

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112921\
 Data File : PL071177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2021 13:25
 Operator : AR\AJ
 Sample : M4843-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 L-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/30/2021
 Supervised By : mohammad ahmed 11/30/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 21:03:53 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...	4.565	5.501	10463194	25303144	21.362	20.068
28)	SA Decachlor...	10.329	11.393	11970898	20296419	17.519	15.176
Target Compounds							
2)	A alpha-BHC	5.272	6.081	34198745	93585135	51.088	50.839
3)	MA gamma-BHC...	5.694	6.477	33904553	84412134	50.545	48.679
4)	MA Heptachlor	6.102	7.124	50675133	114.4E6	70.626	70.403
5)	MB Aldrin	6.426	7.493	34300658	107.6E6	53.640	66.278
6)	B beta-BHC	6.078	6.733	12950670	40163249	39.869	46.875
7)	B delta-BHC	6.337	7.000	33854818	79279119	51.155	47.408
8)	B Heptachlo...	7.003	7.960	33964101	94561146	52.240	62.042
9)	A Endosulfan I	7.406	8.366	32696514	63172116	53.376	43.912
10)	B gamma-Chl...	7.280	8.229	75024695	171.5E6	113.019	110.751m
11)	B alpha-Chl...	7.350	8.312	73118305	176.6E6	109.727	116.115
12)	B 4,4'-DDE	7.565	8.500	31288292	66764733	53.702	45.248
13)	MA Dieldrin	7.691	8.655	35040962	75985003	56.136	52.147
14)	MA Endrin	7.983	8.894	29956215	57358935	52.836	49.520
15)	B Endosulfa...	8.295	9.129	36167026	58112122	59.746	47.580
16)	A 4,4'-DDD	8.151	9.039	24303230	55845439	47.832	46.405m
17)	MA 4,4'-DDT	8.412	9.357	26383826	56911246	47.973	45.111
18)	B Endrin al...	8.483	9.262	24259455	46009138	53.398	47.577m
19)	B Endosulfa...	8.714	9.501	28557182	57681796	46.292	46.540
20)	A Methoxychlor	9.007	9.844	16078197	27520853	43.949	40.663
21)	B Endrin ke...	9.232	9.997	32246568	62033838	45.096	43.214
22)	Mirex	9.414	10.462	29570671	50106054	48.150m	48.105

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

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 Data File : PL071177.D
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 Operator : AR\AJ
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

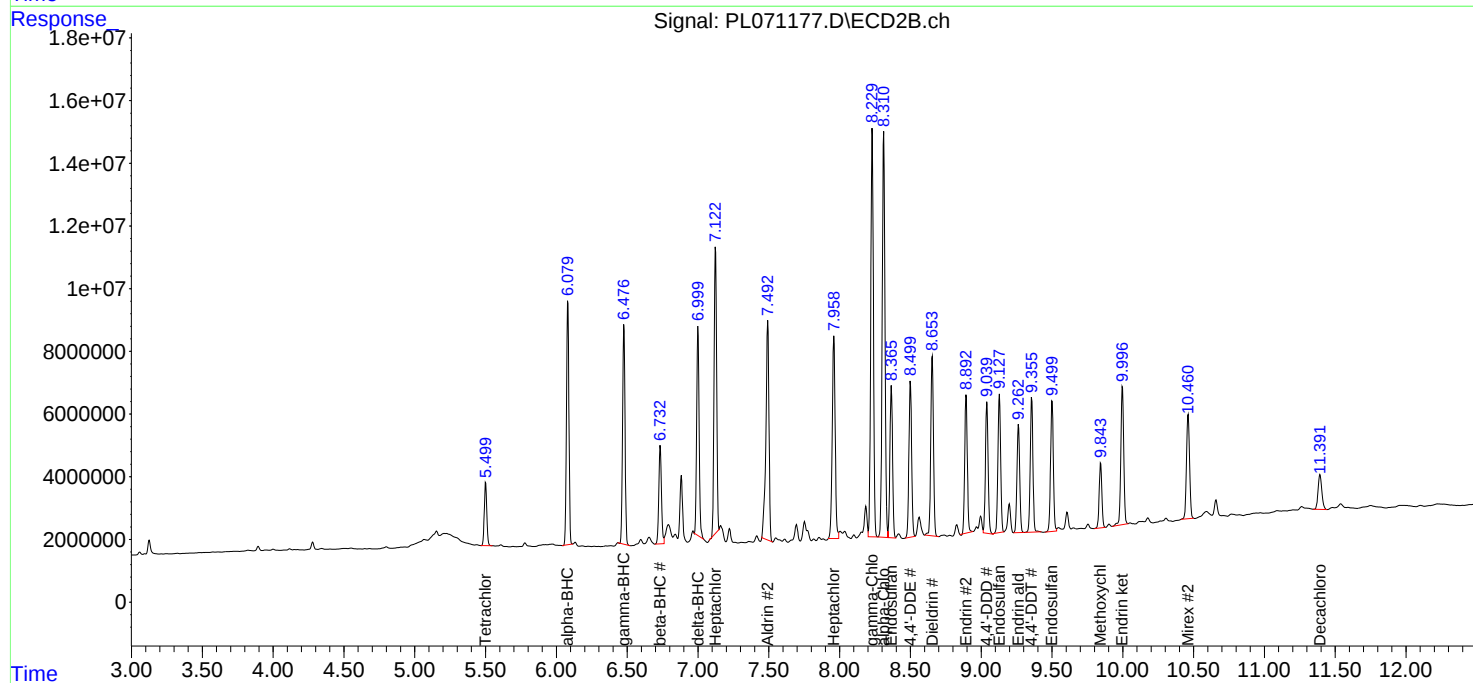
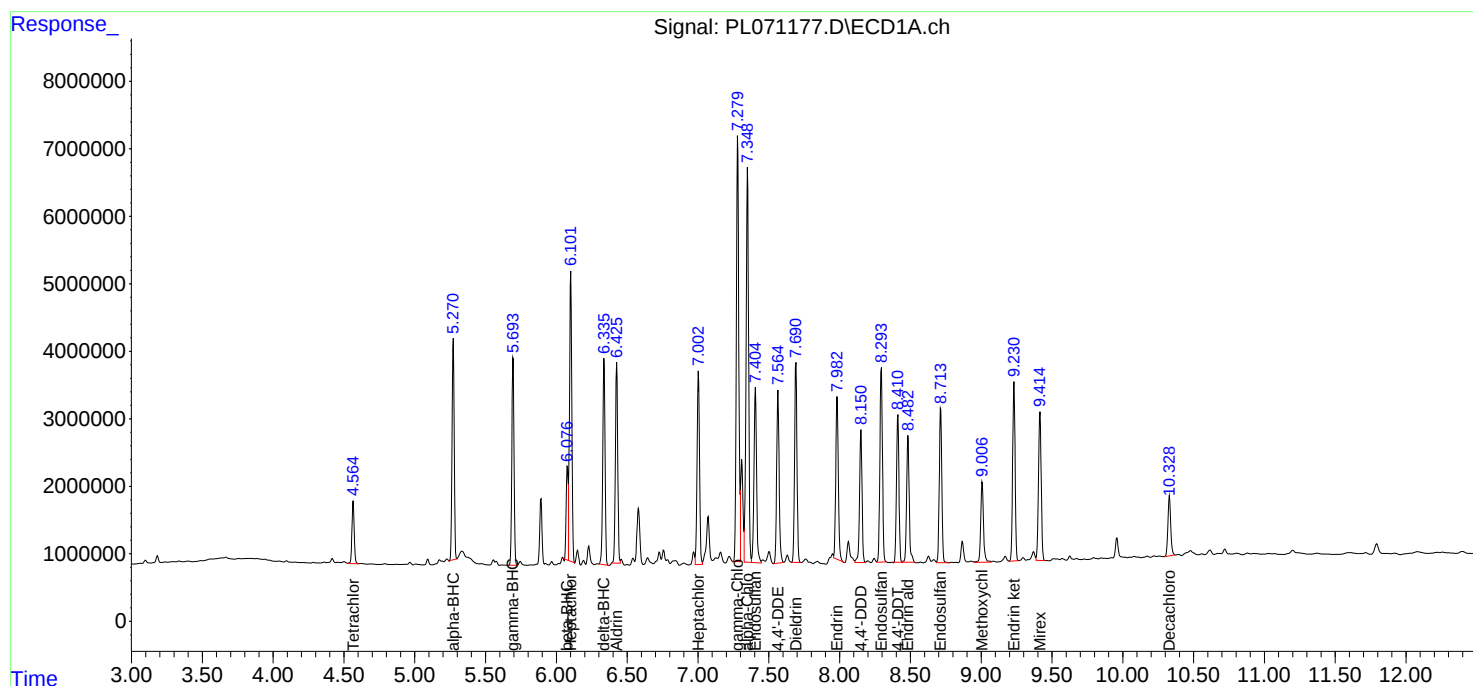
Instrument :
 ECD_L
 ClientSampleId :
 L-1MS

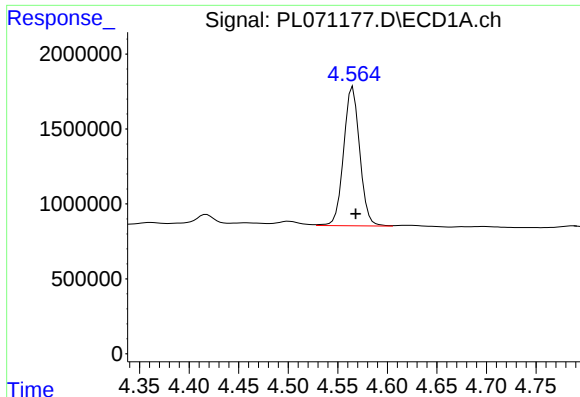
Manual Integrations
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 Supervised By :mohammad ahmed 11/30/2021

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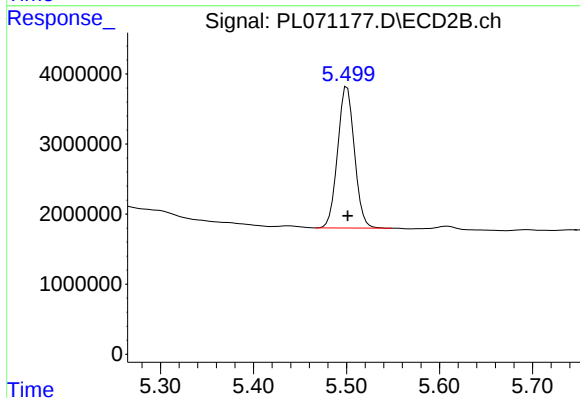
#1 Tetrachloro-m-xylene

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 10463194
Conc: 21.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

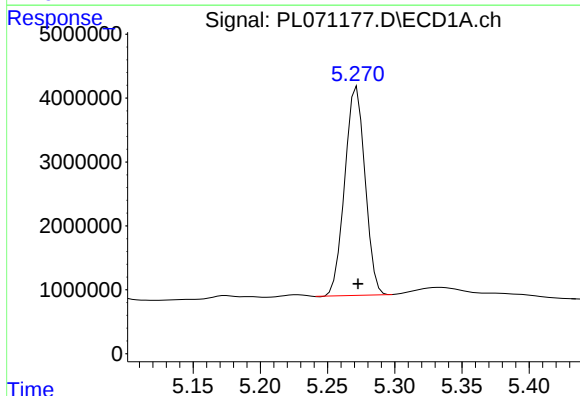
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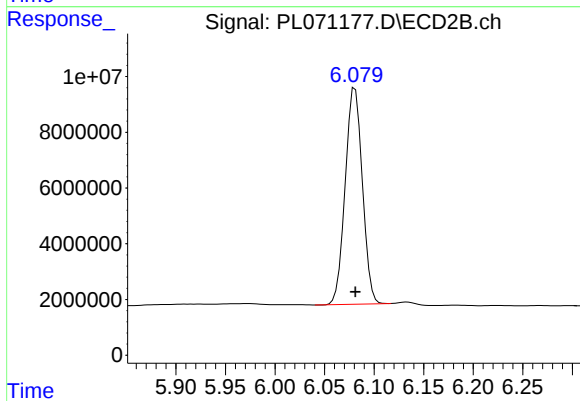
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 25303144
Conc: 20.07 ng/ml



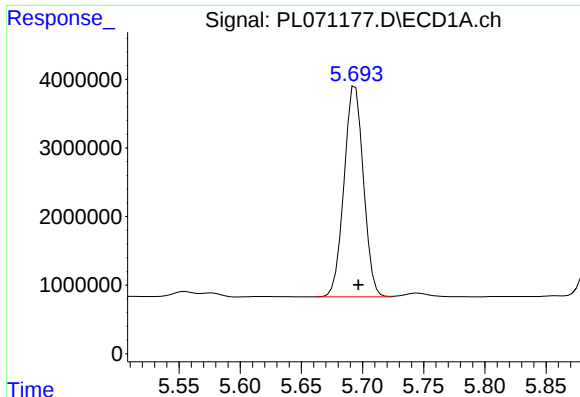
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: -0.001 min
Response: 34198745
Conc: 51.09 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 93585135
Conc: 50.84 ng/ml



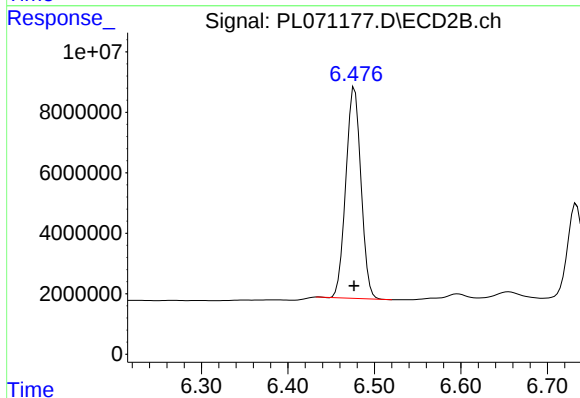
#3 gamma-BHC (Lindane)

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 33904553
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

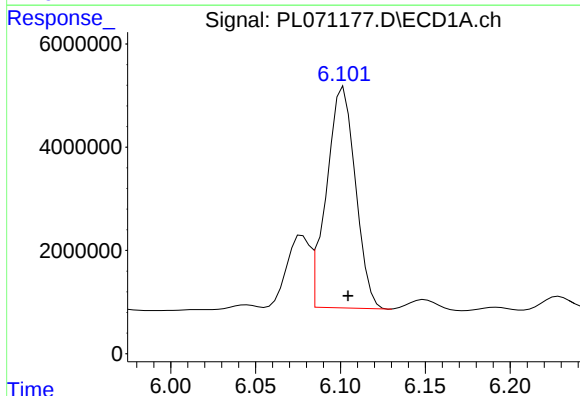
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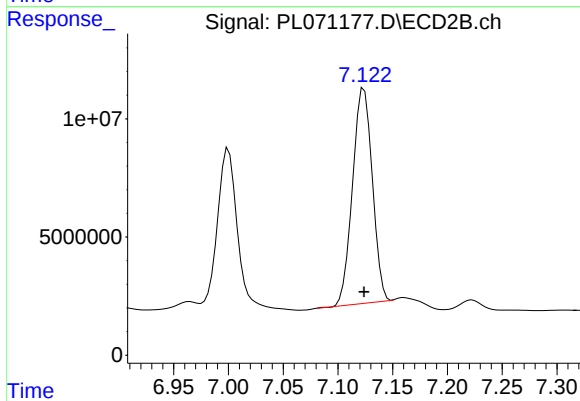
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 84412134
Conc: 48.68 ng/ml



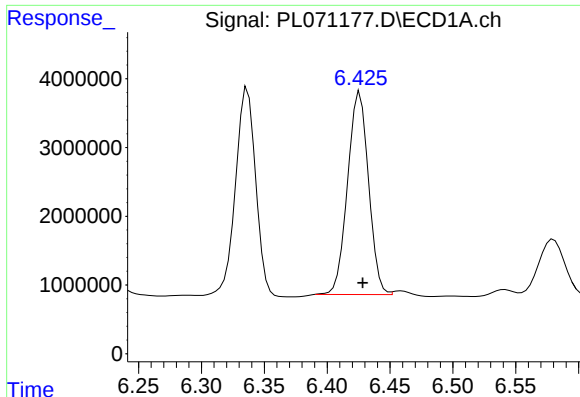
#4 Heptachlor

R.T.: 6.102 min
Delta R.T.: -0.003 min
Response: 50675133
Conc: 70.63 ng/ml



#4 Heptachlor

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 114353650
Conc: 70.40 ng/ml



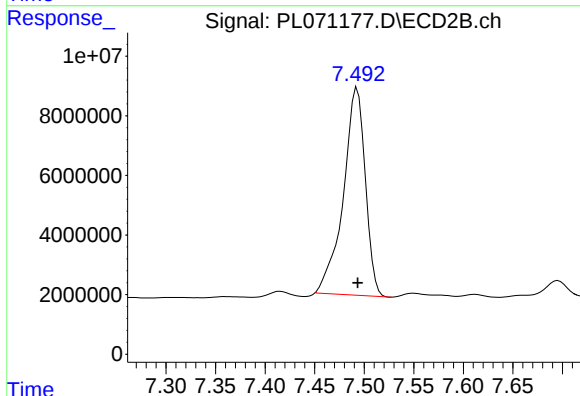
#5 Aldrin

R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 34300658
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

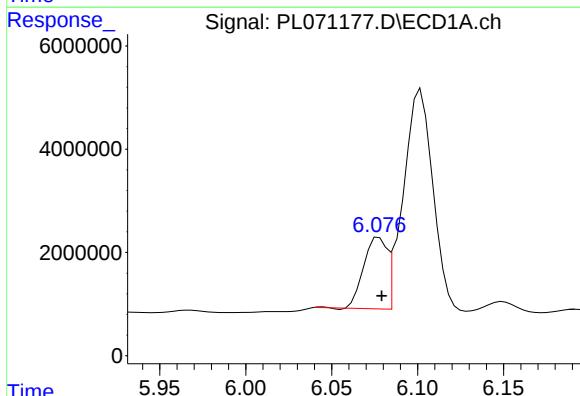
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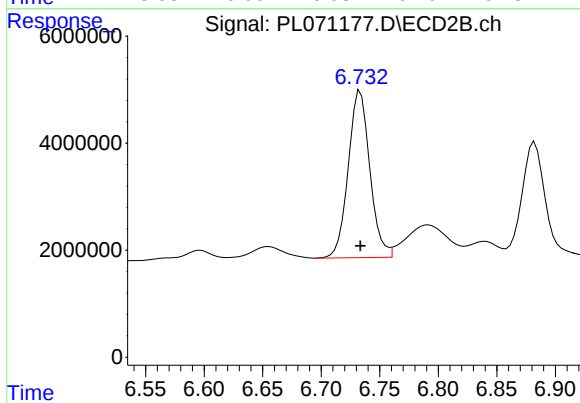
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 107623253
Conc: 66.28 ng/ml



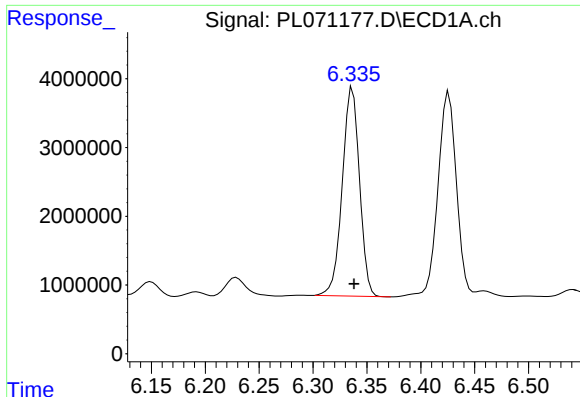
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 12950670
Conc: 39.87 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 40163249
Conc: 46.87 ng/ml



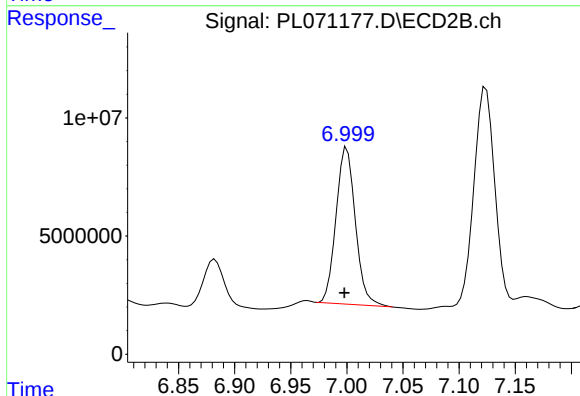
#7 delta-BHC

R.T.: 6.337 min
Delta R.T.: -0.001 min
Response: 33854818
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

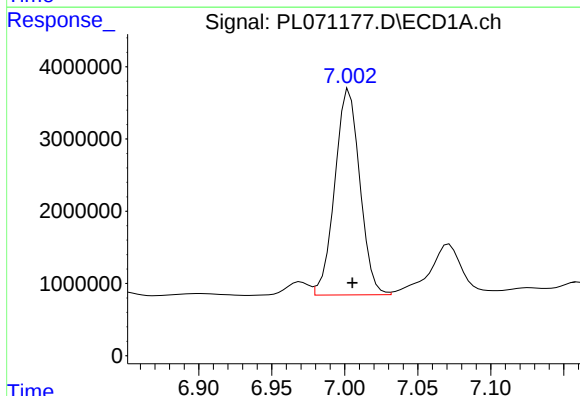
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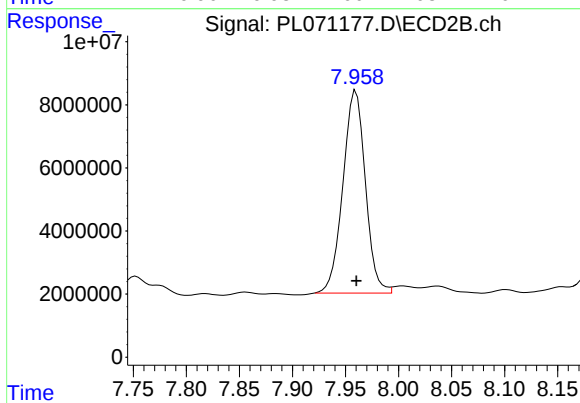
#7 delta-BHC

R.T.: 7.000 min
Delta R.T.: 0.002 min
Response: 79279119
Conc: 47.41 ng/ml



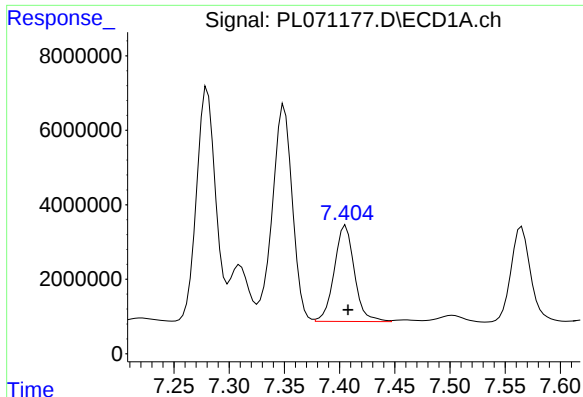
#8 Heptachlor epoxide

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 33964101
Conc: 52.24 ng/ml



#8 Heptachlor epoxide

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 94561146
Conc: 62.04 ng/ml



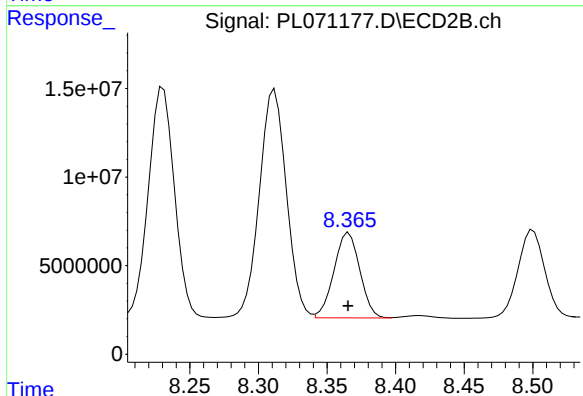
#9 Endosulfan I

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 32696514
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

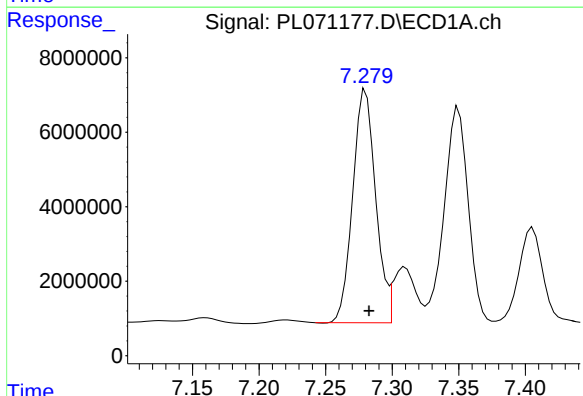
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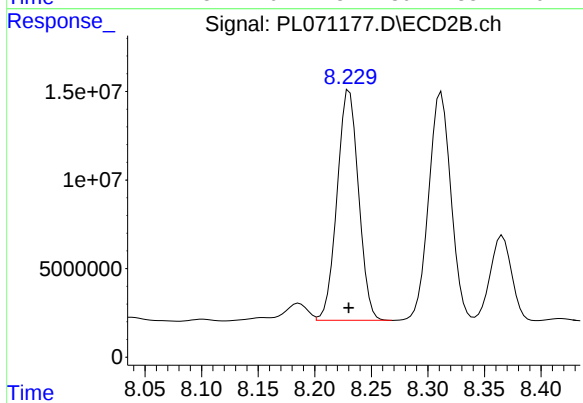
#9 Endosulfan I

R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 63172116
Conc: 43.91 ng/ml



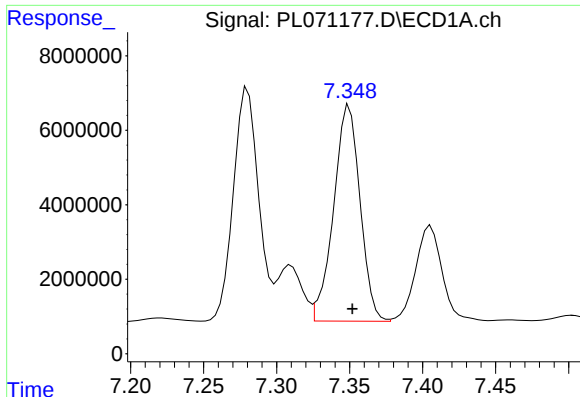
#10 gamma-Chlordane

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 75024695
Conc: 113.02 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 171482620
Conc: 110.75 ng/ml m



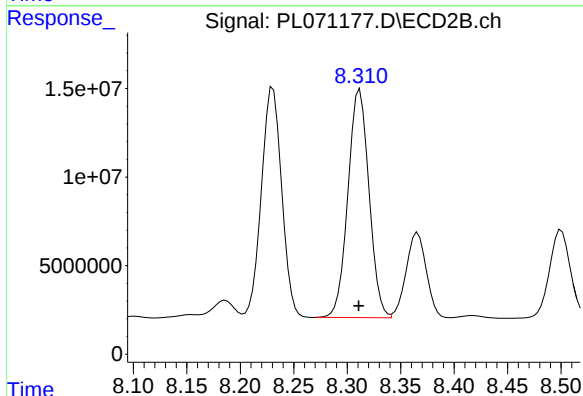
#11 alpha-Chlordane

R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 73118305
Conc: 109.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

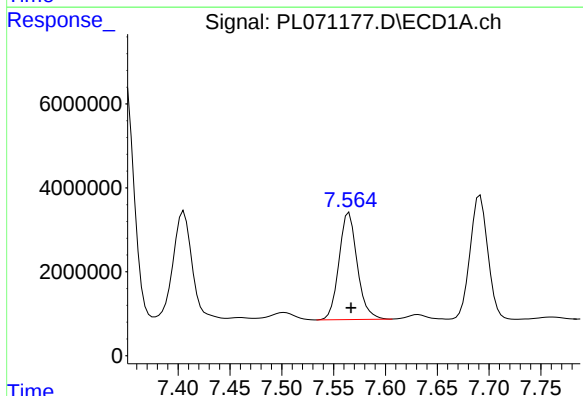
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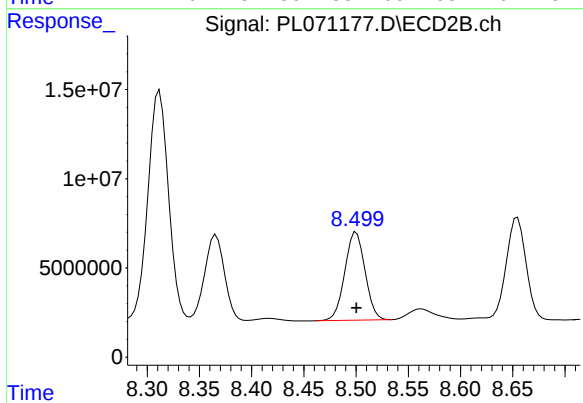
#11 alpha-Chlordane

R.T.: 8.312 min
Delta R.T.: 0.001 min
Response: 176607336
Conc: 116.11 ng/ml



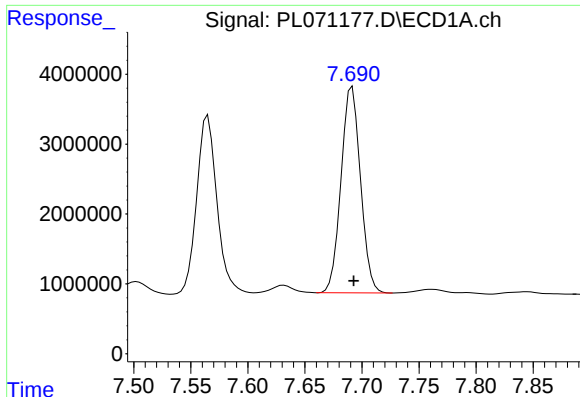
#12 4,4'-DDE

R.T.: 7.565 min
Delta R.T.: -0.002 min
Response: 31288292
Conc: 53.70 ng/ml



#12 4,4'-DDE

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 66764733
Conc: 45.25 ng/ml



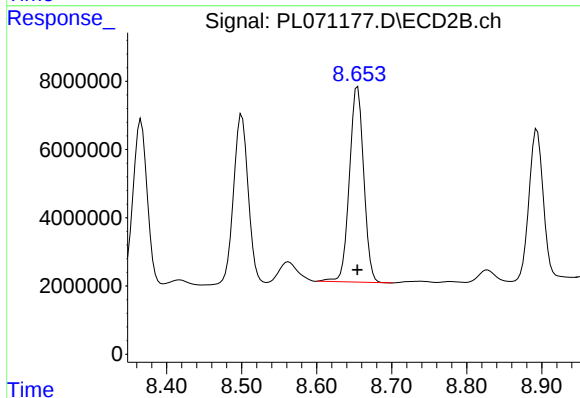
#13 Dieldrin

R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 35040962
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

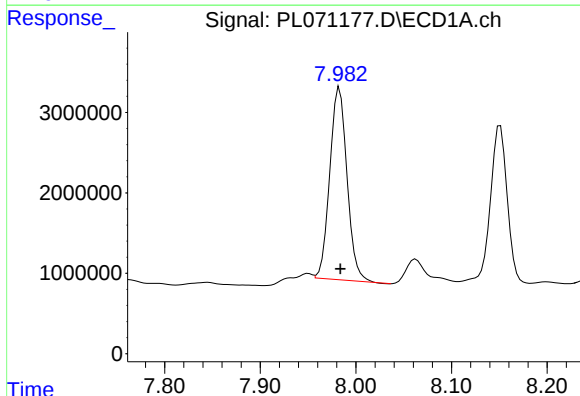
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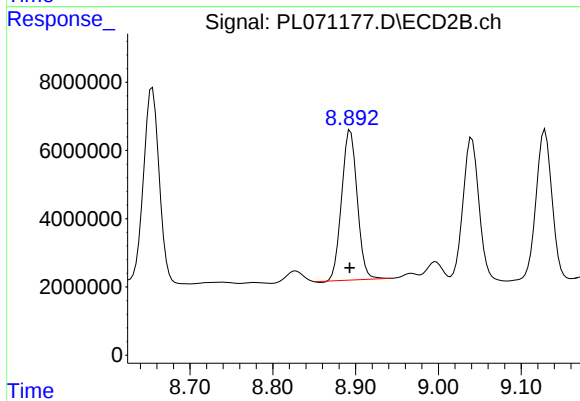
#13 Dieldrin

R.T.: 8.655 min
Delta R.T.: 0.000 min
Response: 75985003
Conc: 52.15 ng/ml



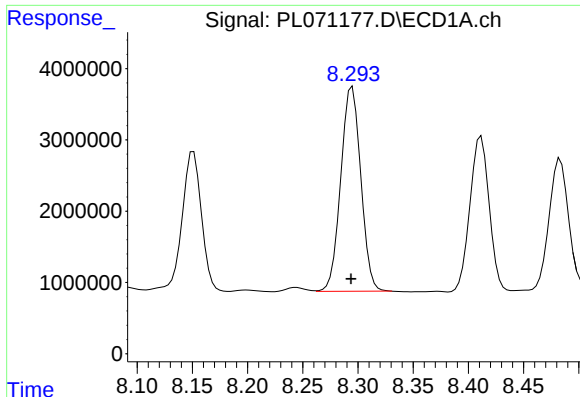
#14 Endrin

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 29956215
Conc: 52.84 ng/ml



#14 Endrin

R.T.: 8.894 min
Delta R.T.: 0.000 min
Response: 57358935
Conc: 49.52 ng/ml



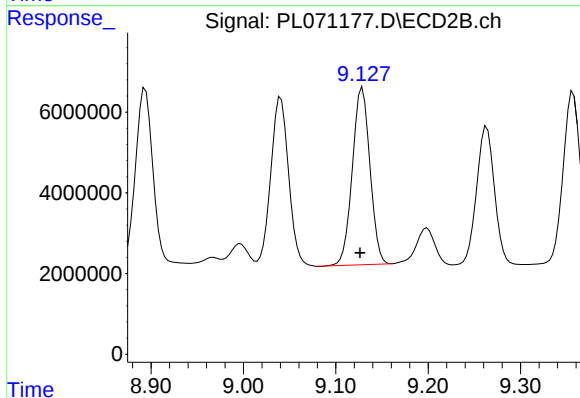
#15 Endosulfan II

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 36167026
Conc: 59.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

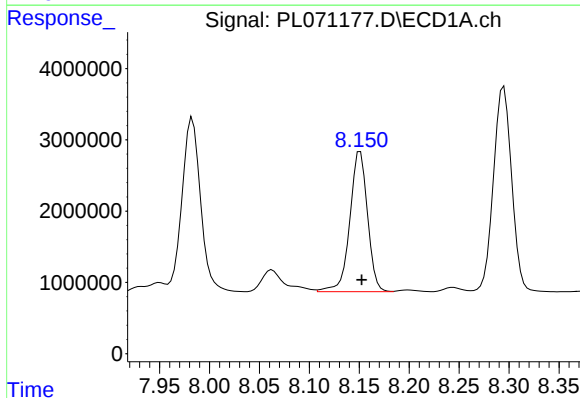
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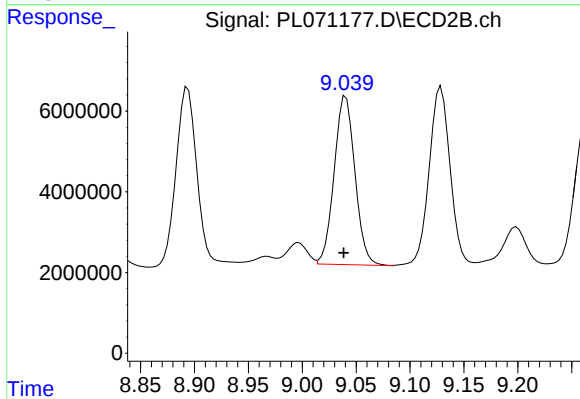
#15 Endosulfan II

R.T.: 9.129 min
Delta R.T.: 0.003 min
Response: 58112122
Conc: 47.58 ng/ml



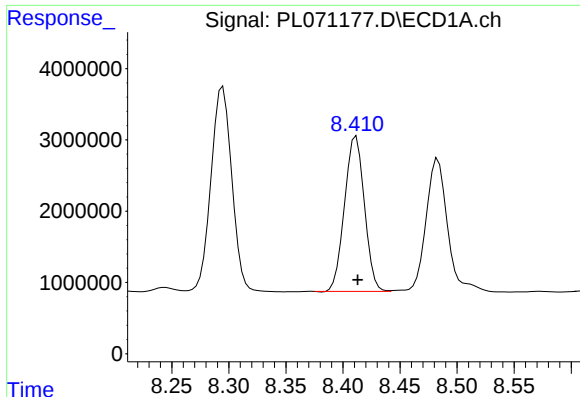
#16 4,4'-DDD

R.T.: 8.151 min
Delta R.T.: -0.001 min
Response: 24303230
Conc: 47.83 ng/ml



#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 55845439
Conc: 46.41 ng/ml m



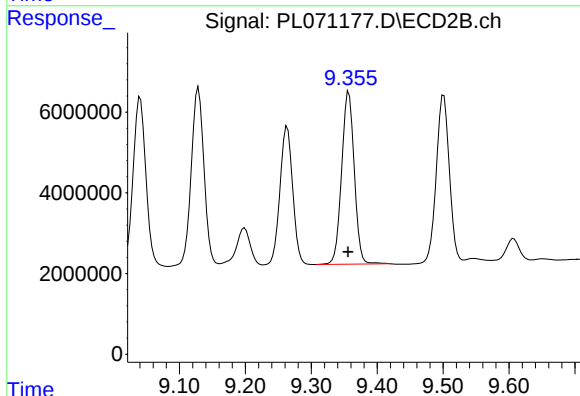
#17 4,4'-DDT

R.T.: 8.412 min
Delta R.T.: -0.002 min
Response: 26383826
Conc: 47.97 ng/ml

Instrument :
ECD_L
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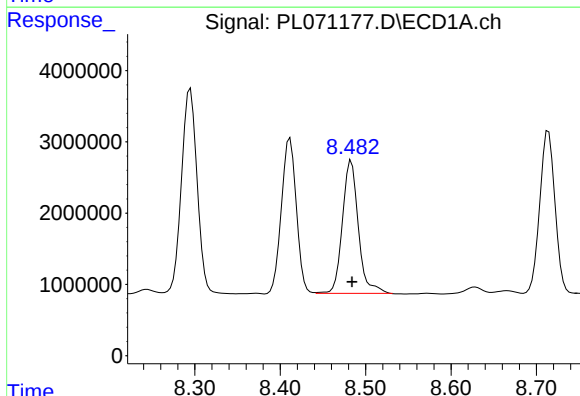
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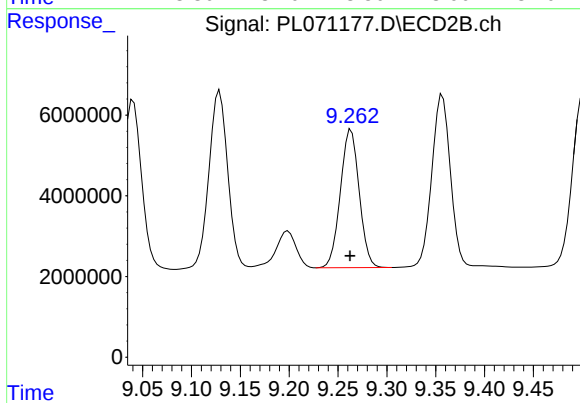
#17 4,4'-DDT

R.T.: 9.357 min
Delta R.T.: 0.001 min
Response: 56911246
Conc: 45.11 ng/ml



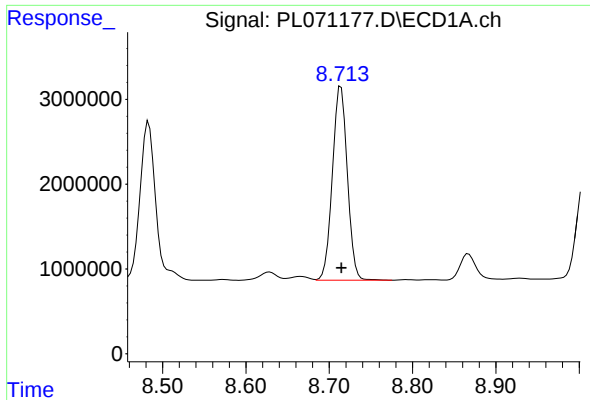
#18 Endrin aldehyde

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 24259455
Conc: 53.40 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 46009138
Conc: 47.58 ng/ml m



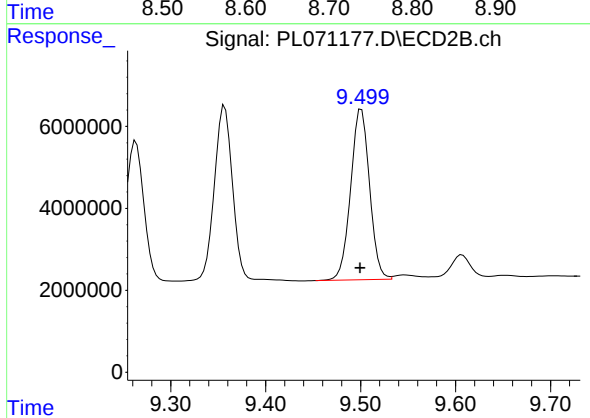
#19 Endosulfan Sulfate

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 28557182
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

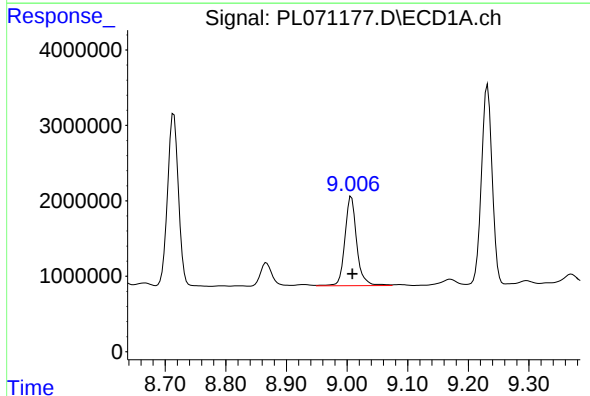
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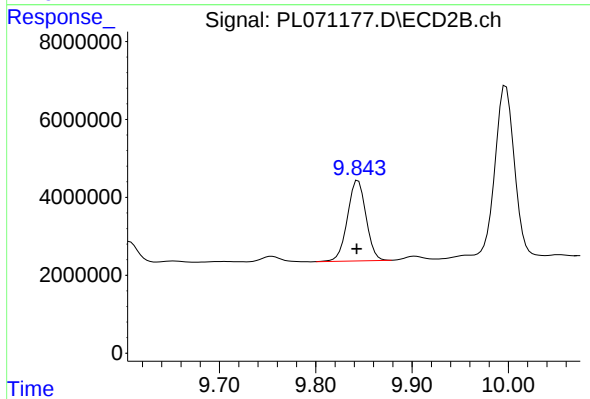
#19 Endosulfan Sulfate

R.T.: 9.501 min
Delta R.T.: 0.001 min
Response: 57681796
Conc: 46.54 ng/ml



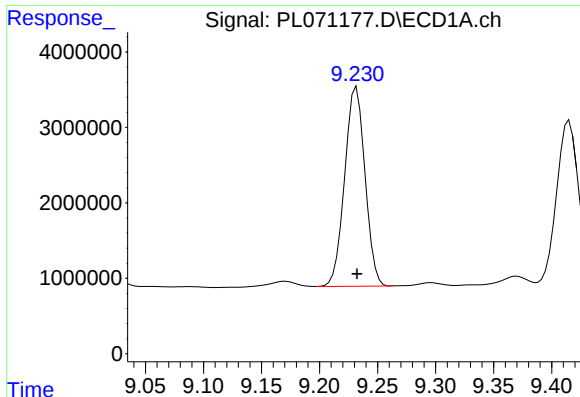
#20 Methoxychlor

R.T.: 9.007 min
Delta R.T.: -0.002 min
Response: 16078197
Conc: 43.95 ng/ml



#20 Methoxychlor

R.T.: 9.844 min
Delta R.T.: 0.001 min
Response: 27520853
Conc: 40.66 ng/ml



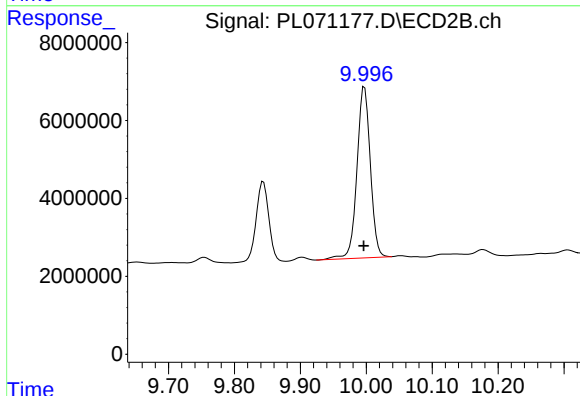
#21 Endrin ketone

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 32246568
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

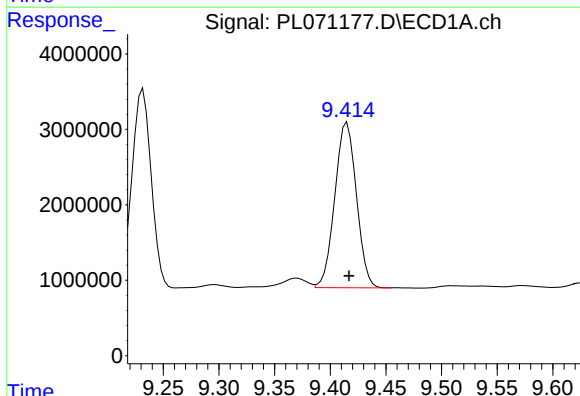
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APPROVED

Reviewed By :Abdul Mirza 11/30/2021
Supervised By :mohammad ahmed 11/30/2021



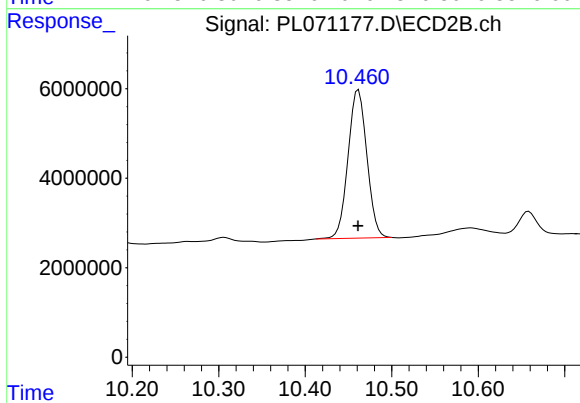
#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: 0.001 min
Response: 62033838
Conc: 43.21 ng/ml



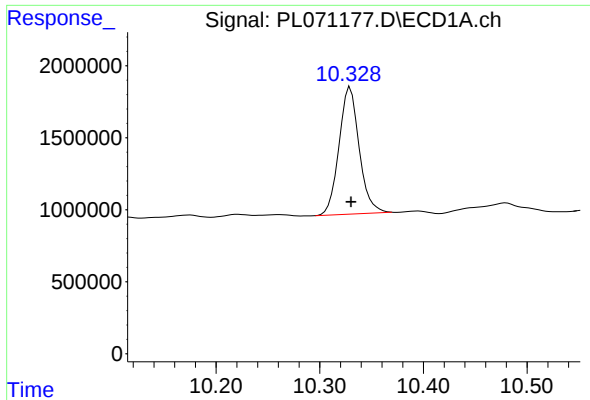
#22 Mirex

R.T.: 9.414 min
Delta R.T.: -0.003 min
Response: 29570671
Conc: 48.15 ng/ml m



#22 Mirex

R.T.: 10.462 min
Delta R.T.: 0.000 min
Response: 50106054
Conc: 48.10 ng/ml



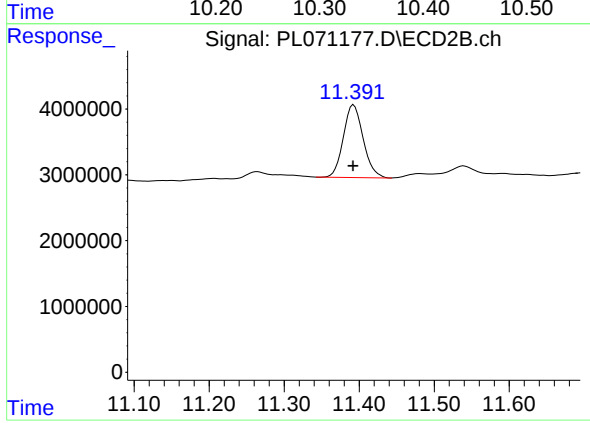
#28 Decachlorobiphenyl

R.T.: 10.329 min
Delta R.T.: 0.000 min
Response: 11970898
Conc: 17.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
L-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.393 min
Delta R.T.: 0.000 min
Response: 20296419
Conc: 15.18 ng/ml