

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074029.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2022 22:28
 Operator : AR\AJ
 Sample : N2349-13MS 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DEL-7

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 00:44:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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	477316	1654281	1.477m	0.928 #
2)	SA Decachlor...	10.404	11.401f	3078453	128.6E6	5.920	72.814m#
Target Compounds							
2)	A alpha-BHC	5.346	6.053	1956889	8751885	4.663	3.476 #
3)	MA gamma-BHC...	5.769	6.442	1875062	8492524	4.471	3.588
4)	MA Heptachlor	6.181	7.101	1704898	8459480	3.785	3.243
5)	MB Aldrin	6.501	7.470	8056104	5460038	19.410	2.325 #
6)	B beta-BHC	6.148	6.679	527610	4946207	2.582m	4.389 #
7)	B delta-BHC	6.411	6.947	2181143	9530545	5.273	3.902 #
8)	B Heptachlo...	7.083	7.924	1874266	74826803	4.370	33.233m#
9)	A Endosulfan I	7.487	8.322	1541765	9547849	3.759	4.850 #
10)	B gamma-Chl...	7.345f	8.169f	27469481	144.7E6	62.631	64.861
11)	B alpha-Chl...	7.422	8.279	7240779	6685565	16.390	3.106 #
12)	B 4,4'-DDE	7.642	8.457	1510185	97947666	4.140m	49.178m#
13)	MA Dieldrin	7.780	8.614	35883384	20437061	83.533m	10.192m#
14)	MA Endrin	8.080	8.849	5212556	177.2E6	12.831m	104.618m#
15)	B Endosulfa...	8.368	9.071	24361121	8708602	59.106	5.013 #
16)	A 4,4'-DDD	8.229	9.000	1451708	115.4E6	4.495m	74.999m#
17)	MA 4,4'-DDT	8.485	9.312	54696092	119.9E6	147.972	67.629m#
18)	B Endrin al...	8.548f	9.214	6928137	22688610	21.413	17.566m
19)	B Endosulfa...	8.795	9.425f	2852514	5907386	6.680m	3.549m#
20)	A Methoxychlor	9.075	9.795	1836191	288309	7.396m	0.300m#
21)	B Endrin ke...	9.313	9.902f	1267494	107.6E6	2.594m	62.154m#
22)	Mirex	9.498	10.394	3144436	21913654	6.742m	15.909m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074029.D
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 Acq On : 13 Apr 2022 22:28
 Operator : AR\AJ
 Sample : N2349-13MS 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

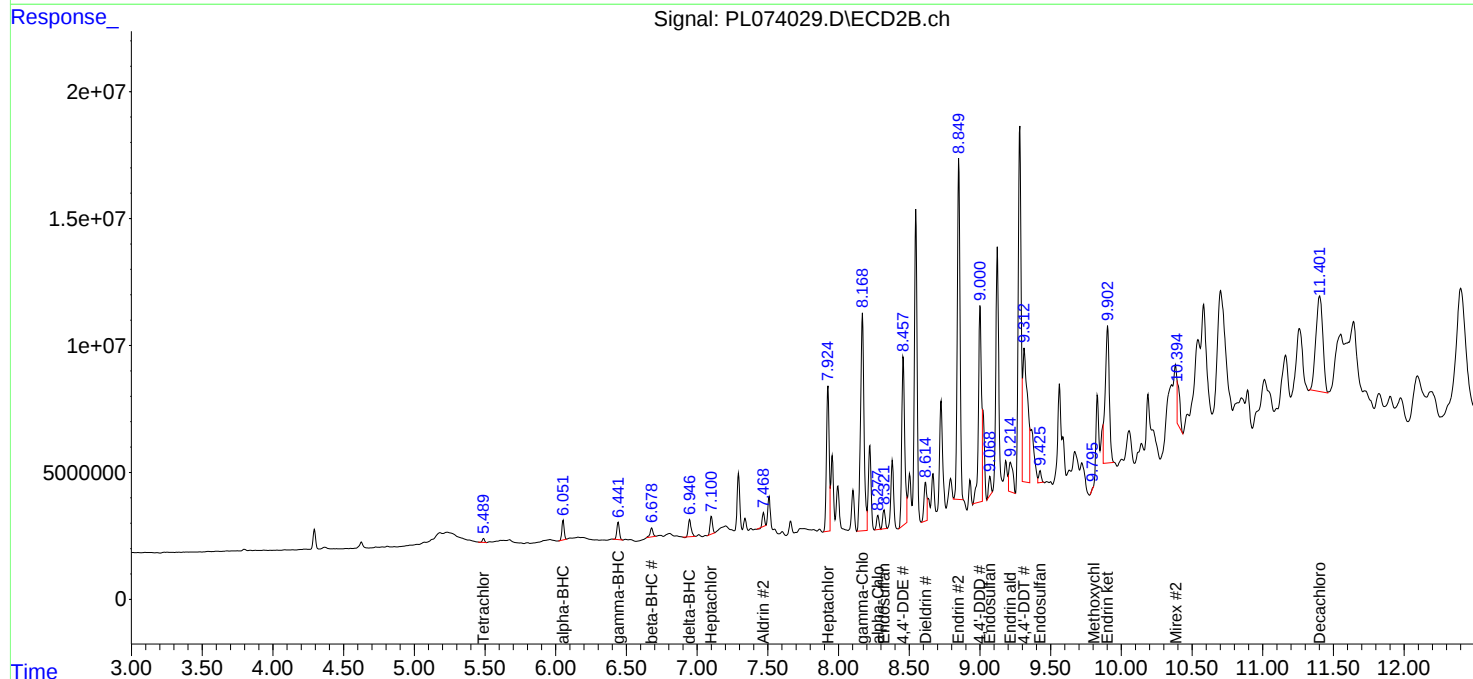
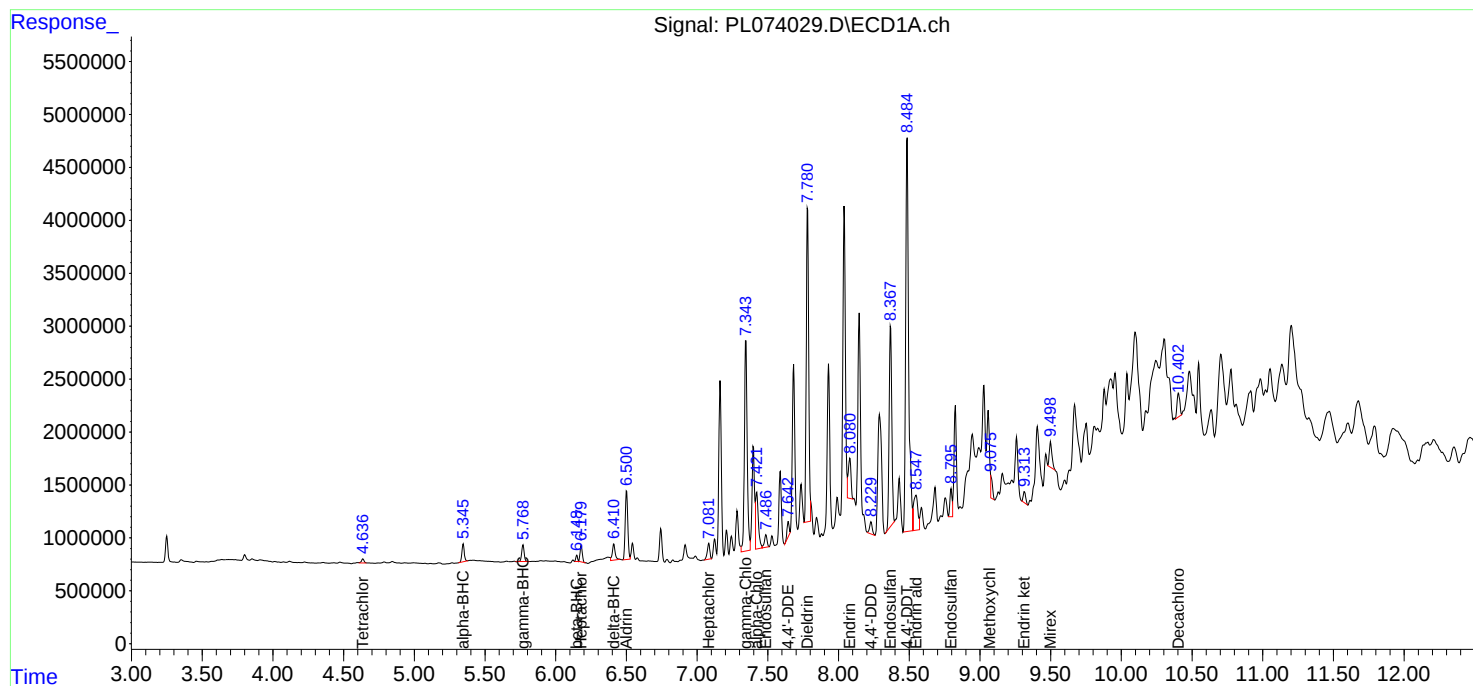
Instrument :
 ECD_L
 ClientSampleId :
 DEL-7

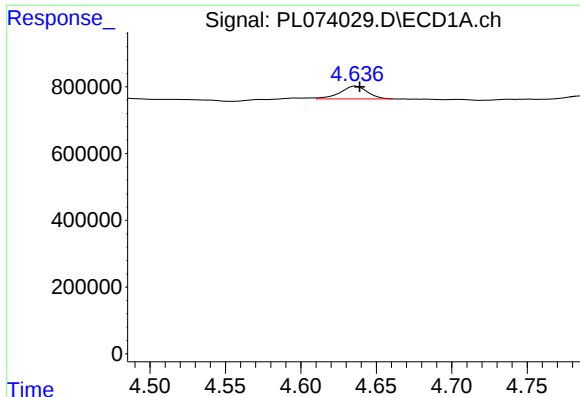
Manual Integrations APPROVED

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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 14 00:44:29 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





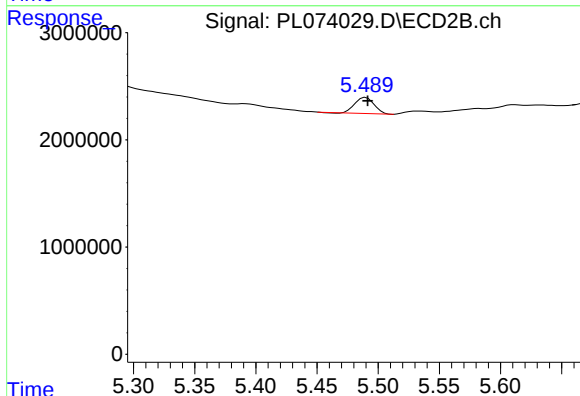
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 477316
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

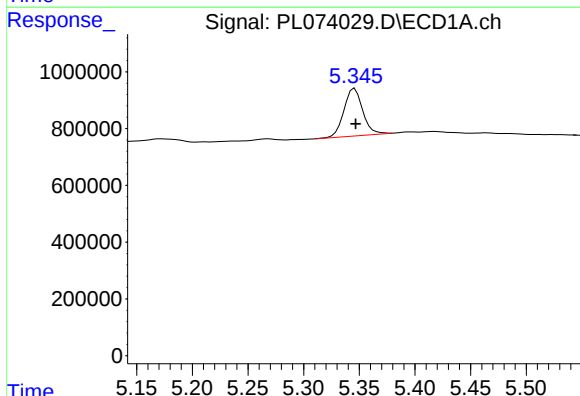
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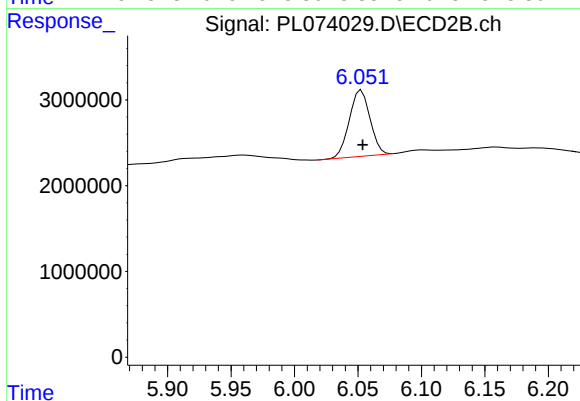
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 1654281
Conc: 0.93 ng/ml



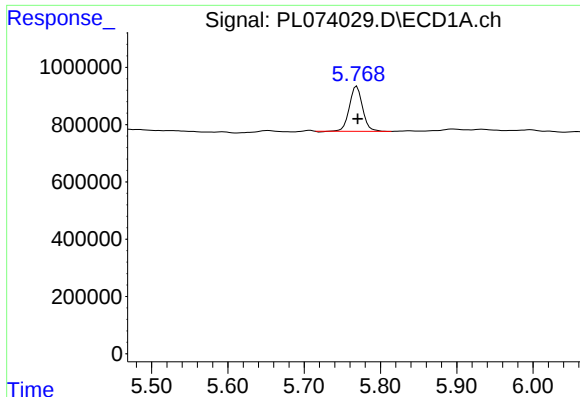
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 1956889
Conc: 4.66 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 8751885
Conc: 3.48 ng/ml



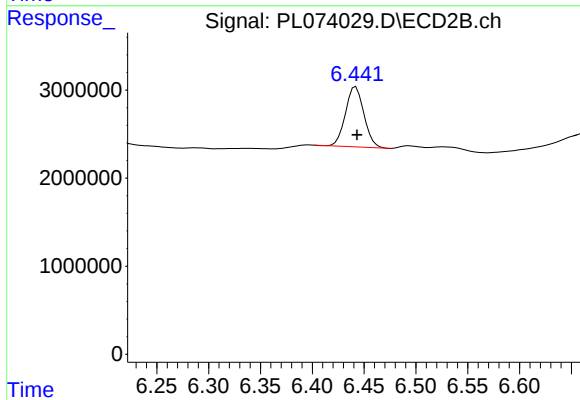
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 1875062
Conc: 4.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

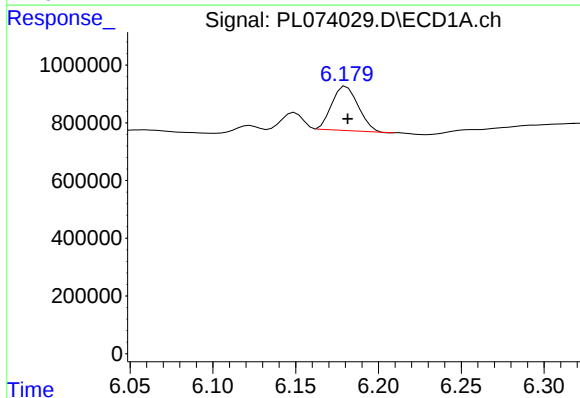
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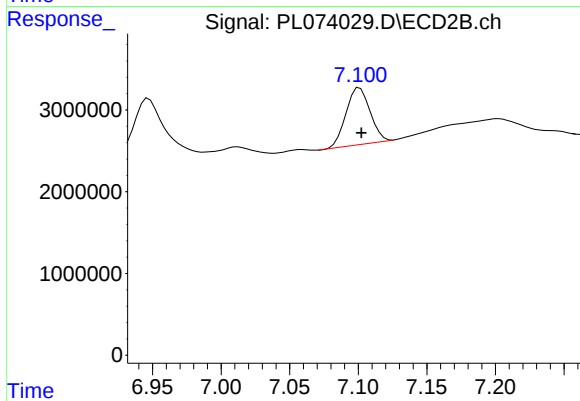
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 8492524
Conc: 3.59 ng/ml



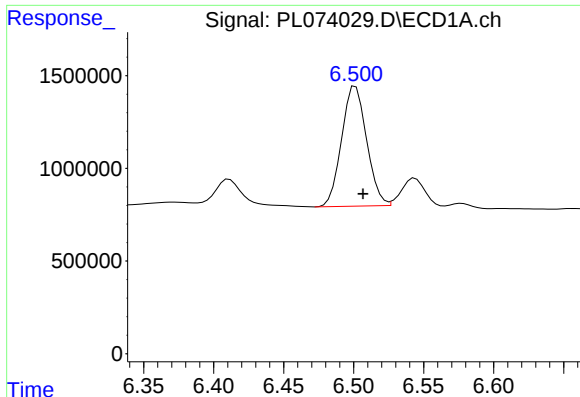
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 1704898
Conc: 3.78 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 8459480
Conc: 3.24 ng/ml



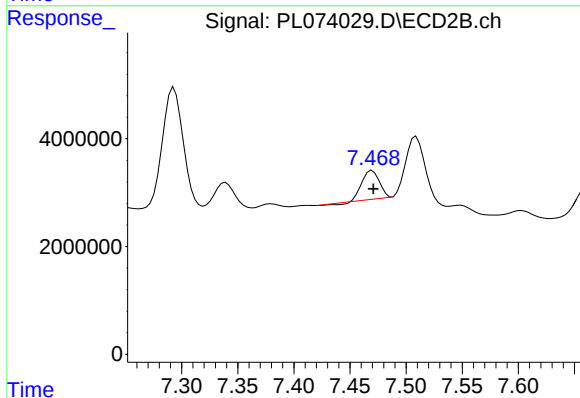
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.005 min
Response: 8056104
Conc: 19.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

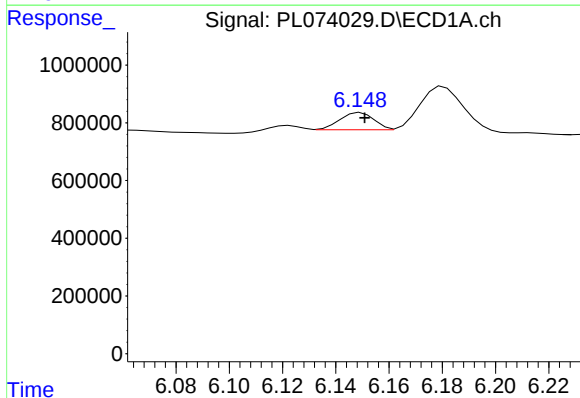
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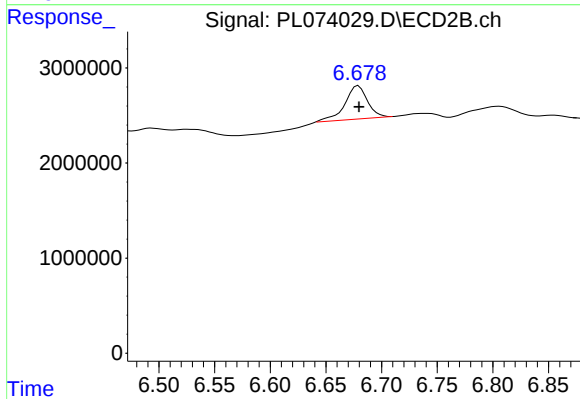
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 5460038
Conc: 2.32 ng/ml



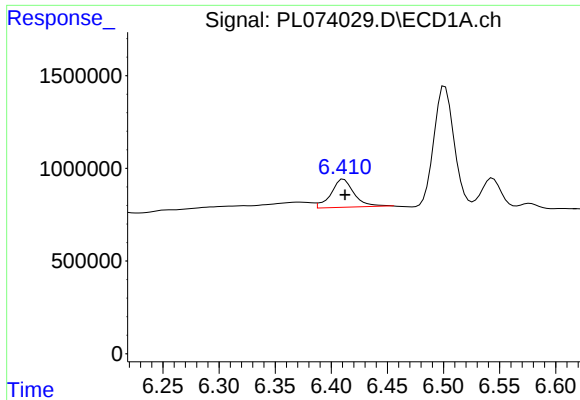
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 527610
Conc: 2.58 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 4946207
Conc: 4.39 ng/ml



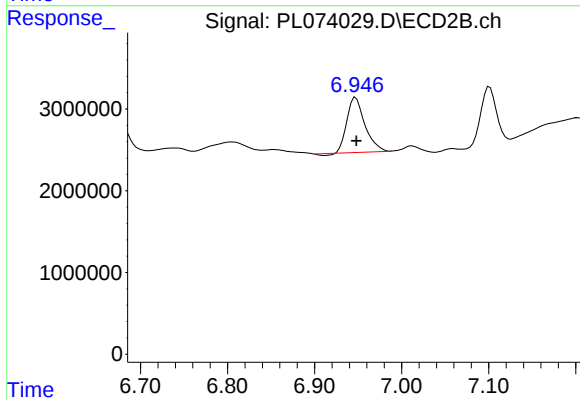
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 2181143
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

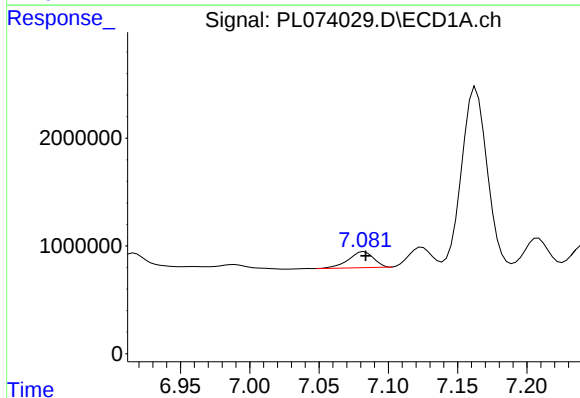
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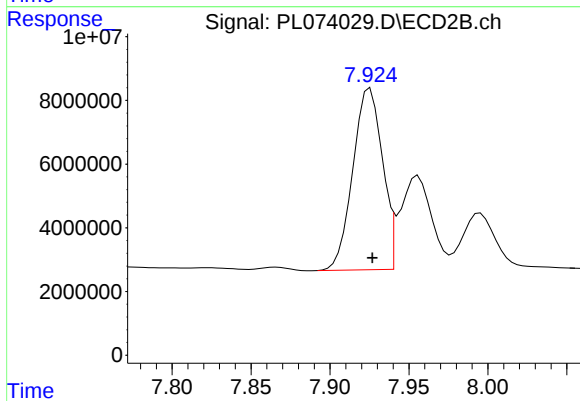
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 9530545
Conc: 3.90 ng/ml



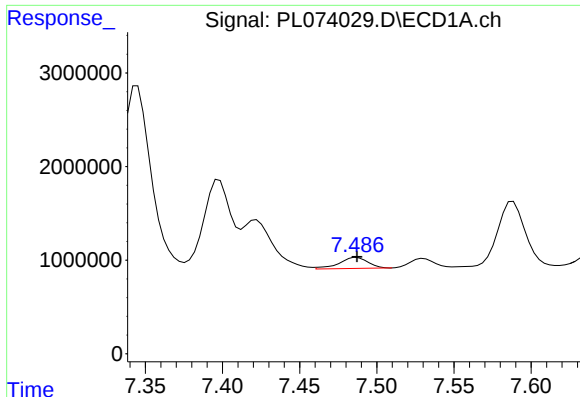
#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: -0.001 min
Response: 1874266
Conc: 4.37 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 74826803
Conc: 33.23 ng/ml m



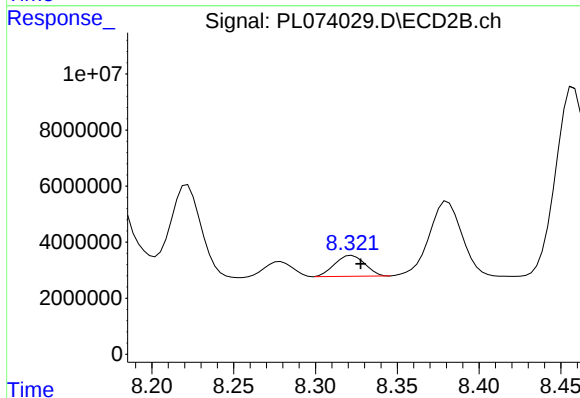
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 1541765
Conc: 3.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

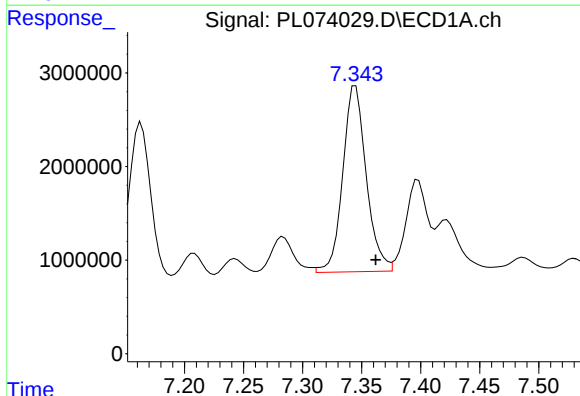
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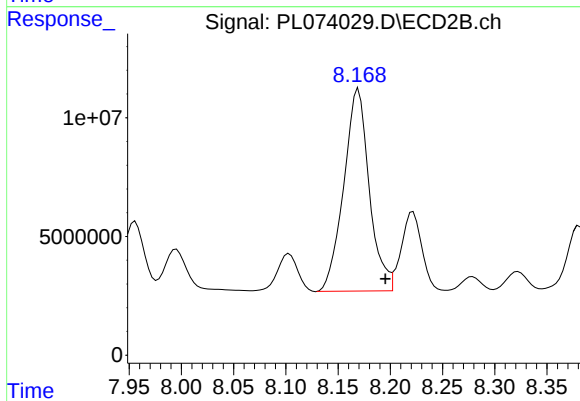
#9 Endosulfan I

R.T.: 8.322 min
Delta R.T.: -0.005 min
Response: 9547849
Conc: 4.85 ng/ml



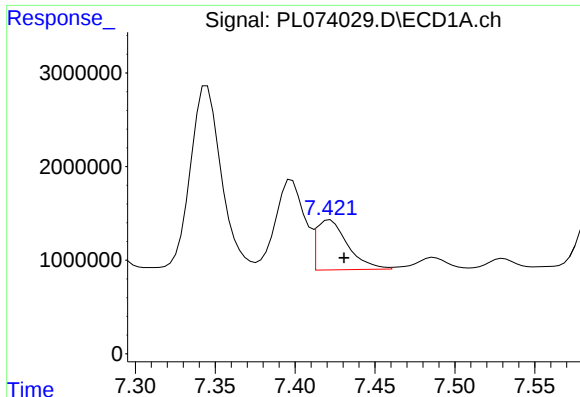
#10 gamma-Chlordane

R.T.: 7.345 min
Delta R.T.: -0.017 min
Response: 27469481
Conc: 62.63 ng/ml



#10 gamma-Chlordane

R.T.: 8.169 min
Delta R.T.: -0.026 min
Response: 144663566
Conc: 64.86 ng/ml



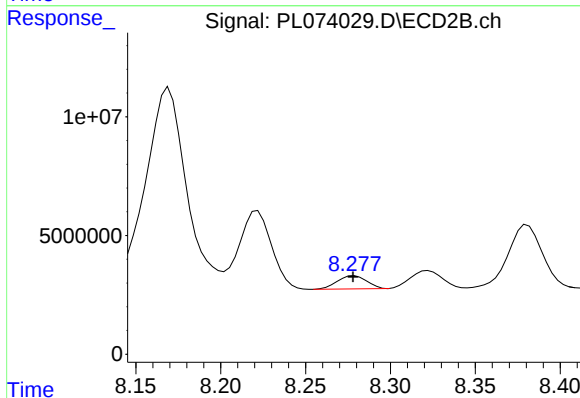
#11 alpha-Chlordane

R.T.: 7.422 min
Delta R.T.: -0.009 min
Response: 7240779
Conc: 16.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

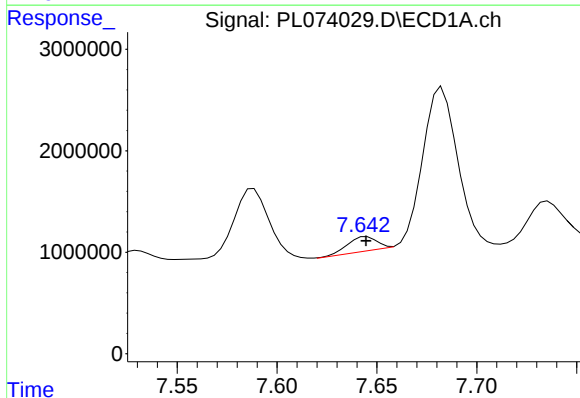
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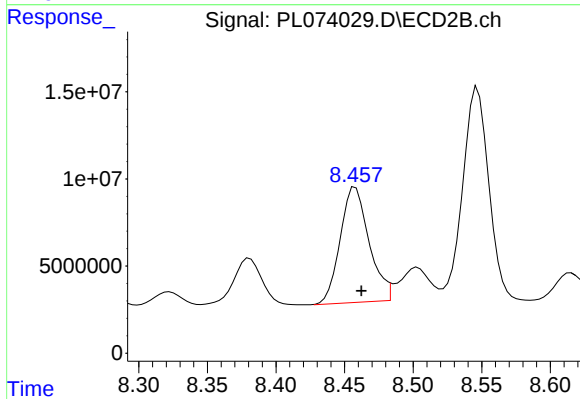
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 6685565
Conc: 3.11 ng/ml



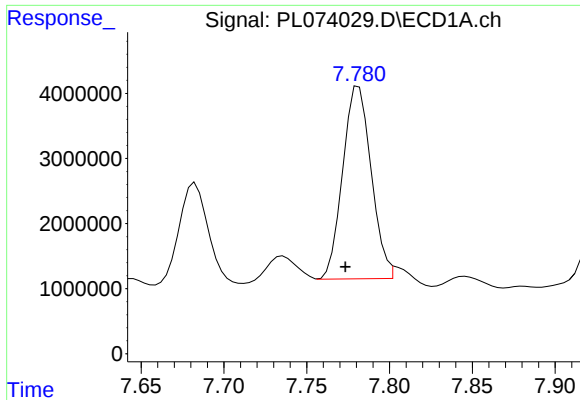
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 1510185
Conc: 4.14 ng/ml m



#12 4,4'-DDE

R.T.: 8.457 min
Delta R.T.: -0.006 min
Response: 97947666
Conc: 49.18 ng/ml m



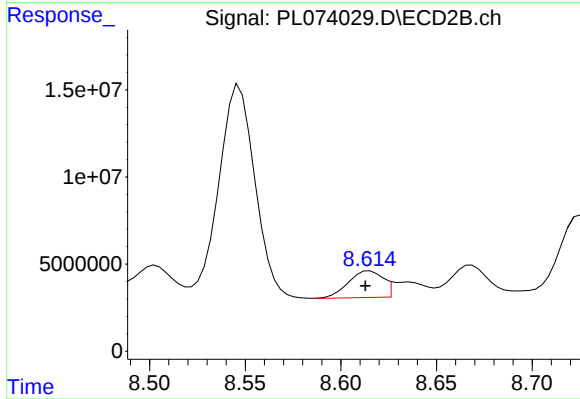
#13 Dieldrin

R.T.: 7.780 min
Delta R.T.: 0.007 min
Response: 35883384
Conc: 83.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

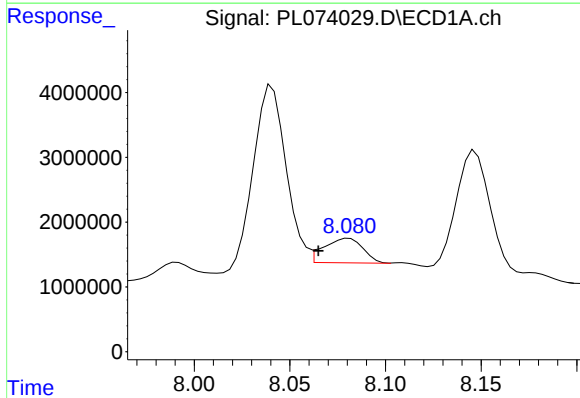
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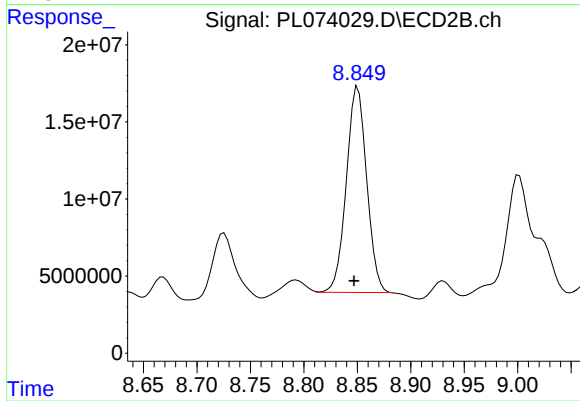
#13 Dieldrin

R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 20437061
Conc: 10.19 ng/ml m



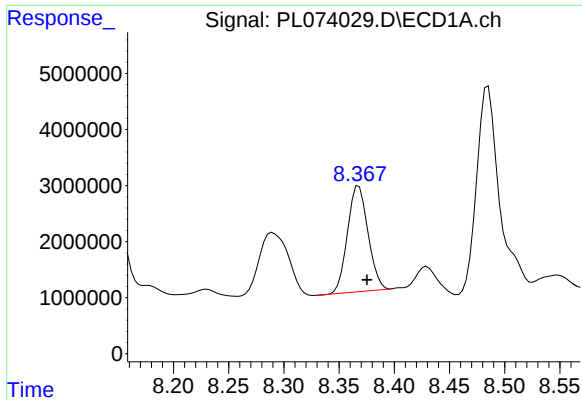
#14 Endrin

R.T.: 8.080 min
Delta R.T.: 0.015 min
Response: 5212556
Conc: 12.83 ng/ml m



#14 Endrin

R.T.: 8.849 min
Delta R.T.: 0.002 min
Response: 177188473
Conc: 104.62 ng/ml m



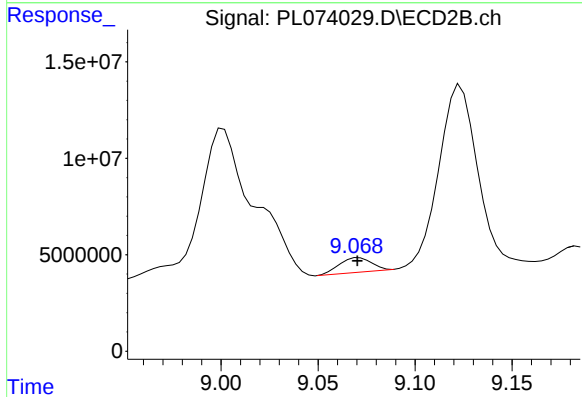
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 24361121
Conc: 59.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

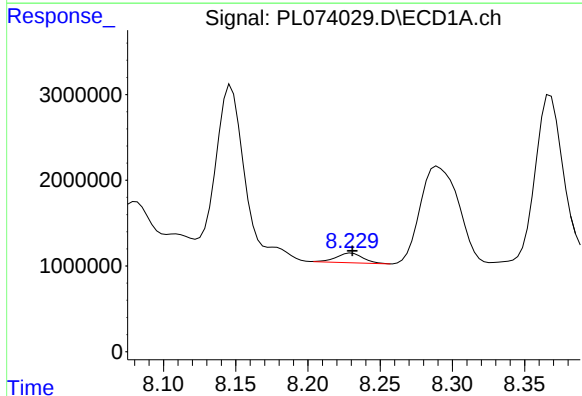
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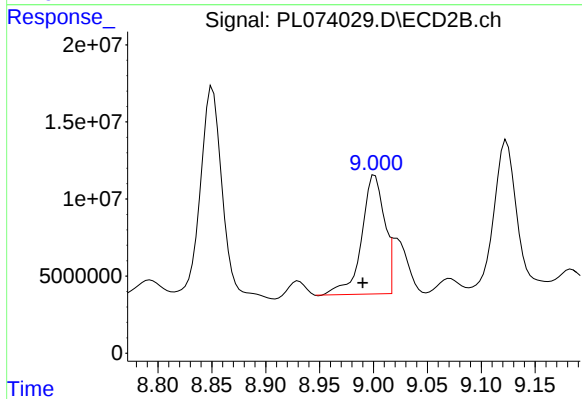
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 8708602
Conc: 5.01 ng/ml



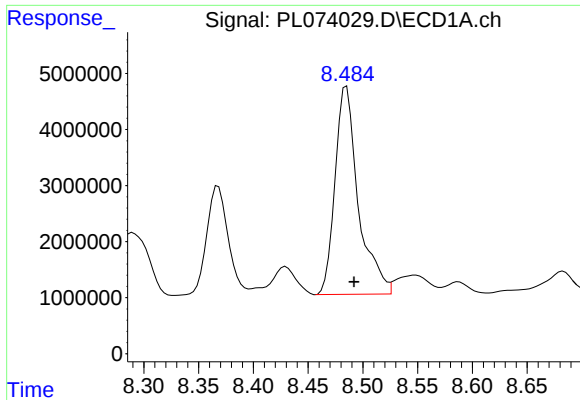
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 1451708
Conc: 4.50 ng/ml m



#16 4,4'-DDD

R.T.: 9.000 min
Delta R.T.: 0.010 min
Response: 115393468
Conc: 75.00 ng/ml m



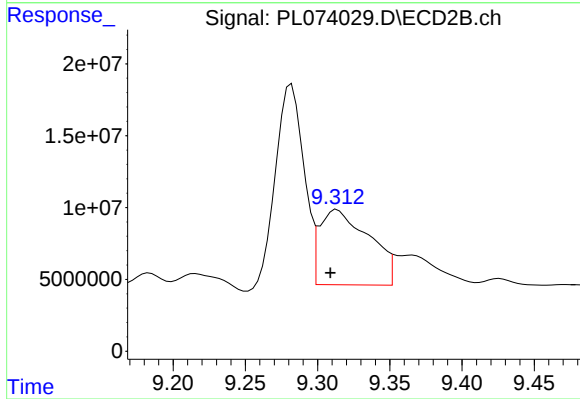
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 54696092
Conc: 147.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

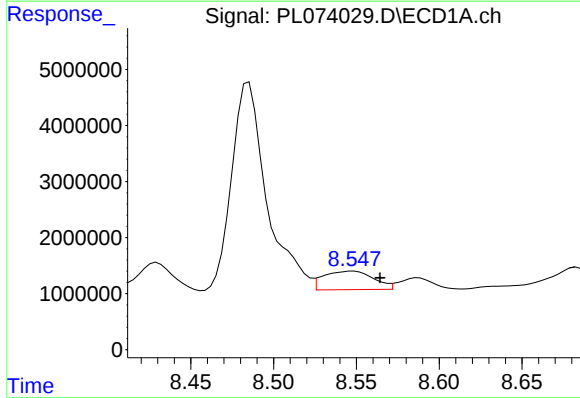
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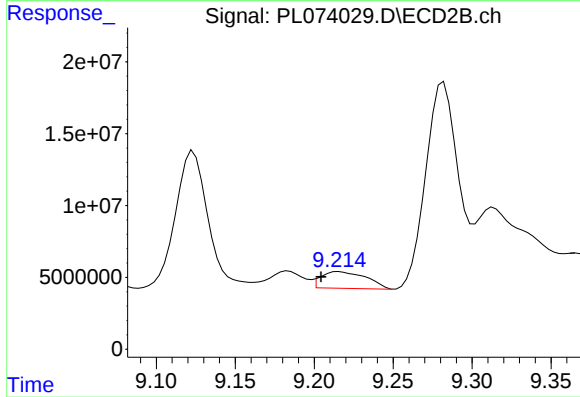
#17 4,4'-DDT

R.T.: 9.312 min
Delta R.T.: 0.003 min
Response: 119883219
Conc: 67.63 ng/ml m



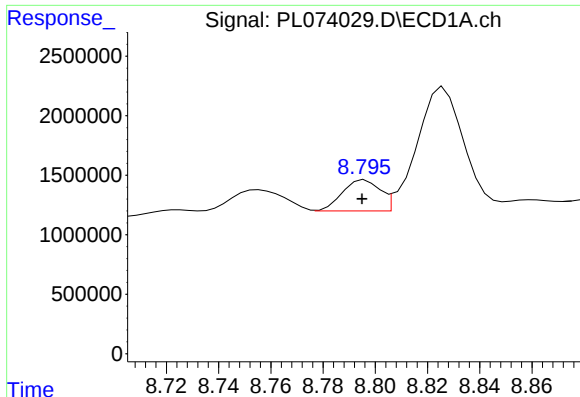
#18 Endrin aldehyde

R.T.: 8.548 min
Delta R.T.: -0.016 min
Response: 6928137
Conc: 21.41 ng/ml



#18 Endrin aldehyde

R.T.: 9.214 min
Delta R.T.: 0.010 min
Response: 22688610
Conc: 17.57 ng/ml m



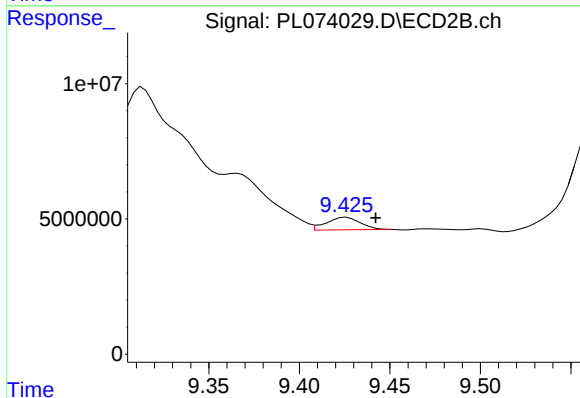
#19 Endosulfan Sulfate

R.T.: 8.795 min
Delta R.T.: 0.000 min
Response: 2852514
Conc: 6.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

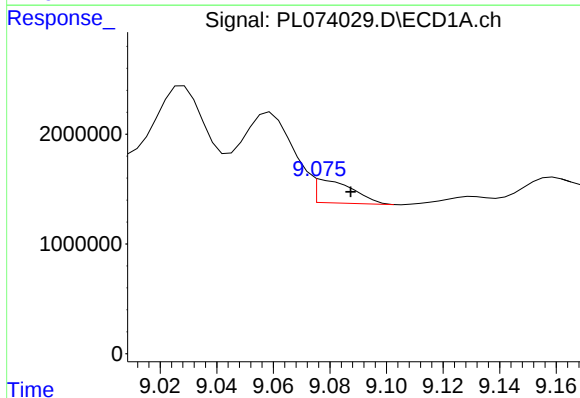
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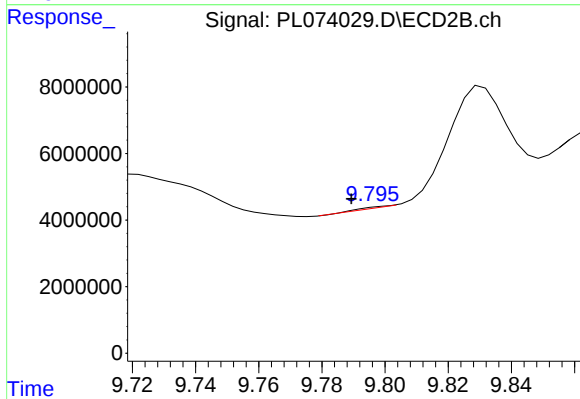
#19 Endosulfan Sulfate

R.T.: 9.425 min
Delta R.T.: -0.018 min
Response: 5907386
Conc: 3.55 ng/ml m



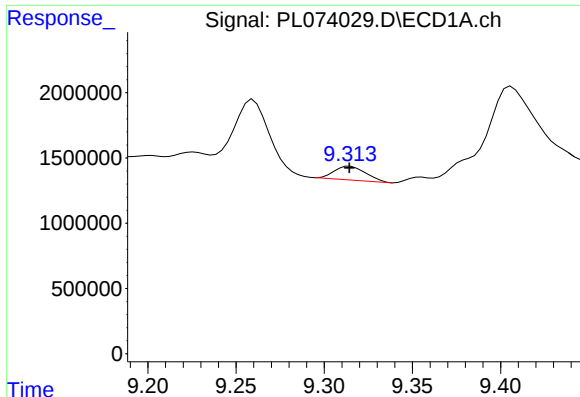
#20 Methoxychlor

R.T.: 9.075 min
Delta R.T.: -0.012 min
Response: 1836191
Conc: 7.40 ng/ml m



#20 Methoxychlor

R.T.: 9.795 min
Delta R.T.: 0.006 min
Response: 288309
Conc: 0.30 ng/ml m



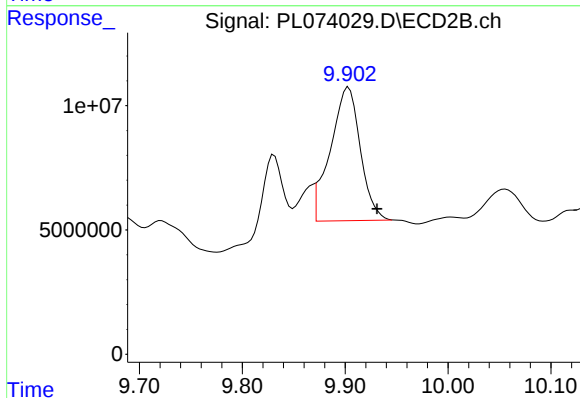
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.001 min
Response: 1267494
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

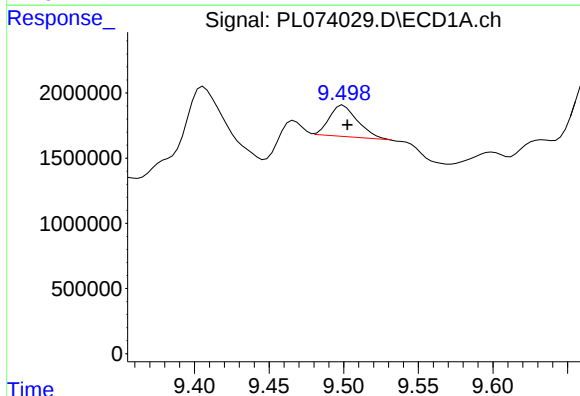
Manual Integrations
APPROVED

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



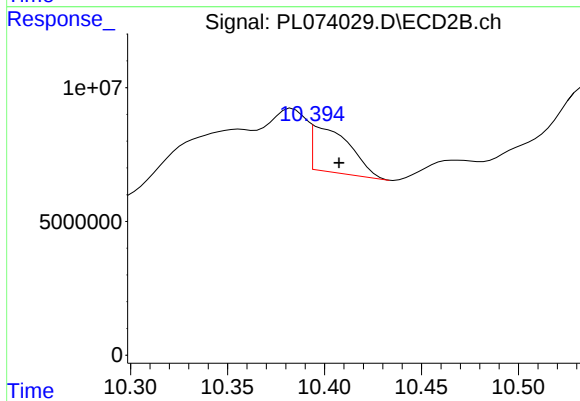
#21 Endrin ketone

R.T.: 9.902 min
Delta R.T.: -0.029 min
Response: 107584439
Conc: 62.15 ng/ml m



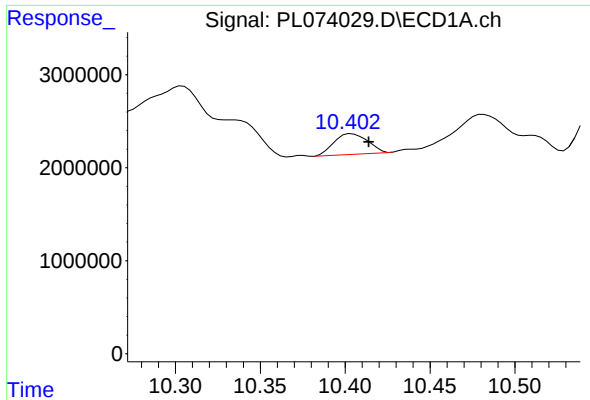
#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.004 min
Response: 3144436
Conc: 6.74 ng/ml m



#22 Mirex

R.T.: 10.394 min
Delta R.T.: -0.014 min
Response: 21913654
Conc: 15.91 ng/ml m



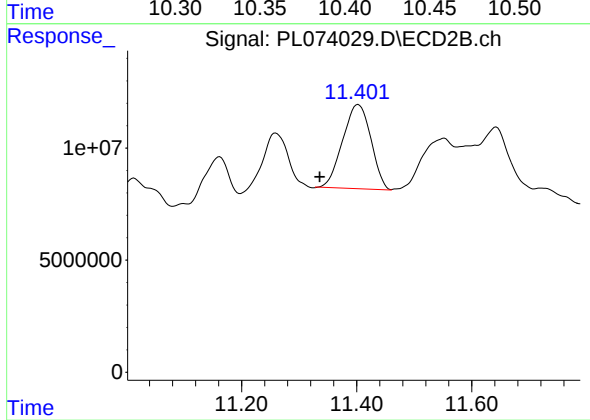
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 3078453
Conc: 5.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
DEL-7

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.401 min
Delta R.T.: 0.065 min
Response: 128612279
Conc: 72.81 ng/ml m