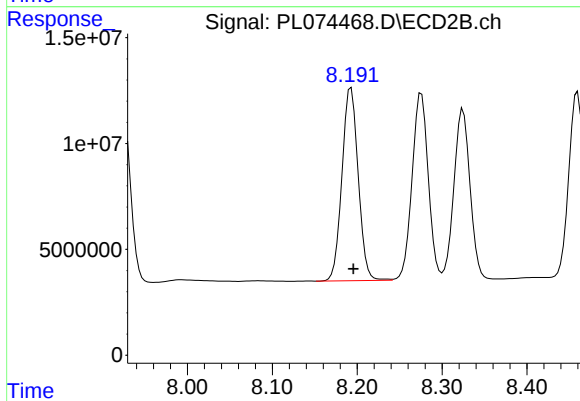
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 105998233
Conc: 53.84 ng/ml



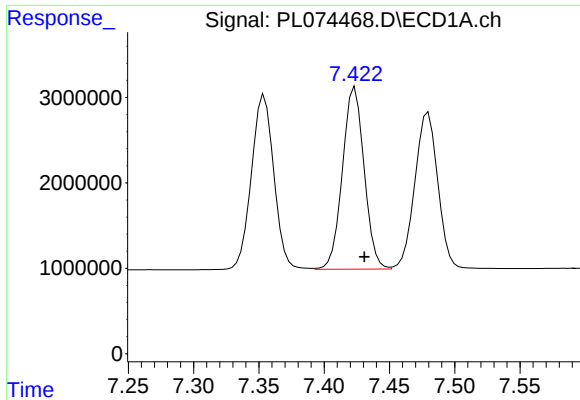
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 24495010
Conc: 55.85 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 120973008
Conc: 54.24 ng/ml



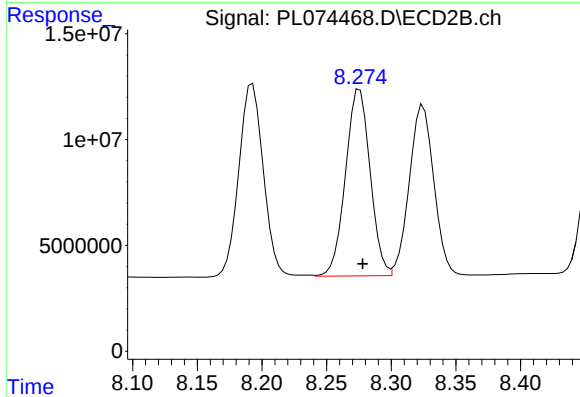
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 24648318
Conc: 55.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

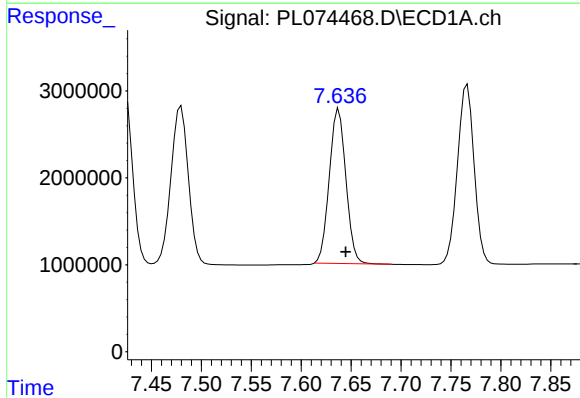
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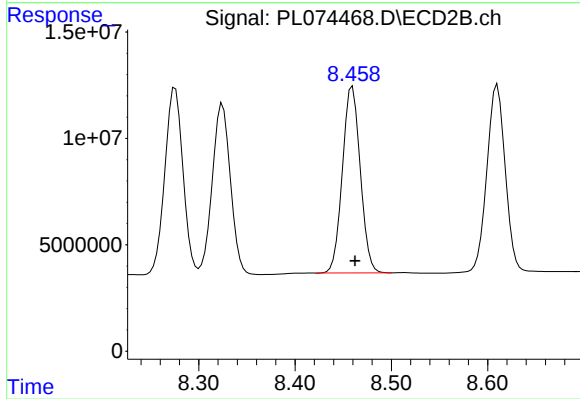
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 116867250
Conc: 54.29 ng/ml



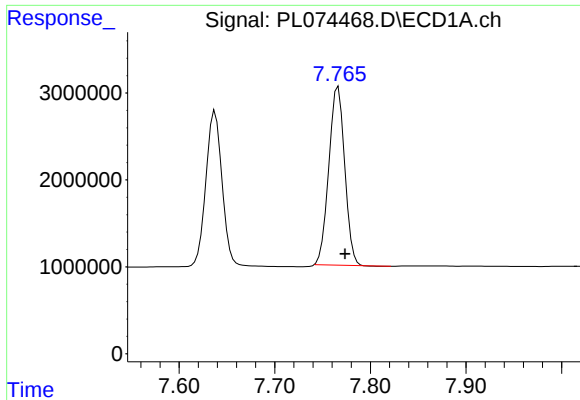
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 20556213
Conc: 56.35 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 112617006
Conc: 56.54 ng/ml



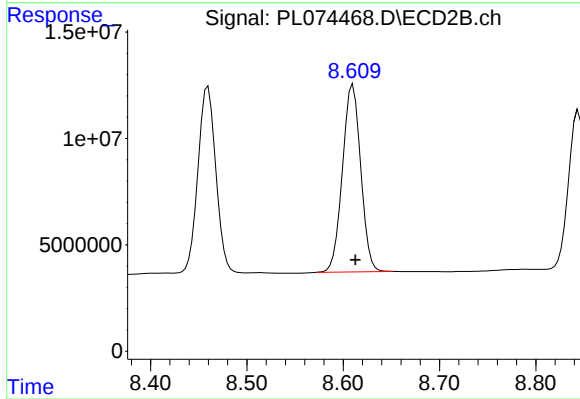
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.007 min
Response: 23594661
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
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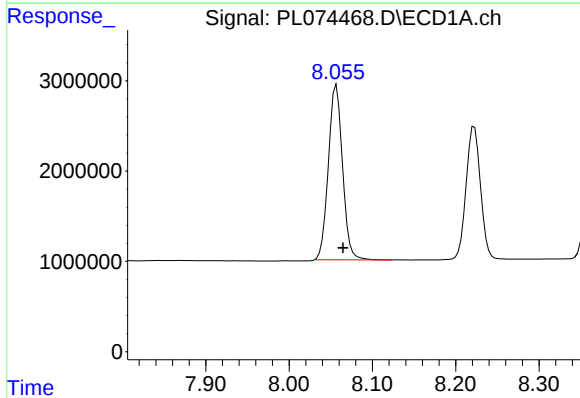
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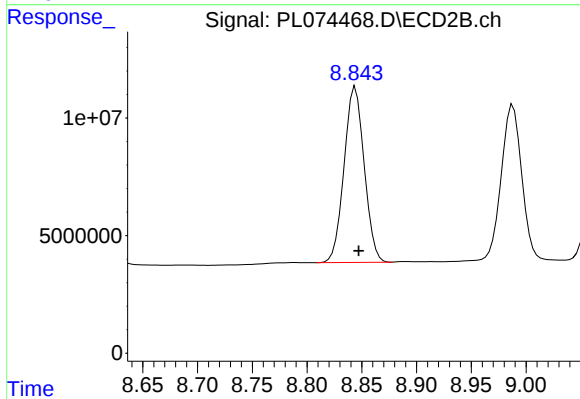
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 115807696
Conc: 57.75 ng/ml



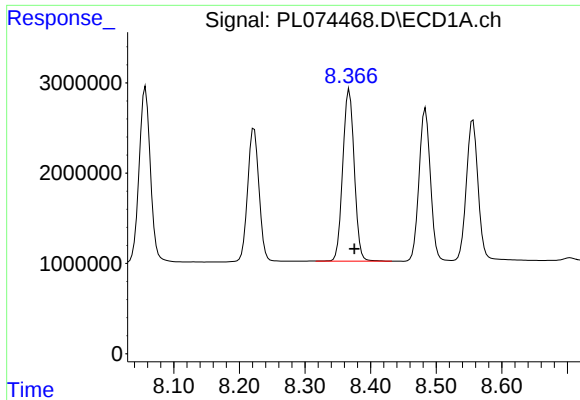
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 22858586
Conc: 56.27 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 95442636
Conc: 56.35 ng/ml



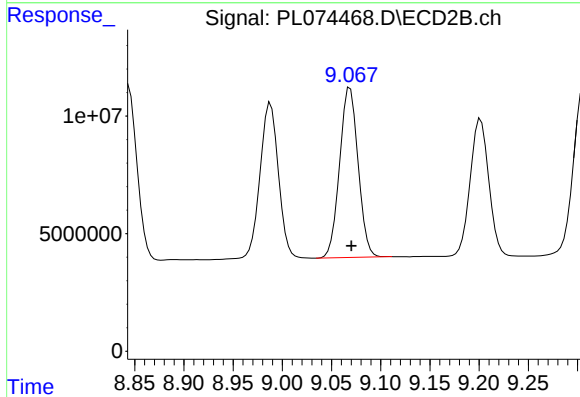
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.008 min
Response: 23209477
Conc: 56.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

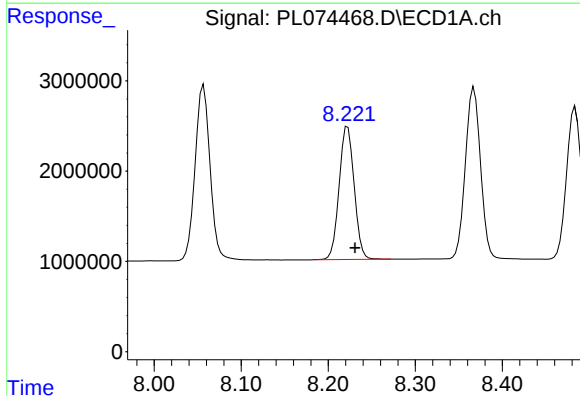
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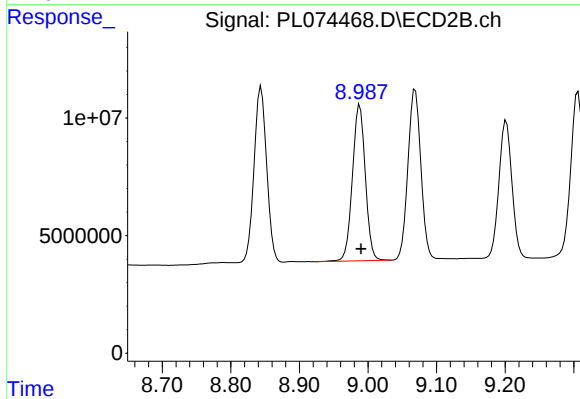
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 94589808
Conc: 54.45 ng/ml



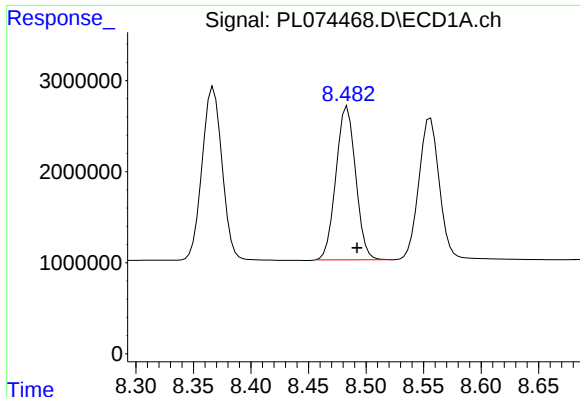
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 17691782
Conc: 54.79 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 86711864
Conc: 56.36 ng/ml



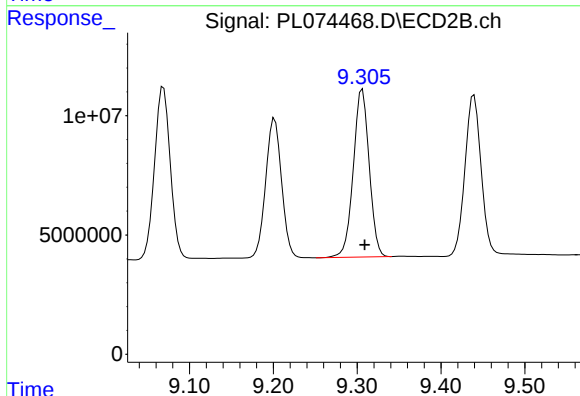
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 20075115
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

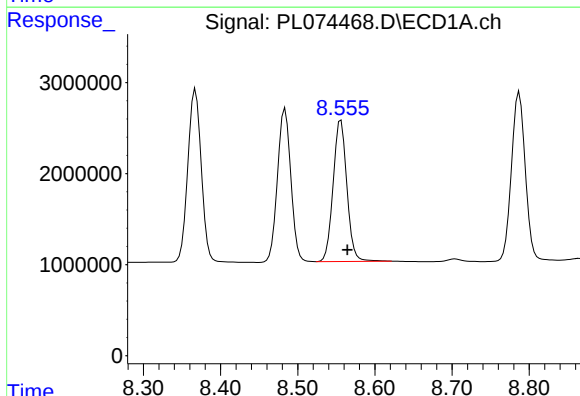
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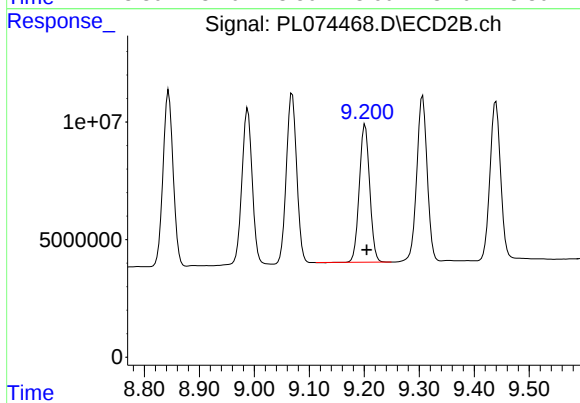
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 92838004
Conc: 52.37 ng/ml



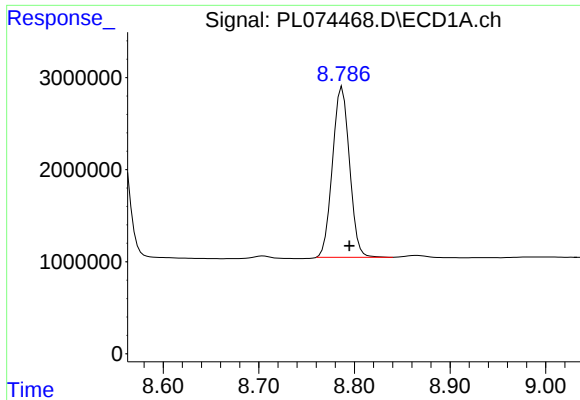
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.008 min
Response: 19276393
Conc: 59.58 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 77236667
Conc: 59.80 ng/ml



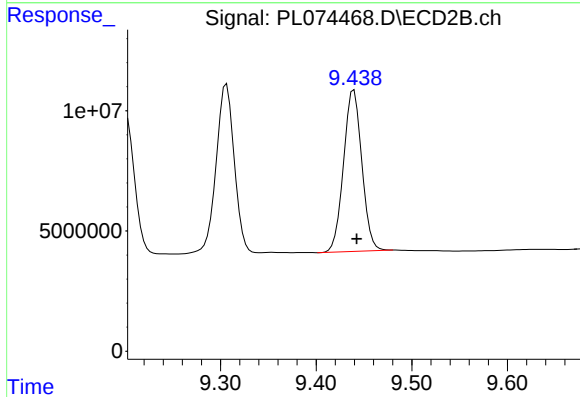
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 22879721
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

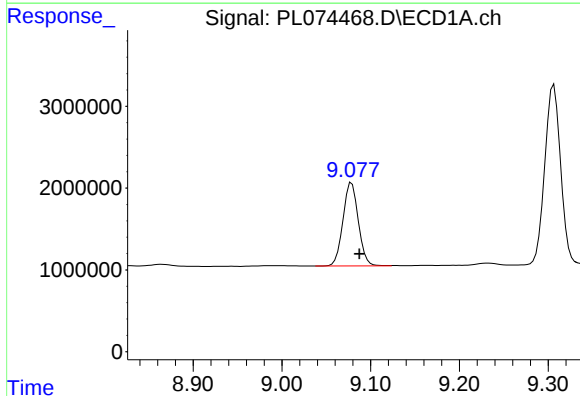
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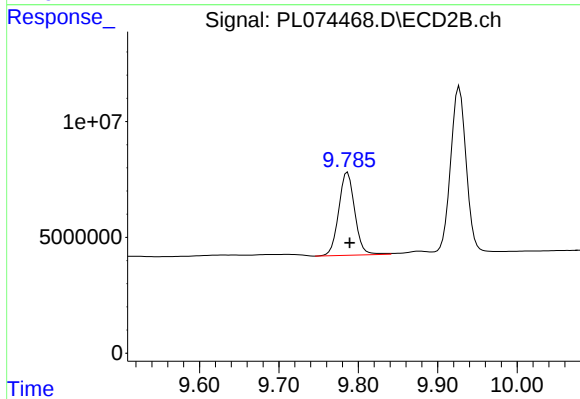
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 89642396
Conc: 53.86 ng/ml



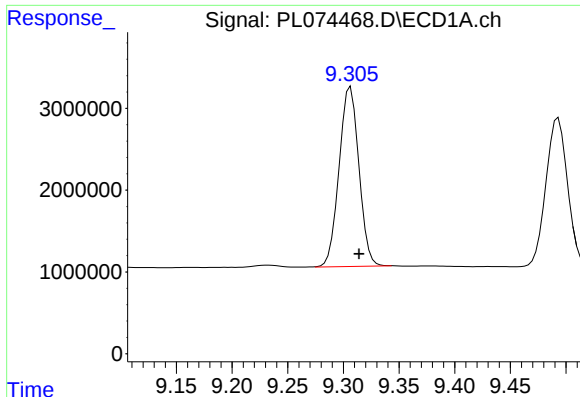
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 12249917
Conc: 49.34 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 50389665
Conc: 52.39 ng/ml



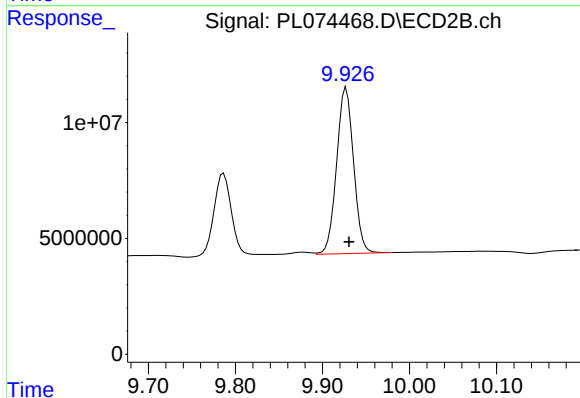
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 27180474
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

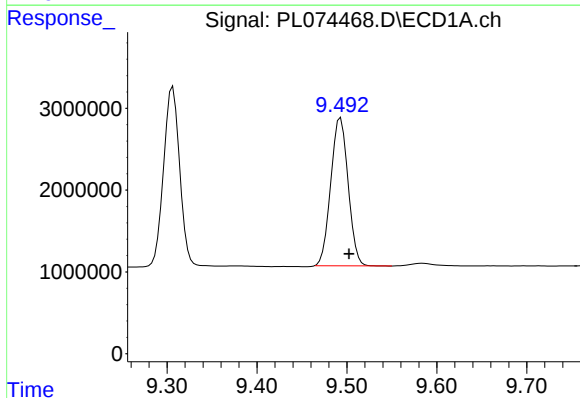
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/03/2022
Supervised By :mohammad ahmed 05/03/2022



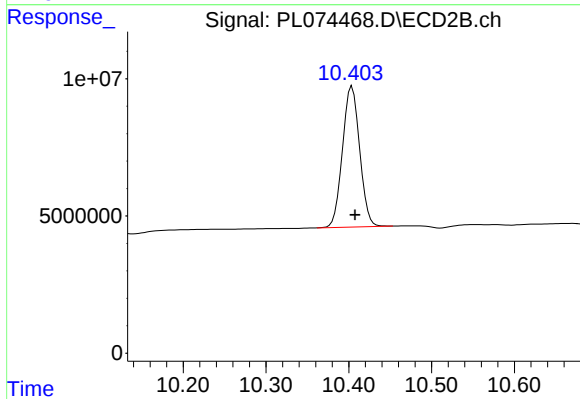
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 96973111
Conc: 56.02 ng/ml



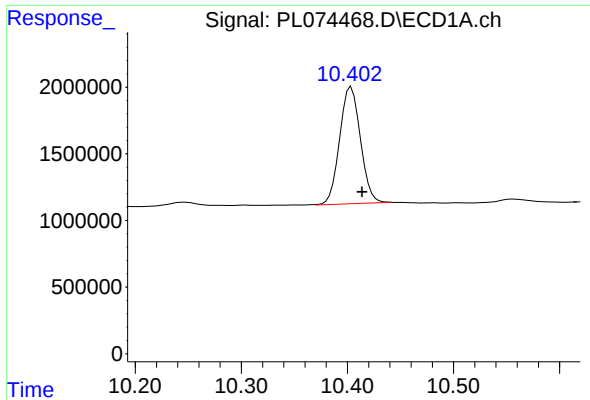
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 24313756
Conc: 52.13 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 73930571
Conc: 53.67 ng/ml



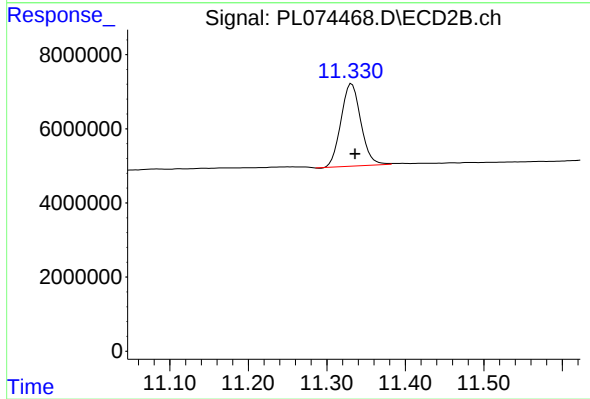
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 11922722
Conc: 22.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144507BS

Manual Integrations
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Reviewed By :Abdul Mirza 05/03/2022
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 39002200
Conc: 22.08 ng/ml