

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111821\
 Data File : PL071057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2021 12:24
 Operator : AR\AJ
 Sample : M4713-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-2-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/19/2021
 Supervised By : mohammad ahmed 11/19/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 05:21:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.569	5.504	11202350	27987771	22.871	22.197
28)	SA Decachlor...	10.333	11.398	11855665	27444828	17.351	20.521
Target Compounds							
2)	A alpha-BHC	5.275	6.085	35690768	97936458	53.317	53.203
3)	MA gamma-BHC...	5.698	6.481	34258335	89412886	51.072	51.563
4)	MA Heptachlor	6.106	7.127	35403393	85945157	49.342	52.913
5)	MB Aldrin	6.429	7.497	33085846	80856559	51.740	49.794
6)	B beta-BHC	6.080	6.737	15530471	39316834	47.811	45.887
7)	B delta-BHC	6.340	7.003	33714671	88015586	50.943	52.633
8)	B Heptachlo...	7.005	7.964	31774377	71294993	48.872m	46.777m
9)	A Endosulfan I	7.409	8.369	31060223	68192781	50.705	47.402
10)	B gamma-Chl...	7.284	8.234	31909979	71167652	48.070	45.963
11)	B alpha-Chl...	7.354	8.315	32947448	70923534	49.444	46.630
12)	B 4,4'-DDE	7.567	8.504	28480461	68776136	48.883m	46.612
13)	MA Dieldrin	7.696	8.658	30218191	69330411	48.410	47.580
14)	MA Endrin	7.986	8.898	27720563	62970387	48.893	54.364
15)	B Endosulfa...	8.298	9.131	26715557	56795628	44.133	46.502m
16)	A 4,4'-DDD	8.155	9.044	25952081	58991121	51.077	49.019
17)	MA 4,4'-DDT	8.415	9.361	22494330	51798437	40.901	41.059
18)	B Endrin al...	8.487	9.267	21036732	43977739	46.304	45.476
19)	B Endosulfa...	8.718	9.505	27845240	56165792	45.138	45.317
20)	A Methoxychlor	9.011	9.845	15630949	33600821	42.726	49.646m
21)	B Endrin ke...	9.234	10.001	37701936	65416033	52.726m	45.571
22)	Mirex	9.420	10.466	26233558	43958721	42.716	42.203

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

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 Data File : PL071057.D
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 Acq On : 18 Nov 2021 12:24
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

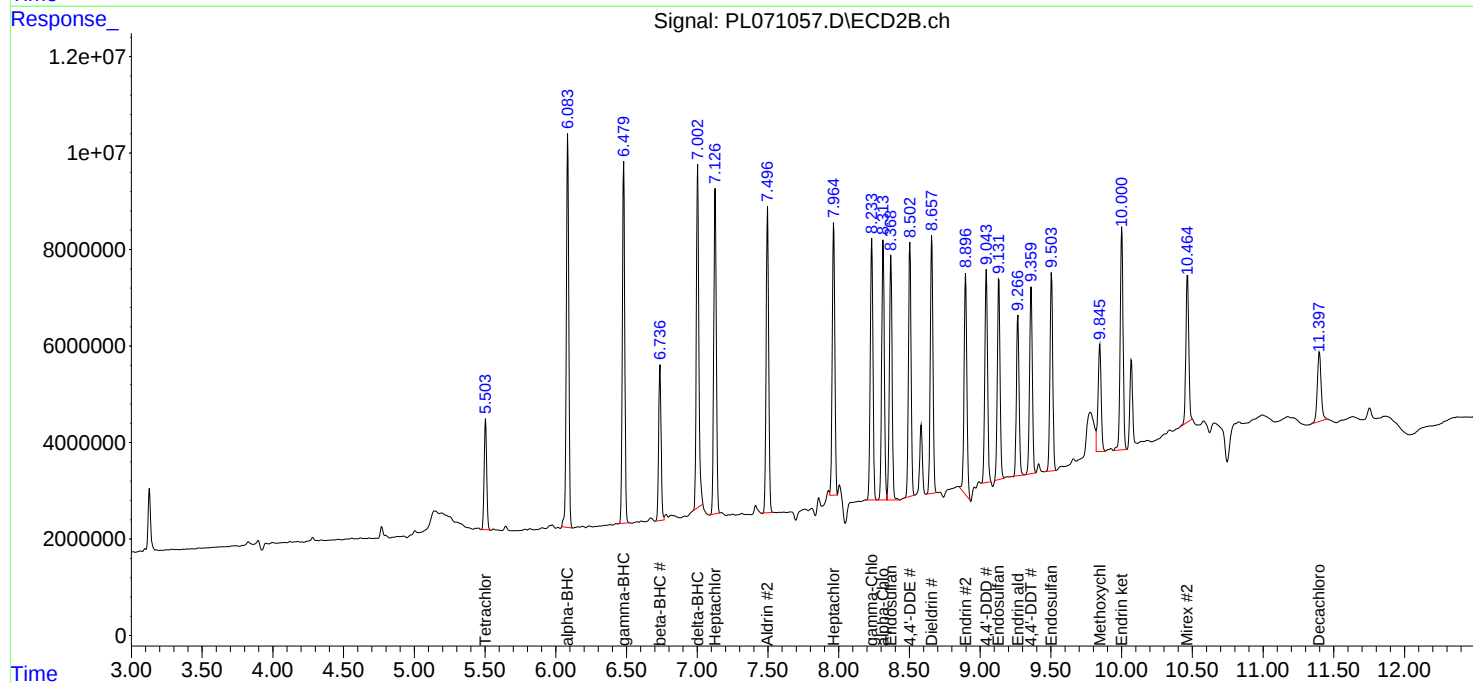
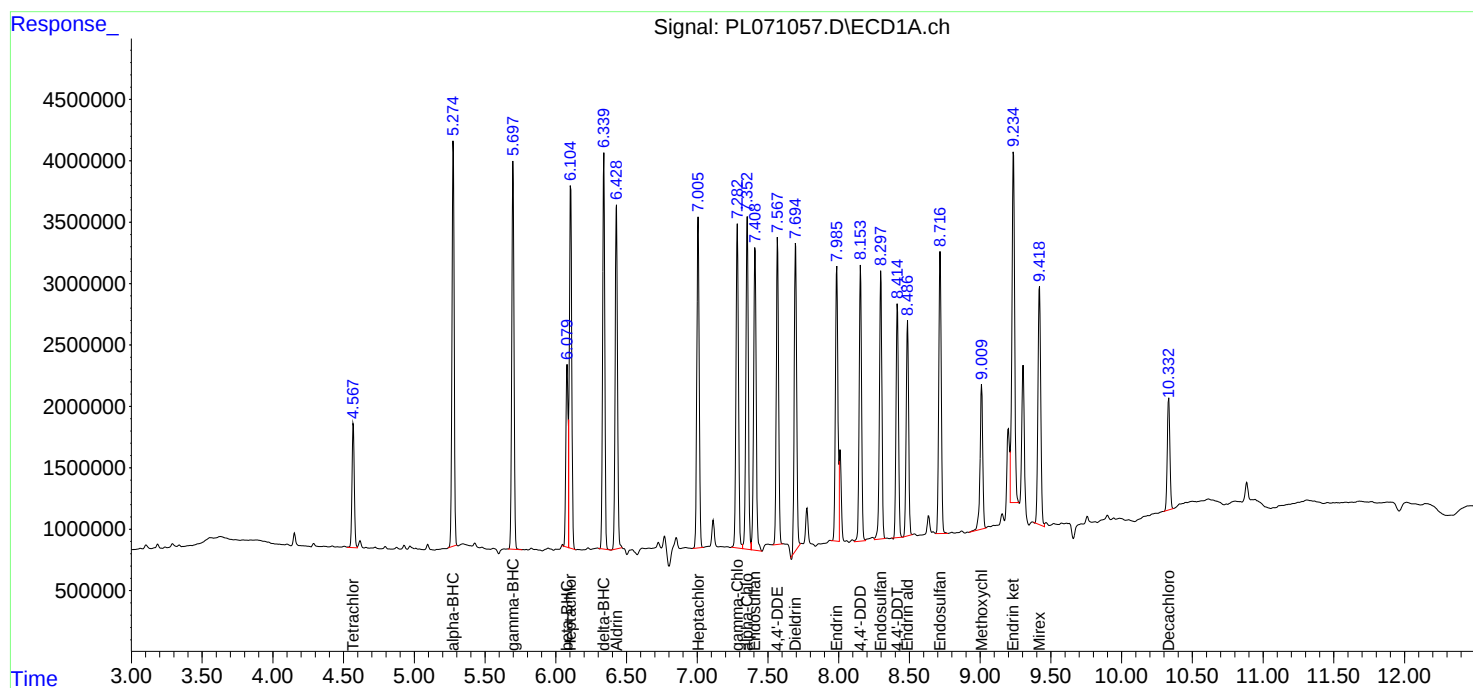
Instrument :
 ECD_L
 ClientSampleId :
 TP-2-COMPMSD

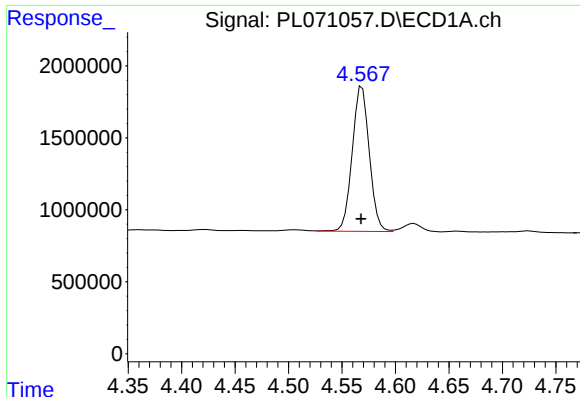
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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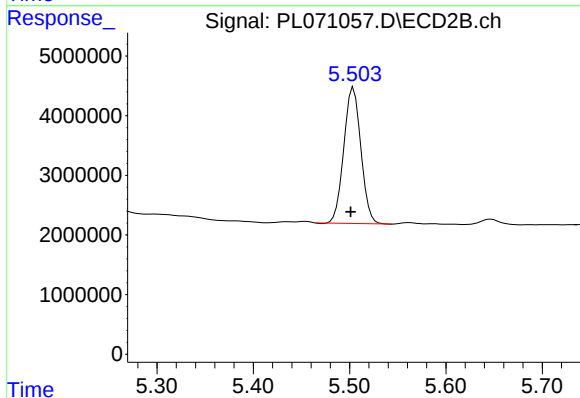
#1 Tetrachloro-m-xylene

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 11202350
Conc: 22.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

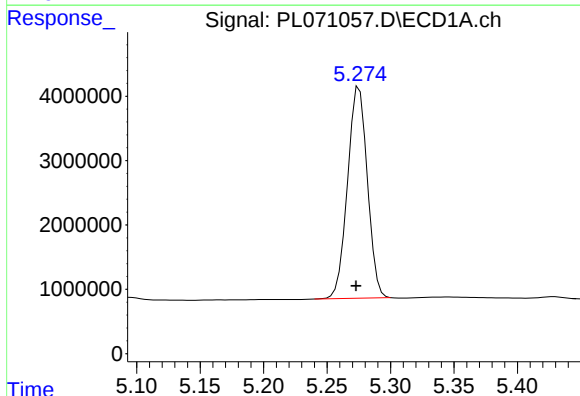
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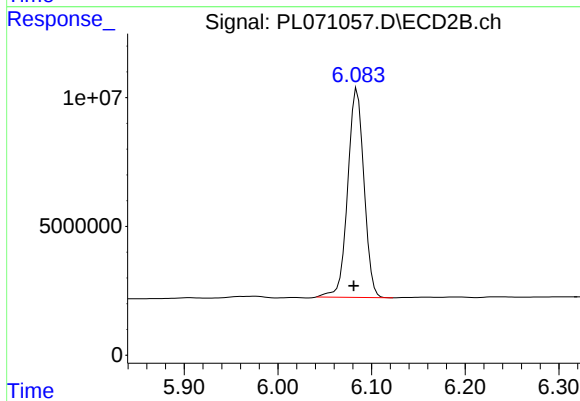
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 27987771
Conc: 22.20 ng/ml



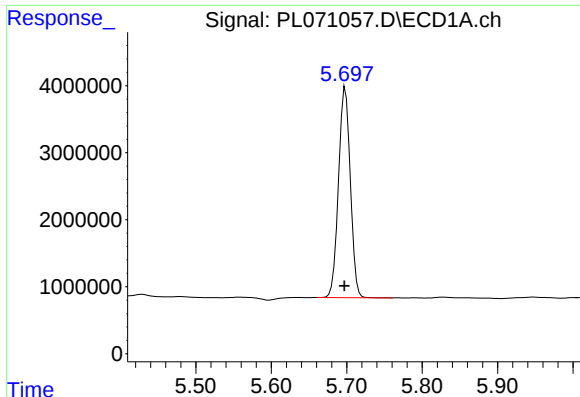
#2 alpha-BHC

R.T.: 5.275 min
Delta R.T.: 0.003 min
Response: 35690768
Conc: 53.32 ng/ml



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.003 min
Response: 97936458
Conc: 53.20 ng/ml



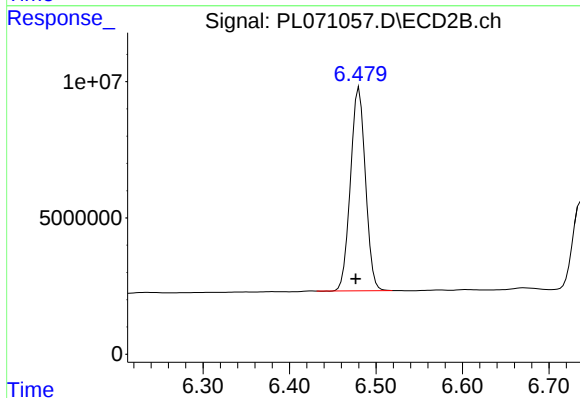
#3 gamma-BHC (Lindane)

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 34258335
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

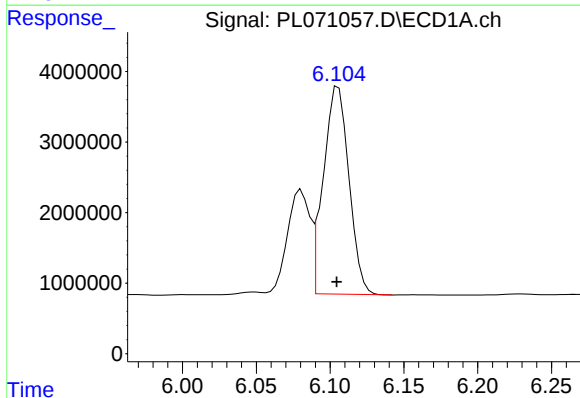
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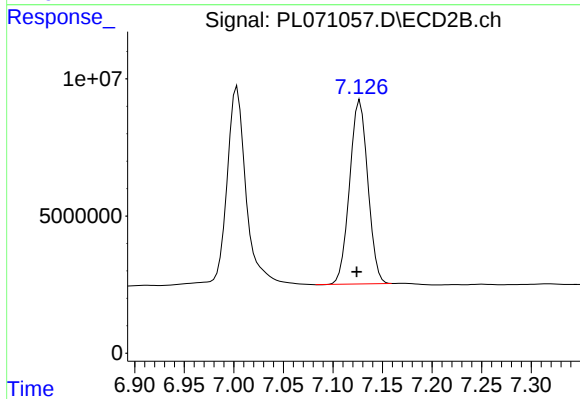
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 89412886
Conc: 51.56 ng/ml



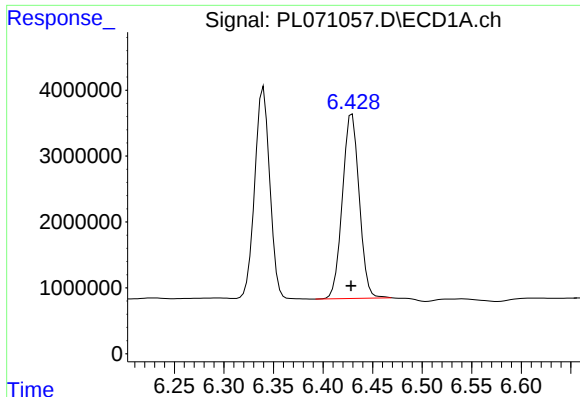
#4 Heptachlor

R.T.: 6.106 min
Delta R.T.: 0.001 min
Response: 35403393
Conc: 49.34 ng/ml



#4 Heptachlor

R.T.: 7.127 min
Delta R.T.: 0.003 min
Response: 85945157
Conc: 52.91 ng/ml



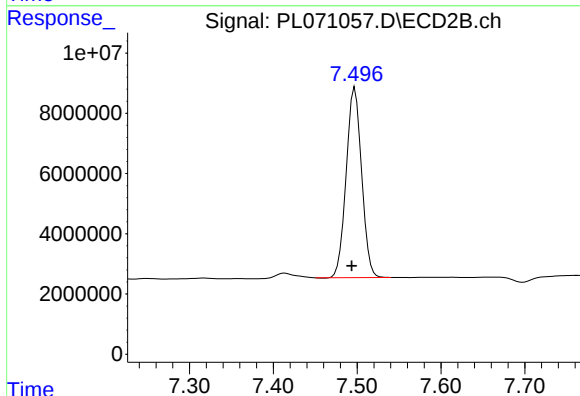
#5 Aldrin

R.T.: 6.429 min
Delta R.T.: 0.001 min
Response: 33085846
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

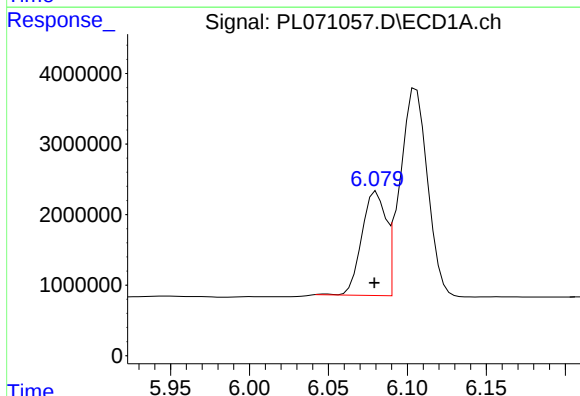
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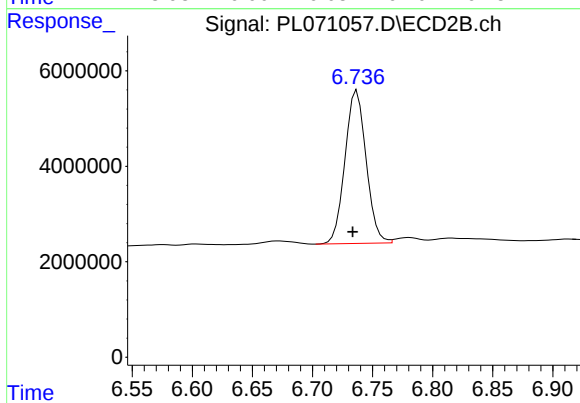
#5 Aldrin

R.T.: 7.497 min
Delta R.T.: 0.004 min
Response: 80856559
Conc: 49.79 ng/ml



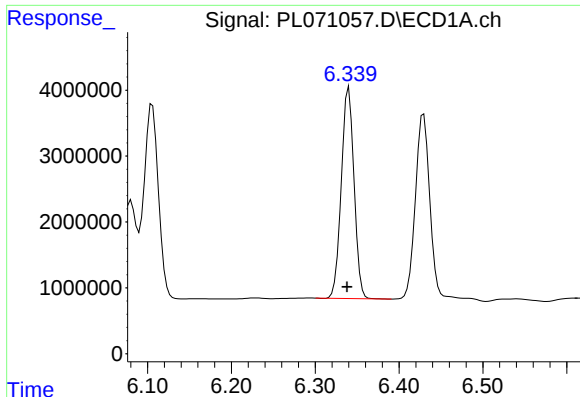
#6 beta-BHC

R.T.: 6.080 min
Delta R.T.: 0.001 min
Response: 15530471
Conc: 47.81 ng/ml



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 39316834
Conc: 45.89 ng/ml



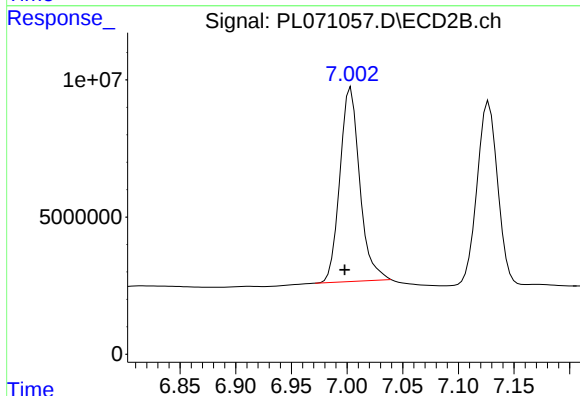
#7 delta-BHC

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 33714671
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

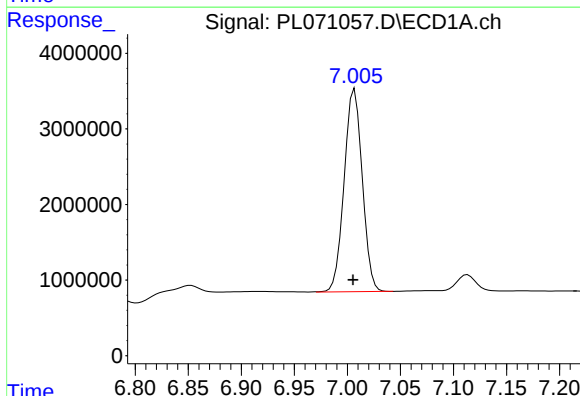
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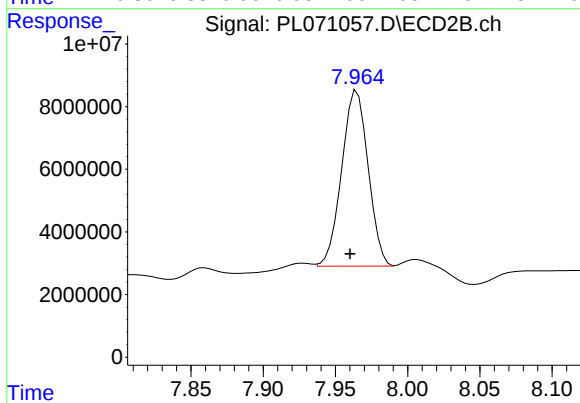
#7 delta-BHC

R.T.: 7.003 min
Delta R.T.: 0.006 min
Response: 88015586
Conc: 52.63 ng/ml



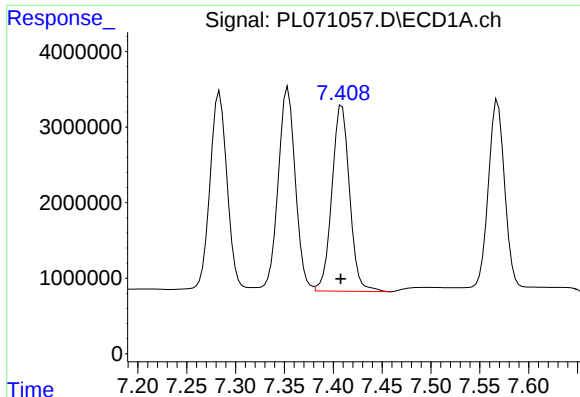
#8 Heptachlor epoxide

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 31774377
Conc: 48.87 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.964 min
Delta R.T.: 0.003 min
Response: 71294993
Conc: 46.78 ng/ml m



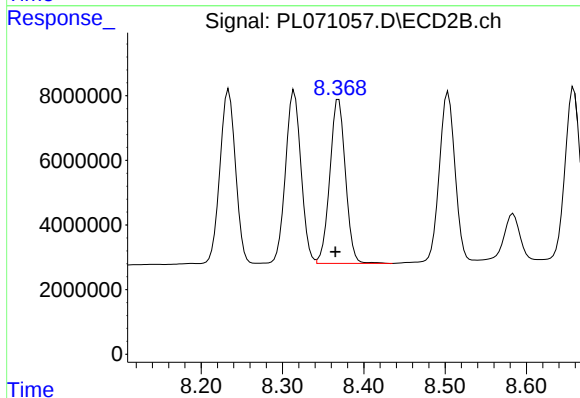
#9 Endosulfan I

R.T.: 7.409 min
Delta R.T.: 0.001 min
Response: 31060223
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

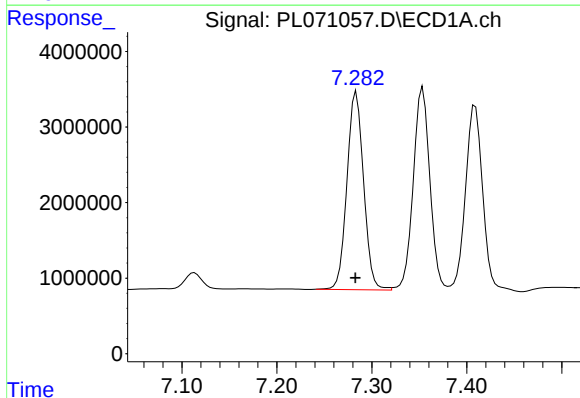
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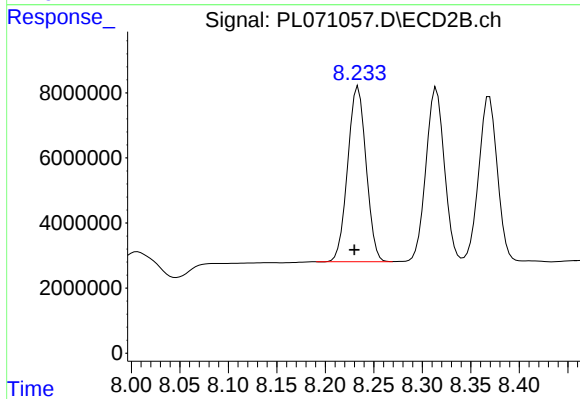
#9 Endosulfan I

R.T.: 8.369 min
Delta R.T.: 0.004 min
Response: 68192781
Conc: 47.40 ng/ml



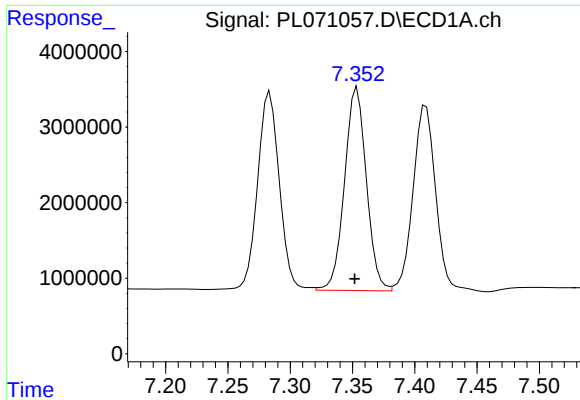
#10 gamma-Chlordane

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 31909979
Conc: 48.07 ng/ml



#10 gamma-Chlordane

R.T.: 8.234 min
Delta R.T.: 0.004 min
Response: 71167652
Conc: 45.96 ng/ml



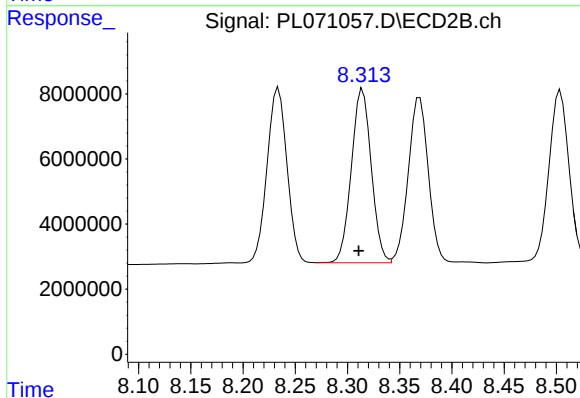
#11 alpha-Chlordane

R.T.: 7.354 min
Delta R.T.: 0.002 min
Response: 32947448
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

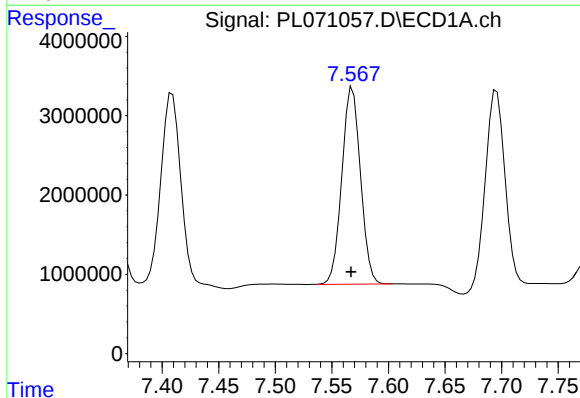
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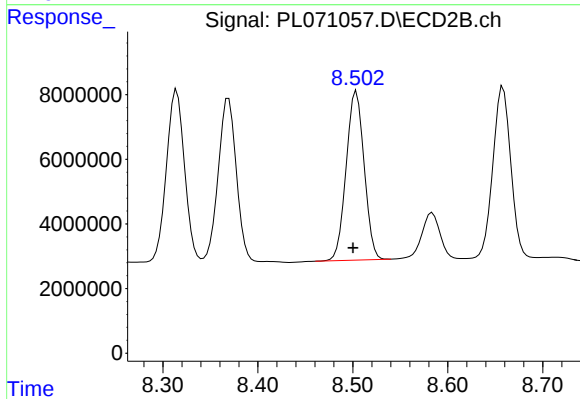
#11 alpha-Chlordane

R.T.: 8.315 min
Delta R.T.: 0.004 min
Response: 70923534
Conc: 46.63 ng/ml



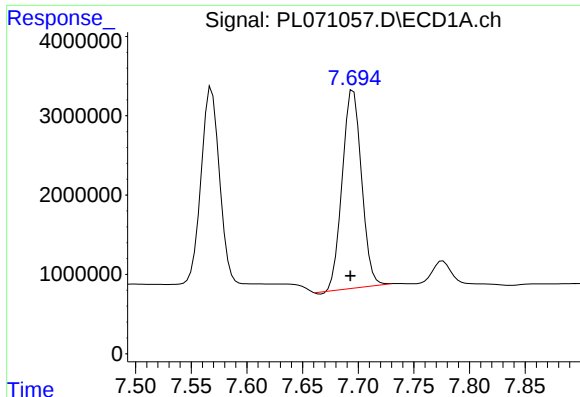
#12 4,4'-DDE

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 28480461
Conc: 48.88 ng/ml m



#12 4,4'-DDE

R.T.: 8.504 min
Delta R.T.: 0.004 min
Response: 68776136
Conc: 46.61 ng/ml



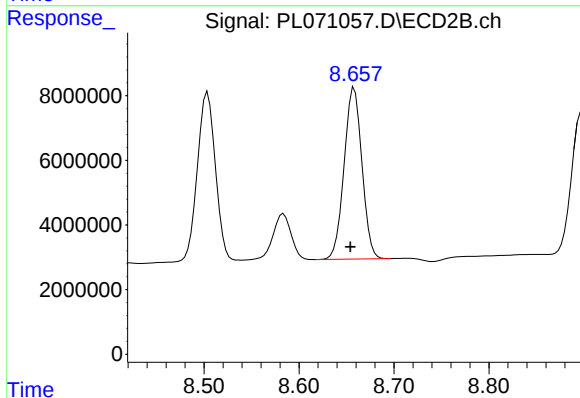
#13 Dieldrin

R.T.: 7.696 min
Delta R.T.: 0.003 min
Response: 30218191
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
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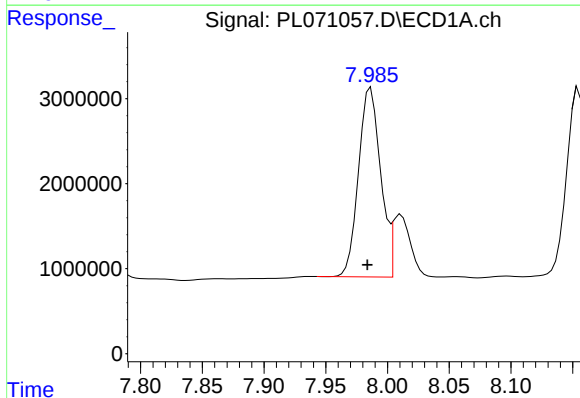
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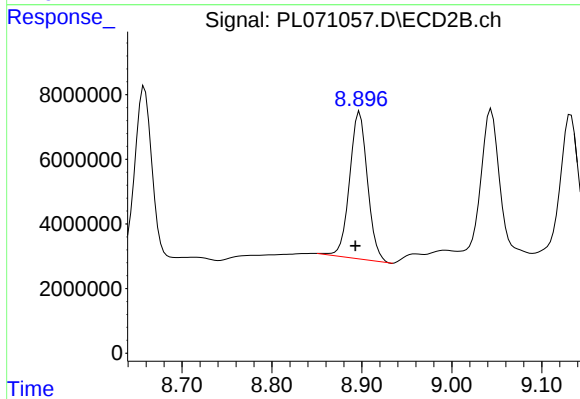
#13 Dieldrin

R.T.: 8.658 min
Delta R.T.: 0.004 min
Response: 69330411
Conc: 47.58 ng/ml



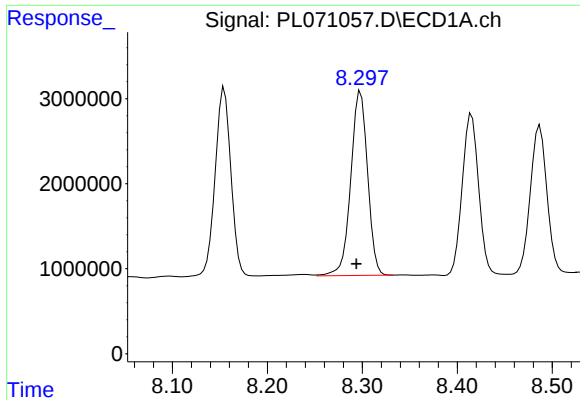
#14 Endrin

R.T.: 7.986 min
Delta R.T.: 0.003 min
Response: 27720563
Conc: 48.89 ng/ml



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.005 min
Response: 62970387
Conc: 54.36 ng/ml



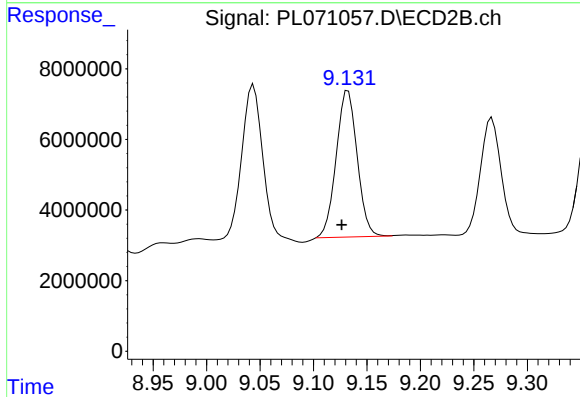
#15 Endosulfan II

R.T.: 8.298 min
Delta R.T.: 0.004 min
Response: 26715557
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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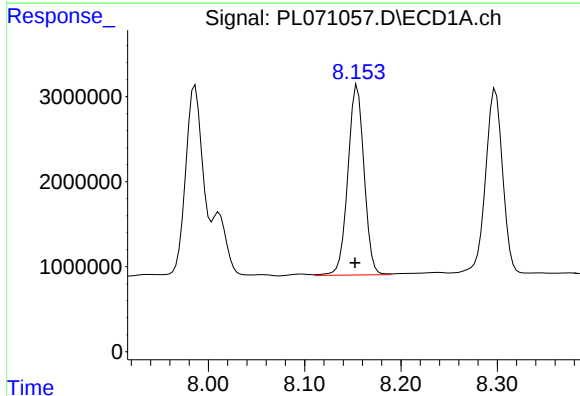
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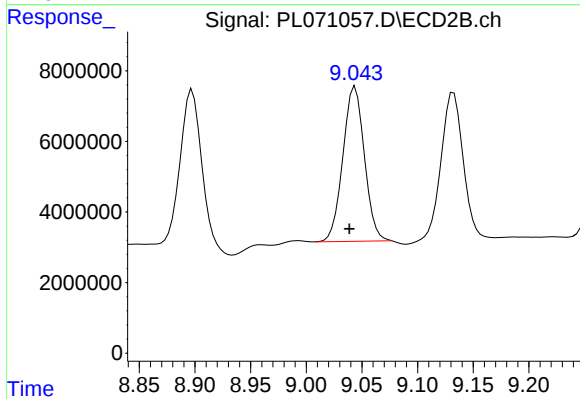
#15 Endosulfan II

R.T.: 9.131 min
Delta R.T.: 0.005 min
Response: 56795628
Conc: 46.50 ng/ml m



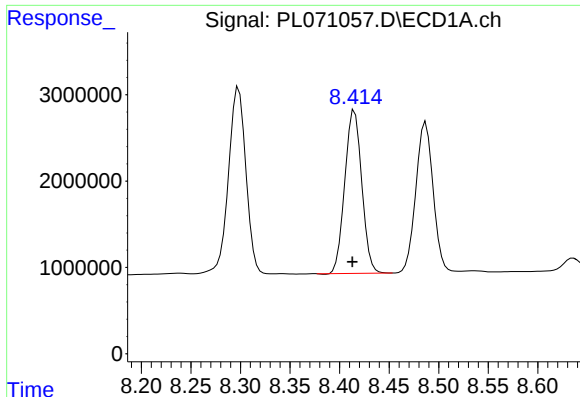
#16 4,4'-DDD

R.T.: 8.155 min
Delta R.T.: 0.002 min
Response: 25952081
Conc: 51.08 ng/ml



#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.005 min
Response: 58991121
Conc: 49.02 ng/ml



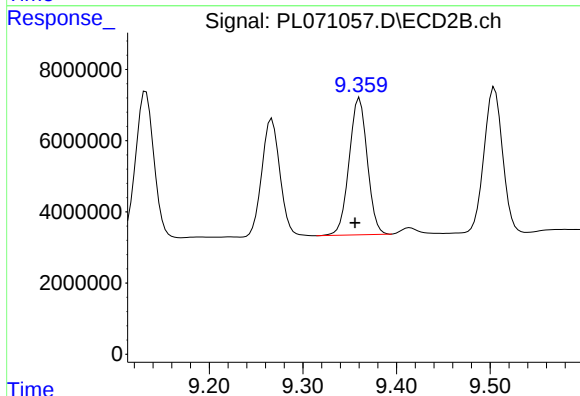
#17 4,4'-DDT

R.T.: 8.415 min
Delta R.T.: 0.002 min
Response: 22494330
Conc: 40.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
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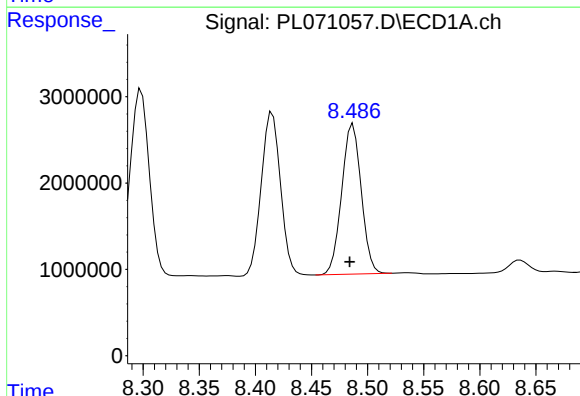
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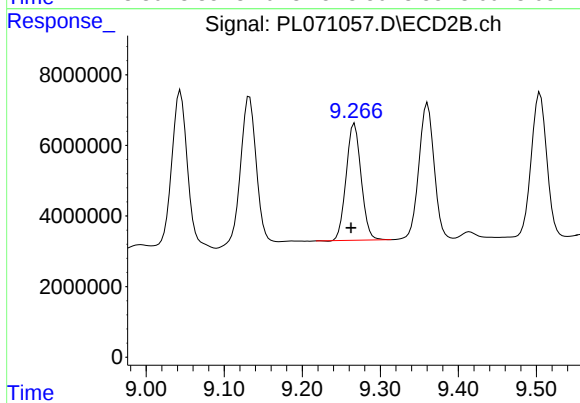
#17 4,4'-DDT

R.T.: 9.361 min
Delta R.T.: 0.005 min
Response: 51798437
Conc: 41.06 ng/ml



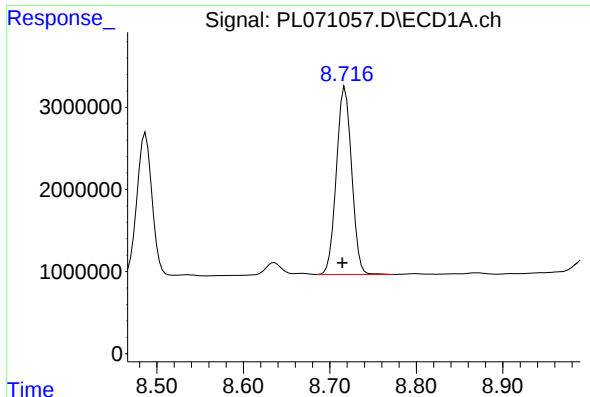
#18 Endrin aldehyde

R.T.: 8.487 min
Delta R.T.: 0.003 min
Response: 21036732
Conc: 46.30 ng/ml



#18 Endrin aldehyde

R.T.: 9.267 min
Delta R.T.: 0.005 min
Response: 43977739
Conc: 45.48 ng/ml



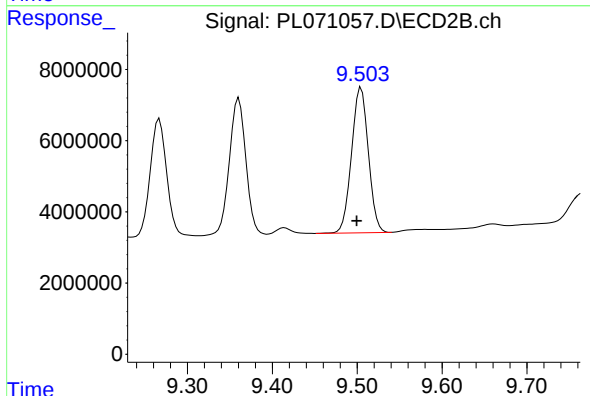
#19 Endosulfan Sulfate

R.T.: 8.718 min
Delta R.T.: 0.003 min
Response: 27845240
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

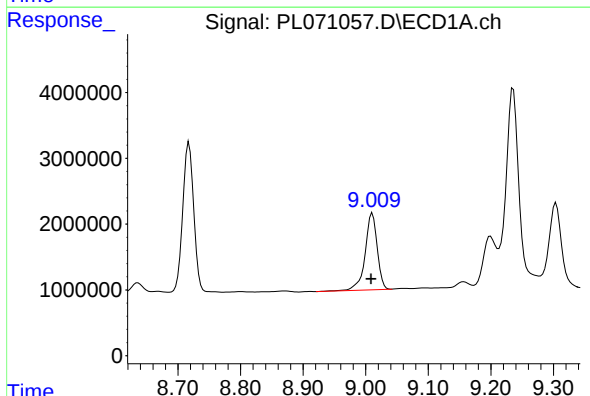
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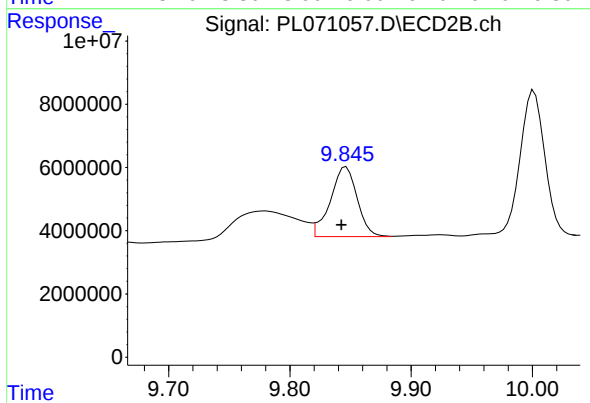
#19 Endosulfan Sulfate

R.T.: 9.505 min
Delta R.T.: 0.005 min
Response: 56165792
Conc: 45.32 ng/ml



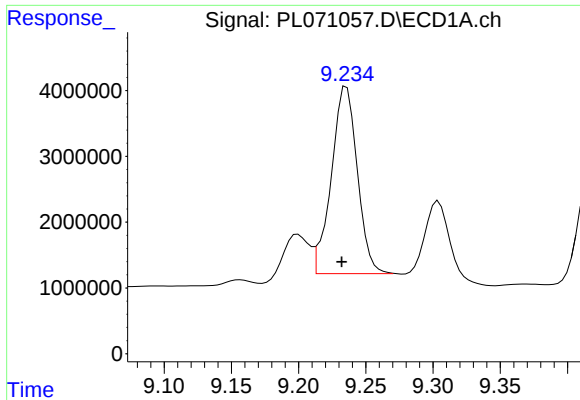
#20 Methoxychlor

R.T.: 9.011 min
Delta R.T.: 0.002 min
Response: 15630949
Conc: 42.73 ng/ml



#20 Methoxychlor

R.T.: 9.845 min
Delta R.T.: 0.003 min
Response: 33600821
Conc: 49.65 ng/ml m



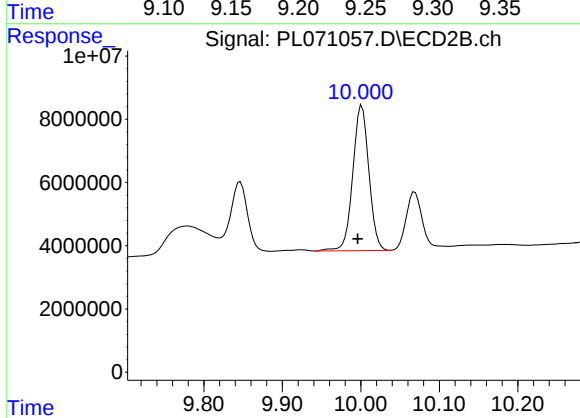
#21 Endrin ketone

R.T.: 9.234 min
Delta R.T.: 0.002 min
Response: 37701936
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

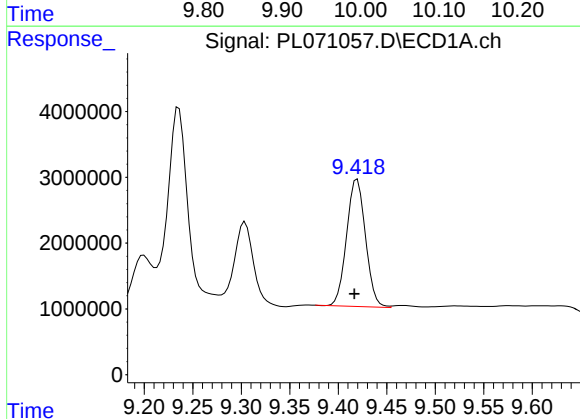
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/19/2021
Supervised By :mohammad ahmed 11/19/2021



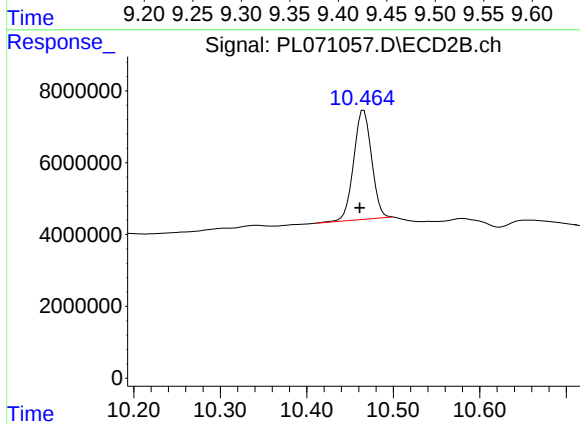
#21 Endrin ketone

R.T.: 10.001 min
Delta R.T.: 0.005 min
Response: 65416033
Conc: 45.57 ng/ml



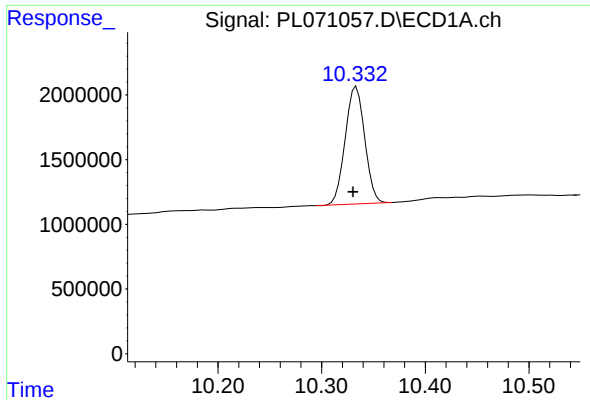
#22 Mirex

R.T.: 9.420 min
Delta R.T.: 0.003 min
Response: 26233558
Conc: 42.72 ng/ml



#22 Mirex

R.T.: 10.466 min
Delta R.T.: 0.005 min
Response: 43958721
Conc: 42.20 ng/ml



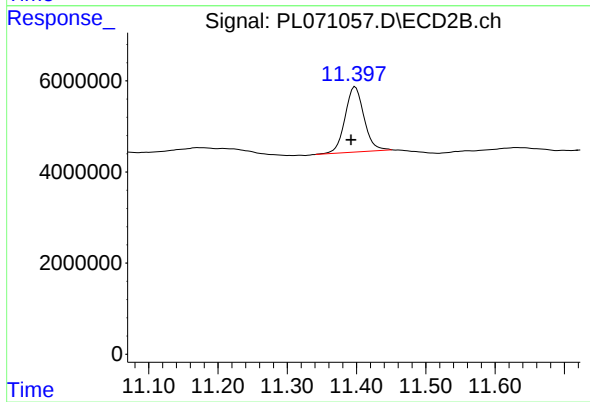
#28 Decachlorobiphenyl

R.T.: 10.333 min
Delta R.T.: 0.003 min
Response: 11855665
Conc: 17.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2-COMPMSD

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#28 Decachlorobiphenyl

R.T.: 11.398 min
Delta R.T.: 0.006 min
Response: 27444828
Conc: 20.52 ng/ml