

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 15:51
 Operator : AR\AJ
 Sample : N2545-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 H-1MSD

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 02:01:40 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	6818261	35463018	21.102	19.890
28)	SA Decachlor...	10.402	11.331	7525807	25972120	14.472m	14.704
Target Compounds							
2)	A alpha-BHC	5.342	6.052	21621361	130.9E6	51.521	51.988
3)	MA gamma-BHC...	5.765	6.441	21320521	120.6E6	50.836	50.956
4)	MA Heptachlor	6.176	7.100	21493366	123.0E6	47.714	47.166
5)	MB Aldrin	6.501	7.468	21299130	121.2E6	51.317	51.619
6)	B beta-BHC	6.146	6.679	9819592	54270200	48.058	48.154
7)	B delta-BHC	6.407	6.946	21300663	122.7E6	51.492	50.223
8)	B Heptachlo...	7.077	7.925	21333273	103.4E6	49.735	45.910
9)	A Endosulfan I	7.480	8.325	20727133	91638220	50.539	46.549
10)	B gamma-Chl...	7.354	8.193	21875533	107.1E6	49.877	47.999
11)	B alpha-Chl...	7.424	8.275	21848889	99920731	49.457	46.419
12)	B 4,4'-DDE	7.638	8.460	19551376	104.4E6	53.592	52.425
13)	MA Dieldrin	7.765	8.610	21552103	104.9E6	50.171m	52.292
14)	MA Endrin	8.058	8.845	20632688	88837589	50.790	52.453
15)	B Endosulfa...	8.368	9.069	21263566	89563503	51.591	51.555
16)	A 4,4'-DDD	8.223	8.988	16182942	82379685	50.113	53.542
17)	MA 4,4'-DDT	8.485	9.306	18884706	90764236	51.090	51.202
18)	B Endrin al...	8.557	9.201	17525093	73235195	54.164	56.700
19)	B Endosulfa...	8.786	9.439	20108507	87012119	47.090m	52.281
20)	A Methoxychlor	9.079	9.785	12135340	45484909	48.880	47.289m
21)	B Endrin ke...	9.306	9.928	24386125	92300882	49.915	53.324
22)	Mirex	9.493	10.404	22939930	70760892	49.185	51.373

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
Data File : PL074337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Apr 2022 15:51
Operator : AR\AJ
Sample : N2545-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

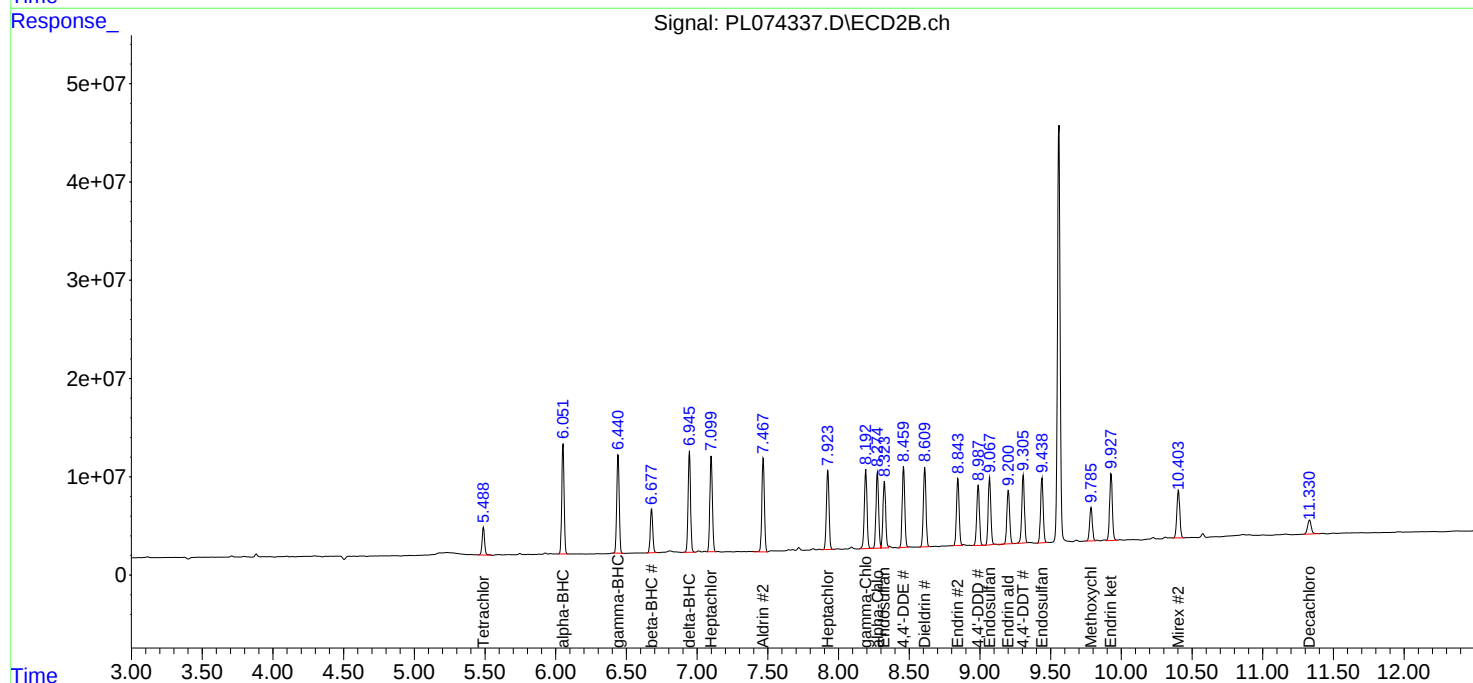
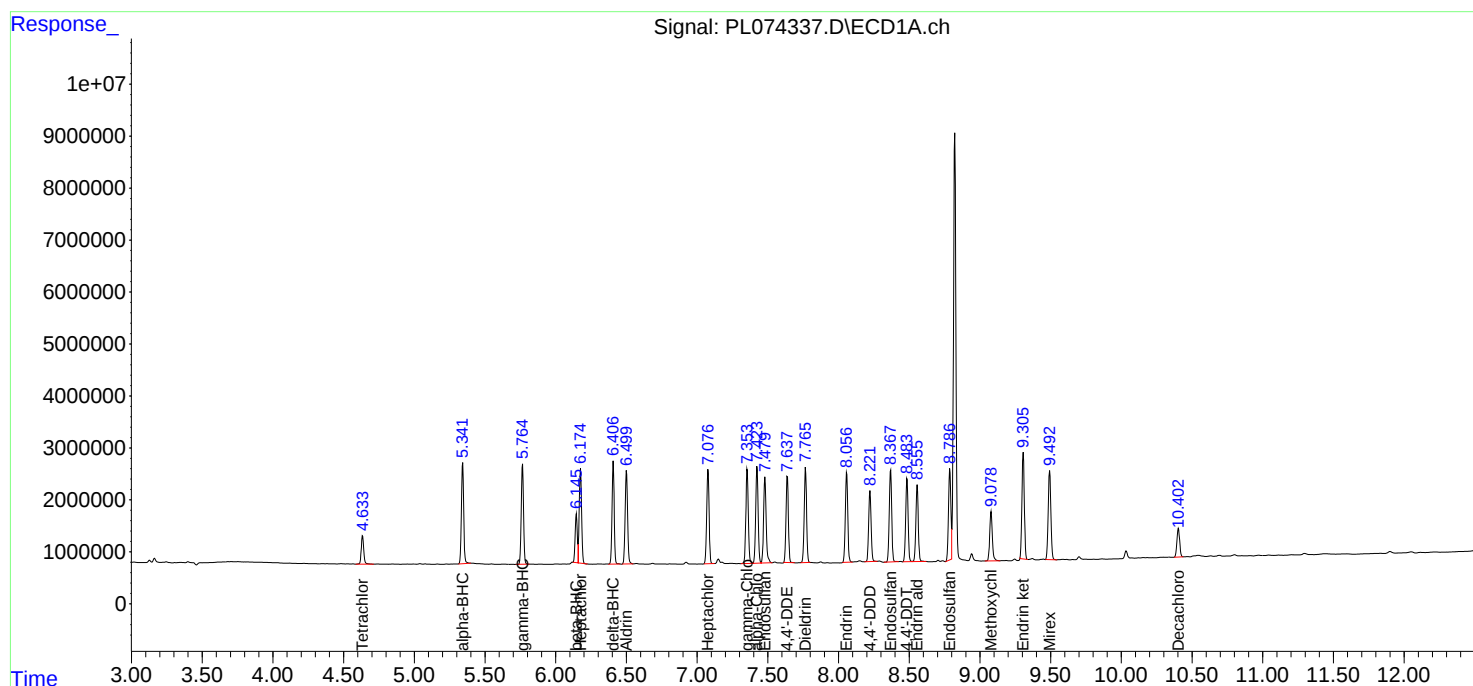
Instrument :
ECD_L
ClientSampleId :
H-1MSD

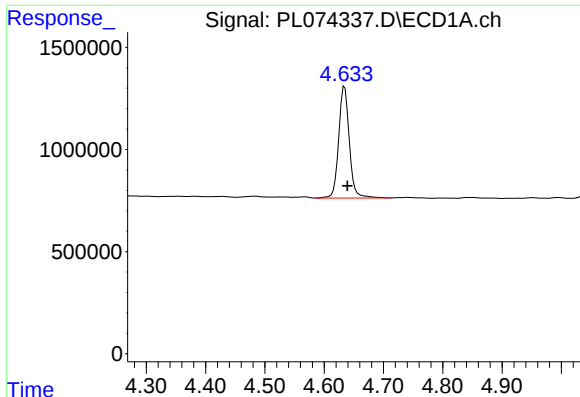
Manual Integrations
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Supervised By :mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 26 02:01:40 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





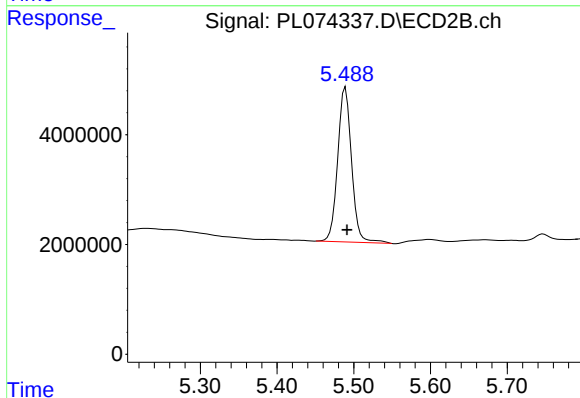
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 6818261
Conc: 21.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

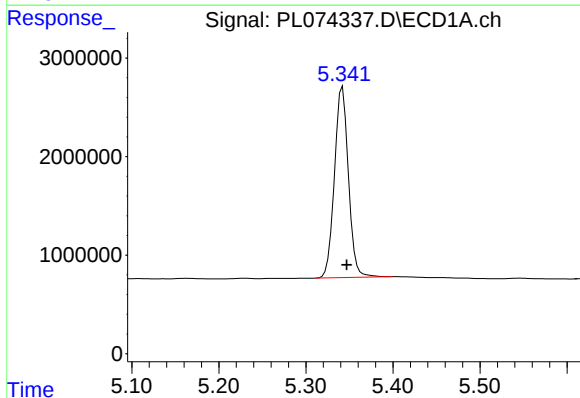
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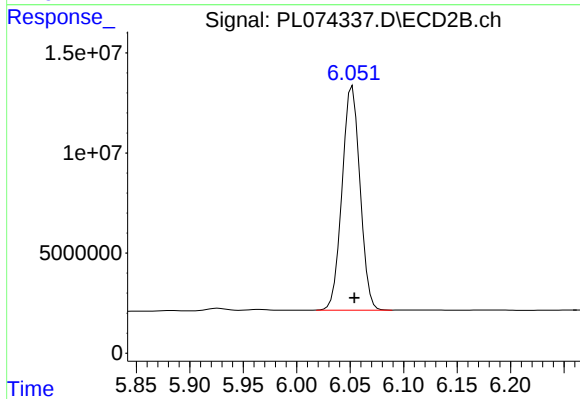
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 35463018
Conc: 19.89 ng/ml



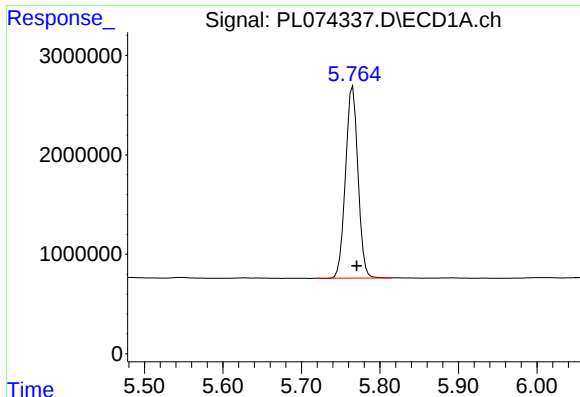
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 21621361
Conc: 51.52 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 130911221
Conc: 51.99 ng/ml



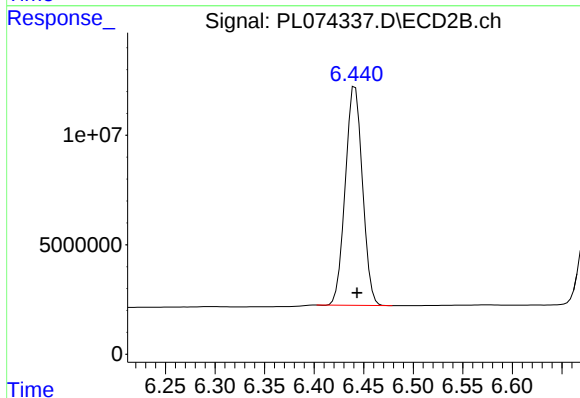
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 21320521
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

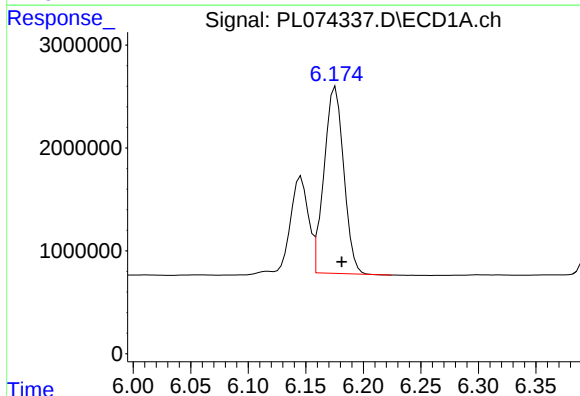
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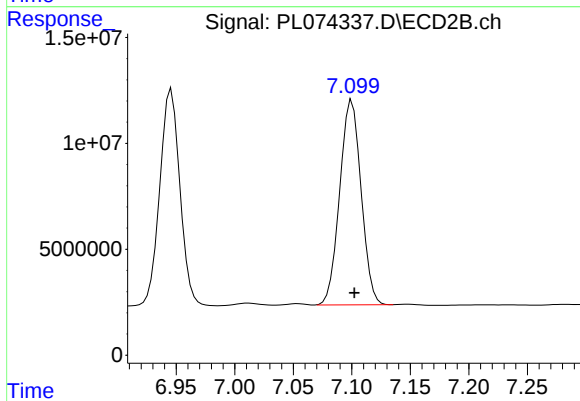
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 120617989
Conc: 50.96 ng/ml



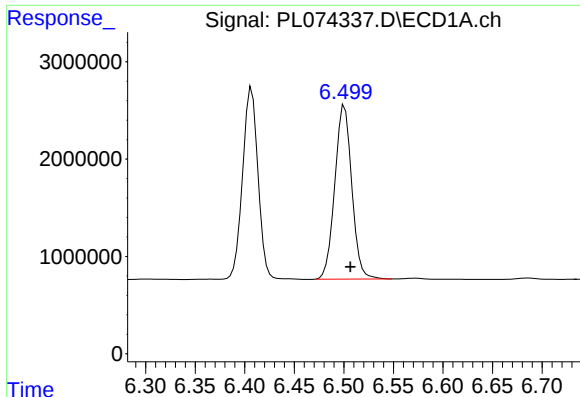
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 21493366
Conc: 47.71 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 123029462
Conc: 47.17 ng/ml



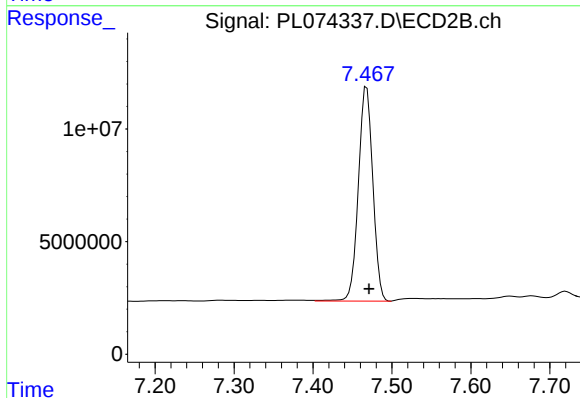
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 21299130
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

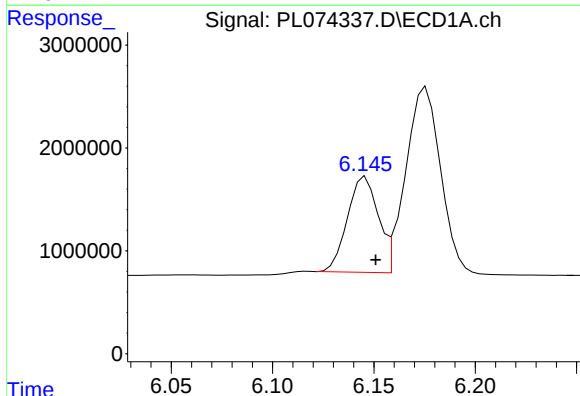
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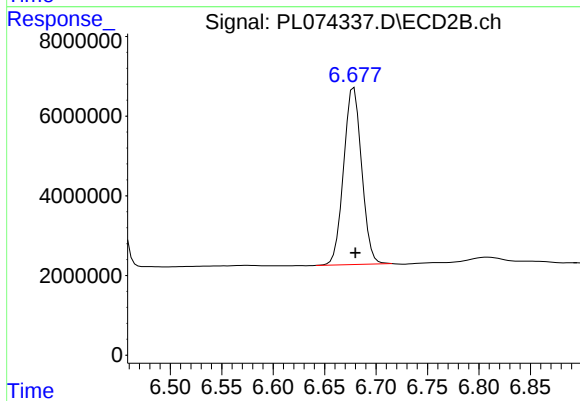
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 121231688
Conc: 51.62 ng/ml



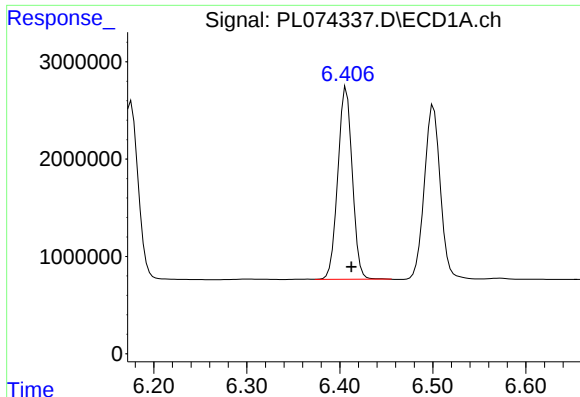
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 9819592
Conc: 48.06 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 54270200
Conc: 48.15 ng/ml



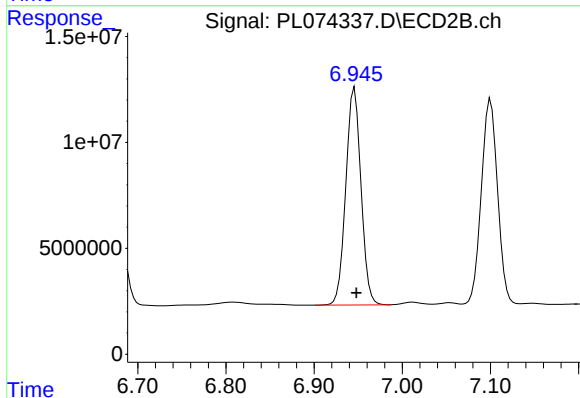
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 21300663
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

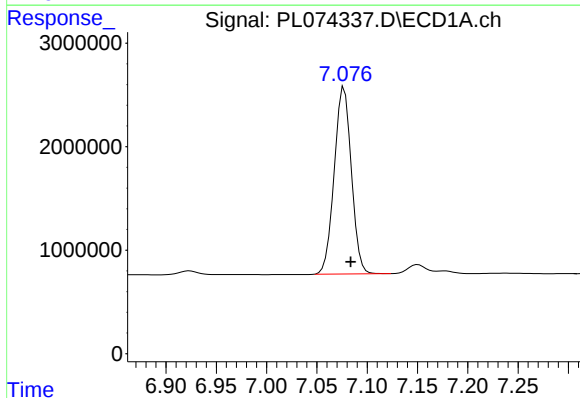
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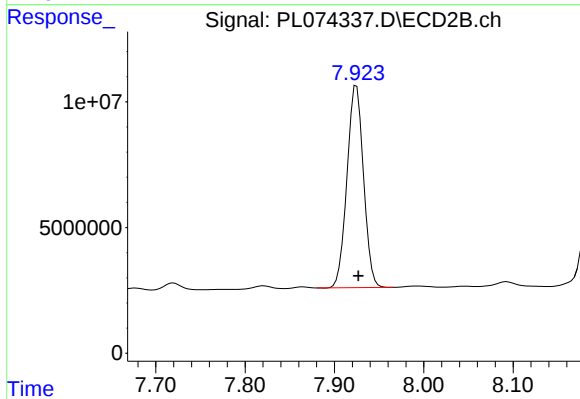
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 122658232
Conc: 50.22 ng/ml



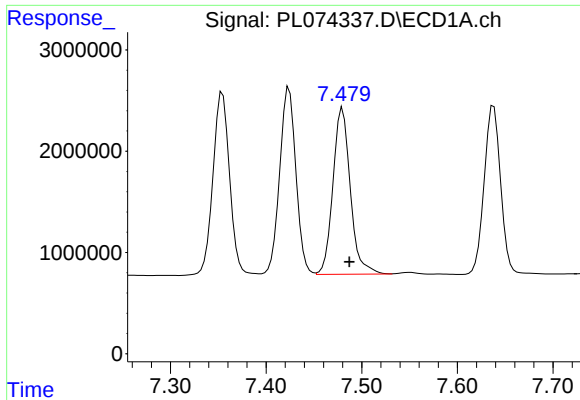
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 21333273
Conc: 49.74 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 103368309
Conc: 45.91 ng/ml



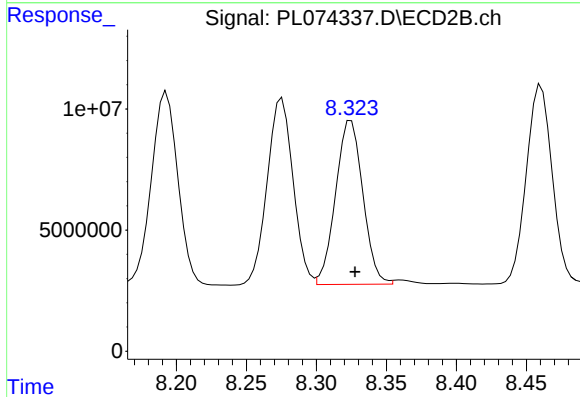
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 20727133
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

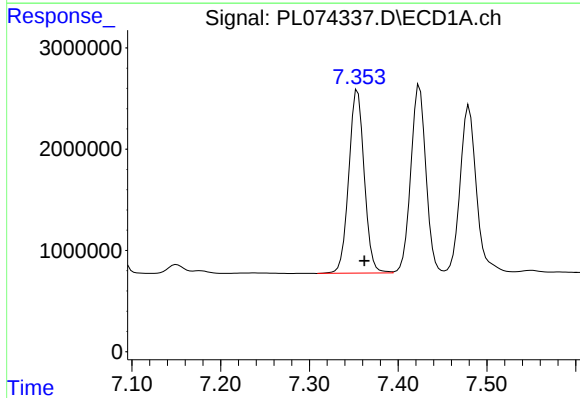
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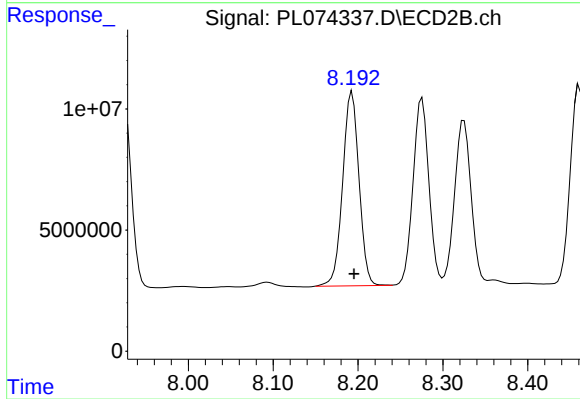
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 91638220
Conc: 46.55 ng/ml



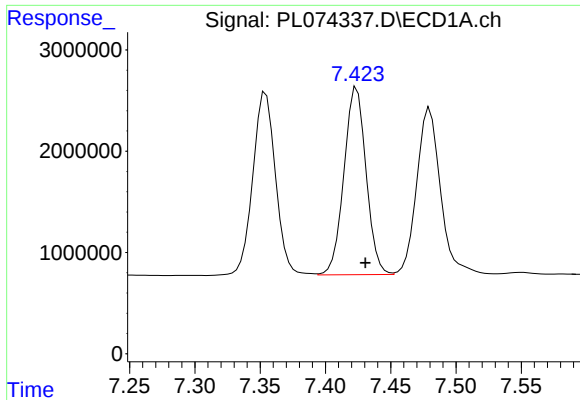
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 21875533
Conc: 49.88 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 107054759
Conc: 48.00 ng/ml



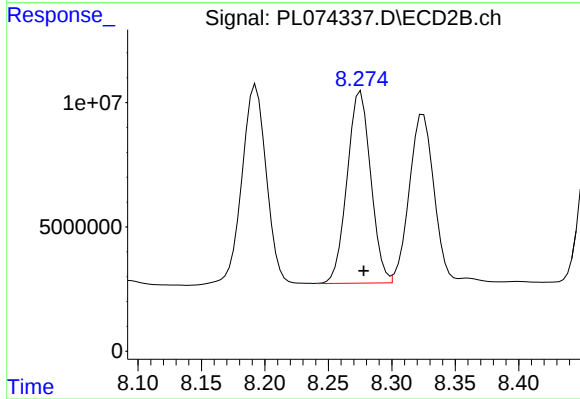
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 21848889
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

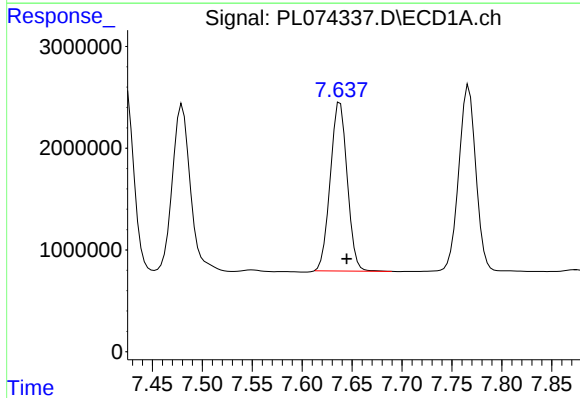
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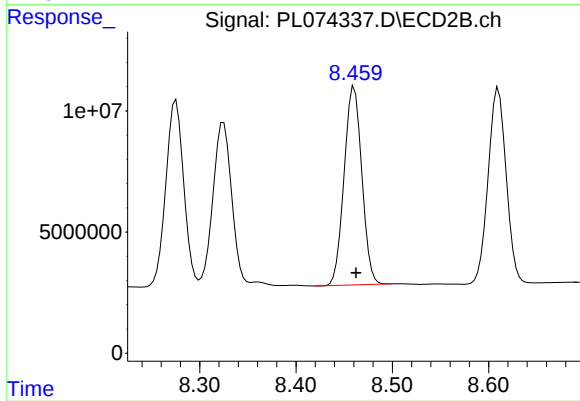
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 99920731
Conc: 46.42 ng/ml



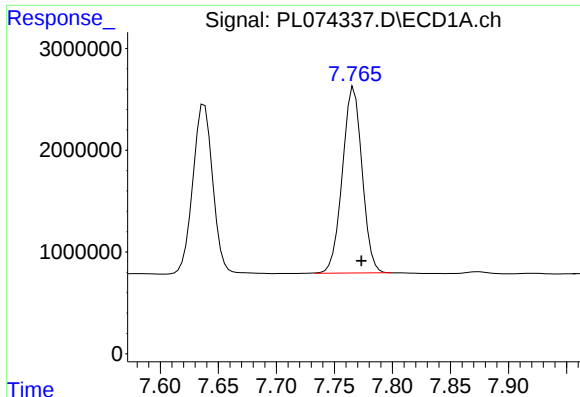
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 19551376
Conc: 53.59 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 104415250
Conc: 52.43 ng/ml



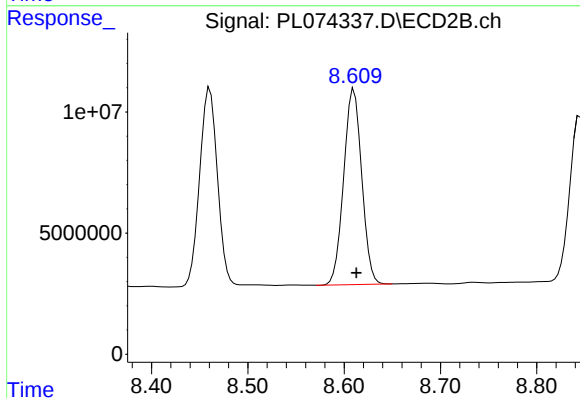
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 21552103
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

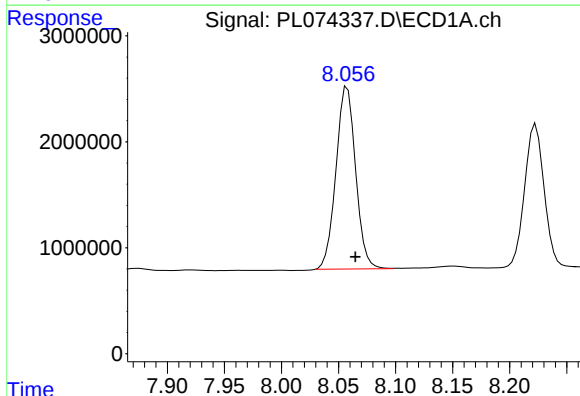
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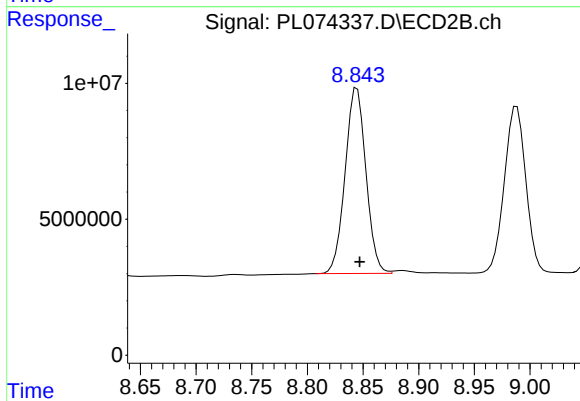
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 104859401
Conc: 52.29 ng/ml



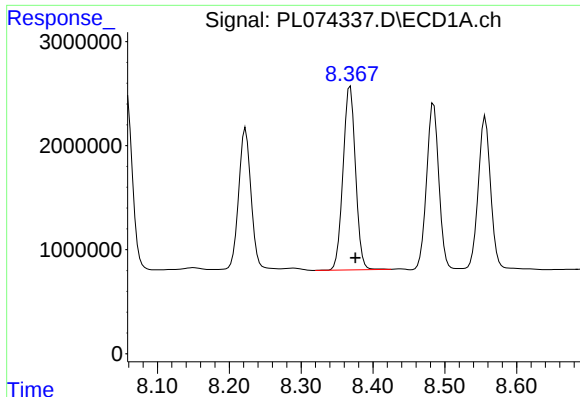
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 20632688
Conc: 50.79 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.003 min
Response: 88837589
Conc: 52.45 ng/ml



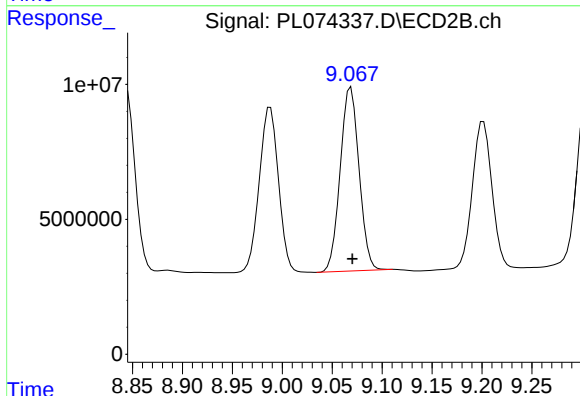
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 21263566
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

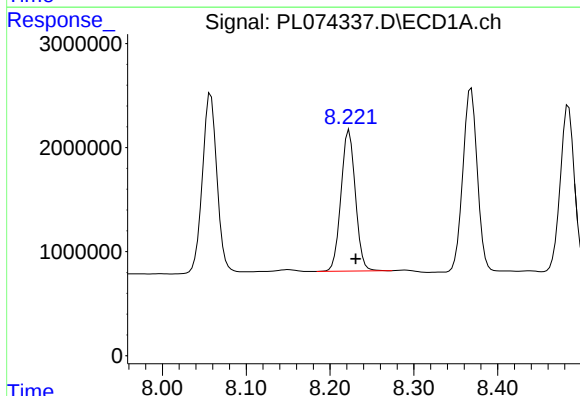
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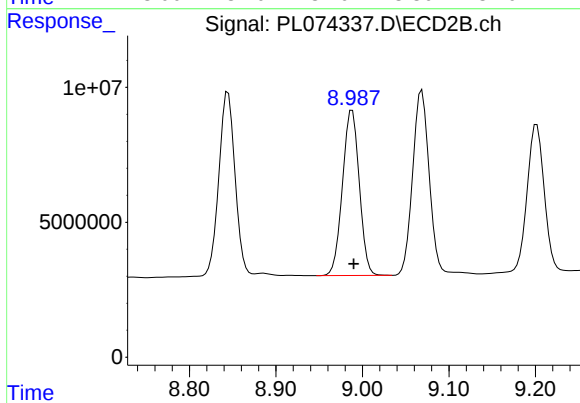
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 89563503
Conc: 51.56 ng/ml



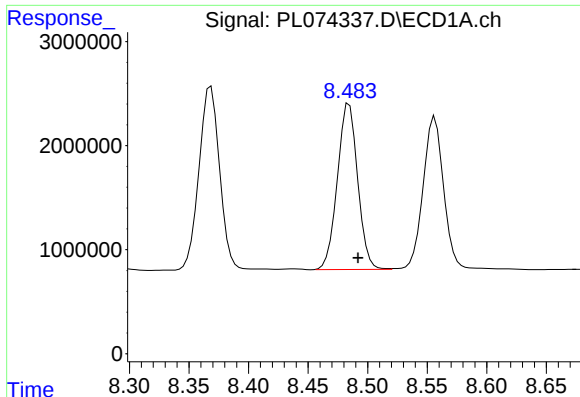
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 16182942
Conc: 50.11 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 82379685
Conc: 53.54 ng/ml



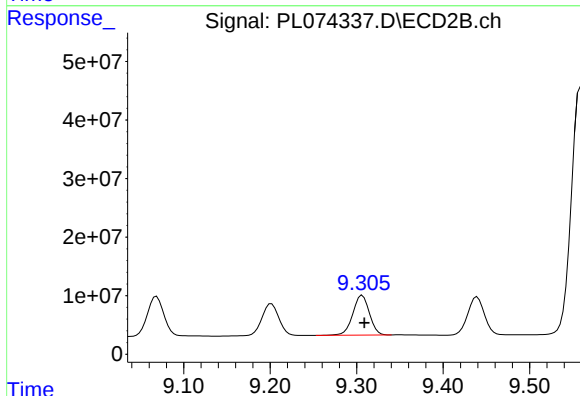
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.008 min
Response: 18884706
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

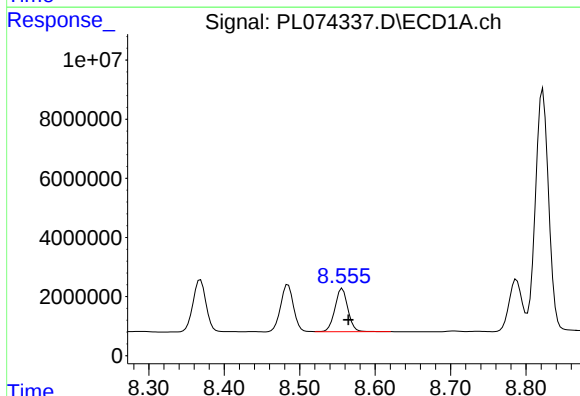
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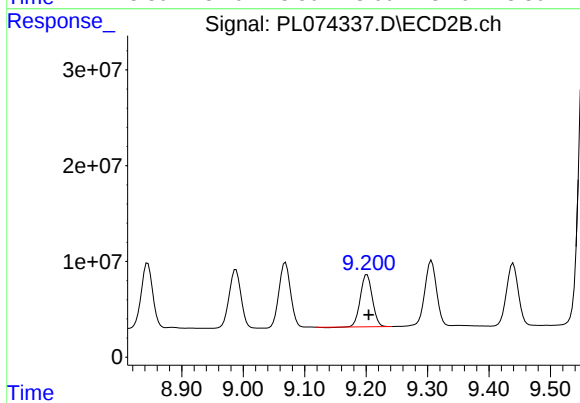
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 90764236
Conc: 51.20 ng/ml



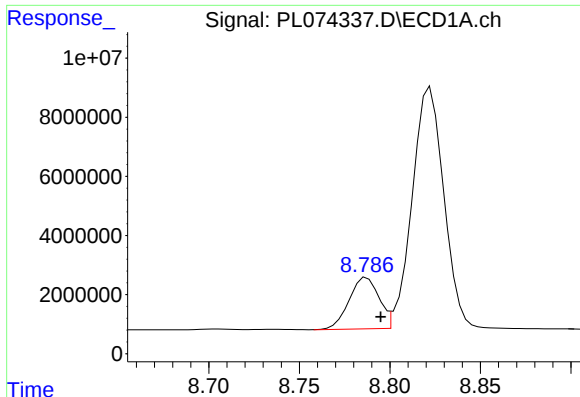
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 17525093
Conc: 54.16 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 73235195
Conc: 56.70 ng/ml



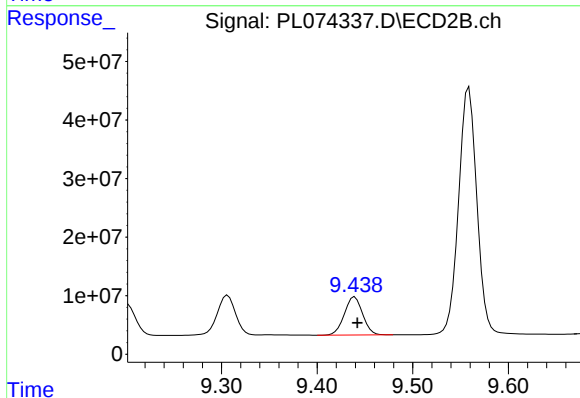
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 20108507
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

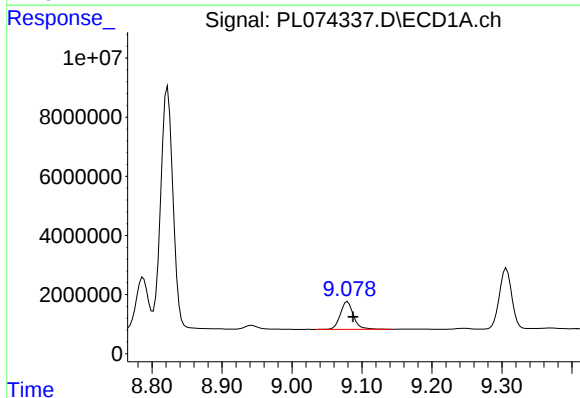
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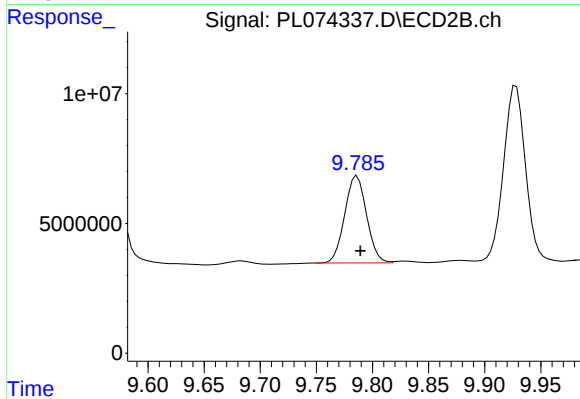
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 87012119
Conc: 52.28 ng/ml



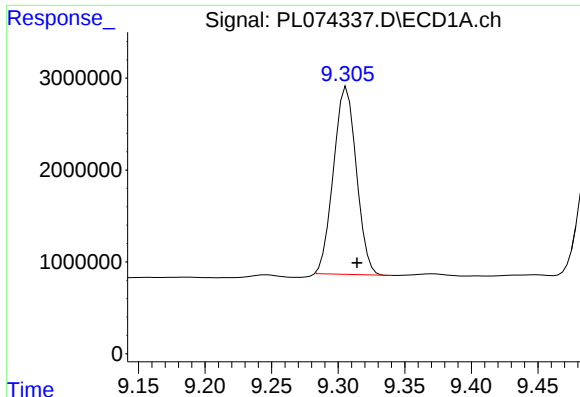
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 12135340
Conc: 48.88 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 45484909
Conc: 47.29 ng/ml m



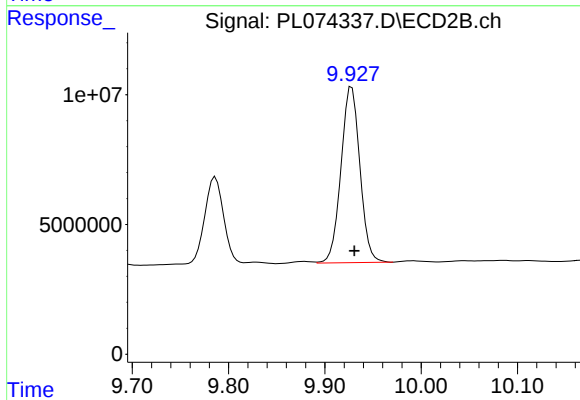
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.008 min
Response: 24386125
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

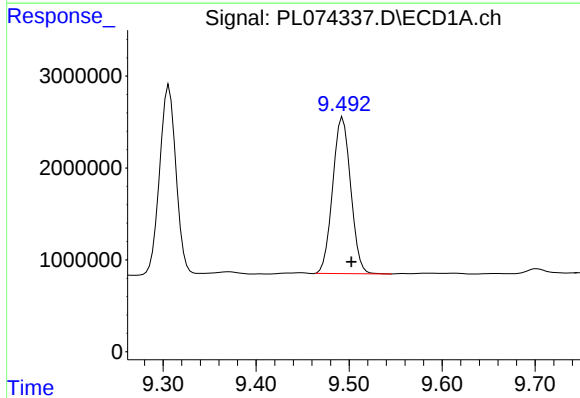
Manual Integrations
APPROVED

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



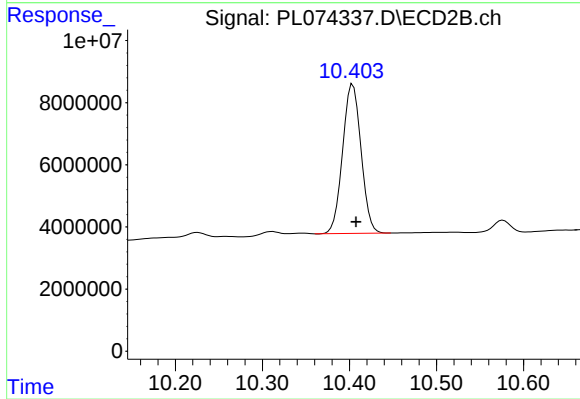
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 92300882
Conc: 53.32 ng/ml



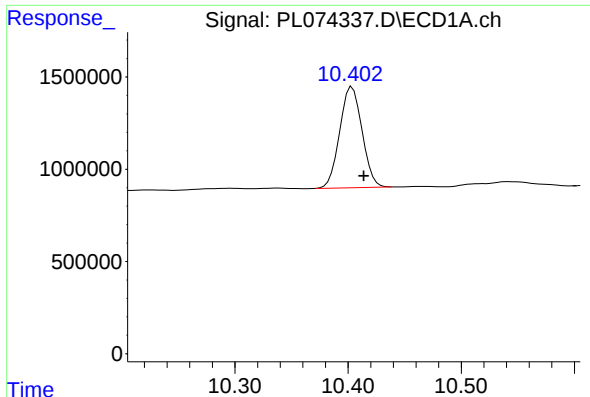
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 22939930
Conc: 49.18 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 70760892
Conc: 51.37 ng/ml



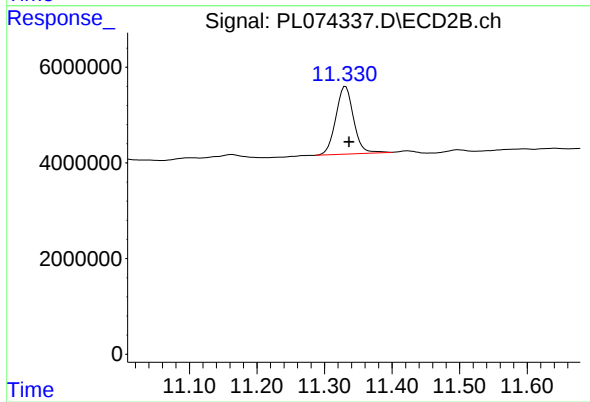
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 7525807
Conc: 14.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 25972120
Conc: 14.70 ng/ml