

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074399.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 14:59
 Operator : AR\AJ
 Sample : PB144394BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144394BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 23:26:00 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...	4.646	5.485	6600803	35520272	20.429	19.922
28)	SA Decachlor...	10.414	11.335	11558079	38811328	22.226	21.973
Target Compounds							
2)	A alpha-BHC	5.353	6.048	3621748	19834732	8.630	7.877
3)	MA gamma-BHC...	5.776	6.438	3720403	21768725	8.871	9.196m
4)	MA Heptachlor	6.187	7.099	4293336	23271895	9.531	8.922
5)	MB Aldrin	6.512	7.467	4169694	23353460	10.046	9.944
6)	B beta-BHC	6.157	6.676	2126938	10945494	10.409	9.712
7)	B delta-BHC	6.418	6.944	1696886	9639383	4.102	3.947
8)	B Heptachlo...	7.088	7.924	4427747	21893272	10.323	9.724
9)	A Endosulfan I	7.491	8.325	4184332	20559717	10.203	10.444
10)	B gamma-Chl...	7.366	8.193	4548064	22363915	10.370	10.027
11)	B alpha-Chl...	7.435	8.276	4571367	22074968	10.348	10.255
12)	B 4,4'-DDE	7.649	8.461	3715463	21242682	10.184	10.666
13)	MA Dieldrin	7.777	8.611	4319660	20775277	10.056	10.360
14)	MA Endrin	8.068	8.845	3822723	16450814	9.410	9.713
15)	B Endosulfa...	8.379	9.070	4407003	18228786	10.692	10.493
16)	A 4,4'-DDD	8.234	8.989	3310582	16759383	10.252	10.893
17)	MA 4,4'-DDT	8.495	9.308	2876052	13747919	7.781	7.755
18)	B Endrin al...	8.567	9.203	3453007	13968237	10.672	10.814
19)	B Endosulfa...	8.798	9.441	3960597	15420670	9.275	9.265
20)	A Methoxychlor	9.090	9.788	2126125	7928837	8.564	8.243
21)	B Endrin ke...	9.316	9.929	5316326	19163648	10.882	11.071
22)	Mirex	9.503	10.407	16828236	50087130	36.081	36.363

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
Data File : PL074399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Apr 2022 14:59
Operator : AR\AJ
Sample : PB144394BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

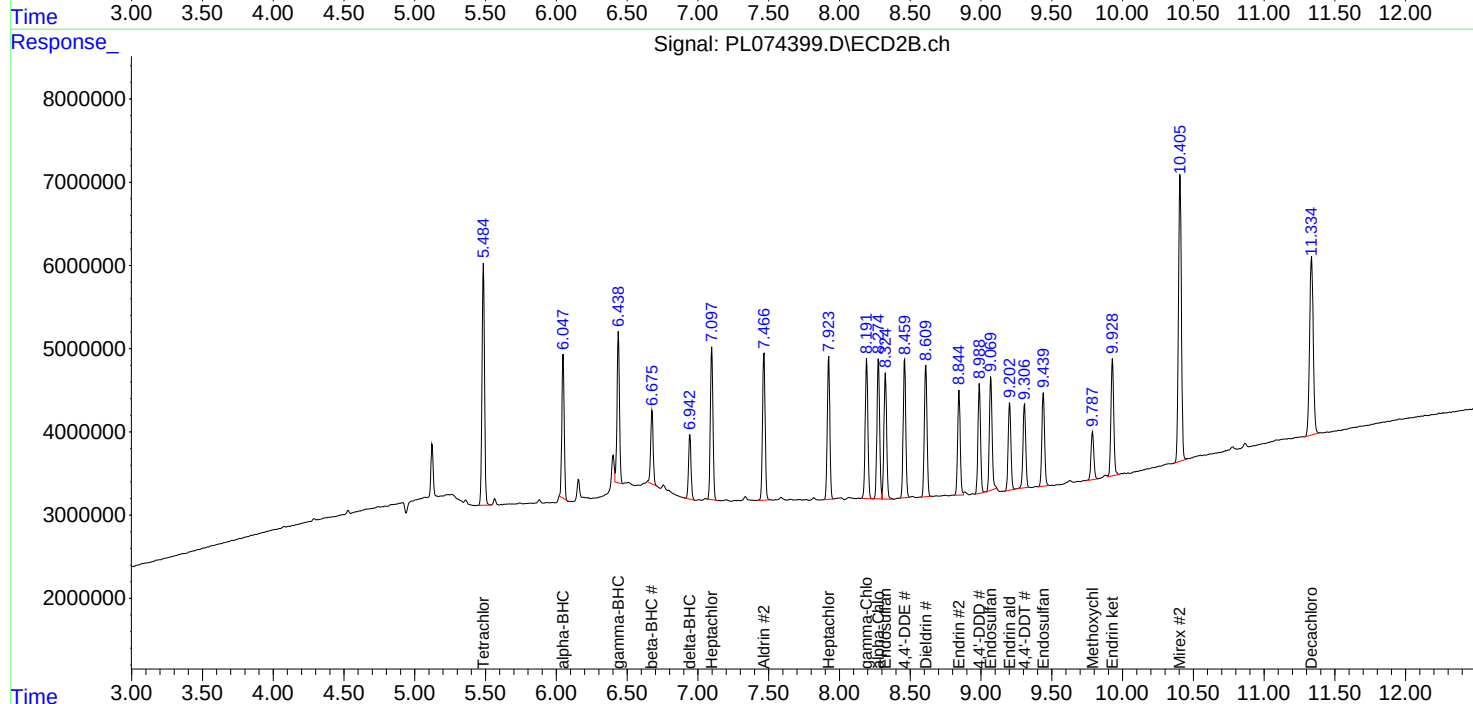
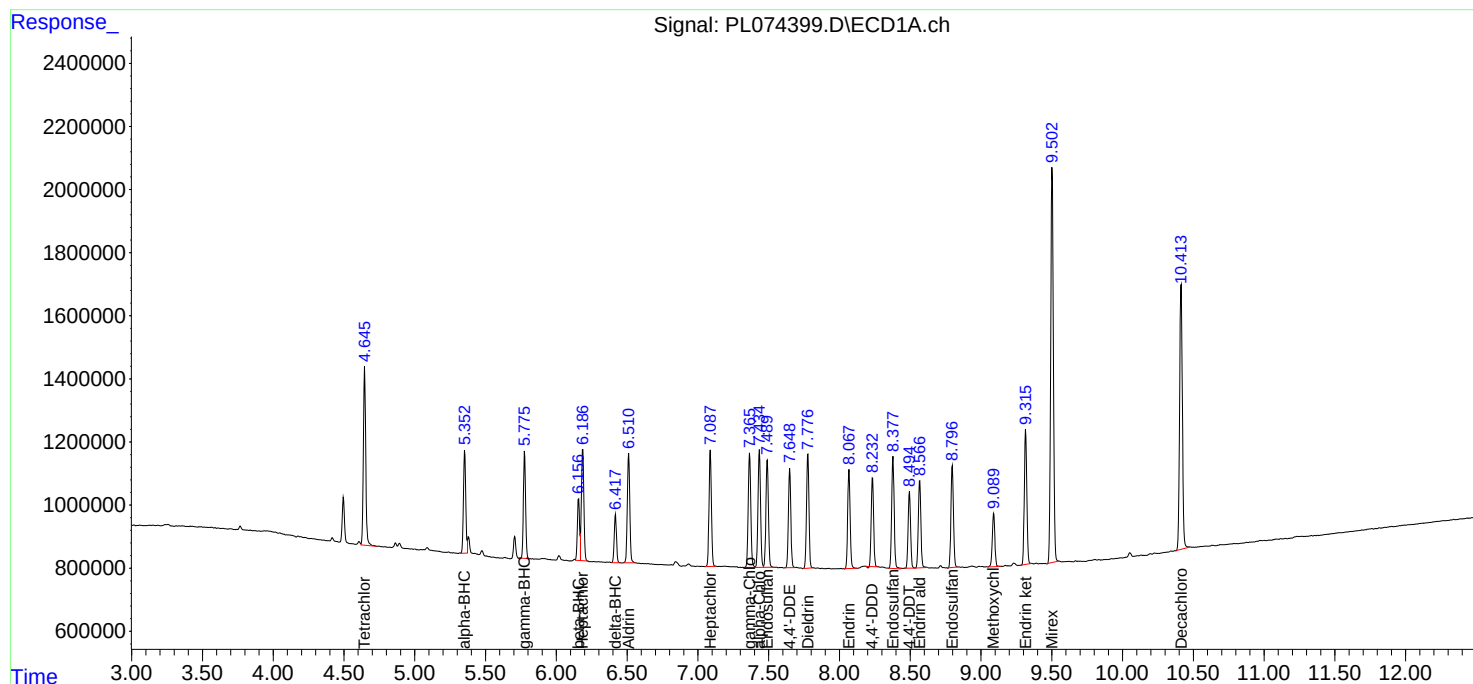
Instrument :
ECD_L
ClientSampleId :
PB144394BS

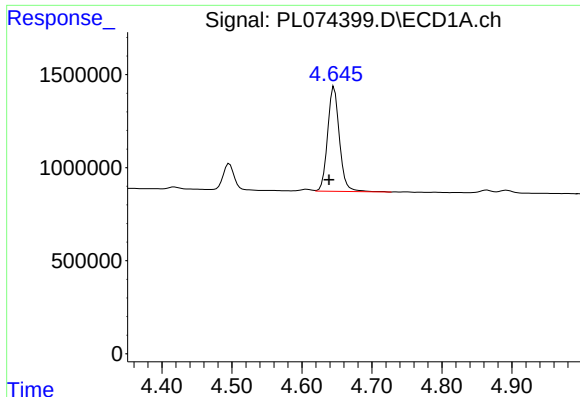
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 27 23:26:00 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





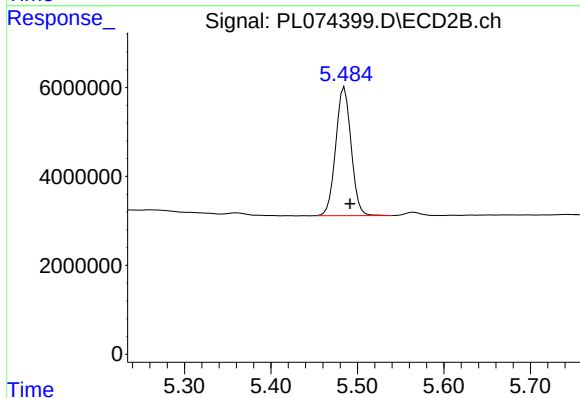
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.007 min
Response: 6600803
Conc: 20.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

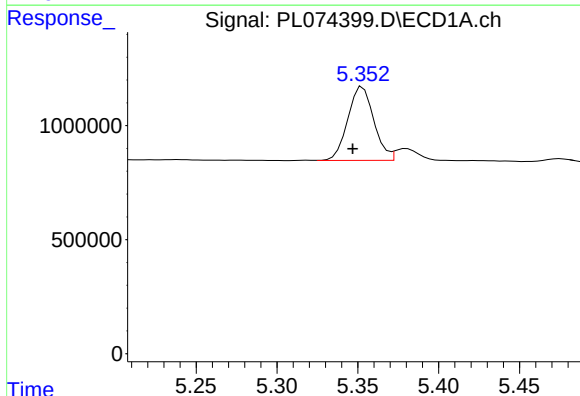
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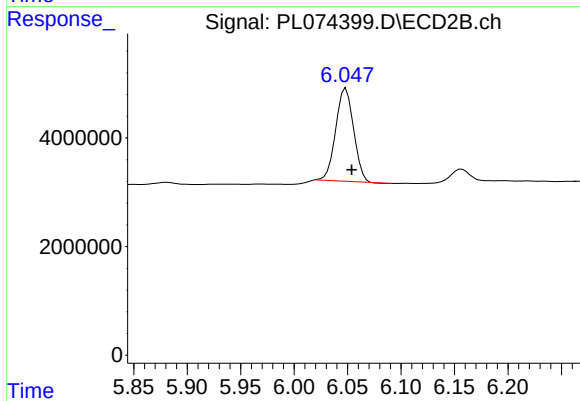
#1 Tetrachloro-m-xylene

R.T.: 5.485 min
Delta R.T.: -0.006 min
Response: 35520272
Conc: 19.92 ng/ml



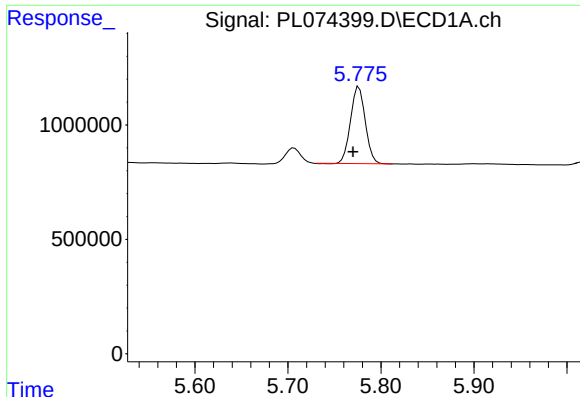
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.006 min
Response: 3621748
Conc: 8.63 ng/ml



#2 alpha-BHC

R.T.: 6.048 min
Delta R.T.: -0.005 min
Response: 19834732
Conc: 7.88 ng/ml



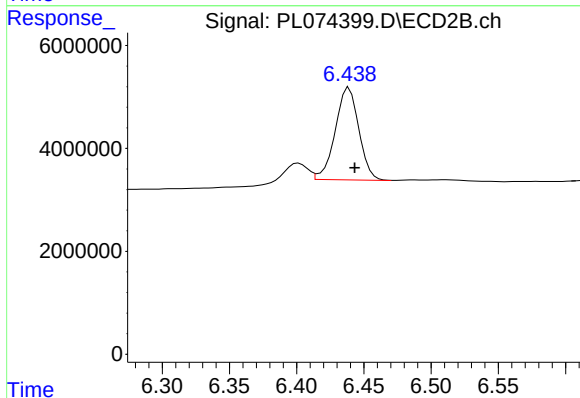
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: 0.006 min
Response: 3720403
Conc: 8.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

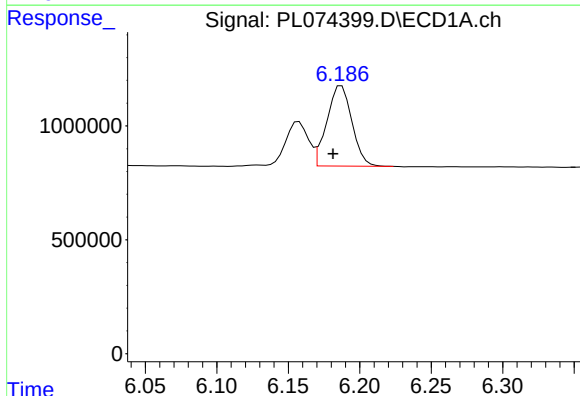
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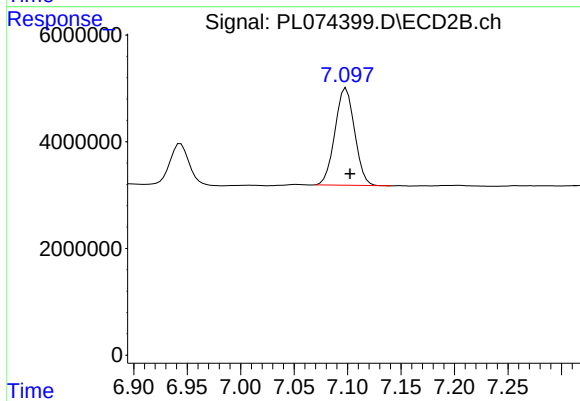
#3 gamma-BHC (Lindane)

R.T.: 6.438 min
Delta R.T.: -0.006 min
Response: 21768725
Conc: 9.20 ng/ml m



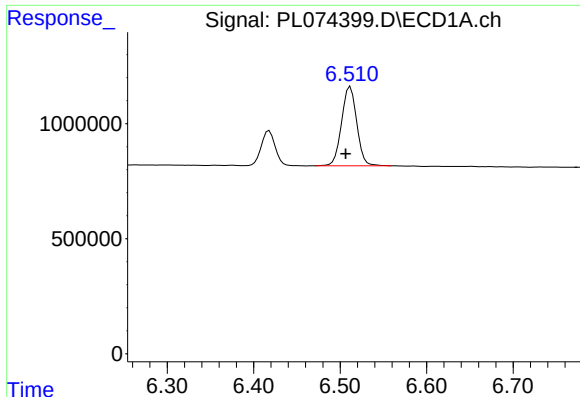
#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: 0.006 min
Response: 4293336
Conc: 9.53 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.004 min
Response: 23271895
Conc: 8.92 ng/ml



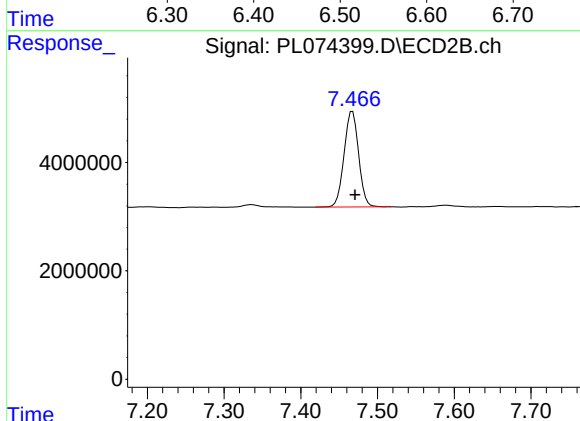
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: 0.005 min
Response: 4169694
Conc: 10.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

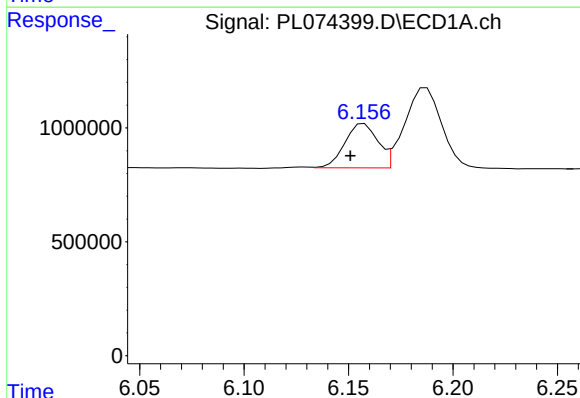
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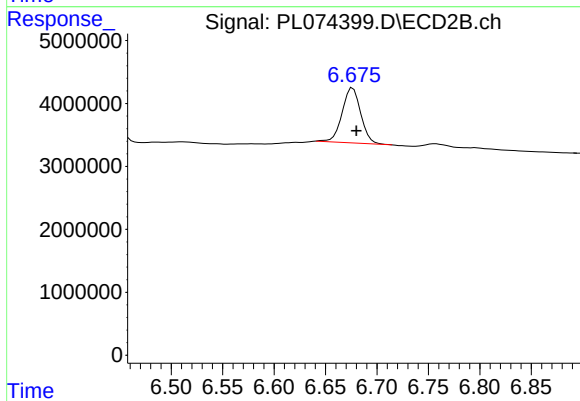
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 23353460
Conc: 9.94 ng/ml



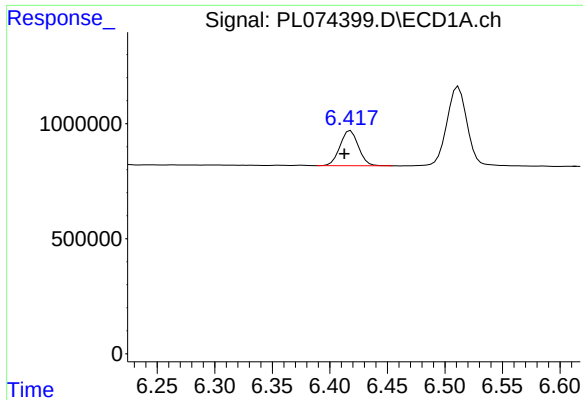
#6 beta-BHC

R.T.: 6.157 min
Delta R.T.: 0.007 min
Response: 2126938
Conc: 10.41 ng/ml



#6 beta-BHC

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 10945494
Conc: 9.71 ng/ml



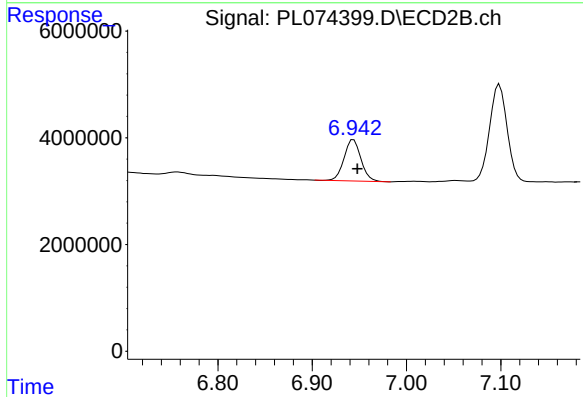
#7 delta-BHC

R.T.: 6.418 min
Delta R.T.: 0.005 min
Response: 1696886
Conc: 4.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

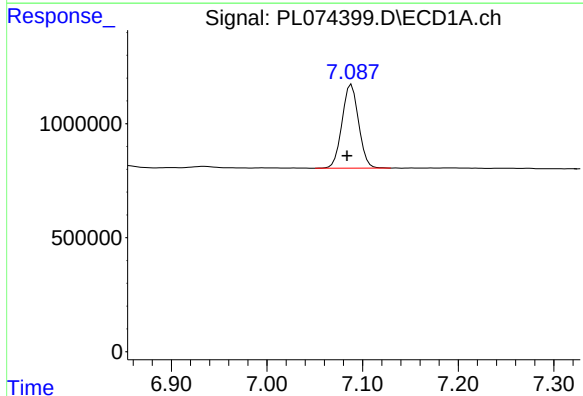
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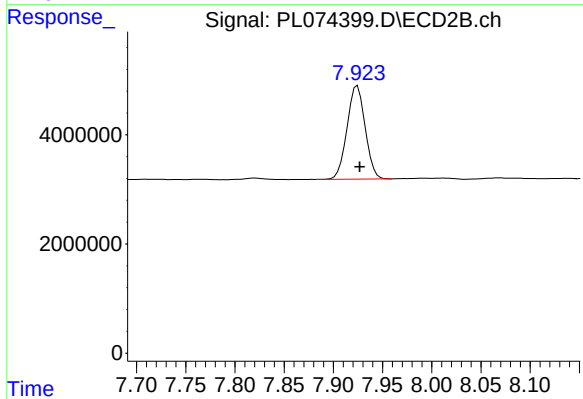
#7 delta-BHC

R.T.: 6.944 min
Delta R.T.: -0.004 min
Response: 9639383
Conc: 3.95 ng/ml



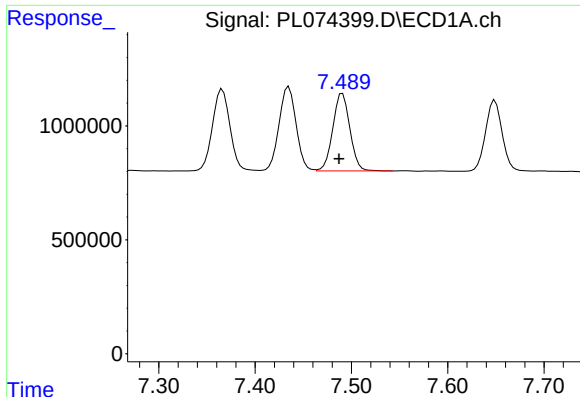
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: 0.005 min
Response: 4427747
Conc: 10.32 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 21893272
Conc: 9.72 ng/ml



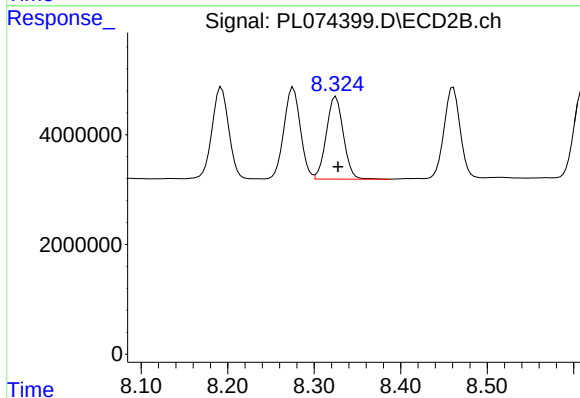
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: 0.004 min
Response: 4184332
Conc: 10.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

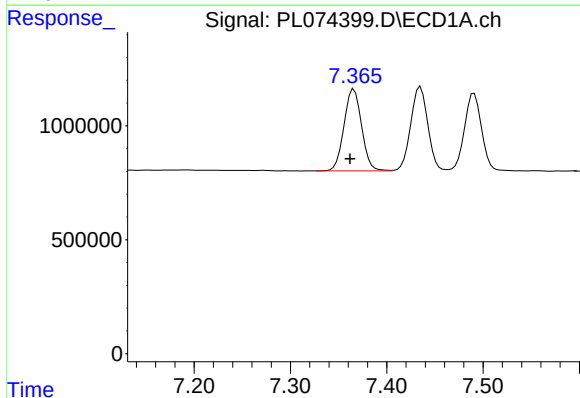
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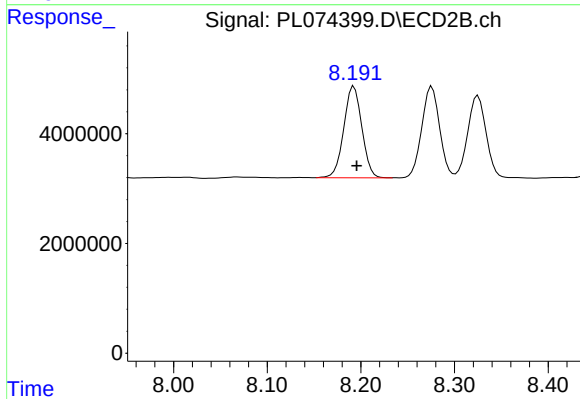
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 20559717
Conc: 10.44 ng/ml



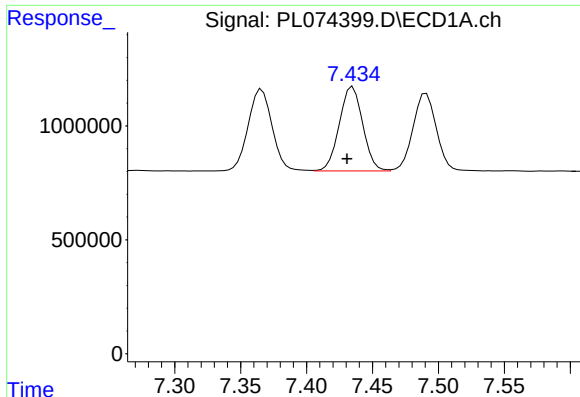
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: 0.004 min
Response: 4548064
Conc: 10.37 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 22363915
Conc: 10.03 ng/ml



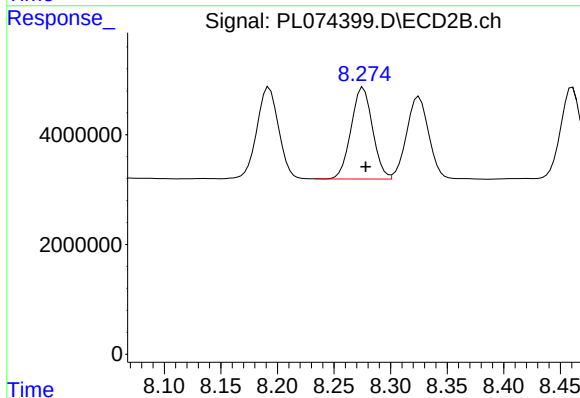
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: 0.004 min
Response: 4571367
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

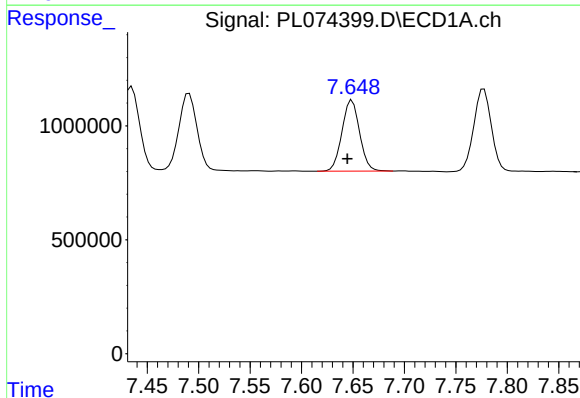
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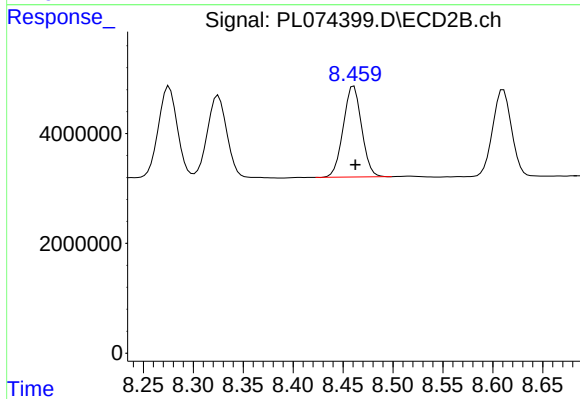
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 22074968
Conc: 10.26 ng/ml



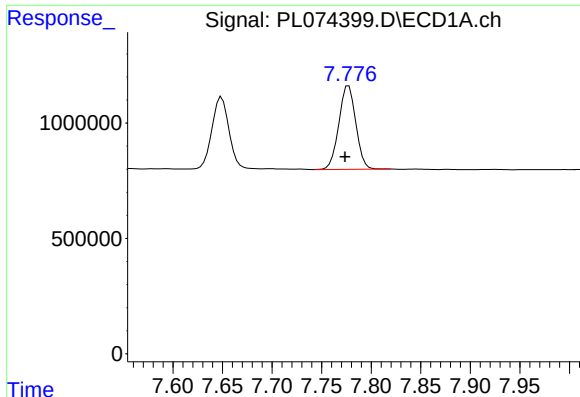
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 3715463
Conc: 10.18 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 21242682
Conc: 10.67 ng/ml



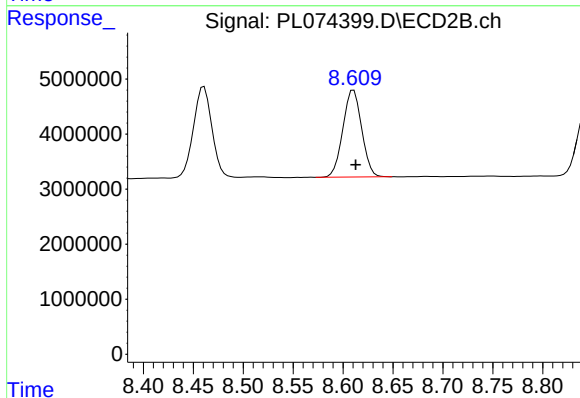
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: 0.004 min
Response: 4319660
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

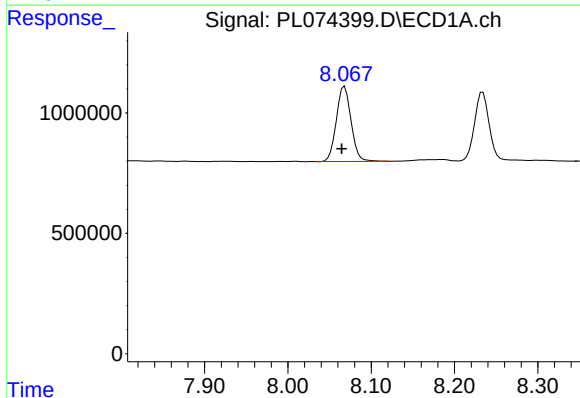
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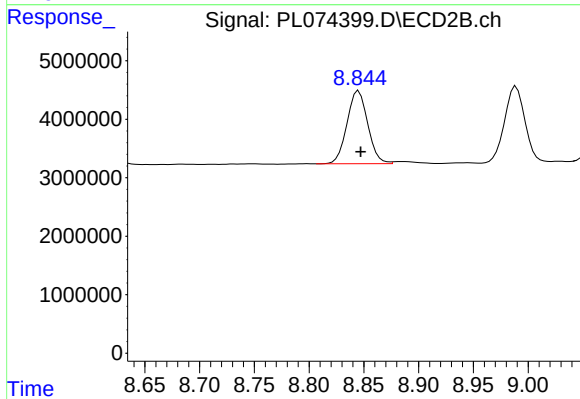
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 20775277
Conc: 10.36 ng/ml



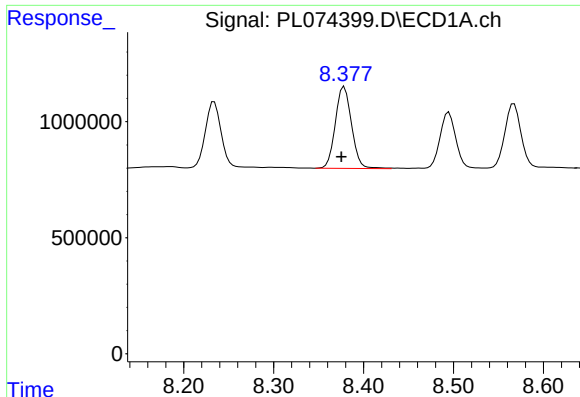
#14 Endrin

R.T.: 8.068 min
Delta R.T.: 0.003 min
Response: 3822723
Conc: 9.41 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 16450814
Conc: 9.71 ng/ml



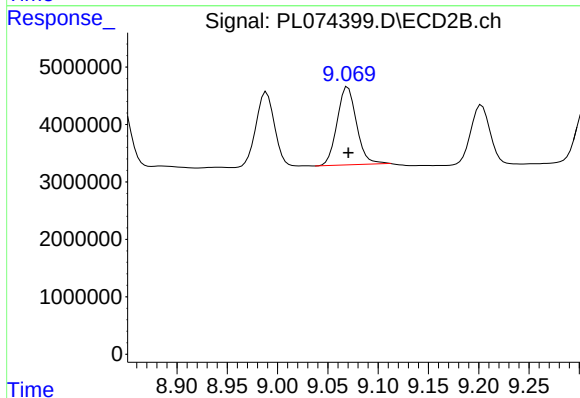
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: 0.003 min
Response: 4407003
Conc: 10.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

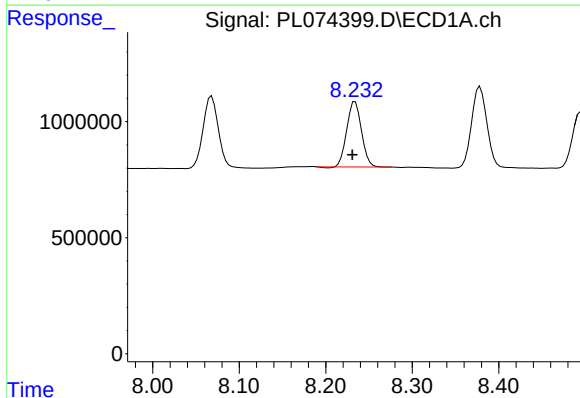
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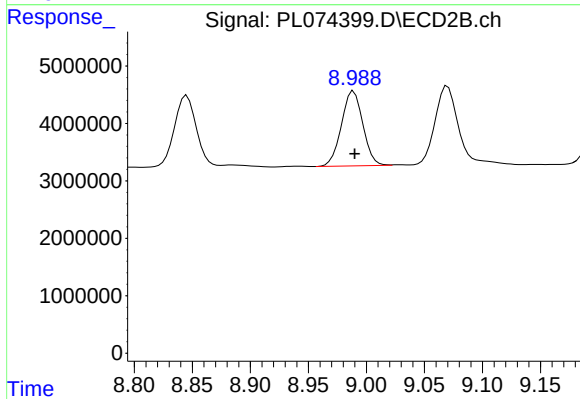
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 18228786
Conc: 10.49 ng/ml



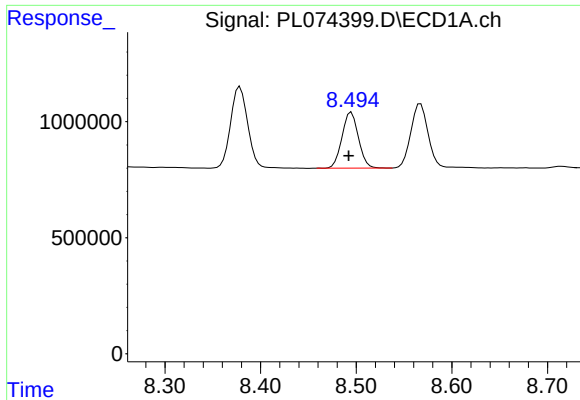
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: 0.003 min
Response: 3310582
Conc: 10.25 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 16759383
Conc: 10.89 ng/ml



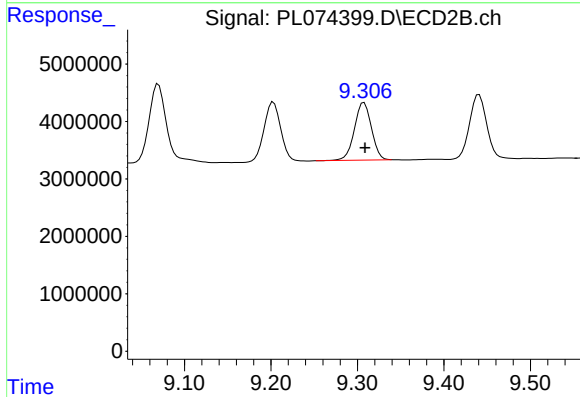
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: 0.003 min
Response: 2876052
Conc: 7.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

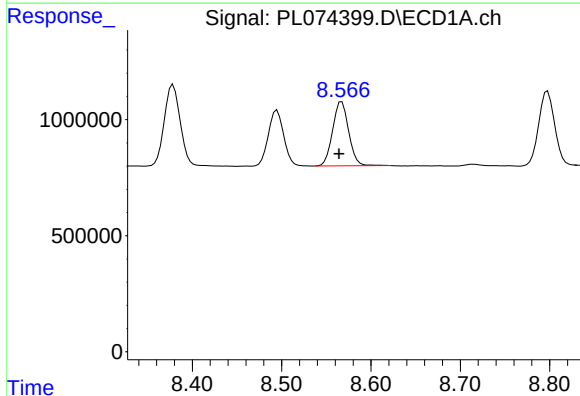
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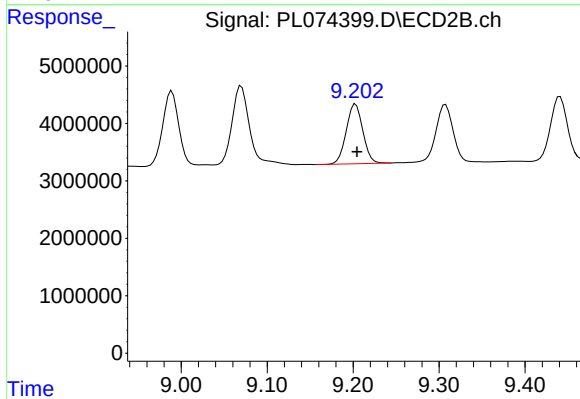
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 13747919
Conc: 7.76 ng/ml



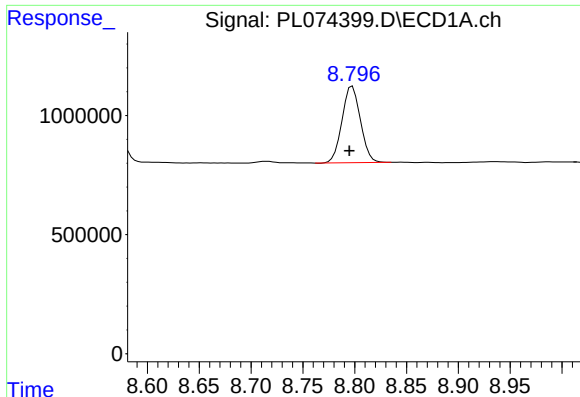
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: 0.003 min
Response: 3453007
Conc: 10.67 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 13968237
Conc: 10.81 ng/ml



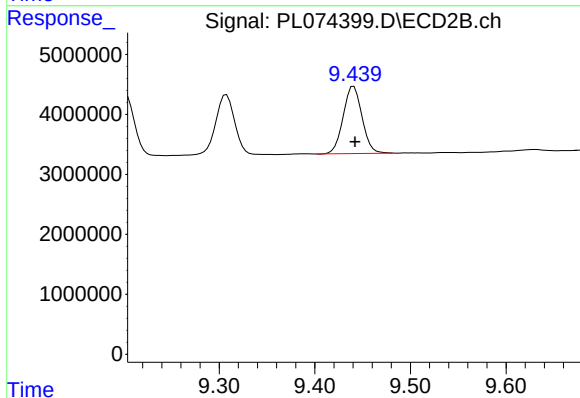
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: 0.003 min
Response: 3960597
Conc: 9.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

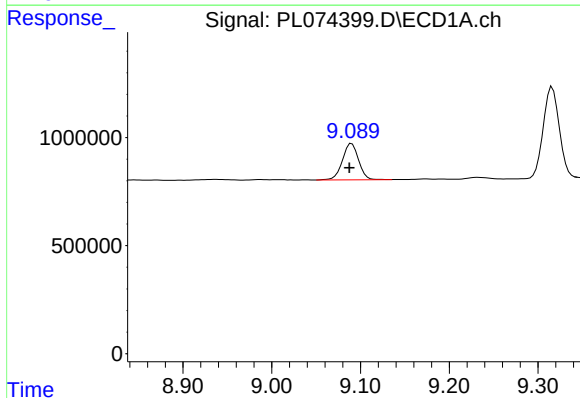
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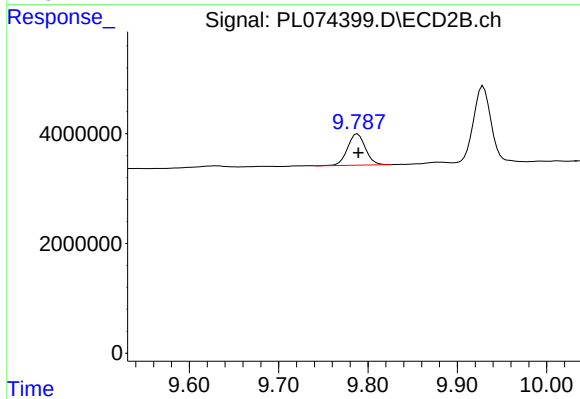
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.002 min
Response: 15420670
Conc: 9.27 ng/ml



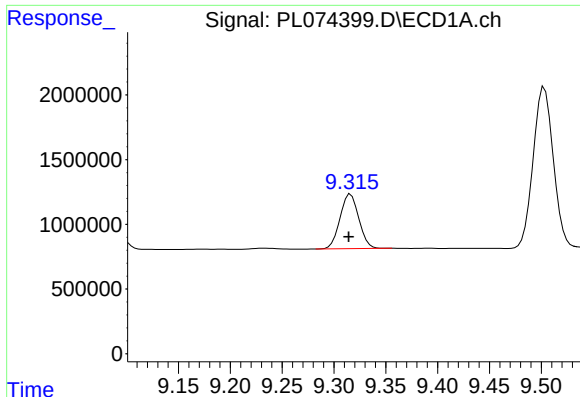
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: 0.003 min
Response: 2126125
Conc: 8.56 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 7928837
Conc: 8.24 ng/ml



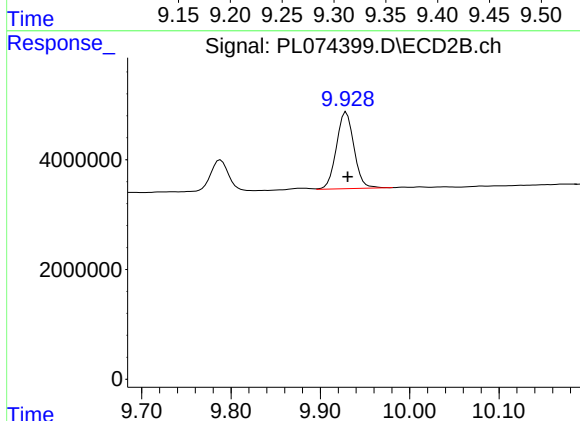
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: 0.002 min
Response: 5316326
Conc: 10.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

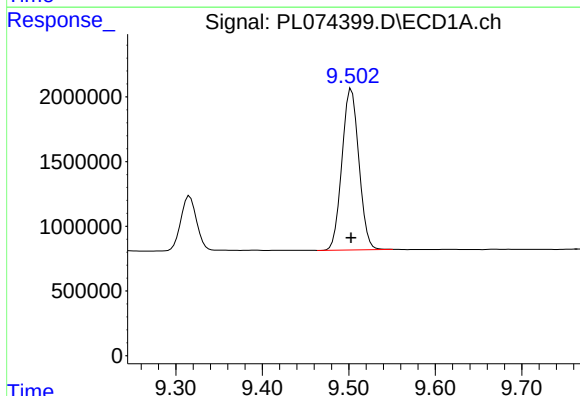
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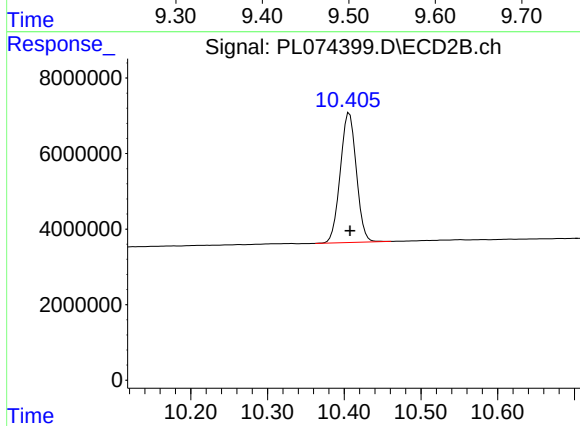
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 19163648
Conc: 11.07 ng/ml



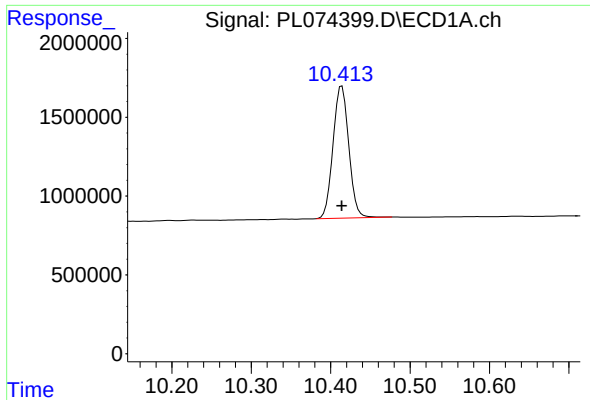
#22 Mirex

R.T.: 9.503 min
Delta R.T.: 0.000 min
Response: 16828236
Conc: 36.08 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 50087130
Conc: 36.36 ng/ml



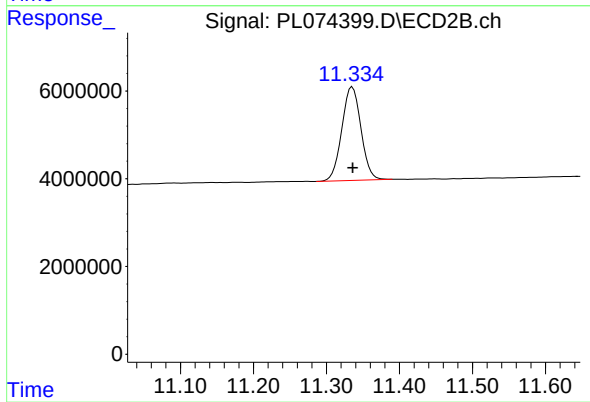
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 11558079
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.000 min
Response: 38811328
Conc: 21.97 ng/ml