

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2022 13:06
 Operator : AR\AJ
 Sample : N2257-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/13/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 16:36:04 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	5.489	6338762	29949009	19.618	16.797
2)	SA Decachlor...	10.410	11.318f	12675529	59313312	24.375	33.581 #
Target Compounds							
2)	A alpha-BHC	5.346	6.053	22058699	114.8E6	52.563	45.606
3)	MA gamma-BHC...	5.768	6.441	25693953	105.6E6	61.264	44.627m#
4)	MA Heptachlor	6.180	7.101	20044482	97911272	44.498	37.537
5)	MB Aldrin	6.505	7.469	20861847	100.6E6	50.264	42.840
6)	B beta-BHC	6.150	6.678	10139684	46198882	49.625	40.992
7)	B delta-BHC	6.411	6.946	21443055	103.0E6	51.836	42.190
8)	B Heptachlo...	7.082	7.926	20267334	87657356	47.250	38.932
9)	A Endosulfan I	7.486	8.326	16033612	82289834	39.095	41.800
10)	B gamma-Chl...	7.360	8.194	24209445	122.1E6	55.198	54.756
11)	B alpha-Chl...	7.430	8.277	22285527	102.0E6	50.446	47.400
12)	B 4,4'-DDE	7.644	8.462	19289940	73856555	52.876	37.082 #
13)	MA Dieldrin	7.773	8.611	26600670	88064106	61.924	43.916 #
14)	MA Endrin	8.063	8.846	20630368	79515041	50.784	46.949
15)	B Endosulfa...	8.375	9.069	20035762	67247814	48.612	38.710
16)	A 4,4'-DDD	8.229	8.987	15530260	81820267	48.092m	53.178
17)	MA 4,4'-DDT	8.490	9.307	18591703	80615387	50.297	45.477
18)	B Endrin al...	8.563	9.202	14059220	61571195	43.453	47.670
19)	B Endosulfa...	8.793	9.440	20411525	68358389	47.800	41.073
20)	A Methoxychlor	9.088	9.788	8869187	56352301	35.724	58.588 #
21)	B Endrin ke...	9.312	9.927	19388130	79198129	39.685	45.754
22)	Mirex	9.499	10.404	17702323	62613718	37.955m	45.458m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2022 13:06
 Operator : AR\AJ
 Sample : N2257-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

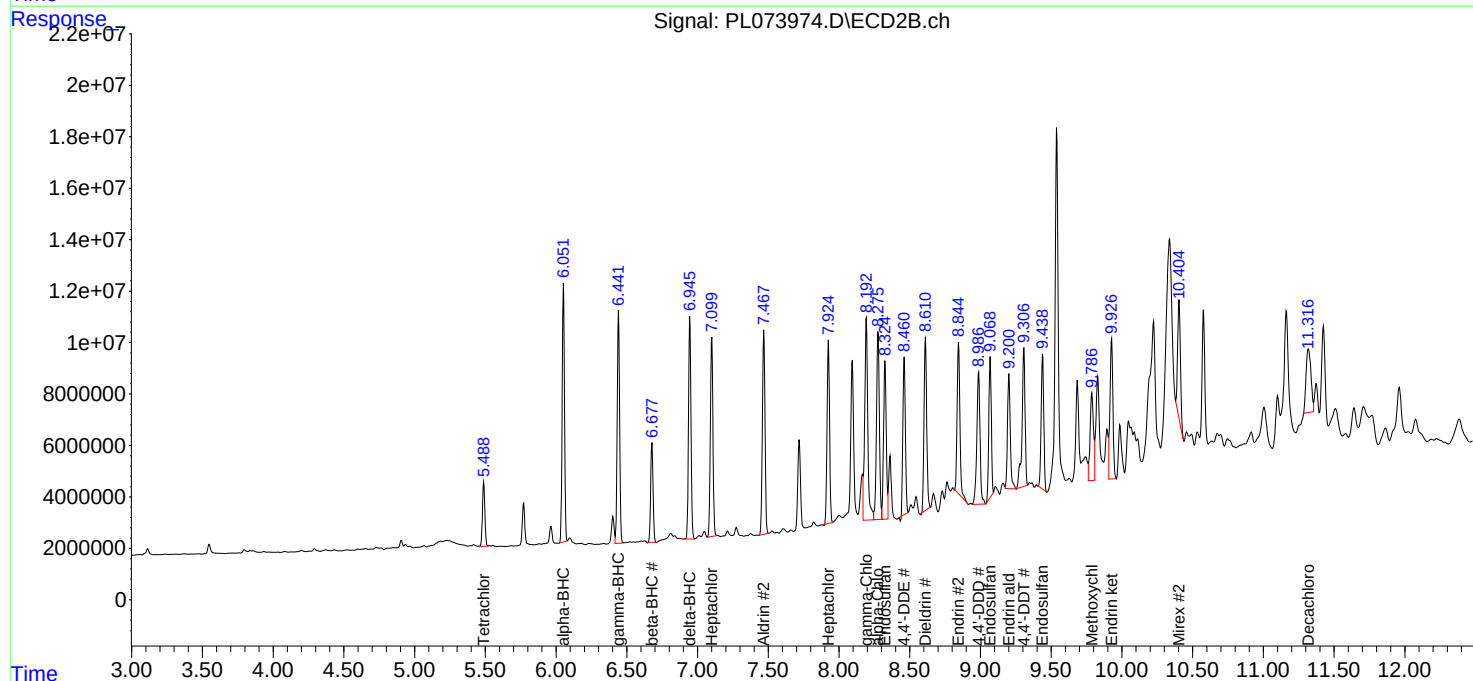
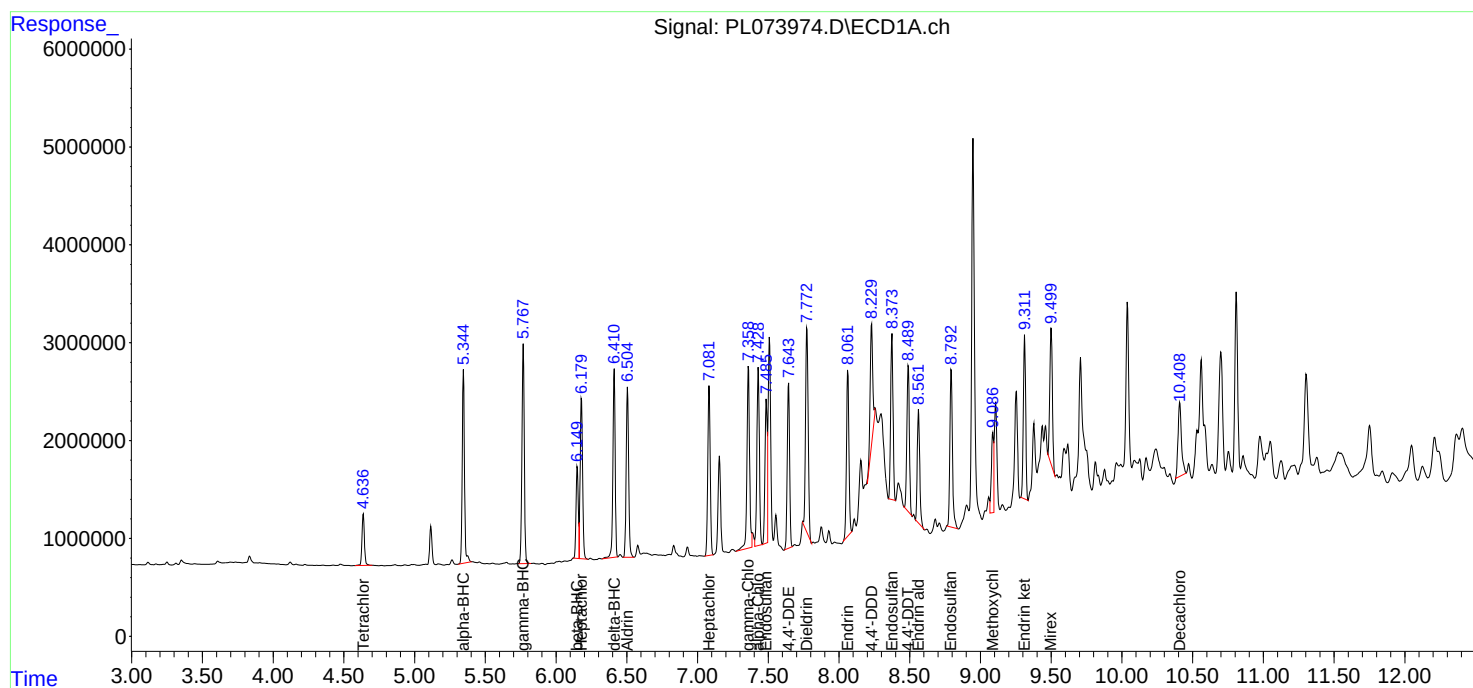
Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

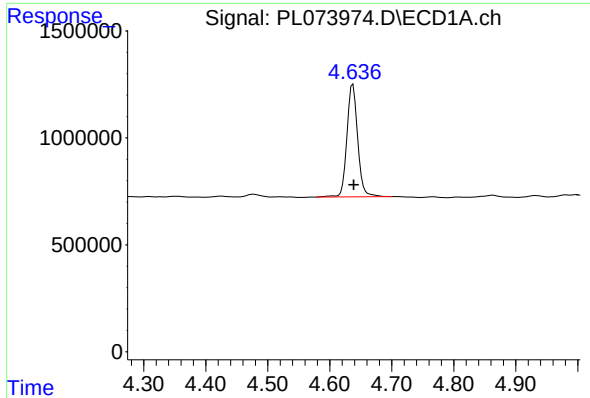
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/13/2022
 Supervised By : mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 16:36:04 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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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





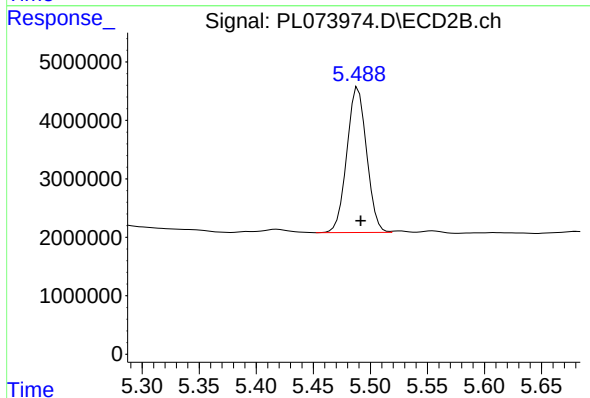
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 6338762
Conc: 19.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

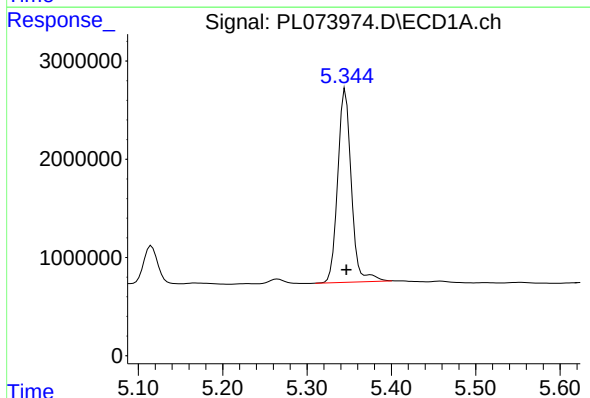
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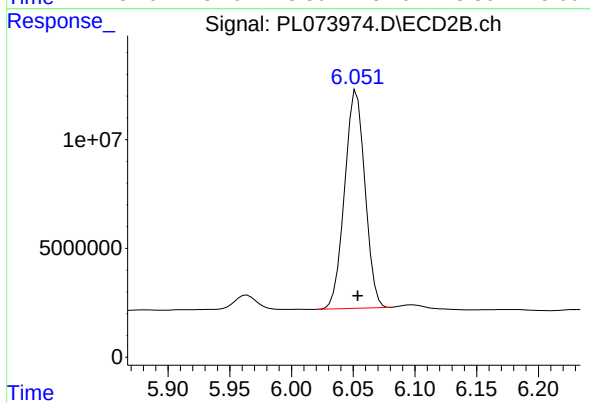
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 29949009
Conc: 16.80 ng/ml



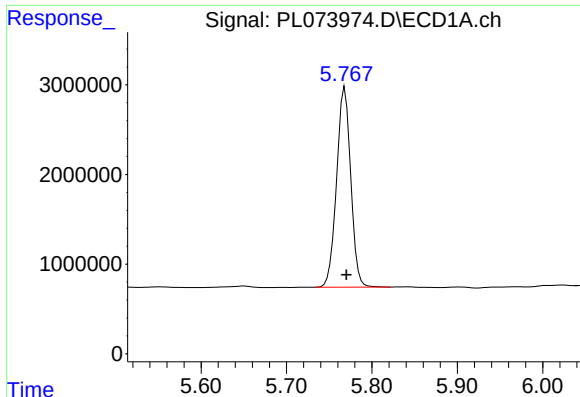
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 22058699
Conc: 52.56 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 114838971
Conc: 45.61 ng/ml



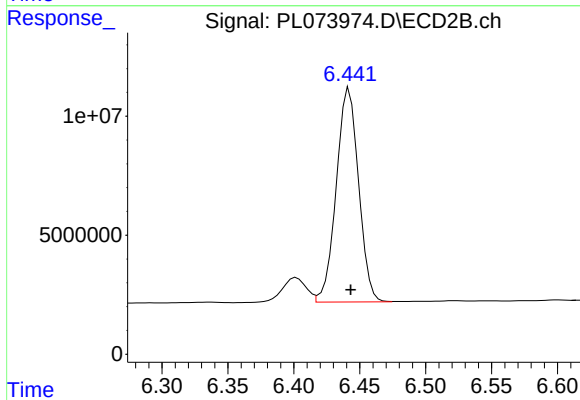
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 25693953
Conc: 61.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

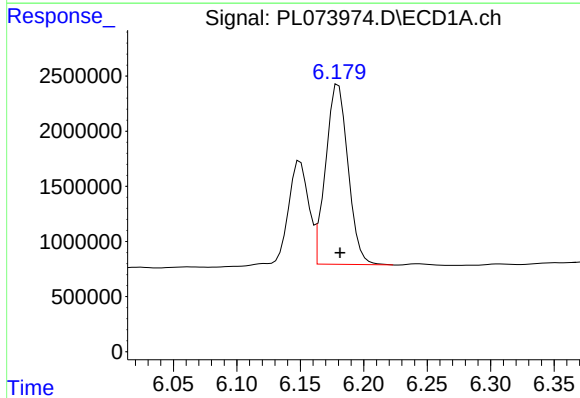
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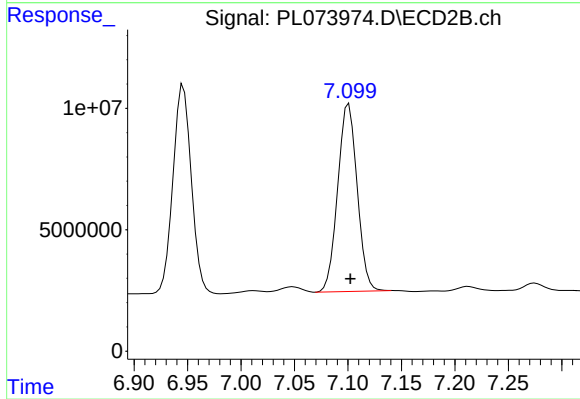
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 105637086
Conc: 44.63 ng/ml m



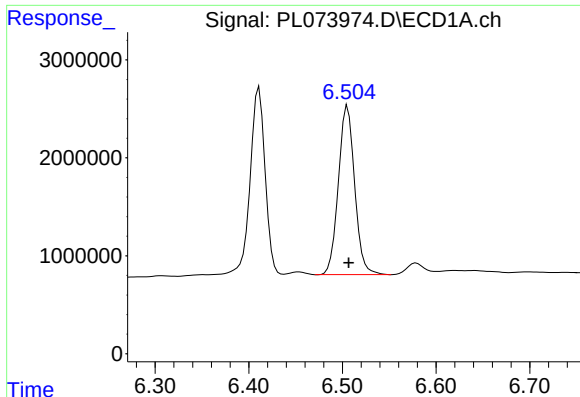
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 20044482
Conc: 44.50 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 97911272
Conc: 37.54 ng/ml



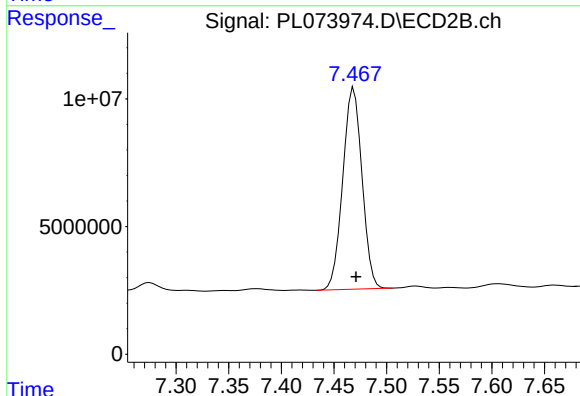
#5 Aldrin

R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 20861847
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

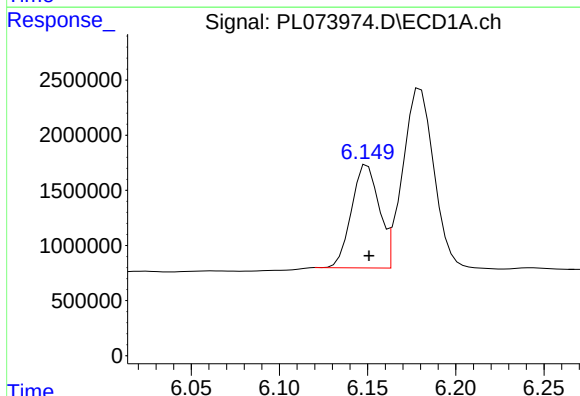
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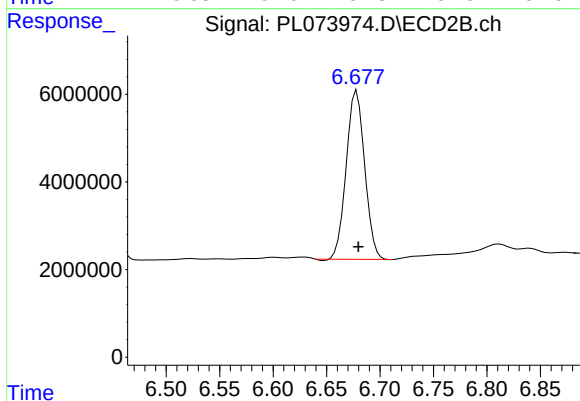
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 100613094
Conc: 42.84 ng/ml



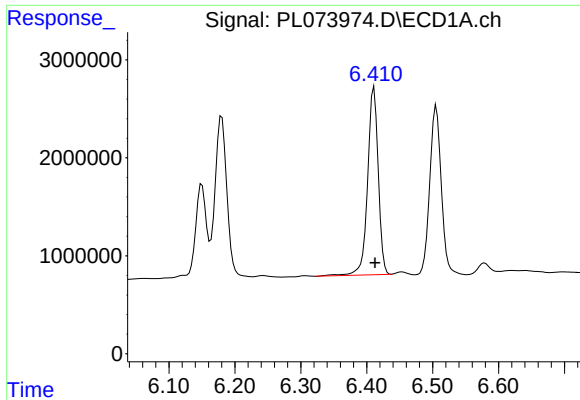
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 10139684
Conc: 49.62 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 46198882
Conc: 40.99 ng/ml



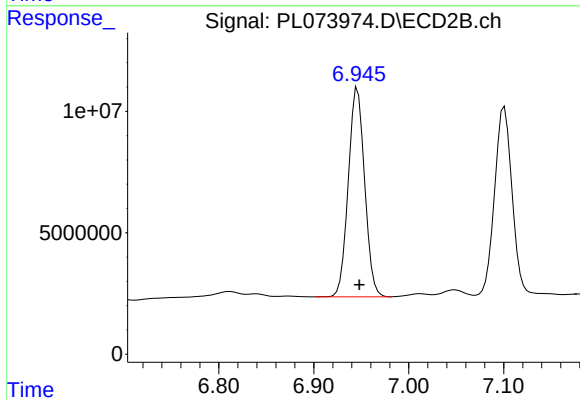
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 21443055
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

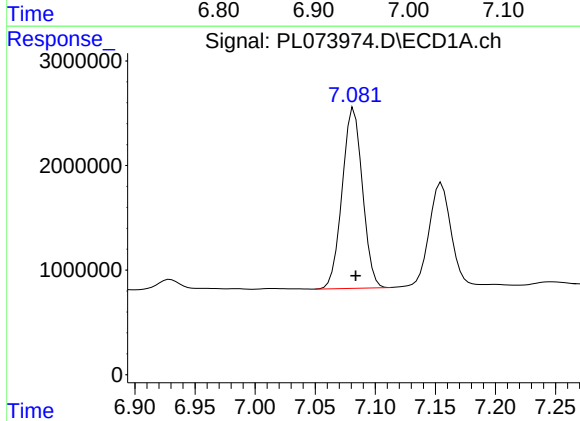
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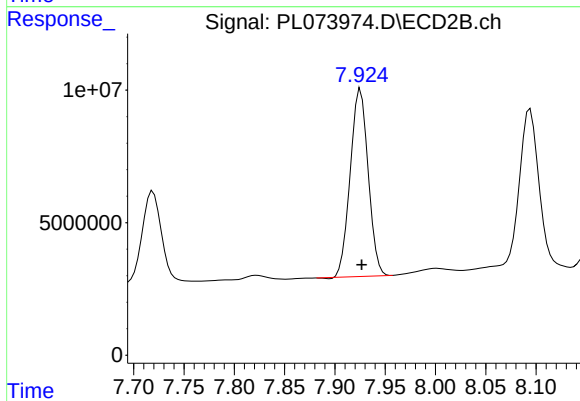
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 103040463
Conc: 42.19 ng/ml



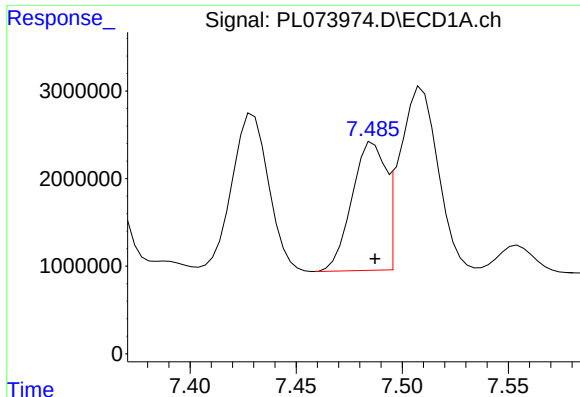
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.001 min
Response: 20267334
Conc: 47.25 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 87657356
Conc: 38.93 ng/ml



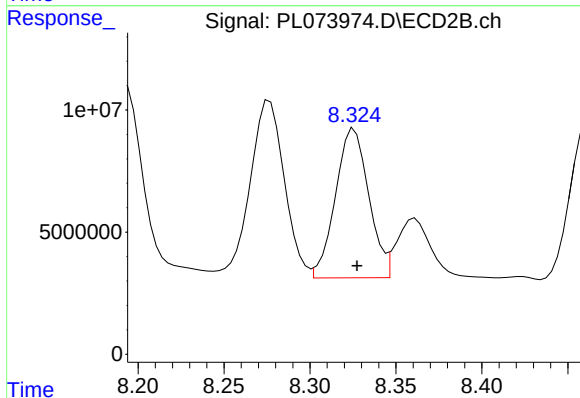
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 16033612
Conc: 39.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

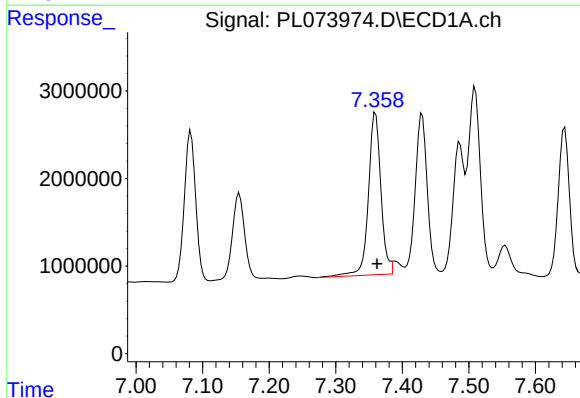
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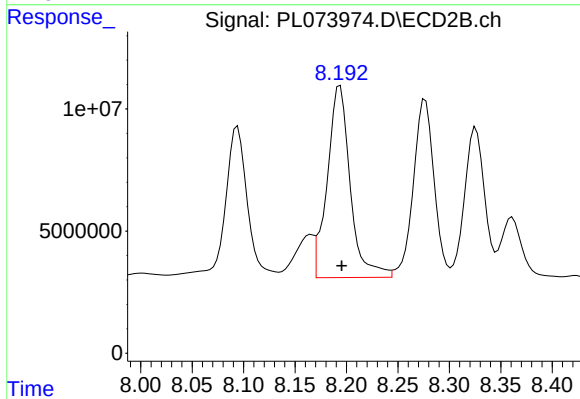
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 82289834
Conc: 41.80 ng/ml



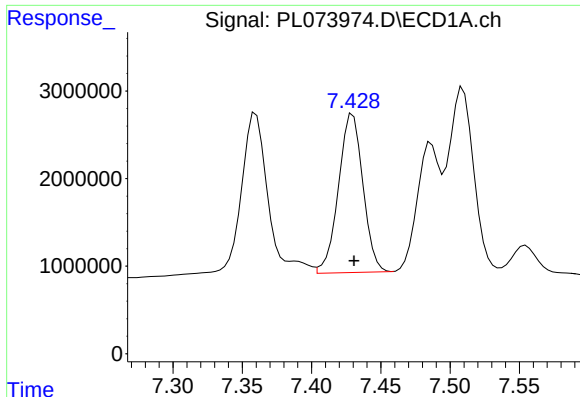
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 24209445
Conc: 55.20 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 122125515
Conc: 54.76 ng/ml



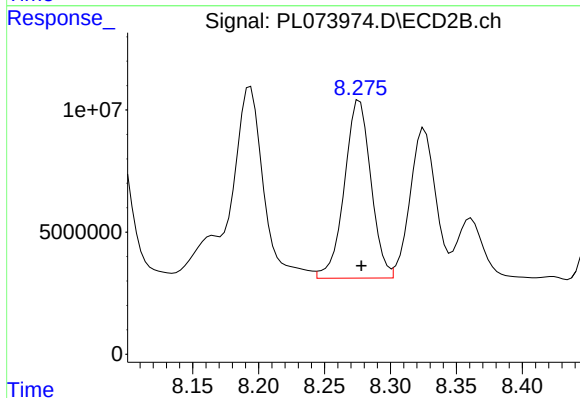
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 22285527
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

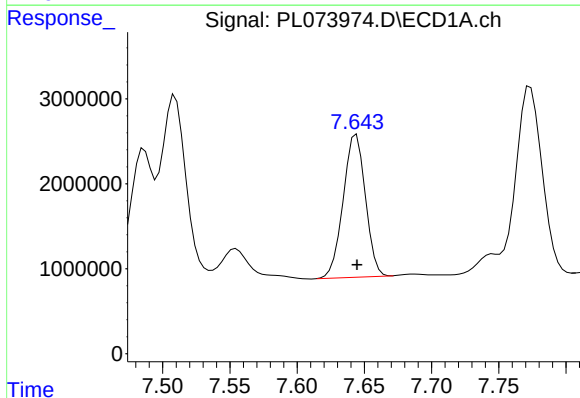
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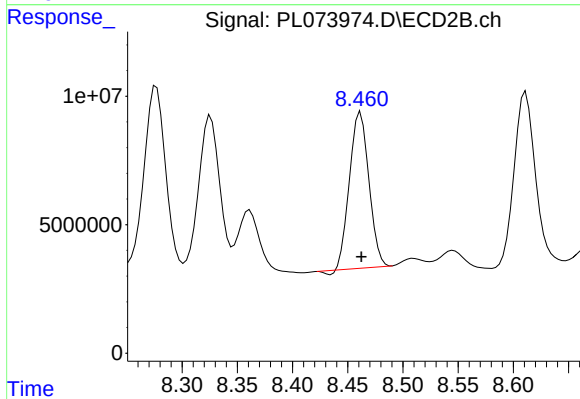
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 102031484
Conc: 47.40 ng/ml



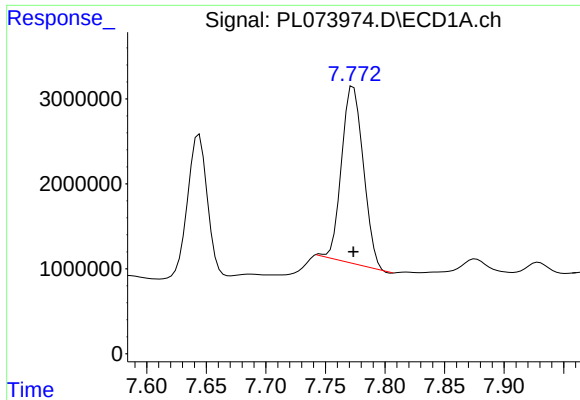
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 19289940
Conc: 52.88 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 73856555
Conc: 37.08 ng/ml



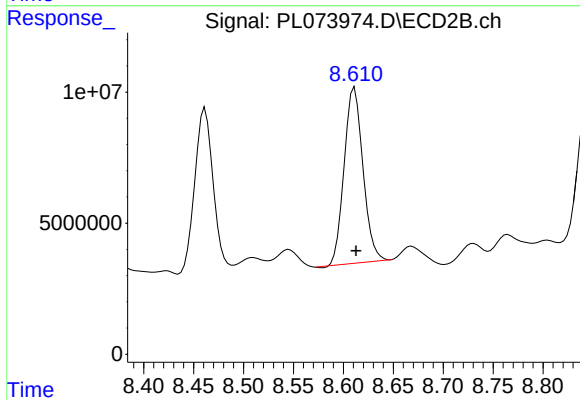
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 26600670
Conc: 61.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

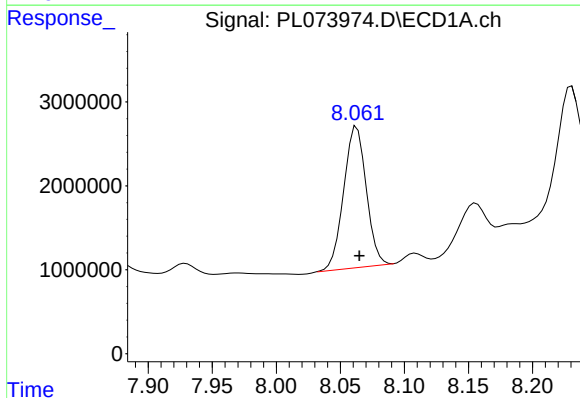
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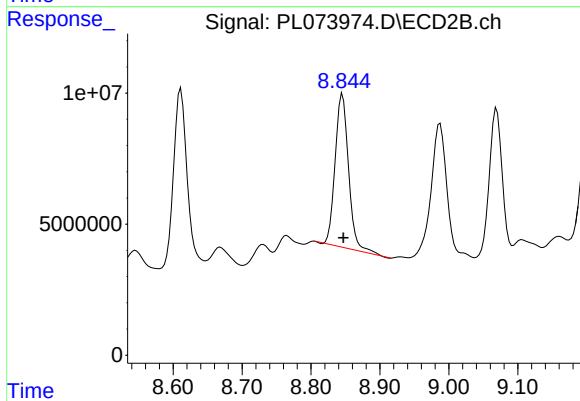
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 88064106
Conc: 43.92 ng/ml



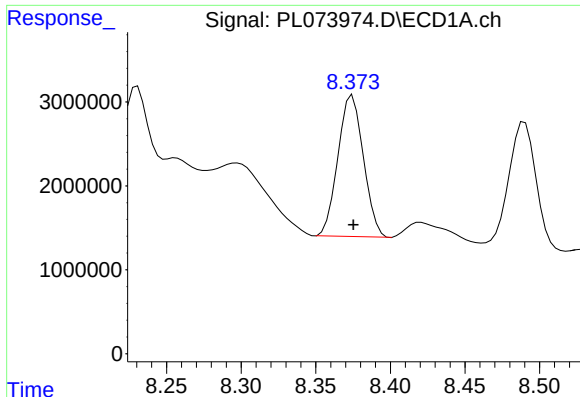
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 20630368
Conc: 50.78 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 79515041
Conc: 46.95 ng/ml



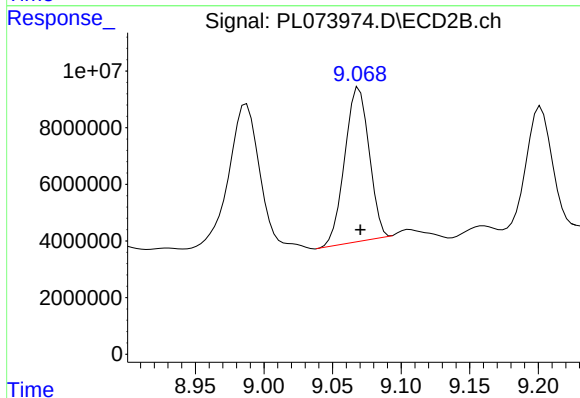
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 20035762
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

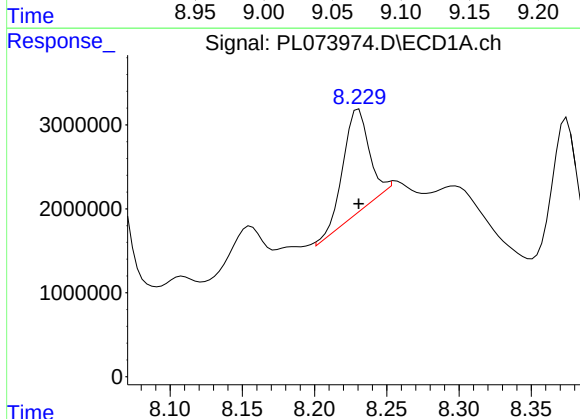
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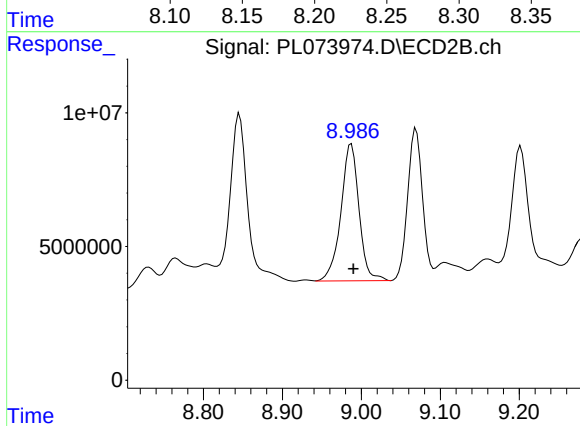
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 67247814
Conc: 38.71 ng/ml



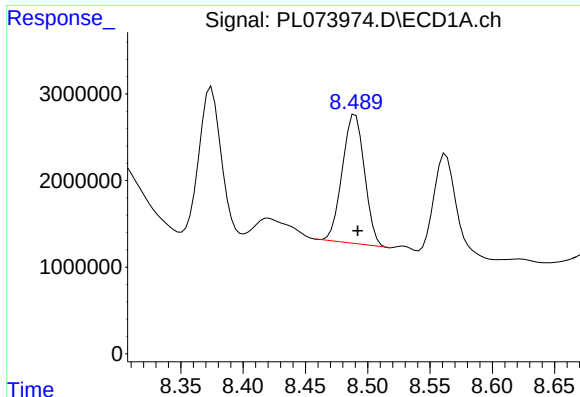
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.001 min
Response: 15530260
Conc: 48.09 ng/ml m



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 81820267
Conc: 53.18 ng/ml



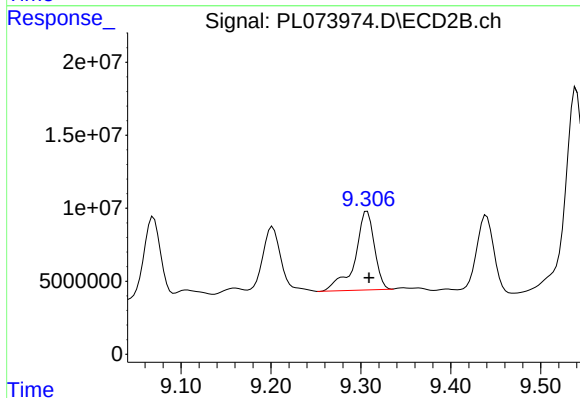
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 18591703
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

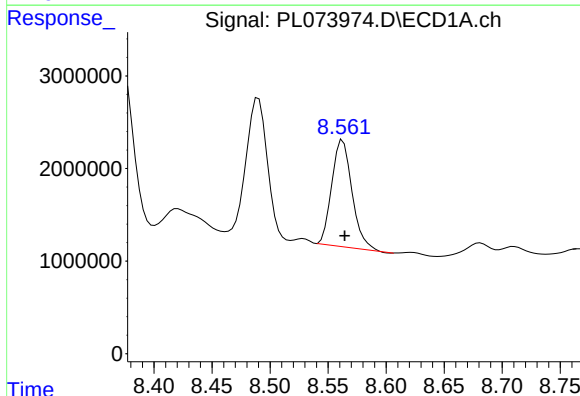
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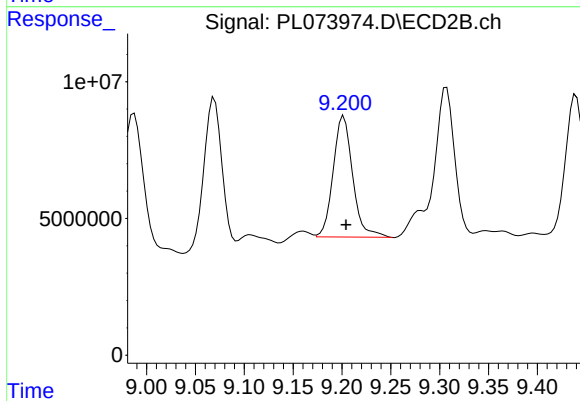
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 80615387
Conc: 45.48 ng/ml



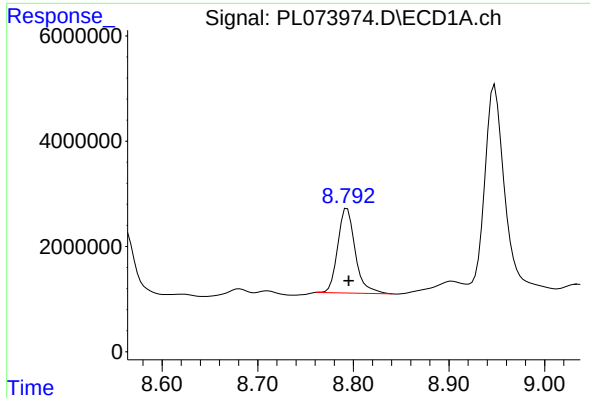
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.002 min
Response: 14059220
Conc: 43.45 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 61571195
Conc: 47.67 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.001 min
Response: 20411525
Conc: 47.80 ng/ml

Instrument :

ECD_L

ClientSampleId :

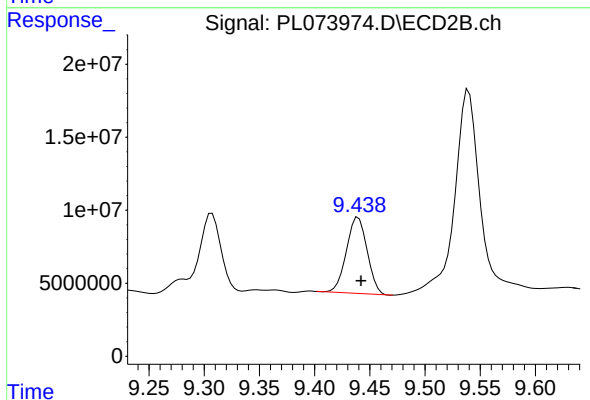
TP-3MSD

Manual Integrations

APPROVED

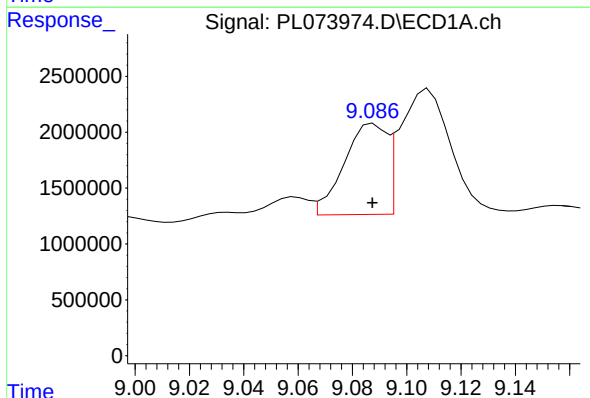
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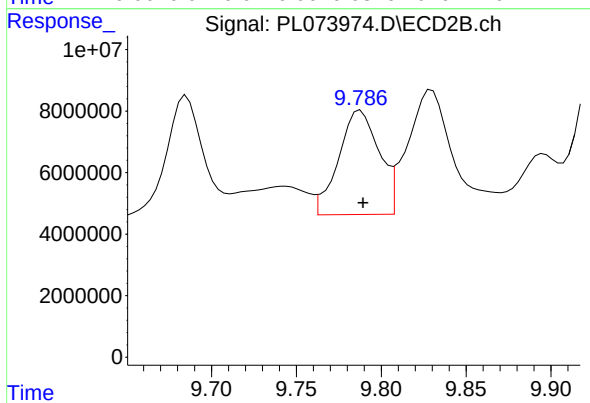
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 68358389
Conc: 41.07 ng/ml



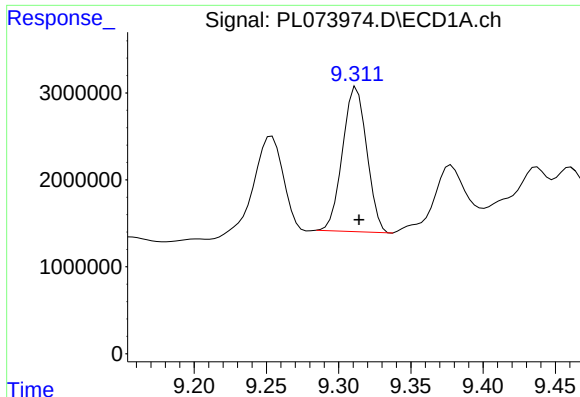
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 8869187
Conc: 35.72 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.002 min
Response: 56352301
Conc: 58.59 ng/ml



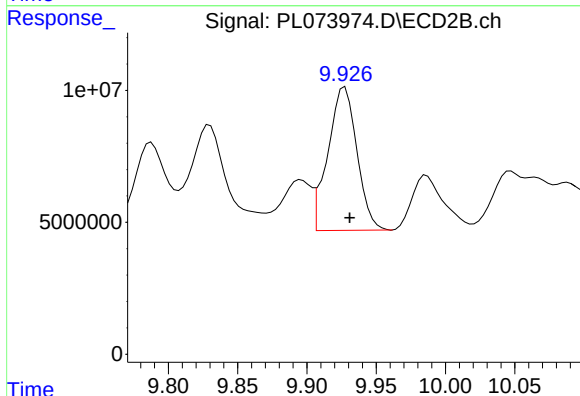
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 19388130
Conc: 39.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

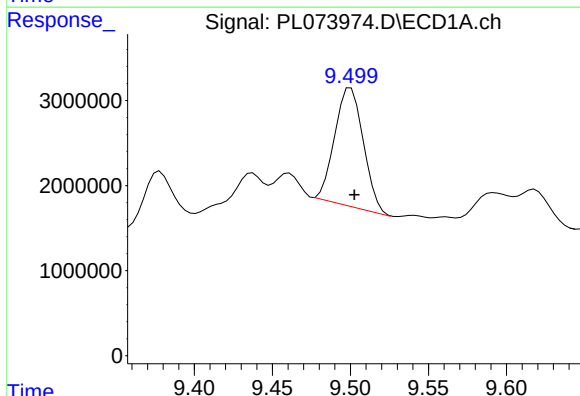
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Reviewed By :Abdul Mirza 04/13/2022
Supervised By :mohammad ahmed 04/13/2022



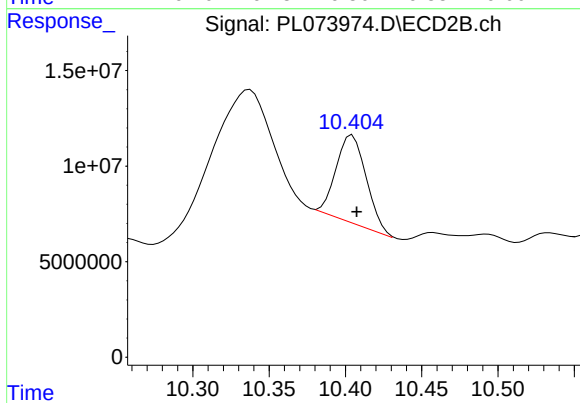
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.003 min
Response: 79198129
Conc: 45.75 ng/ml



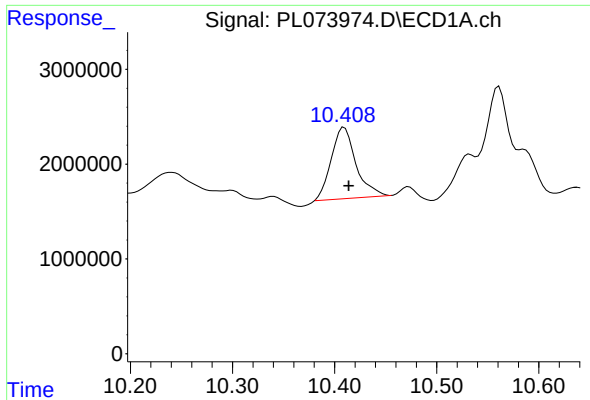
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.004 min
Response: 17702323
Conc: 37.95 ng/ml m



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 62613718
Conc: 45.46 ng/ml m



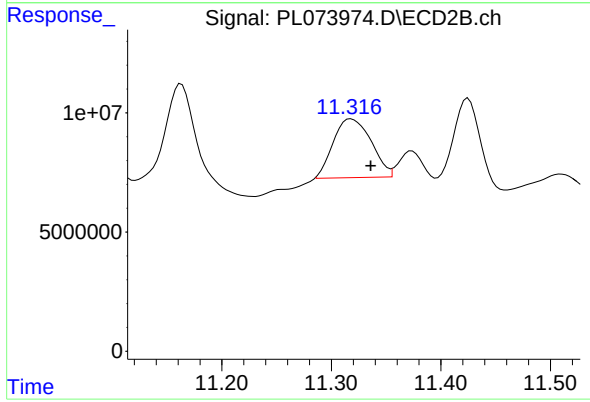
#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 12675529
Conc: 24.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/13/2022
Supervised By :mohammad ahmed 04/13/2022



#28 Decachlorobiphenyl

R.T.: 11.318 min
Delta R.T.: -0.018 min
Response: 59313312
Conc: 33.58 ng/ml