

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074104.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 13:26
 Operator : AR\AJ
 Sample : N2349-15MS 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DEL-8MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/17/2022
 Supervised By :mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 17:55:09 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...	4.636	5.490	433649	1504109	1.342m	0.844 #
28)	SA Decachlor...	10.405	11.267f	3729343	78318745	7.171m	44.341m#
Target Compounds							
2)	A alpha-BHC	5.346	6.053	1975962	8248945	4.708	3.276 #
3)	MA gamma-BHC...	5.769	6.443	1833944	8233215	4.373	3.478
4)	MA Heptachlor	6.181	7.102	1831348	8687041	4.066	3.330
5)	MB Aldrin	6.502	7.468	7074832	8292074	17.046	3.531m#
6)	B beta-BHC	6.150	6.679	667347	5394919	3.266	4.787 #
7)	B delta-BHC	6.411	6.948	1416699	9703911	3.425m	3.973
8)	B Heptachlo...	7.081	7.924	1862272	81045343	4.342m	35.995m#
9)	A Endosulfan I	7.487	8.322	1415316	9282616	3.451	4.715 #
10)	B gamma-Chl...	7.345f	8.168f	25275261	145.0E6	57.629	64.992m
11)	B alpha-Chl...	7.422	8.279	6507583	7165162	14.731	3.329 #
12)	B 4,4'-DDE	7.645	8.457	2271958	79657789	6.228	39.995 #
13)	MA Dieldrin	7.782	8.613	41751925	22025118	97.194	10.984m#
14)	MA Endrin	8.083f	8.849	9748886	179.3E6	23.998m	105.851m#
15)	B Endosulfa...	8.368	9.071	23985916	7732771	58.196	4.451 #
16)	A 4,4'-DDD	8.230	9.000	1918356	104.6E6	5.941	68.011m#
17)	MA 4,4'-DDT	8.483	9.312	44806759	37299323	121.218m	21.041m#
18)	B Endrin al...	8.546f	9.214	4055588	28518474	12.535m	22.080m#
19)	B Endosulfa...	8.796	9.423f	1148583	4470974	2.690	2.686m
20)	A Methoxychlor	9.074	9.793	3721227	352017	14.989m	0.366m#
21)	B Endrin ke...	9.313	9.903f	1093429	123.4E6	2.238	71.265m#
22)	Mirex	9.501	10.394	2736115	36567590	5.866	26.548m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
Data File : PL074104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2022 13:26
Operator : AR\AJ
Sample : N2349-15MS 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

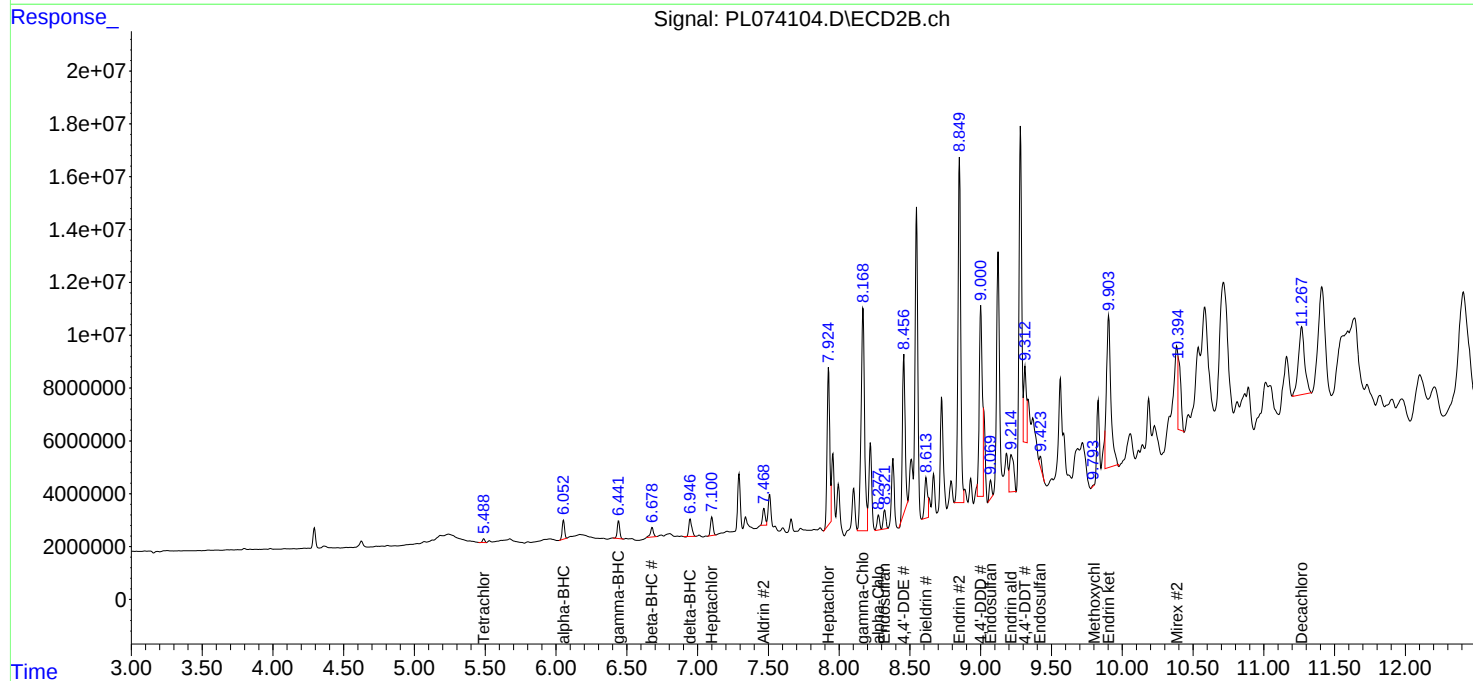
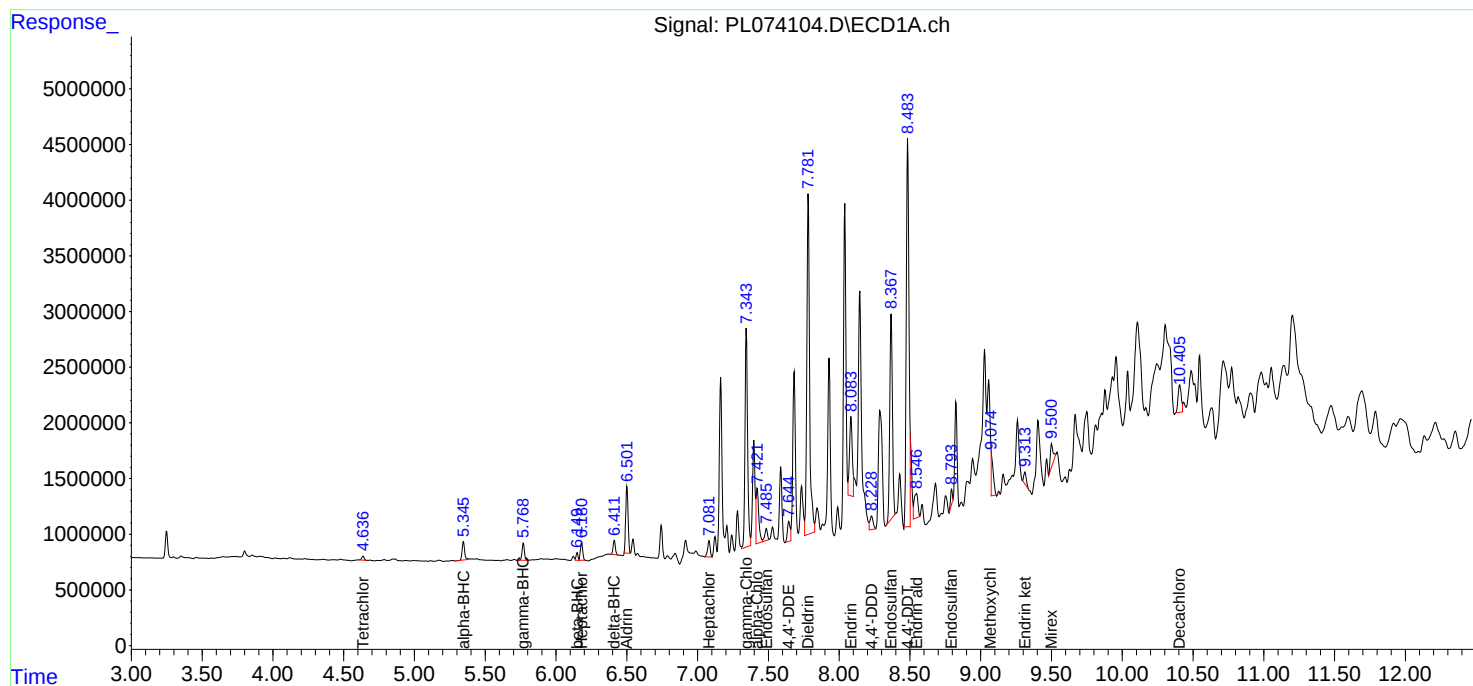
Instrument :
ECD_L
ClientSampleId :
DEL-8MS

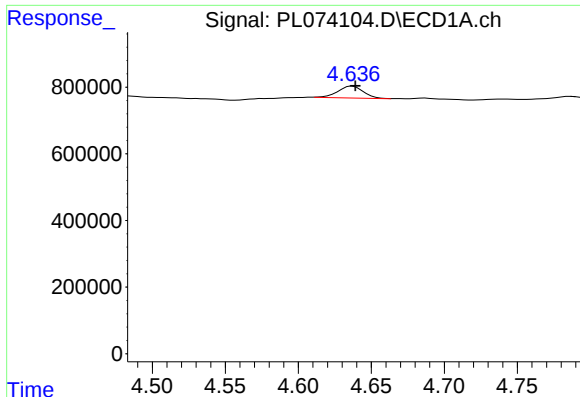
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 17:55:09 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





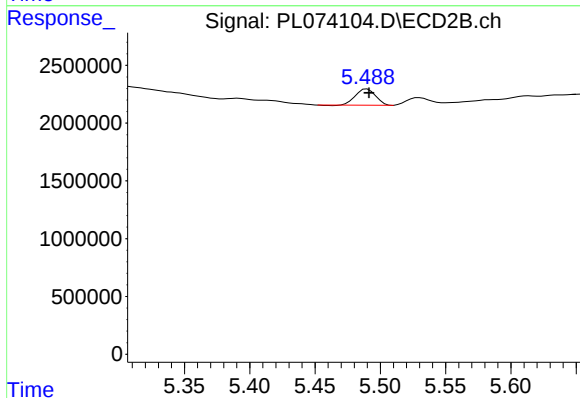
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 433649
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

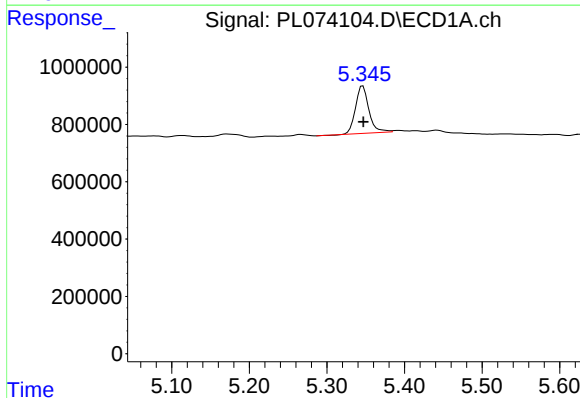
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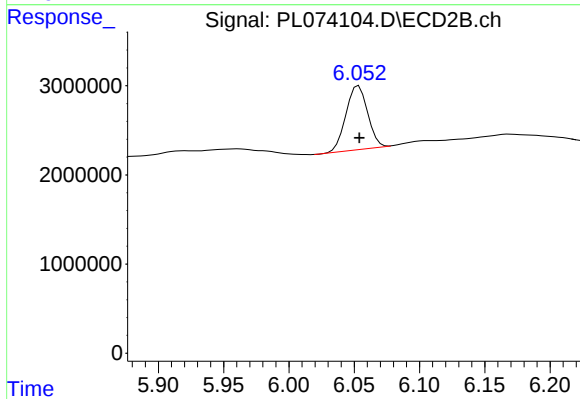
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 1504109
Conc: 0.84 ng/ml



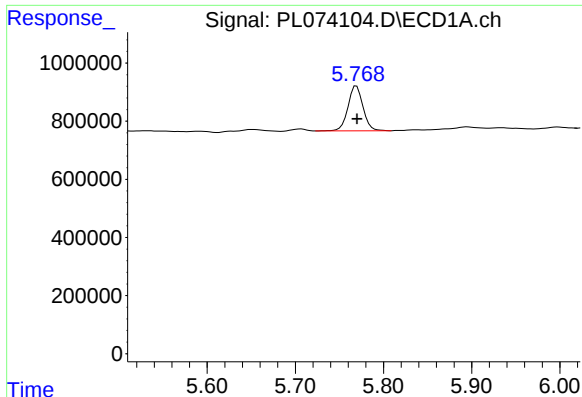
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 1975962
Conc: 4.71 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 8248945
Conc: 3.28 ng/ml



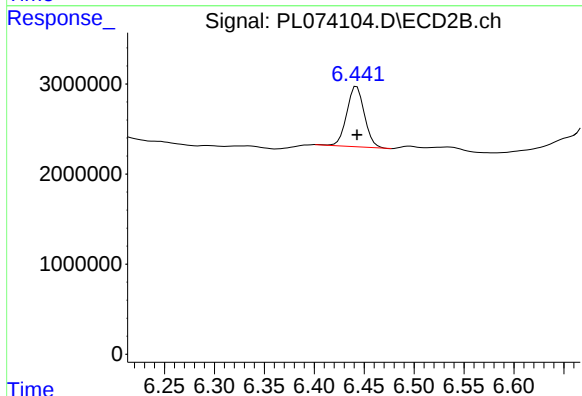
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 1833944
Conc: 4.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

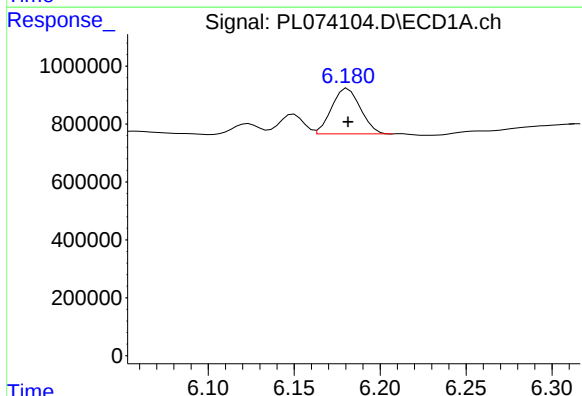
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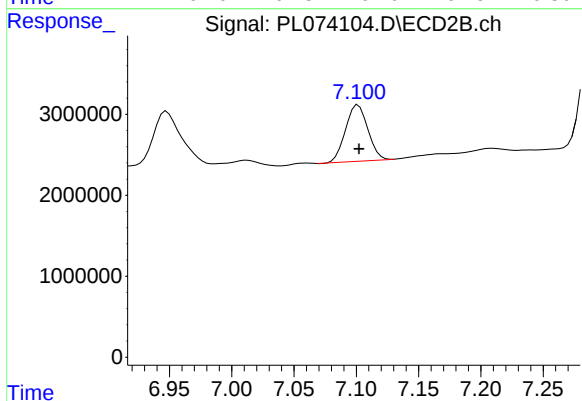
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 8233215
Conc: 3.48 ng/ml



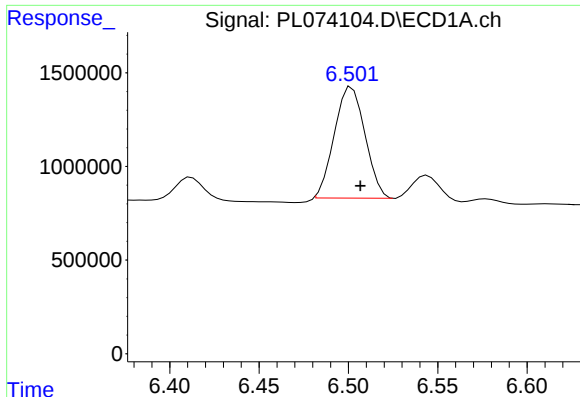
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1831348
Conc: 4.07 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 8687041
Conc: 3.33 ng/ml



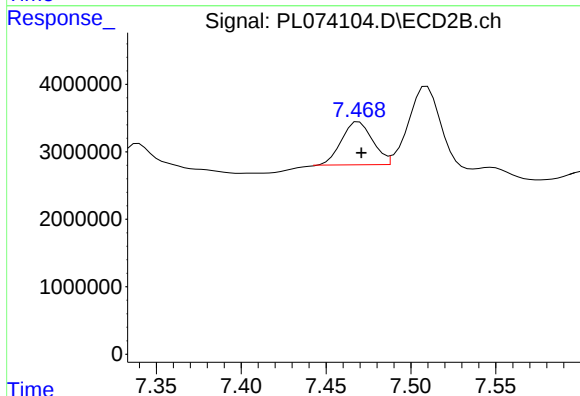
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 7074832
Conc: 17.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

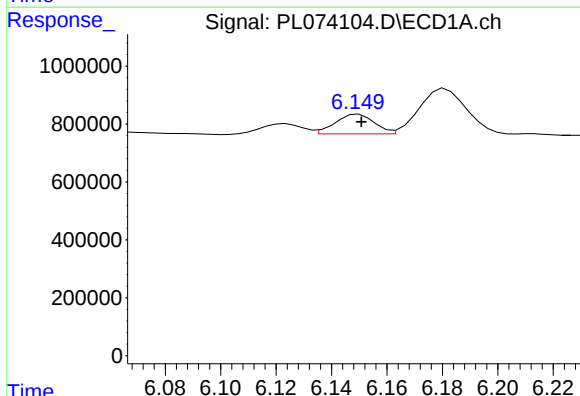
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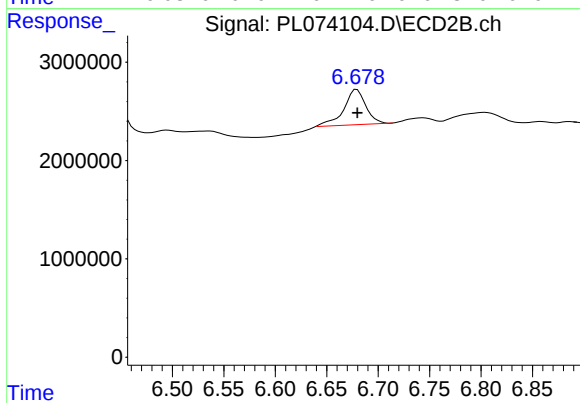
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 8292074
Conc: 3.53 ng/ml m



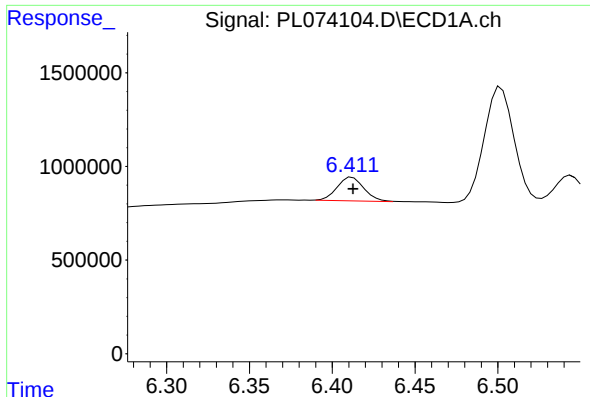
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 667347
Conc: 3.27 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 5394919
Conc: 4.79 ng/ml



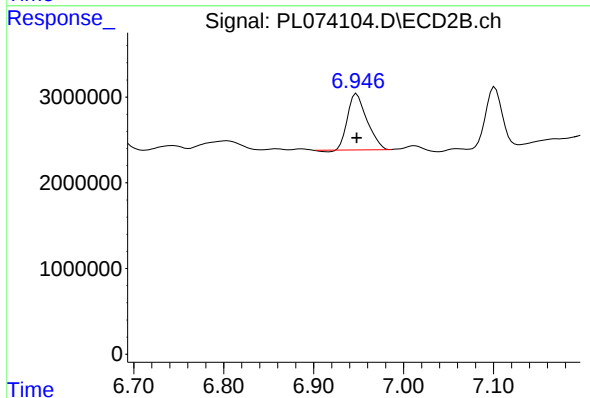
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 1416699
Conc: 3.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

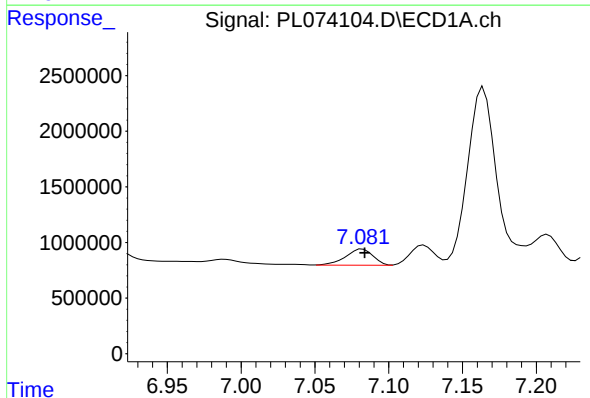
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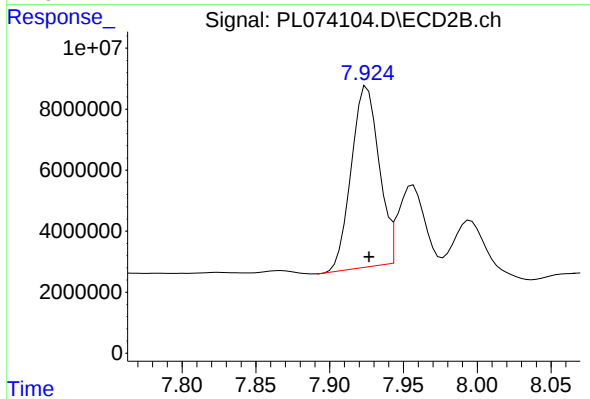
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 9703911
Conc: 3.97 ng/ml



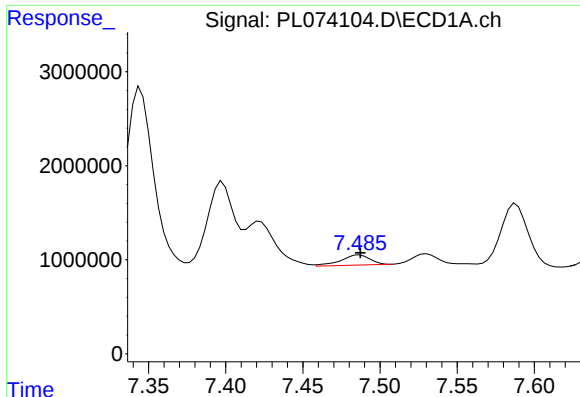
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 1862272
Conc: 4.34 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 81045343
Conc: 36.00 ng/ml m



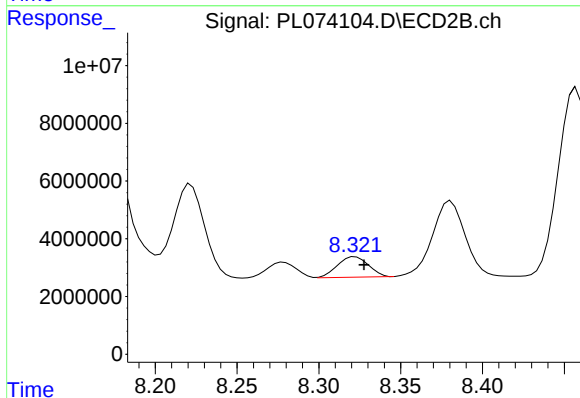
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 1415316
Conc: 3.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

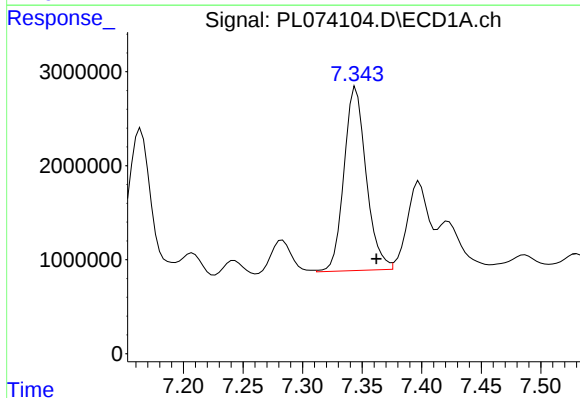
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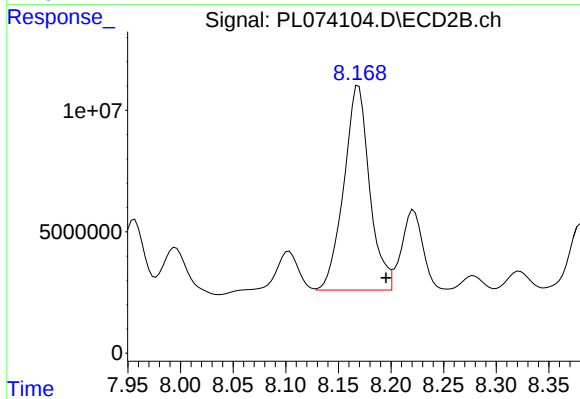
#9 Endosulfan I

R.T.: 8.322 min
Delta R.T.: -0.005 min
Response: 9282616
Conc: 4.72 ng/ml



#10 gamma-Chlordane

R.T.: 7.345 min
Delta R.T.: -0.017 min
Response: 25275261
Conc: 57.63 ng/ml



#10 gamma-Chlordane

R.T.: 8.168 min
Delta R.T.: -0.028 min
Response: 144956167
Conc: 64.99 ng/ml m

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      R.T.:      8.279 min
Delta R.T.:      0.000 min
  Response:    7165162
      Conc:     3.33 ng/ml

```

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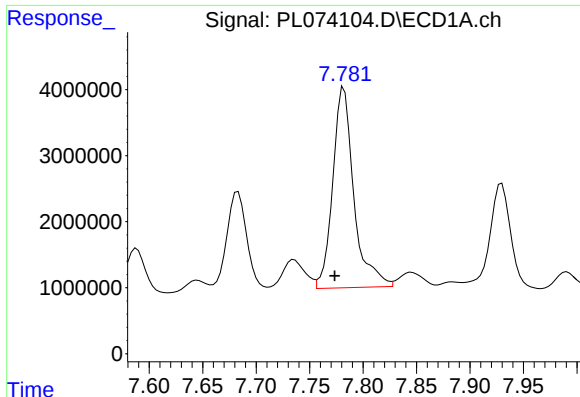
      R.T.:      7.645 min
Delta R.T.:      0.000 min
Response:      2271958
Conc:      6.23 ng/ml

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      R.T.:      8.457 min
Delta R.T.:    -0.005 min
Response:    79657789
Conc:       39.99 ng/ml

```



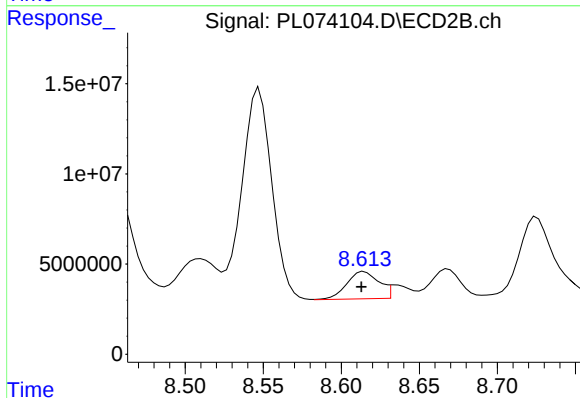
#13 Dieldrin

R.T.: 7.782 min
Delta R.T.: 0.009 min
Response: 41751925
Conc: 97.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

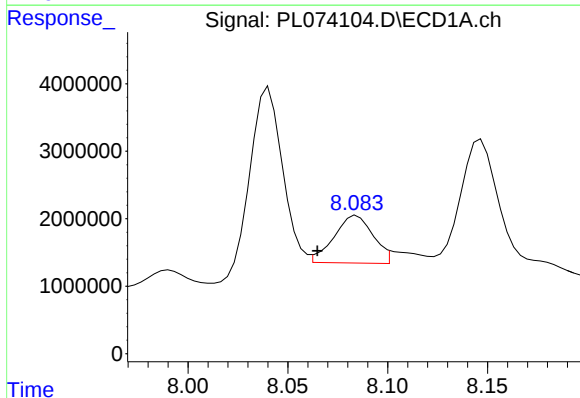
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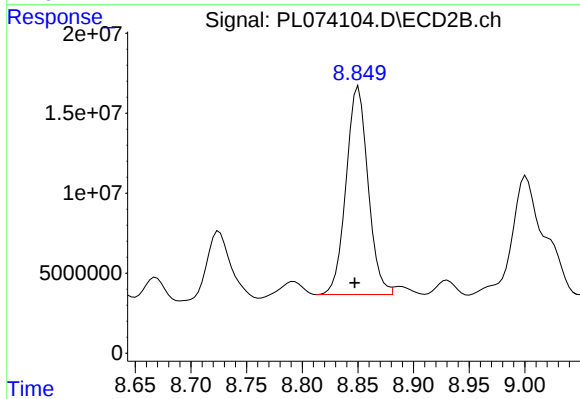
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 22025118
Conc: 10.98 ng/ml m



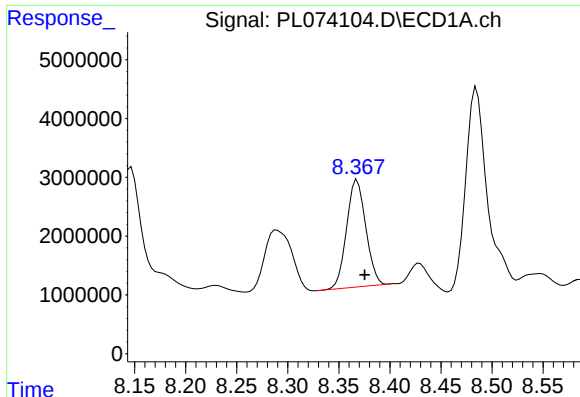
#14 Endrin

R.T.: 8.083 min
Delta R.T.: 0.018 min
Response: 9748886
Conc: 24.00 ng/ml m



#14 Endrin

R.T.: 8.849 min
Delta R.T.: 0.002 min
Response: 179275787
Conc: 105.85 ng/ml m



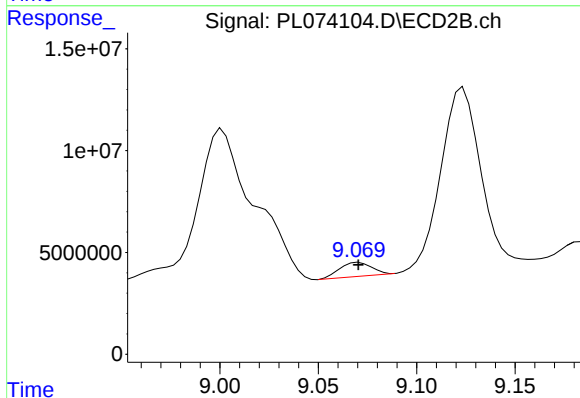
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 23985916
Conc: 58.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

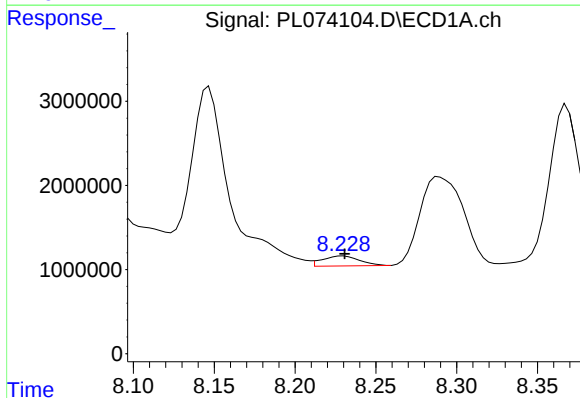
Manual Integrations
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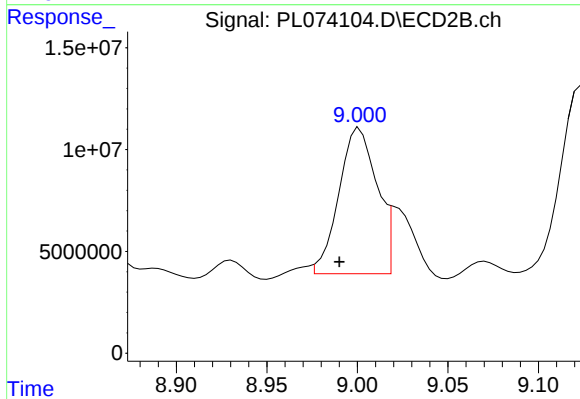
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 7732771
Conc: 4.45 ng/ml



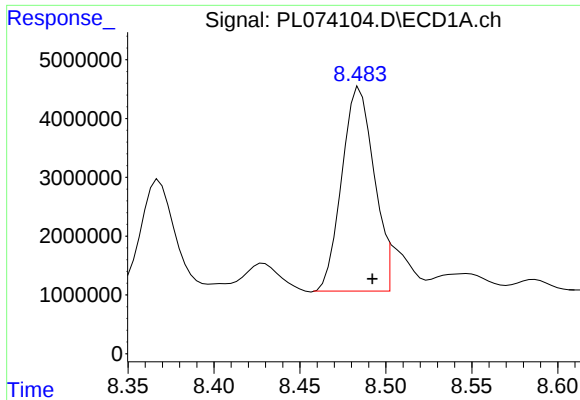
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 1918356
Conc: 5.94 ng/ml



#16 4,4'-DDD

R.T.: 9.000 min
Delta R.T.: 0.010 min
Response: 104641803
Conc: 68.01 ng/ml m



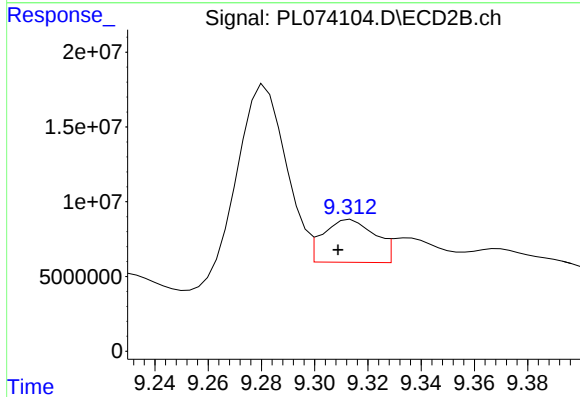
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 44806759
Conc: 121.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

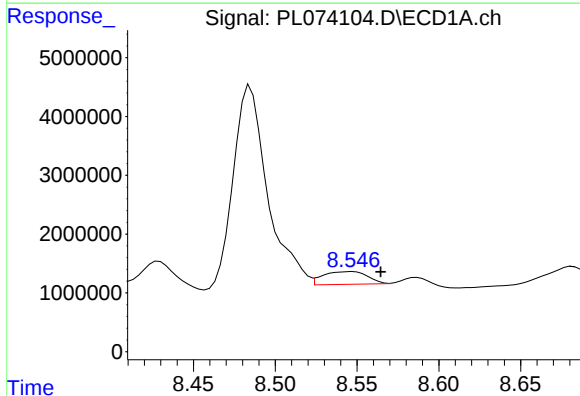
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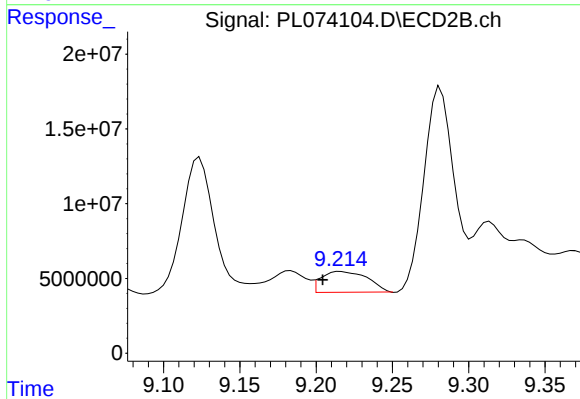
#17 4,4'-DDT

R.T.: 9.312 min
Delta R.T.: 0.003 min
Response: 37299323
Conc: 21.04 ng/ml m



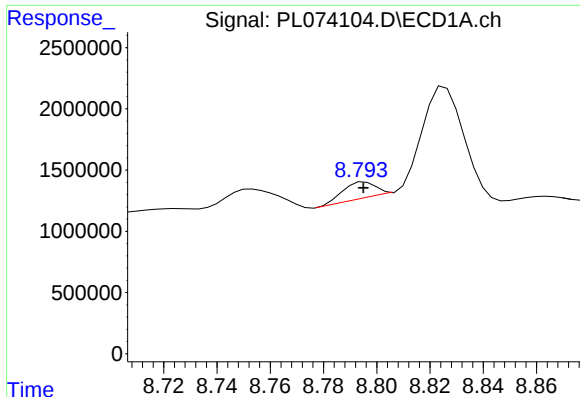
#18 Endrin aldehyde

R.T.: 8.546 min
Delta R.T.: -0.018 min
Response: 4055588
Conc: 12.53 ng/ml m



#18 Endrin aldehyde

R.T.: 9.214 min
Delta R.T.: 0.010 min
Response: 28518474
Conc: 22.08 ng/ml m



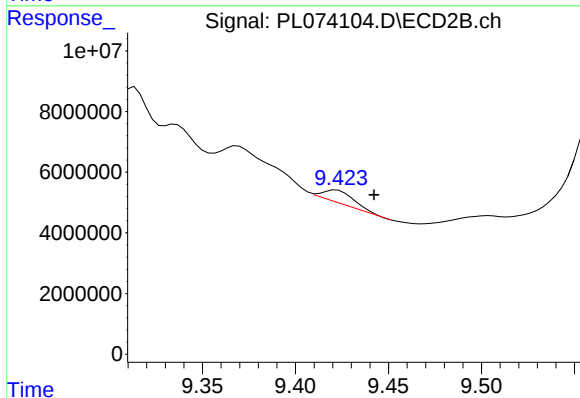
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 1148583
Conc: 2.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

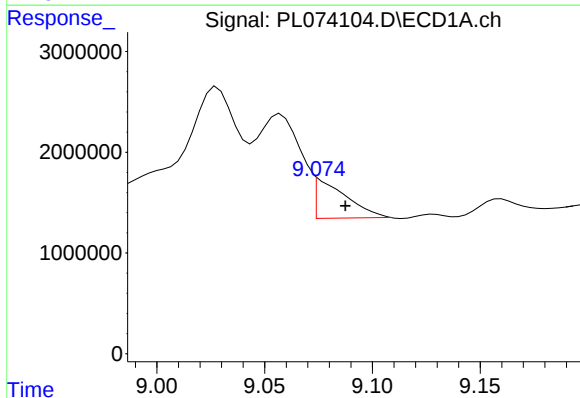
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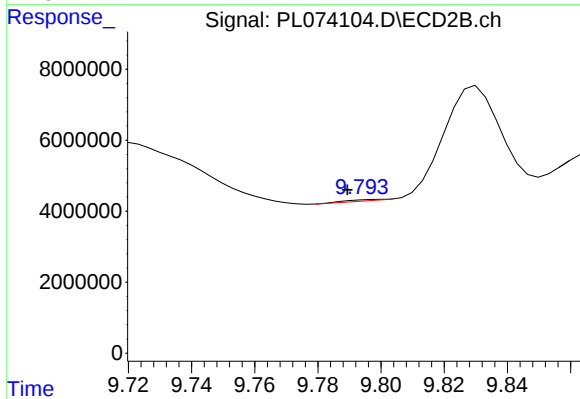
#19 Endosulfan Sulfate

R.T.: 9.423 min
Delta R.T.: -0.019 min
Response: 4470974
Conc: 2.69 ng/ml m



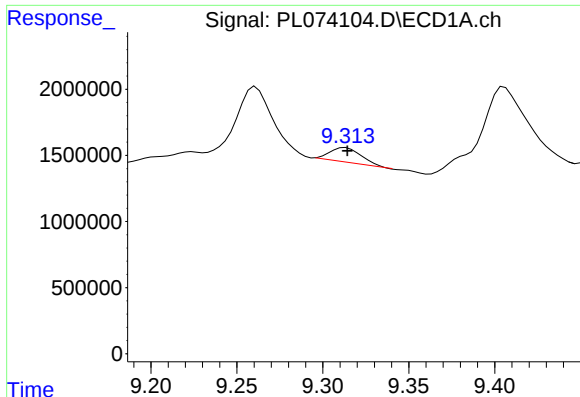
#20 Methoxychlor

R.T.: 9.074 min
Delta R.T.: -0.013 min
Response: 3721227
Conc: 14.99 ng/ml m



#20 Methoxychlor

R.T.: 9.793 min
Delta R.T.: 0.004 min
Response: 352017
Conc: 0.37 ng/ml m



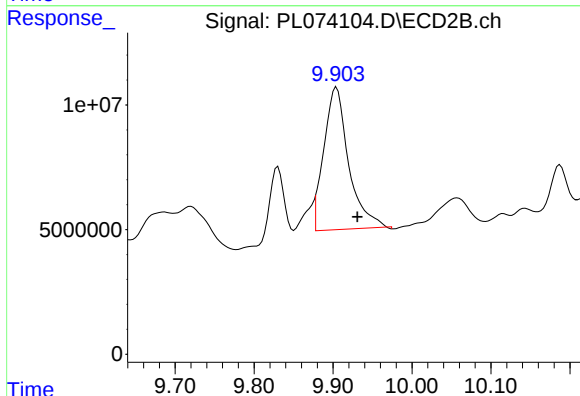
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.001 min
Response: 1093429
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

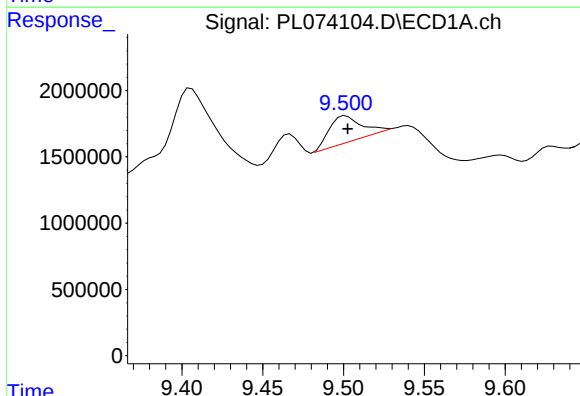
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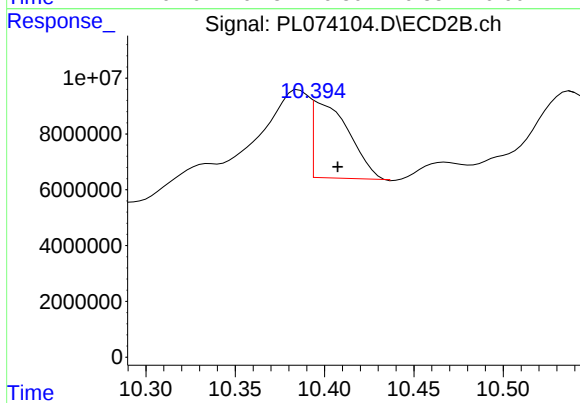
#21 Endrin ketone

R.T.: 9.903 min
Delta R.T.: -0.028 min
Response: 123355969
Conc: 71.27 ng/ml m



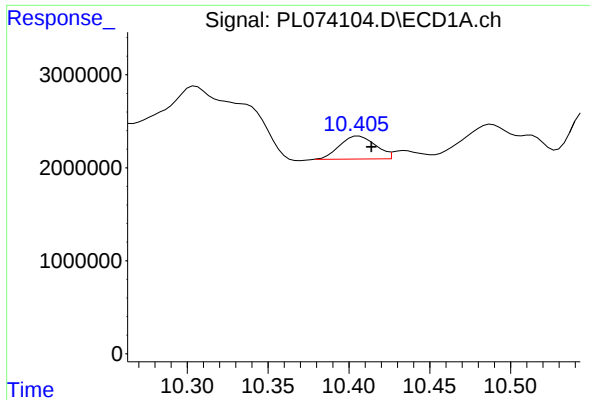
#22 Mirex

R.T.: 9.501 min
Delta R.T.: -0.001 min
Response: 2736115
Conc: 5.87 ng/ml



#22 Mirex

R.T.: 10.394 min
Delta R.T.: -0.014 min
Response: 36567590
Conc: 26.55 ng/ml m



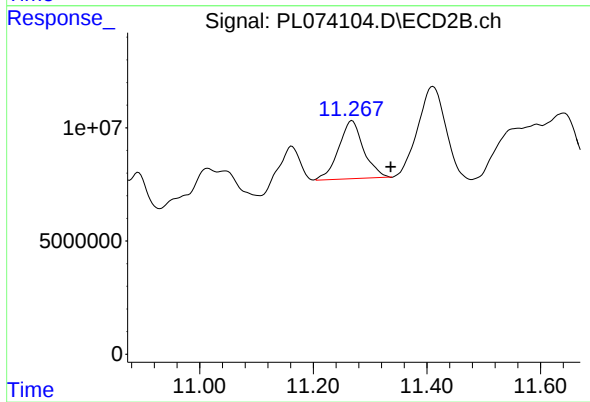
#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 3729343
Conc: 7.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-8MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



#28 Decachlorobiphenyl

R.T.: 11.267 min
Delta R.T.: -0.069 min
Response: 78318745
Conc: 44.34 ng/ml m