

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 15:34
 Operator : AR\AJ
 Sample : N2545-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 H-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/26/2022
 Supervised By : mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:01:18 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	6846038	35674906	21.188	20.009
28) SA Decachlor...	10.402	11.330	7513585	25418390	14.448m	14.391
Target Compounds						
2) A alpha-BHC	5.342	6.052	21718717	132.1E6	51.753	52.458
3) MA gamma-BHC...	5.765	6.441	21437862	122.5E6	51.116	51.735
4) MA Heptachlor	6.176	7.100	21768950	125.8E6	48.326	48.236
5) MB Aldrin	6.500	7.468	21422407	122.9E6	51.614	52.325
6) B beta-BHC	6.146	6.678	10023486	54702796	49.056	48.538
7) B delta-BHC	6.407	6.946	21354396	124.3E6	51.622	50.885
8) B Heptachlo...	7.077	7.924	21415067	104.8E6	49.926	46.551
9) A Endosulfan I	7.480	8.325	20811576	91740349	50.745	46.600
10) B gamma-Chl...	7.354	8.192	22088275	107.6E6	50.362	48.244
11) B alpha-Chl...	7.424	8.275	22001529	100.2E6	49.803	46.551
12) B 4,4'-DDE	7.638	8.460	19324368	103.5E6	52.970	51.977
13) MA Dieldrin	7.765	8.609	21718996	104.4E6	50.560m	52.046
14) MA Endrin	8.057	8.844	20929230	89005740	51.520	52.552
15) B Endosulfa...	8.369	9.068	21168223	89240871	51.359	51.370
16) A 4,4'-DDD	8.224	8.987	16247493	82444147	50.313	53.584
17) MA 4,4'-DDT	8.484	9.306	18973741	91471434	51.330	51.601
18) B Endrin al...	8.557	9.201	17312701	72426260	53.508	56.074
19) B Endosulfa...	8.787	9.438	19217831	86446178	45.004m	51.941
20) A Methoxychlor	9.079	9.786	12190307	46641090	49.101	48.491
21) B Endrin ke...	9.305	9.927	24963795	91200425	51.097m	52.688
22) Mirex	9.493	10.403	22934516	70746120	49.173	51.362

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 15:34
 Operator : AR\AJ
 Sample : N2545-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

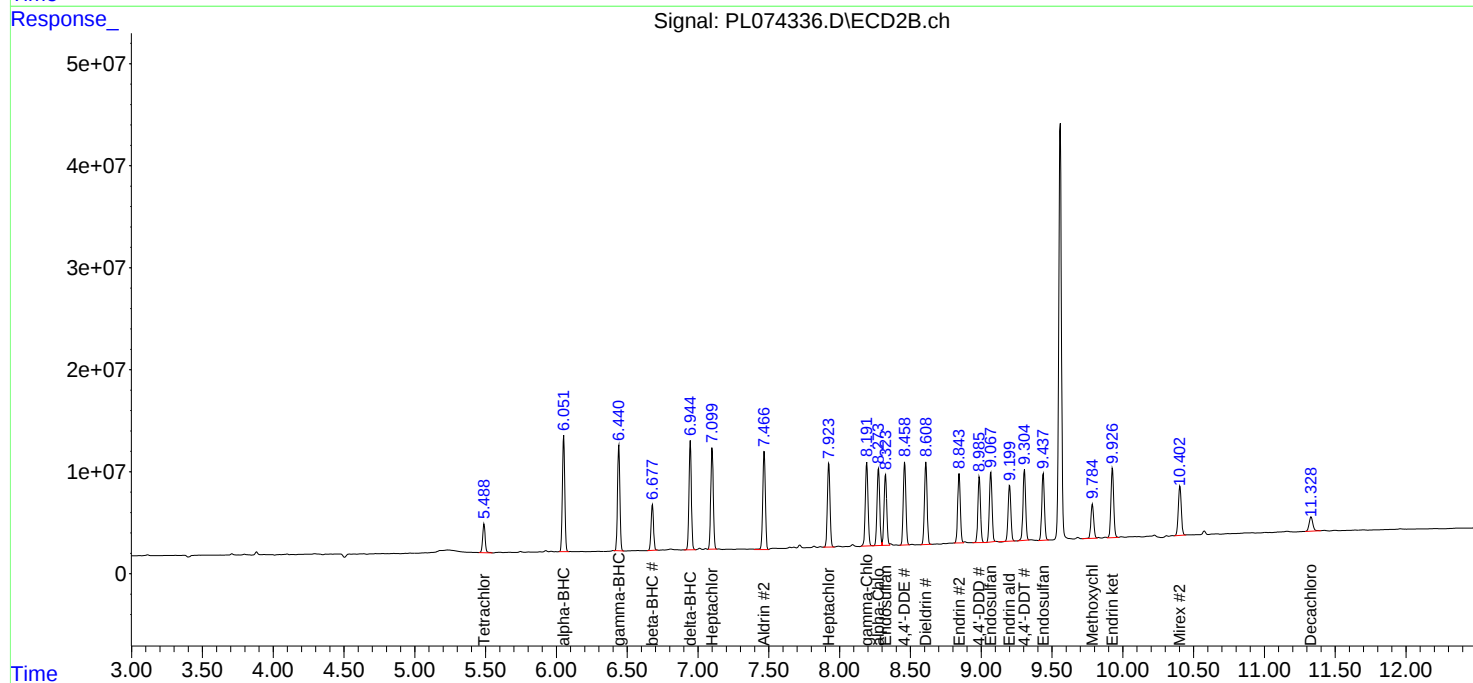
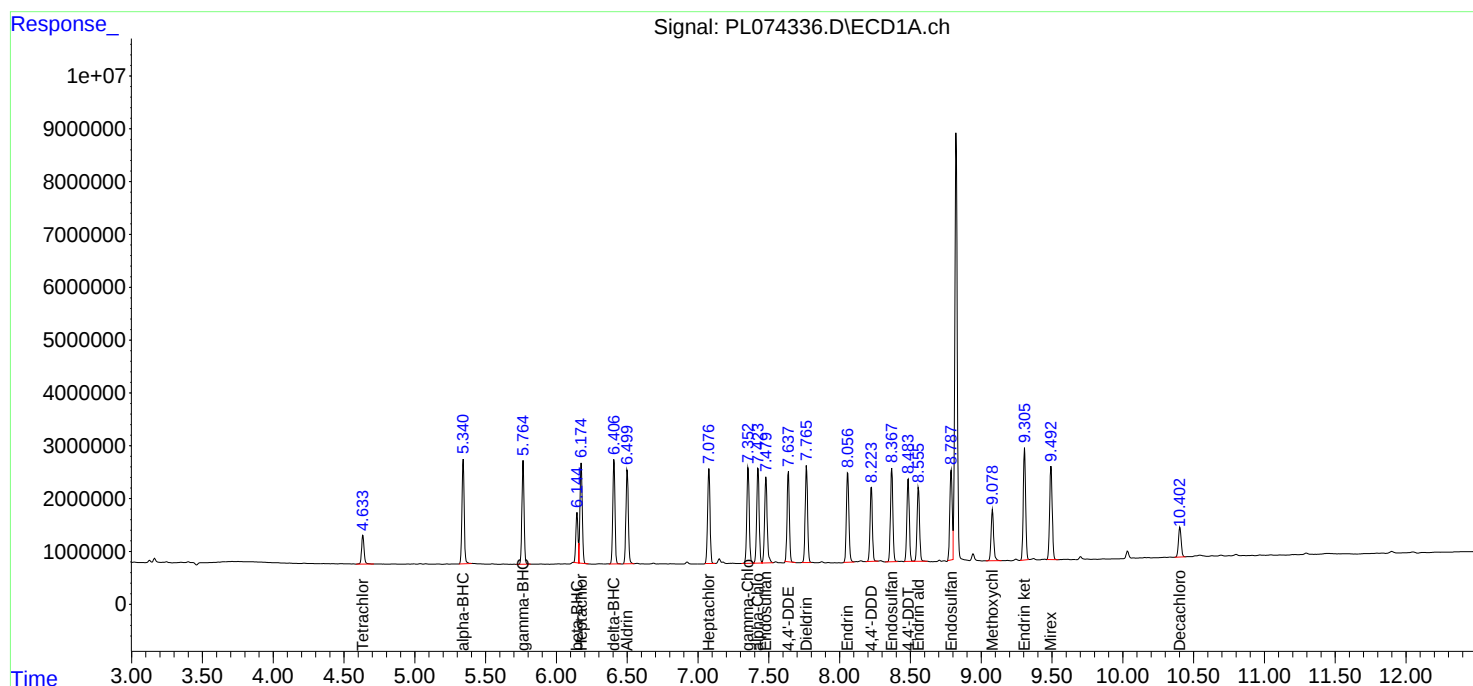
Instrument :
 ECD_L
 ClientSampleId :
 H-1MS

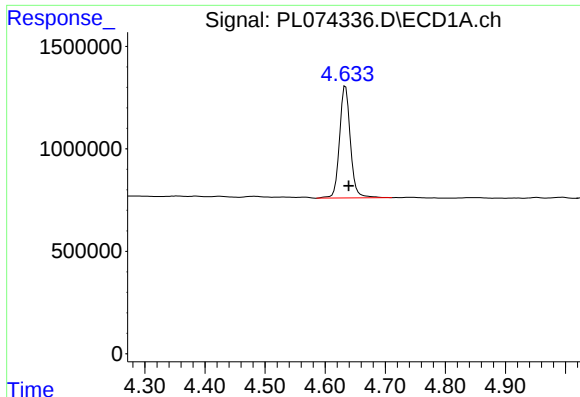
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:01:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
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Volume Inj. : 1 µl
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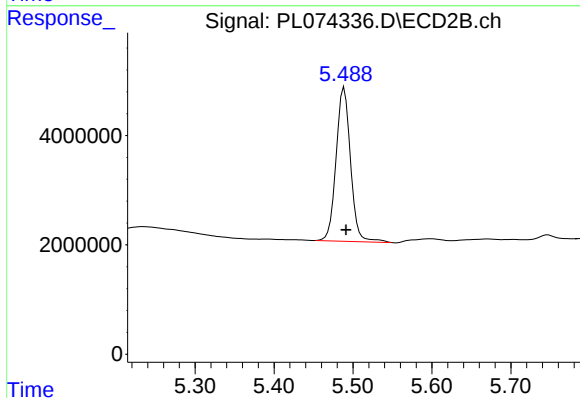
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 6846038
Conc: 21.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

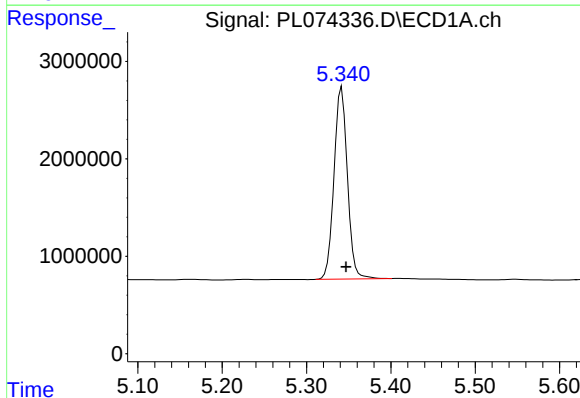
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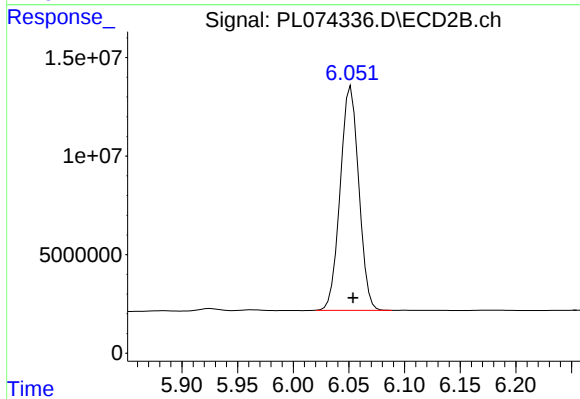
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 35674906
Conc: 20.01 ng/ml



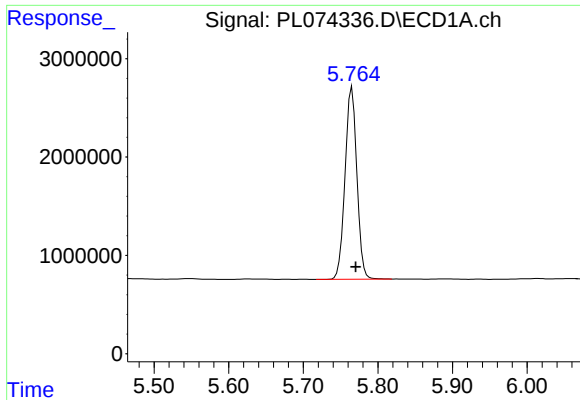
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 21718717
Conc: 51.75 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 132093648
Conc: 52.46 ng/ml



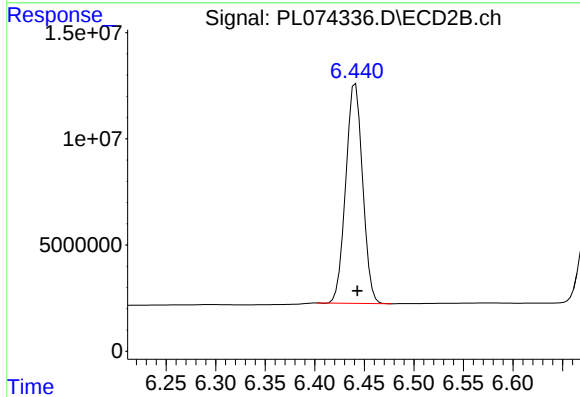
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 21437862
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

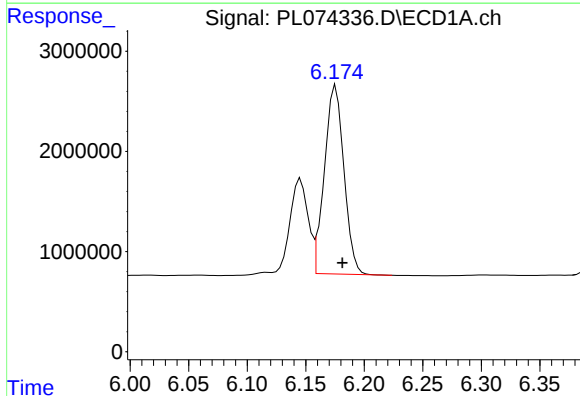
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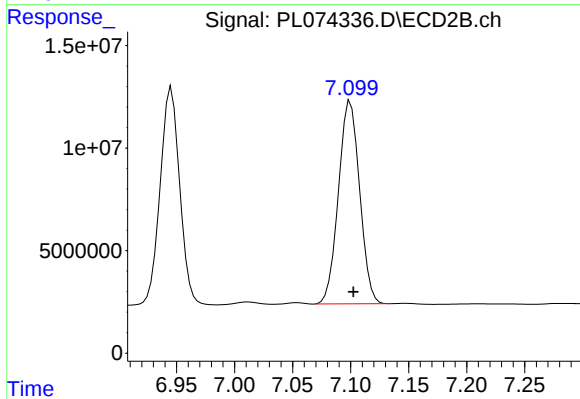
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 122463631
Conc: 51.74 ng/ml



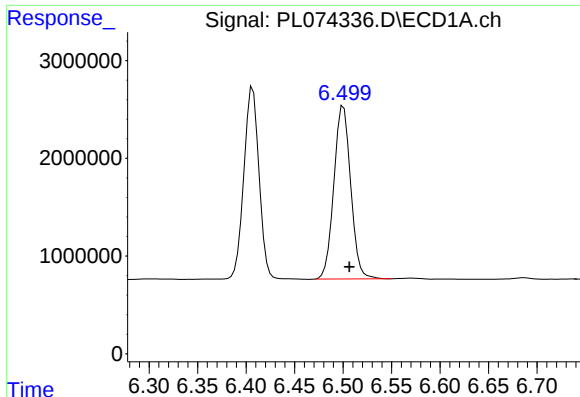
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 21768950
Conc: 48.33 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 125818833
Conc: 48.24 ng/ml



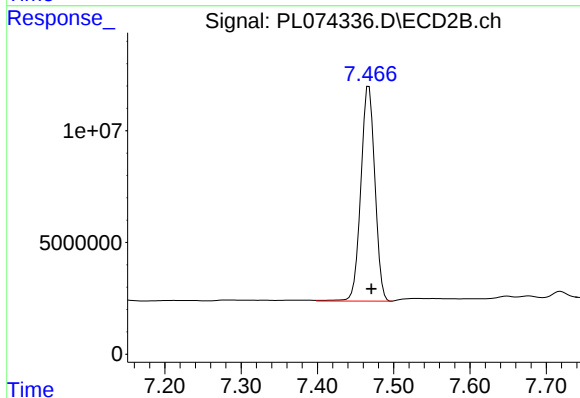
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 21422407
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

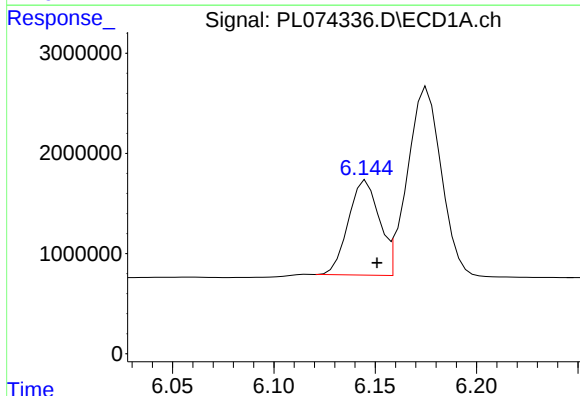
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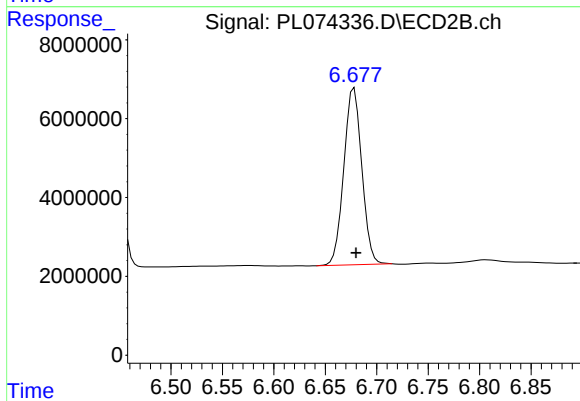
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 122890369
Conc: 52.32 ng/ml



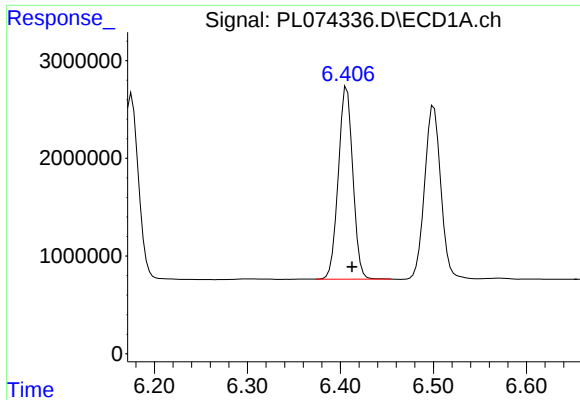
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10023486
Conc: 49.06 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 54702796
Conc: 48.54 ng/ml



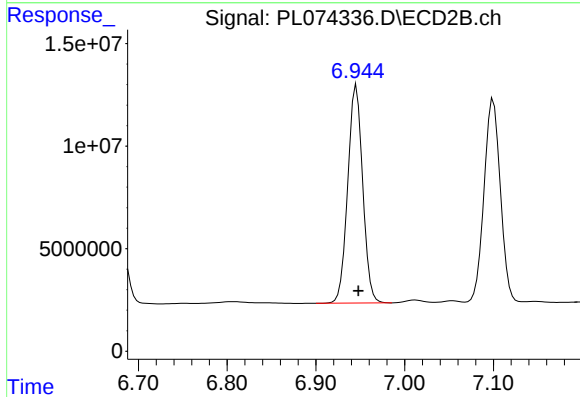
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 21354396
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

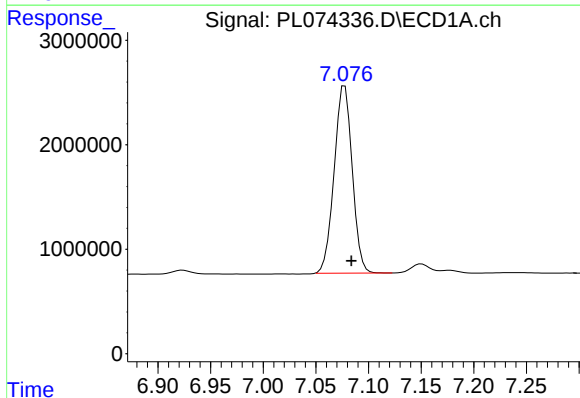
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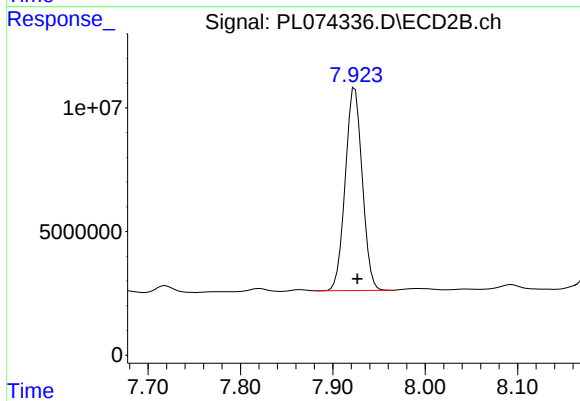
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 124274151
Conc: 50.88 ng/ml



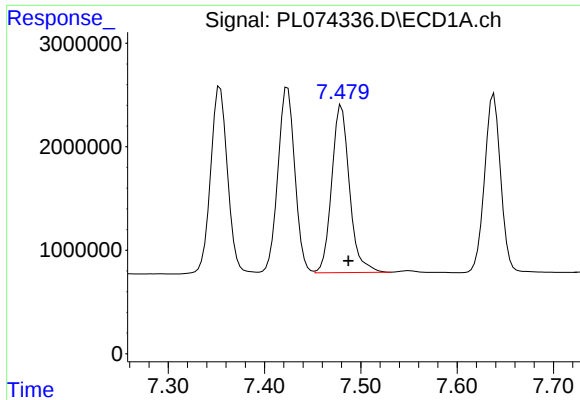
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.006 min
Response: 21415067
Conc: 49.93 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 104812382
Conc: 46.55 ng/ml



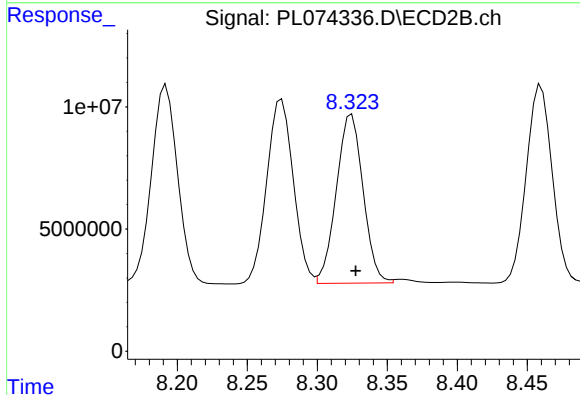
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 20811576
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

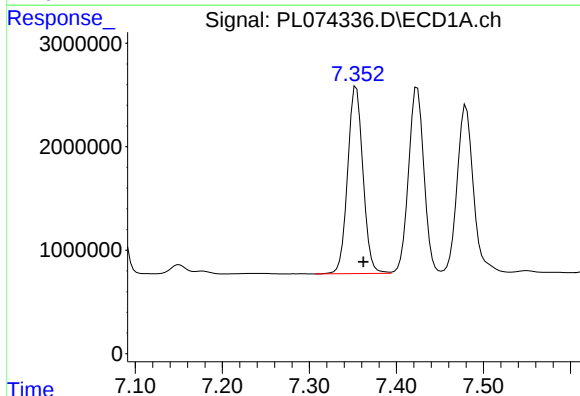
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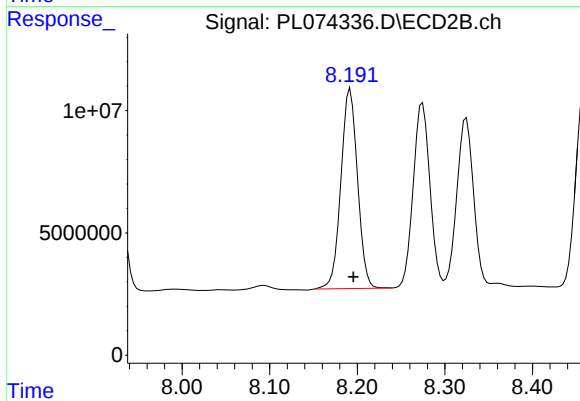
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 91740349
Conc: 46.60 ng/ml



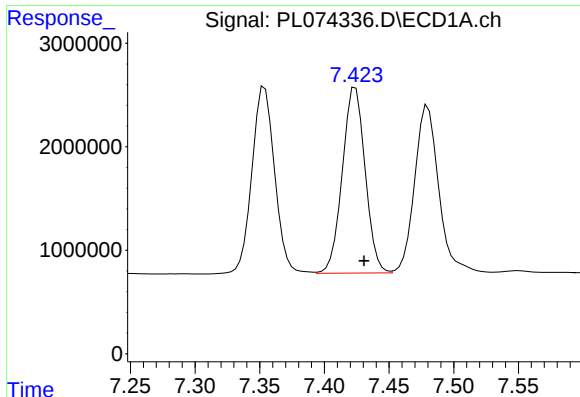
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 22088275
Conc: 50.36 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 107600885
Conc: 48.24 ng/ml



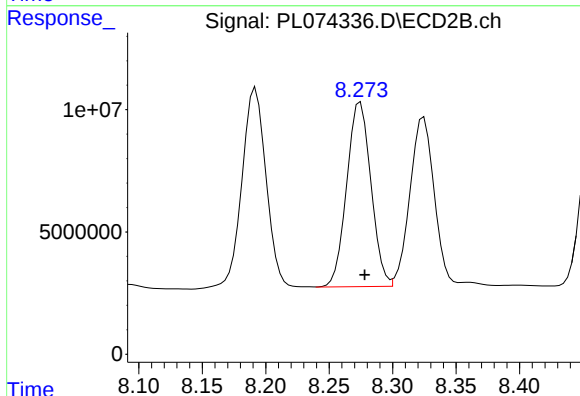
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 22001529
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

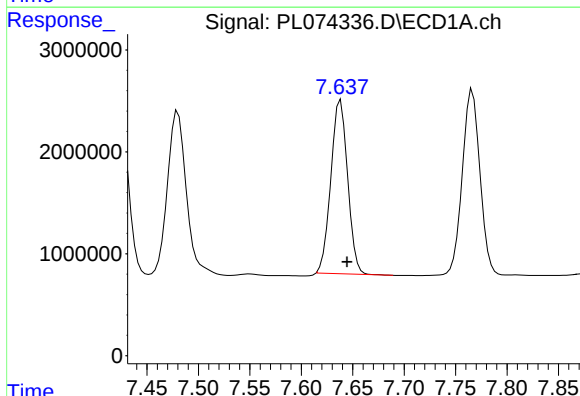
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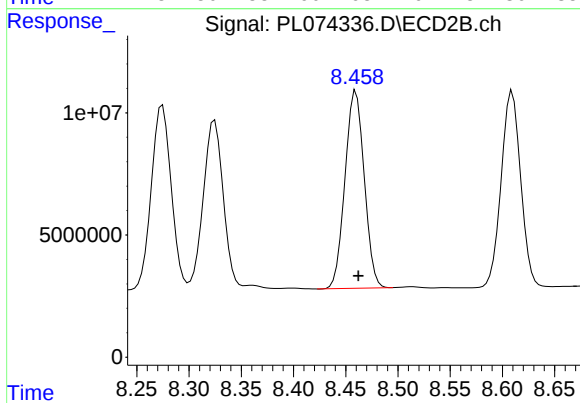
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 100204639
Conc: 46.55 ng/ml



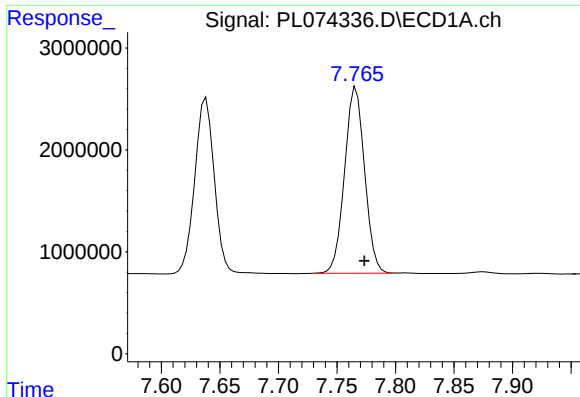
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 19324368
Conc: 52.97 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 103522617
Conc: 51.98 ng/ml



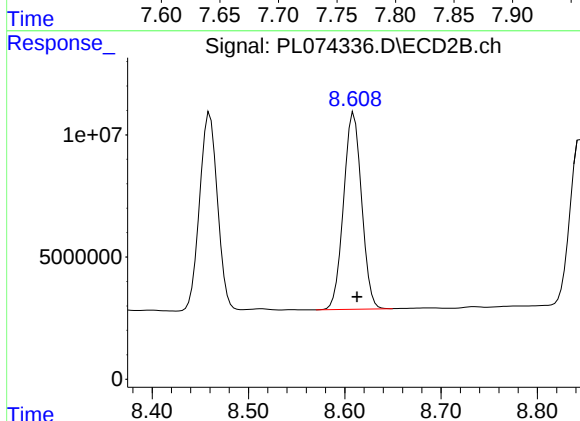
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.009 min
Response: 21718996
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

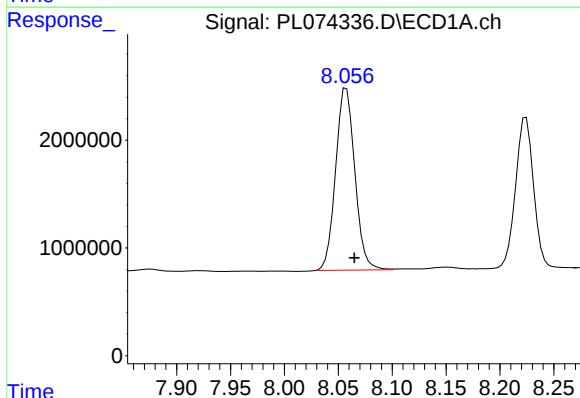
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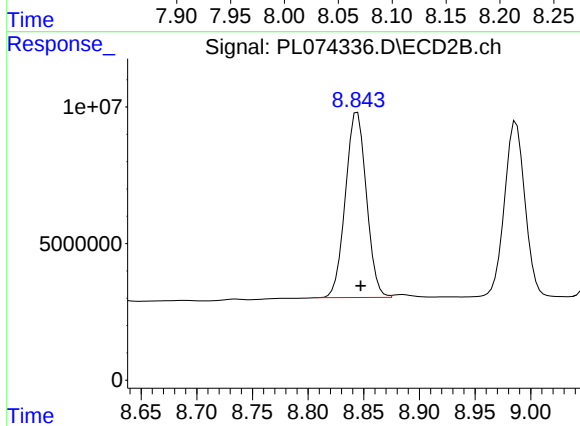
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 104366397
Conc: 52.05 ng/ml



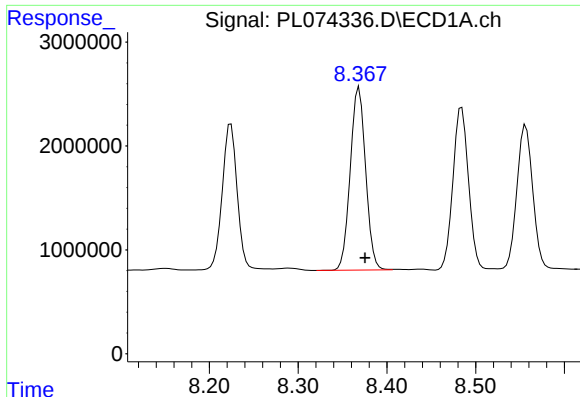
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.007 min
Response: 20929230
Conc: 51.52 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 89005740
Conc: 52.55 ng/ml



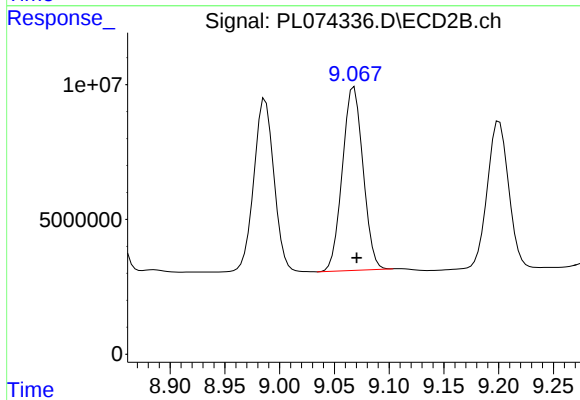
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.007 min
Response: 21168223
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

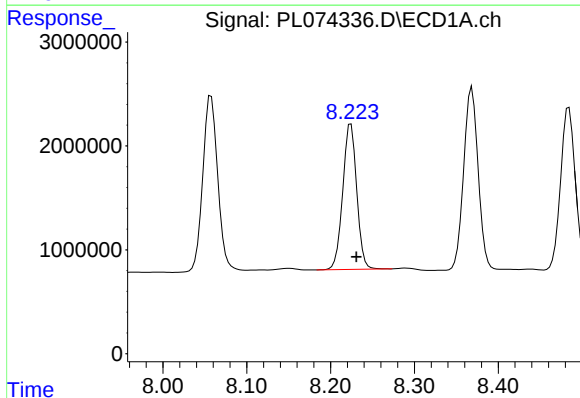
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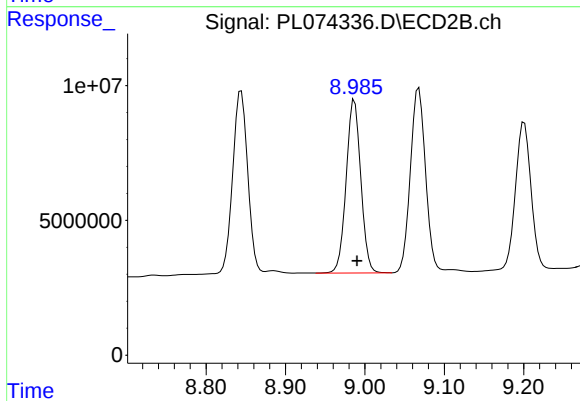
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 89240871
Conc: 51.37 ng/ml



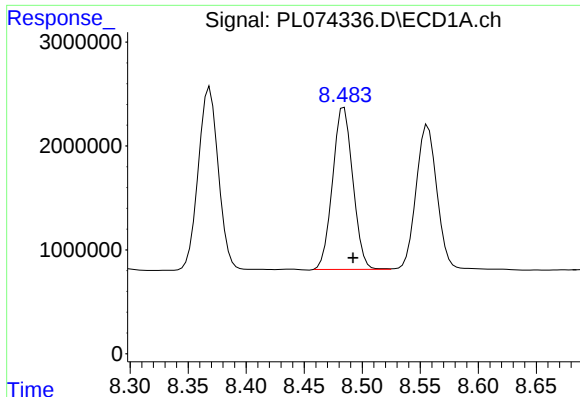
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 16247493
Conc: 50.31 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 82444147
Conc: 53.58 ng/ml



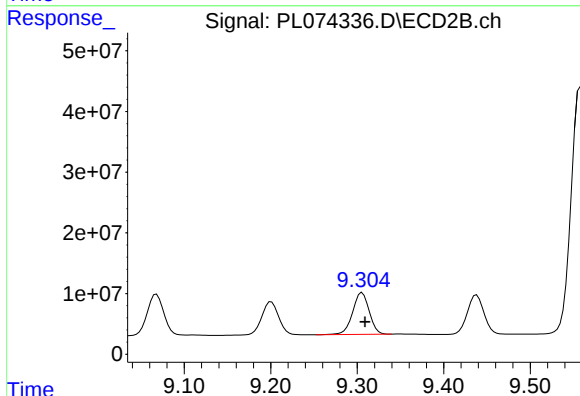
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 18973741
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

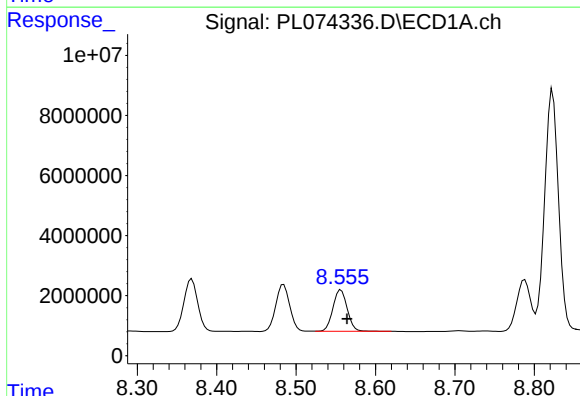
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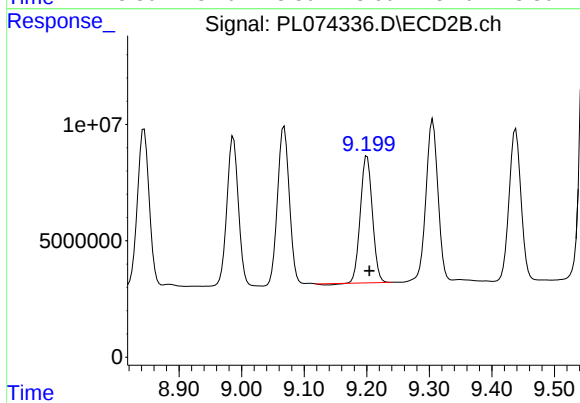
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 91471434
Conc: 51.60 ng/ml



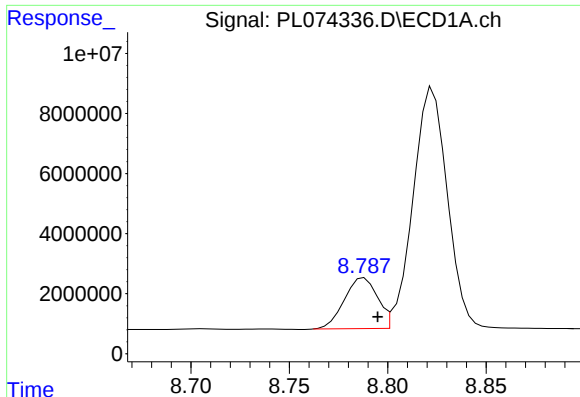
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 17312701
Conc: 53.51 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 72426260
Conc: 56.07 ng/ml



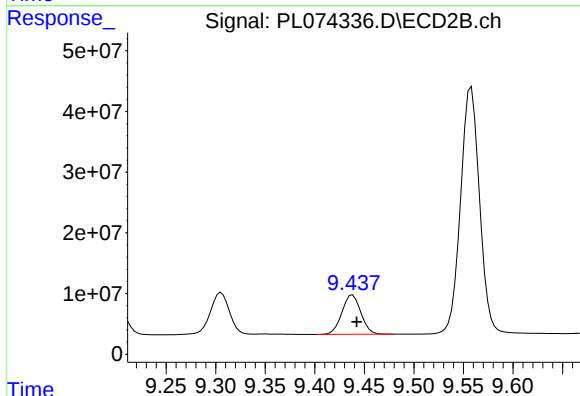
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 19217831
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

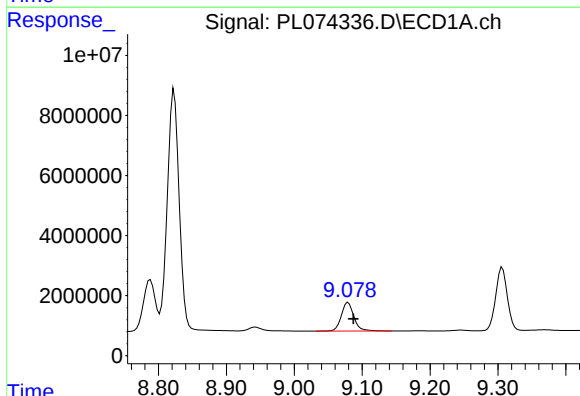
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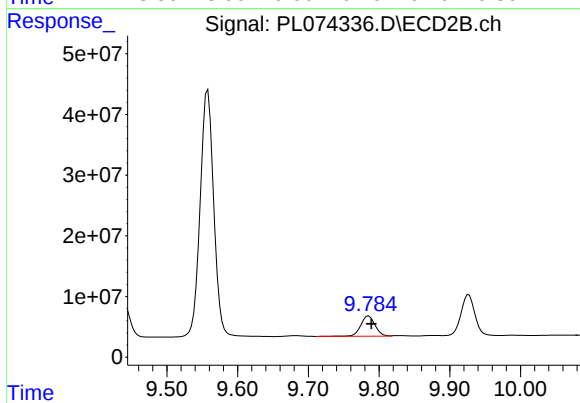
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 86446178
Conc: 51.94 ng/ml



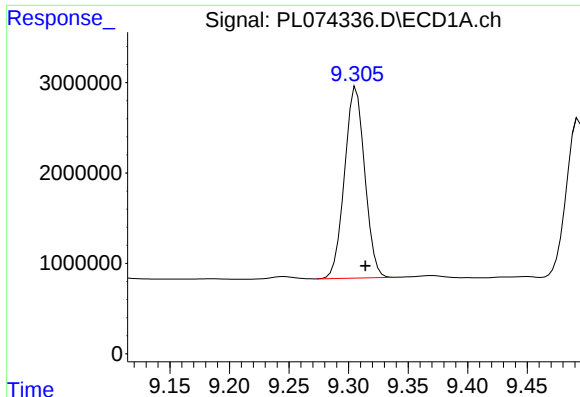
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 12190307
Conc: 49.10 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 46641090
Conc: 48.49 ng/ml



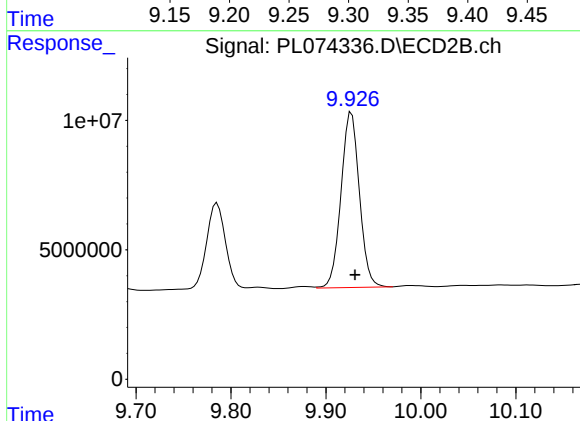
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 24963795
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

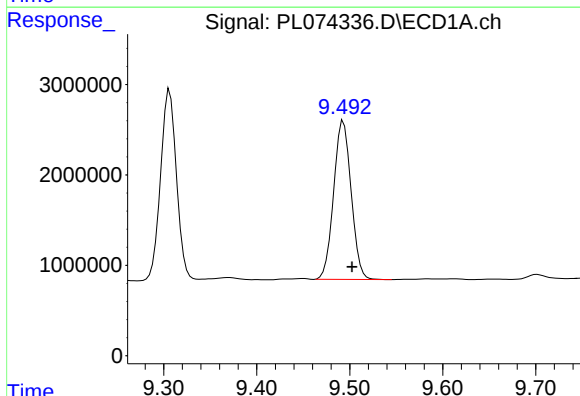
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2022
Supervised By :mohammad ahmed 04/26/2022



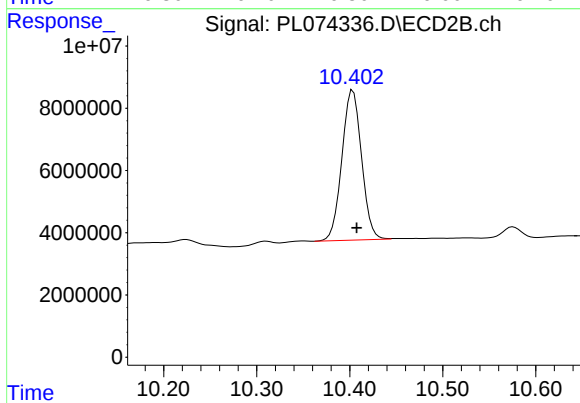
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 91200425
Conc: 52.69 ng/ml



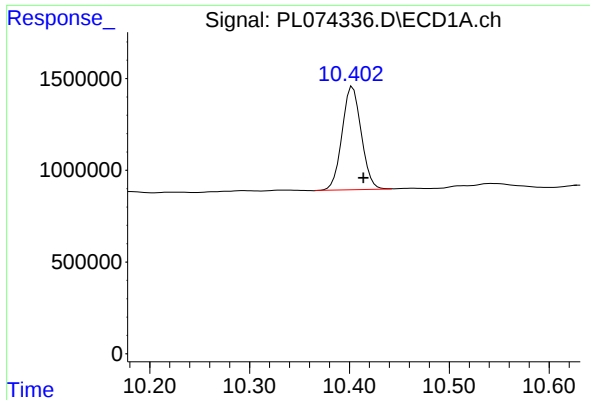
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 22934516
Conc: 49.17 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.004 min
Response: 70746120
Conc: 51.36 ng/ml



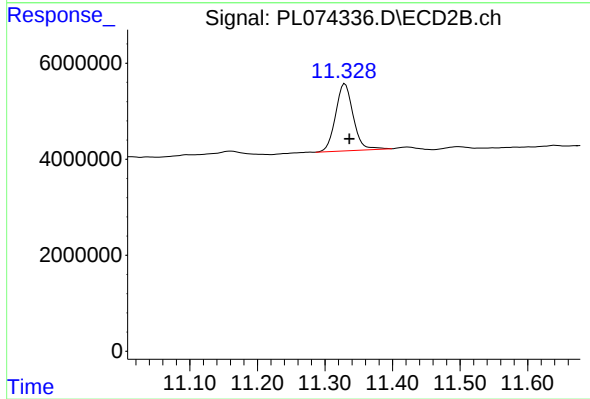
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 7513585
Conc: 14.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MS

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#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 25418390
Conc: 14.39 ng/ml