

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2022 00:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/12/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 06:39:21 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	5.490	16210160	89517595	50.169	50.207
28)	SA Decachlor...	10.410	11.332	23664426	83395374	45.506	47.215
Target Compounds							
2)	A alpha-BHC	5.346	6.053	20750098	128.2E6	49.445	50.911
3)	MA gamma-BHC...	5.769	6.442	20573413	119.6E6	49.055	50.541
4)	MA Heptachlor	6.180	7.101	21107223	123.7E6	46.857	47.408
5)	MB Aldrin	6.505	7.469	20313702	117.8E6	48.943	50.168
6)	B beta-BHC	6.150	6.679	10303416	54942323	50.426	48.750
7)	B delta-BHC	6.411	6.946	20589725	120.3E6	49.773	49.250
8)	B Heptachlo...	7.082	7.925	20801628	112.4E6	48.496	49.922
9)	A Endosulfan I	7.485	8.324	20081164	94345481	48.964	47.924m
10)	B gamma-Chl...	7.359	8.192	21237715	108.5E6	48.423	48.628m
11)	B alpha-Chl...	7.429	8.275	21466876	105.8E6	48.592	49.138m
12)	B 4,4'-DDE	7.643	8.460	17964382	96076391	49.242	48.238
13)	MA Dieldrin	7.771	8.611	21092382	94964597	49.101	47.357
14)	MA Endrin	8.062	8.844	19704531	76709434	48.505	45.292m
15)	B Endosulfa...	8.374	9.068	18857303	75682543	45.752	43.565m
16)	A 4,4'-DDD	8.228	8.987	16531704	74486633	51.193	48.412m
17)	MA 4,4'-DDT	8.490	9.307	16597296	71661008	44.901	40.426
18)	B Endrin al...	8.562	9.200	14719668	56822591	45.494	43.993m
19)	B Endosulfa...	8.793	9.439	20539540	75580682	48.099	45.412
20)	A Methoxychlor	9.085	9.786	10992155	40883438	44.275	42.505
21)	B Endrin ke...	9.312	9.928	24082898	81093103	49.294	46.849
22)	Mirex	9.499	10.404	21992464	62523337	47.153	45.392

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
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 Operator : AR\AJ
 Sample : PSTDCCC050
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Instrument :

ECD_L

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PSTDCCC050

Manual Integrations

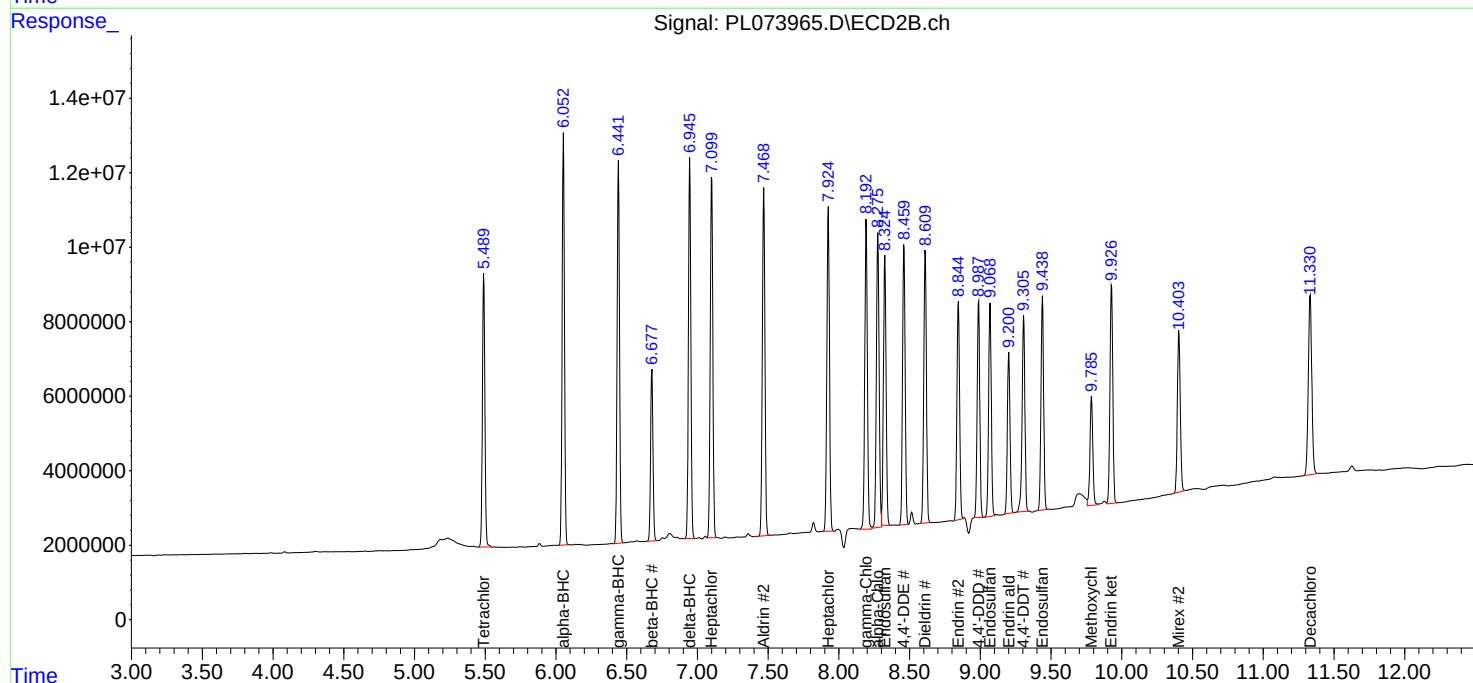
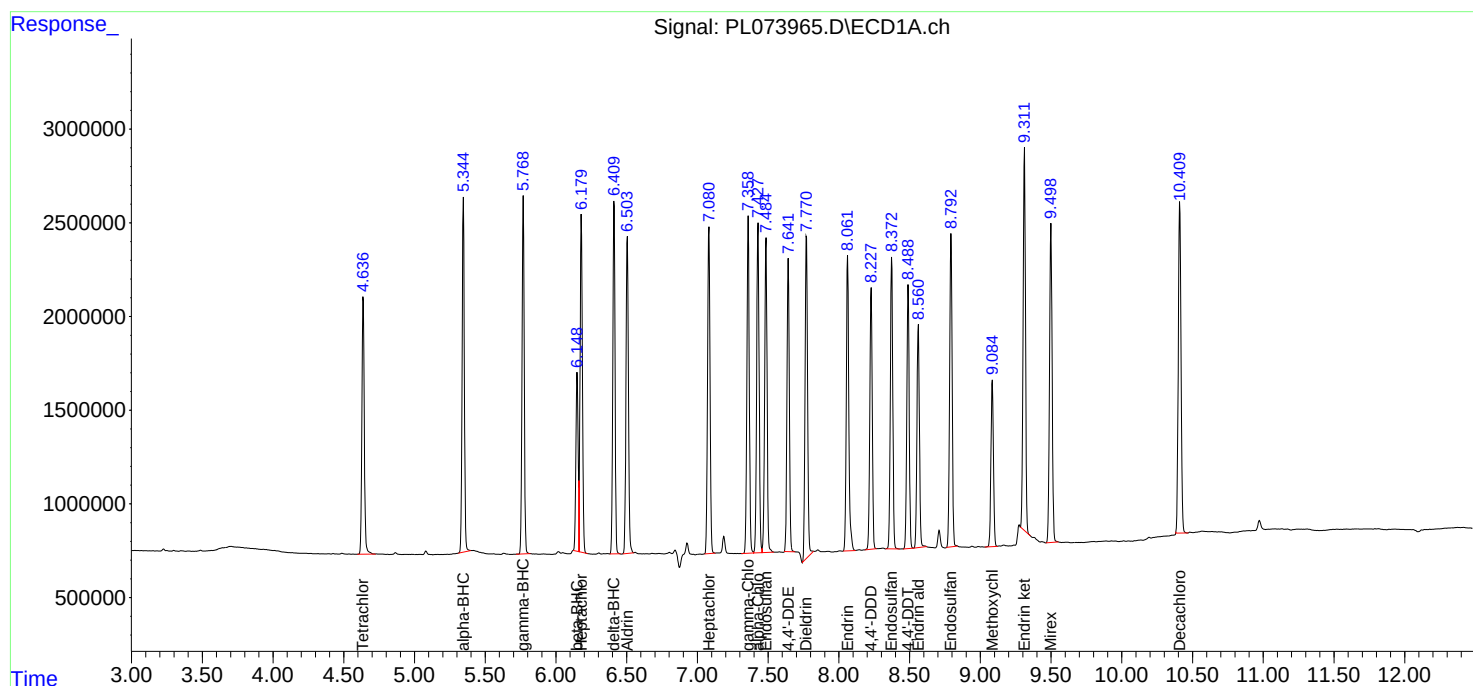
APPROVED

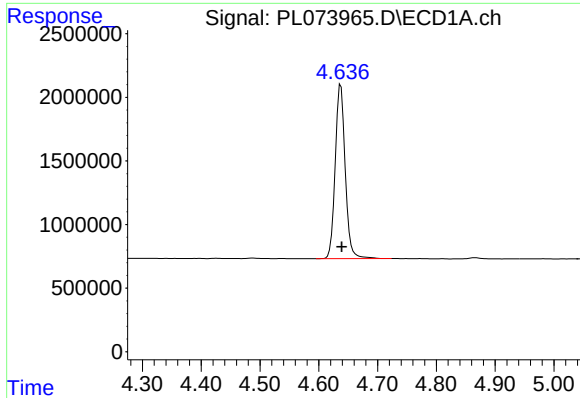
Reviewed By :Abdul Mirza 04/12/2022

Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 06:39:21 2022
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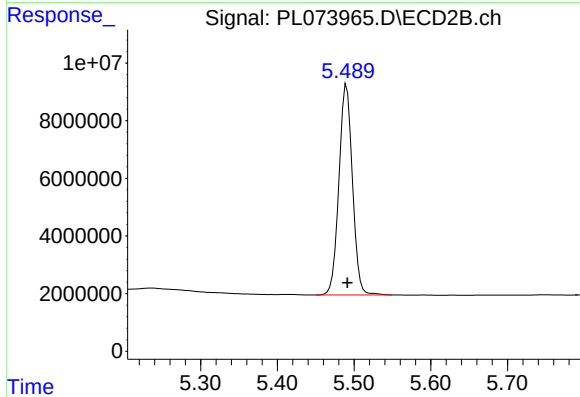
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 16210160
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

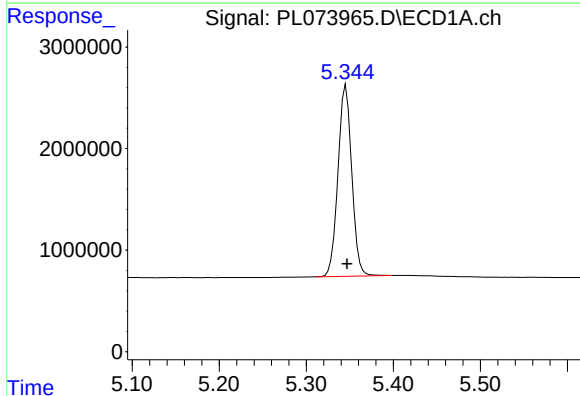
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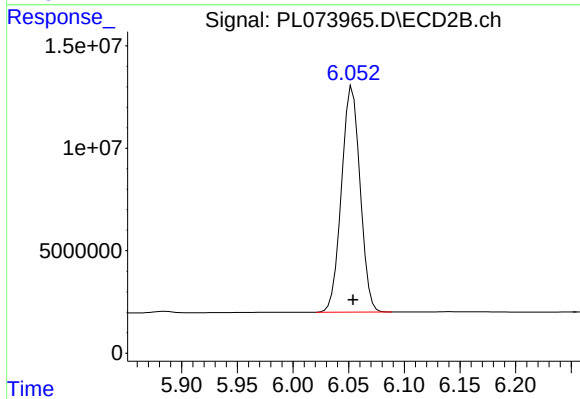
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 89517595
Conc: 50.21 ng/ml



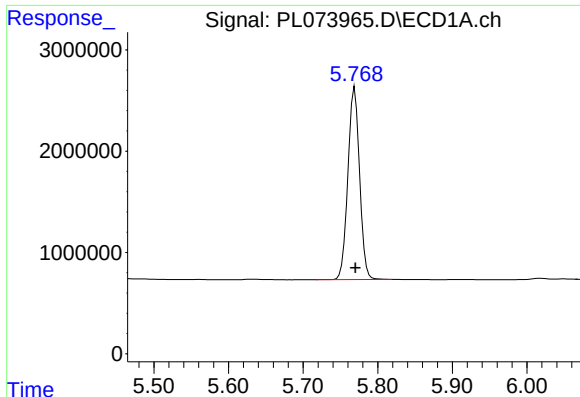
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 20750098
Conc: 49.44 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 128197365
Conc: 50.91 ng/ml



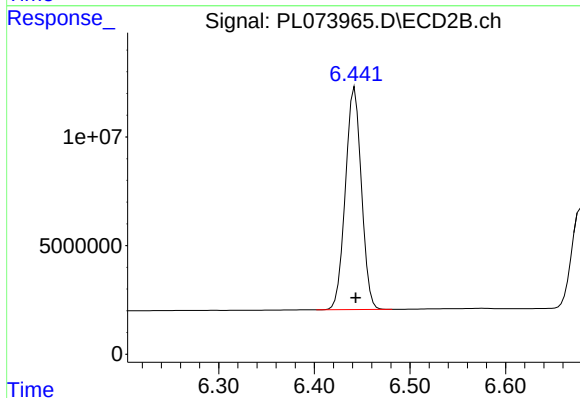
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 20573413
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

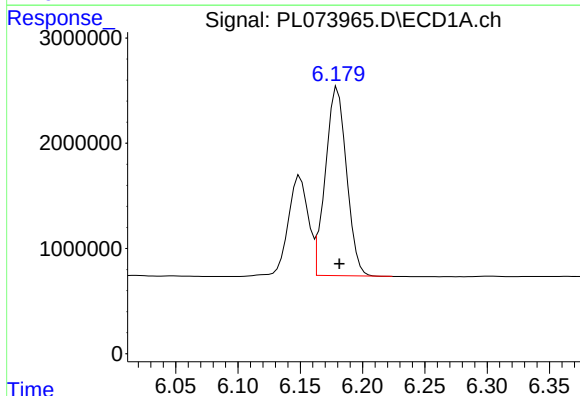
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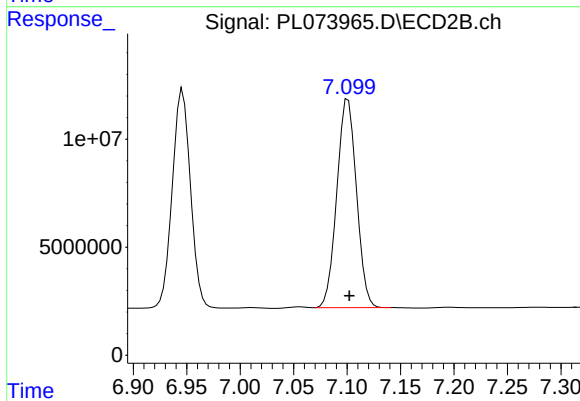
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 119636243
Conc: 50.54 ng/ml



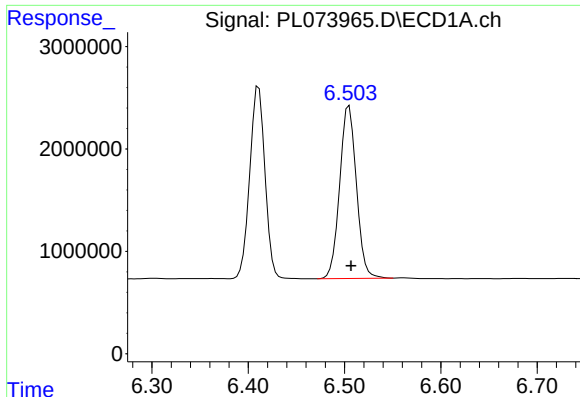
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 21107223
Conc: 46.86 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 123658862
Conc: 47.41 ng/ml



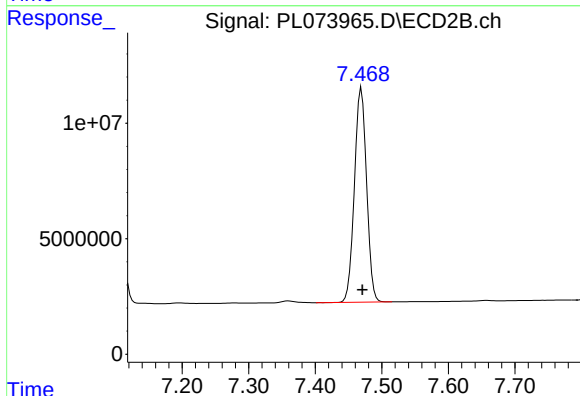
#5 Aldrin

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 20313702
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

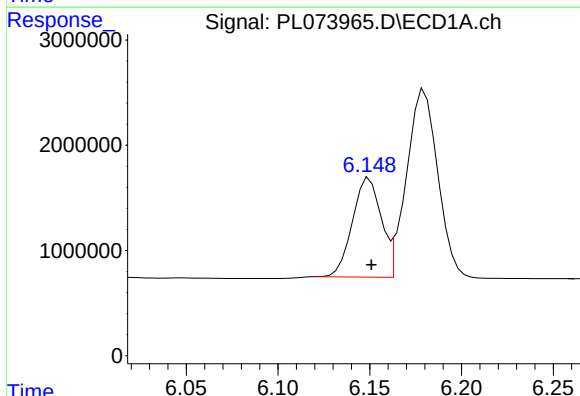
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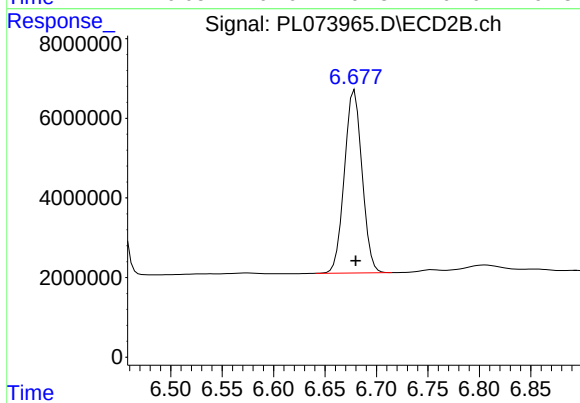
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 117823775
Conc: 50.17 ng/ml



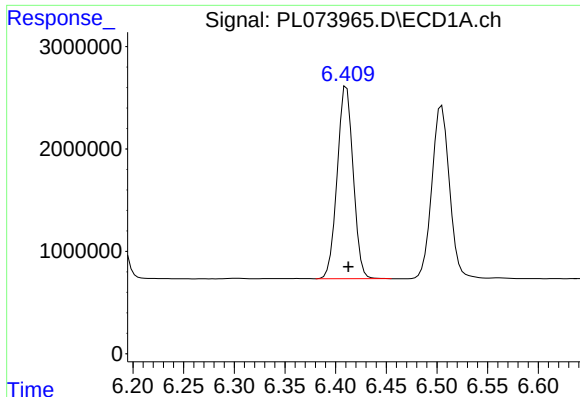
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 10303416
Conc: 50.43 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 54942323
Conc: 48.75 ng/ml



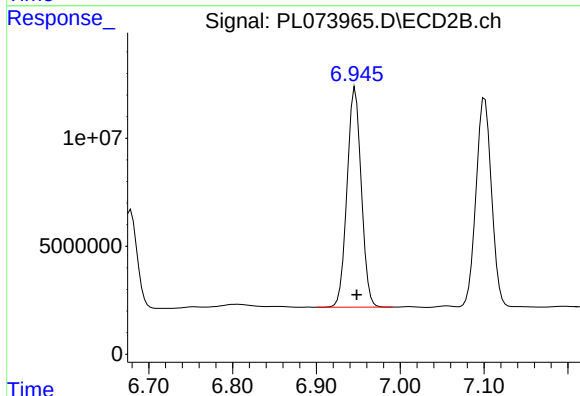
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 20589725
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

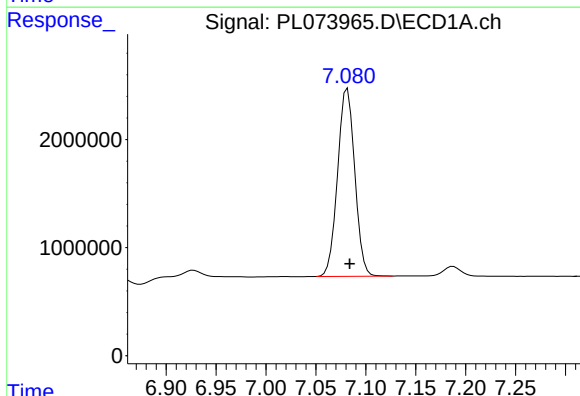
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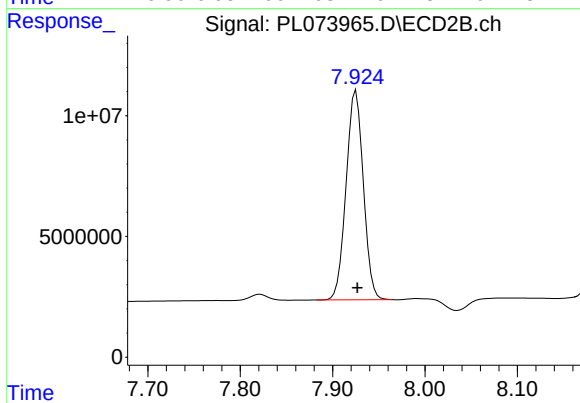
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 120281820
Conc: 49.25 ng/ml



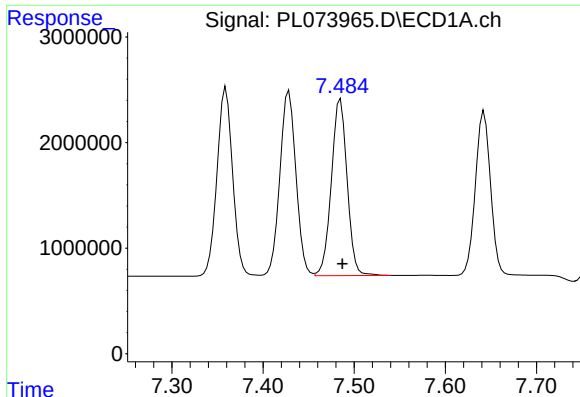
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 20801628
Conc: 48.50 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 112403445
Conc: 49.92 ng/ml



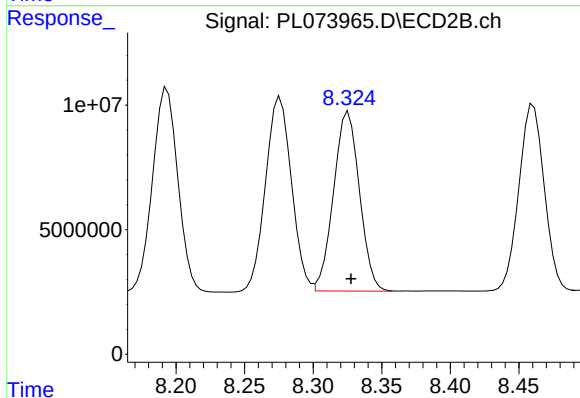
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 20081164
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

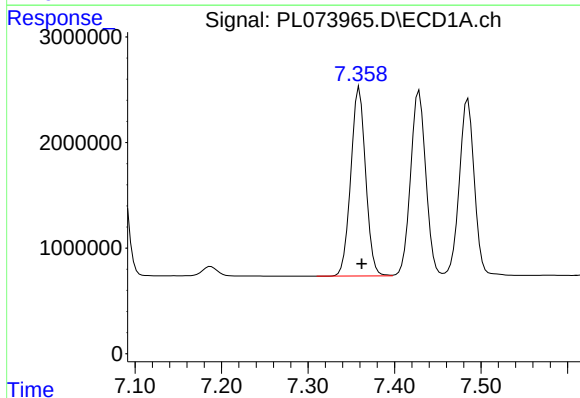
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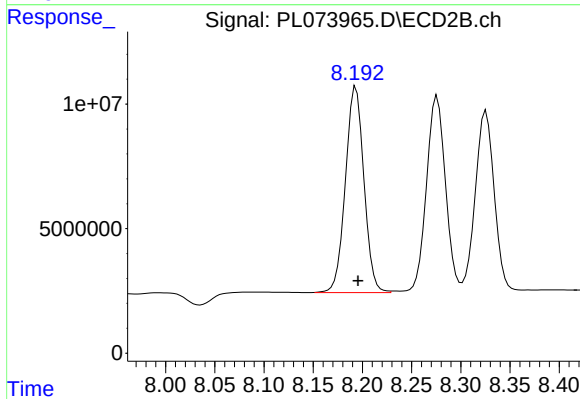
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 94345481
Conc: 47.92 ng/ml m



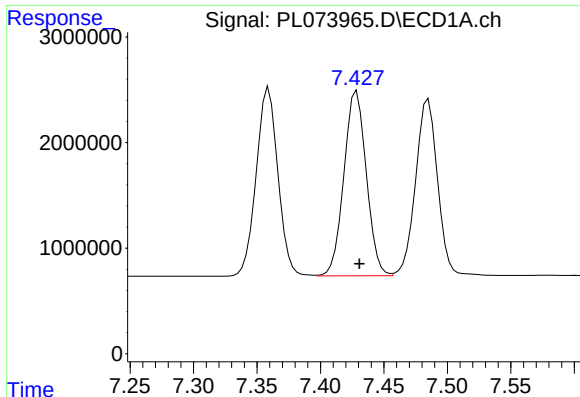
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 21237715
Conc: 48.42 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 108456843
Conc: 48.63 ng/ml m



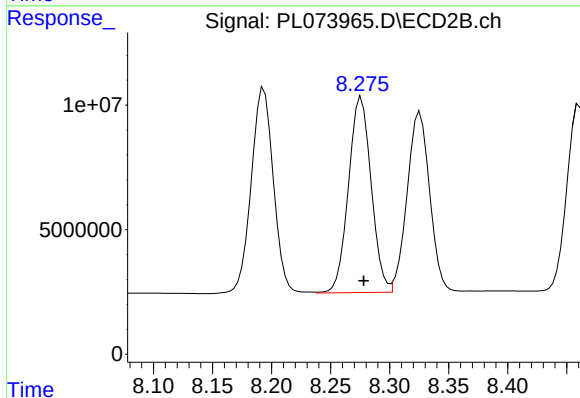
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 21466876
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

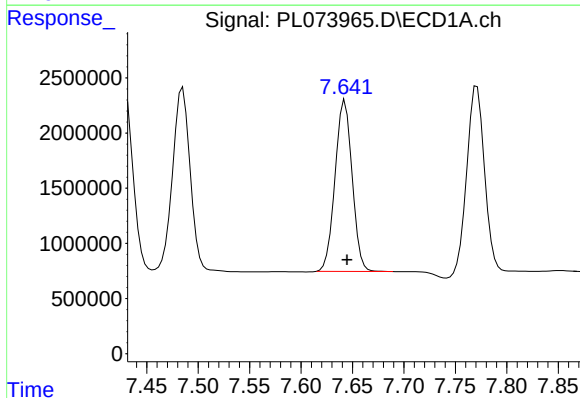
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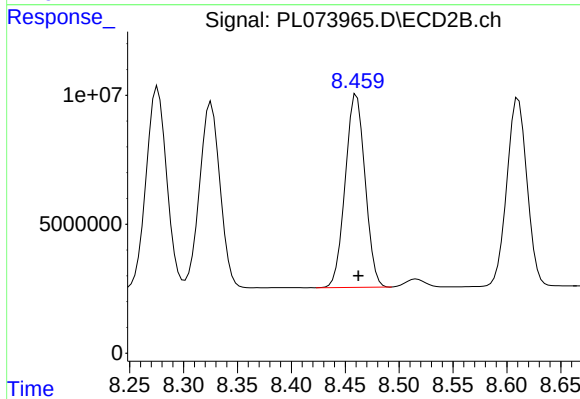
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 105774523
Conc: 49.14 ng/ml m



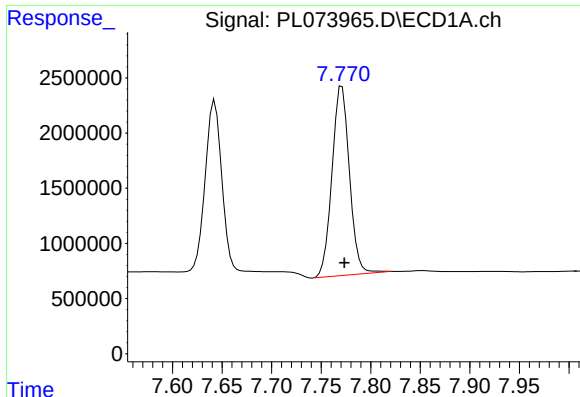
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 17964382
Conc: 49.24 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 96076391
Conc: 48.24 ng/ml



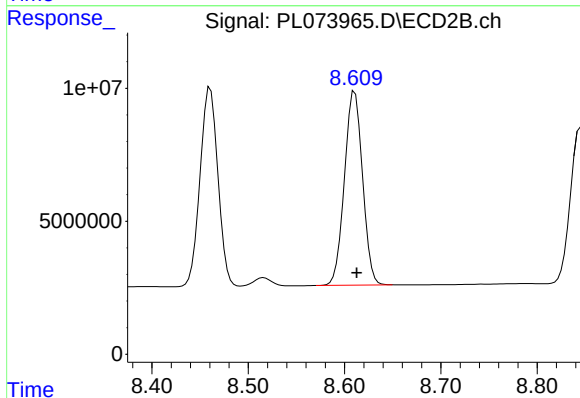
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.002 min
Response: 21092382
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

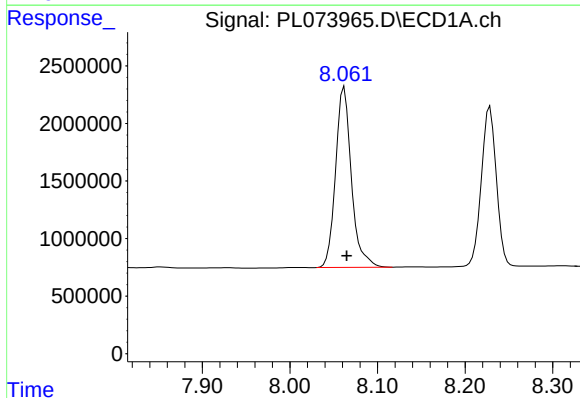
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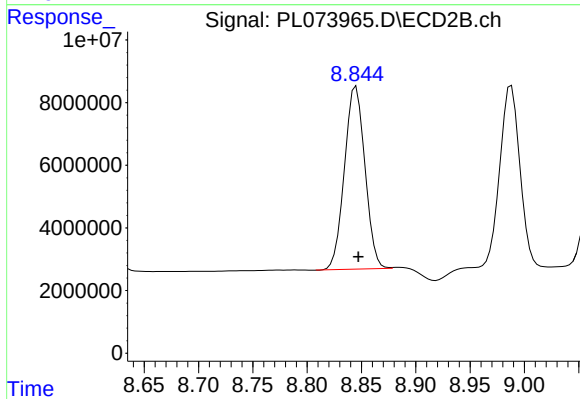
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 94964597
Conc: 47.36 ng/ml



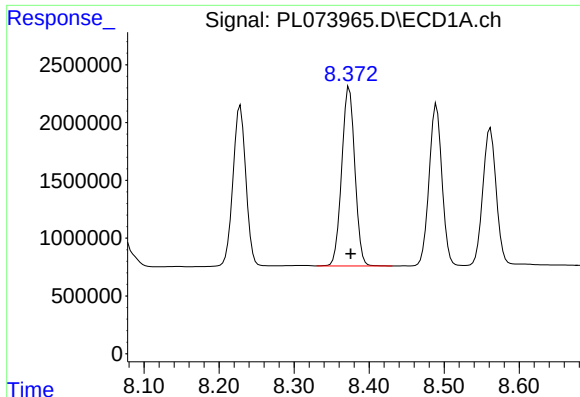
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 19704531
Conc: 48.51 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 76709434
Conc: 45.29 ng/ml m



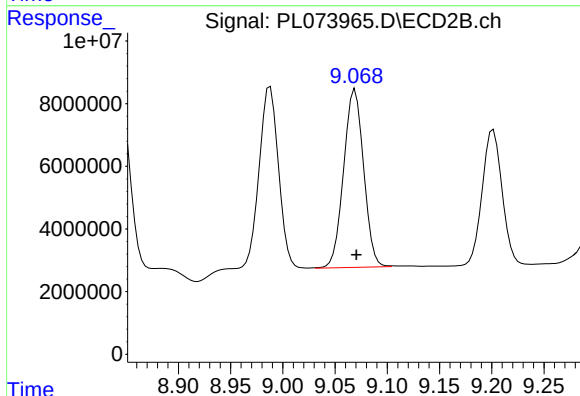
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: -0.002 min
Response: 18857303
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

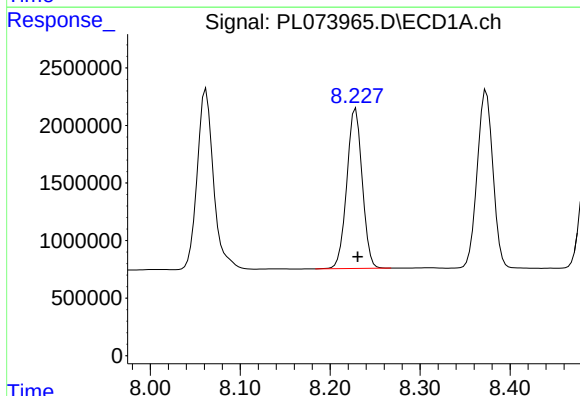
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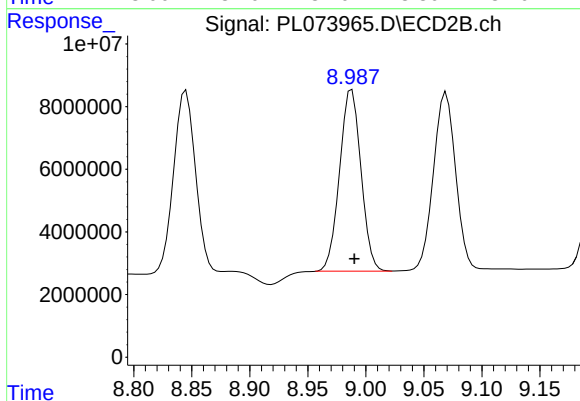
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 75682543
Conc: 43.57 ng/ml m



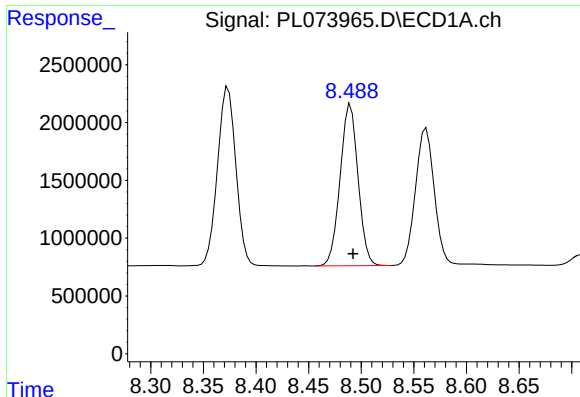
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 16531704
Conc: 51.19 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 74486633
Conc: 48.41 ng/ml m



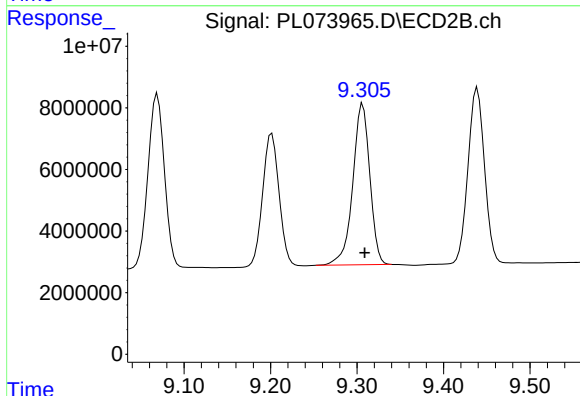
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 16597296
Conc: 44.90 ng/ml

Instrument :
ECD_L
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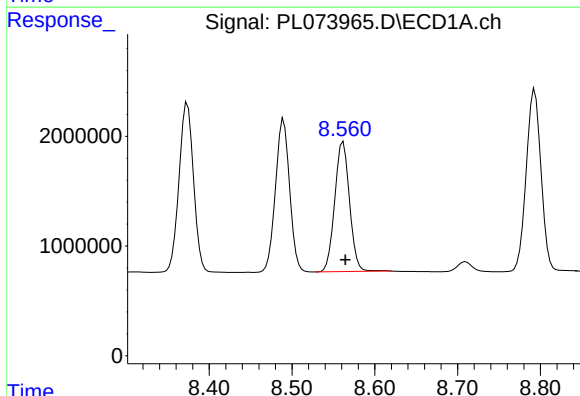
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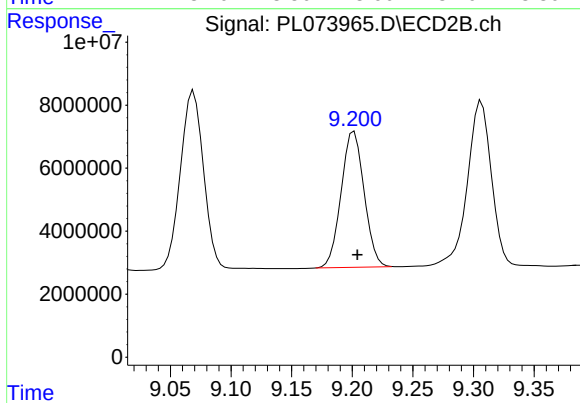
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 71661008
Conc: 40.43 ng/ml



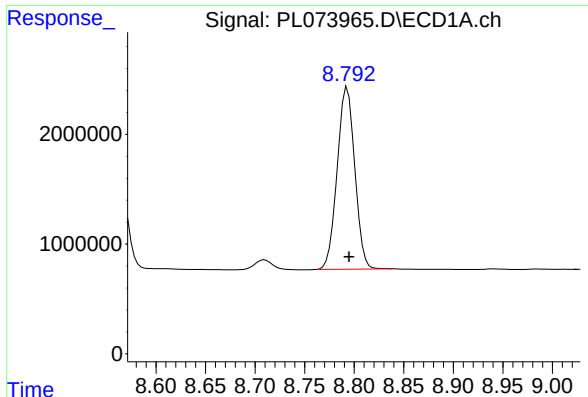
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 14719668
Conc: 45.49 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 56822591
Conc: 43.99 ng/ml m



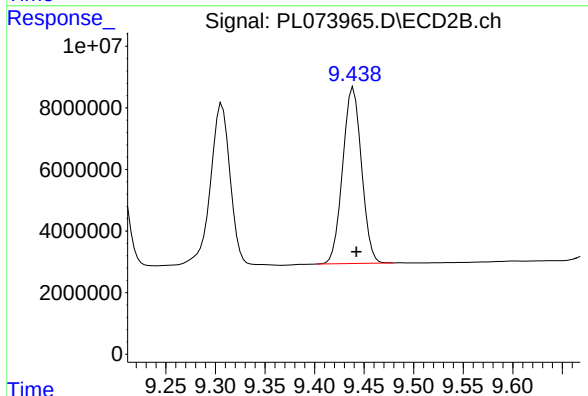
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 20539540
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

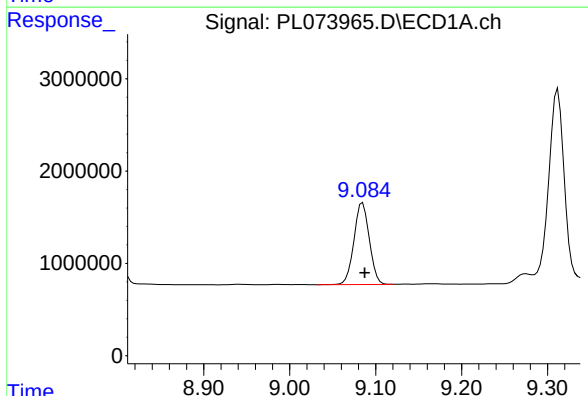
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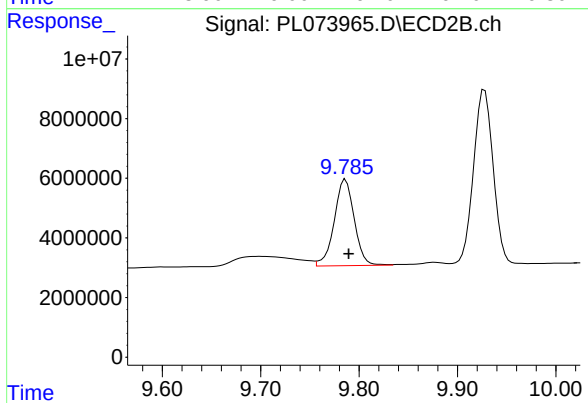
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 75580682
Conc: 45.41 ng/ml



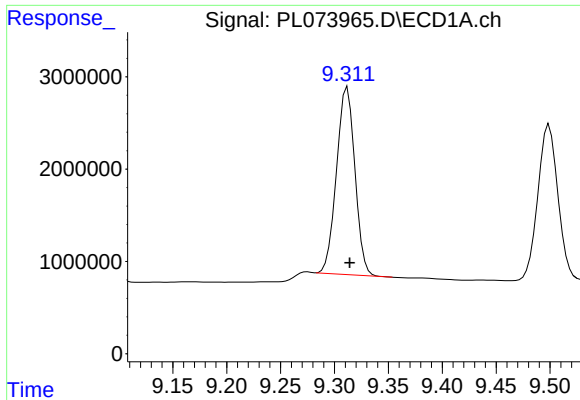
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 10992155
Conc: 44.28 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 40883438
Conc: 42.51 ng/ml



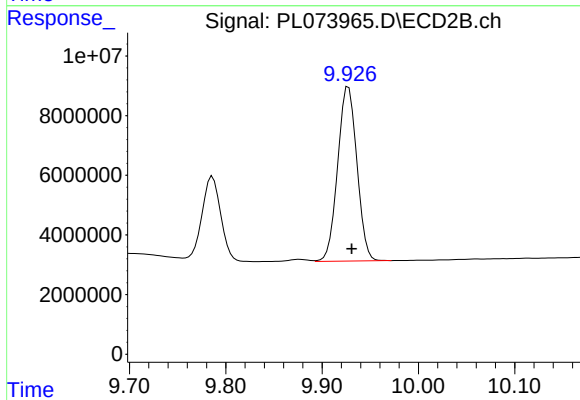
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 24082898
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

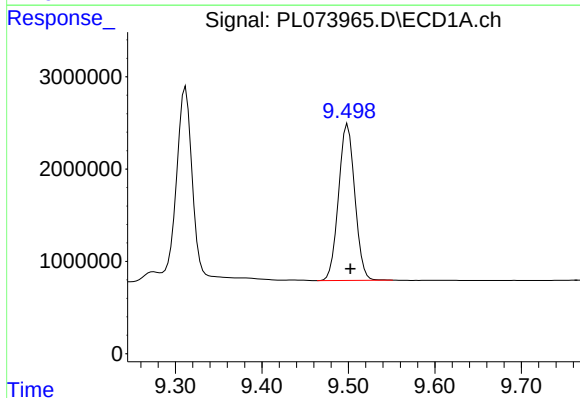
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Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/12/2022



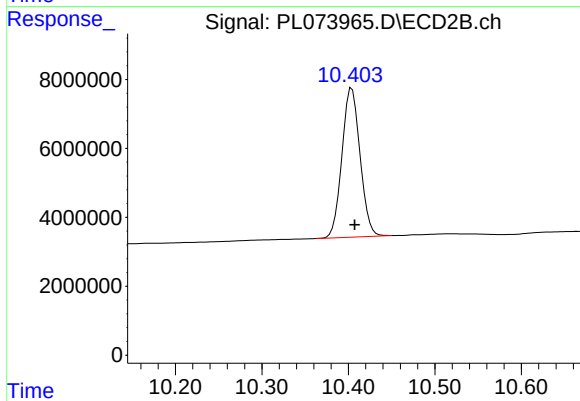
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 81093103
Conc: 46.85 ng/ml



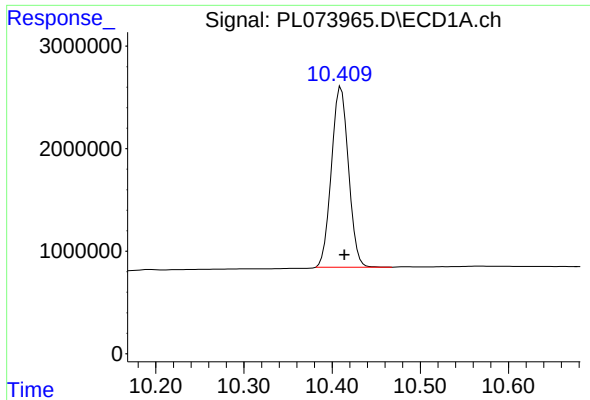
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 21992464
Conc: 47.15 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 62523337
Conc: 45.39 ng/ml



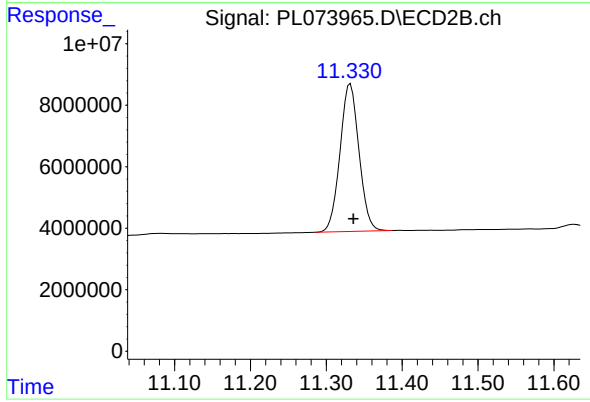
#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 23664426
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/12/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 83395374
Conc: 47.21 ng/ml