

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 23:15
 Operator : AR\AJ
 Sample : N2349-13MSD 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DEL-7

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/15/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 02:19:43 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...	4.635	5.490	442266	1509108	1.369m	0.846 #
28) SA Decachlor...	10.404	11.405f	3158091	18363380	6.073	10.397m#
Target Compounds						
2) A alpha-BHC	5.345	6.053	1999973	7936477	4.766	3.152 #
3) MA gamma-BHC...	5.769	6.443	1879342	7157704	4.481	3.024 #
4) MA Heptachlor	6.180	7.101	1731806	7341085	3.845	2.814 #
5) MB Aldrin	6.501	7.470	8004511	5918248	19.286	2.520 #
6) B beta-BHC	6.148	6.681	430435	4204859	2.107m	3.731 #
7) B delta-BHC	6.411	6.948	1730468	10219133	4.183	4.184m
8) B Heptachlo...	7.081	7.924	1848714	71831158	4.310	31.903m#
9) A Endosulfan I	7.486	8.322	1820946	9799996	4.440	4.978
10) B gamma-Chl...	7.344f	8.170f	25362993	138.5E6	57.829	62.081
11) B alpha-Chl...	7.421	8.278	7325244	10566601	16.581	4.909 #
12) B 4,4'-DDE	7.642	8.457	1547404	74228164	4.242m	37.269 #
13) MA Dieldrin	7.779	8.613	39619232	18502909	92.230m	9.227m#
14) MA Endrin	8.080f	8.849	6675814	170.9E6	16.433m	100.916m#
15) B Endosulfa...	8.367	9.070	23956890	7873014	58.125	4.532 #
16) A 4,4'-DDD	8.227	9.000	998985	106.7E6	3.094m	69.359m#
17) MA 4,4'-DDT	8.484	9.311	53355964	63236028	144.346	35.673m#
18) B Endrin al...	8.545f	9.214	5622216	11421510	17.376	8.843m#
19) B Endosulfa...	8.793	9.426f	2722955	6126174	6.377m	3.681m#
20) A Methoxychlor	9.075	9.723f	1563241	11919238	6.297m	12.392m#
21) B Endrin ke...	9.312	9.903f	2024924	49825158	4.145m	28.785m#
22) Mirex	9.497	10.408	2522127	13645918	5.408m	9.907 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
Data File : PL074079.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2022 23:15
Operator : AR\AJ
Sample : N2349-13MSD 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

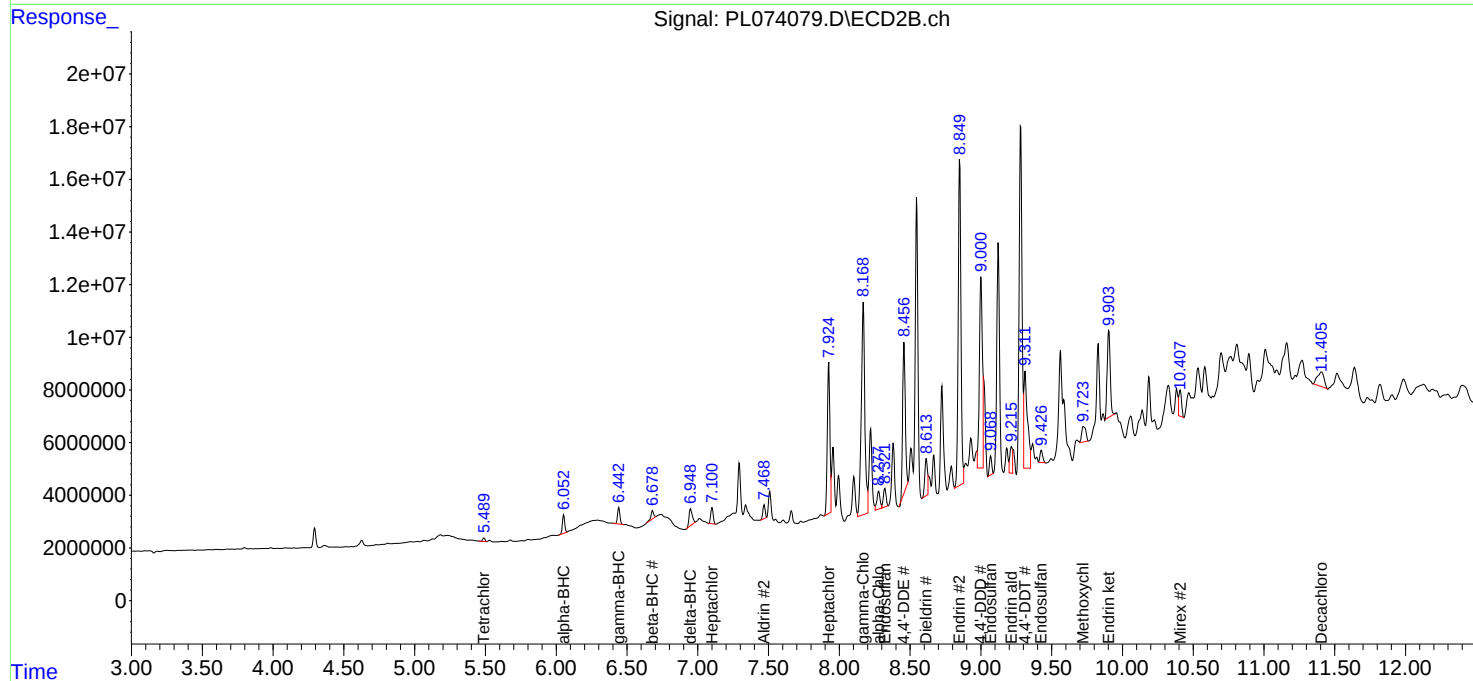
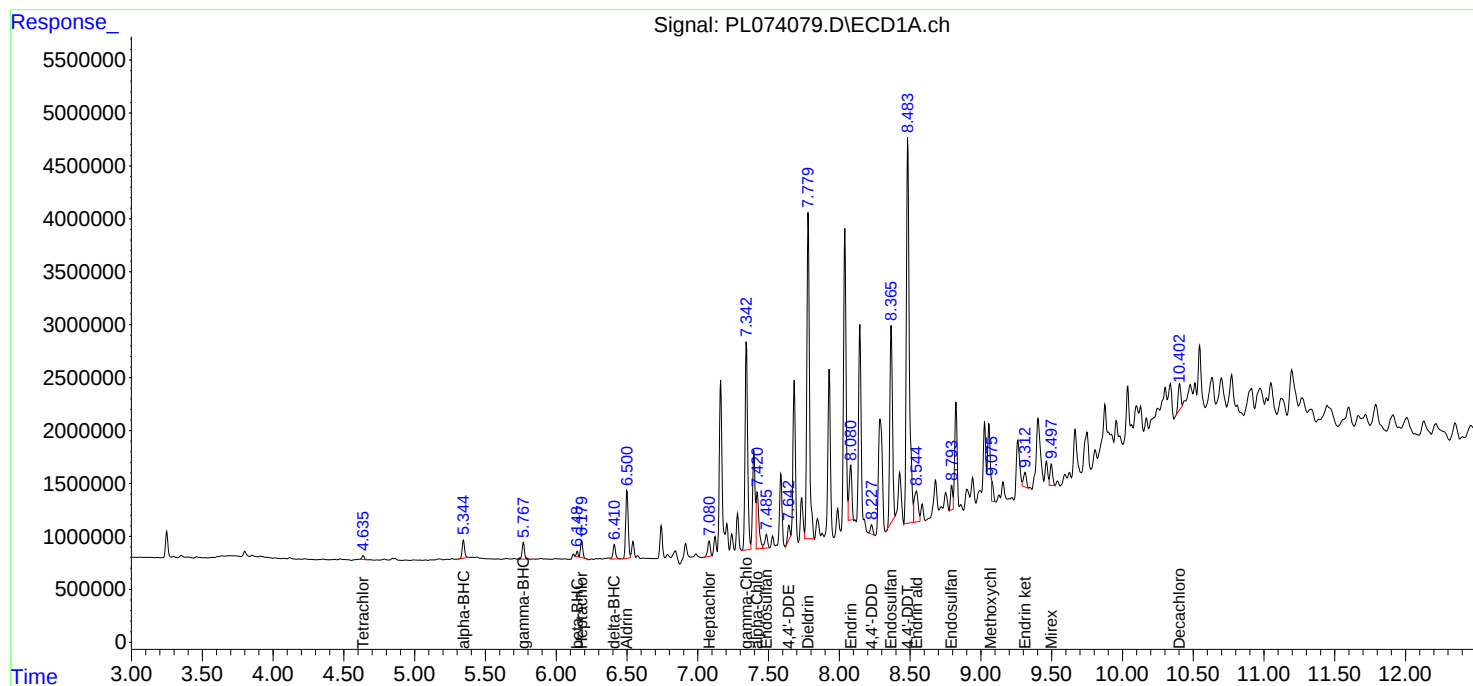
Instrument :
ECD_L
ClientSampleId :
DEL-7

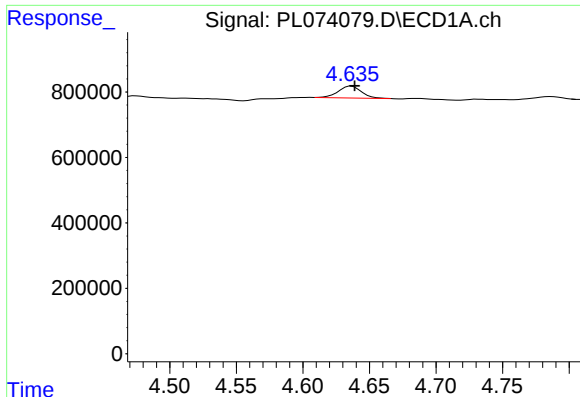
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 02:19:43 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





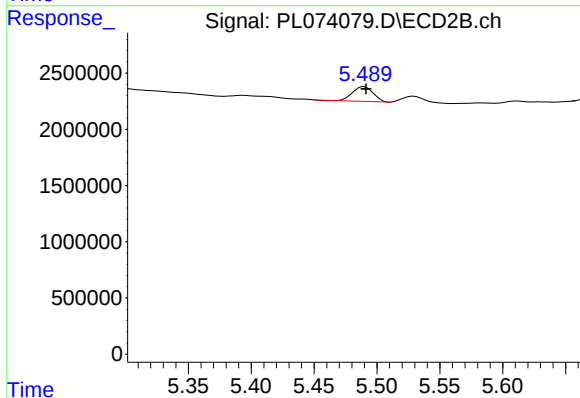
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 442266
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

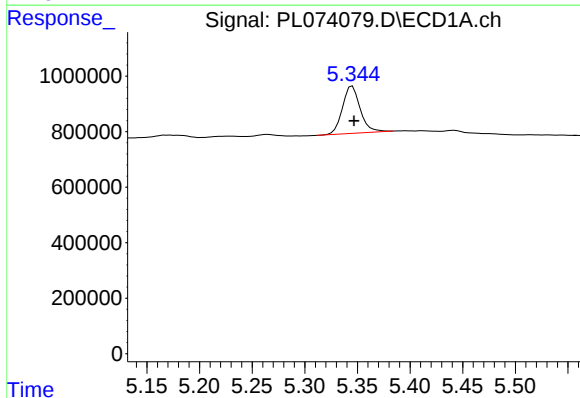
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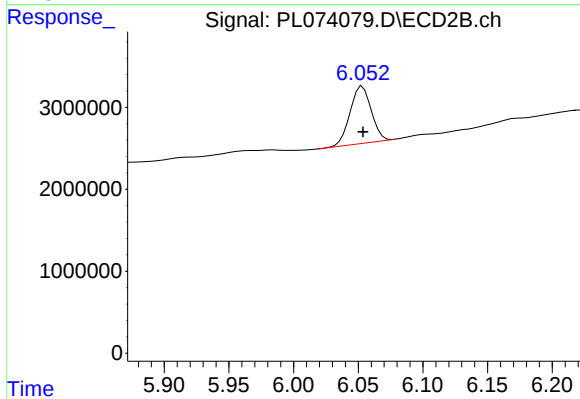
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 1509108
Conc: 0.85 ng/ml



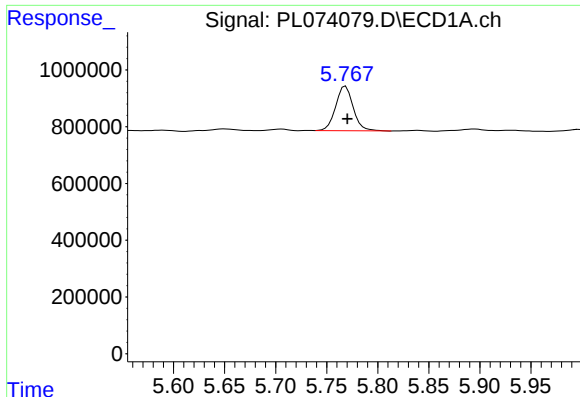
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 1999973
Conc: 4.77 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 7936477
Conc: 3.15 ng/ml



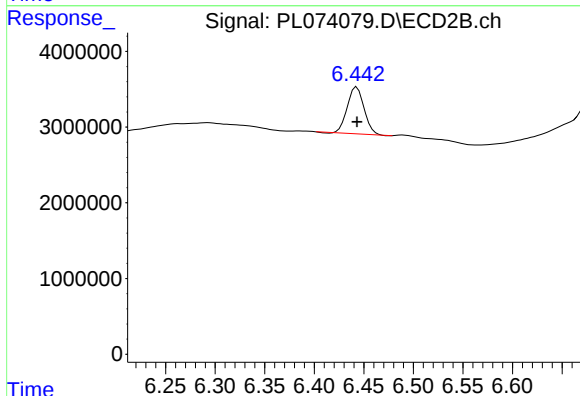
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 1879342
Conc: 4.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

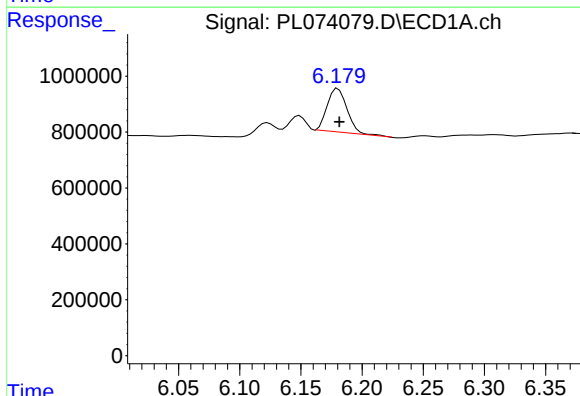
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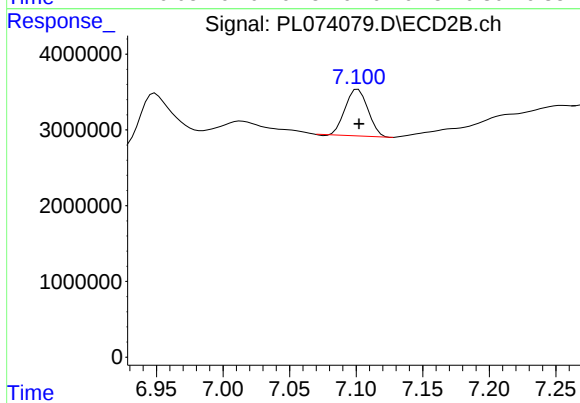
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 7157704
Conc: 3.02 ng/ml



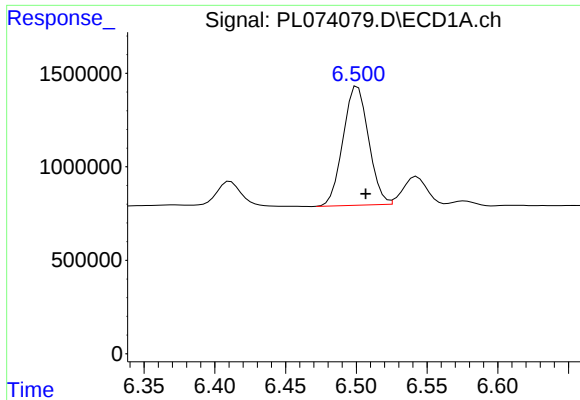
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 1731806
Conc: 3.84 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 7341085
Conc: 2.81 ng/ml



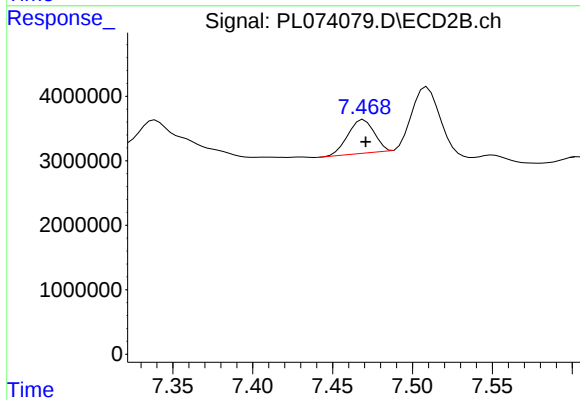
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 8004511
Conc: 19.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

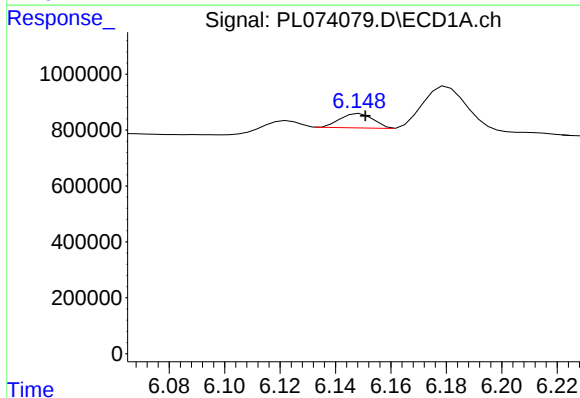
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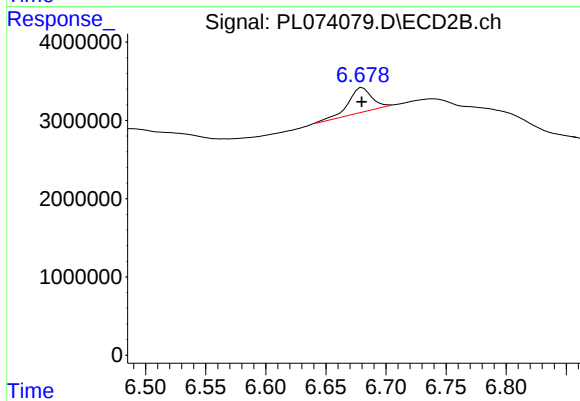
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 5918248
Conc: 2.52 ng/ml



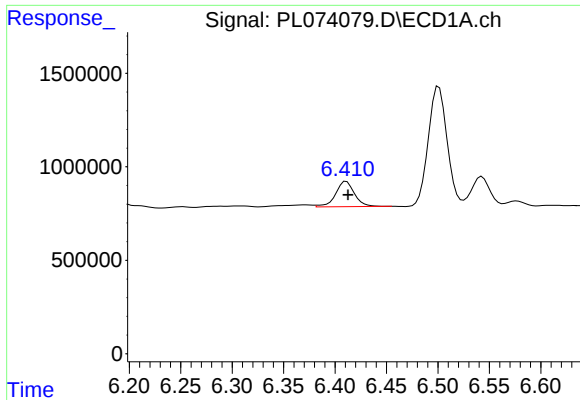
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 430435
Conc: 2.11 ng/ml m



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 4204859
Conc: 3.73 ng/ml



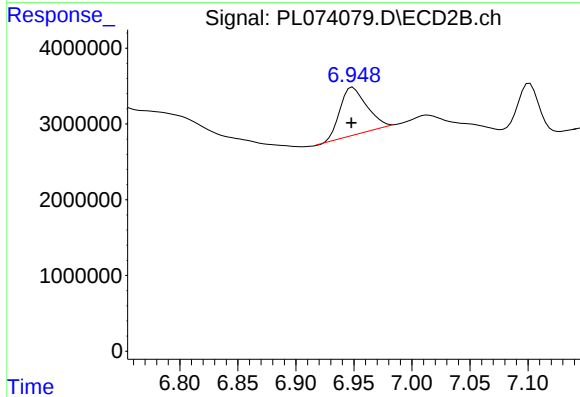
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 1730468
Conc: 4.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

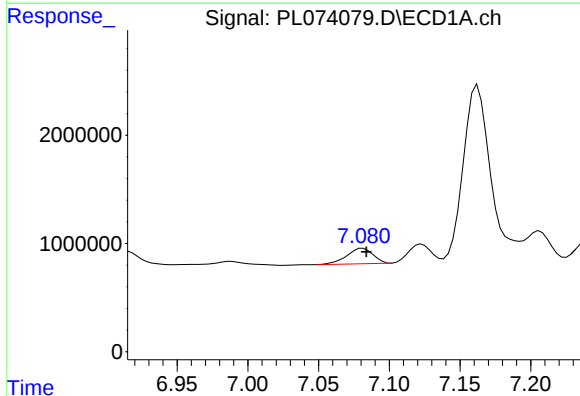
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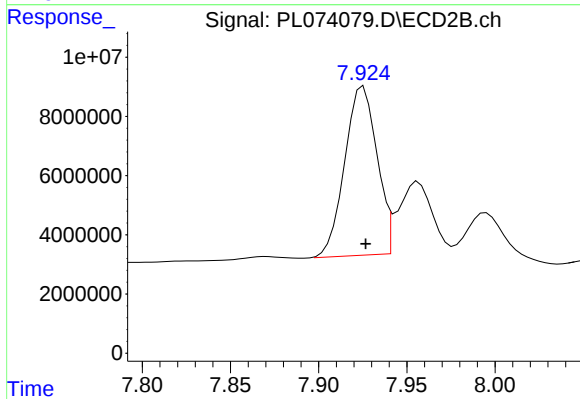
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 10219133
Conc: 4.18 ng/ml m



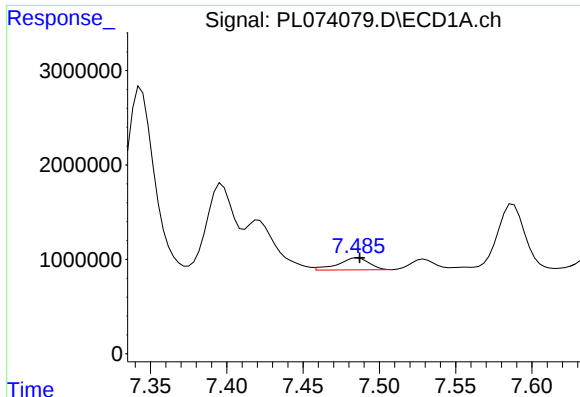
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 1848714
Conc: 4.31 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 71831158
Conc: 31.90 ng/ml m



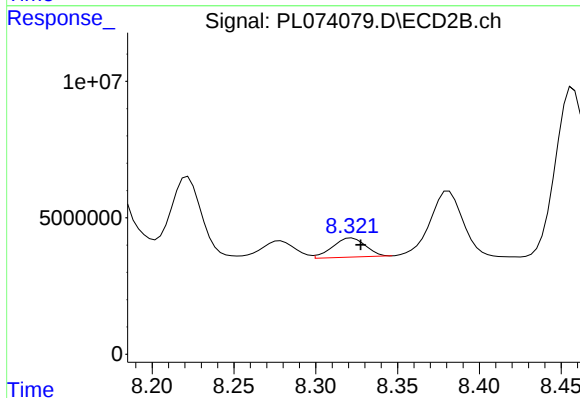
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.001 min
Response: 1820946
Conc: 4.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

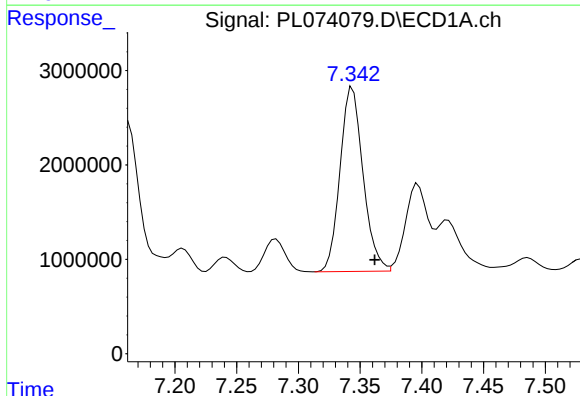
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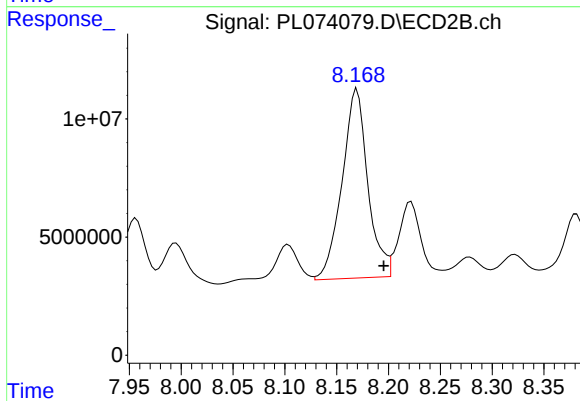
#9 Endosulfan I

R.T.: 8.322 min
Delta R.T.: -0.005 min
Response: 9799996
Conc: 4.98 ng/ml



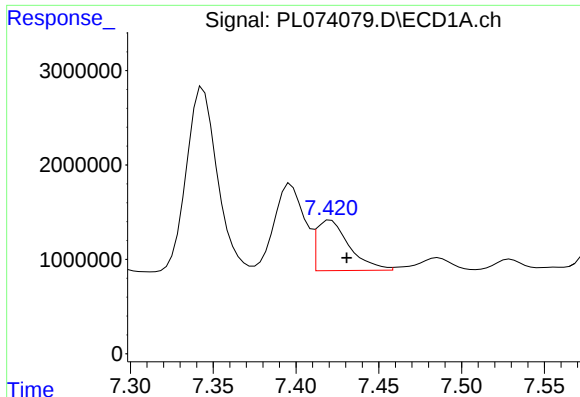
#10 gamma-Chlordane

R.T.: 7.344 min
Delta R.T.: -0.018 min
Response: 25362993
Conc: 57.83 ng/ml



#10 gamma-Chlordane

R.T.: 8.170 min
Delta R.T.: -0.026 min
Response: 138461985
Conc: 62.08 ng/ml



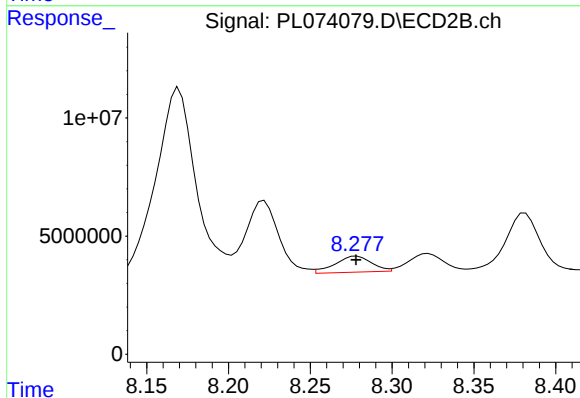
#11 alpha-Chlordane

R.T.: 7.421 min
Delta R.T.: -0.010 min
Response: 7325244
Conc: 16.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

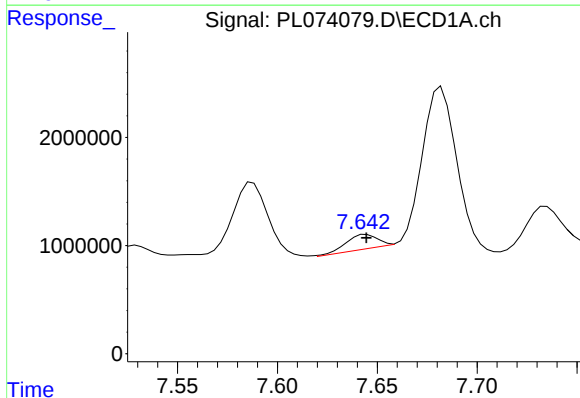
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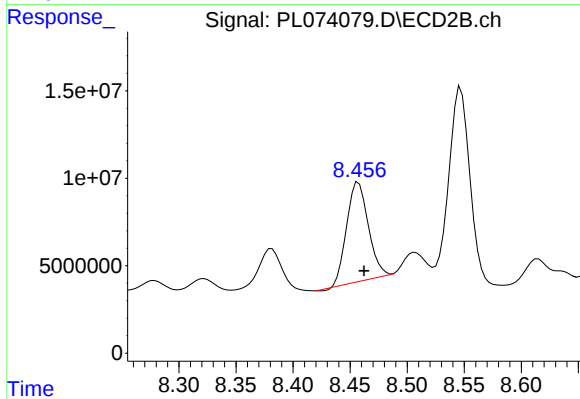
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 10566601
Conc: 4.91 ng/ml



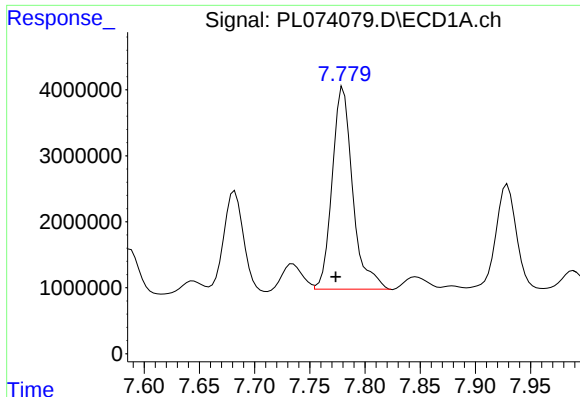
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 1547404
Conc: 4.24 ng/ml m



#12 4,4'-DDE

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 74228164
Conc: 37.27 ng/ml



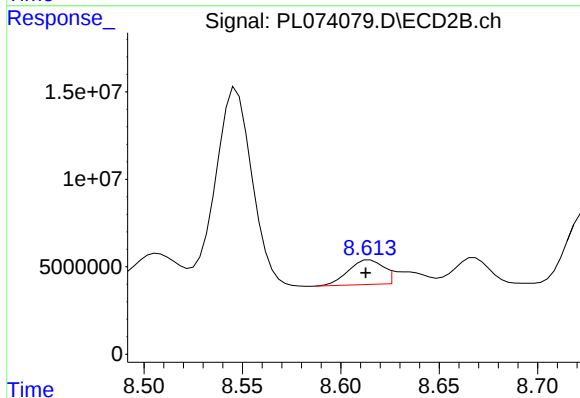
#13 Dieldrin

R.T.: 7.779 min
Delta R.T.: 0.006 min
Response: 39619232
Conc: 92.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

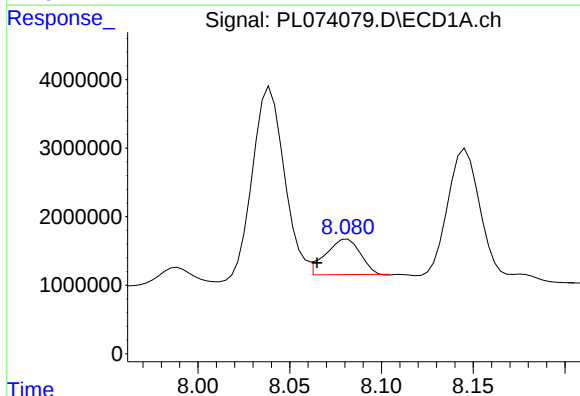
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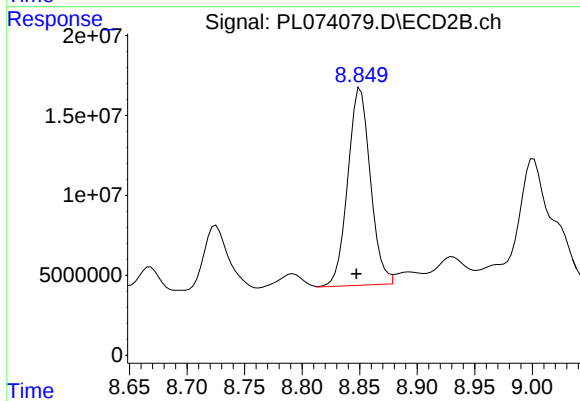
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 18502909
Conc: 9.23 ng/ml m



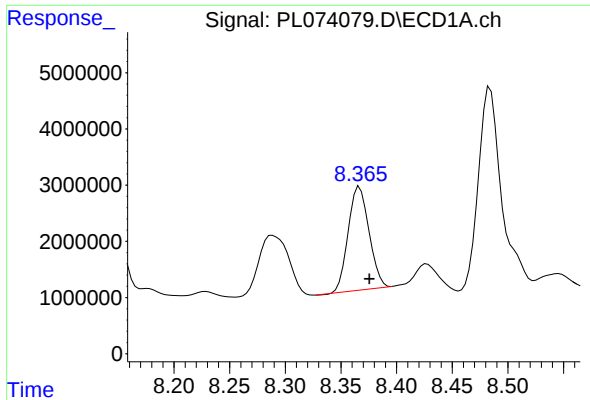
#14 Endrin

R.T.: 8.080 min
Delta R.T.: 0.015 min
Response: 6675814
Conc: 16.43 ng/ml m



#14 Endrin

R.T.: 8.849 min
Delta R.T.: 0.002 min
Response: 170917740
Conc: 100.92 ng/ml m



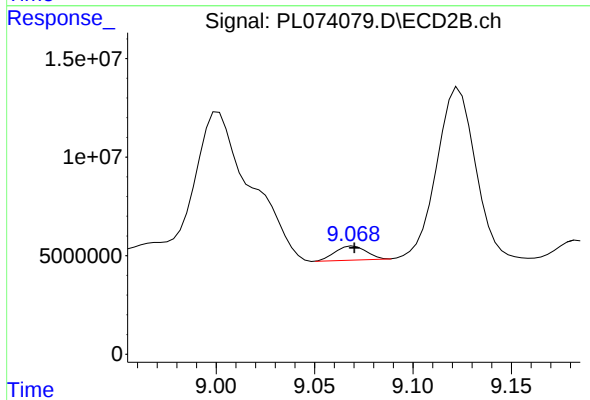
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.009 min
Response: 23956890
Conc: 58.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

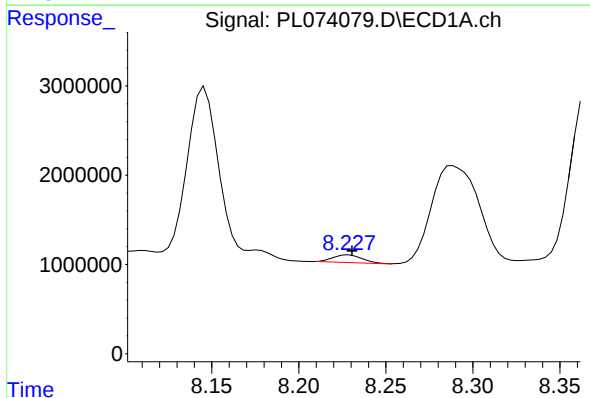
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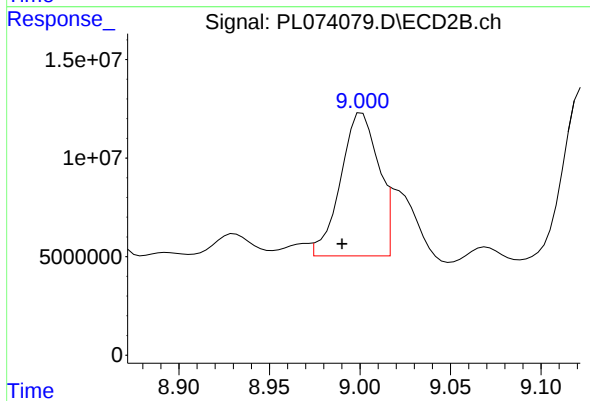
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 7873014
Conc: 4.53 ng/ml



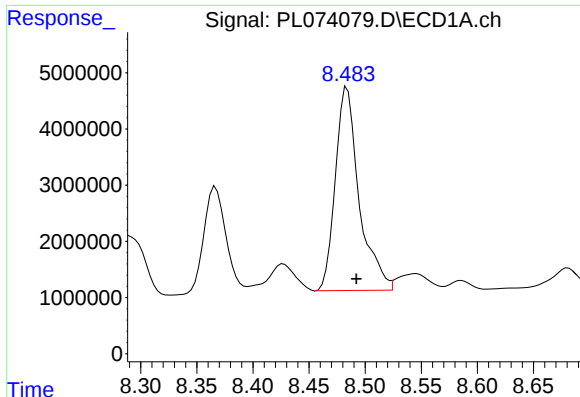
#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 998985
Conc: 3.09 ng/ml m



#16 4,4'-DDD

R.T.: 9.000 min
Delta R.T.: 0.010 min
Response: 106716369
Conc: 69.36 ng/ml m



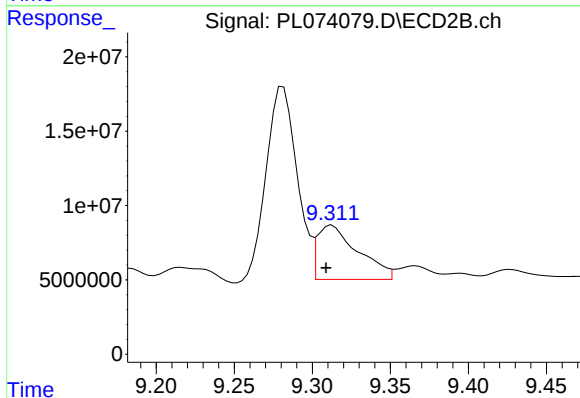
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 53355964
Conc: 144.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

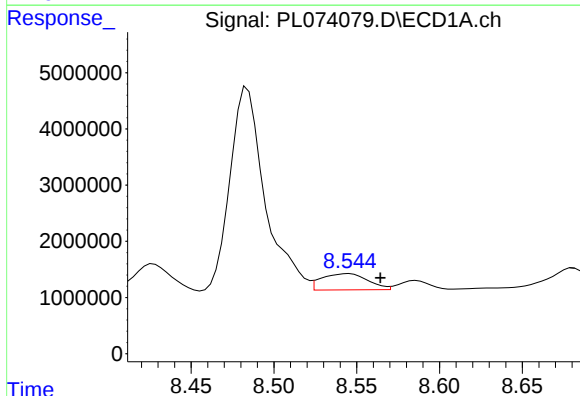
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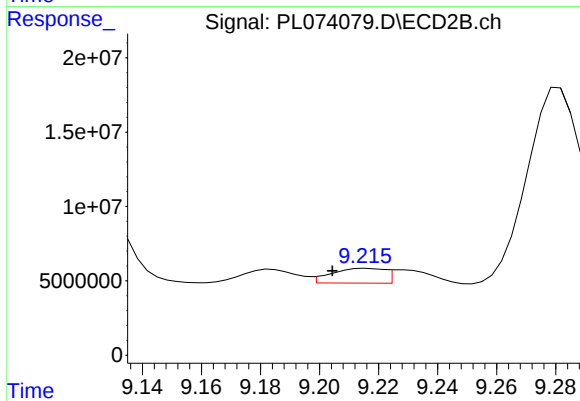
#17 4,4'-DDT

R.T.: 9.311 min
Delta R.T.: 0.002 min
Response: 63236028
Conc: 35.67 ng/ml m



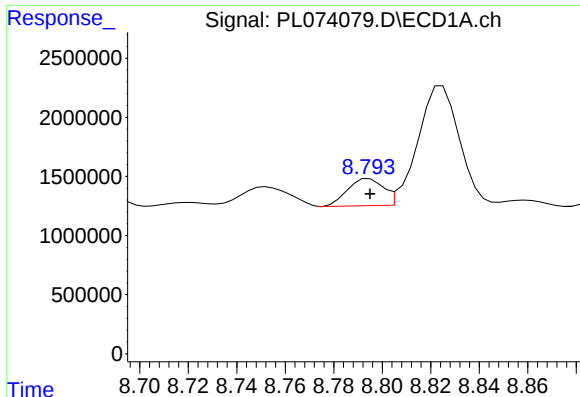
#18 Endrin aldehyde

R.T.: 8.545 min
Delta R.T.: -0.019 min
Response: 5622216
Conc: 17.38 ng/ml



#18 Endrin aldehyde

R.T.: 9.214 min
Delta R.T.: 0.010 min
Response: 11421510
Conc: 8.84 ng/ml m



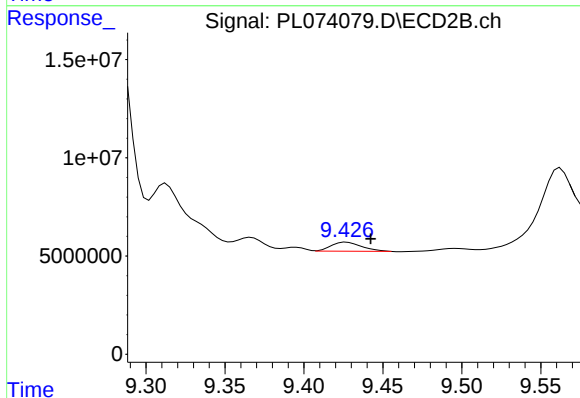
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 2722955
Conc: 6.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

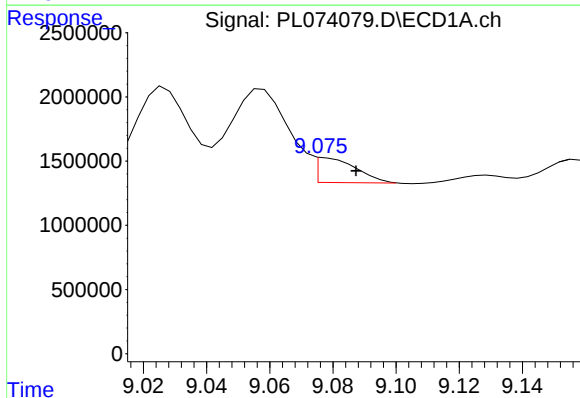
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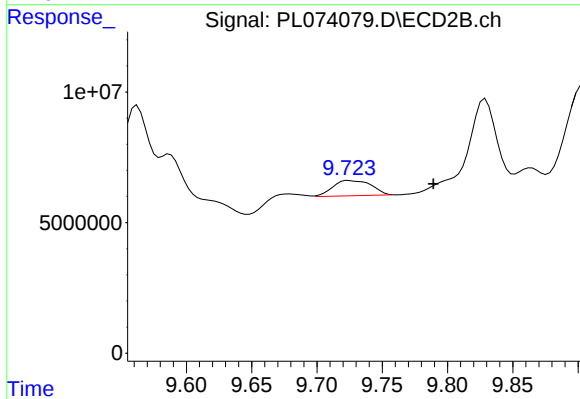
#19 Endosulfan Sulfate

R.T.: 9.426 min
Delta R.T.: -0.017 min
Response: 6126174
Conc: 3.68 ng/ml m



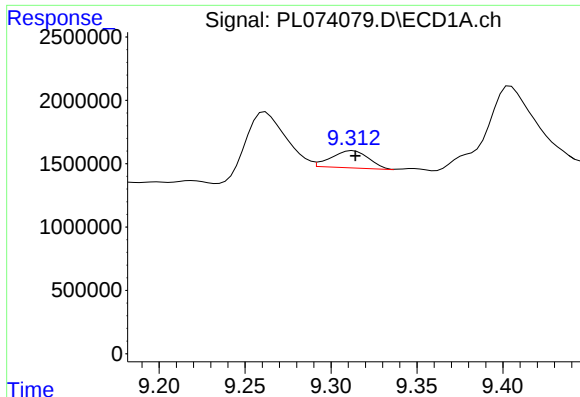
#20 Methoxychlor

R.T.: 9.075 min
Delta R.T.: -0.012 min
Response: 1563241
Conc: 6.30 ng/ml m



#20 Methoxychlor

R.T.: 9.723 min
Delta R.T.: -0.067 min
Response: 11919238
Conc: 12.39 ng/ml m



#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.003 min
Response: 2024924
Conc: 4.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

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#21 Endrin ketone

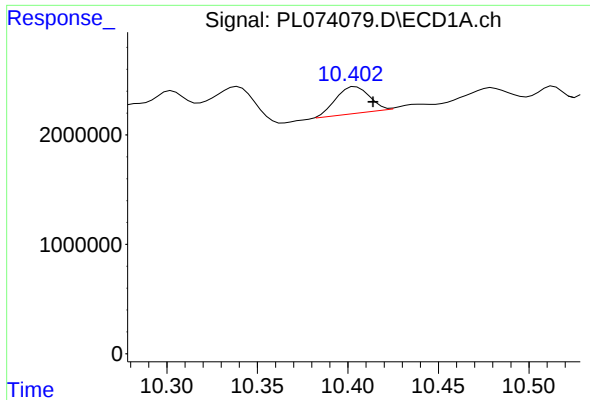
R.T.: 9.903 min
Delta R.T.: -0.028 min
Response: 49825158
Conc: 28.78 ng/ml m

#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.006 min
Response: 2522127
Conc: 5.41 ng/ml m

#22 Mirex

R.T.: 10.408 min
Delta R.T.: 0.000 min
Response: 13645918
Conc: 9.91 ng/ml



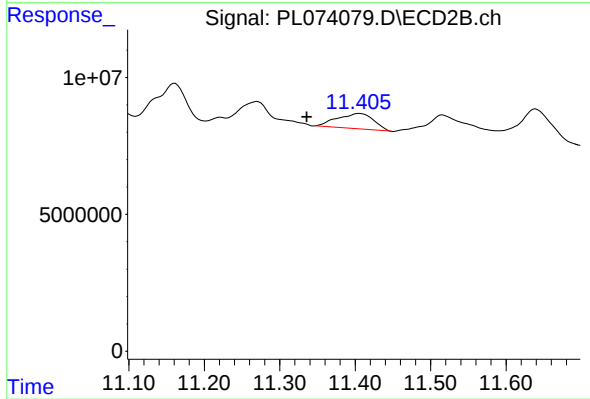
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 3158091
Conc: 6.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/15/2022
Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.405 min
Delta R.T.: 0.069 min
Response: 18363380
Conc: 10.40 ng/ml m