

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042622\
 Data File : PL074363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2022 09:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/27/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 18:59:20 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...	4.635	5.490	17090845	92698725	52.895	51.991
28)	SA Decachlor...	10.405	11.333	26080913	93828021	50.153	53.121
Target Compounds							
2)	A alpha-BHC	5.343	6.053	21945456	134.7E6	52.293	53.505
3)	MA gamma-BHC...	5.766	6.442	21522407	126.5E6	51.317	53.433
4)	MA Heptachlor	6.177	7.101	22408513	132.5E6	49.746	50.805
5)	MB Aldrin	6.502	7.469	20972824	126.3E6	50.531	53.771
6)	B beta-BHC	6.147	6.679	10771838	58156085	52.719	51.602
7)	B delta-BHC	6.408	6.947	21355388	127.6E6	51.624	52.265
8)	B Heptachlo...	7.078	7.926	21649816	117.8E6	50.473	52.321
9)	A Endosulfan I	7.482	8.326	20980083	108.1E6	51.156	54.935
10)	B gamma-Chl...	7.355	8.194	22149222	119.0E6	50.501	53.350
11)	B alpha-Chl...	7.426	8.276	22260587	116.5E6	50.389	54.104
12)	B 4,4'-DDE	7.639	8.461	18489336	112.1E6	50.681	56.294
13)	MA Dieldrin	7.767	8.611	20889628	109.8E6	48.629	54.774
14)	MA Endrin	8.058	8.846	19102919	89014633	47.024	52.557
15)	B Endosulfa...	8.370	9.070	19901176	88928295	48.285	51.190
16)	A 4,4'-DDD	8.224	8.989	17022768	88292749	52.714	57.385
17)	MA 4,4'-DDT	8.486	9.308	16251849	84000178	43.967	47.386
18)	B Endrin al...	8.558	9.203	15305162	66477618	47.303	51.468
19)	B Endosulfa...	8.789	9.440	21375926	89628960	50.058	53.853
20)	A Methoxychlor	9.081	9.788	10367655	41784560	41.760	43.442
21)	B Endrin ke...	9.306	9.929	26112952	97692021	53.450m	56.439
22)	Mirex	9.495	10.405	23116035	73406158	49.562	53.293

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042622\
 Data File : PL074363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2022 09:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

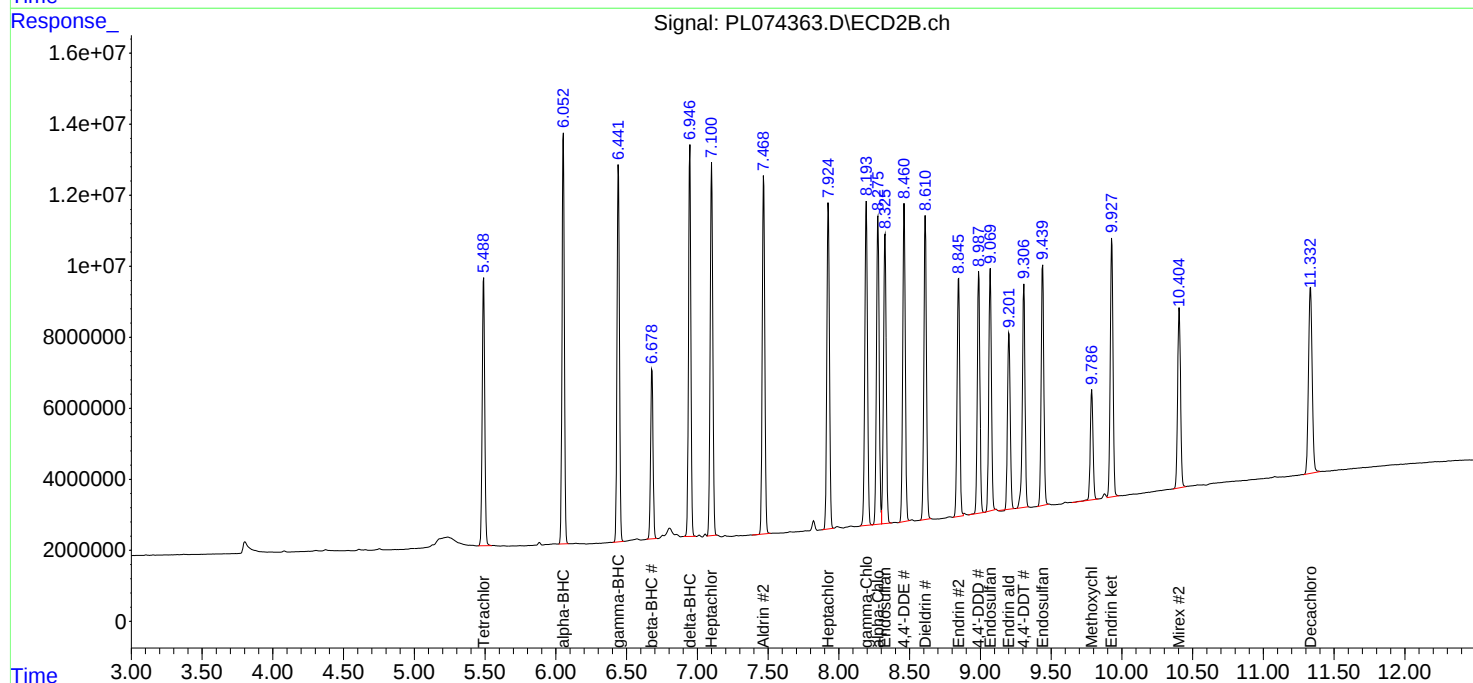
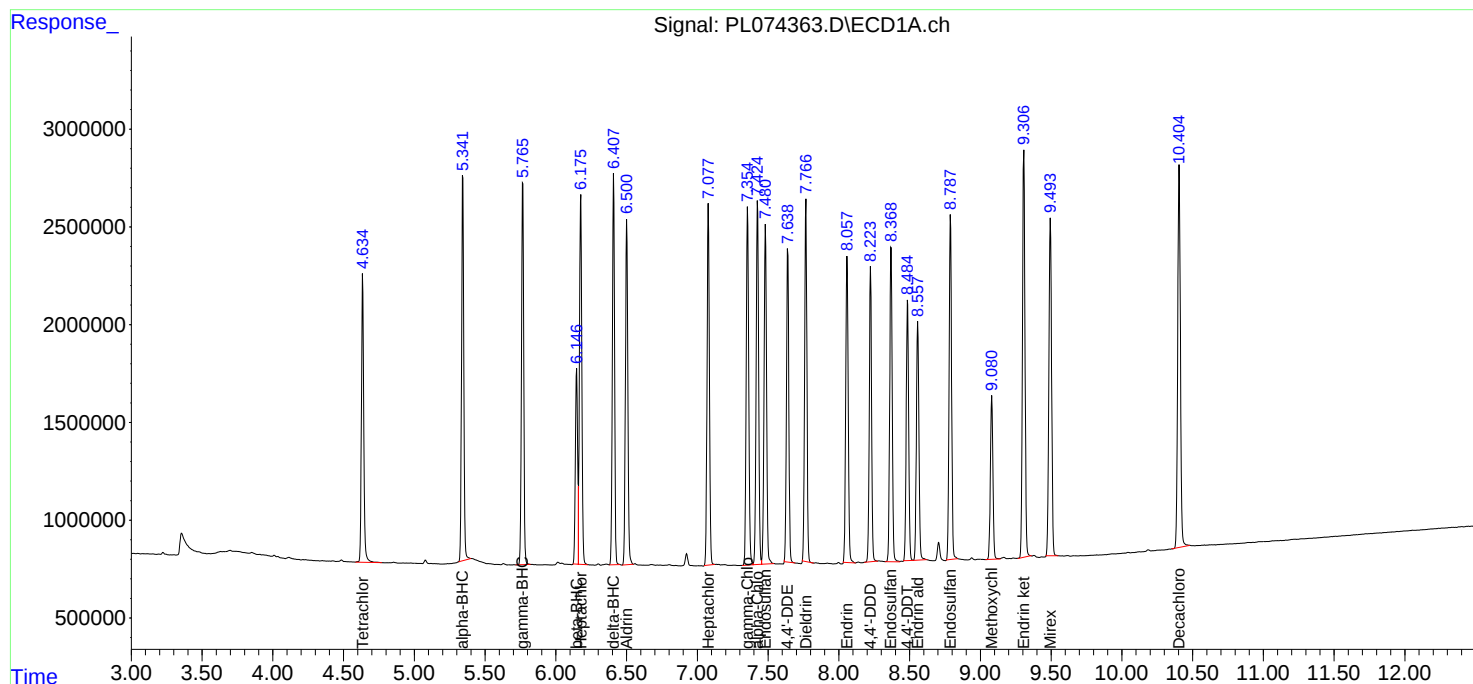
APPROVED

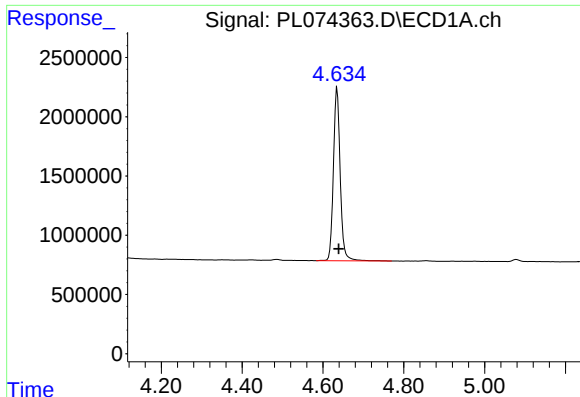
Reviewed By :Abdul Mirza 04/27/2022

Supervised By :mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 18:59:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





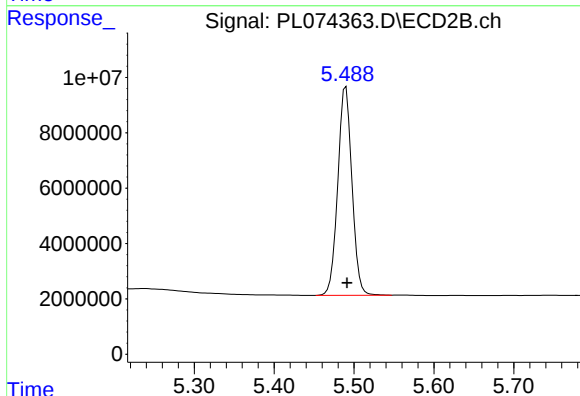
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 17090845
Conc: 52.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

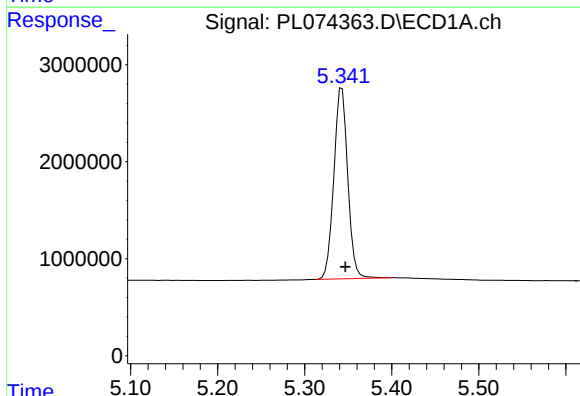
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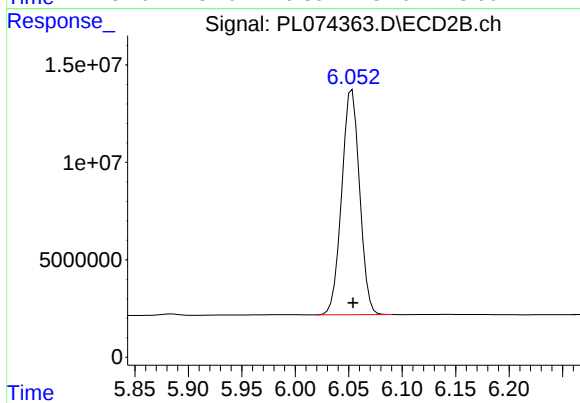
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 92698725
Conc: 51.99 ng/ml



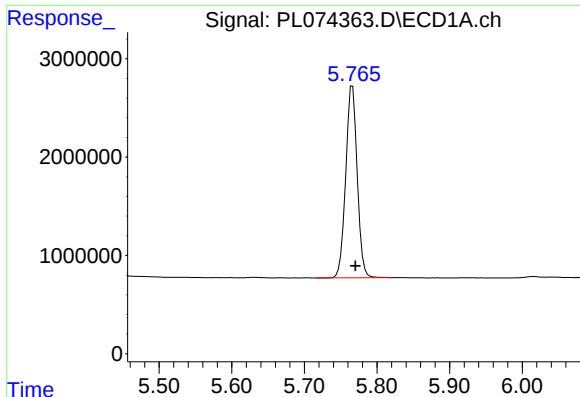
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 21945456
Conc: 52.29 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 134730910
Conc: 53.51 ng/ml



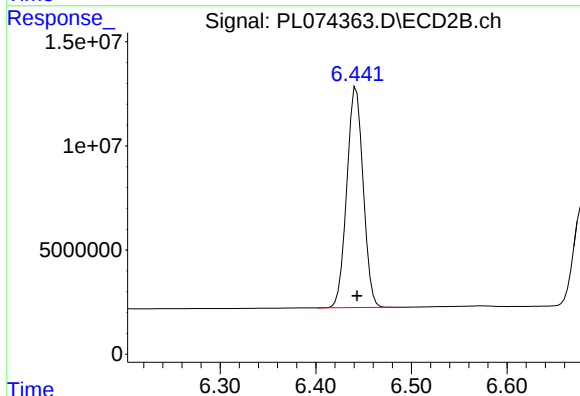
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 21522407
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

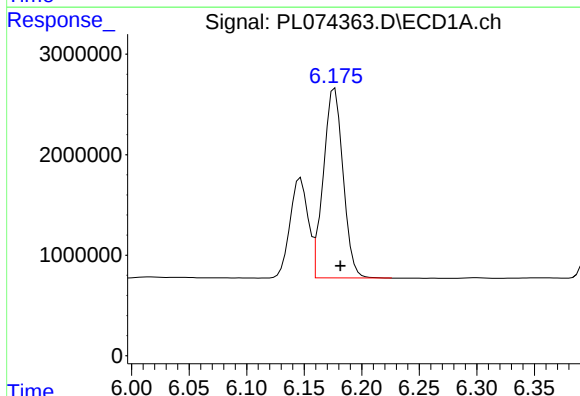
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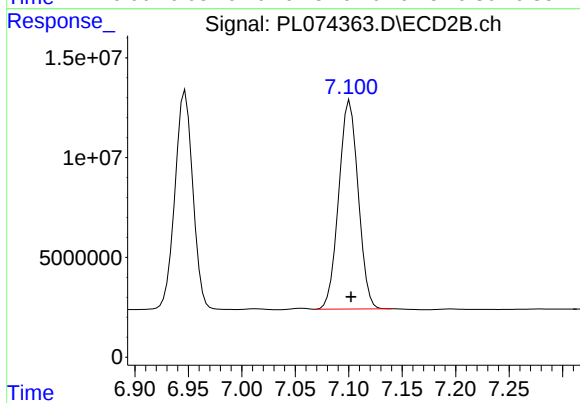
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 126481216
Conc: 53.43 ng/ml



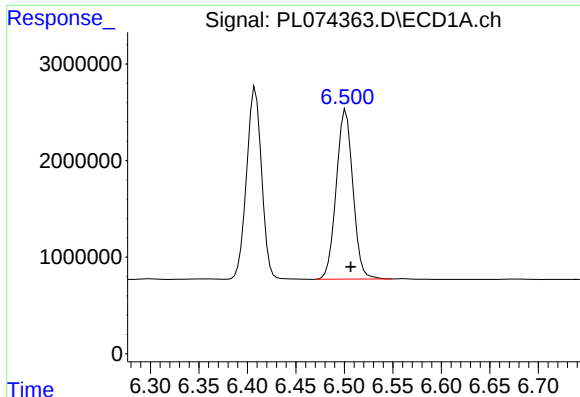
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 22408513
Conc: 49.75 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 132521073
Conc: 50.81 ng/ml



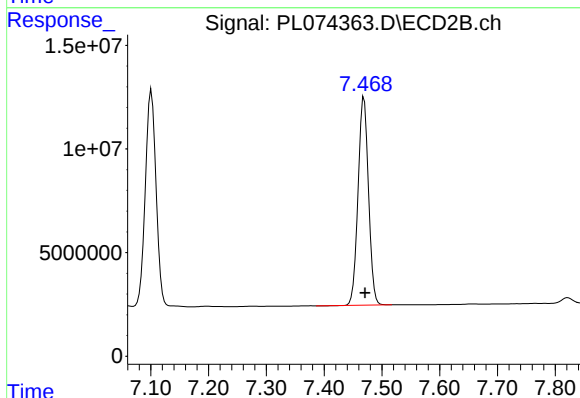
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 20972824
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

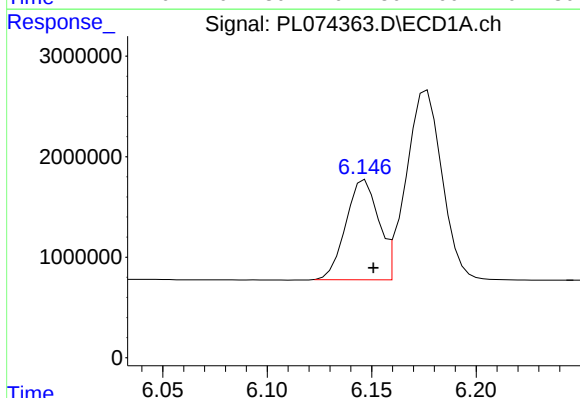
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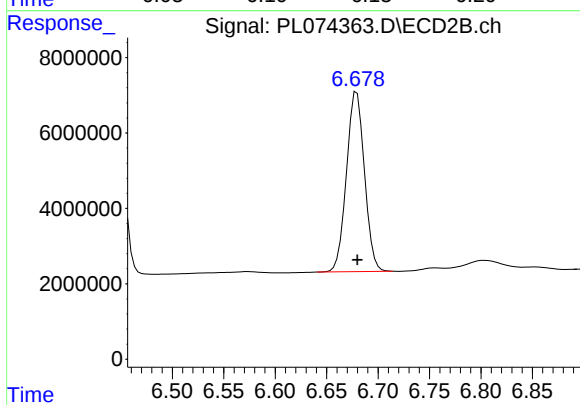
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 126287387
Conc: 53.77 ng/ml



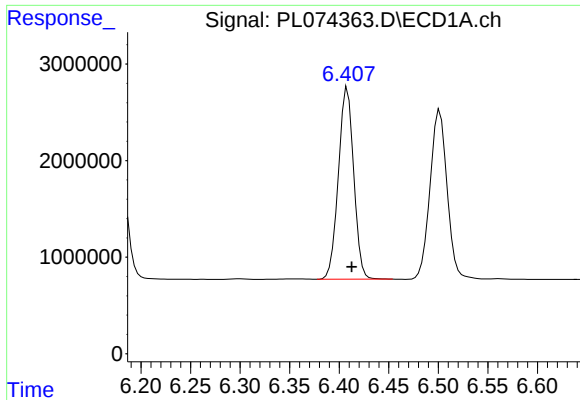
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 10771838
Conc: 52.72 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 58156085
Conc: 51.60 ng/ml



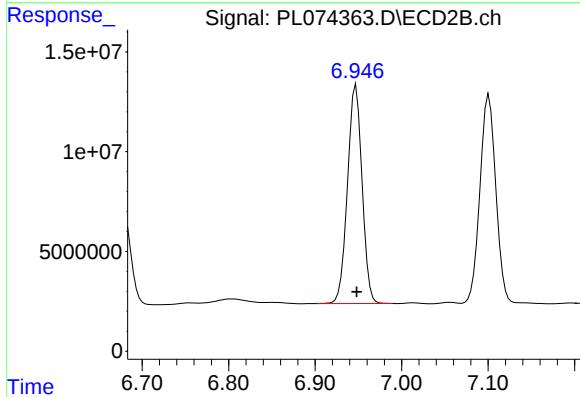
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 21355388
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

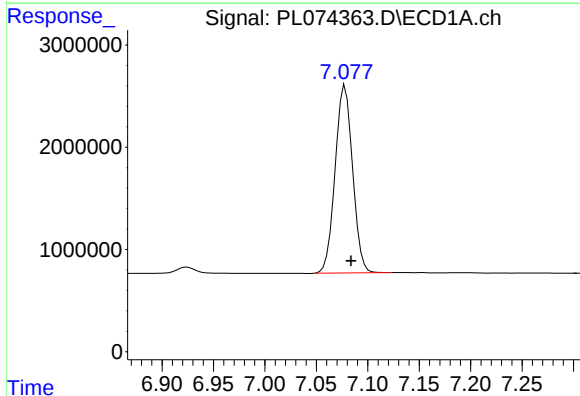
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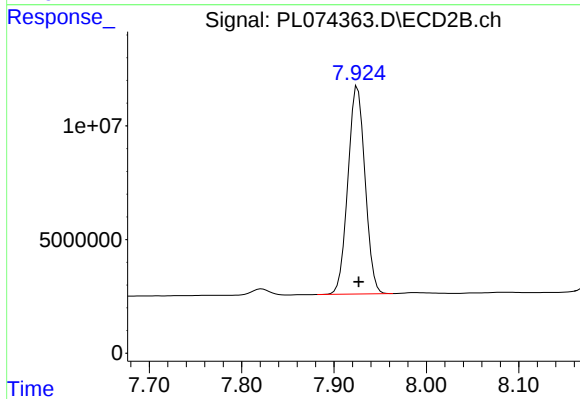
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 127645935
Conc: 52.27 ng/ml



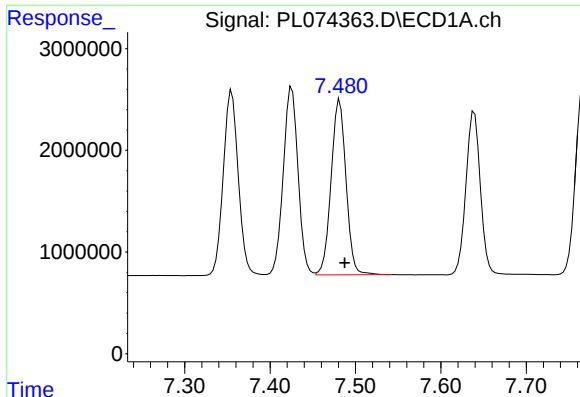
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 21649816
Conc: 50.47 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 117803451
Conc: 52.32 ng/ml



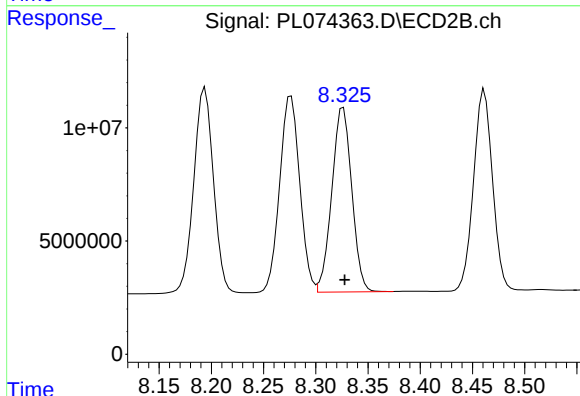
#9 Endosulfan I

R.T.: 7.482 min
Delta R.T.: -0.006 min
Response: 20980083
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

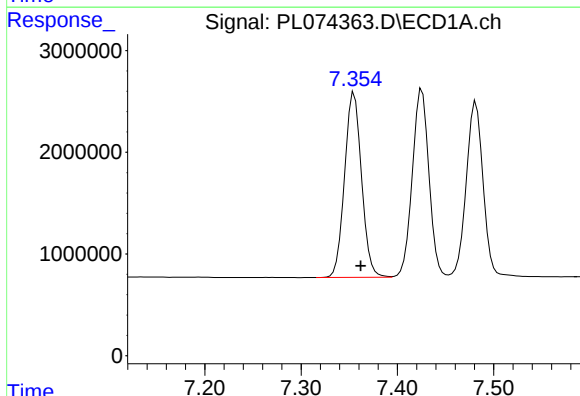
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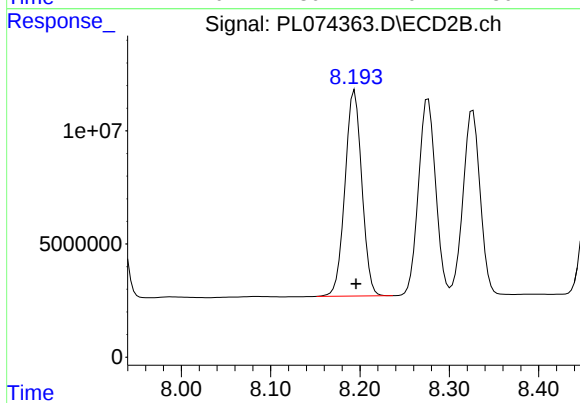
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 108149060
Conc: 54.94 ng/ml



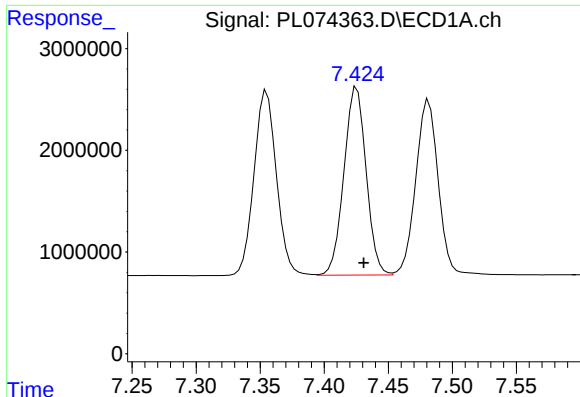
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 22149222
Conc: 50.50 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 118989713
Conc: 53.35 ng/ml



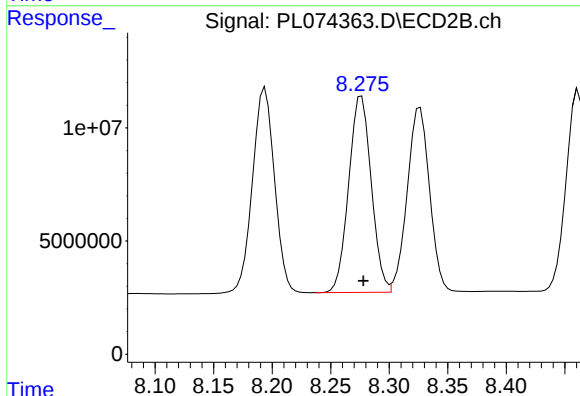
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 22260587
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

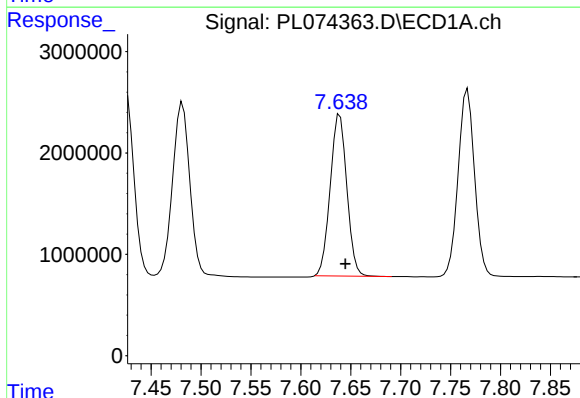
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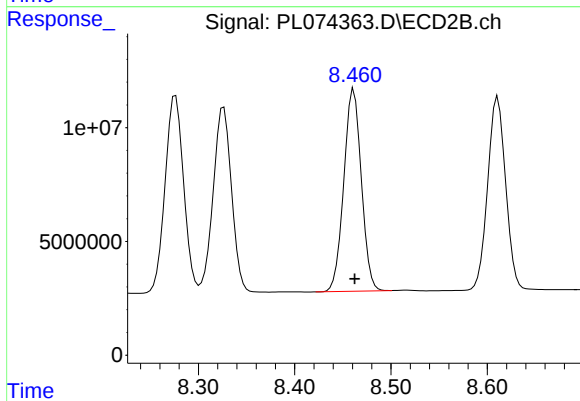
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 116464003
Conc: 54.10 ng/ml



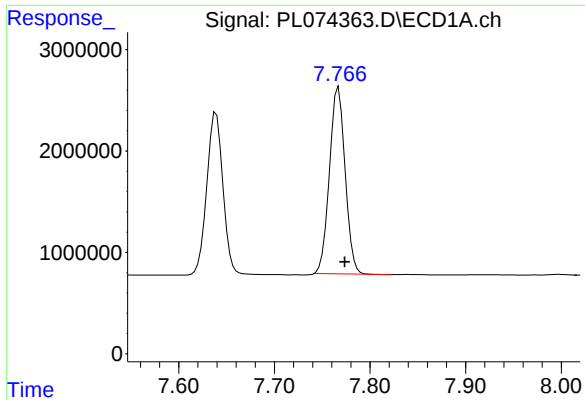
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 18489336
Conc: 50.68 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 112120992
Conc: 56.29 ng/ml



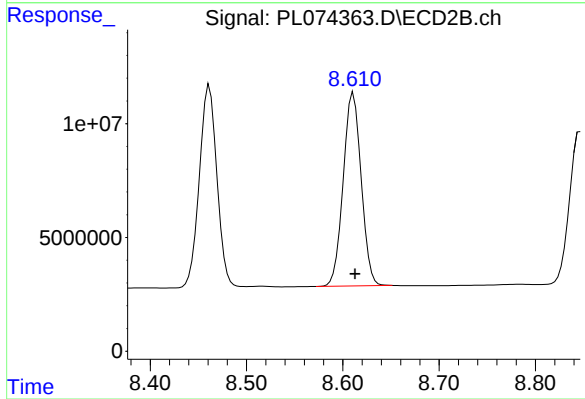
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.006 min
Response: 20889628
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

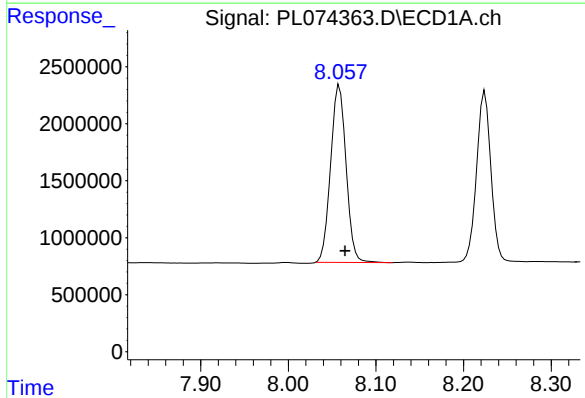
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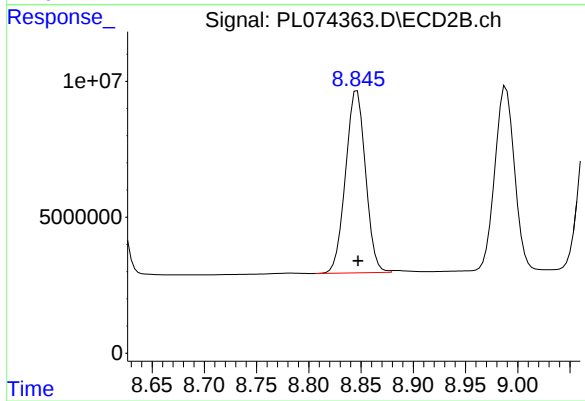
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 109838236
Conc: 54.77 ng/ml



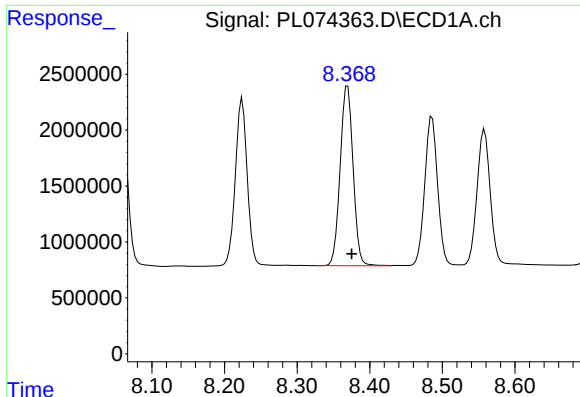
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 19102919
Conc: 47.02 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 89014633
Conc: 52.56 ng/ml



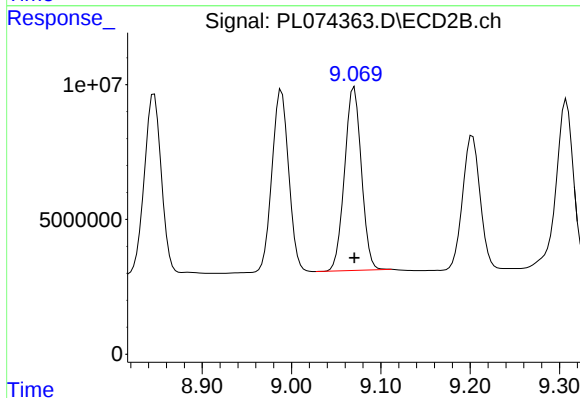
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.006 min
Response: 19901176
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

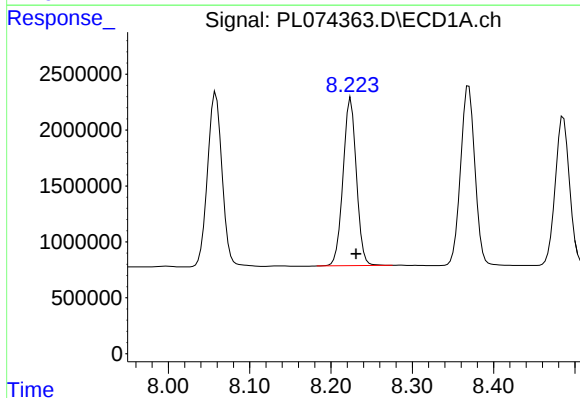
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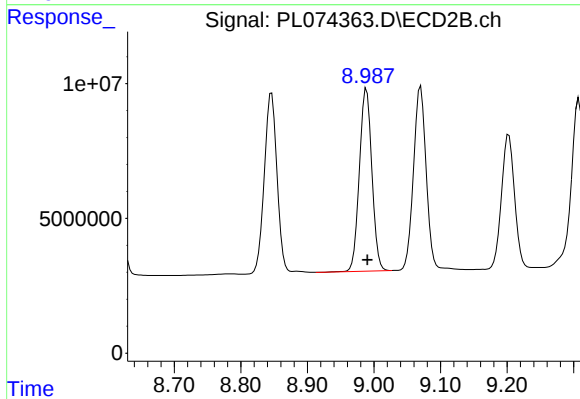
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 88928295
Conc: 51.19 ng/ml



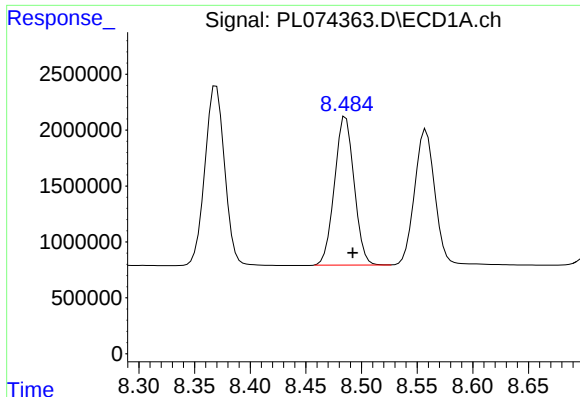
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 17022768
Conc: 52.71 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 88292749
Conc: 57.39 ng/ml



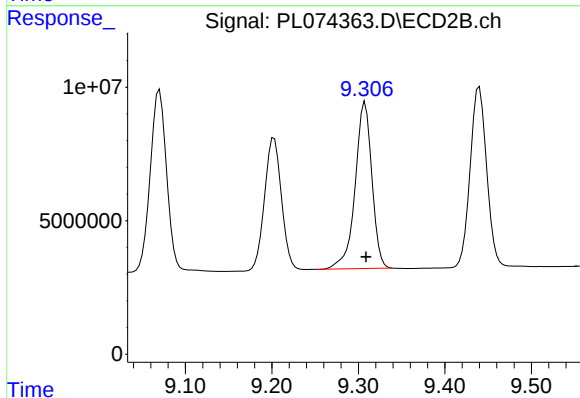
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 16251849
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

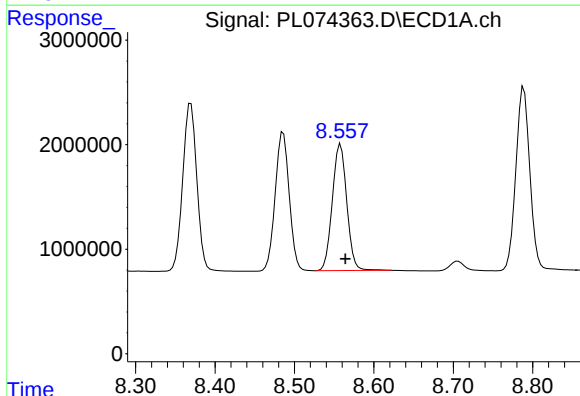
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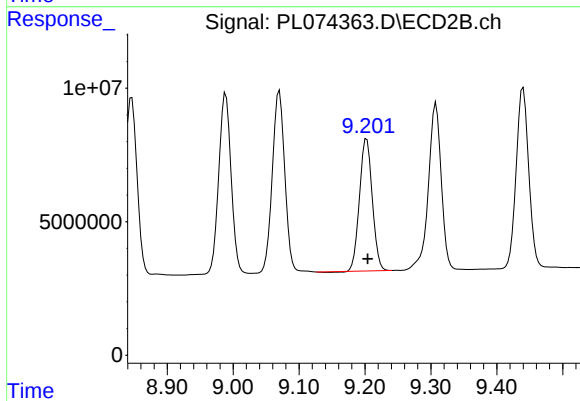
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 84000178
Conc: 47.39 ng/ml



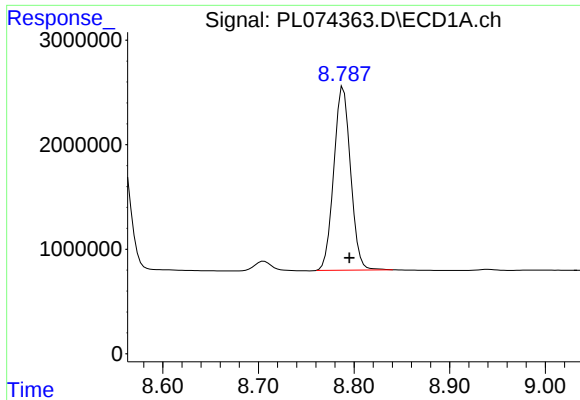
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.006 min
Response: 15305162
Conc: 47.30 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.002 min
Response: 66477618
Conc: 51.47 ng/ml



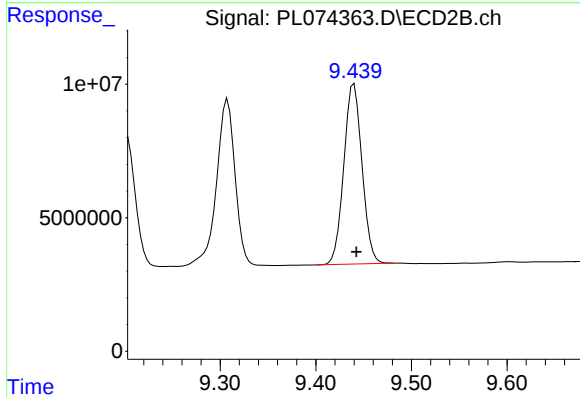
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 21375926
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

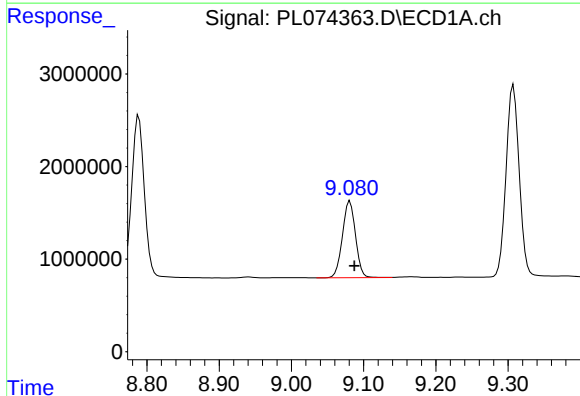
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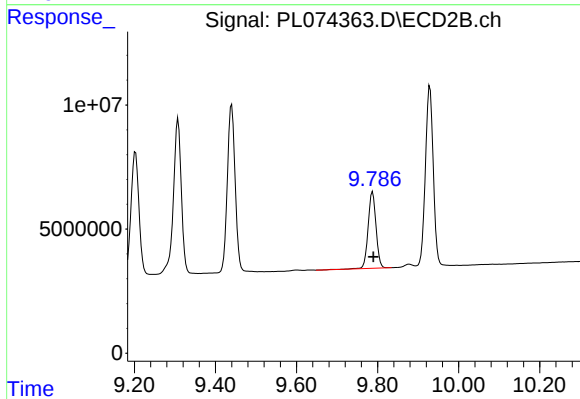
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 89628960
Conc: 53.85 ng/ml



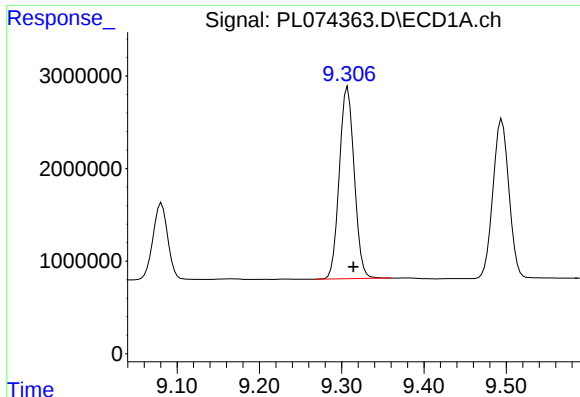
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 10367655
Conc: 41.76 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 41784560
Conc: 43.44 ng/ml



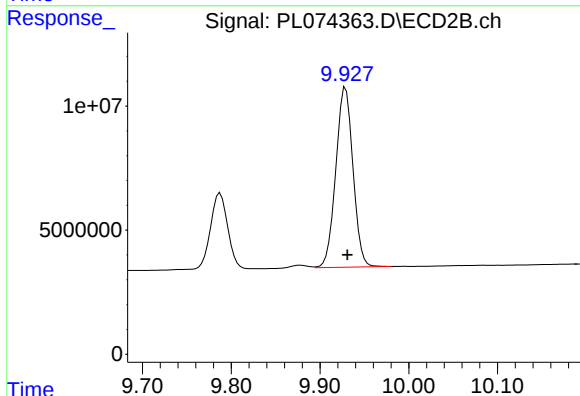
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.008 min
Response: 26112952
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

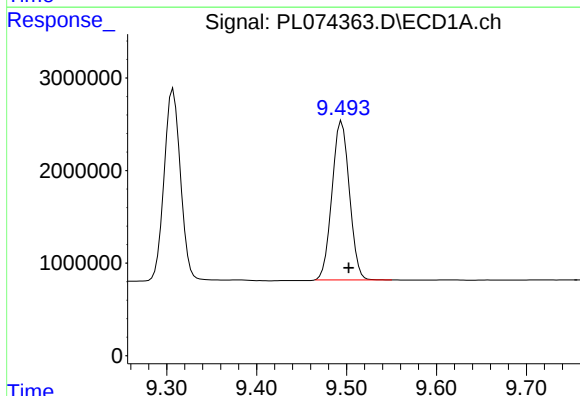
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/27/2022
Supervised By :mohammad ahmed 04/28/2022



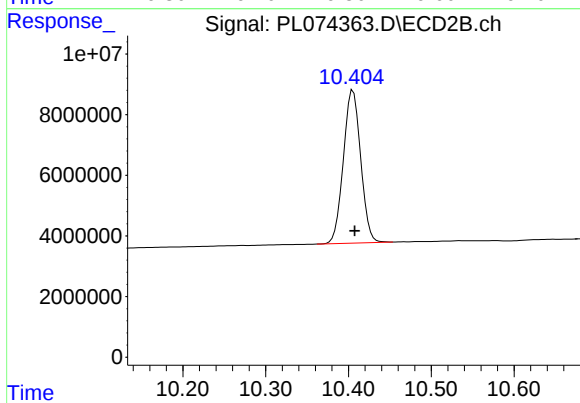
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 97692021
Conc: 56.44 ng/ml



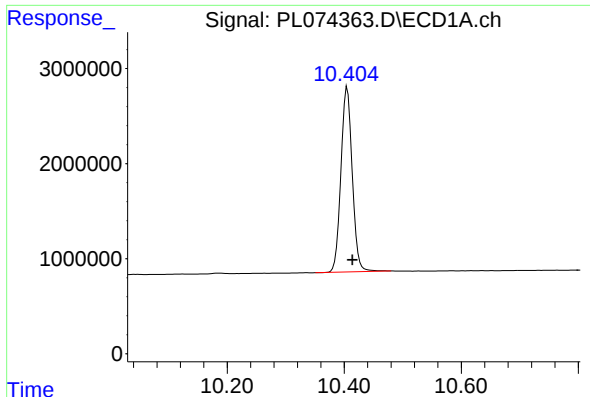
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.008 min
Response: 23116035
Conc: 49.56 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 73406158
Conc: 53.29 ng/ml



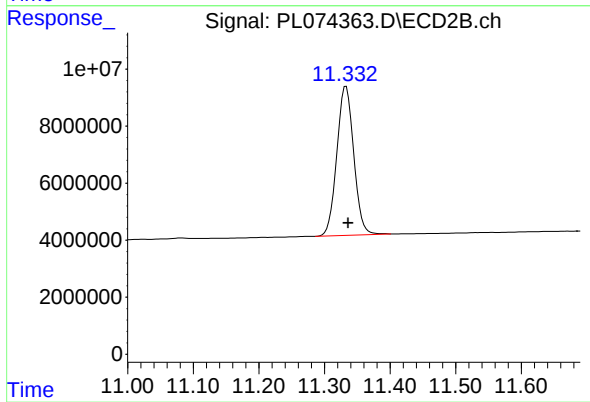
#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 26080913
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 04/28/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 93828021
Conc: 53.12 ng/ml