

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042922\
 Data File : PL074459.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2022 19:12
 Operator : AR\AJ
 Sample : PB144461BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144461BS

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 00:53:55 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	7031839	36430341	21.763	20.432
28)	SA Decachlor...	10.404	11.333	12349652	40882344	23.748m	23.146
Target Compounds							
2)	A alpha-BHC	5.341	6.052	22688753	131.3E6	54.064	52.139
3)	MA gamma-BHC...	5.765	6.442	22659008	122.7E6	54.027	51.843
4)	MA Heptachlor	6.175	7.101	24857971	120.7E6	55.184	46.288
5)	MB Aldrin	6.500	7.469	23579260	118.8E6	56.811	50.570
6)	B beta-BHC	6.145	6.679	10746120	54002918	52.593	47.917
7)	B delta-BHC	6.407	6.946	23011930	115.8E6	55.628	47.395
8)	B Heptachlo...	7.077	7.925	23805036	111.3E6	55.498	49.419
9)	A Endosulfan I	7.481	8.326	22572601	102.7E6	55.039	52.181
10)	B gamma-Chl...	7.355	8.194	24252249	113.4E6	55.296	50.848
11)	B alpha-Chl...	7.424	8.276	24563824	112.3E6	55.603	52.185
12)	B 4,4'-DDE	7.639	8.461	20845256	109.0E6	57.139	54.714
13)	MA Dieldrin	7.765	8.611	23973545	109.3E6	55.808m	54.524
14)	MA Endrin	8.058	8.846	23356733	95585258	57.496	56.437
15)	B Endosulfa...	8.369	9.070	23428739	91873225	56.844	52.885
16)	A 4,4'-DDD	8.224	8.989	18098237	81686462	56.045	53.091
17)	MA 4,4'-DDT	8.485	9.307	20692721	90047592	55.981	50.798
18)	B Endrin al...	8.557	9.203	19523501	73826740	60.341	57.158
19)	B Endosulfa...	8.788	9.440	23638178	87266299	55.356	52.433
20)	A Methoxychlor	9.080	9.787	13600076	48982183	54.780	50.925m
21)	B Endrin ke...	9.307	9.929	26820570	92750269	54.898	53.584
22)	Mirex	9.494	10.405	24982525	72713448	53.564	52.790

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042922\
 Data File : PL074459.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2022 19:12
 Operator : AR\AJ
 Sample : PB144461BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB144461BS

Manual Integrations

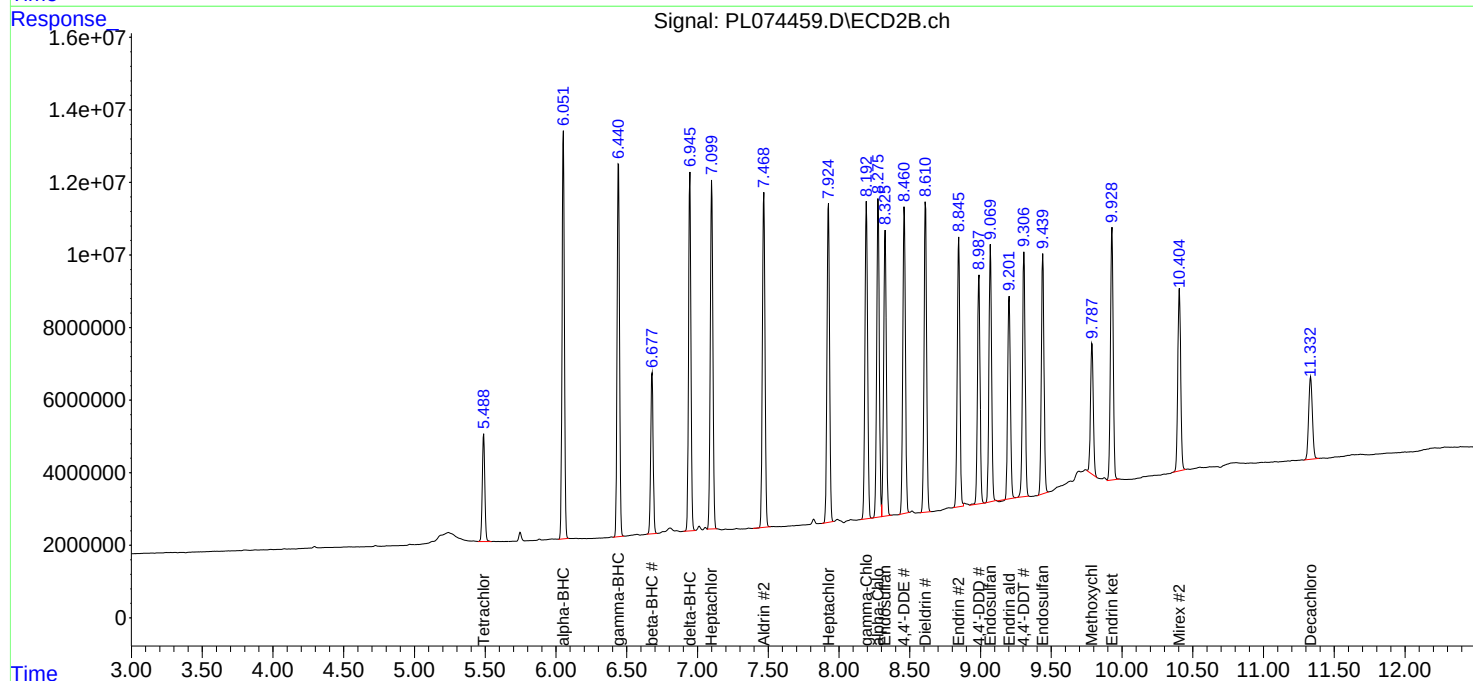
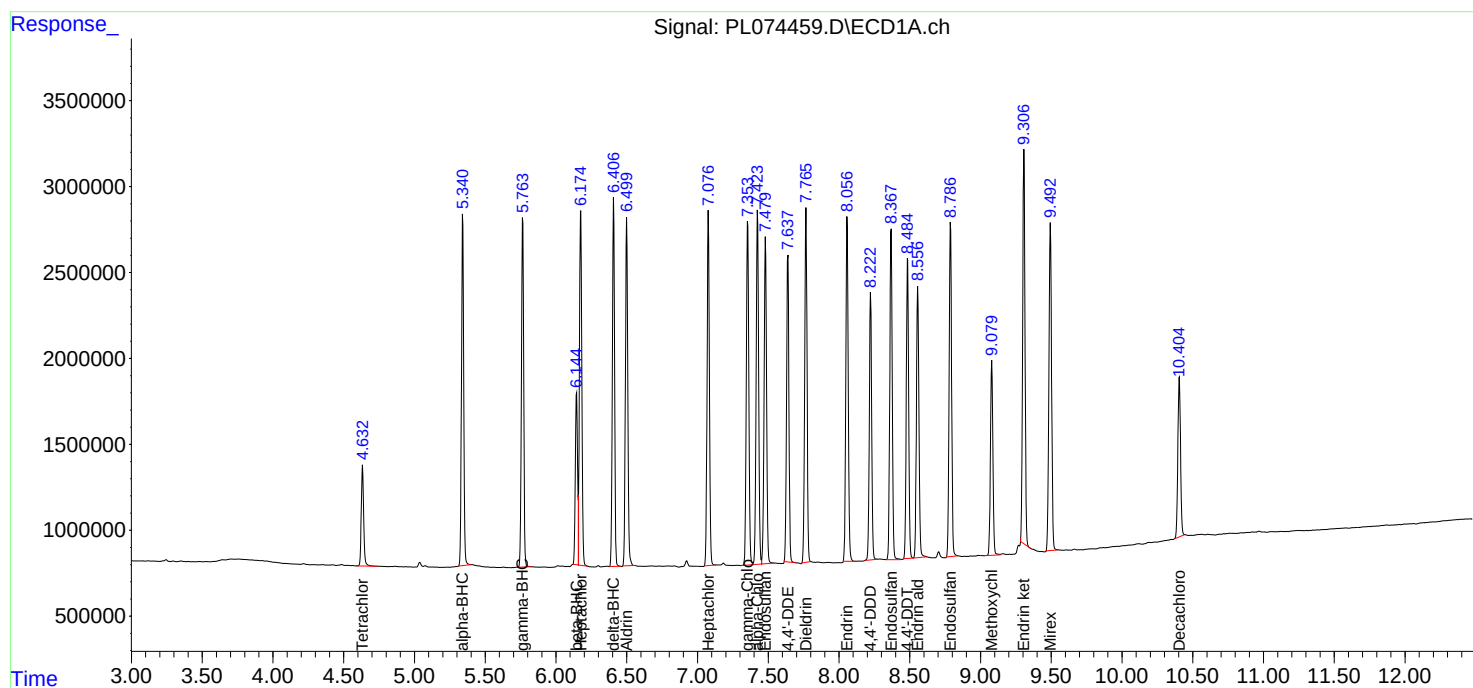
APPROVED

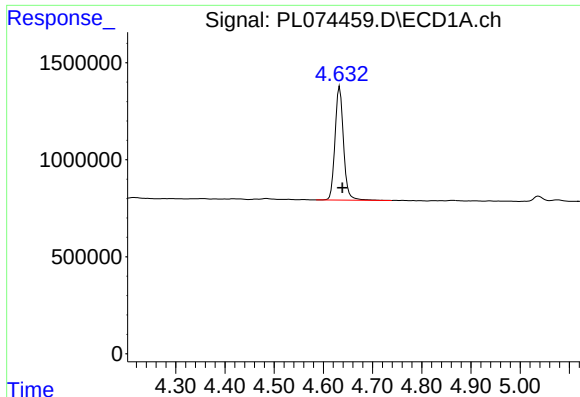
Reviewed By :Abdul Mirza 04/30/2022

Supervised By :mohammad ahmed 05/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:53:55 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
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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





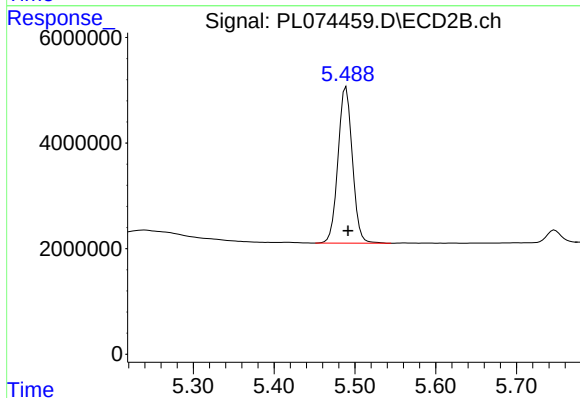
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 7031839
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

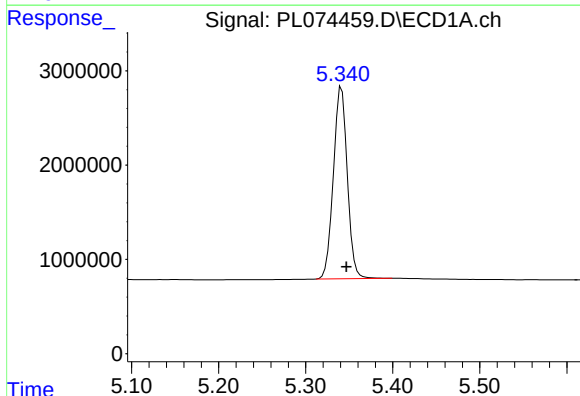
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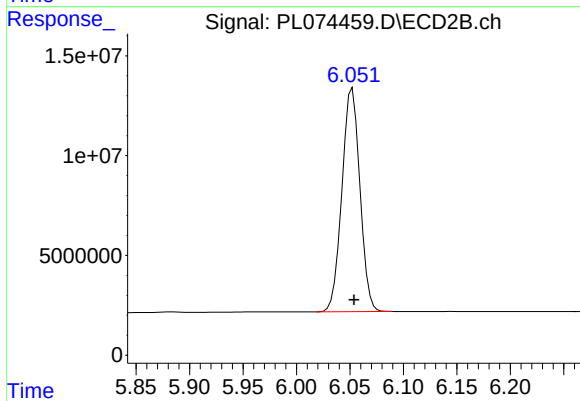
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 36430341
Conc: 20.43 ng/ml



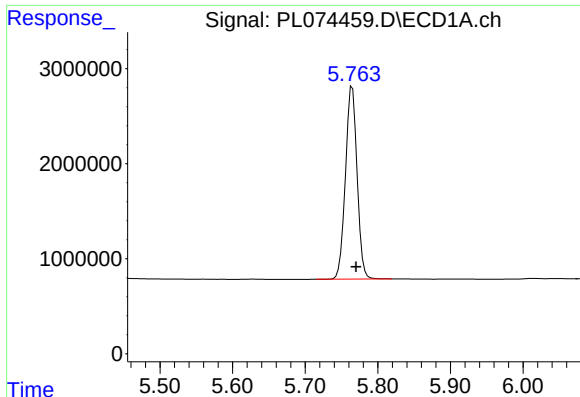
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 22688753
Conc: 54.06 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 131291604
Conc: 52.14 ng/ml



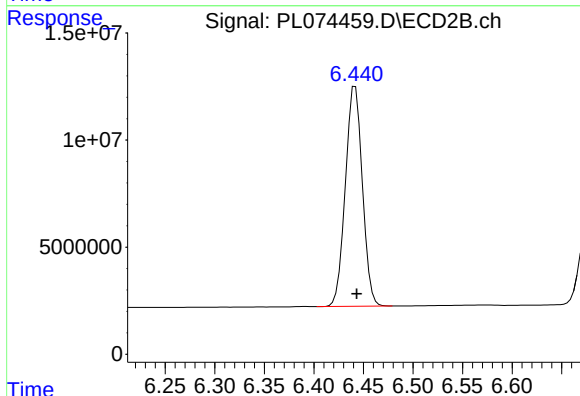
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 22659008
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

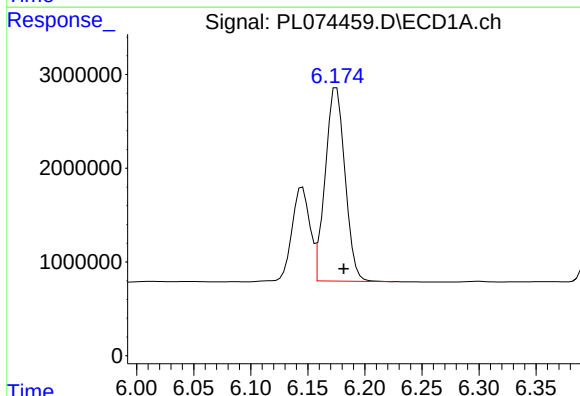
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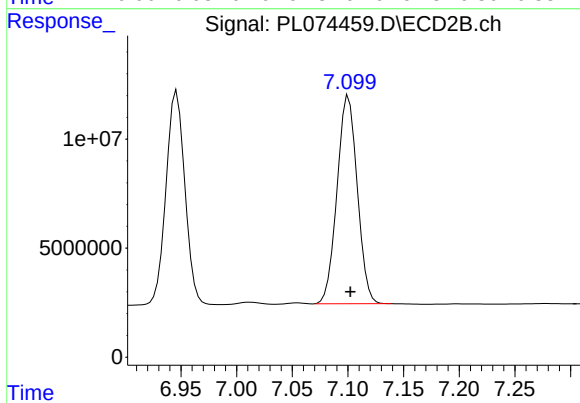
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 122718769
Conc: 51.84 ng/ml



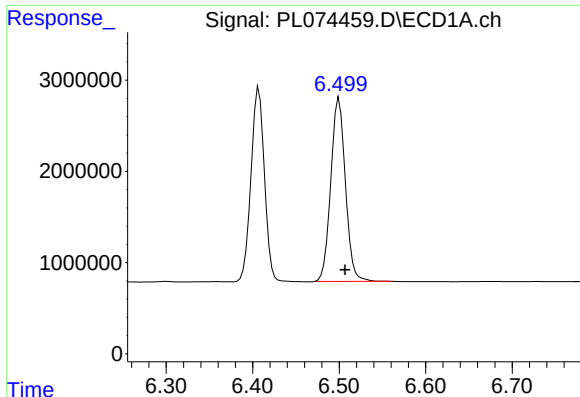
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 24857971
Conc: 55.18 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 120738821
Conc: 46.29 ng/ml



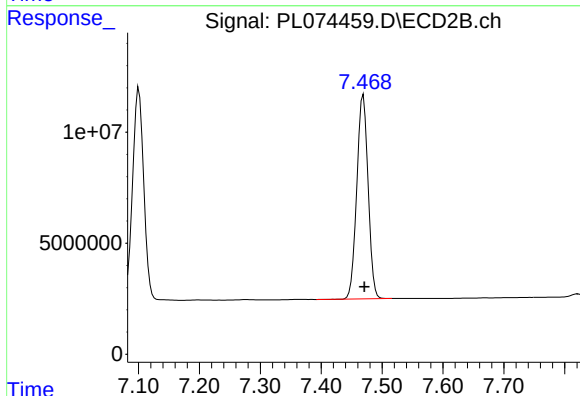
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 23579260
Conc: 56.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

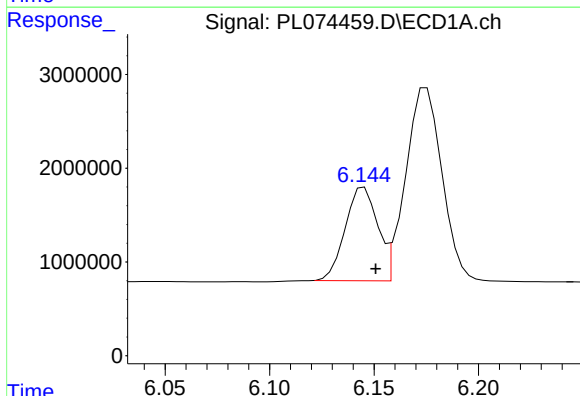
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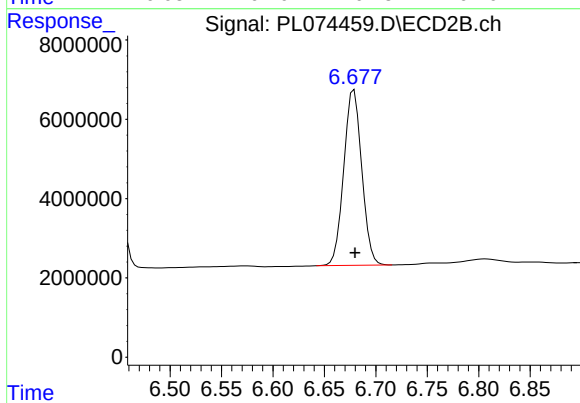
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 118767533
Conc: 50.57 ng/ml



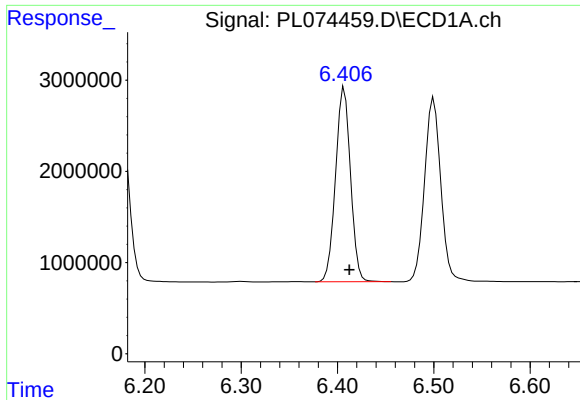
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 10746120
Conc: 52.59 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 54002918
Conc: 47.92 ng/ml



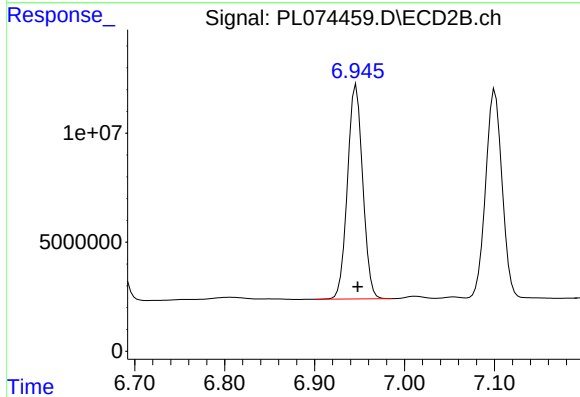
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 23011930
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

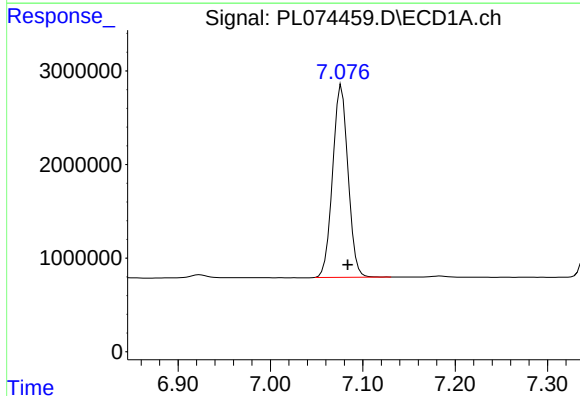
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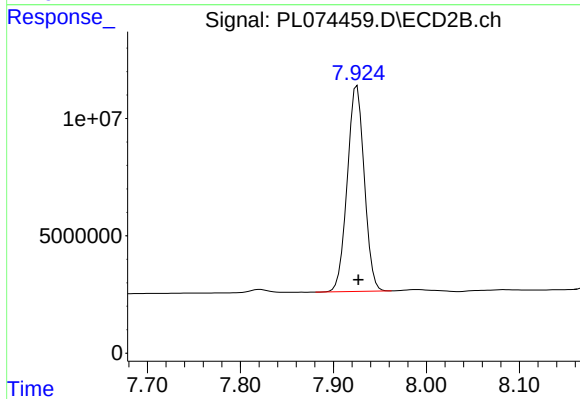
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 115752079
Conc: 47.40 ng/ml



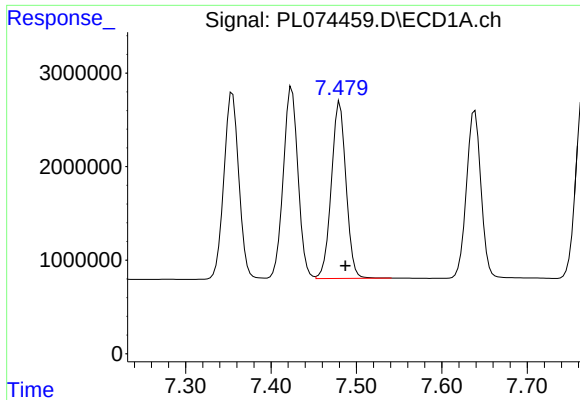
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 23805036
Conc: 55.50 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 111270327
Conc: 49.42 ng/ml



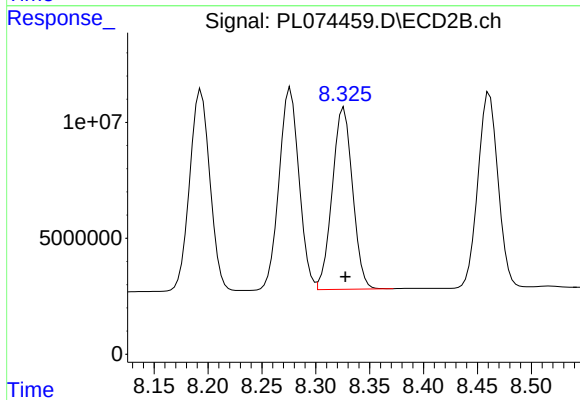
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.007 min
Response: 22572601
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

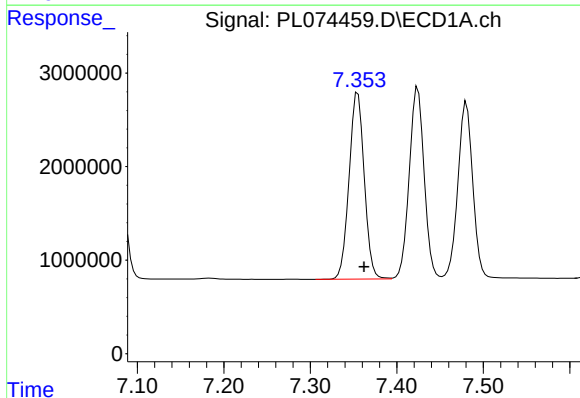
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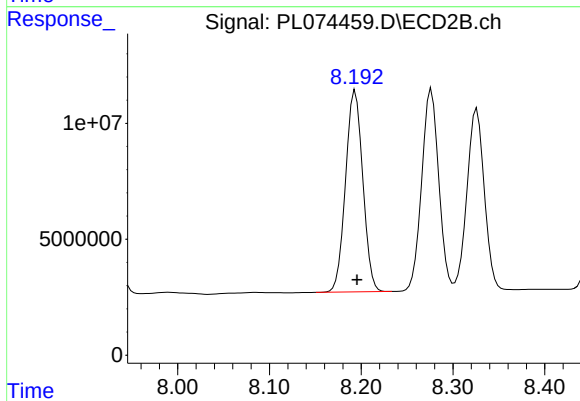
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 102726817
Conc: 52.18 ng/ml



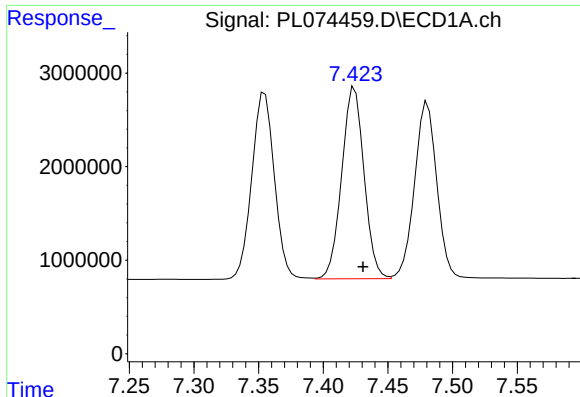
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 24252249
Conc: 55.30 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 113409806
Conc: 50.85 ng/ml



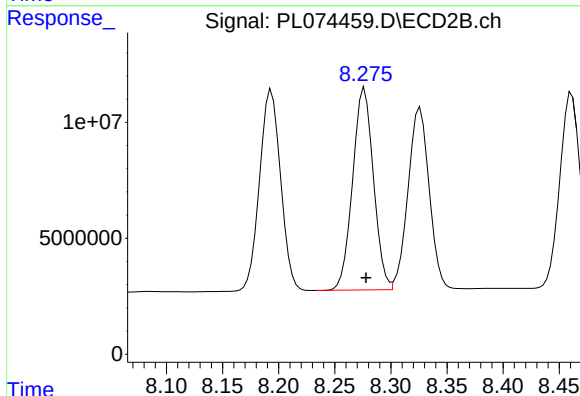
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 24563824
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

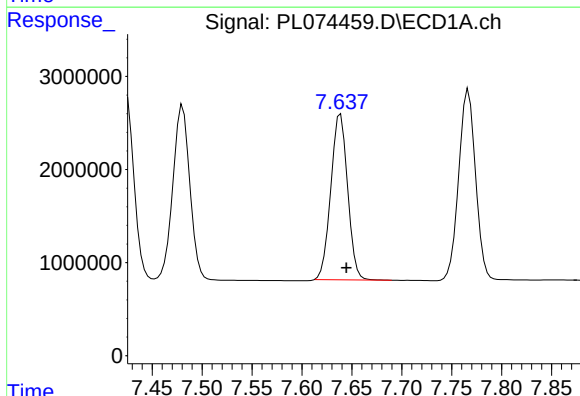
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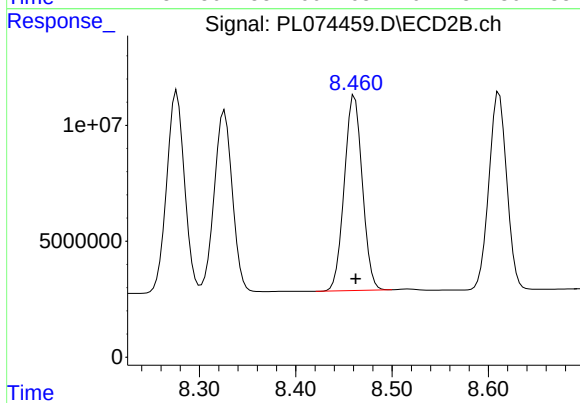
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 112333518
Conc: 52.19 ng/ml



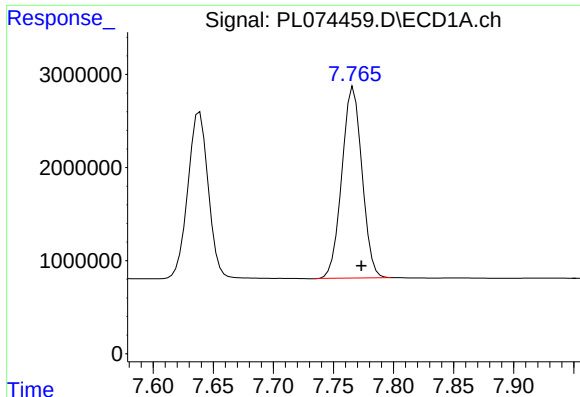
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 20845256
Conc: 57.14 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 108973338
Conc: 54.71 ng/ml



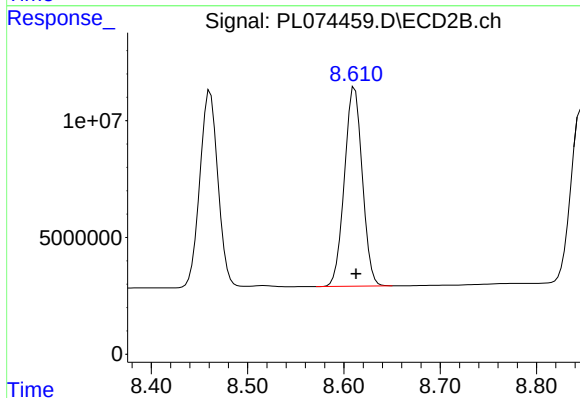
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 23973545
Conc: 55.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

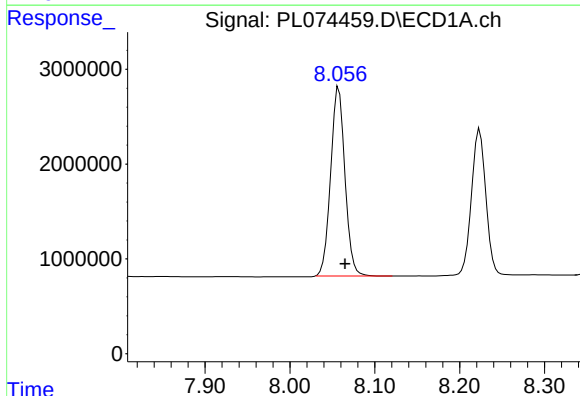
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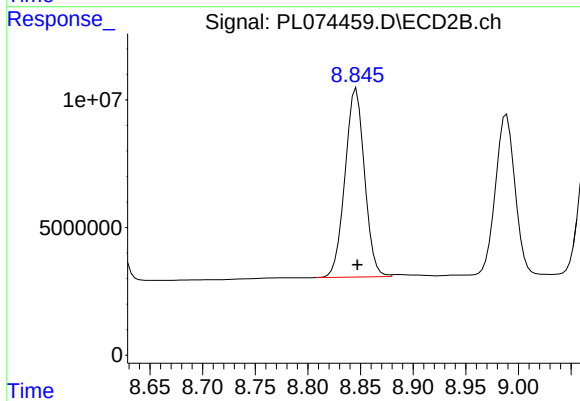
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 109335106
Conc: 54.52 ng/ml



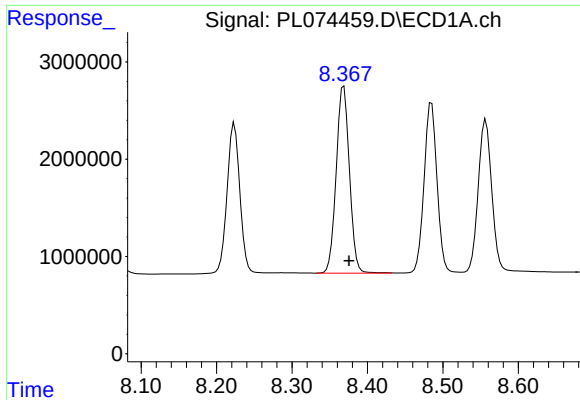
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 23356733
Conc: 57.50 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 95585258
Conc: 56.44 ng/ml



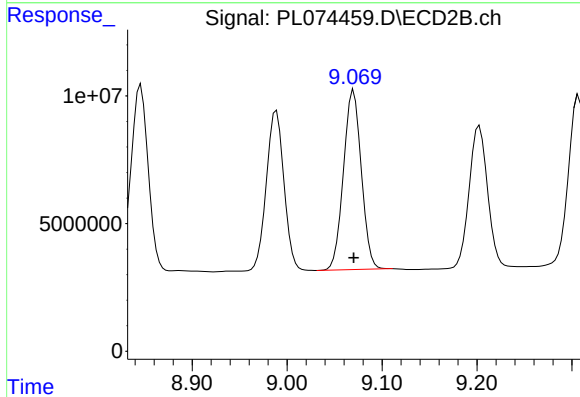
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.007 min
Response: 23428739
Conc: 56.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

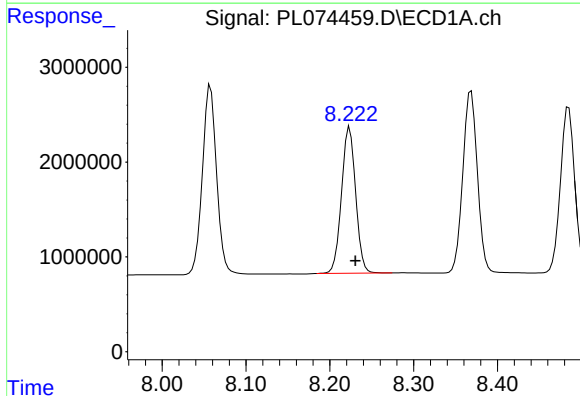
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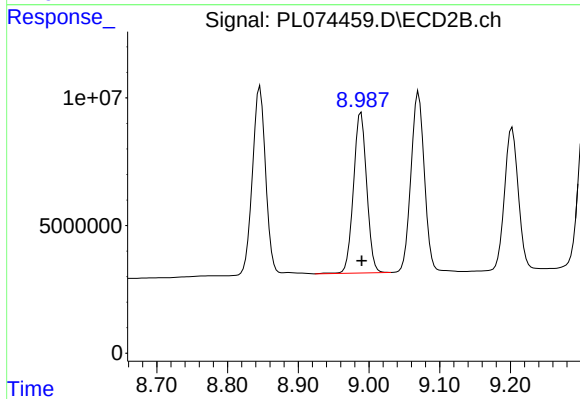
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 91873225
Conc: 52.88 ng/ml



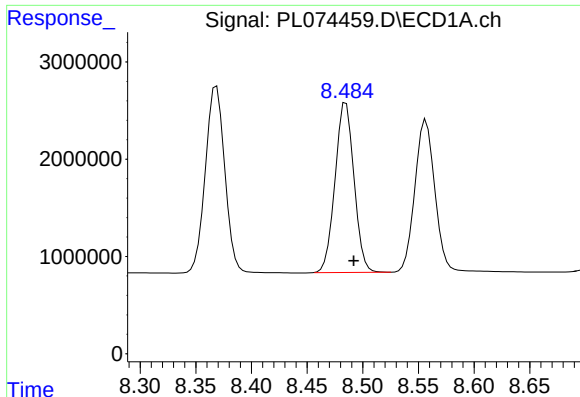
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 18098237
Conc: 56.04 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 81686462
Conc: 53.09 ng/ml



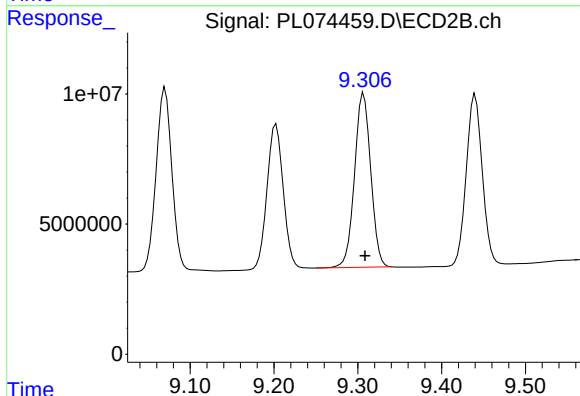
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 20692721
Conc: 55.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

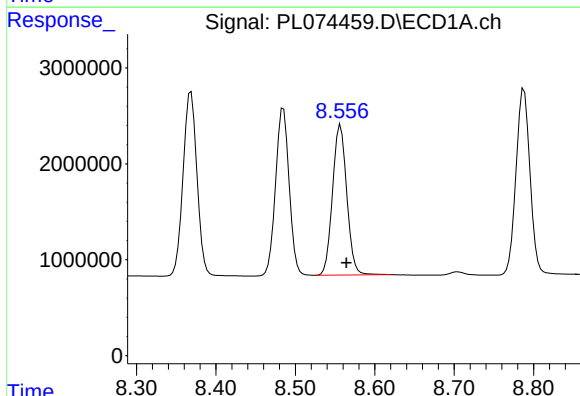
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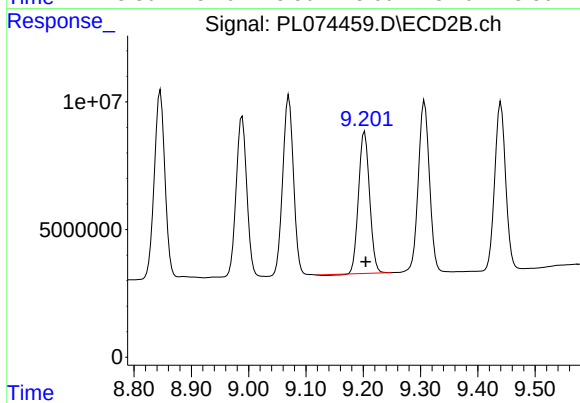
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 90047592
Conc: 50.80 ng/ml



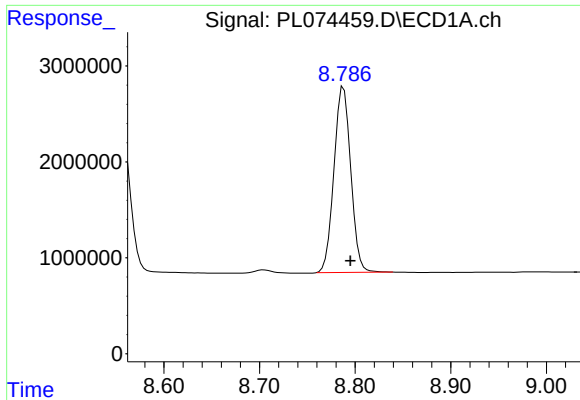
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 19523501
Conc: 60.34 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.002 min
Response: 73826740
Conc: 57.16 ng/ml



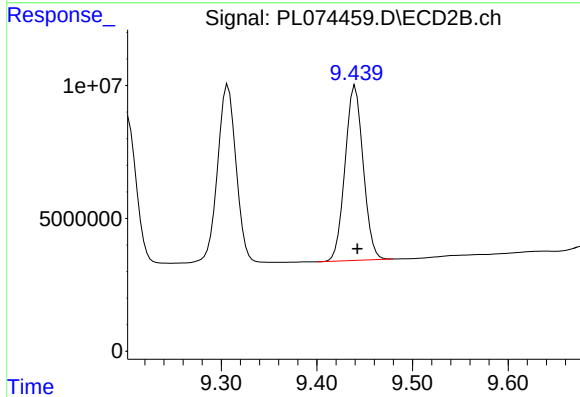
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 23638178
Conc: 55.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

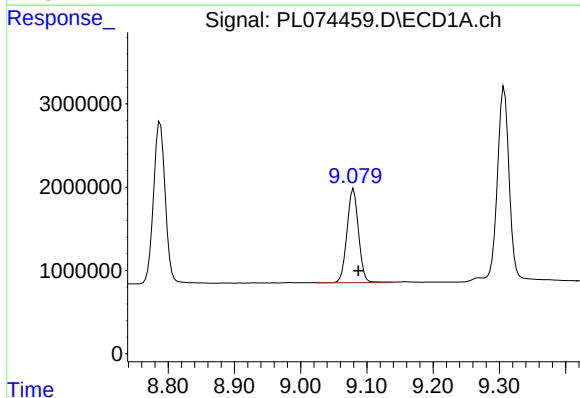
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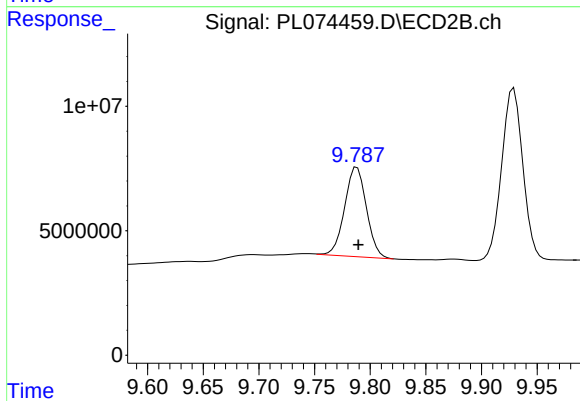
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 87266299
Conc: 52.43 ng/ml



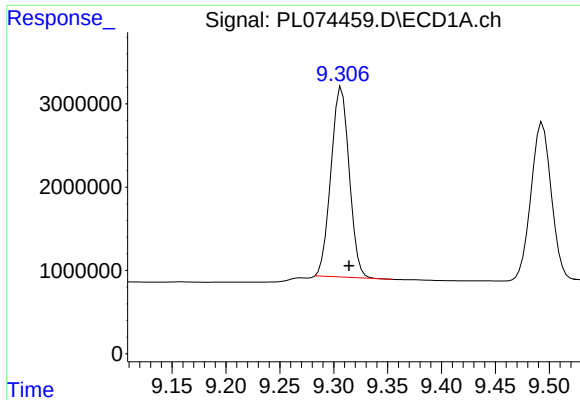
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 13600076
Conc: 54.78 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 48982183
Conc: 50.93 ng/ml m



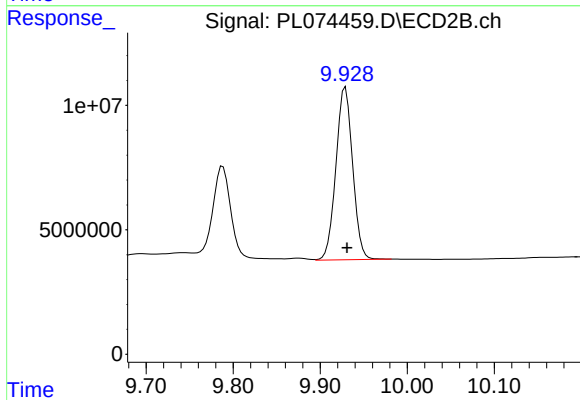
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 26820570
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

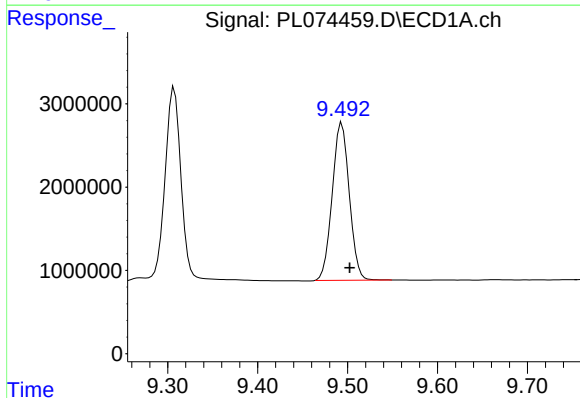
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Reviewed By :Abdul Mirza 04/30/2022
Supervised By :mohammad ahmed 05/02/2022



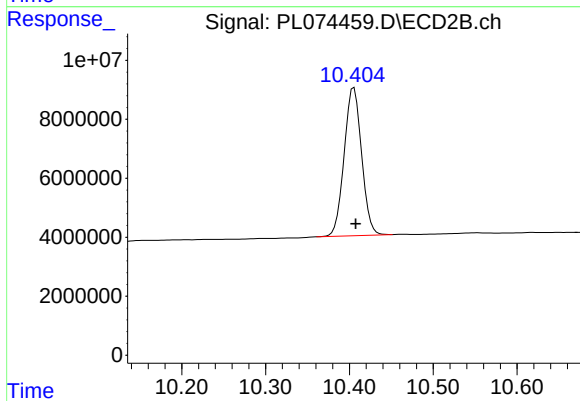
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 92750269
Conc: 53.58 ng/ml



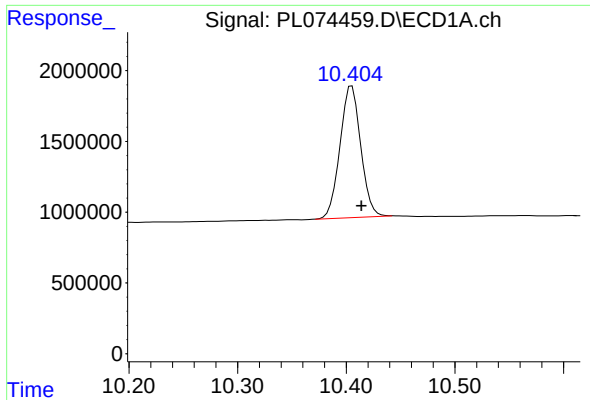
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 24982525
Conc: 53.56 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 72713448
Conc: 52.79 ng/ml



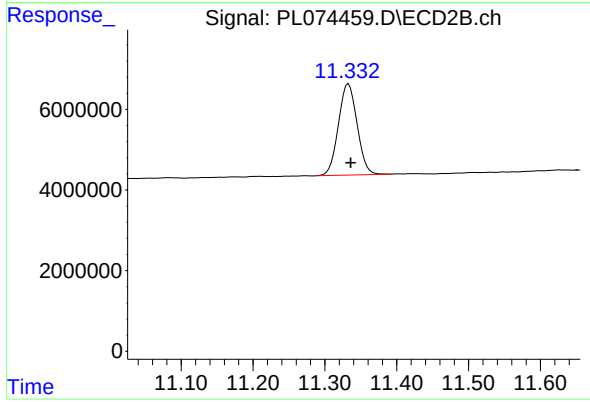
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 12349652
Conc: 23.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144461BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 40882344
Conc: 23.15 ng/ml