

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042922\
 Data File : PL074460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2022 19:28
 Operator : AR\AJ
 Sample : PB144461BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144461BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/30/2022
 Supervised By : mohammad ahmed 05/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 01:00:04 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	6777645	35401923	20.976	19.856
28)	SA Decachlor...	10.404	11.333	12289423	40187219	23.632m	22.752
Target Compounds							
2)	A alpha-BHC	5.342	6.053	22030714	128.2E6	52.496	50.900
3)	MA gamma-BHC...	5.765	6.442	21901381	120.0E6	52.221	50.695
4)	MA Heptachlor	6.176	7.101	24149069	129.8E6	53.610	49.754
5)	MB Aldrin	6.501	7.469	22921539	123.7E6	55.226	52.673
6)	B beta-BHC	6.146	6.679	10480610	53319943	51.293	47.311
7)	B delta-BHC	6.408	6.947	22309799	120.5E6	53.931	49.357
8)	B Heptachlo...	7.077	7.925	23139209	111.9E6	53.945	49.702
9)	A Endosulfan I	7.480	8.325	21981452	100.6E6	53.597	51.123
10)	B gamma-Chl...	7.354	8.194	23638474	112.2E6	53.897	50.319
11)	B alpha-Chl...	7.424	8.276	23883984	110.4E6	54.064	51.293
12)	B 4,4'-DDE	7.637	8.461	20276425	106.9E6	55.580m	53.696
13)	MA Dieldrin	7.767	8.611	22887004	106.3E6	53.279	52.998
14)	MA Endrin	8.058	8.846	22453667	93227227	55.273	55.045
15)	B Endosulfa...	8.368	9.070	22763052	90952429	55.229	52.355
16)	A 4,4'-DDD	8.223	8.989	17576751	79897105	54.430	51.928
17)	MA 4,4'-DDT	8.485	9.307	20026161	88824026	54.178	50.108
18)	B Endrin al...	8.557	9.203	19109970	72412704	59.063	56.063
19)	B Endosulfa...	8.788	9.440	23073457	86631688	54.033	52.052
20)	A Methoxychlor	9.080	9.788	13271079	47641600	53.455	49.531
21)	B Endrin ke...	9.307	9.928	26573619	91452222	54.393	52.834
22)	Mirex	9.494	10.405	24724835	71828056	53.012	52.147

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042922\
Data File : PL074460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2022 19:28
Operator : AR\AJ
Sample : PB144461BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

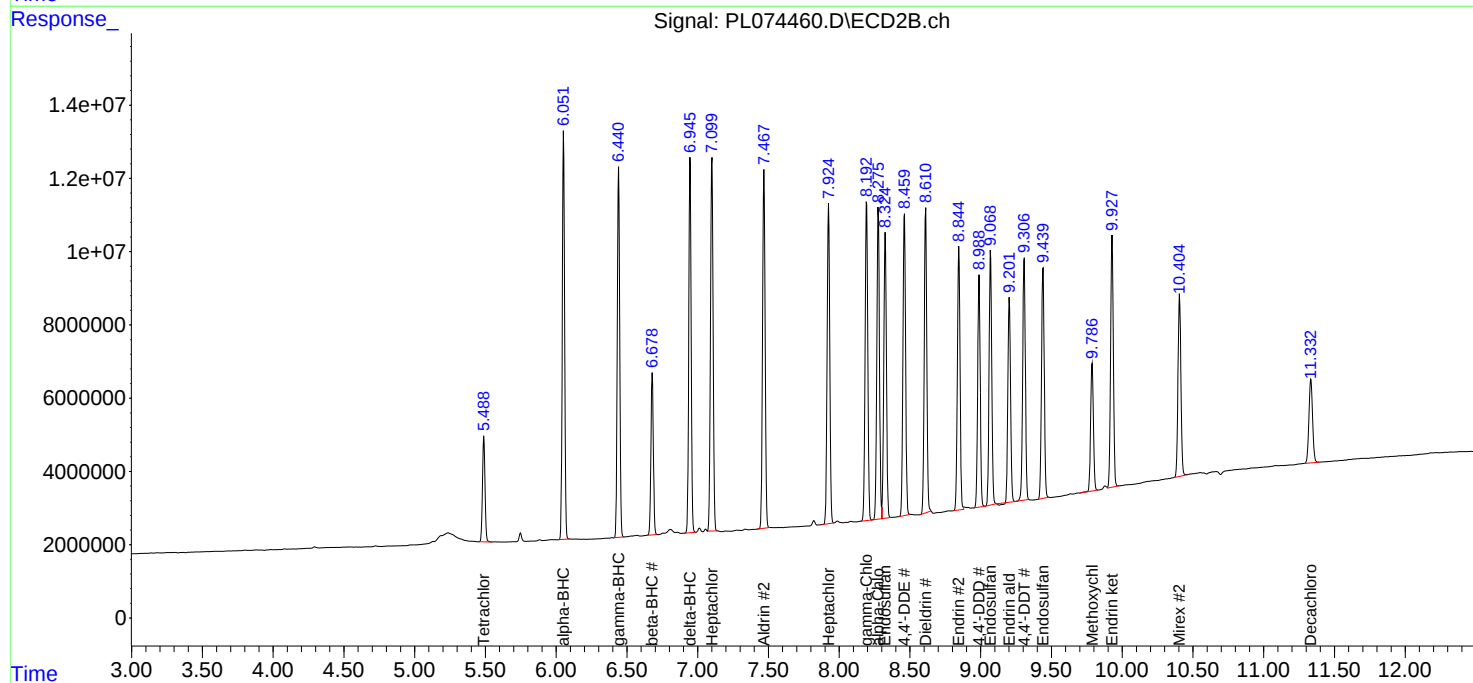
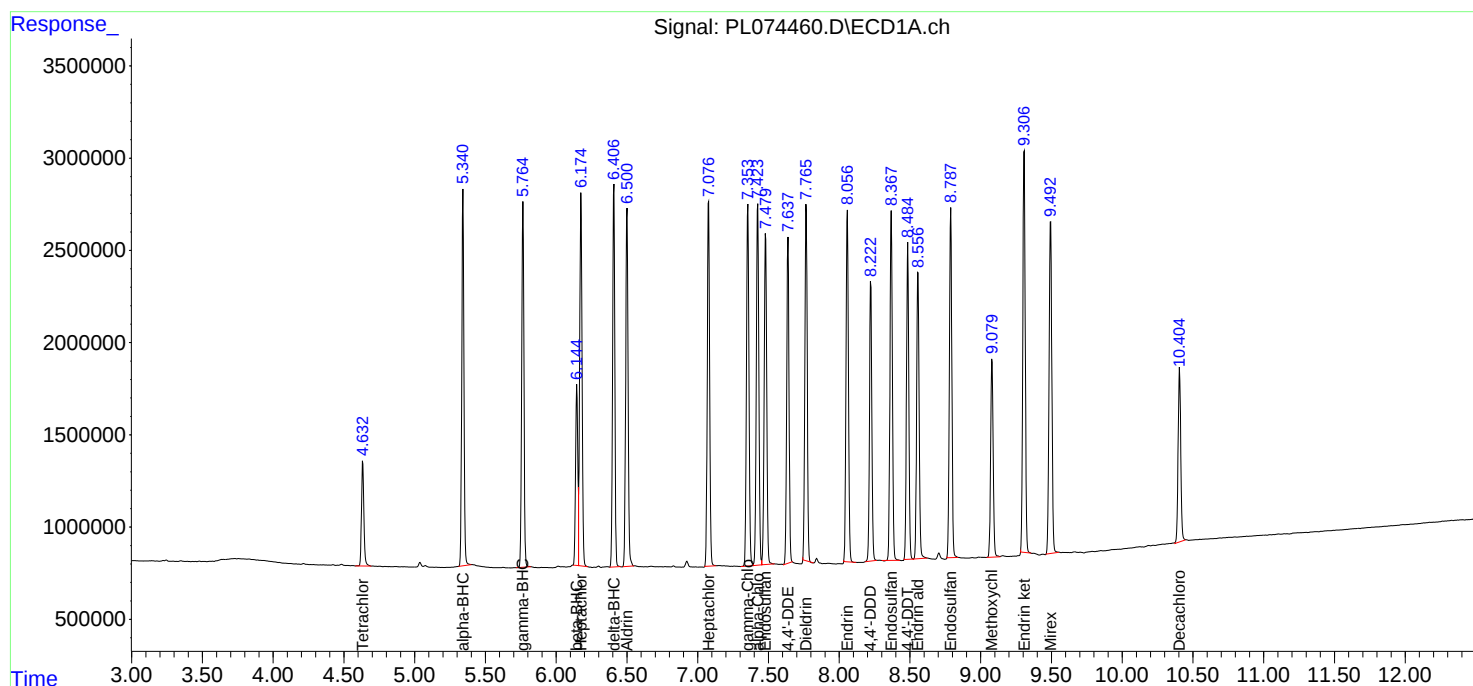
Instrument :
ECD_L
ClientSampleId :
PB144461BSD

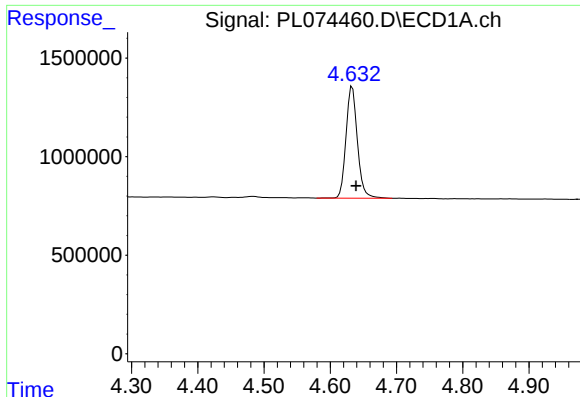
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2022
Supervised By :mohammad ahmed 05/02/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 01:00:04 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





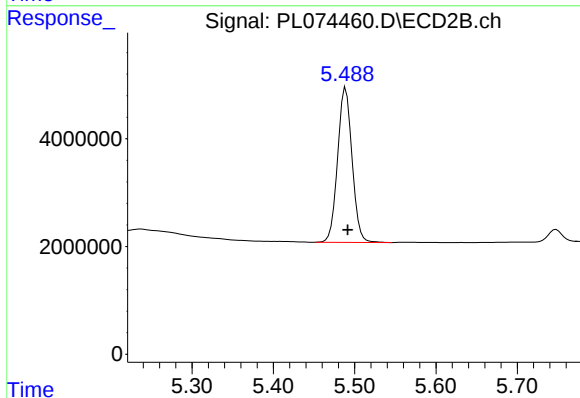
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 6777645
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

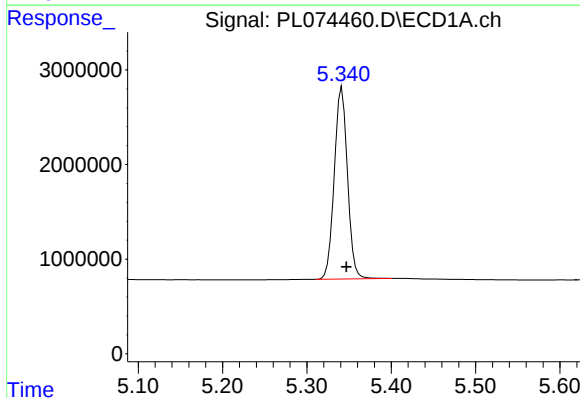
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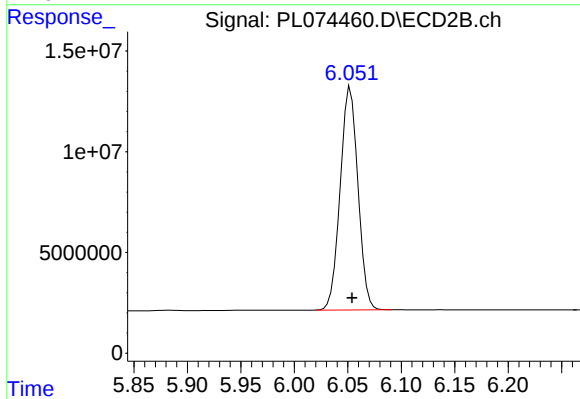
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 35401923
Conc: 19.86 ng/ml



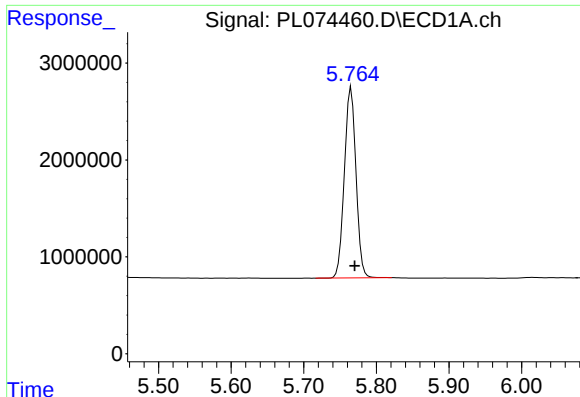
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 22030714
Conc: 52.50 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 128170730
Conc: 50.90 ng/ml



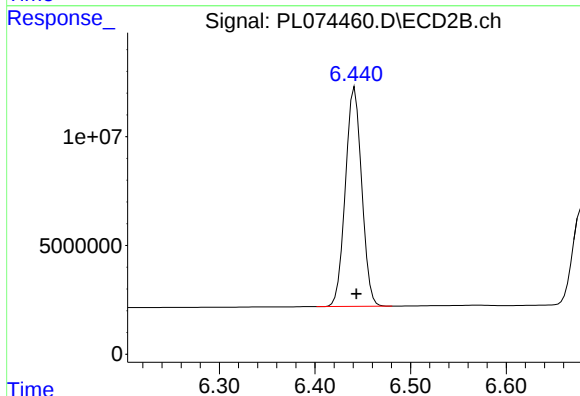
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 21901381
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

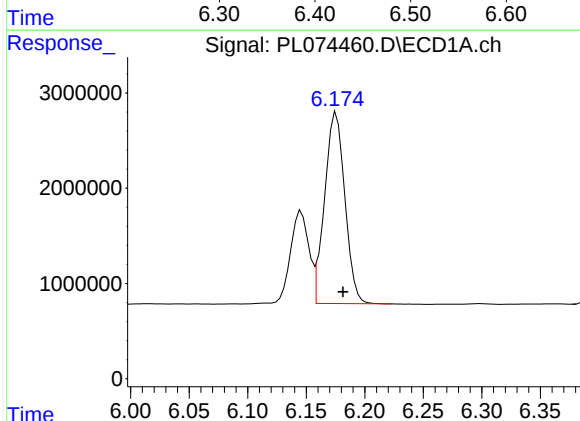
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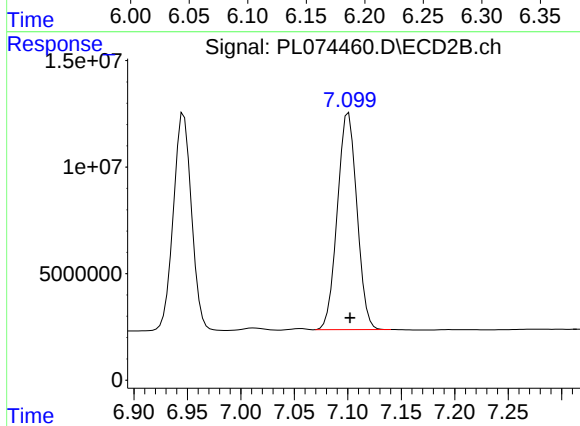
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 120001790
Conc: 50.70 ng/ml



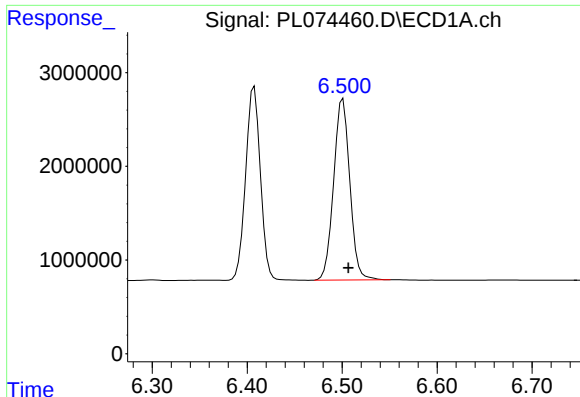
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 24149069
Conc: 53.61 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 129779771
Conc: 49.75 ng/ml



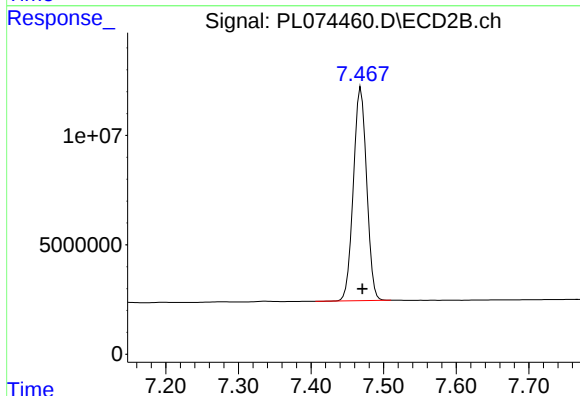
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 22921539
Conc: 55.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

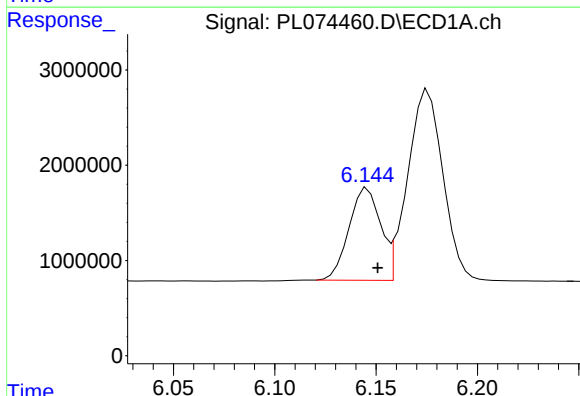
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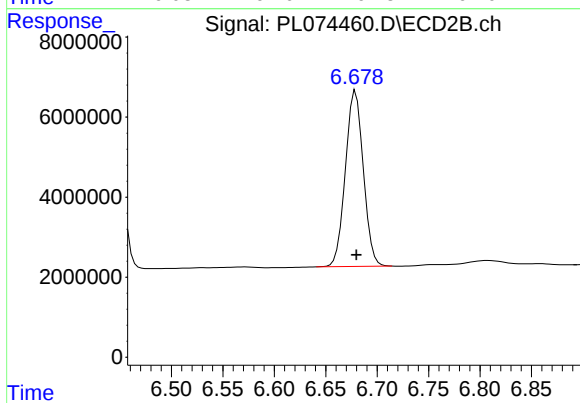
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 123708732
Conc: 52.67 ng/ml



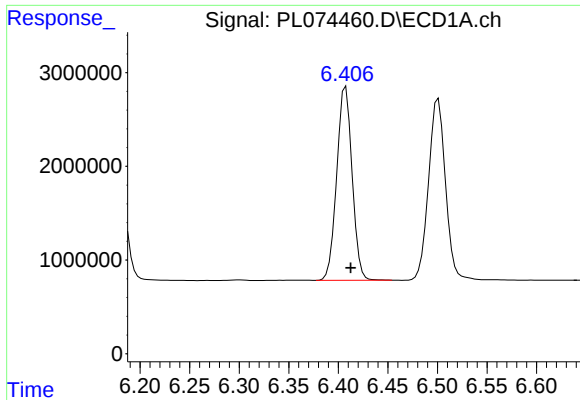
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10480610
Conc: 51.29 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 53319943
Conc: 47.31 ng/ml



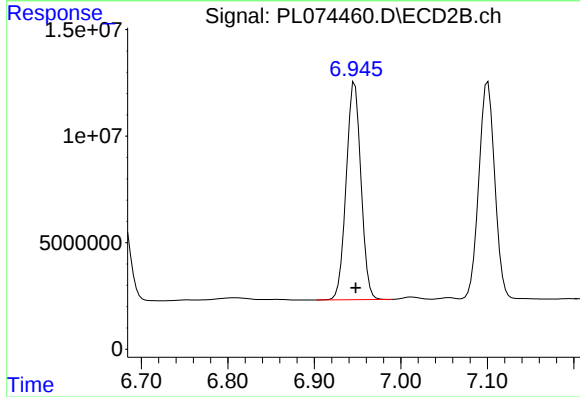
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 22309799
Conc: 53.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

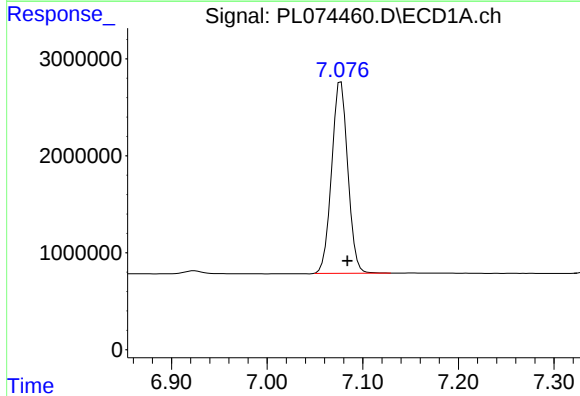
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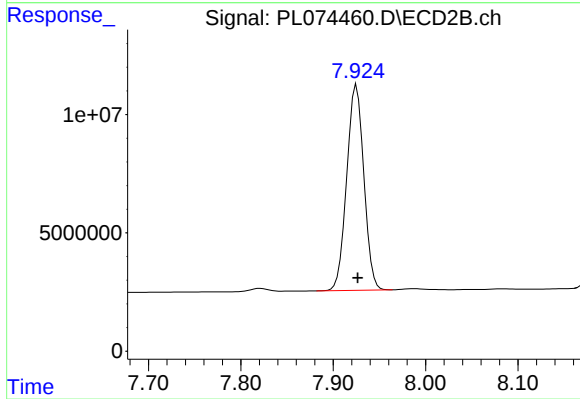
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 120543399
Conc: 49.36 ng/ml



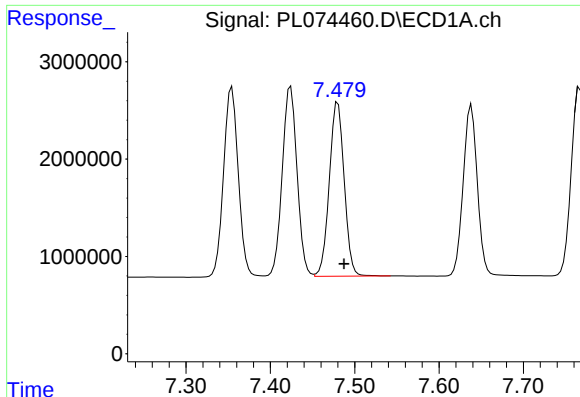
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 23139209
Conc: 53.95 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 111906883
Conc: 49.70 ng/ml



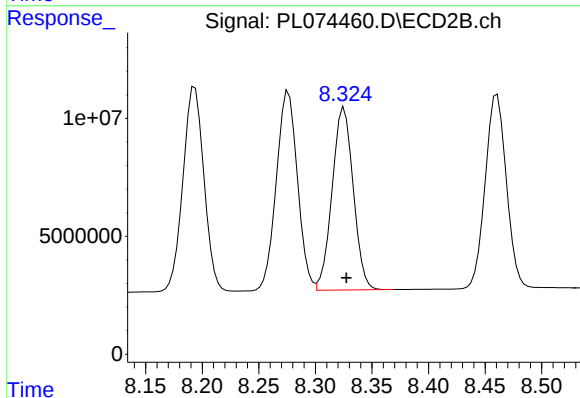
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 21981452
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

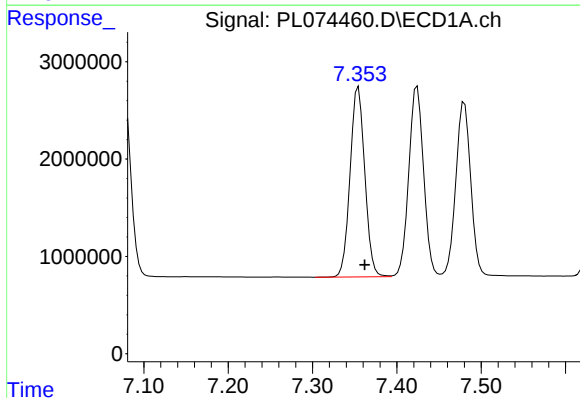
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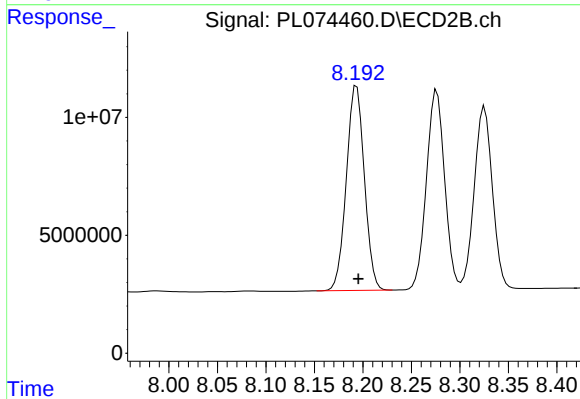
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 100644551
Conc: 51.12 ng/ml



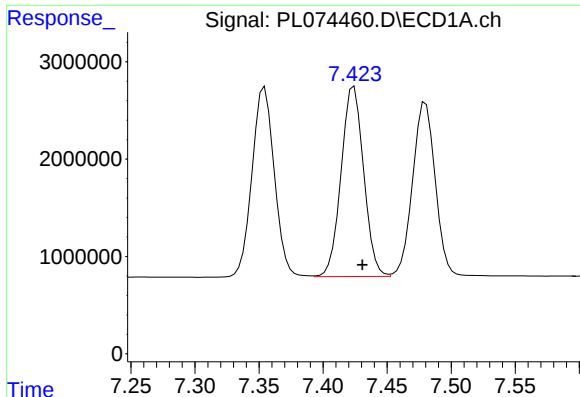
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 23638474
Conc: 53.90 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 112228990
Conc: 50.32 ng/ml



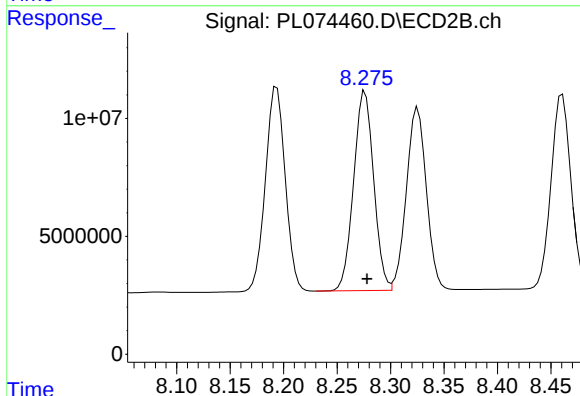
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 23883984
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

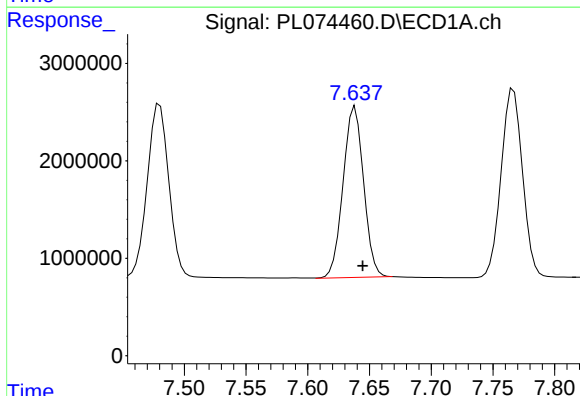
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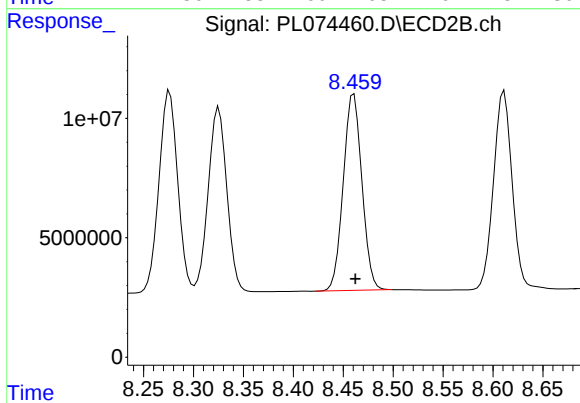
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 110411865
Conc: 51.29 ng/ml



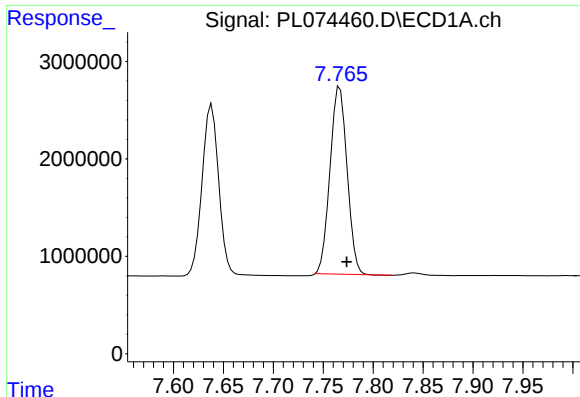
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 20276425
Conc: 55.58 ng/ml m



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 106945727
Conc: 53.70 ng/ml



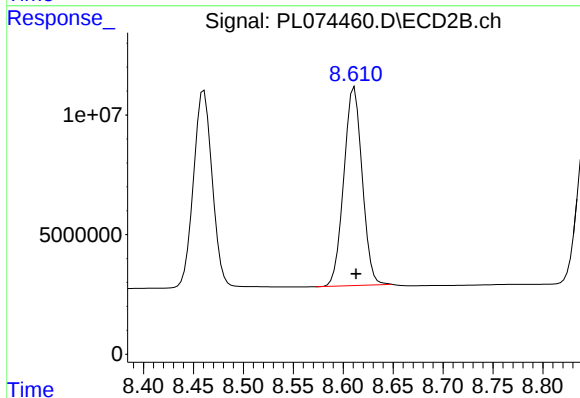
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 22887004
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

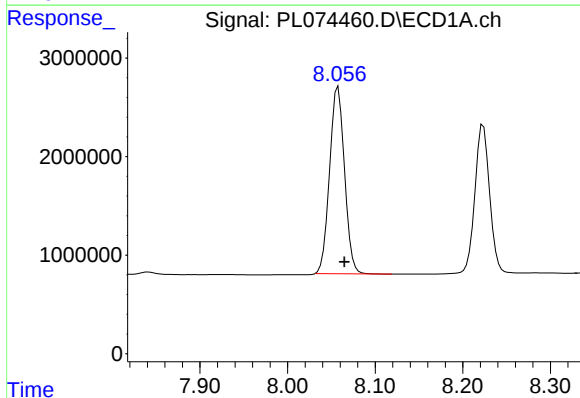
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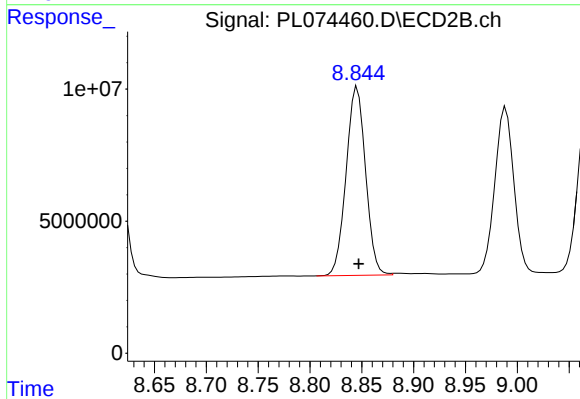
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 106276913
Conc: 53.00 ng/ml



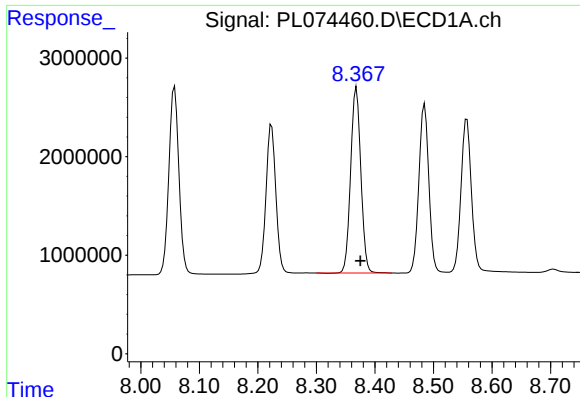
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 22453667
Conc: 55.27 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.002 min
Response: 93227227
Conc: 55.04 ng/ml



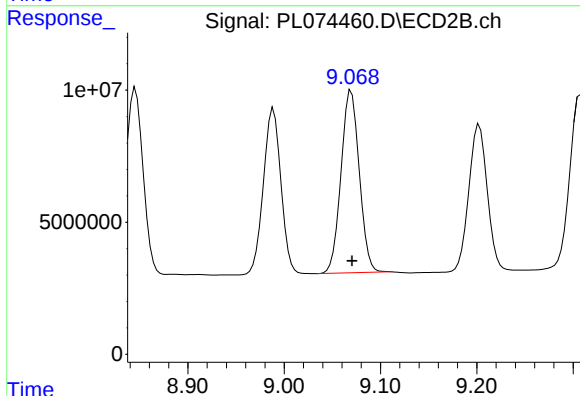
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 22763052
Conc: 55.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

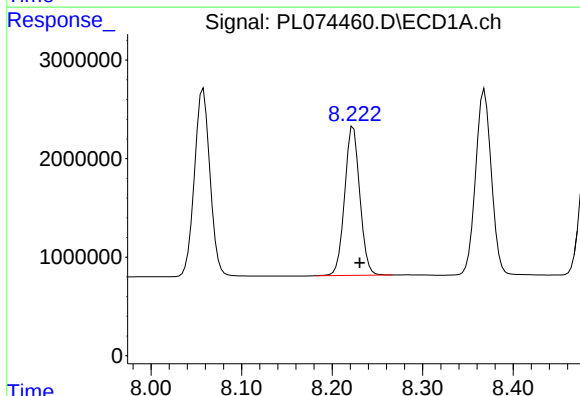
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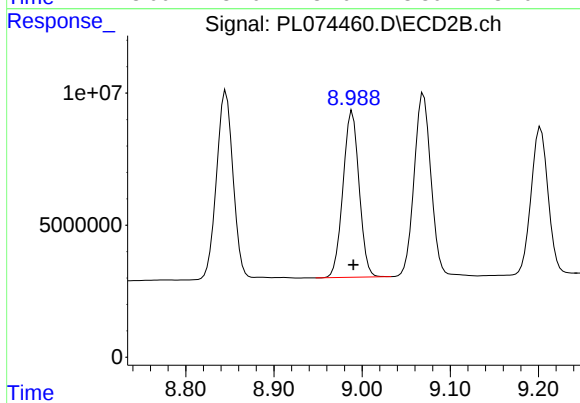
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 90952429
Conc: 52.35 ng/ml



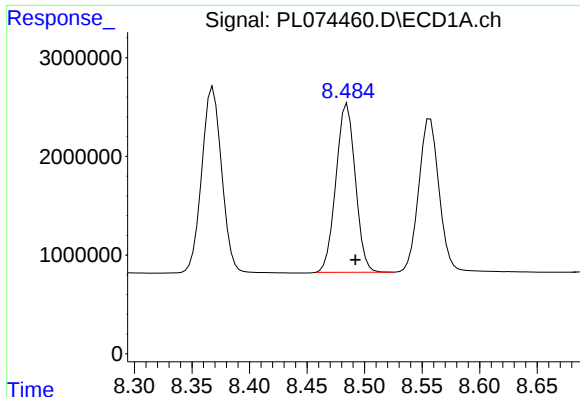
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 17576751
Conc: 54.43 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 79897105
Conc: 51.93 ng/ml



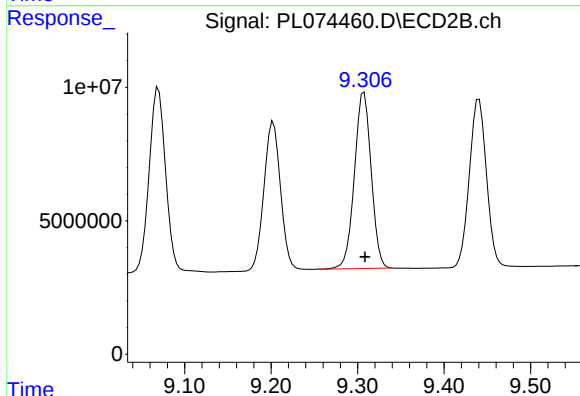
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 20026161
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

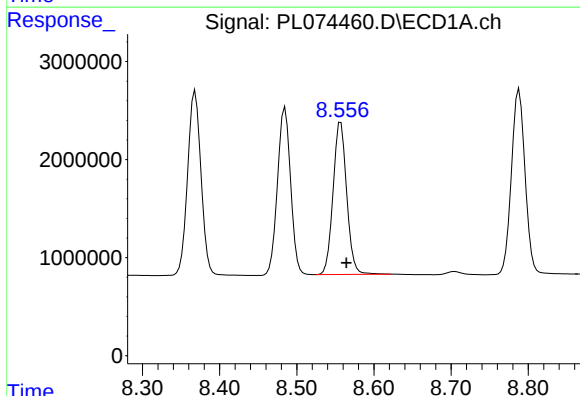
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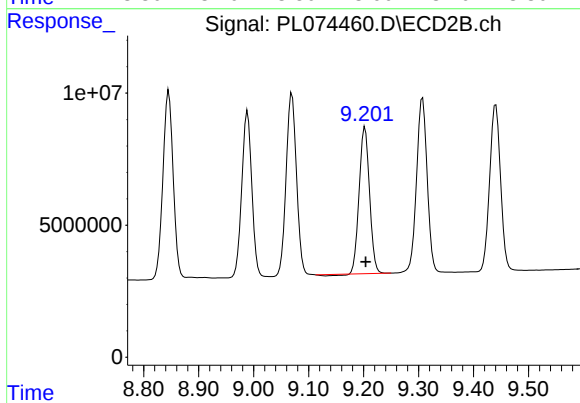
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.001 min
Response: 88824026
Conc: 50.11 ng/ml



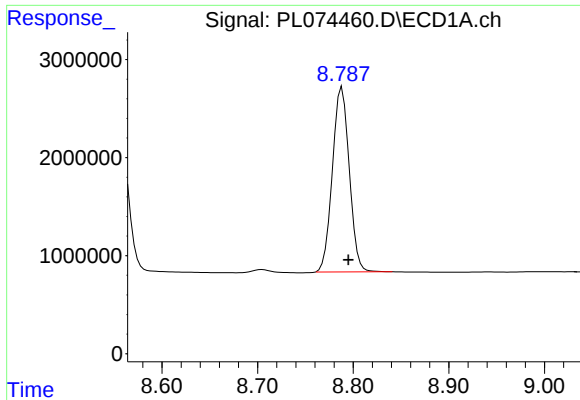
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 19109970
Conc: 59.06 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.002 min
Response: 72412704
Conc: 56.06 ng/ml



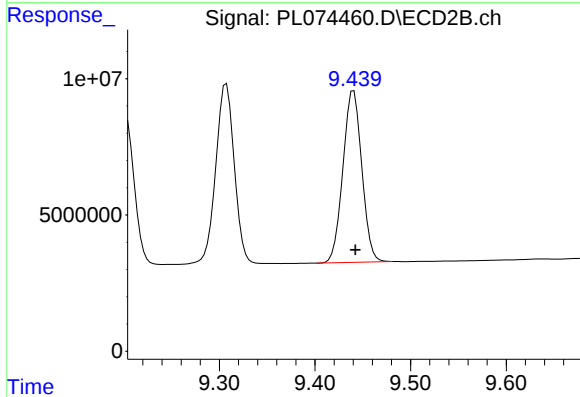
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 23073457
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

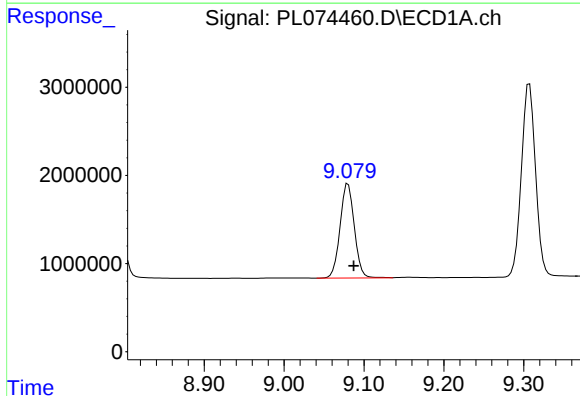
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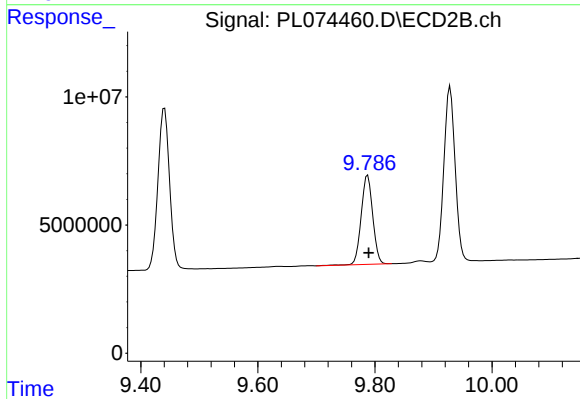
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 86631688
Conc: 52.05 ng/ml



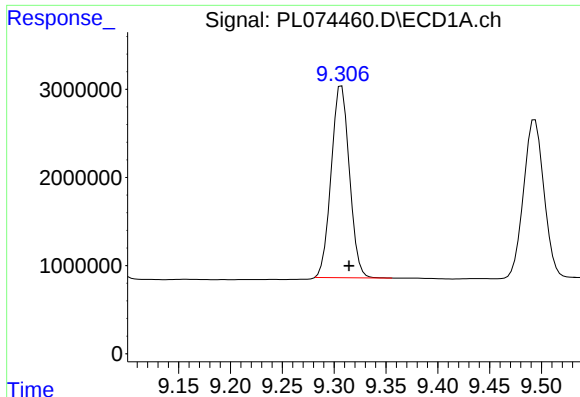
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 13271079
Conc: 53.45 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 47641600
Conc: 49.53 ng/ml



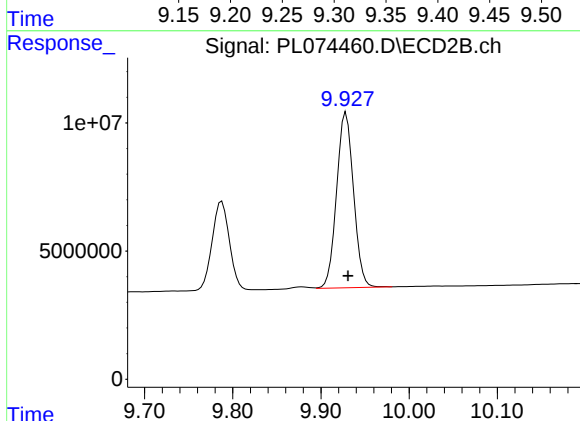
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 26573619
Conc: 54.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

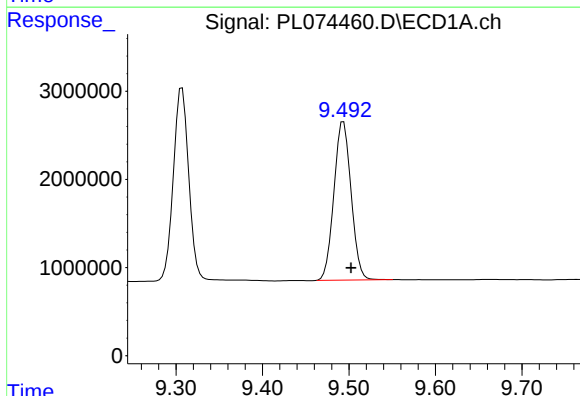
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2022
Supervised By :mohammad ahmed 05/02/2022



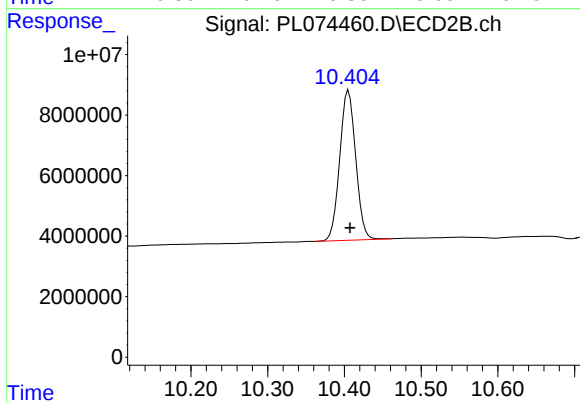
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 91452222
Conc: 52.83 ng/ml



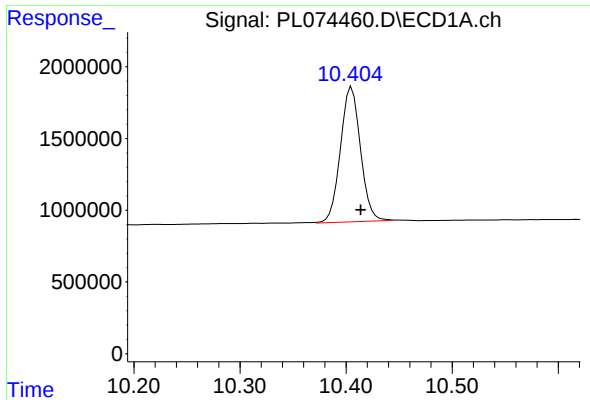
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 24724835
Conc: 53.01 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 71828056
Conc: 52.15 ng/ml



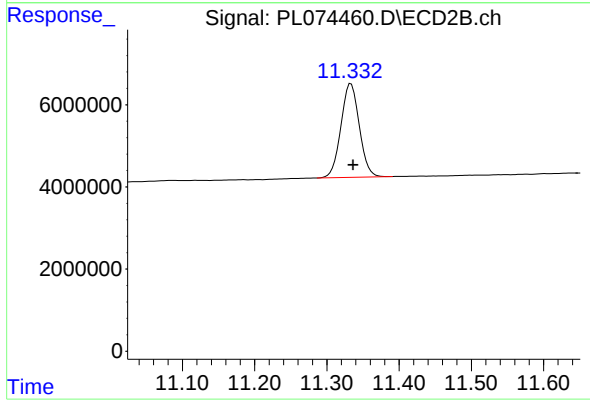
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 12289423
Conc: 23.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 40187219
Conc: 22.75 ng/ml