

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 22:59
 Operator : AR\AJ
 Sample : N2349-13MS 10X
 Misc :
 ALS Vial : 33 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 02:19:22 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	440261	1747328	1.363m	0.980 #
28)	SA Decachlor...	10.404	11.402f	3119516	131.2E6	5.999	74.257m#
Target Compounds							
2)	A alpha-BHC	5.345	6.053	2067031	9447243	4.925	3.752
3)	MA gamma-BHC...	5.769	6.443	2094415	9285412	4.994	3.923
4)	MA Heptachlor	6.180	7.102	1895759	9288532	4.209	3.561
5)	MB Aldrin	6.501	7.468	8553526	8215245	20.608	3.498m#
6)	B beta-BHC	6.148	6.680	506713	5857128	2.480m	5.197 #
7)	B delta-BHC	6.411	6.948	2248143	10567027	5.435	4.327
8)	B Heptachlo...	7.082	7.924	1997316	78296568	4.656	34.774m#
9)	A Endosulfan I	7.487	8.322	1646867	10849601	4.016	5.511 #
10)	B gamma-Chl...	7.345f	8.170f	29132621	156.0E6	66.423	69.933
11)	B alpha-Chl...	7.422	8.278	7835471	7256939	17.736	3.371 #
12)	B 4,4'-DDE	7.643	8.456	1563887	90484141	4.287m	45.431m#
13)	MA Dieldrin	7.780	8.613	38185930	21052941	88.893m	10.499m#
14)	MA Endrin	8.079	8.850	6824680	190.5E6	16.800m	112.475m#
15)	B Endosulfa...	8.368	9.071	26557343	8391124	64.435	4.830 #
16)	A 4,4'-DDD	8.228	9.000	1333612	121.6E6	4.130m	79.028m#
17)	MA 4,4'-DDT	8.483	9.312	51630839	76905539	139.679m	43.384m#
18)	B Endrin al...	8.547f	9.214	7148080	13939003	22.092	10.792m#
19)	B Endosulfa...	8.794	9.424f	2798327	5141410	6.553m	3.089m#
20)	A Methoxychlor	9.076	9.723f	1830342	22577713	7.372m	23.473m#
21)	B Endrin ke...	9.312	9.902f	1218690	109.9E6	2.494m	63.474m#
22)	Mirex	9.497	10.396	5105348	21997702	10.946m	15.970m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041422\
 Data File : PL074078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2022 22:59
 Operator : AR\AJ
 Sample : N2349-13MS 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

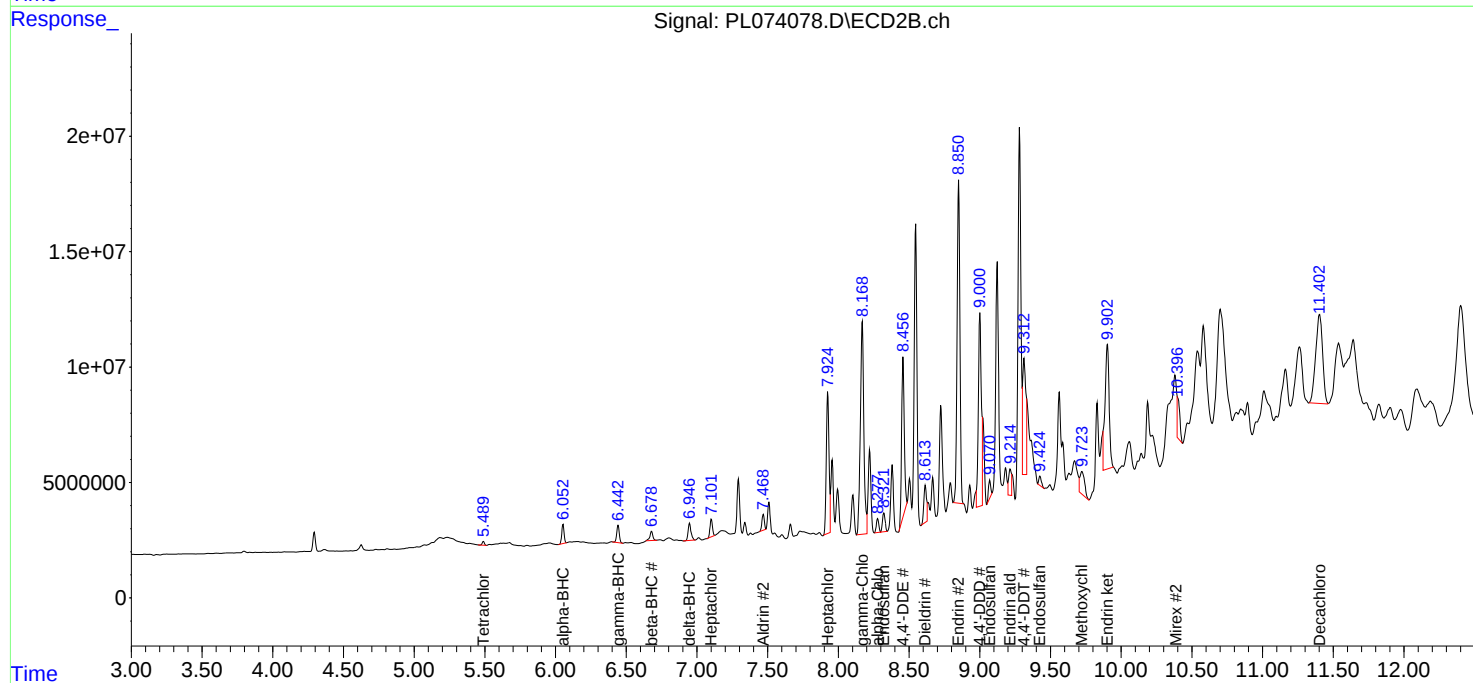
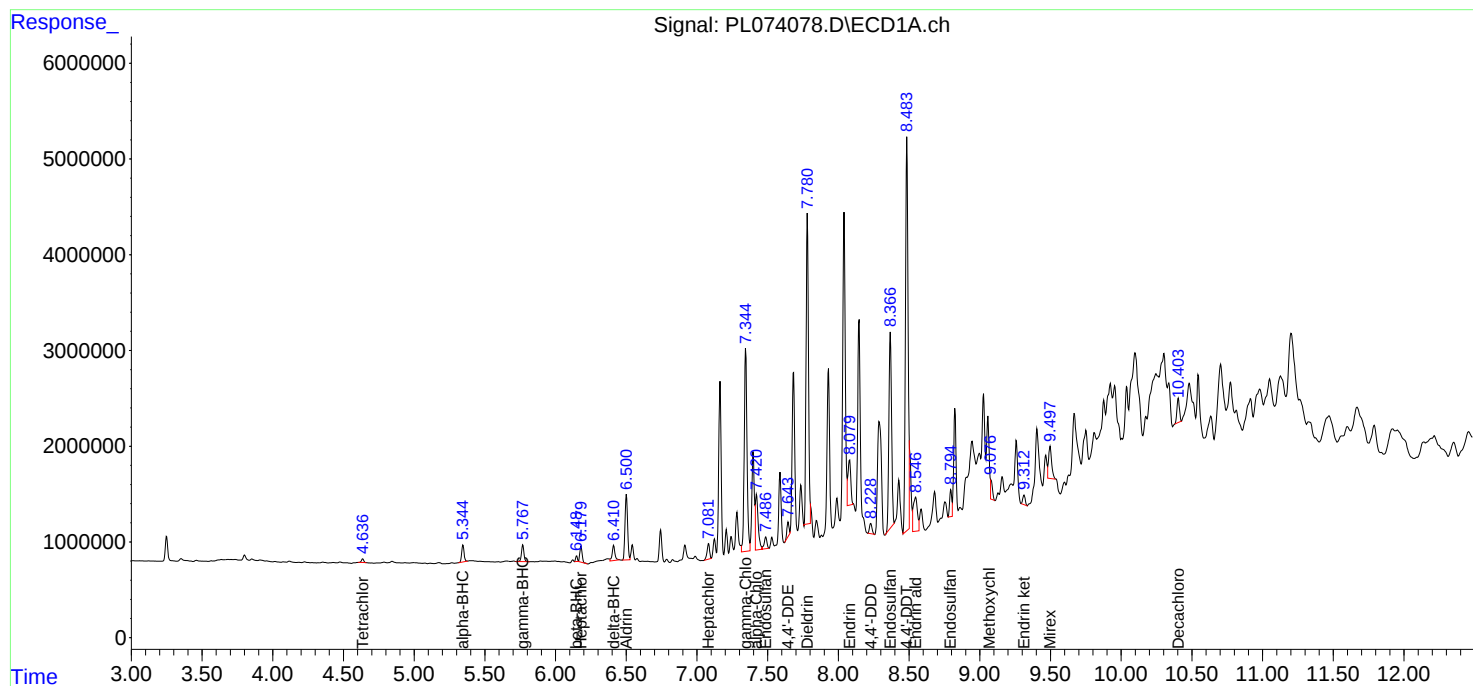
Instrument :
 ECD_L
 ClientSampleId :
 DEL-7

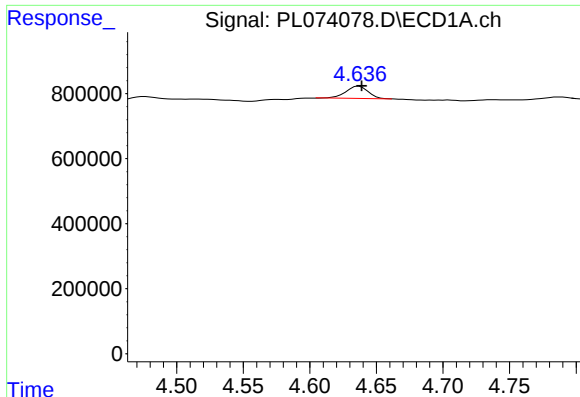
Manual Integrations APPROVED

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 02:19:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





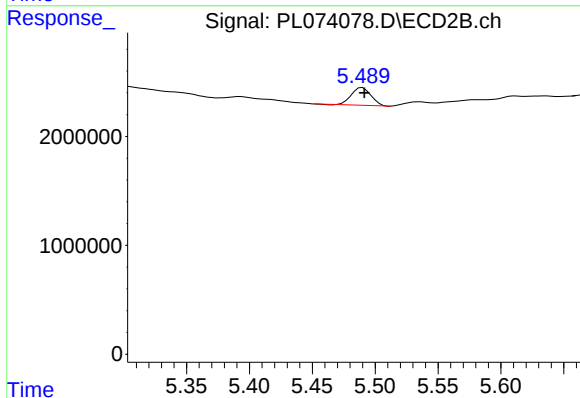
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 440261
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

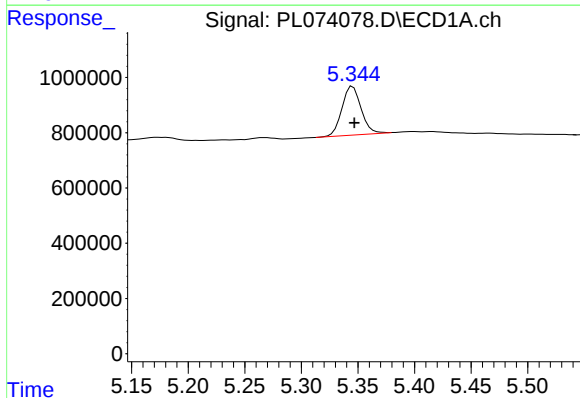
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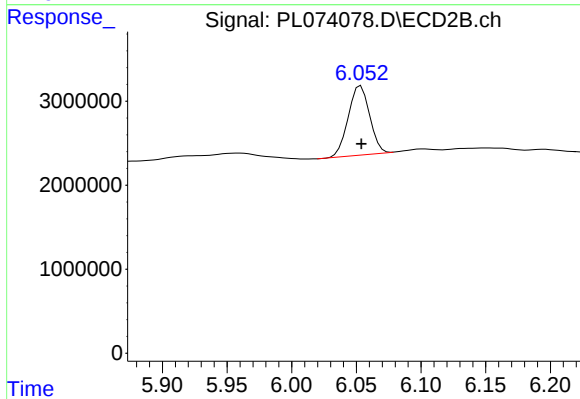
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 1747328
Conc: 0.98 ng/ml



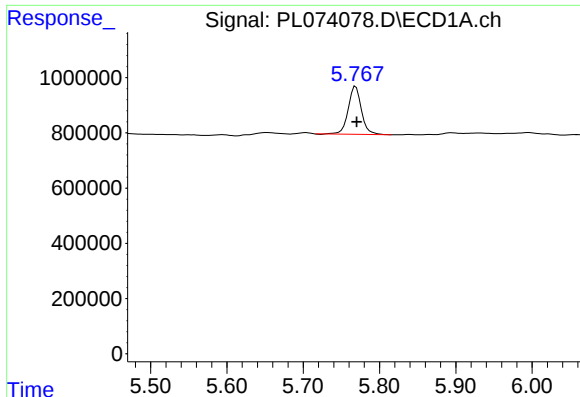
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.001 min
Response: 2067031
Conc: 4.93 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 9447243
Conc: 3.75 ng/ml



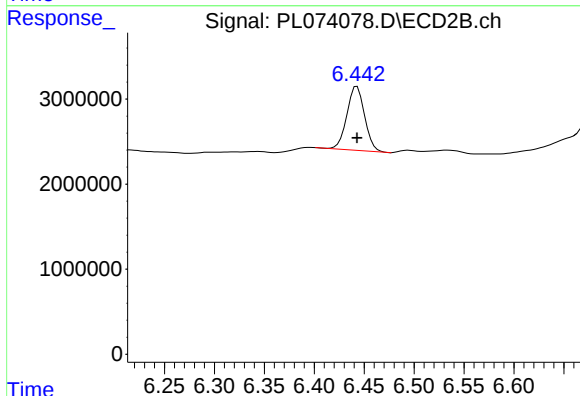
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 2094415
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

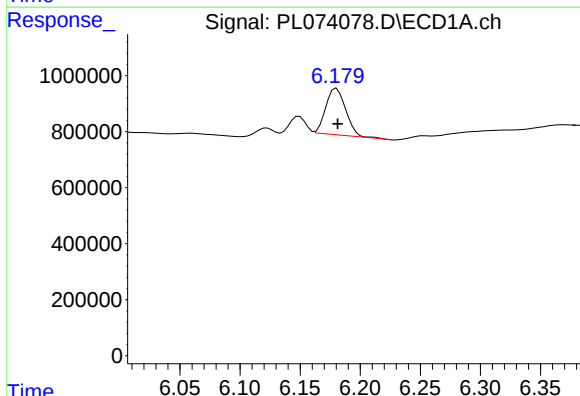
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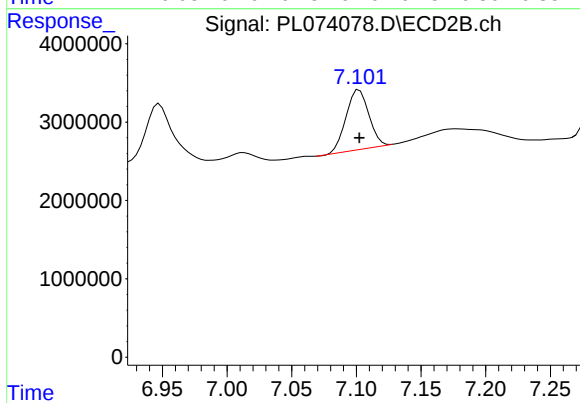
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 9285412
Conc: 3.92 ng/ml



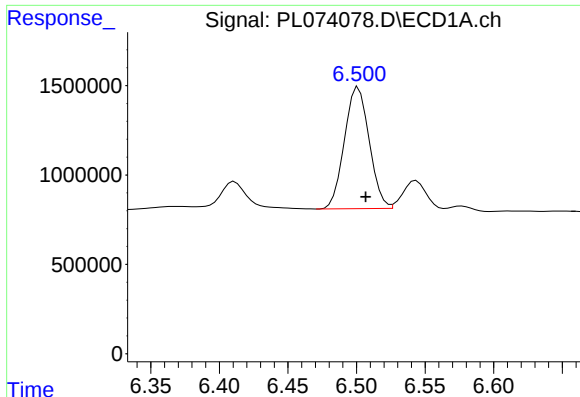
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 1895759
Conc: 4.21 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 9288532
Conc: 3.56 ng/ml



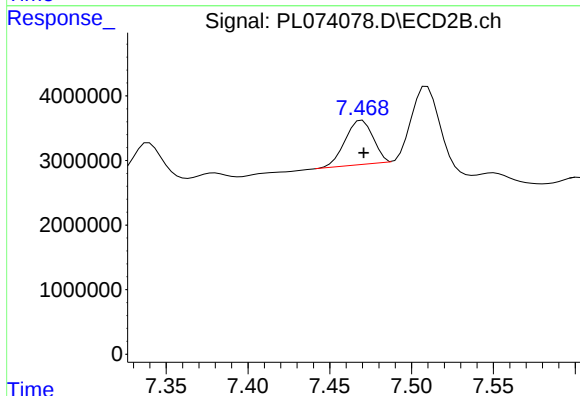
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.005 min
Response: 8553526
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

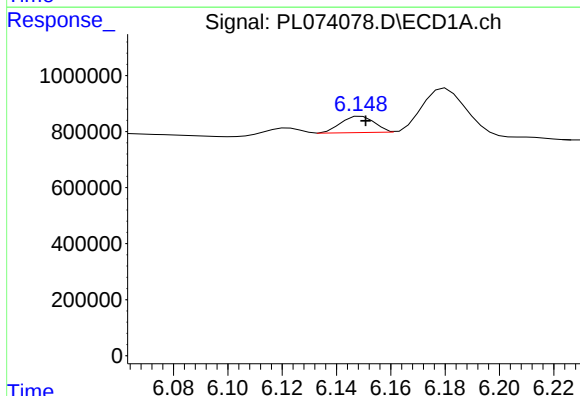
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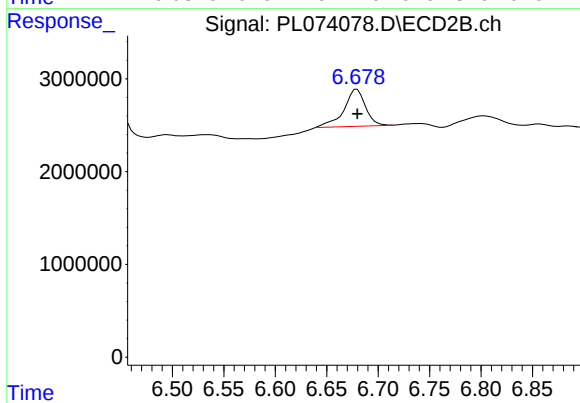
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 8215245
Conc: 3.50 ng/ml m



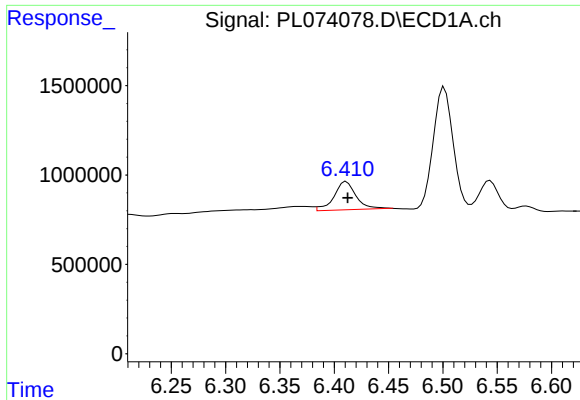
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 506713
Conc: 2.48 ng/ml m



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 5857128
Conc: 5.20 ng/ml



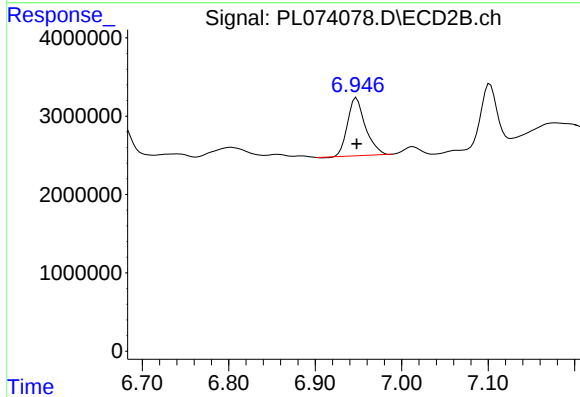
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 2248143
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

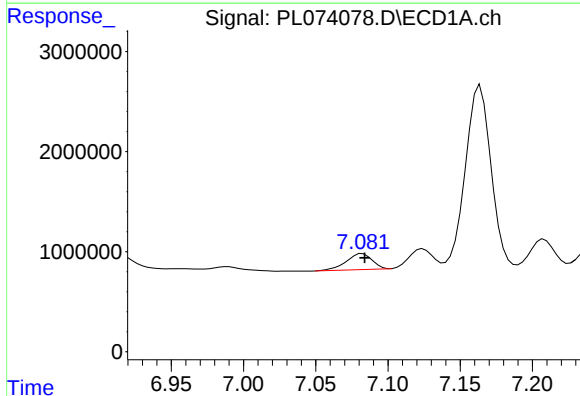
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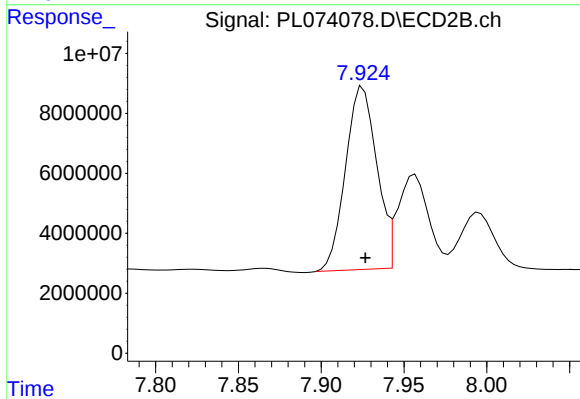
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 10567027
Conc: 4.33 ng/ml



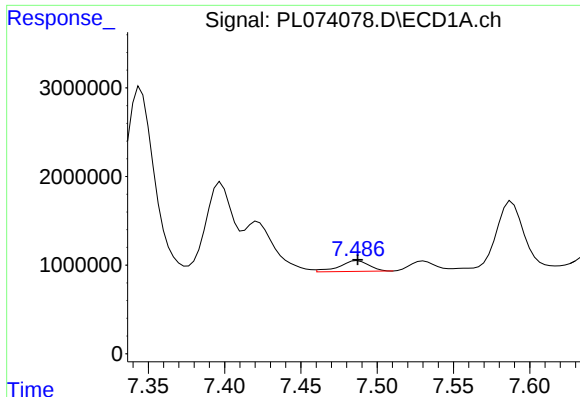
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.001 min
Response: 1997316
Conc: 4.66 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 78296568
Conc: 34.77 ng/ml m



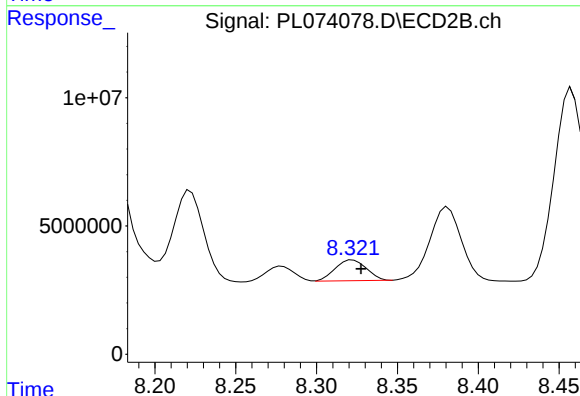
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 1646867
Conc: 4.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

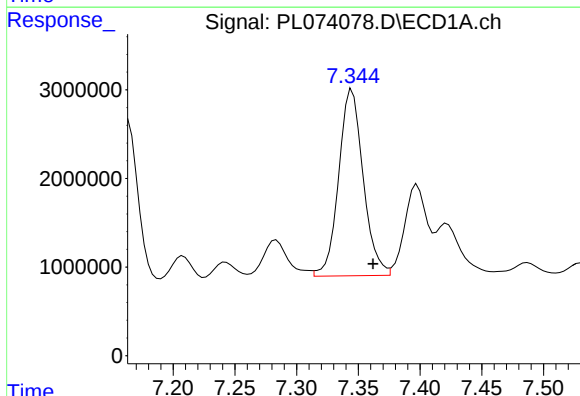
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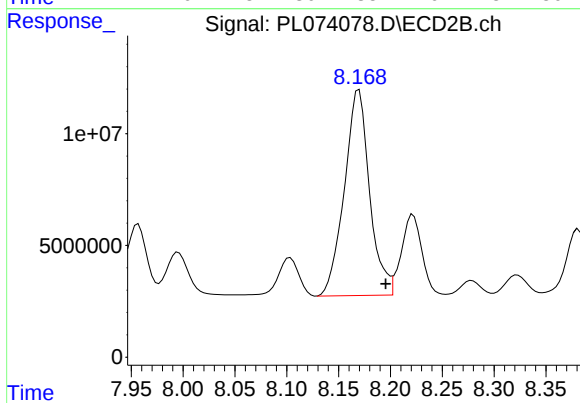
#9 Endosulfan I

R.T.: 8.322 min
Delta R.T.: -0.005 min
Response: 10849601
Conc: 5.51 ng/ml



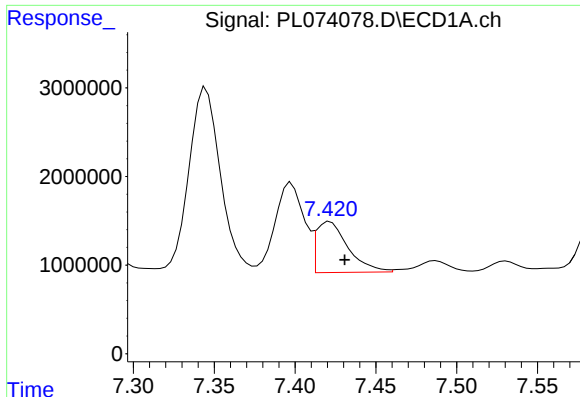
#10 gamma-Chlordane

R.T.: 7.345 min
Delta R.T.: -0.017 min
Response: 29132621
Conc: 66.42 ng/ml



#10 gamma-Chlordane

R.T.: 8.170 min
Delta R.T.: -0.026 min
Response: 155975459
Conc: 69.93 ng/ml



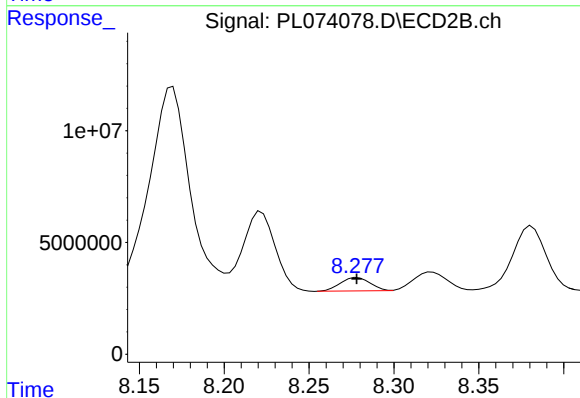
#11 alpha-Chlordane

R.T.: 7.422 min
Delta R.T.: -0.009 min
Response: 7835471
Conc: 17.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

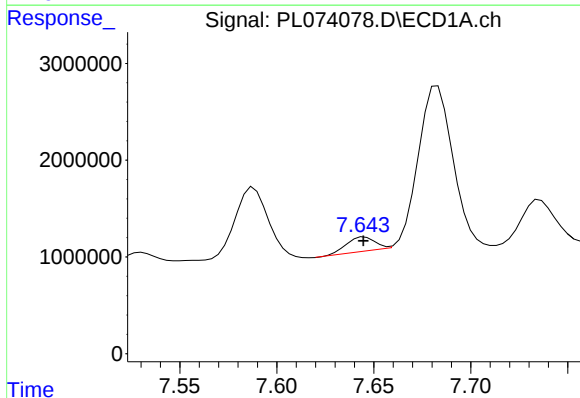
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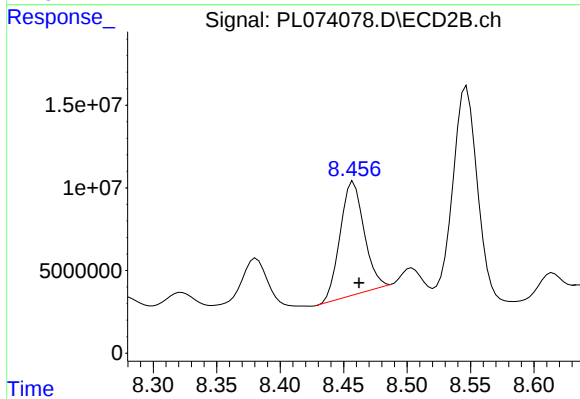
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 7256939
Conc: 3.37 ng/ml



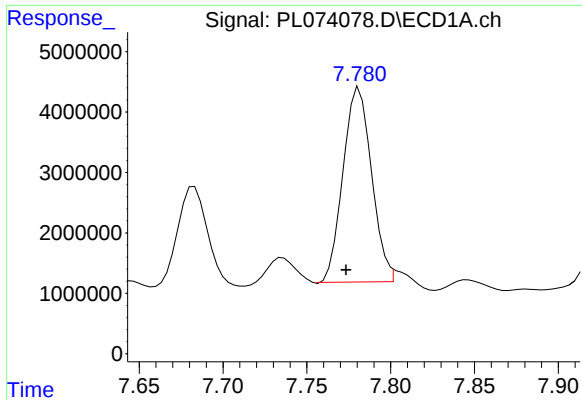
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 1563887
Conc: 4.29 ng/ml m



#12 4,4'-DDE

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 90484141
Conc: 45.43 ng/ml m



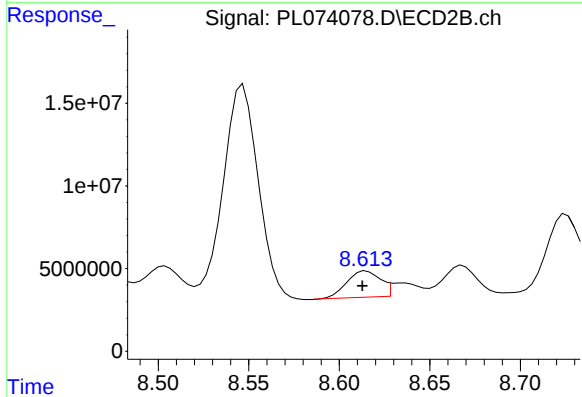
#13 Dieldrin

R.T.: 7.780 min
Delta R.T.: 0.006 min
Response: 38185930
Conc: 88.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

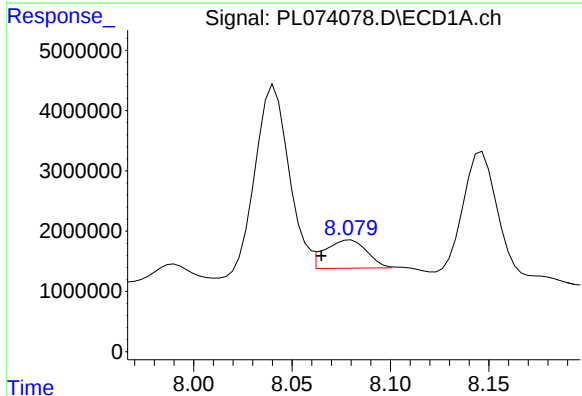
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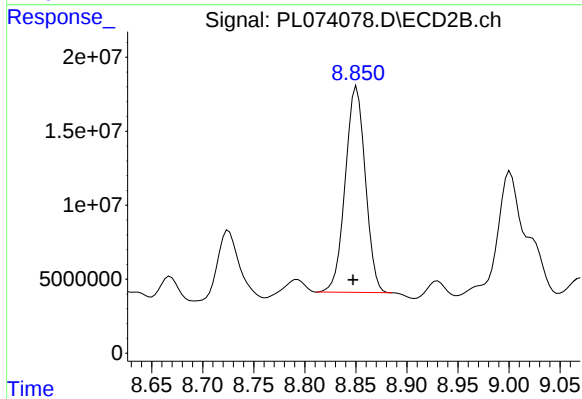
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 21052941
Conc: 10.50 ng/ml m



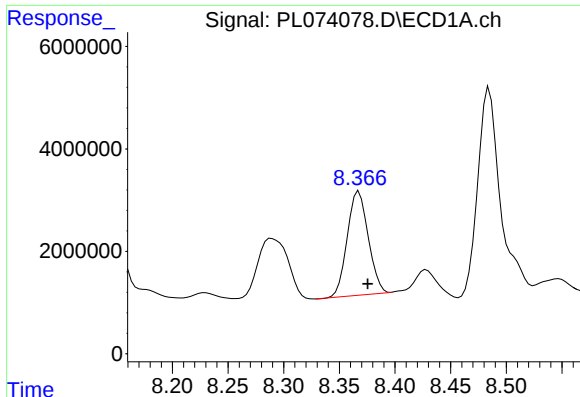
#14 Endrin

R.T.: 8.079 min
Delta R.T.: 0.014 min
Response: 6824680
Conc: 16.80 ng/ml m



#14 Endrin

R.T.: 8.850 min
Delta R.T.: 0.002 min
Response: 190494581
Conc: 112.47 ng/ml m



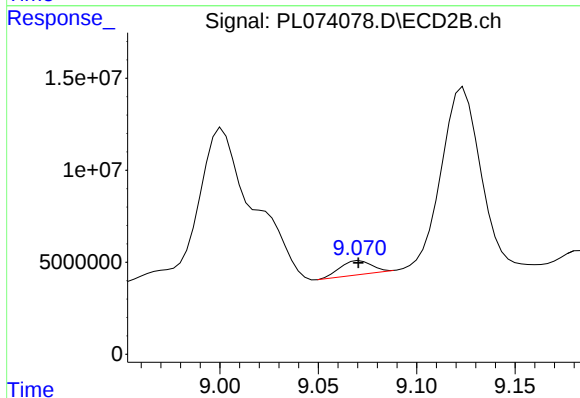
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.008 min
Response: 26557343
Conc: 64.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

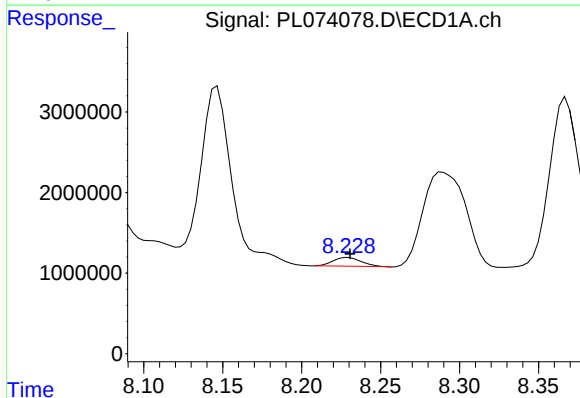
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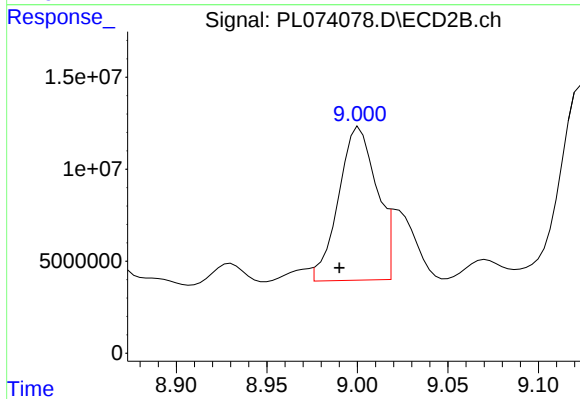
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 8391124
Conc: 4.83 ng/ml



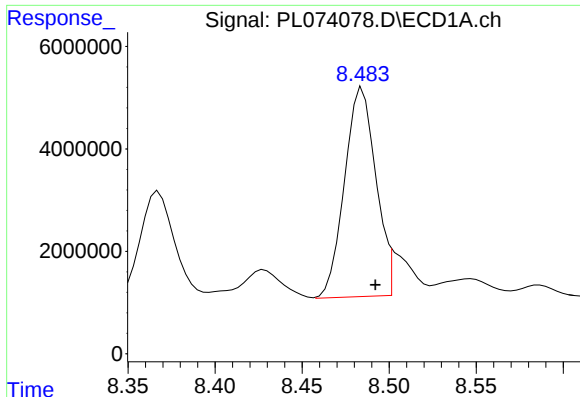
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 1333612
Conc: 4.13 ng/ml m



#16 4,4'-DDD

R.T.: 9.000 min
Delta R.T.: 0.010 min
Response: 121593084
Conc: 79.03 ng/ml m



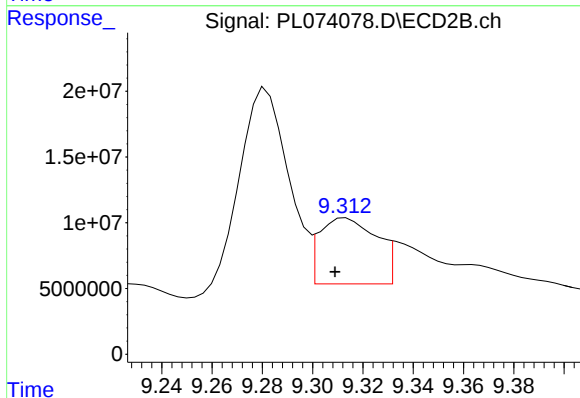
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 51630839
Conc: 139.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

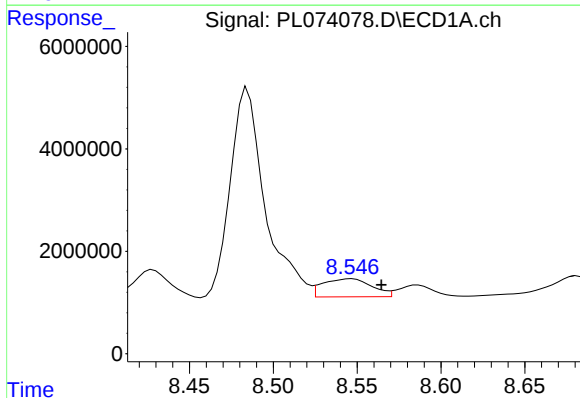
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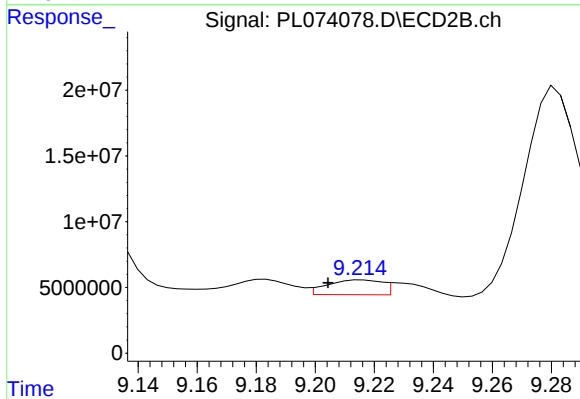
#17 4,4'-DDT

R.T.: 9.312 min
Delta R.T.: 0.003 min
Response: 76905539
Conc: 43.38 ng/ml m



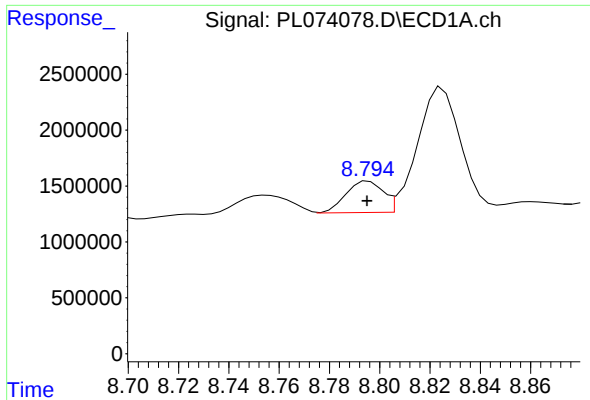
#18 Endrin aldehyde

R.T.: 8.547 min
Delta R.T.: -0.017 min
Response: 7148080
Conc: 22.09 ng/ml



#18 Endrin aldehyde

R.T.: 9.214 min
Delta R.T.: 0.010 min
Response: 13939003
Conc: 10.79 ng/ml m



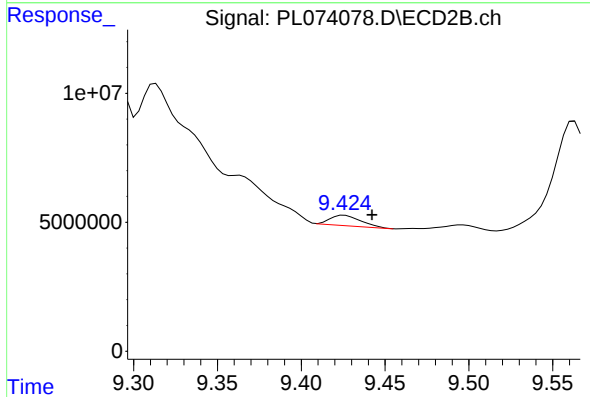
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 2798327
Conc: 6.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

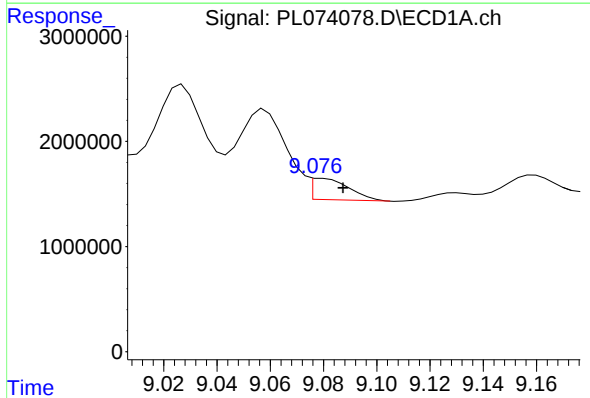
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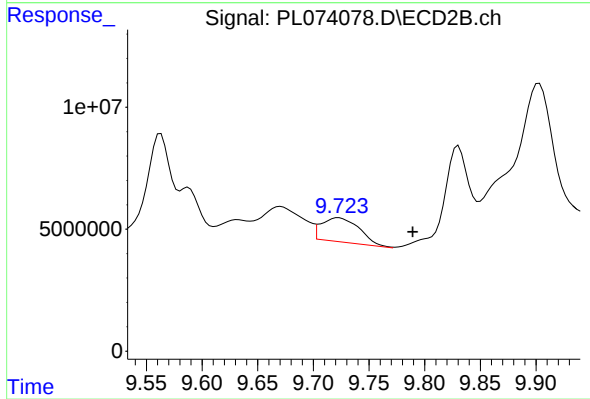
#19 Endosulfan Sulfate

R.T.: 9.424 min
Delta R.T.: -0.018 min
Response: 5141410
Conc: 3.09 ng/ml m



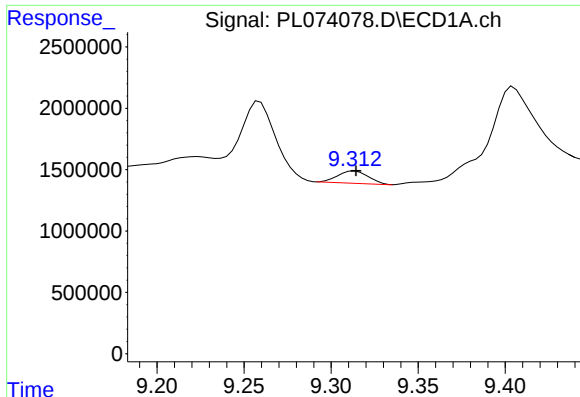
#20 Methoxychlor

R.T.: 9.076 min
Delta R.T.: -0.011 min
Response: 1830342
Conc: 7.37 ng/ml m



#20 Methoxychlor

R.T.: 9.723 min
Delta R.T.: -0.066 min
Response: 22577713
Conc: 23.47 ng/ml m



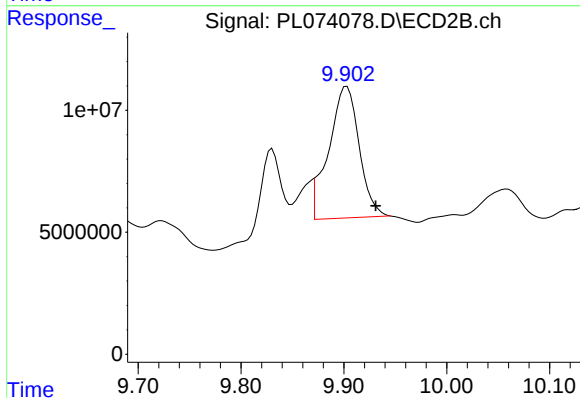
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 1218690
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

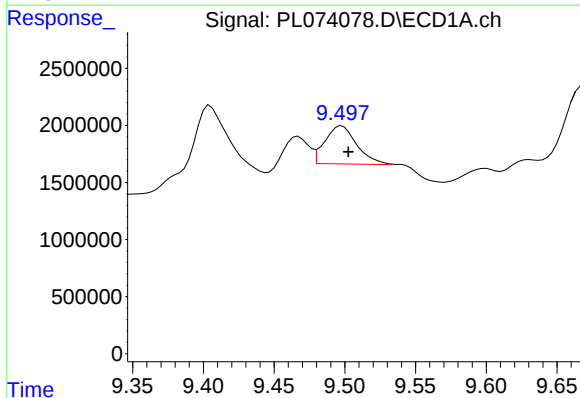
Manual Integrations
APPROVED

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



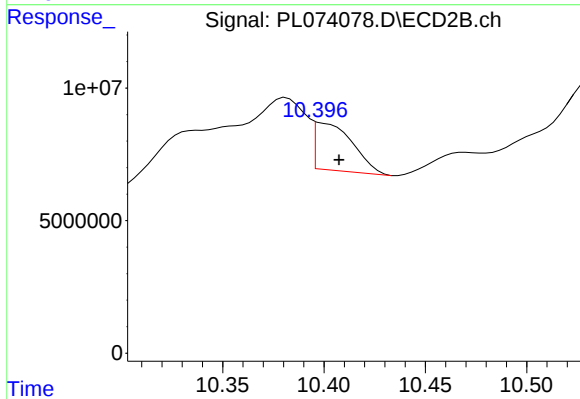
#21 Endrin ketone

R.T.: 9.902 min
Delta R.T.: -0.029 min
Response: 109869684
Conc: 63.47 ng/ml m



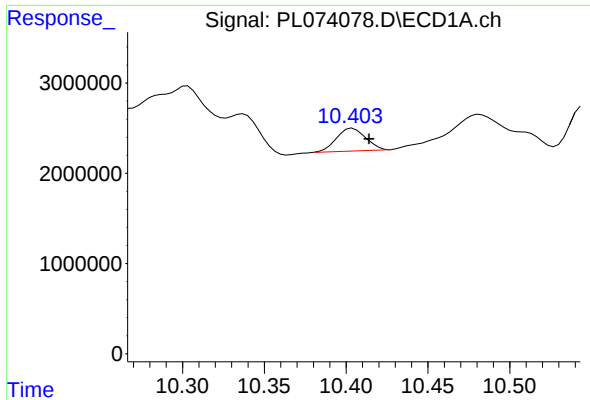
#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.006 min
Response: 5105348
Conc: 10.95 ng/ml m



#22 Mirex

R.T.: 10.396 min
Delta R.T.: -0.012 min
Response: 21997702
Conc: 15.97 ng/ml m



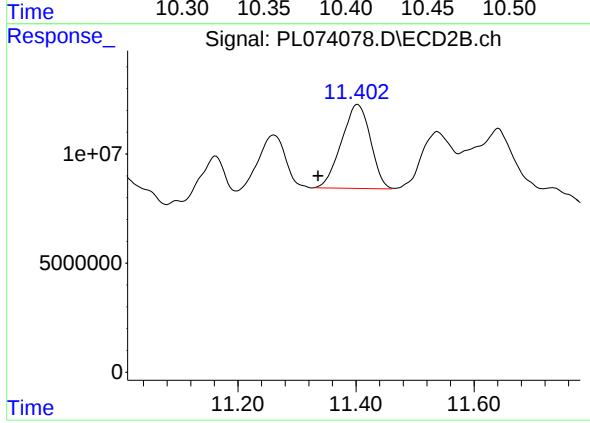
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 3119516
Conc: 6.00 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.: 11.402 min
Delta R.T.: 0.066 min
Response: 131160902
Conc: 74.26 ng/ml m