

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032822\
 Data File : PL073701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 13:40
 Operator : AR\AJ
 Sample : PB143643BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143643BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/29/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:45:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.643	5.491	6717756	34873959	20.974	21.248
28)	SA Decachlor...	10.419	11.334	11302603	36751164	22.227	20.552
Target Compounds							
2)	A alpha-BHC	5.351	6.054	21775921	126.1E6	52.828	56.056
3)	MA gamma-BHC...	5.775	6.443	21556475	117.6E6	51.677	55.070
4)	MA Heptachlor	6.186	7.103	22247691	120.8E6	49.308	51.575
5)	MB Aldrin	6.512	7.471	22125922	118.6E6	53.552	56.592
6)	B beta-BHC	6.155	6.680	10329073	51548069	50.166	49.453
7)	B delta-BHC	6.417	6.947	21623804	118.2E6	53.838	54.868
8)	B Heptachlo...	7.088	7.927	22310616	107.8E6	51.767	53.986
9)	A Endosulfan I	7.492	8.328	21132590	95740582	51.515	52.449
10)	B gamma-Chl...	7.366	8.195	22996551	110.0E6	52.587	53.837
11)	B alpha-Chl...	7.436	8.278	23118108	106.9E6	52.311	53.447
12)	B 4,4'-DDE	7.650	8.463	19423407	98718177	54.129	55.077
13)	MA Dieldrin	7.778	8.613	22880209	102.6E6	54.918	55.627
14)	MA Endrin	8.069	8.847	21634329	82279420	55.758	53.448
15)	B Endosulfa...	8.380	9.071	22068796	85868900	56.460	55.910
16)	A 4,4'-DDD	8.236	8.990	17990501	79397008	55.400	54.392
17)	MA 4,4'-DDT	8.496	9.308	18524136	77525541	48.982	47.430
18)	B Endrin al...	8.568	9.202	18342778	70374936	58.001	57.388m
19)	B Endosulfa...	8.799	9.441	22537190	82812053	53.352	52.543
20)	A Methoxychlor	9.092	9.788	12182652	41558475	47.489	46.121
21)	B Endrin ke...	9.319	9.930	27341081	86881677	55.887	52.637
22)	Mirex	9.507	10.407	26865434	75906952	56.971	55.877

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032822\
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Manual Integrations

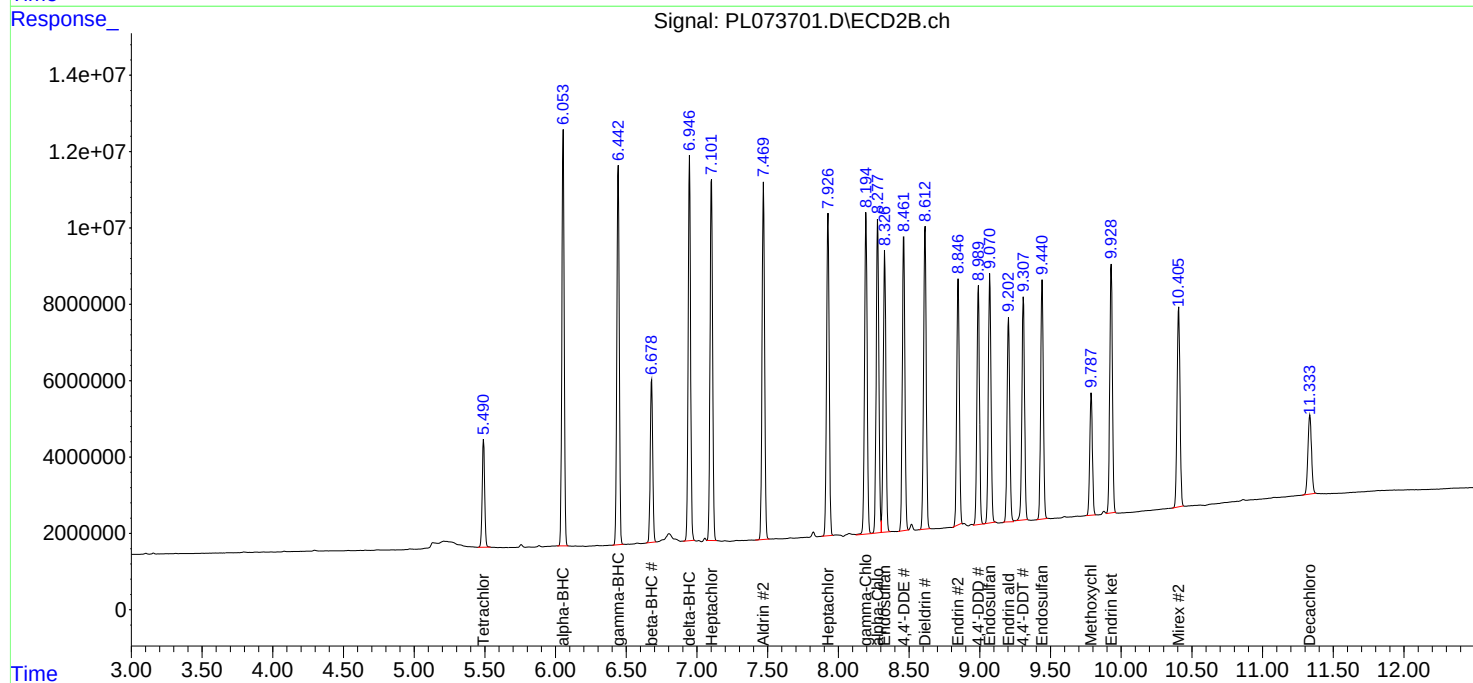
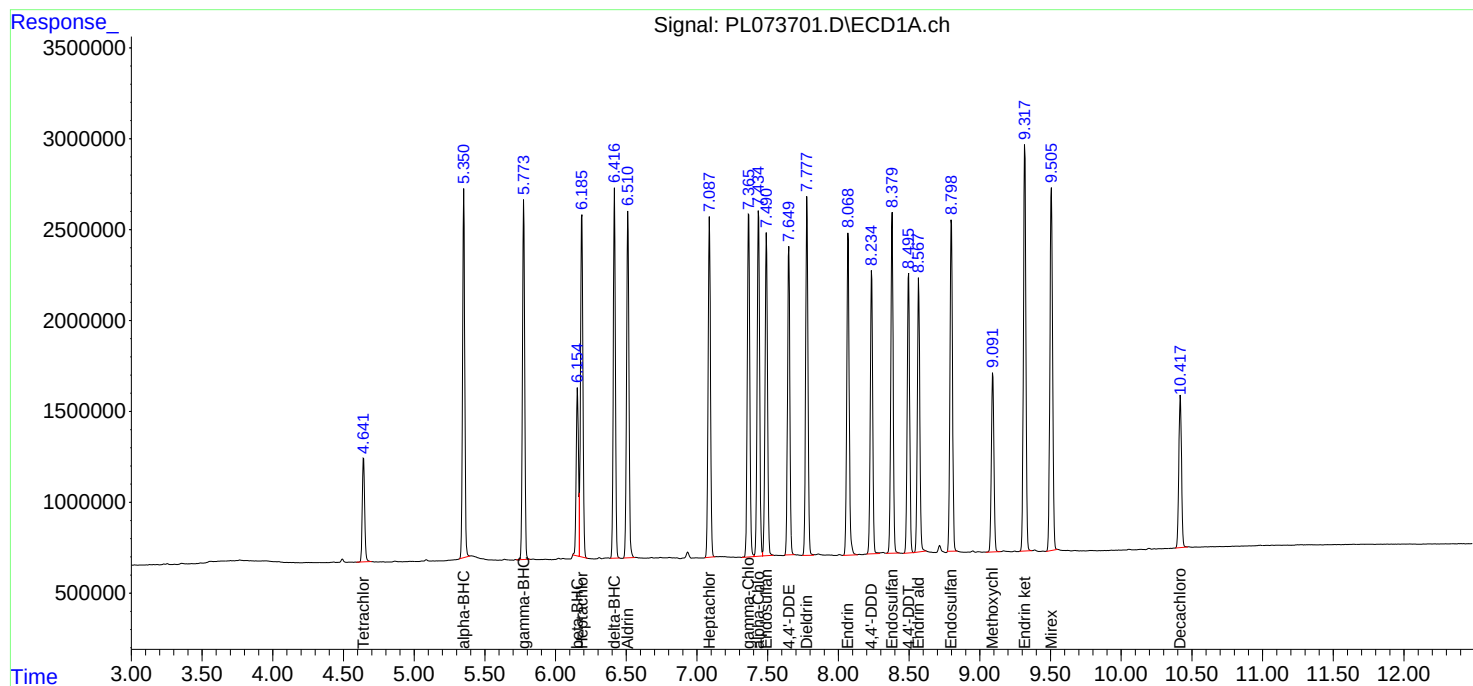
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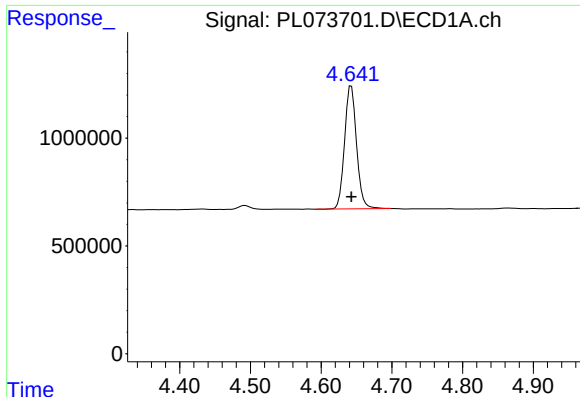
Reviewed By :Abdul Mirza 03/29/2022

Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:45:16 2022
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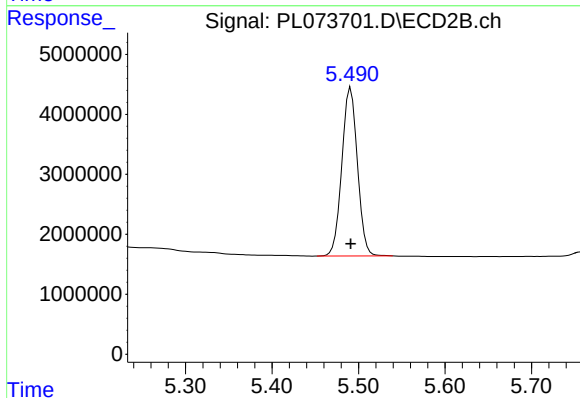
#1 Tetrachloro-m-xylene

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 6717756
Conc: 20.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

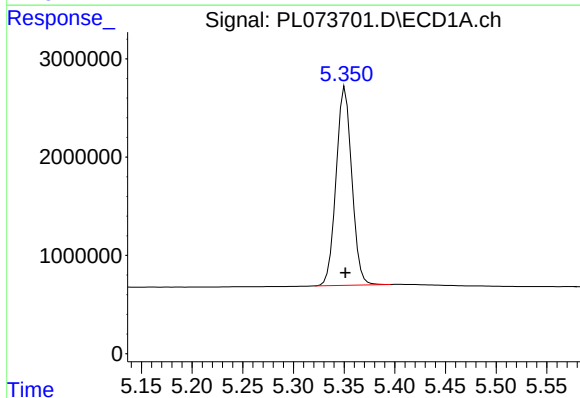
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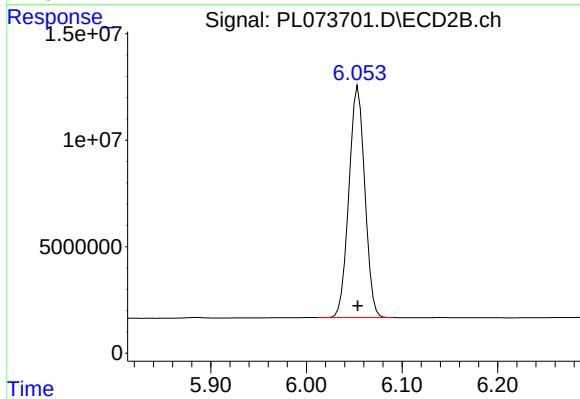
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 34873959
Conc: 21.25 ng/ml



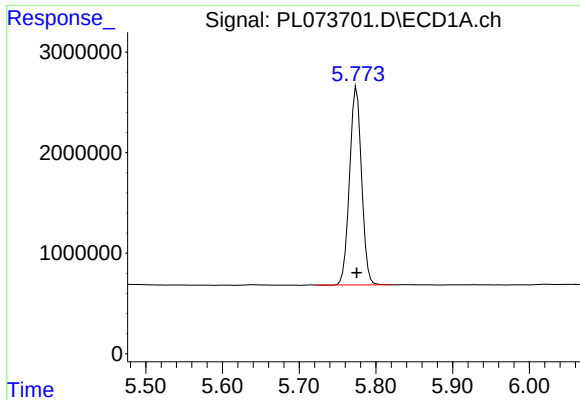
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 21775921
Conc: 52.83 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 126105683
Conc: 56.06 ng/ml



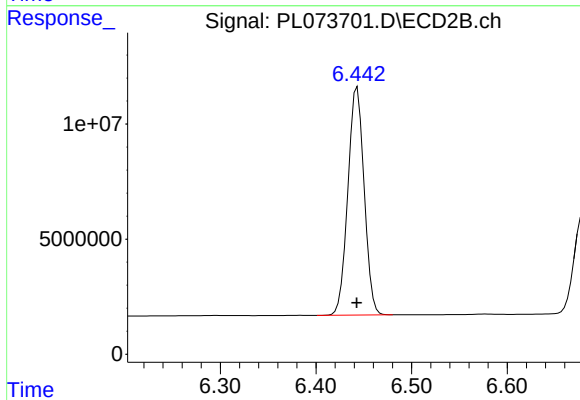
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 21556475
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

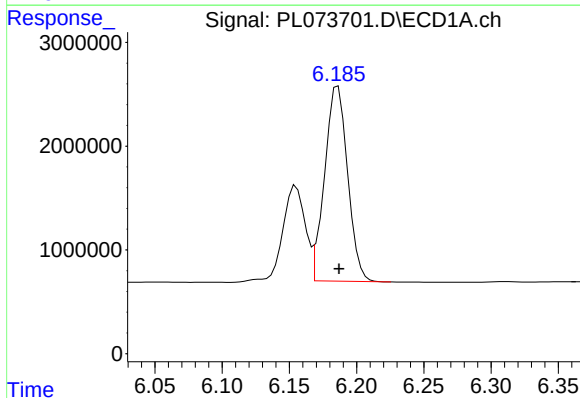
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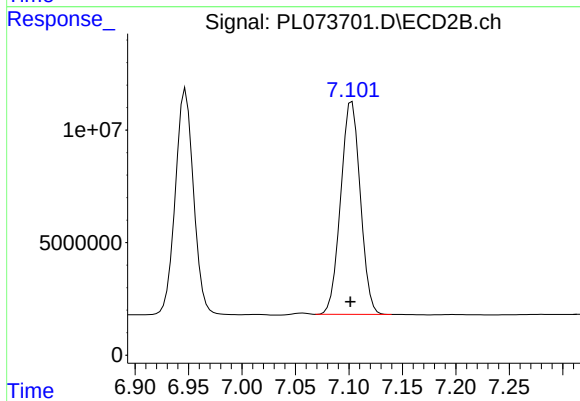
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 117579419
Conc: 55.07 ng/ml



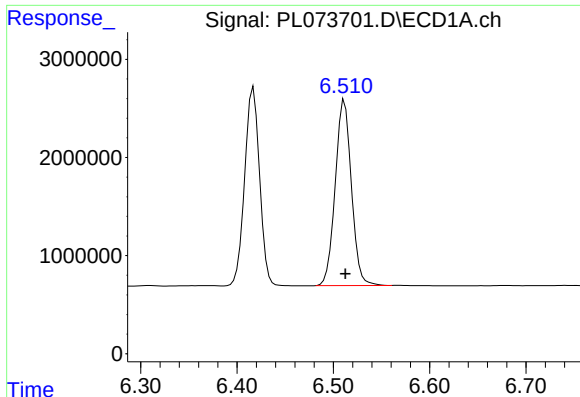
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 22247691
Conc: 49.31 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 120844744
Conc: 51.57 ng/ml



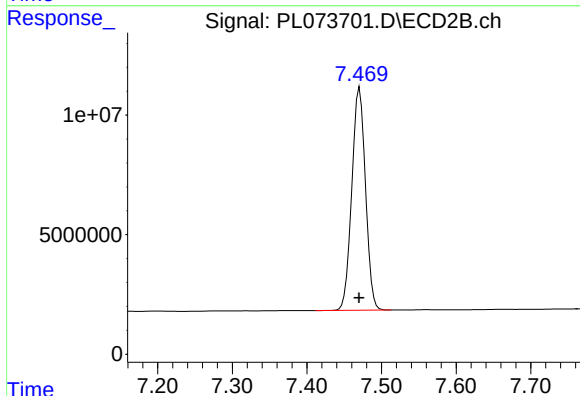
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 22125922
Conc: 53.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

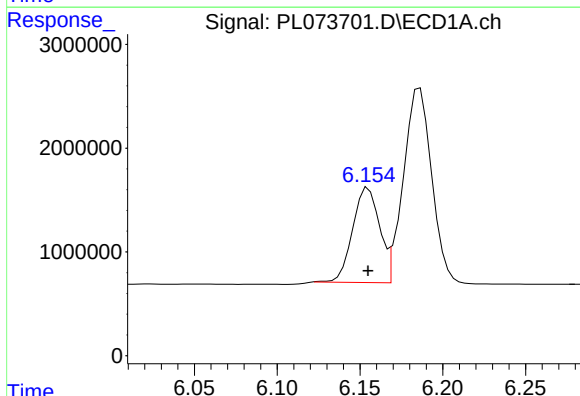
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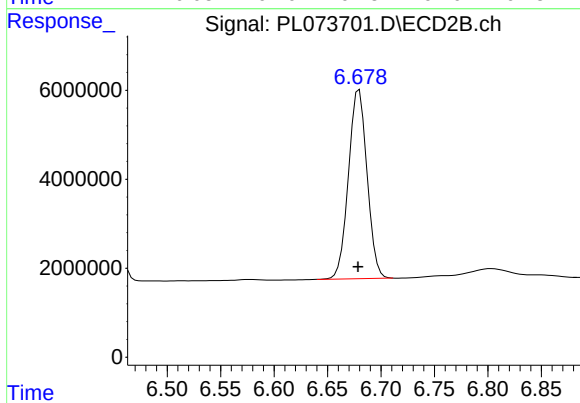
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 118558262
Conc: 56.59 ng/ml



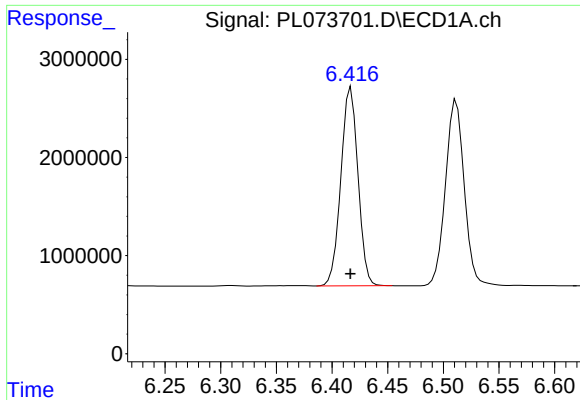
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 10329073
Conc: 50.17 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 51548069
Conc: 49.45 ng/ml



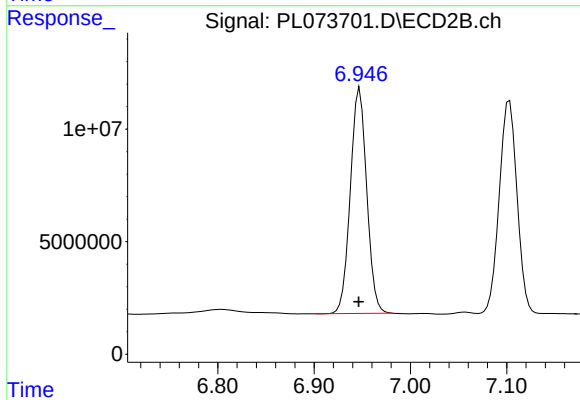
#7 delta-BHC

R.T.: 6.417 min
Delta R.T.: 0.000 min
Response: 21623804
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

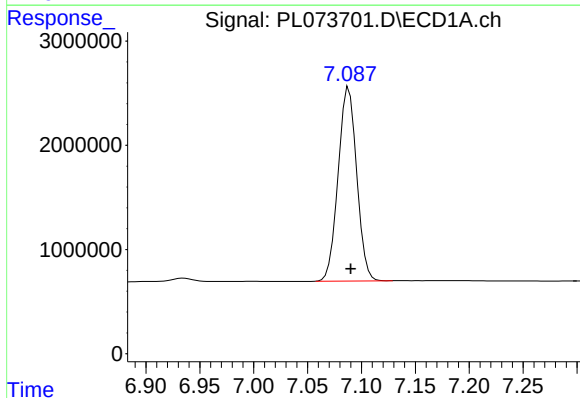
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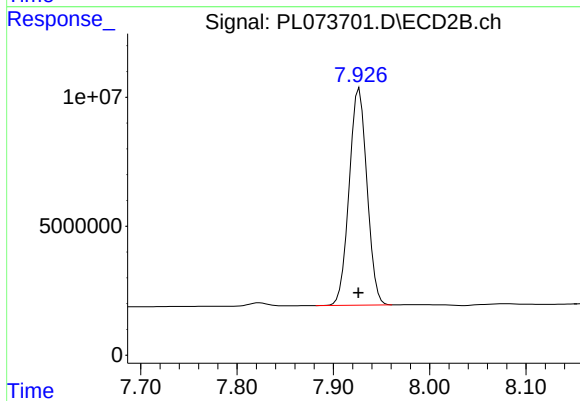
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 118162005
Conc: 54.87 ng/ml



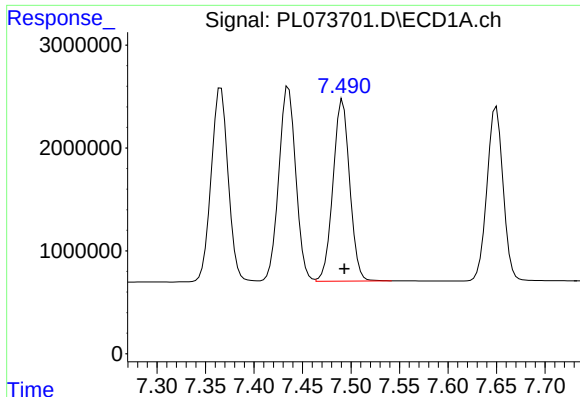
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 22310616
Conc: 51.77 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 107827489
Conc: 53.99 ng/ml



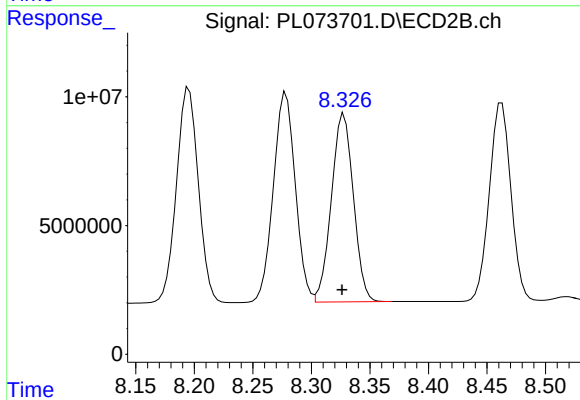
#9 Endosulfan I

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 21132590
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

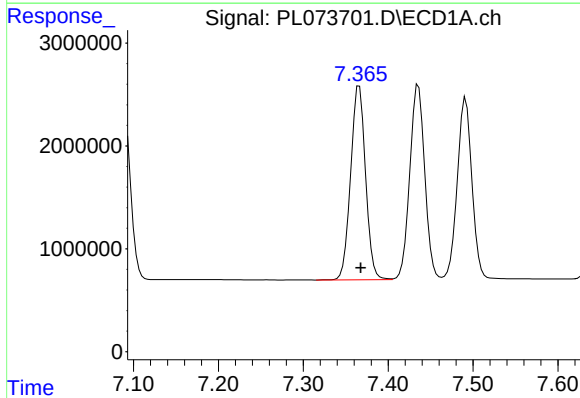
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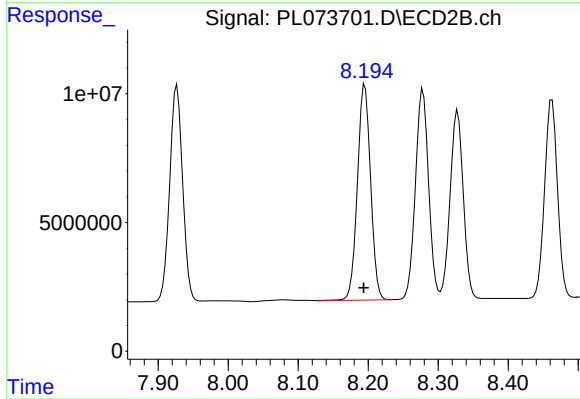
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.001 min
Response: 95740582
Conc: 52.45 ng/ml



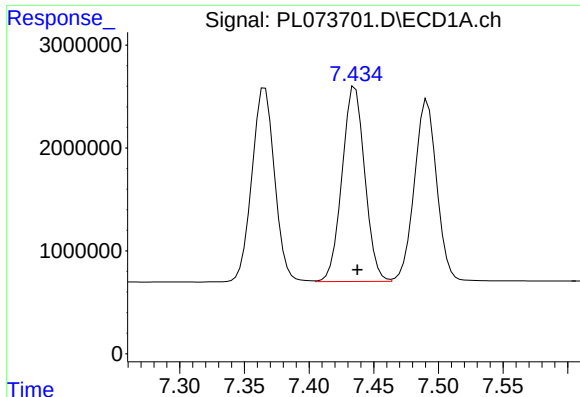
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 22996551
Conc: 52.59 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 109957354
Conc: 53.84 ng/ml



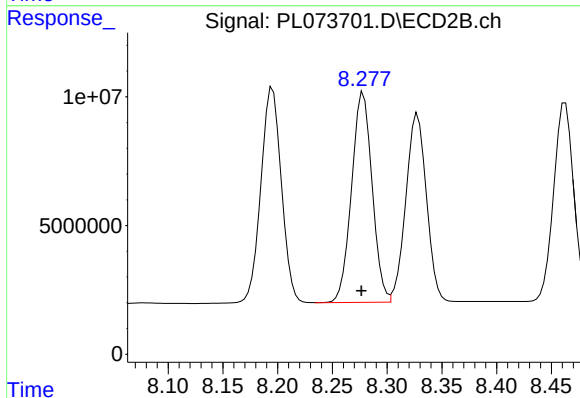
#11 alpha-Chlordane

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 23118108
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

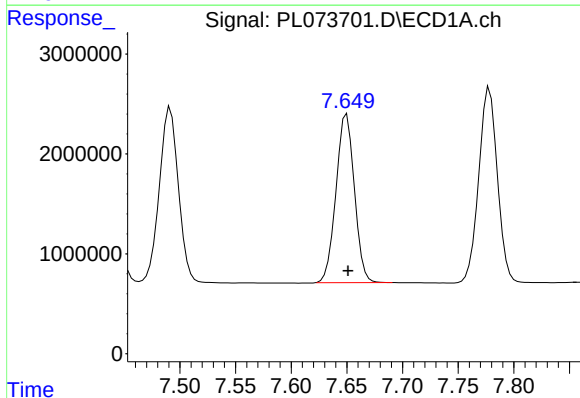
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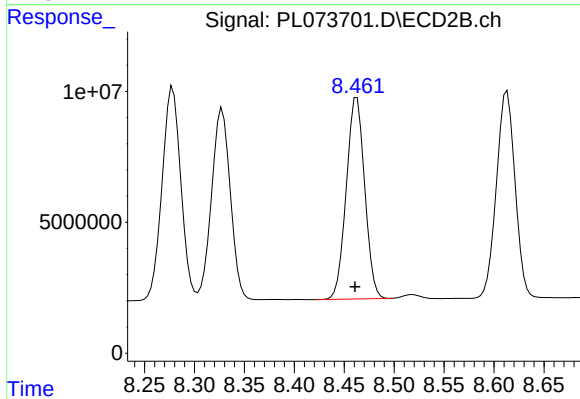
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.002 min
Response: 106893445
Conc: 53.45 ng/ml



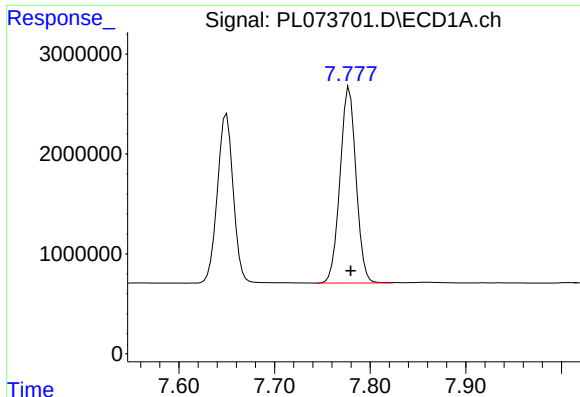
#12 4,4'-DDE

R.T.: 7.650 min
Delta R.T.: -0.001 min
Response: 19423407
Conc: 54.13 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 98718177
Conc: 55.08 ng/ml



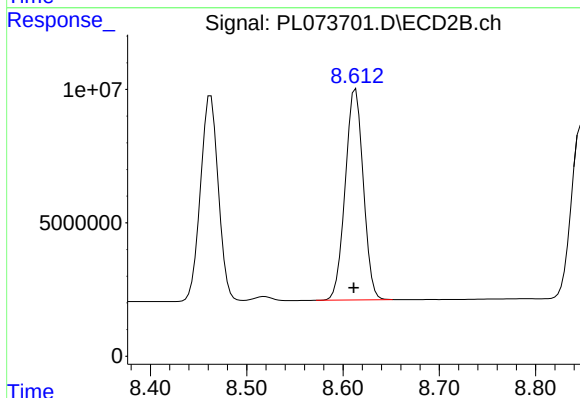
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.001 min
Response: 22880209
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

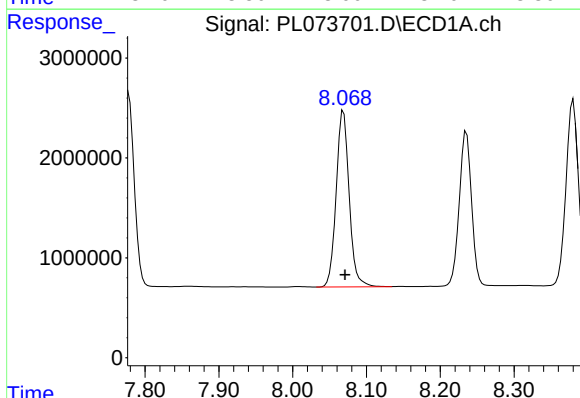
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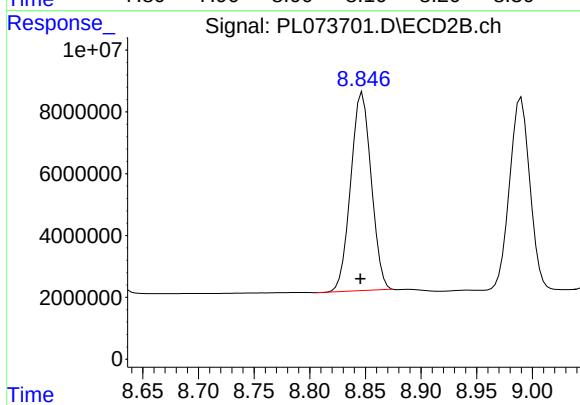
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 102616782
Conc: 55.63 ng/ml



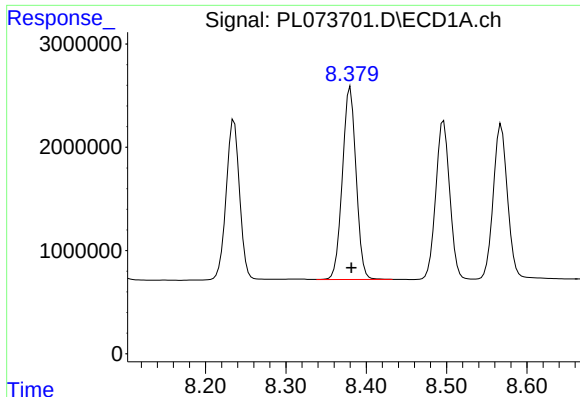
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 21634329
Conc: 55.76 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 82279420
Conc: 53.45 ng/ml



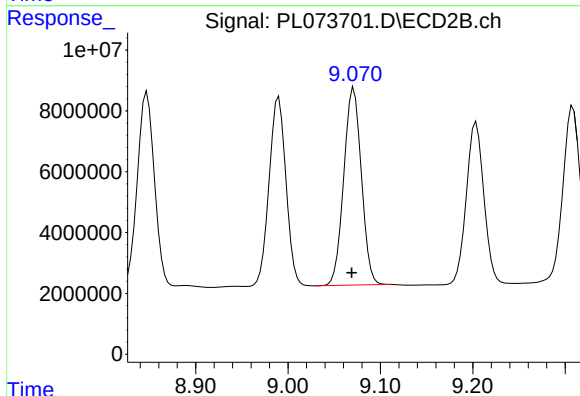
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.001 min
Response: 22068796
Conc: 56.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

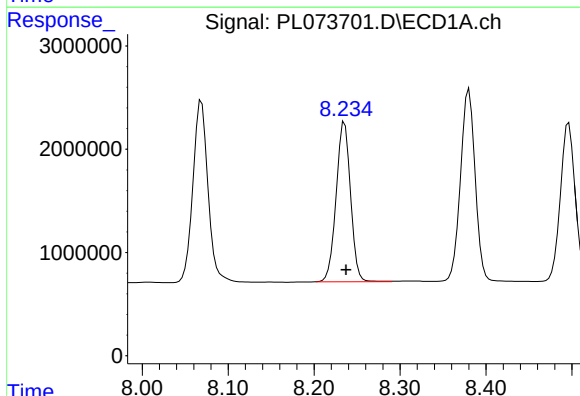
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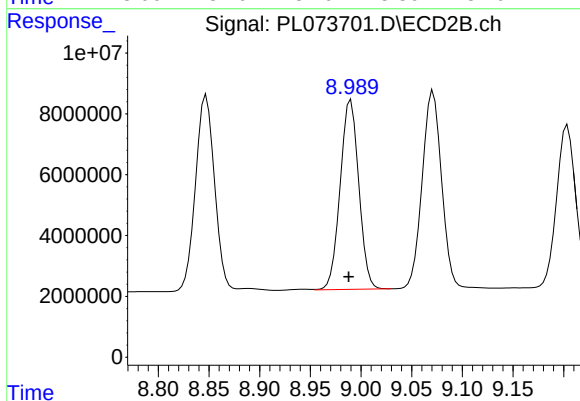
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 85868900
Conc: 55.91 ng/ml



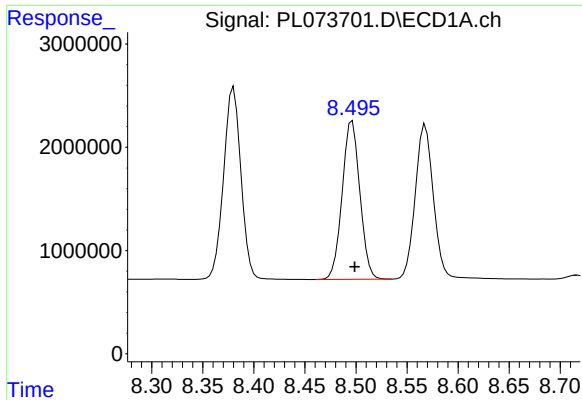
#16 4,4'-DDD

R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 17990501
Conc: 55.40 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 79397008
Conc: 54.39 ng/ml



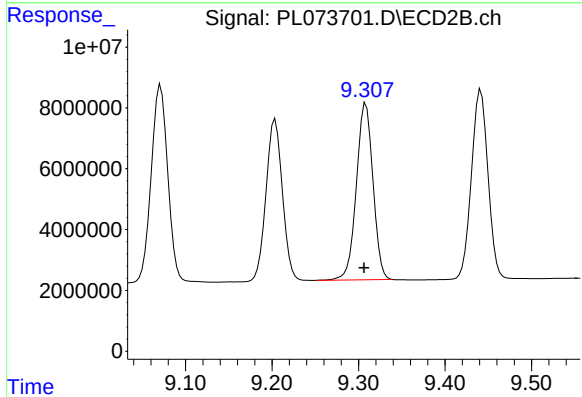
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 18524136
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

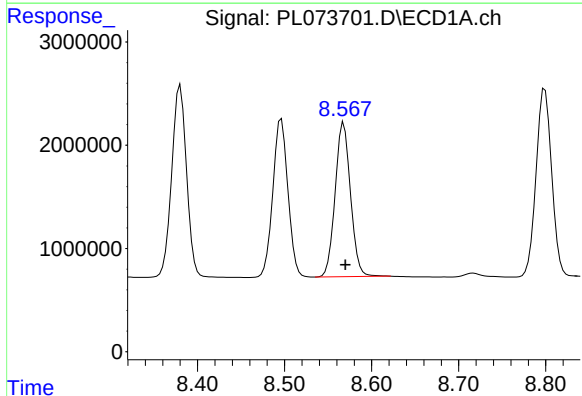
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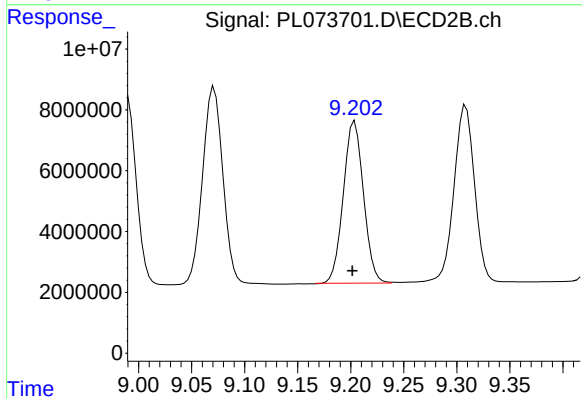
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 77525541
Conc: 47.43 ng/ml



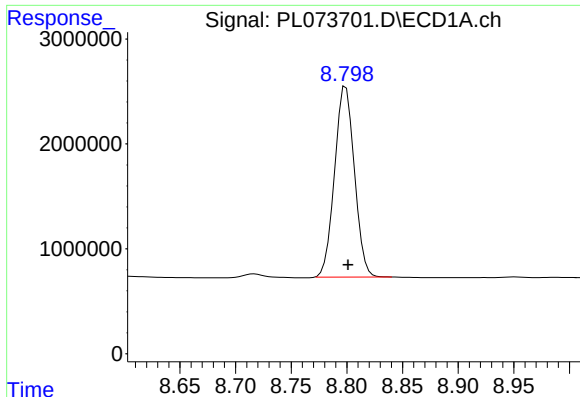
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 18342778
Conc: 58.00 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 70374936
Conc: 57.39 ng/ml m



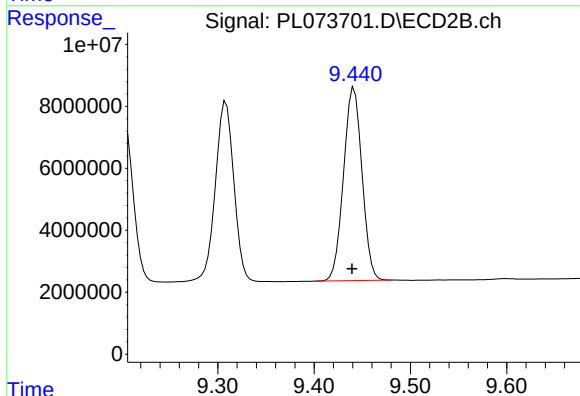
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 22537190
Conc: 53.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

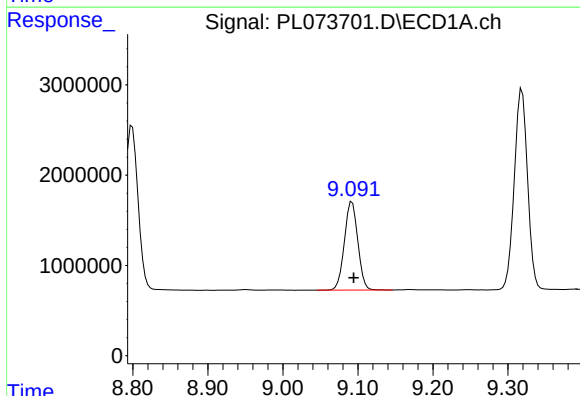
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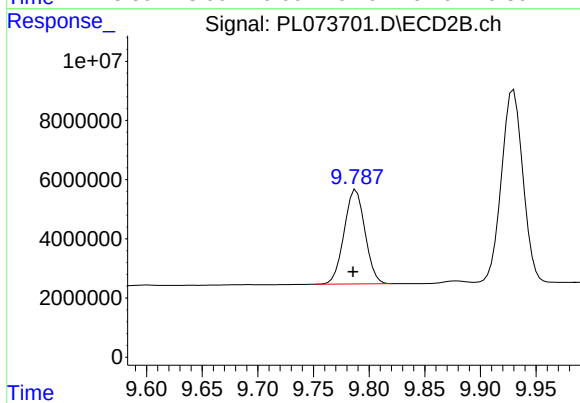
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 82812053
Conc: 52.54 ng/ml



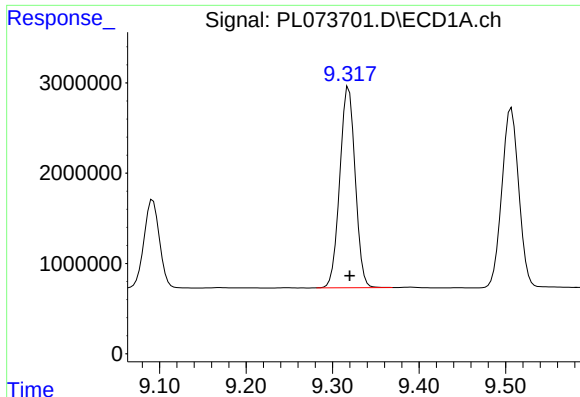
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 12182652
Conc: 47.49 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.003 min
Response: 41558475
Conc: 46.12 ng/ml



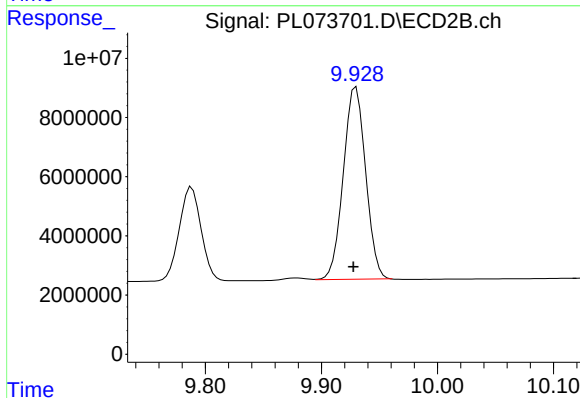
#21 Endrin ketone

R.T.: 9.319 min
Delta R.T.: -0.001 min
Response: 27341081
Conc: 55.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

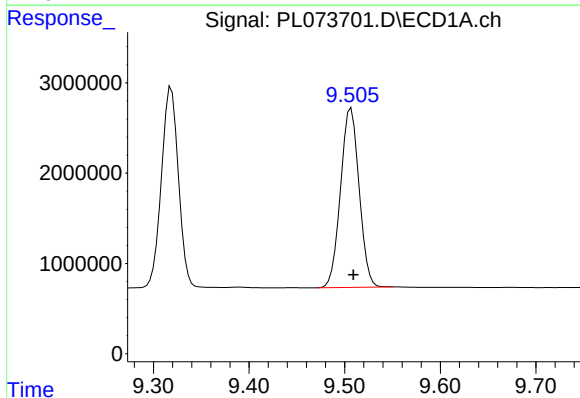
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Reviewed By :Abdul Mirza 03/29/2022
Supervised By :mohammad ahmed 03/30/2022



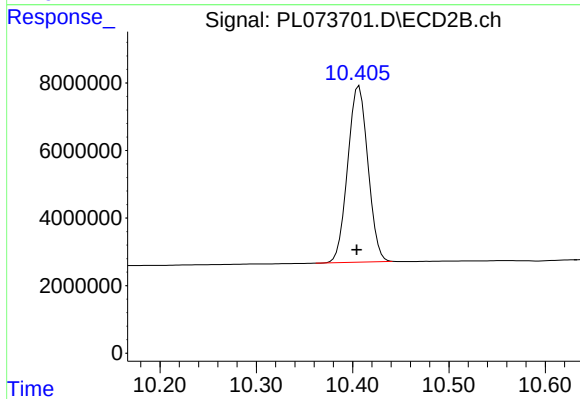
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 86881677
Conc: 52.64 ng/ml



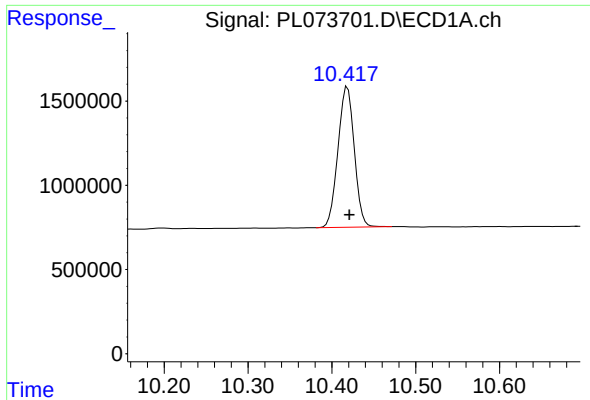
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 26865434
Conc: 56.97 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.003 min
Response: 75906952
Conc: 55.88 ng/ml



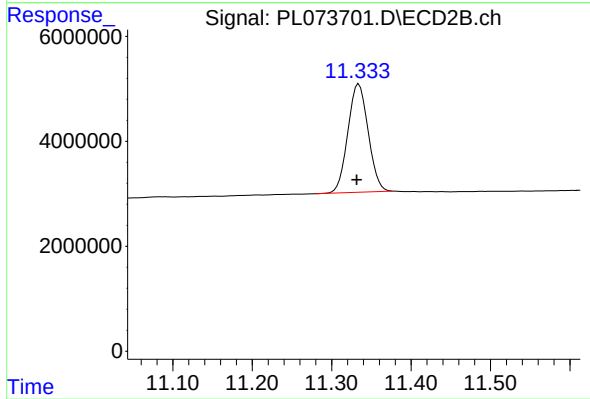
#28 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.002 min
Response: 11302603
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143643BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2022
Supervised By :mohammad ahmed 03/30/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.003 min
Response: 36751164
Conc: 20.55 ng/ml