

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 14:18
 Operator : AR\AJ
 Sample : N1979-01MS 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT4743

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2022
 Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:52:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.642	5.490	1080224	2780115	3.373	1.694m#
28)	SA Decachlor...	10.416	11.331	1232637	2735215	2.424	1.530 #
Target Compounds							
2)	A alpha-BHC	5.350	6.054	2241591	10976187	5.438	4.879
3)	MA gamma-BHC...	5.772	6.442	4145257	12825736	9.937	6.007m#
4)	MA Heptachlor	6.186	7.103	2706285	13007357	5.998	5.551
5)	MB Aldrin	6.511	7.471	2437008	12283340	5.898	5.863
6)	B beta-BHC	6.154	6.680	1337270	11583215	6.495	11.112 #
7)	B delta-BHC	6.415	6.946	2350447	13512558	5.852	6.275m
8)	B Heptachlo...	7.088	7.925	2582023	17774523	5.991	8.899m#
9)	A Endosulfan I	7.493	8.325	2057369	10322484	5.015	5.655m
10)	B gamma-Chl...	7.364	8.193	2675928	11740942	6.119m	5.749m
11)	B alpha-Chl...	7.435	8.275	3463631	12698391	7.837	6.349m
12)	B 4,4'-DDE	7.649	8.461	2372257	8137730	6.611	4.540m#
13)	MA Dieldrin	7.780	8.610	3799945	10593950	9.121	5.743m#
14)	MA Endrin	8.067	8.844	2476488	7820265	6.383m	5.080m
15)	B Endosulfa...	8.379	9.069	2801214	11883188	7.166m	7.737
16)	A 4,4'-DDD	8.234	8.987	2035760	9882228	6.269m	6.770m
17)	MA 4,4'-DDT	8.497	9.307	2159216	7864748	5.709	4.812
18)	B Endrin al...	8.569	9.201	1787398	6930341	5.652	5.651m
19)	B Endosulfa...	8.799	9.438	2803544	9439825	6.637	5.989m
20)	A Methoxychlor	9.093	9.785	1640419	4298346	6.395	4.770m#
21)	B Endrin ke...	9.316	9.927	3234099	10286243	6.611m	6.232m
22)	Mirex	9.505	10.404	3195980	10204285	6.777m	7.512m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 14:18
 Operator : AR\AJ
 Sample : N1979-01MS 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

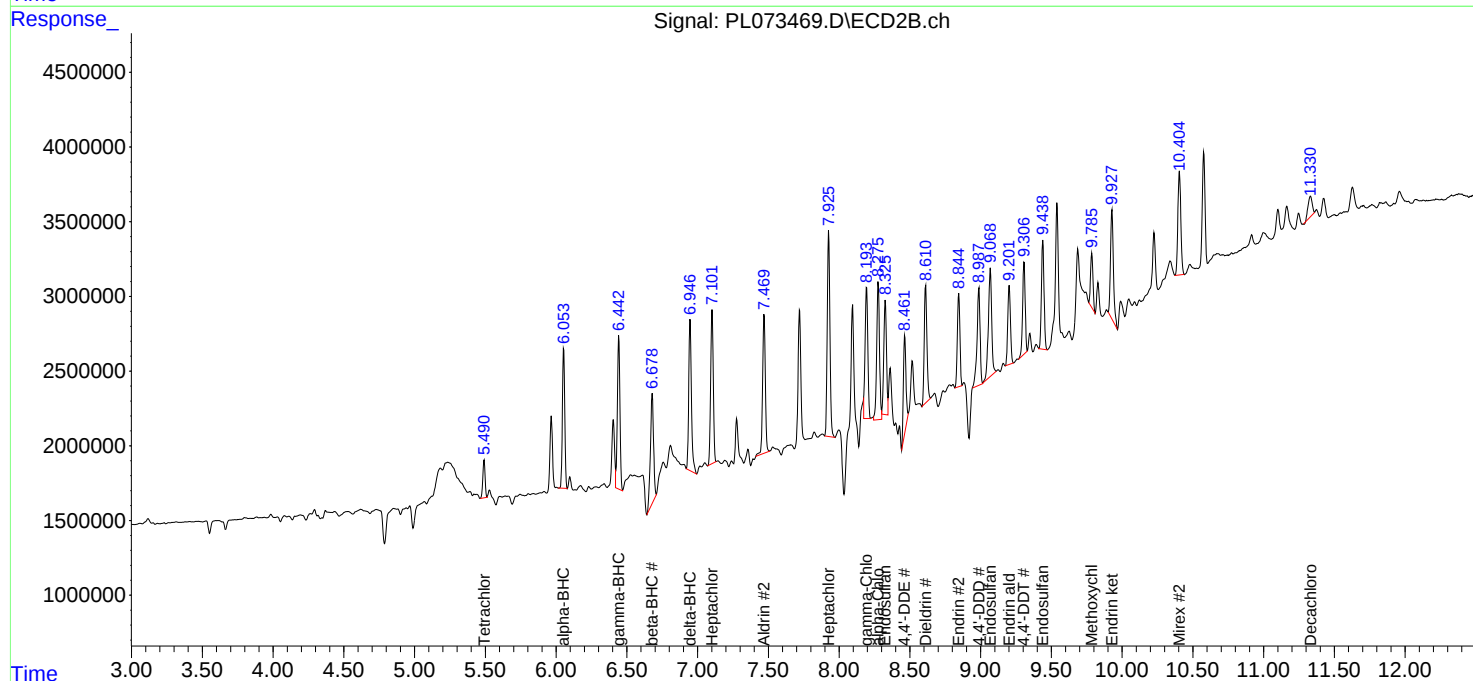
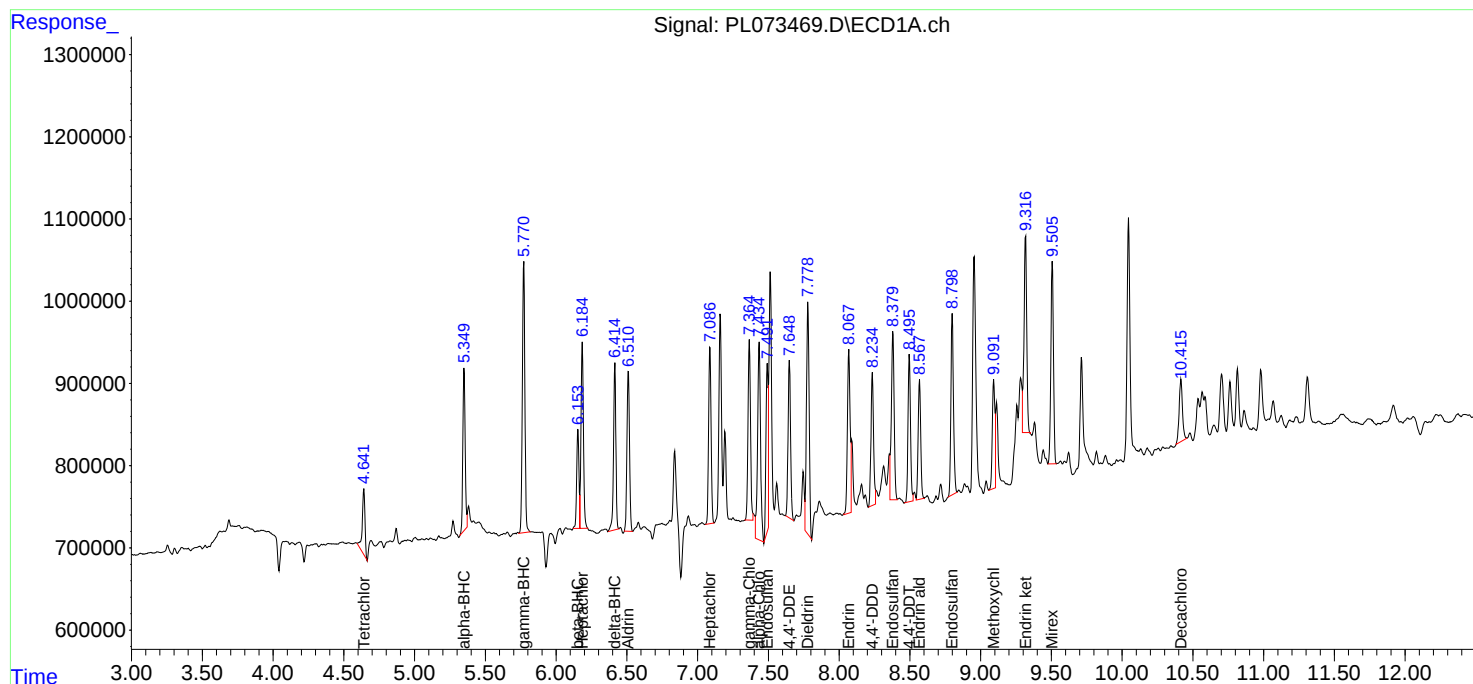
Instrument :
 ECD_L
 ClientSampleId :
 RT4743

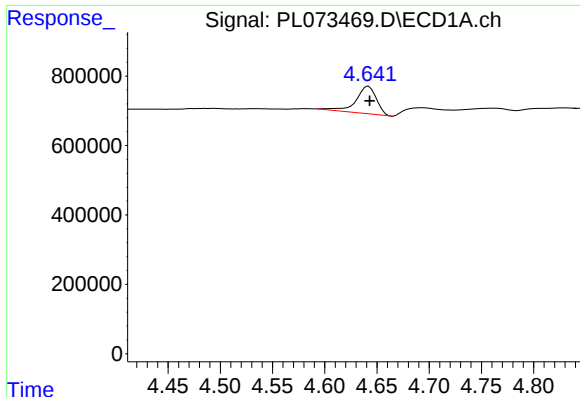
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:52:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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





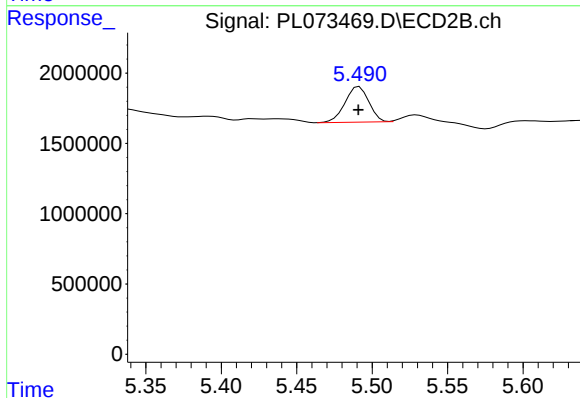
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 1080224
Conc: 3.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

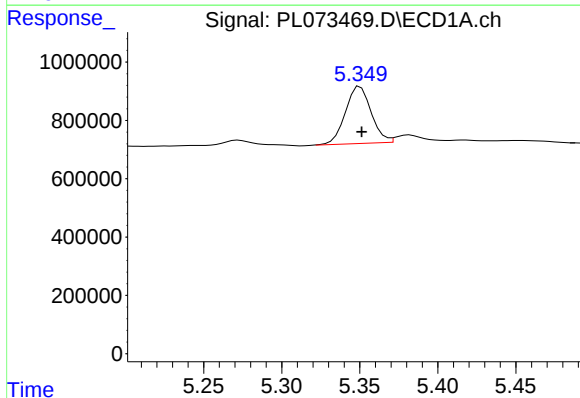
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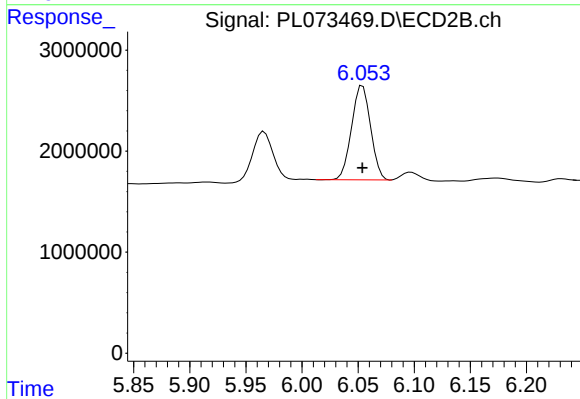
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 2780115
Conc: 1.69 ng/ml m



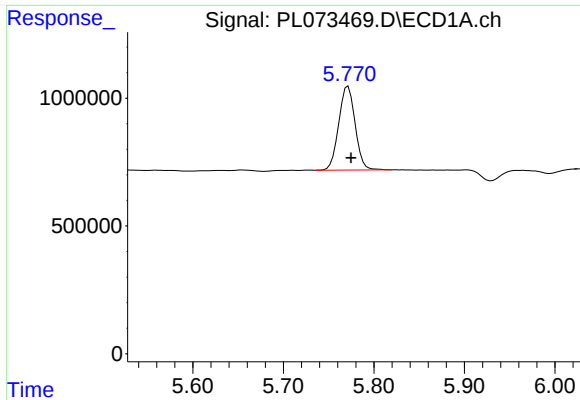
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 2241591
Conc: 5.44 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 10976187
Conc: 4.88 ng/ml



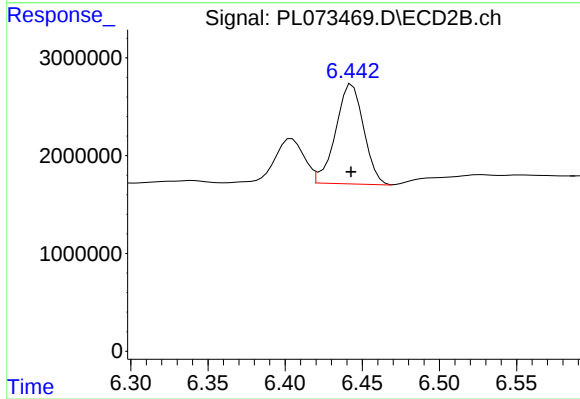
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 4145257
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

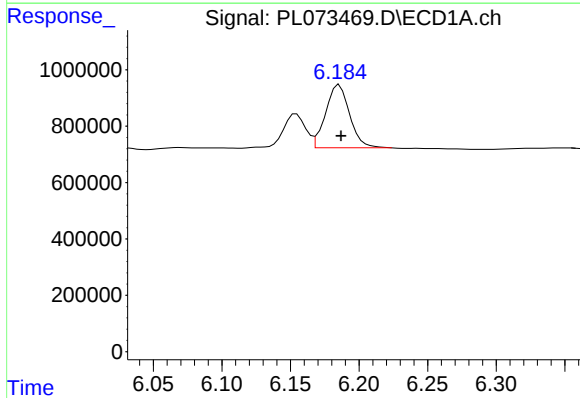
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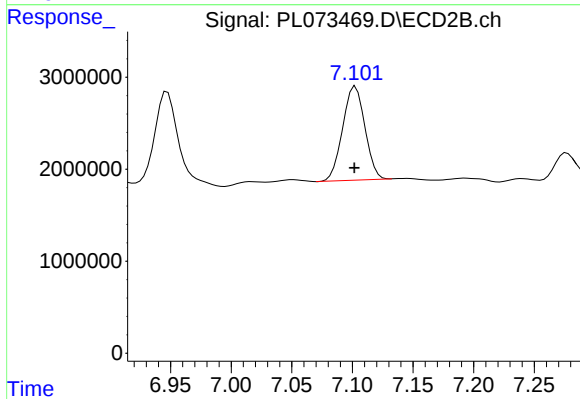
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 12825736
Conc: 6.01 ng/ml m



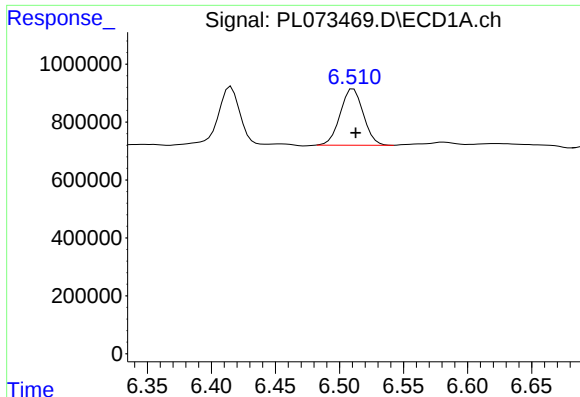
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 2706285
Conc: 6.00 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 13007357
Conc: 5.55 ng/ml



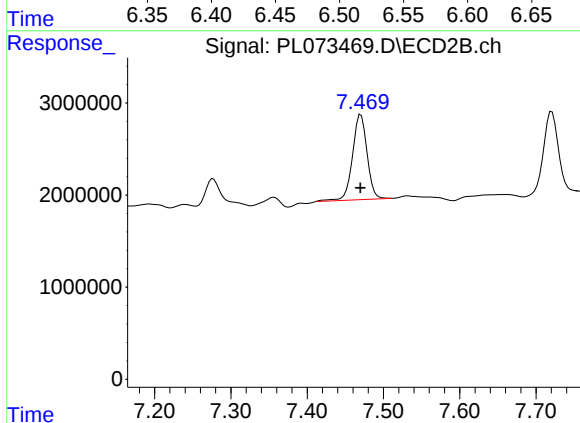
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 2437008
Conc: 5.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

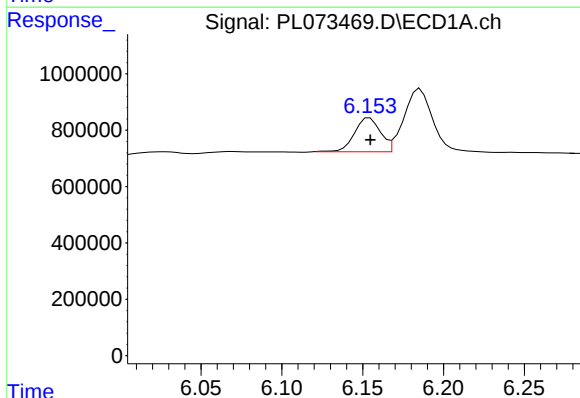
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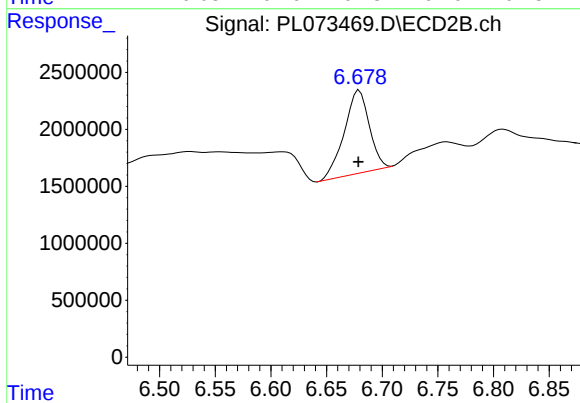
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 12283340
Conc: 5.86 ng/ml



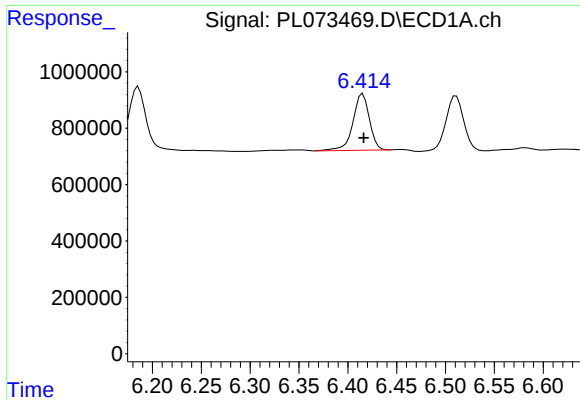
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 1337270
Conc: 6.49 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 11583215
Conc: 11.11 ng/ml



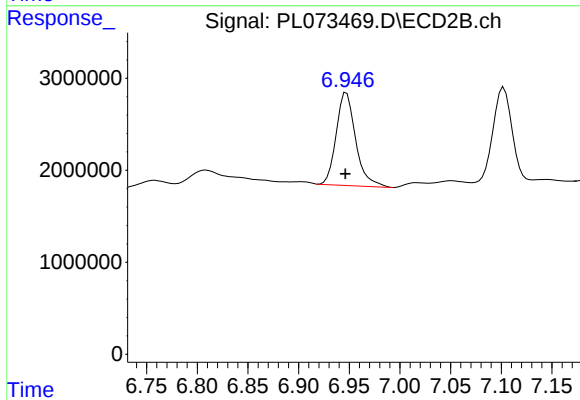
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 2350447
Conc: 5.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

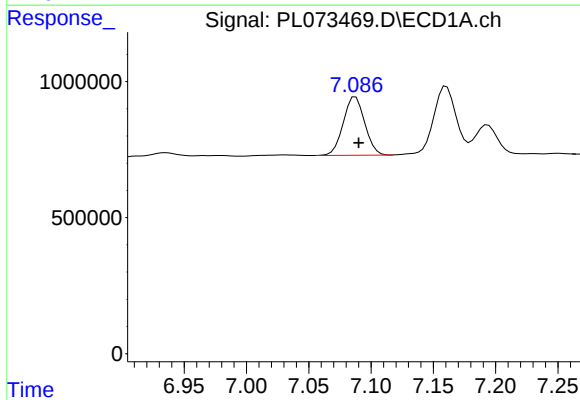
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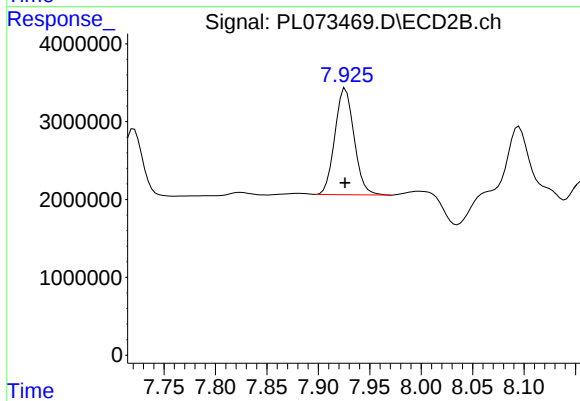
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 13512558
Conc: 6.27 ng/ml m



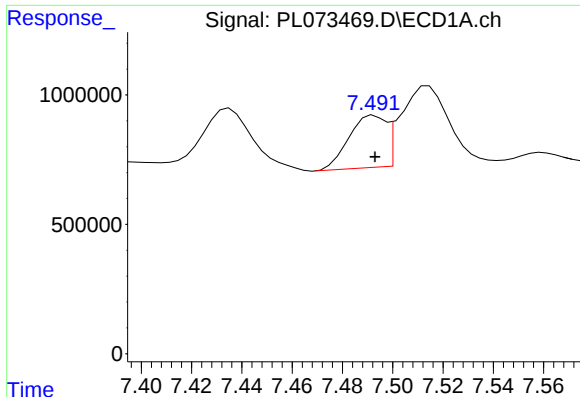
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 2582023
Conc: 5.99 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 17774523
Conc: 8.90 ng/ml m



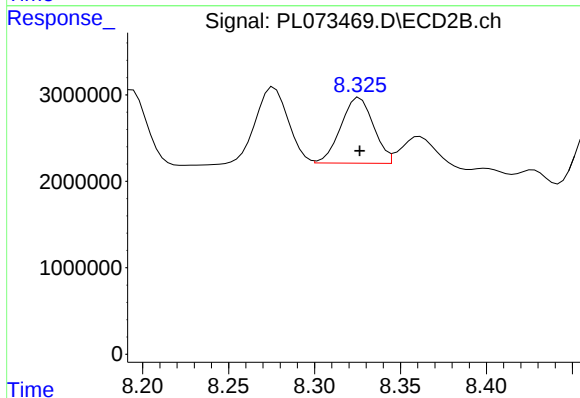
#9 Endosulfan I

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 2057369
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

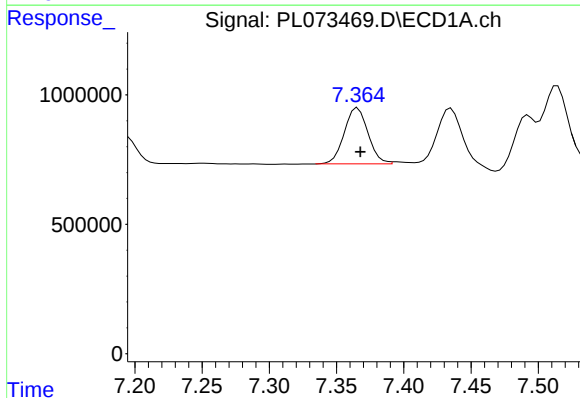
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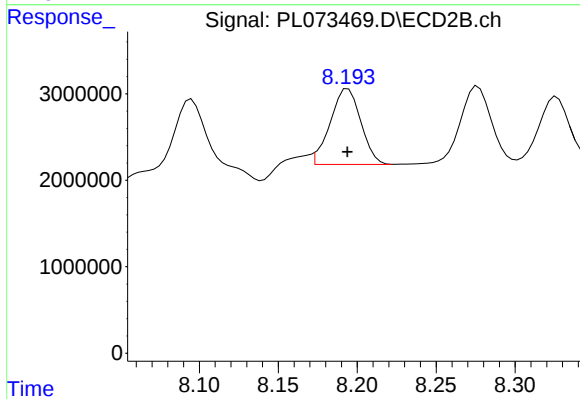
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.001 min
Response: 10322484
Conc: 5.65 ng/ml m



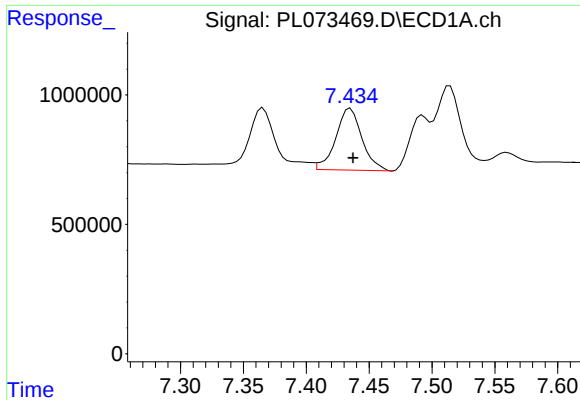
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 2675928
Conc: 6.12 ng/ml m



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 11740942
Conc: 5.75 ng/ml m



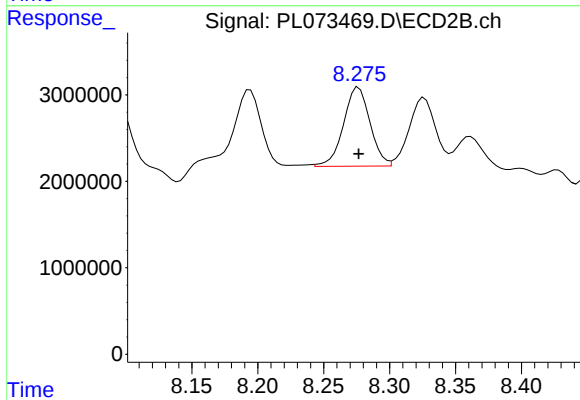
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 3463631
Conc: 7.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

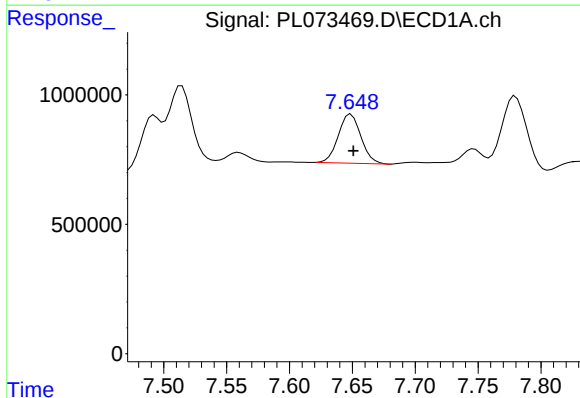
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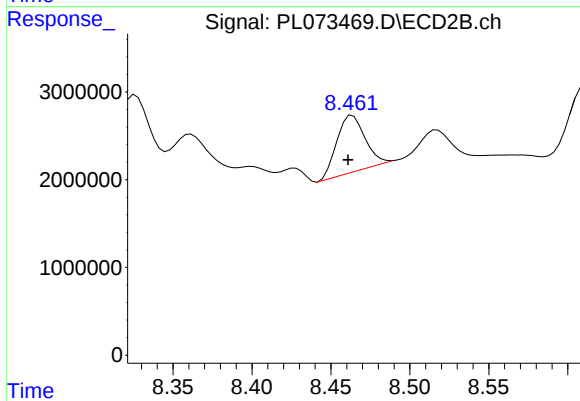
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.002 min
Response: 12698391
Conc: 6.35 ng/ml m



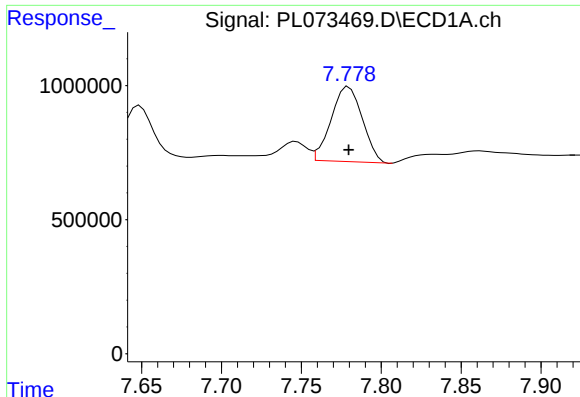
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 2372257
Conc: 6.61 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 8137730
Conc: 4.54 ng/ml m



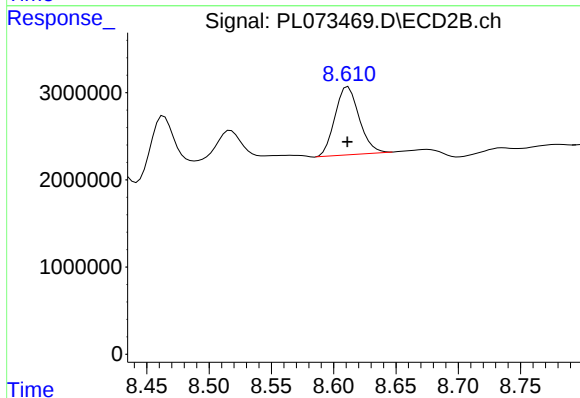
#13 Dieldrin

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 3799945
Conc: 9.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

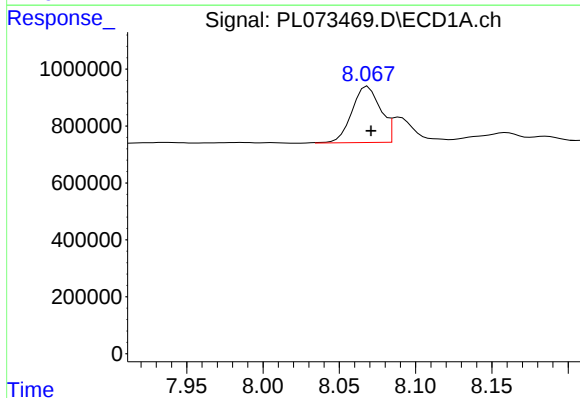
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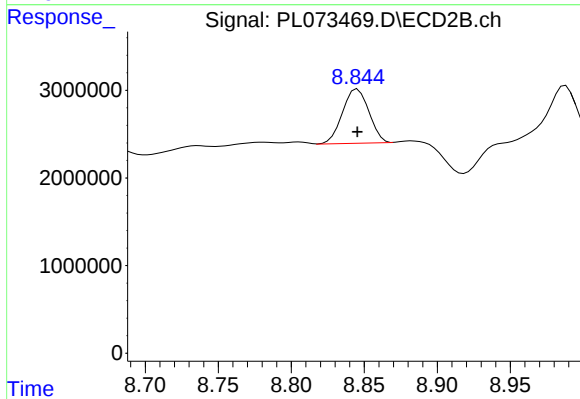
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 10593950
Conc: 5.74 ng/ml m



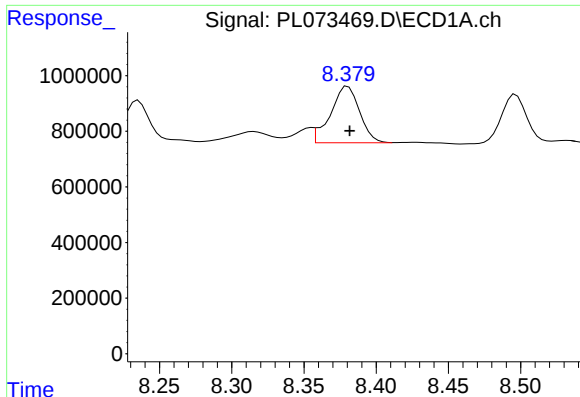
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 2476488
Conc: 6.38 ng/ml m



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.001 min
Response: 7820265
Conc: 5.08 ng/ml m



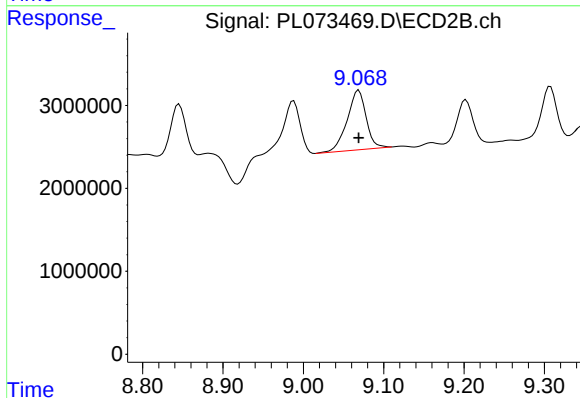
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 2801214
Conc: 7.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

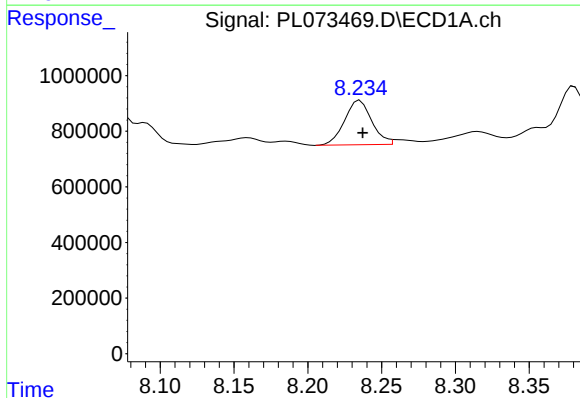
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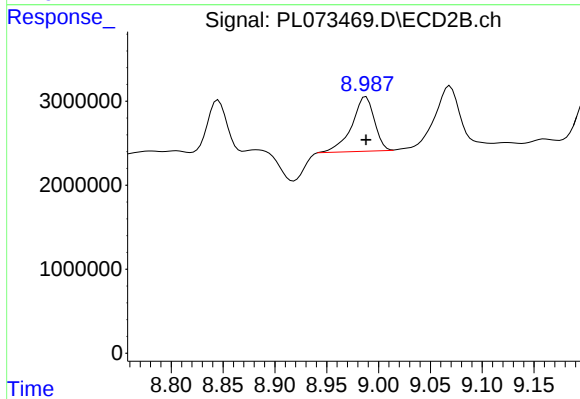
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 11883188
Conc: 7.74 ng/ml



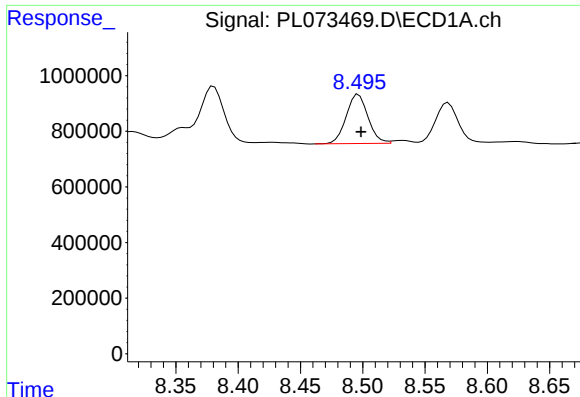
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 2035760
Conc: 6.27 ng/ml m



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.001 min
Response: 9882228
Conc: 6.77 ng/ml m



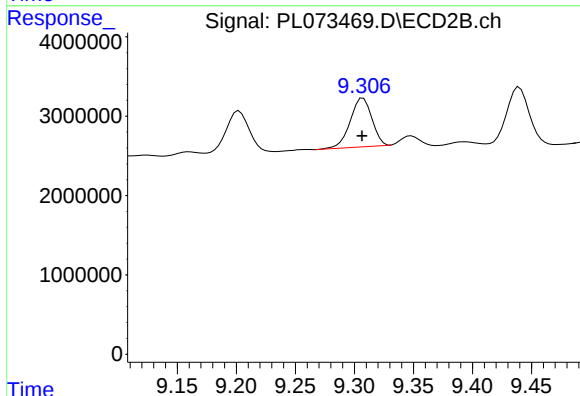
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 2159216
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

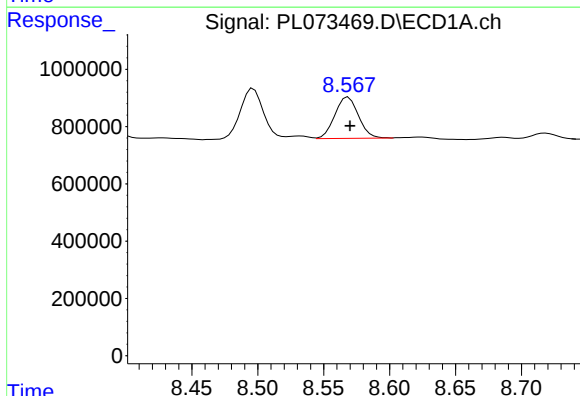
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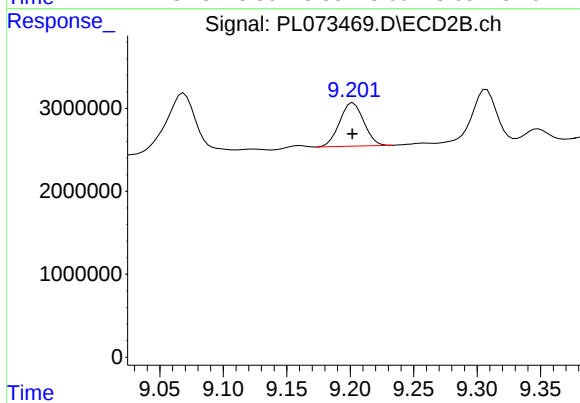
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 7864748
Conc: 4.81 ng/ml



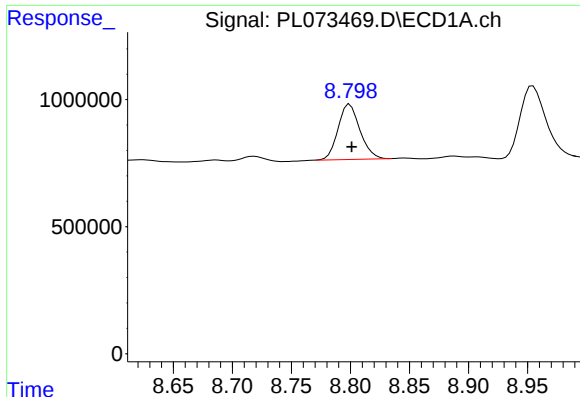
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: -0.001 min
Response: 1787398
Conc: 5.65 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 6930341
Conc: 5.65 ng/ml m



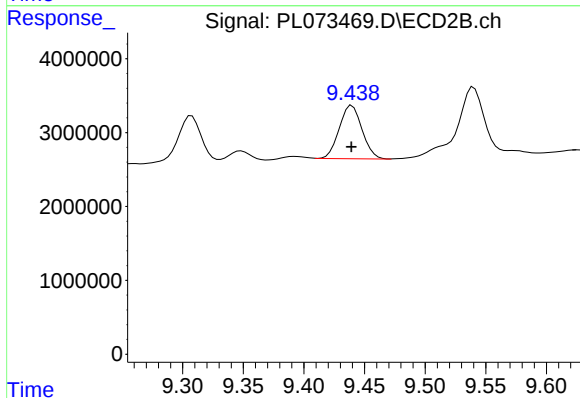
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 2803544
Conc: 6.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

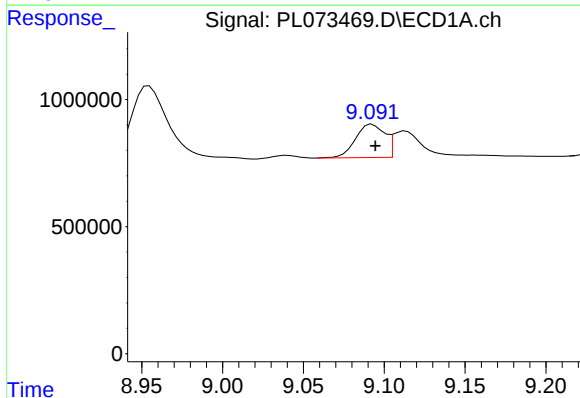
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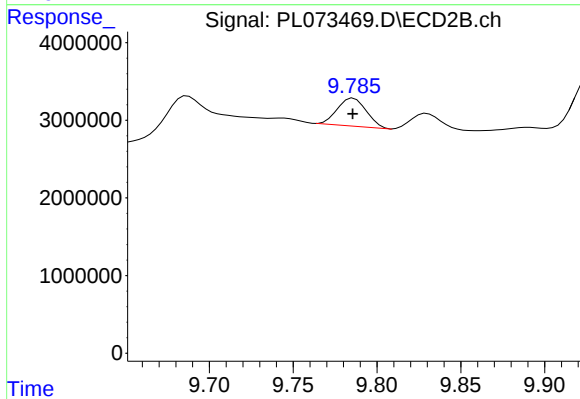
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: 0.000 min
Response: 9439825
Conc: 5.99 ng/ml m



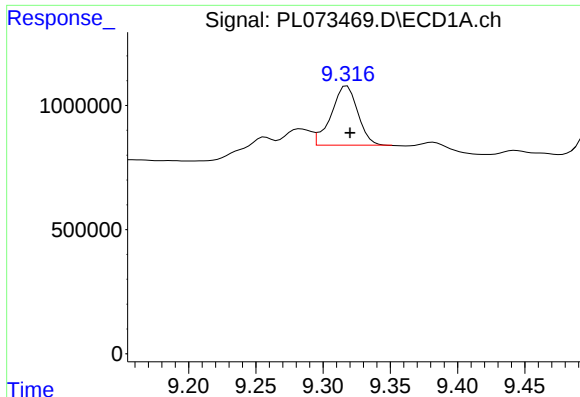
#20 Methoxychlor

R.T.: 9.093 min
Delta R.T.: -0.002 min
Response: 1640419
Conc: 6.39 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 4298346
Conc: 4.77 ng/ml m



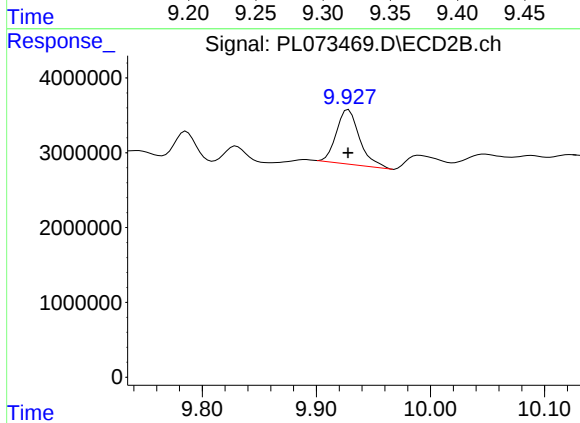
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 3234099
Conc: 6.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

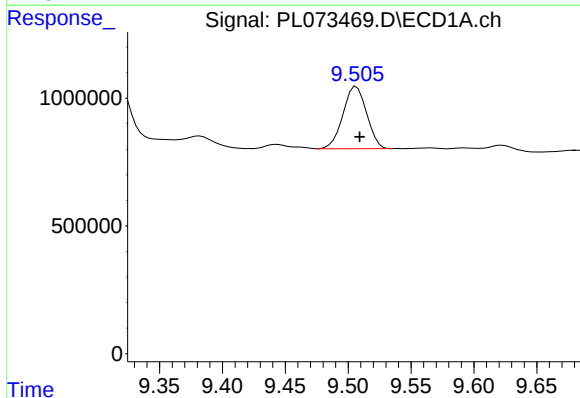
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APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



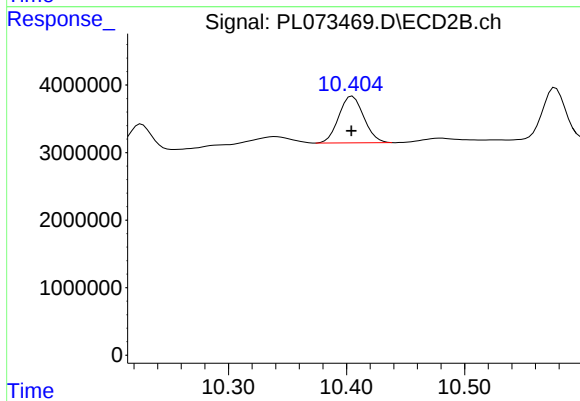
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 10286243
Conc: 6.23 ng/ml m



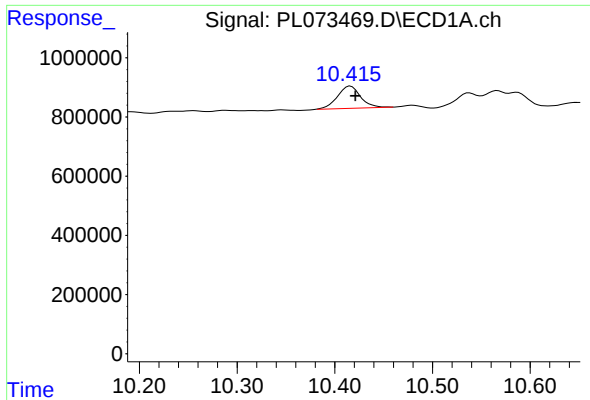
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.004 min
Response: 3195980
Conc: 6.78 ng/ml m



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 10204285
Conc: 7.51 ng/ml m



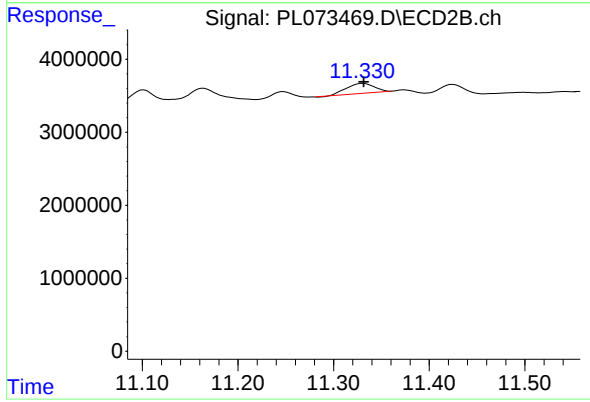
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 1232637
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT4743

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 2735215
Conc: 1.53 ng/ml