

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074033.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2022 23:34
 Operator : AR\AJ
 Sample : PB144026BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144026BS

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 00:45:38 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...	4.637	5.491	6478267	32164489	20.050	18.040
2)	SA Decachlor...	10.411	11.333	8549093	28879956	16.440	16.351m
Target Compounds							
2)	A alpha-BHC	5.346	6.054	22470117	131.4E6	53.543	52.195
3)	MA gamma-BHC...	5.770	6.443	21732399	113.4E6	51.818	47.924
4)	MA Heptachlor	6.181	7.102	20940379	103.4E6	46.487	39.652
5)	MB Aldrin	6.506	7.470	22203943	107.7E6	53.497	45.856
6)	B beta-BHC	6.150	6.680	10431941	49535073	51.055	43.952
7)	B delta-BHC	6.411	6.947	21745529	108.8E6	52.567	44.543
8)	B Heptachlo...	7.083	7.926	21853555	102.4E6	50.948	45.490
9)	A Endosulfan I	7.486	8.326	20442373	82045645	49.845	41.676m
10)	B gamma-Chl...	7.360	8.193	23156042	93449631	52.797	41.899m
11)	B alpha-Chl...	7.430	8.276	22424591	90593318	50.760	42.086m
12)	B 4,4'-DDE	7.644	8.462	18692936	84091081	51.239	42.221
13)	MA Dieldrin	7.772	8.612	22726359	84784772	52.905	42.281
14)	MA Endrin	8.063	8.845	18989953	69465462	46.746	41.015m
15)	B Endosulfa...	8.374	9.071	20015298	69421328	48.562	39.961
16)	A 4,4'-DDD	8.229	8.988	18701344	72324575	57.912	47.007m
17)	MA 4,4'-DDT	8.491	9.306	12066153	46595496	32.643	26.286m
18)	B Endrin al...	8.563	9.203	16899746	57539640	52.232	44.548
19)	B Endosulfa...	8.794	9.441	19867051	62368564	46.525	37.474
20)	A Methoxychlor	9.086	9.786	8205846	46734491	33.052	48.588m#
21)	B Endrin ke...	9.311	9.928	23791786	74597202	48.699m	43.096m
22)	Mirex	9.500	10.406	21028918	62242794	45.087	45.188

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
Data File : PL074033.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2022 23:34
Operator : AR\AJ
Sample : PB144026BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

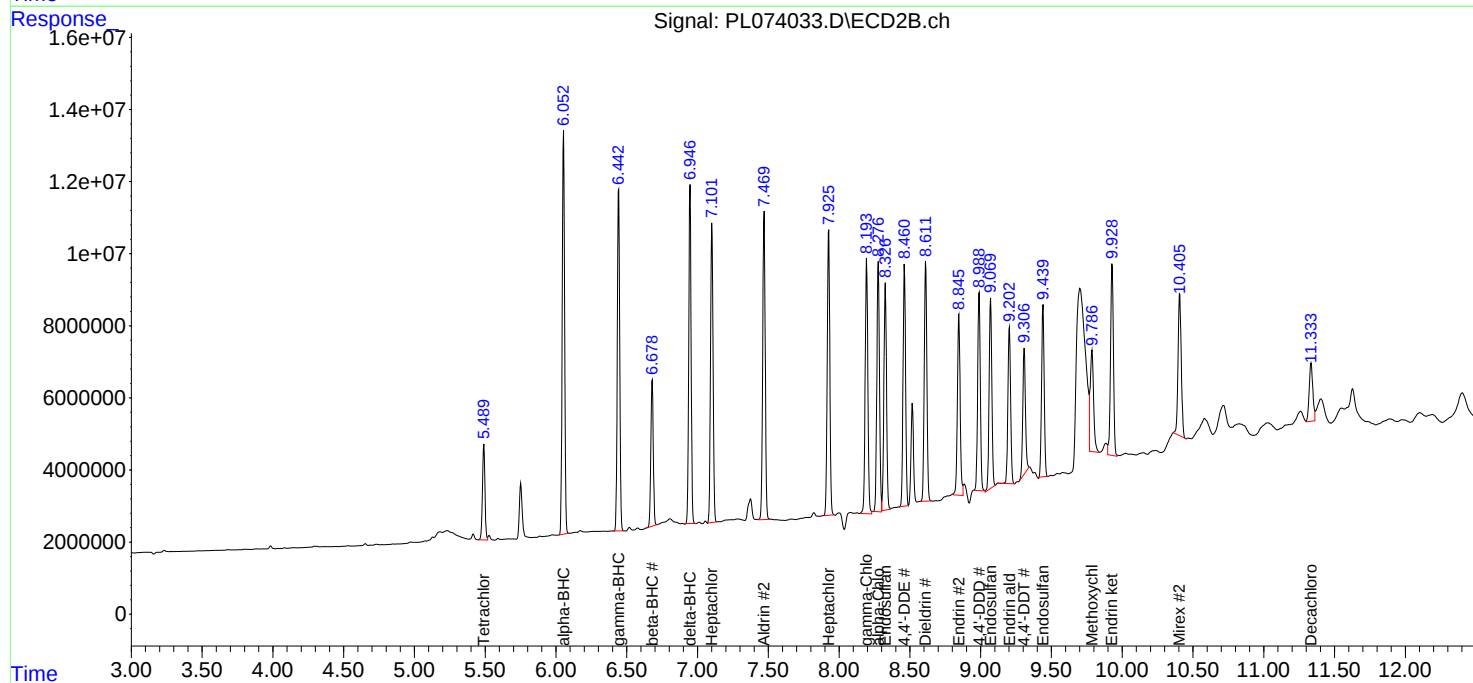
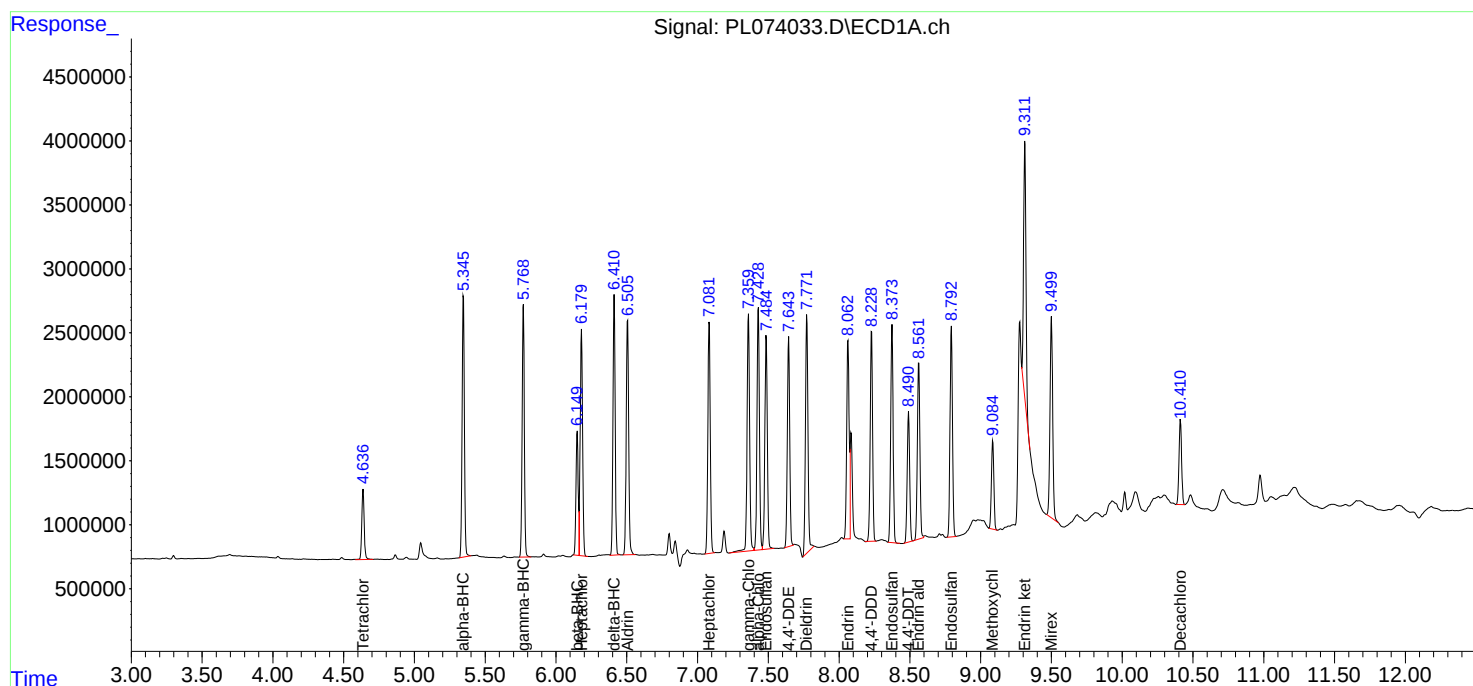
Instrument :
ECD_L
ClientSampleId :
PB144026BS

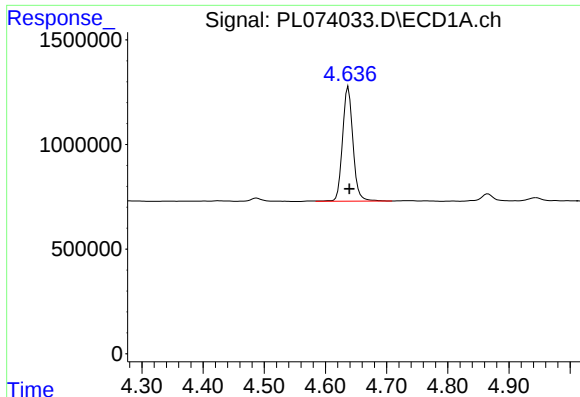
Manual Integrations
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Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 00:45:38 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Fri Apr 08 15:48:40 2022
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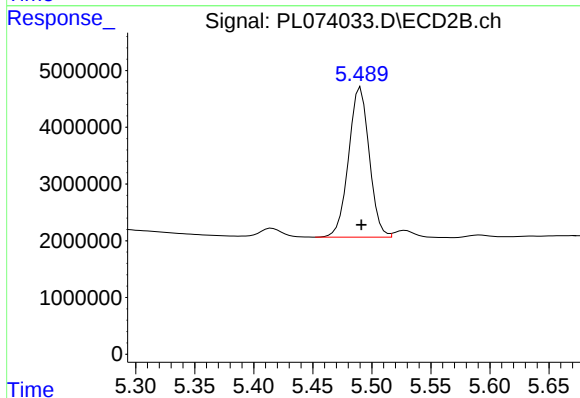
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 6478267
Conc: 20.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

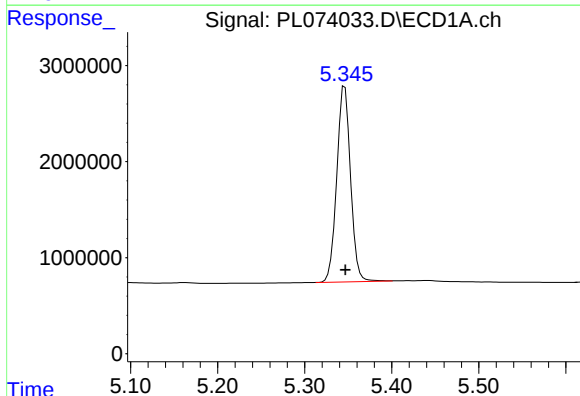
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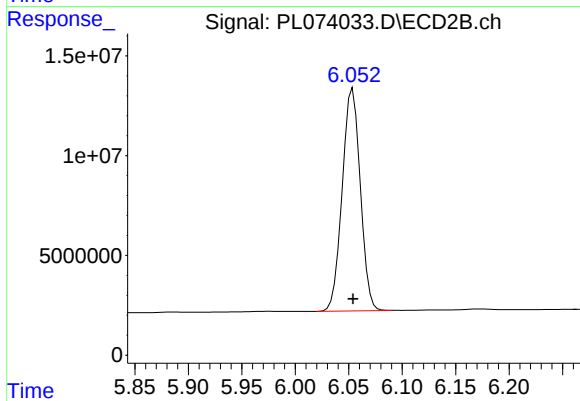
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 32164489
Conc: 18.04 ng/ml



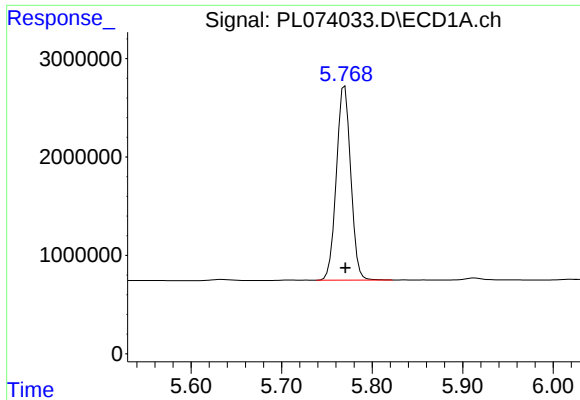
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 22470117
Conc: 53.54 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 131431529
Conc: 52.19 ng/ml



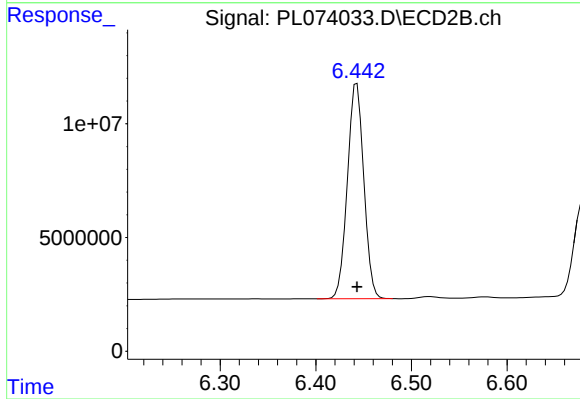
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 21732399
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

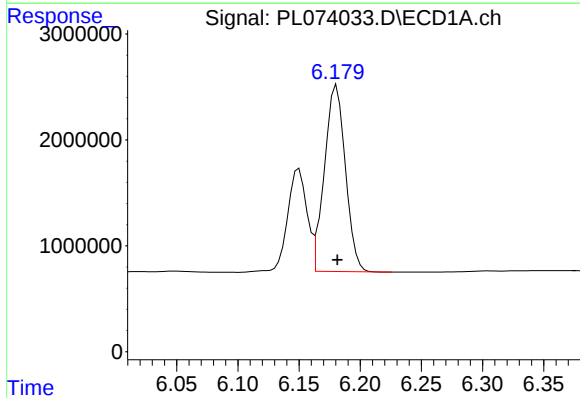
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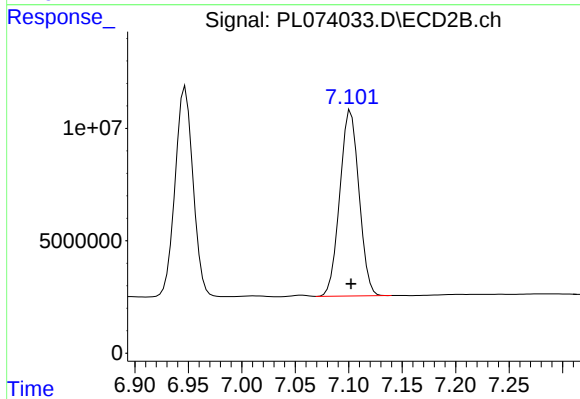
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 113442785
Conc: 47.92 ng/ml



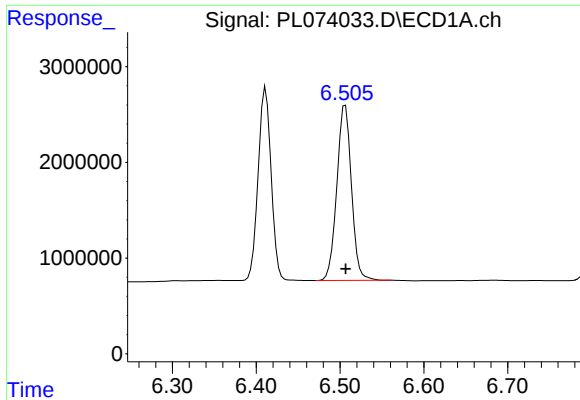
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 20940379
Conc: 46.49 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 103428576
Conc: 39.65 ng/ml



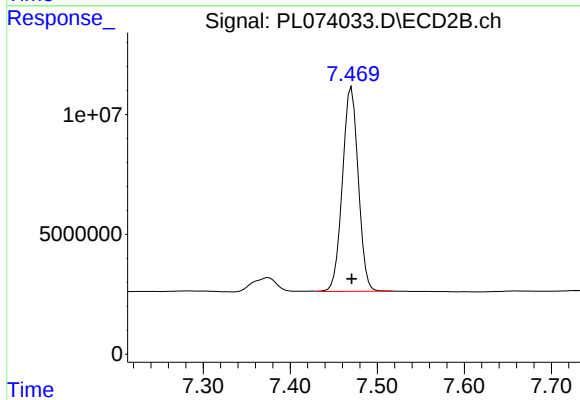
#5 Aldrin

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 22203943
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

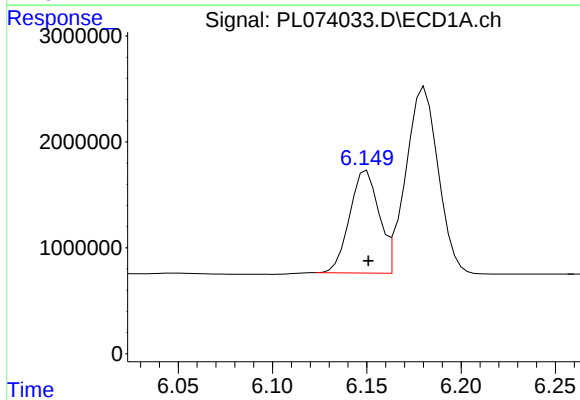
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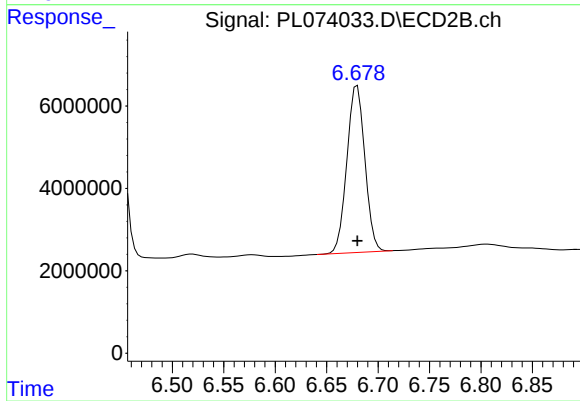
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 107697879
Conc: 45.86 ng/ml



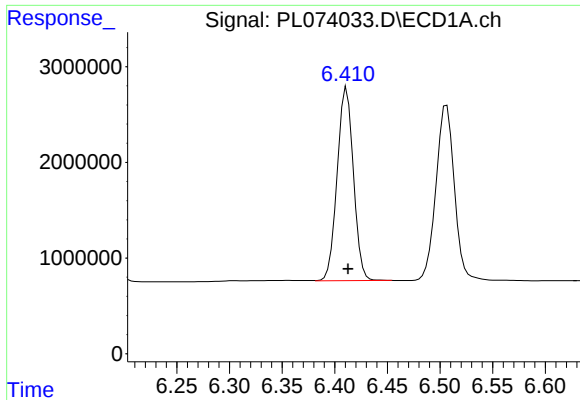
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 10431941
Conc: 51.06 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 49535073
Conc: 43.95 ng/ml



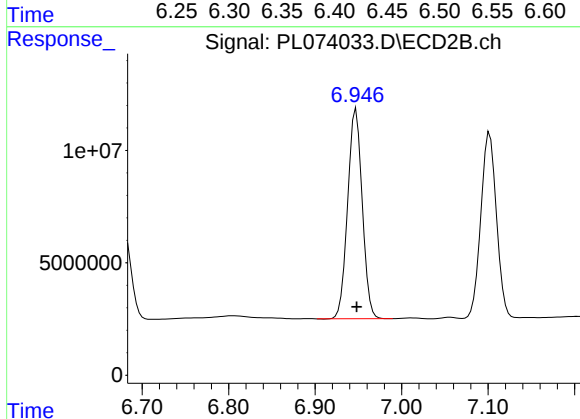
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 21745529
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

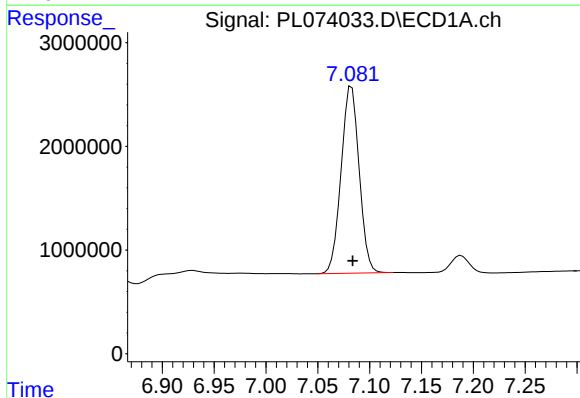
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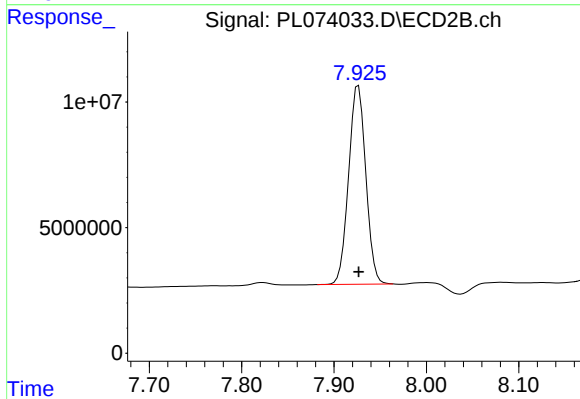
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 108786115
Conc: 44.54 ng/ml



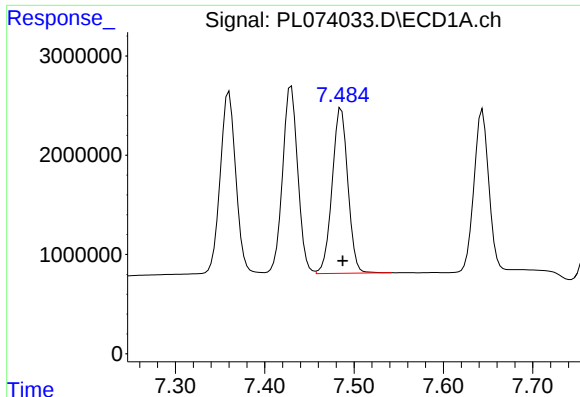
#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: -0.001 min
Response: 21853555
Conc: 50.95 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 102423565
Conc: 45.49 ng/ml



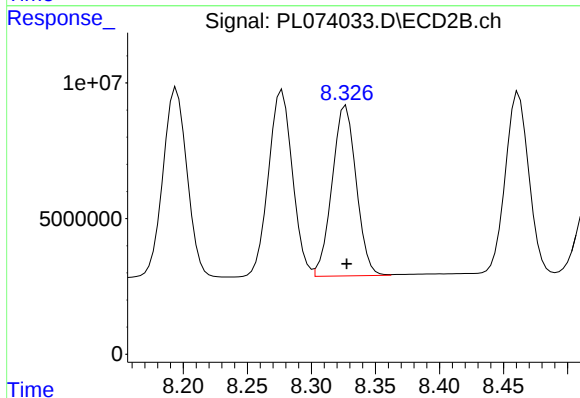
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 20442373
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

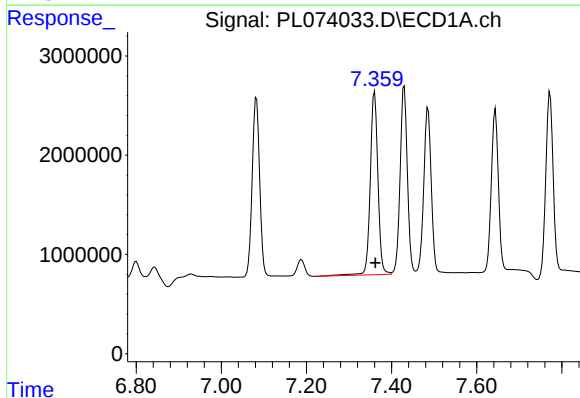
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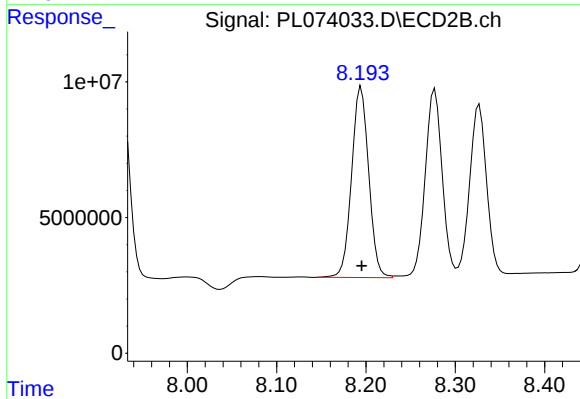
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 82045645
Conc: 41.68 ng/ml m



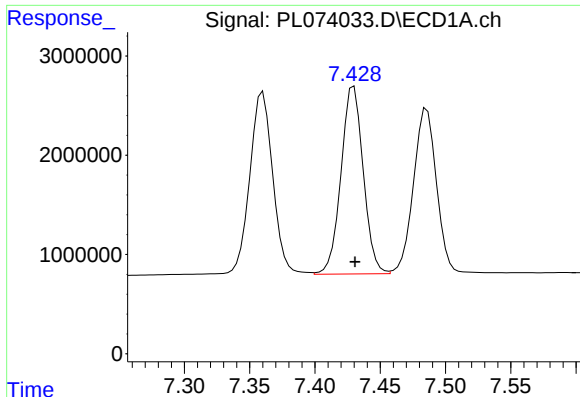
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 23156042
Conc: 52.80 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 93449631
Conc: 41.90 ng/ml m



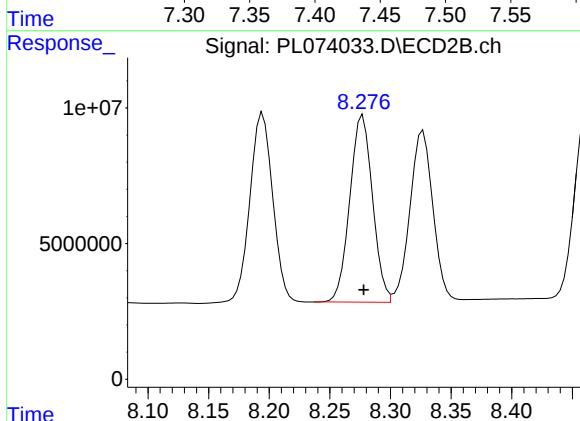
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 22424591
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

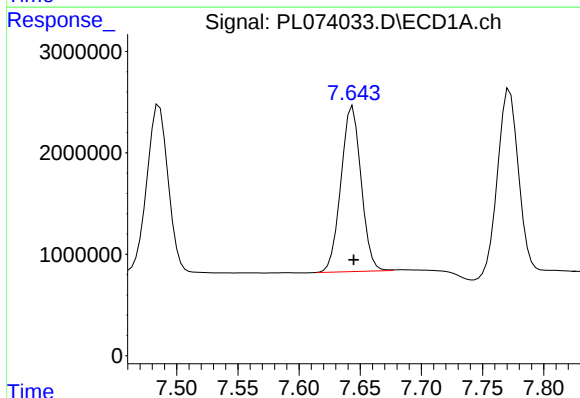
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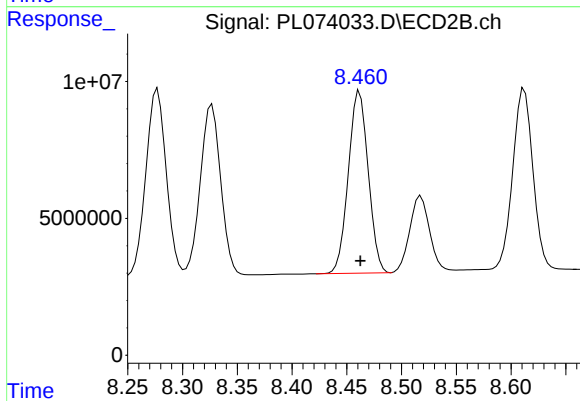
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 90593318
Conc: 42.09 ng/ml m



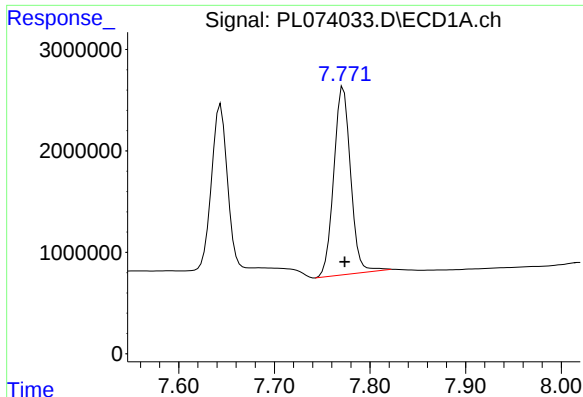
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 18692936
Conc: 51.24 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 84091081
Conc: 42.22 ng/ml



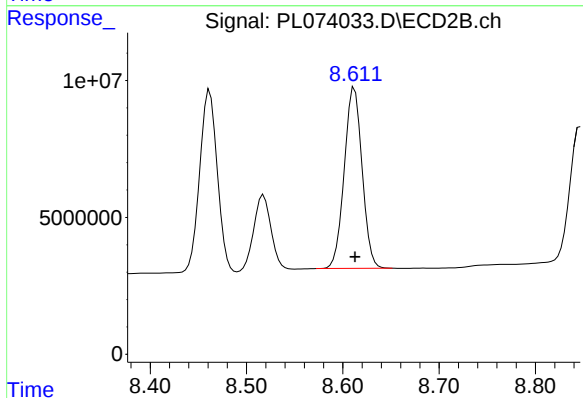
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 22726359
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

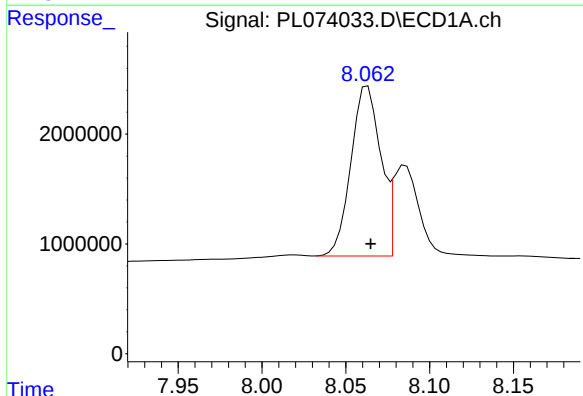
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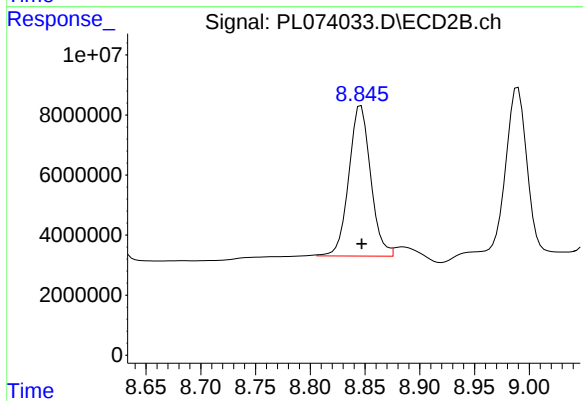
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 84784772
Conc: 42.28 ng/ml



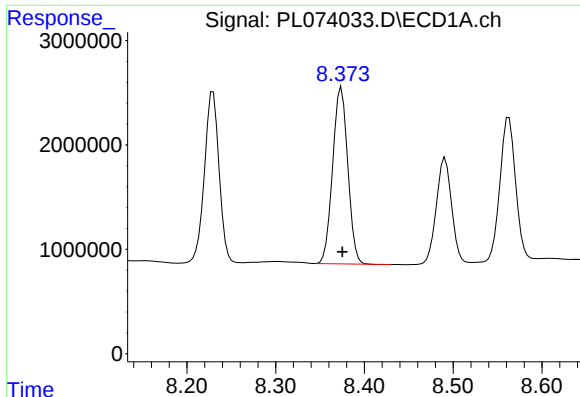
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 18989953
Conc: 46.75 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 69465462
Conc: 41.01 ng/ml m



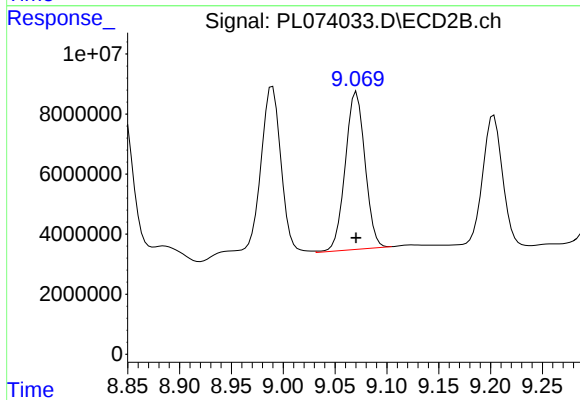
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: -0.001 min
Response: 20015298
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

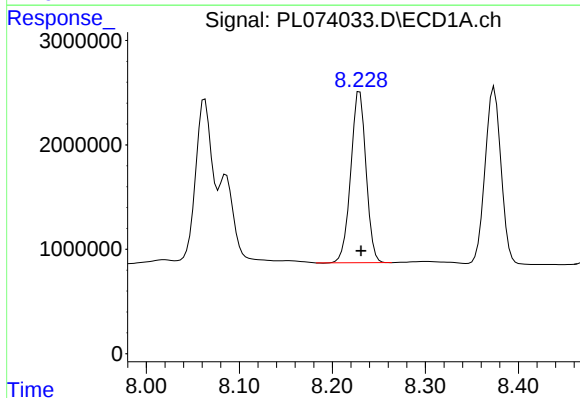
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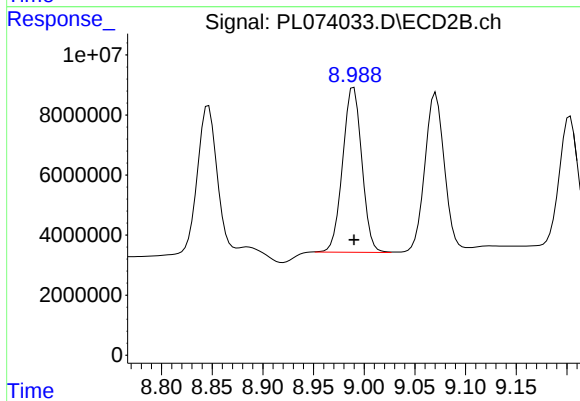
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 69421328
Conc: 39.96 ng/ml



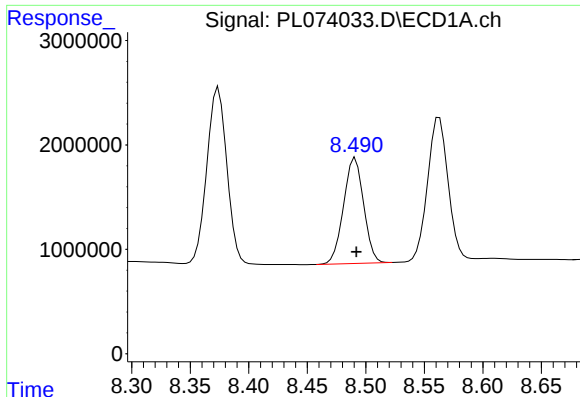
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.001 min
Response: 18701344
Conc: 57.91 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 72324575
Conc: 47.01 ng/ml m



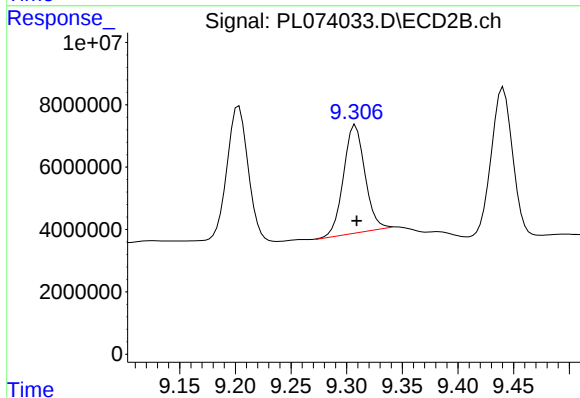
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 12066153
Conc: 32.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

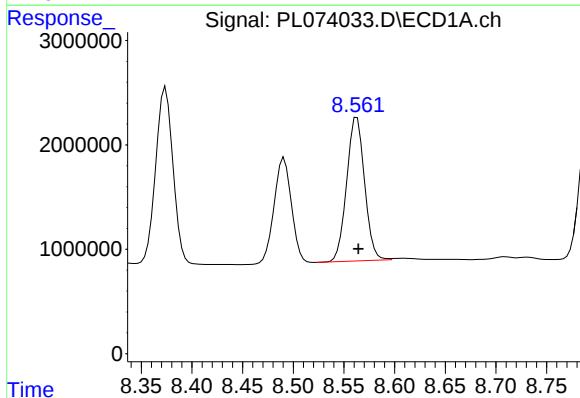
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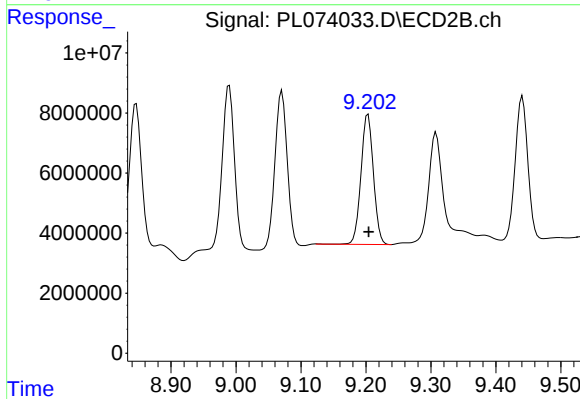
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 46595496
Conc: 26.29 ng/ml m



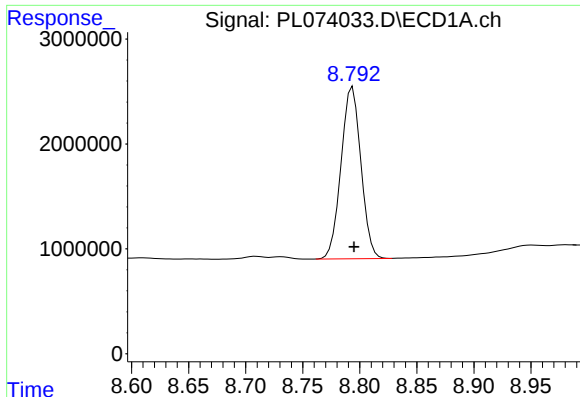
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.002 min
Response: 16899746
Conc: 52.23 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 57539640
Conc: 44.55 ng/ml



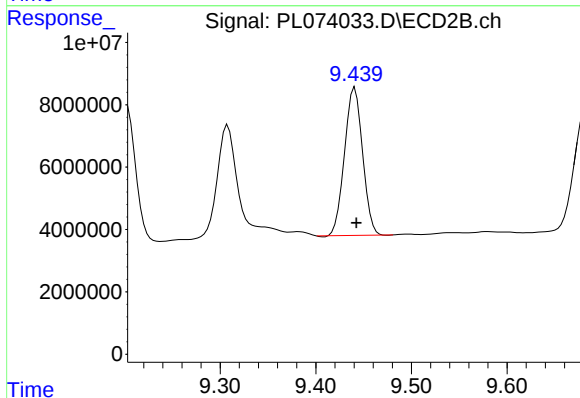
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: -0.001 min
Response: 19867051
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

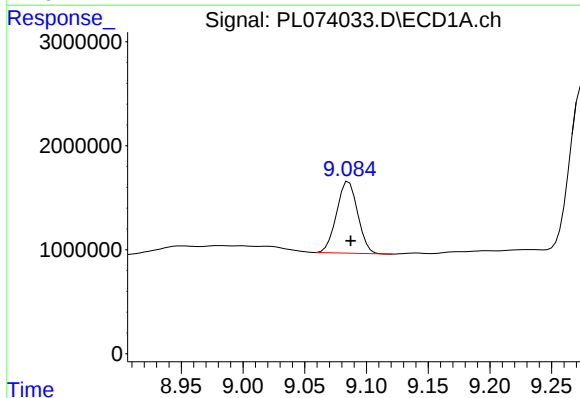
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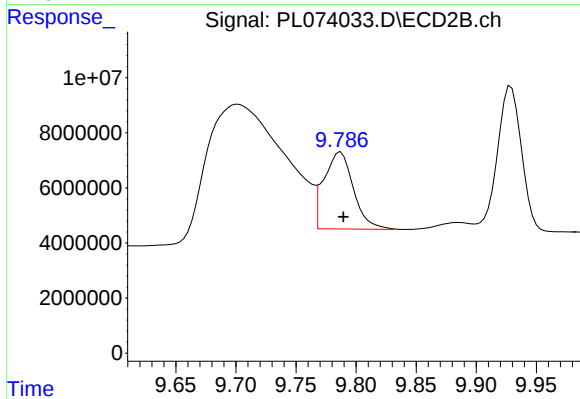
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 62368564
Conc: 37.47 ng/ml



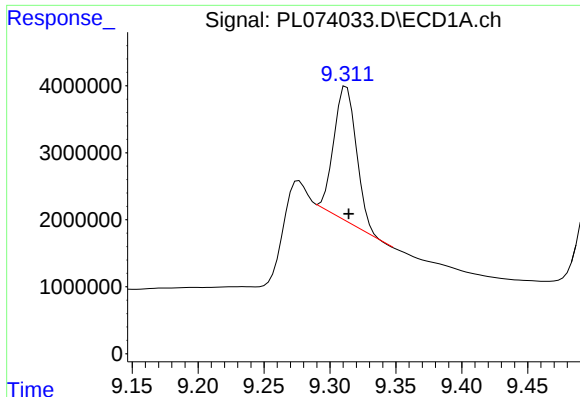
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 8205846
Conc: 33.05 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 46734491
Conc: 48.59 ng/ml m



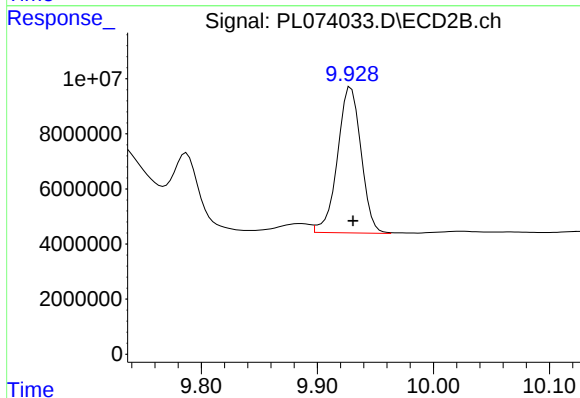
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 23791786
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

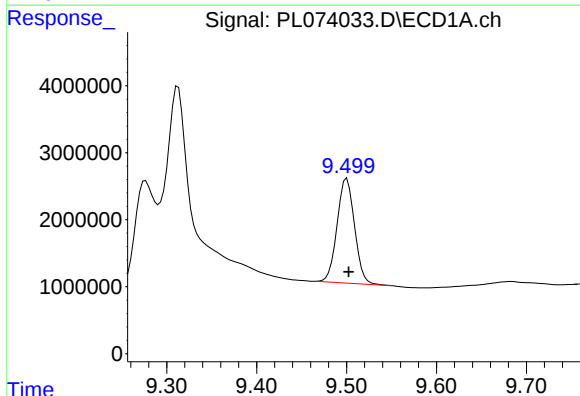
Manual Integrations
APPROVED

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



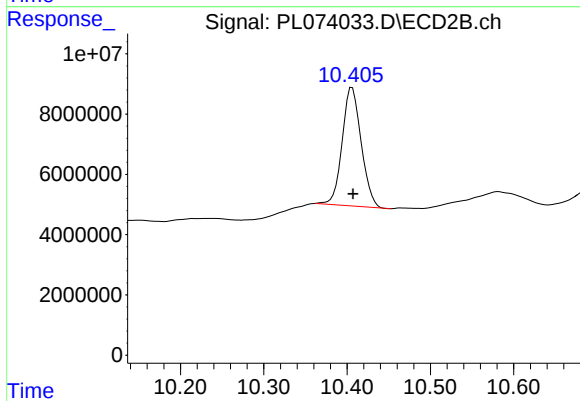
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 74597202
Conc: 43.10 ng/ml m



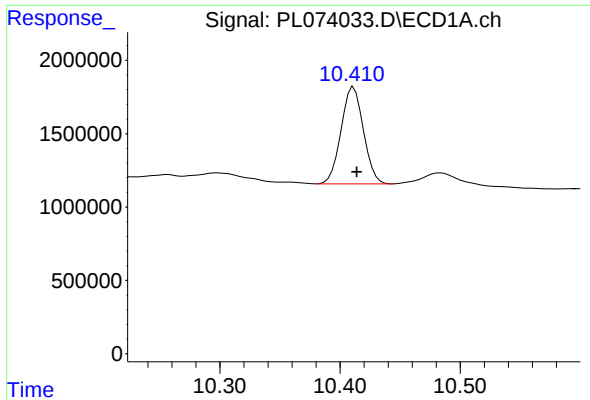
#22 Mirex

R.T.: 9.500 min
Delta R.T.: -0.002 min
Response: 21028918
Conc: 45.09 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.001 min
Response: 62242794
Conc: 45.19 ng/ml



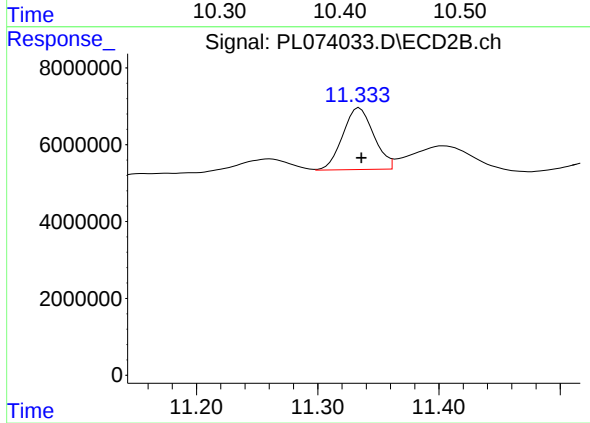
#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.002 min
Response: 8549093
Conc: 16.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 28879956
Conc: 16.35 ng/ml m