

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 18:43
 Operator : AR\AJ
 Sample : N2514-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-16-1A-5MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2022
 Supervised By : mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:10:58 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	5.489	6600447	35081813	20.428	19.676
28)	SA Decachlor...	10.402	11.330	10213016	37003712	19.639m	20.950
Target Compounds							
2)	A alpha-BHC	5.341	6.052	23720666	144.7E6	56.523	57.448
3)	MA gamma-BHC...	5.764	6.441	23271766	134.9E6	55.488	56.977
4)	MA Heptachlor	6.175	7.100	24021086	142.2E6	53.326	54.518
5)	MB Aldrin	6.500	7.468	23115765	138.1E6	55.694	58.781
6)	B beta-BHC	6.145	6.678	10645494	58745731	52.100	52.125
7)	B delta-BHC	6.406	6.946	23523016	138.1E6	56.864	56.533
8)	B Heptachlo...	7.076	7.924	23153506	124.0E6	53.979	55.084
9)	A Endosulfan I	7.479	8.325	22168307	114.0E6	54.053	57.921
10)	B gamma-Chl...	7.353	8.193	23775648	124.4E6	54.209	55.769
11)	B alpha-Chl...	7.423	8.275	24014585	122.8E6	54.359	57.068
12)	B 4,4'-DDE	7.636	8.460	20527726	118.9E6	56.268m	59.713
13)	MA Dieldrin	7.764	8.610	23524978	120.2E6	54.764m	59.957
14)	MA Endrin	8.056	8.844	22382751	105.1E6	55.098	62.039
15)	B Endosulfa...	8.367	9.068	23013152	101.2E6	55.835	58.241
16)	A 4,4'-DDD	8.223	8.987	17889952	90513465	55.400	58.828
17)	MA 4,4'-DDT	8.483	9.305	19961656	97703020	54.003	55.116
18)	B Endrin al...	8.555	9.201	18848128	80239658	58.253	62.123
19)	B Endosulfa...	8.787	9.439	23110667	95319731	54.121	57.272
20)	A Methoxychlor	9.079	9.785	13142486	50924179	52.937	52.944
21)	B Endrin ke...	9.305	9.926	26658012	99203569	54.565	57.312
22)	Mirex	9.492	10.403	24501154	75694576	52.532	54.954

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 18:43
 Operator : AR\AJ
 Sample : N2514-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

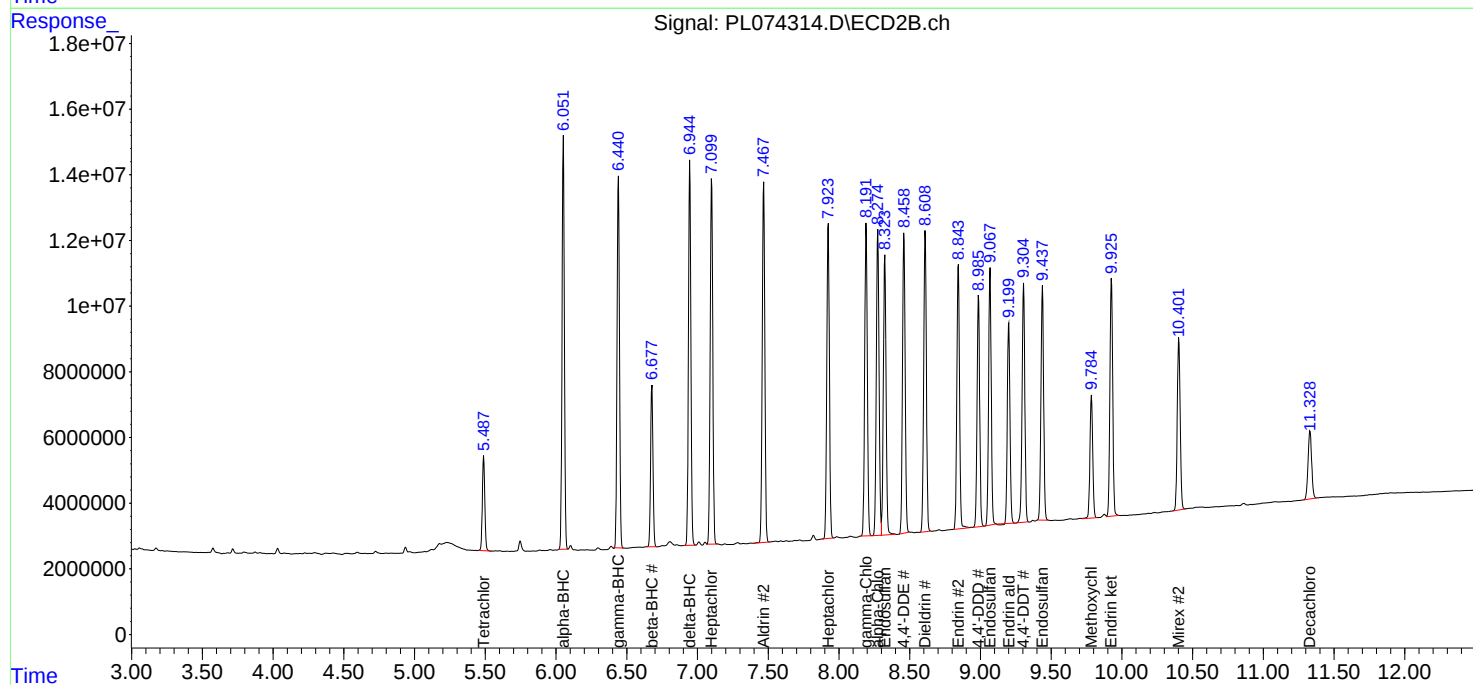
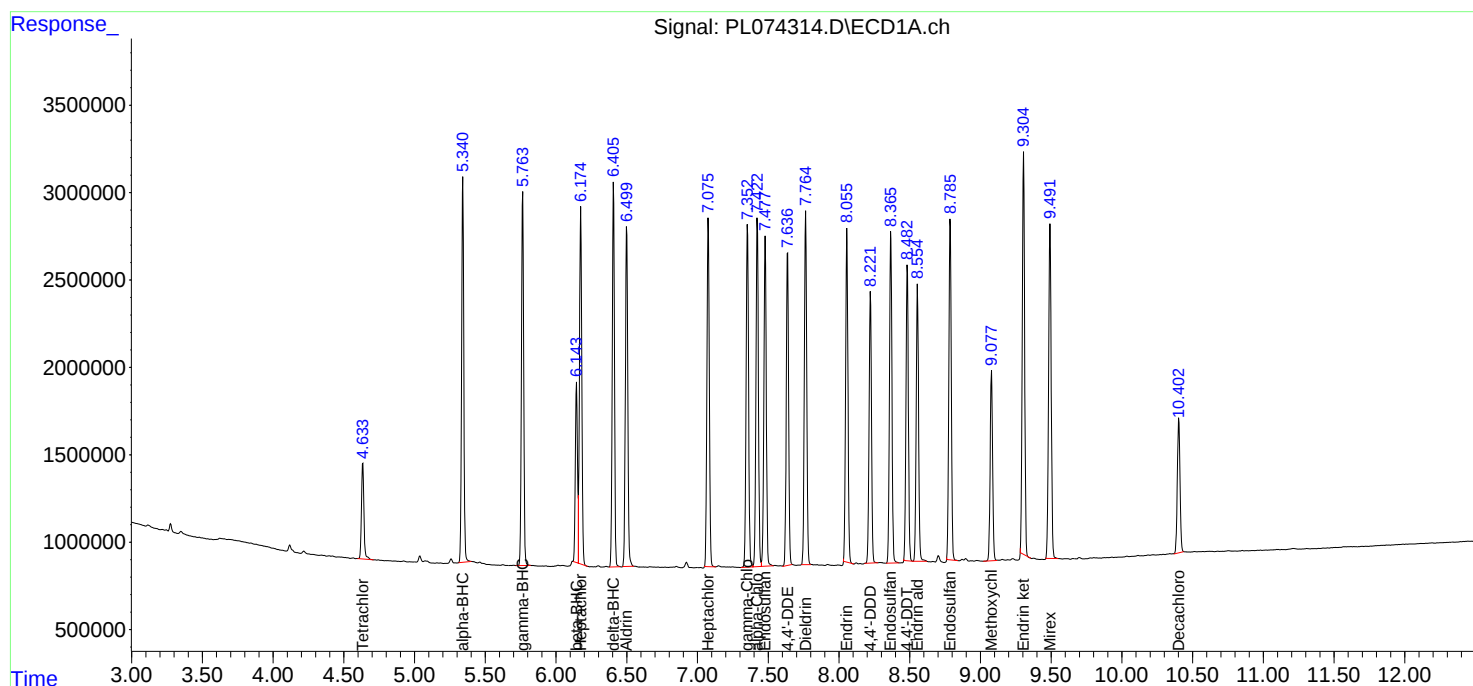
Instrument :
 ECD_L
 ClientSampleId :
 WC-16-1A-5MSD

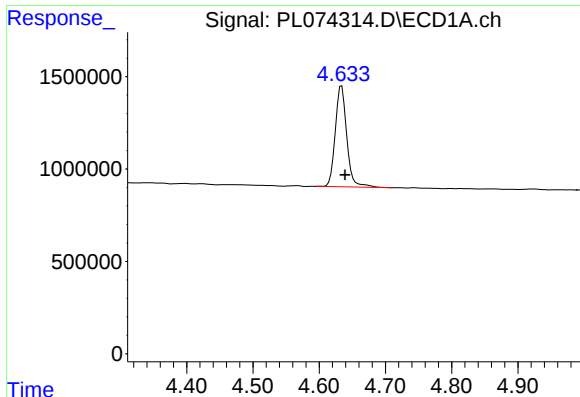
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:10:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
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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





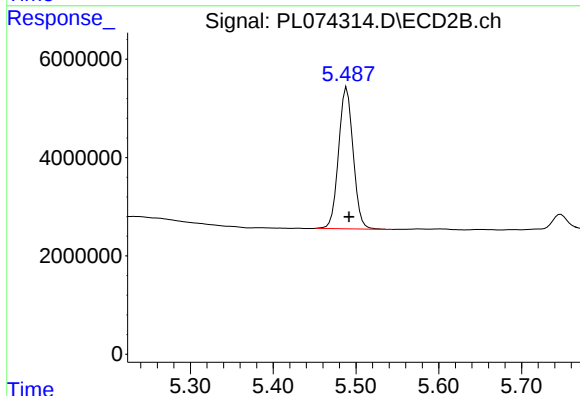
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 6600447
Conc: 20.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

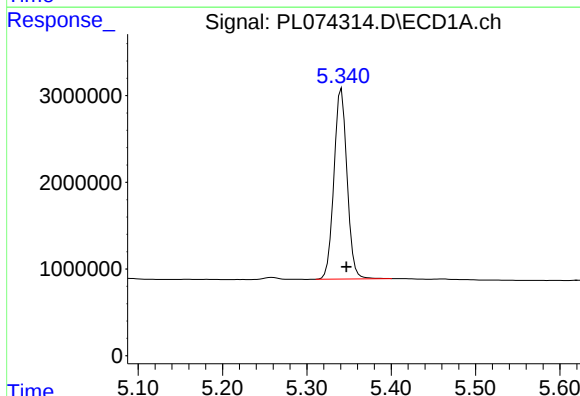
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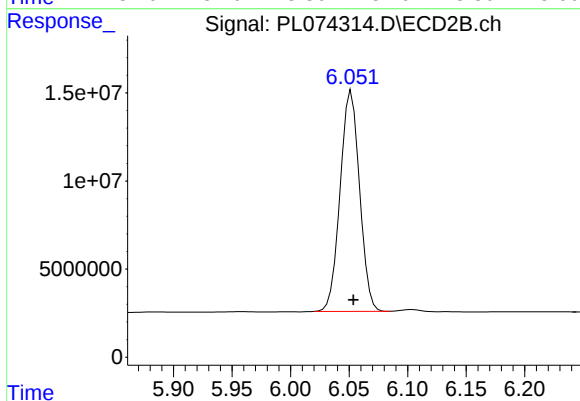
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 35081813
Conc: 19.68 ng/ml



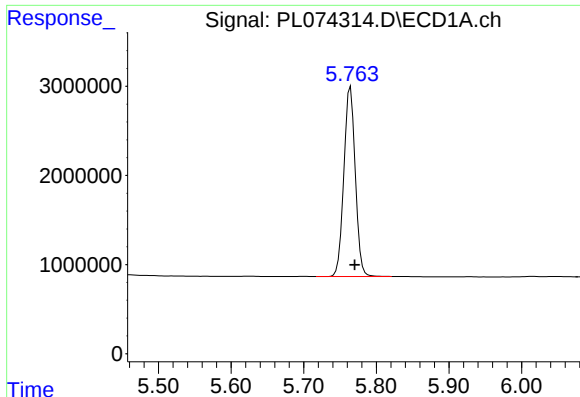
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 23720666
Conc: 56.52 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 144659540
Conc: 57.45 ng/ml



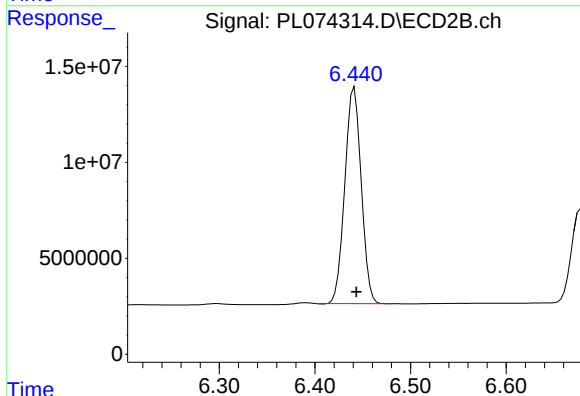
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 23271766
Conc: 55.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

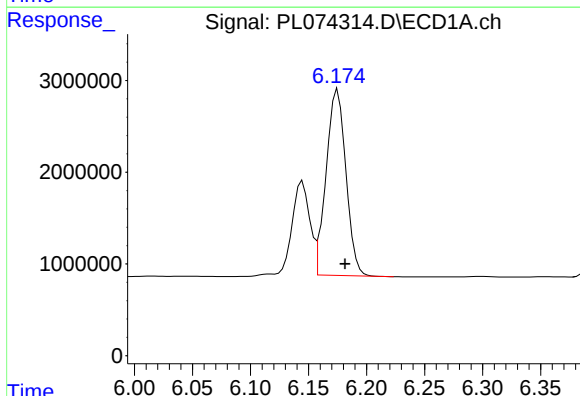
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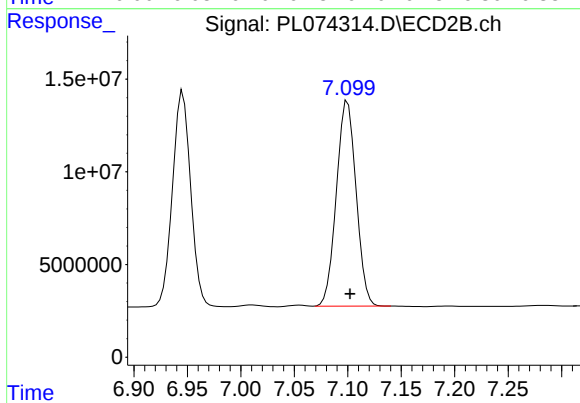
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 134871692
Conc: 56.98 ng/ml



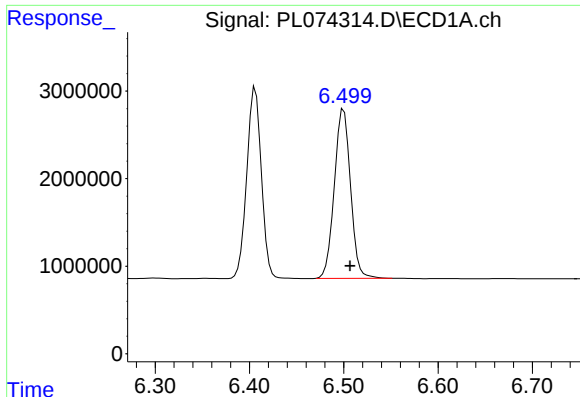
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 24021086
Conc: 53.33 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 142206144
Conc: 54.52 ng/ml



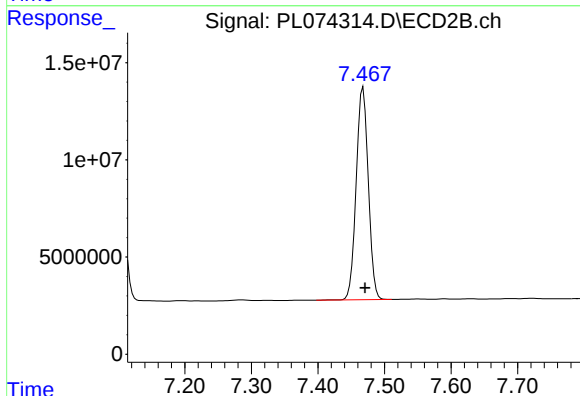
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 23115765
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

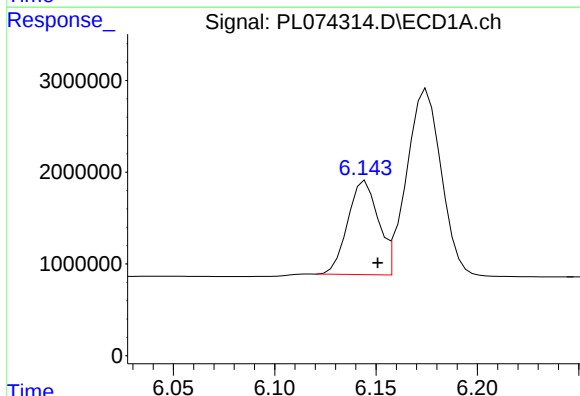
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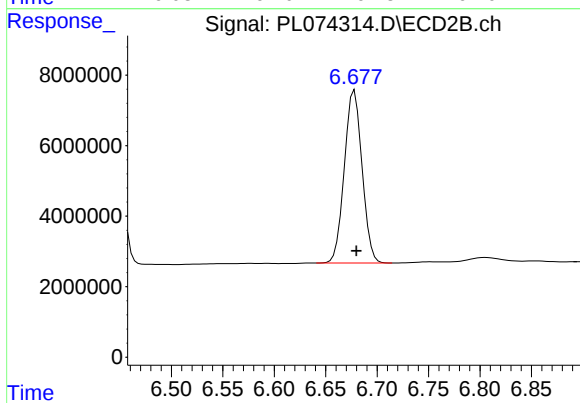
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 138053041
Conc: 58.78 ng/ml



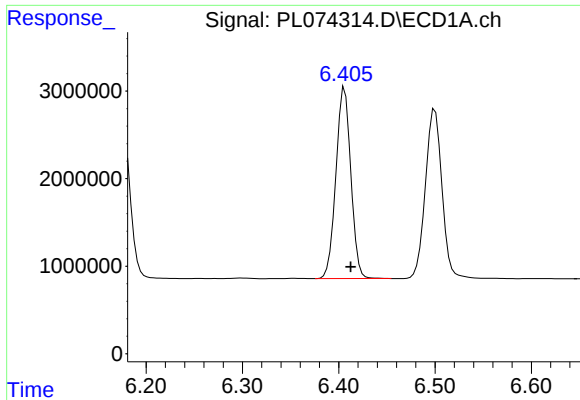
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 10645494
Conc: 52.10 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 58745731
Conc: 52.12 ng/ml



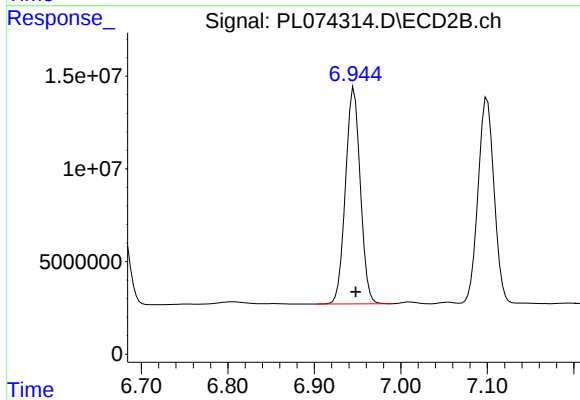
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 23523016
Conc: 56.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

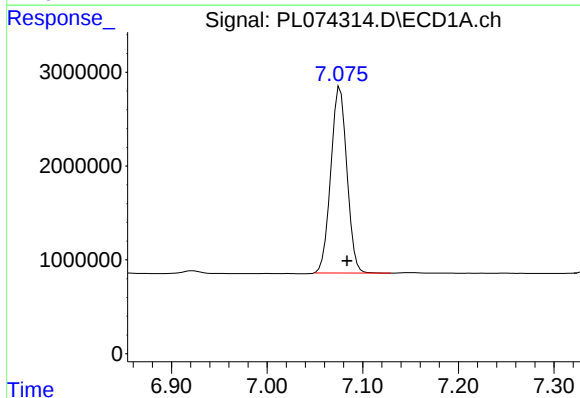
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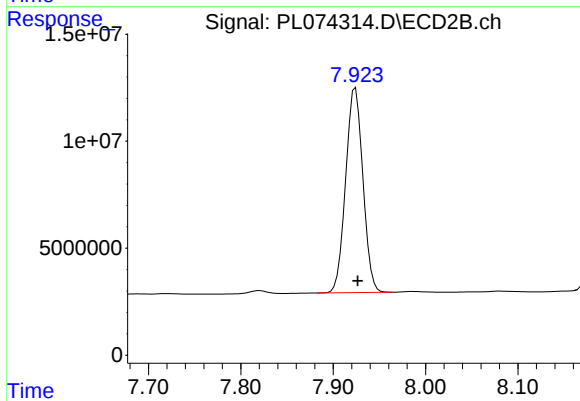
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 138068442
Conc: 56.53 ng/ml



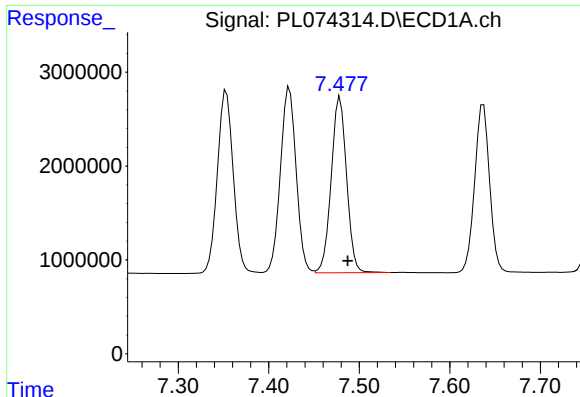
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 23153506
Conc: 53.98 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 124024640
Conc: 55.08 ng/ml



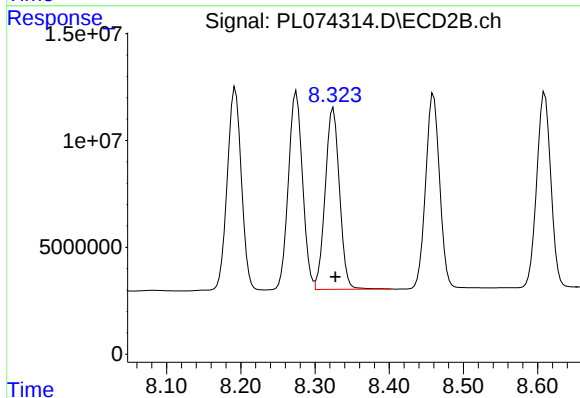
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.008 min
Response: 22168307
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

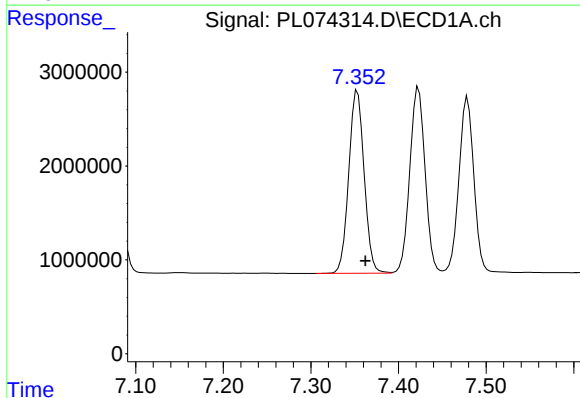
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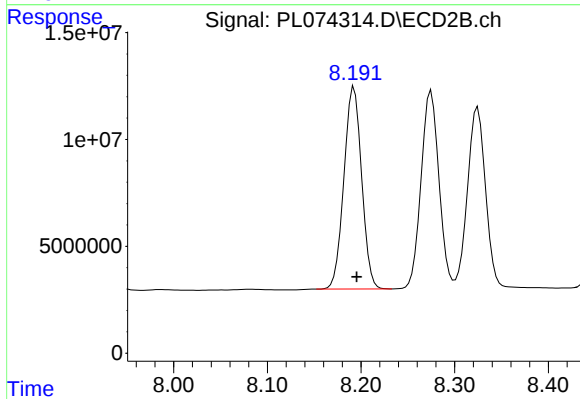
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 114027401
Conc: 57.92 ng/ml



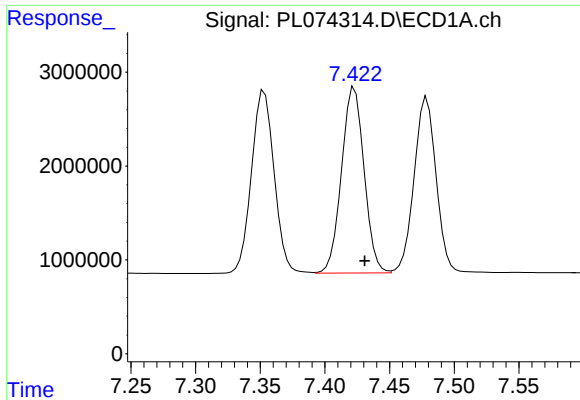
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 23775648
Conc: 54.21 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 124384082
Conc: 55.77 ng/ml



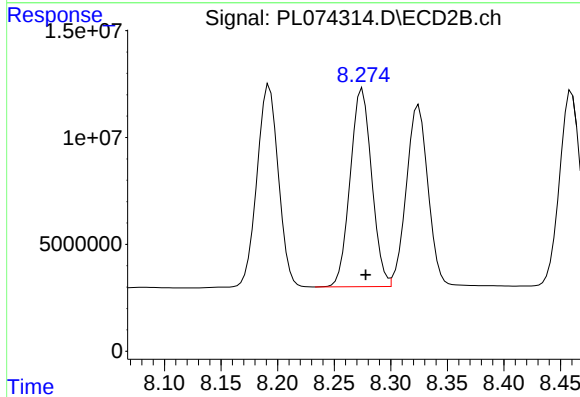
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.008 min
Response: 24014585
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

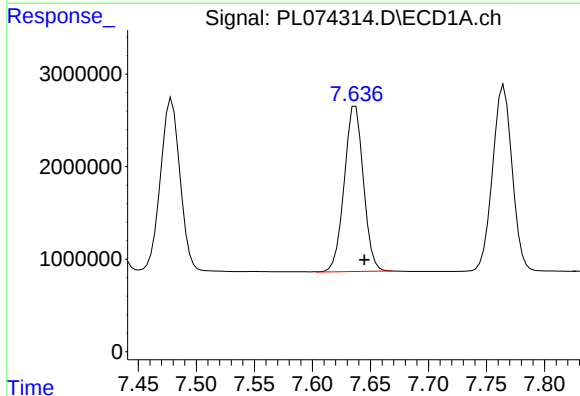
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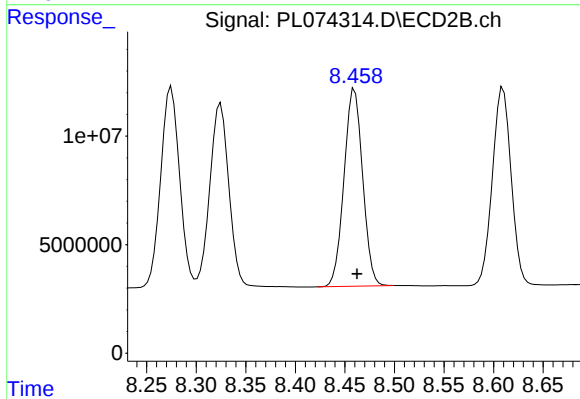
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 122843073
Conc: 57.07 ng/ml



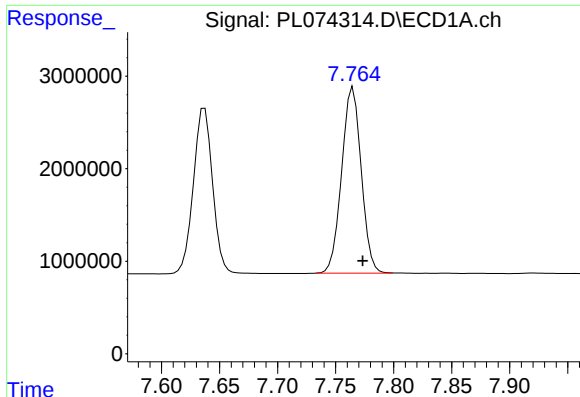
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: -0.009 min
Response: 20527726
Conc: 56.27 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 118930236
Conc: 59.71 ng/ml



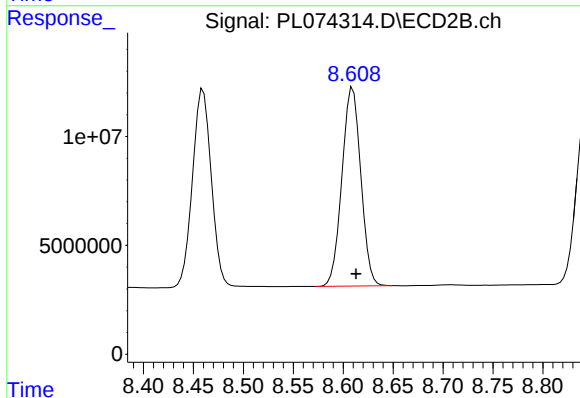
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: -0.010 min
Response: 23524978
Conc: 54.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

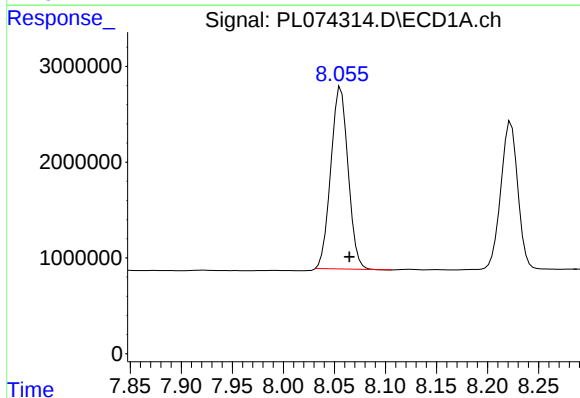
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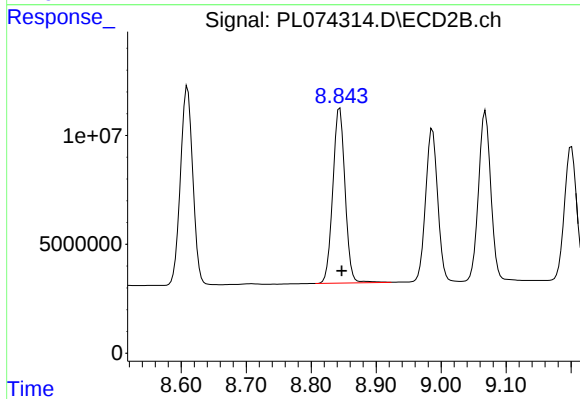
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 120231234
Conc: 59.96 ng/ml



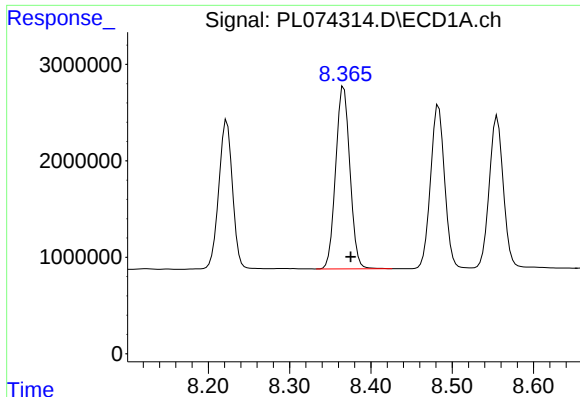
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 22382751
Conc: 55.10 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 105073053
Conc: 62.04 ng/ml



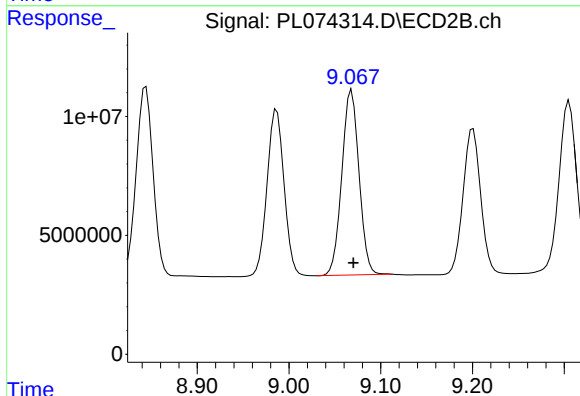
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.009 min
Response: 23013152
Conc: 55.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

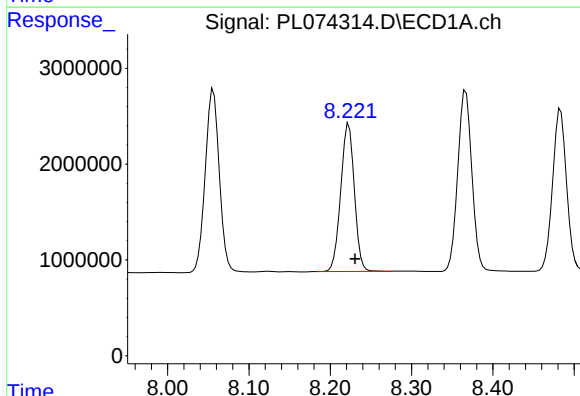
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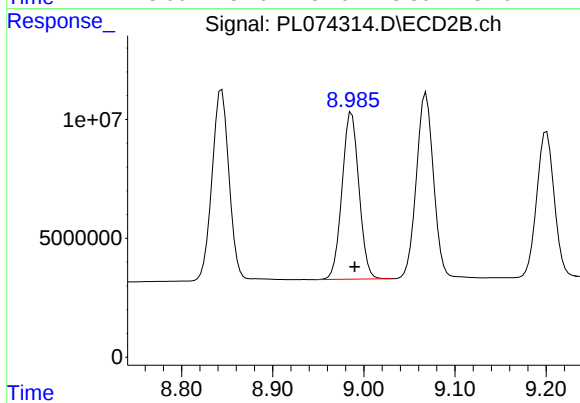
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 101178787
Conc: 58.24 ng/ml



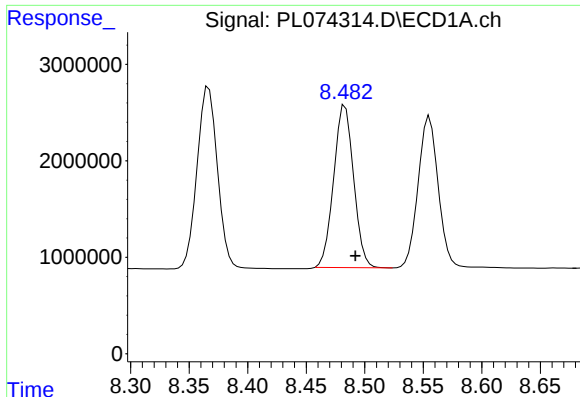
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 17889952
Conc: 55.40 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 90513465
Conc: 58.83 ng/ml



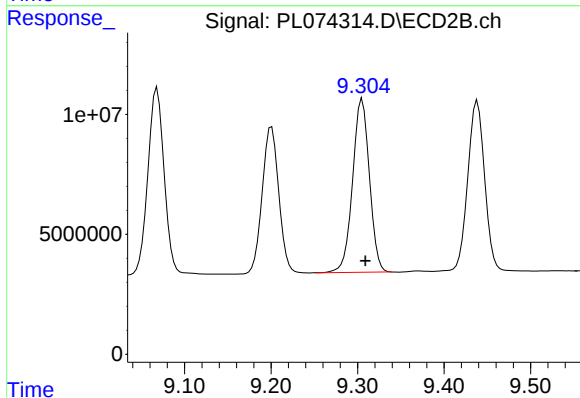
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 19961656
Conc: 54.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

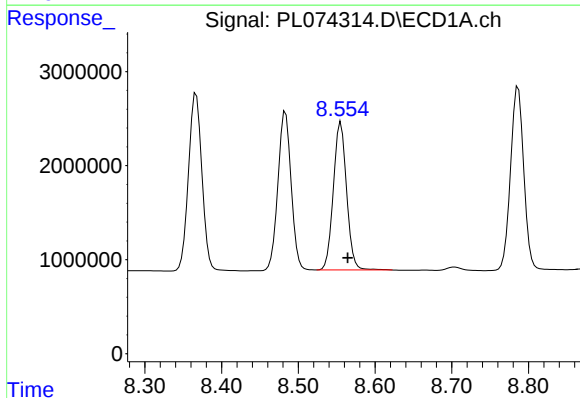
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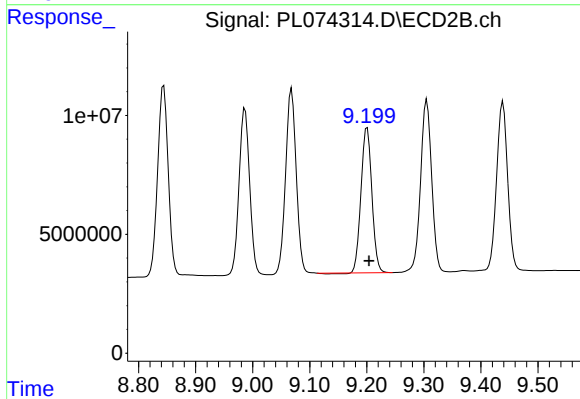
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 97703020
Conc: 55.12 ng/ml



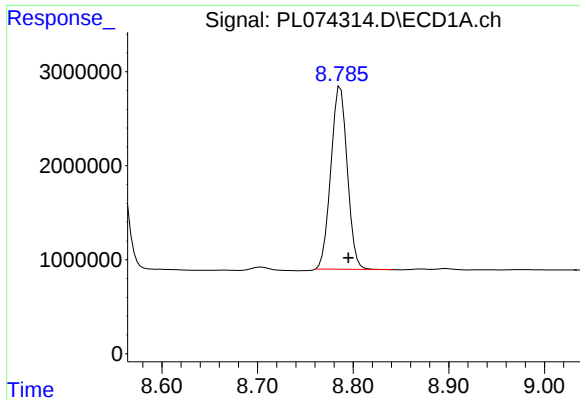
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.009 min
Response: 18848128
Conc: 58.25 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 80239658
Conc: 62.12 ng/ml



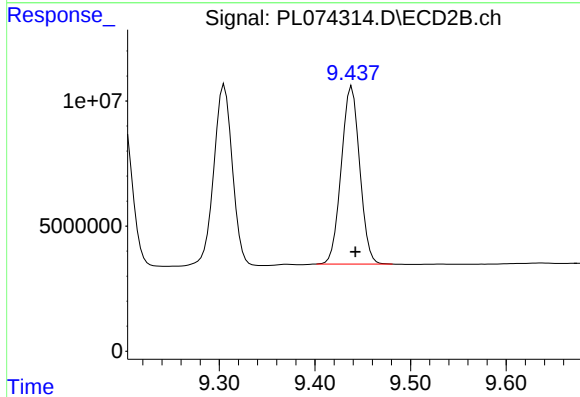
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 23110667
Conc: 54.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

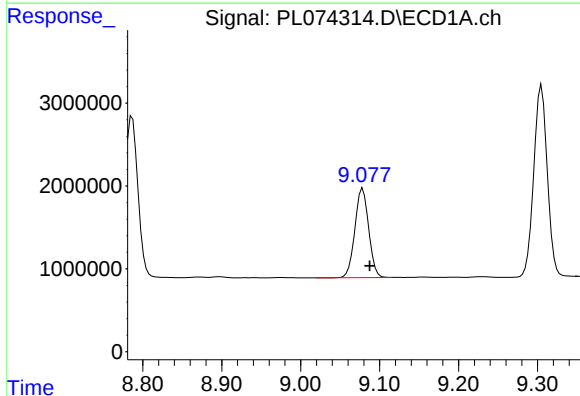
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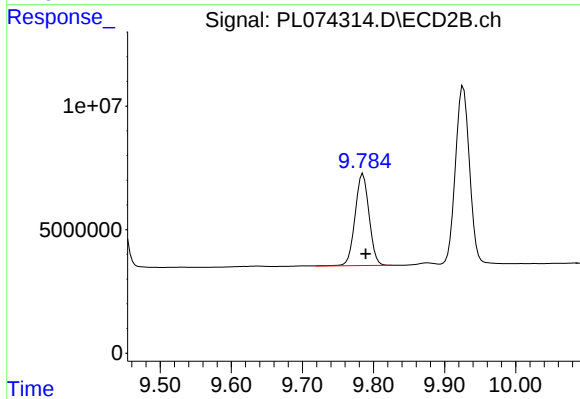
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 95319731
Conc: 57.27 ng/ml



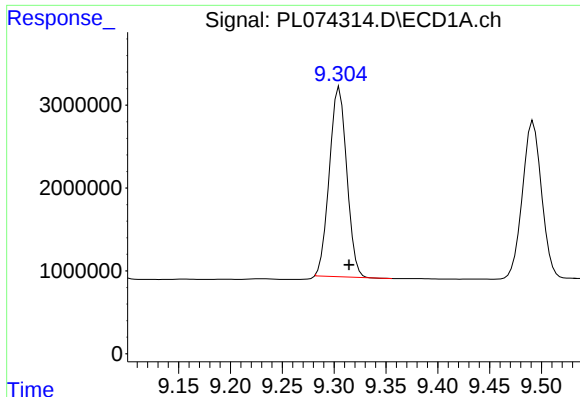
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 13142486
Conc: 52.94 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 50924179
Conc: 52.94 ng/ml



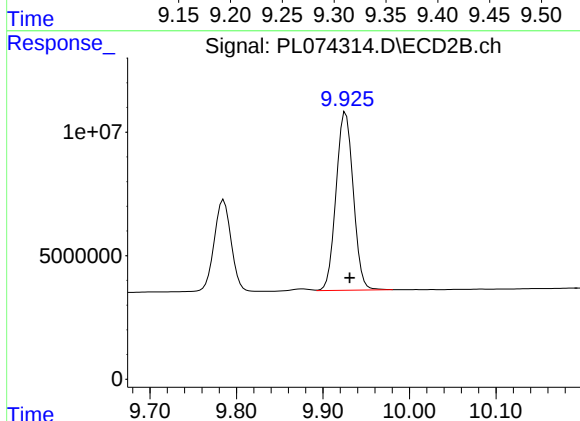
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 26658012
Conc: 54.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

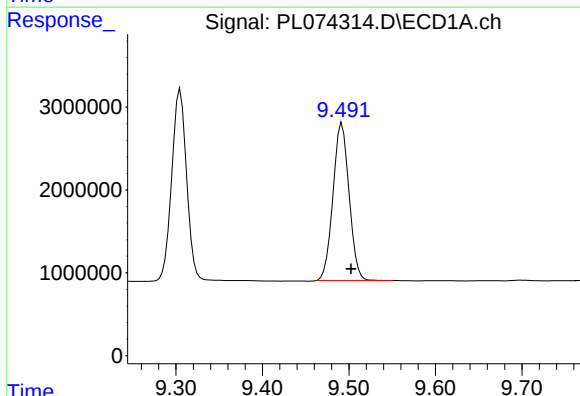
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



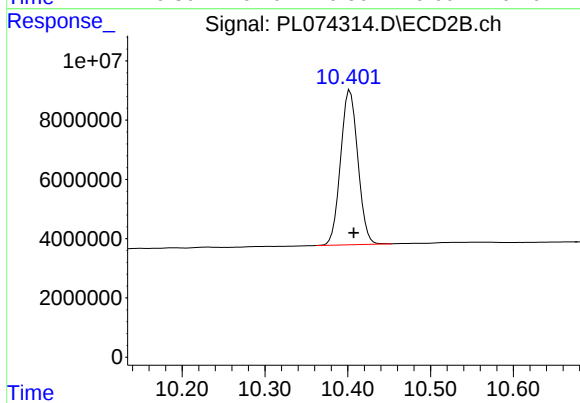
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 99203569
Conc: 57.31 ng/ml



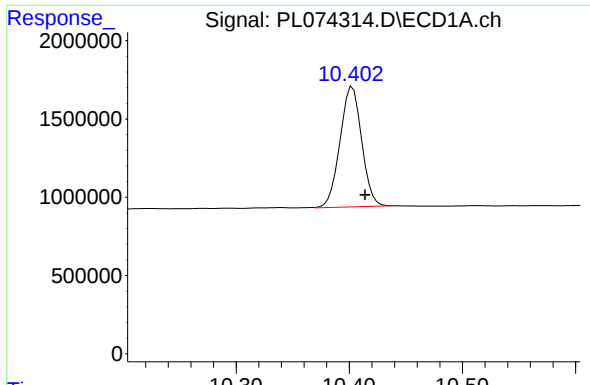
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.010 min
Response: 24501154
Conc: 52.53 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 75694576
Conc: 54.95 ng/ml



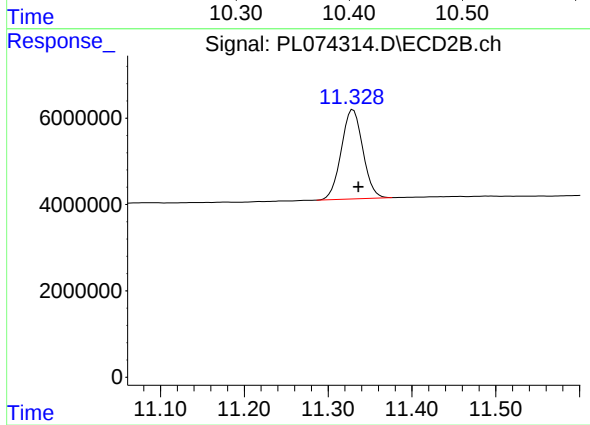
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 10213016
Conc: 19.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 37003712
Conc: 20.95 ng/ml