

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2022 00:44
 Operator : AR\AJ
 Sample : PB143442BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143442BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2022
 Supervised By : mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 02:52:52 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...	4.641	5.492	6566470	35913601	20.502	21.882
28)	SA Decachlor...	10.417	11.332	11103679	38449949	21.836	21.502
Target Compounds							
2)	A alpha-BHC	5.350	6.055	21293116	131.0E6	51.657	58.243
3)	MA gamma-BHC...	5.774	6.444	21221944	122.4E6	50.875	57.344
4)	MA Heptachlor	6.186	7.103	22761478	131.9E6	50.447	56.295
5)	MB Aldrin	6.511	7.471	21843526	126.8E6	52.868	60.533
6)	B beta-BHC	6.154	6.680	10122527	53397453	49.163	51.227
7)	B delta-BHC	6.416	6.948	20879378	121.5E6	51.984	56.411
8)	B Heptachlo...	7.088	7.927	22035158	115.2E6	51.128	57.688
9)	A Endosulfan I	7.491	8.327	20780753	103.0E6	50.658	56.430
10)	B gamma-Chl...	7.366	8.195	22389479	116.5E6	51.199	57.039
11)	B alpha-Chl...	7.435	8.277	22627110	114.3E6	51.200	57.162
12)	B 4,4'-DDE	7.649	8.461	18522477	105.2E6	51.618	58.696
13)	MA Dieldrin	7.778	8.612	22414131	109.8E6	53.799	59.527
14)	MA Endrin	8.068	8.846	20477874	88253277	52.777	57.329
15)	B Endosulfa...	8.379	9.070	21343504	91426281	54.604	59.529
16)	A 4,4'-DDD	8.235	8.989	16721610	82677064	51.493	56.639
17)	MA 4,4'-DDT	8.496	9.307	18680056	86391586	49.394	52.854
18)	B Endrin al...	8.568	9.201	17827332	74572804	56.371	60.811m
19)	B Endosulfa...	8.799	9.440	21608927	87588028	51.155	55.574
20)	A Methoxychlor	9.092	9.787	12555414	46569688	48.942	51.682
21)	B Endrin ke...	9.318	9.928	26368528	92266321	53.899	55.899
22)	Mirex	9.506	10.405	26030165	81417394	55.200	59.934

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2022 00:44
Operator : AR\AJ
Sample : PB143442BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

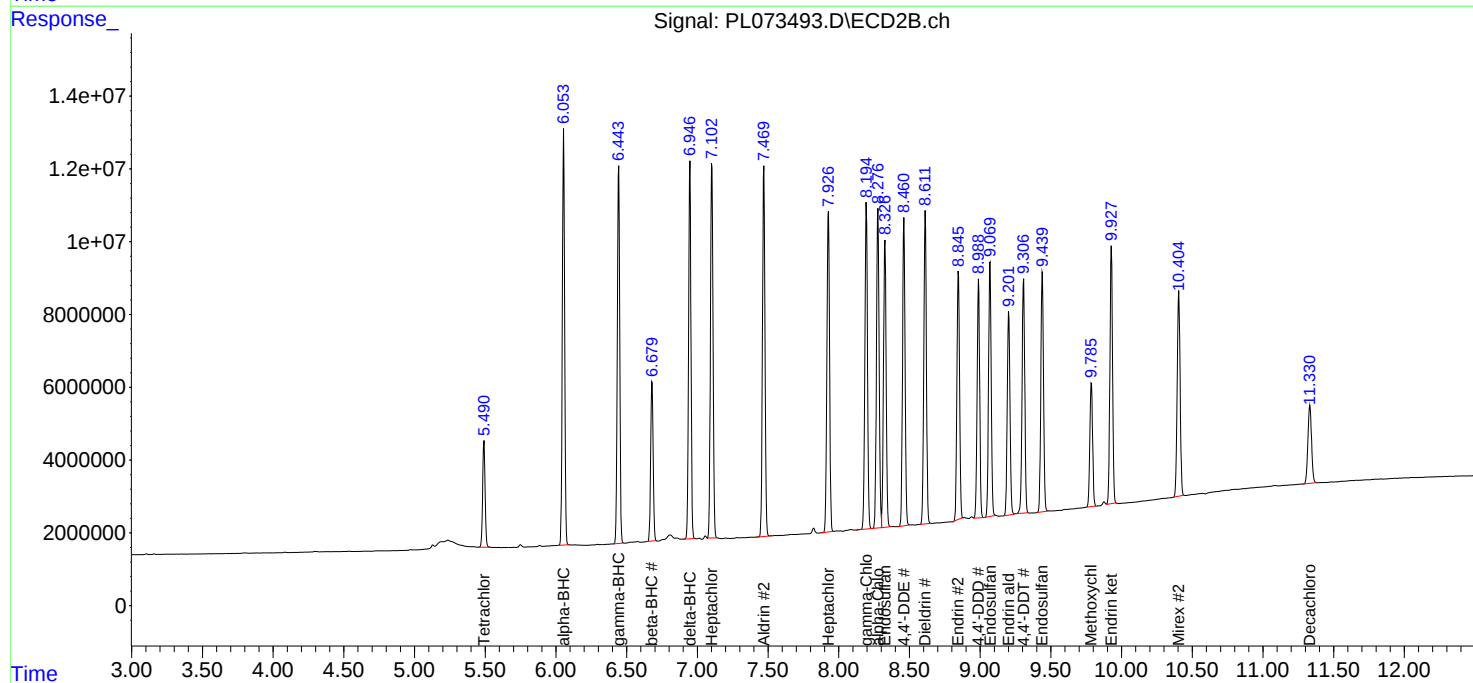
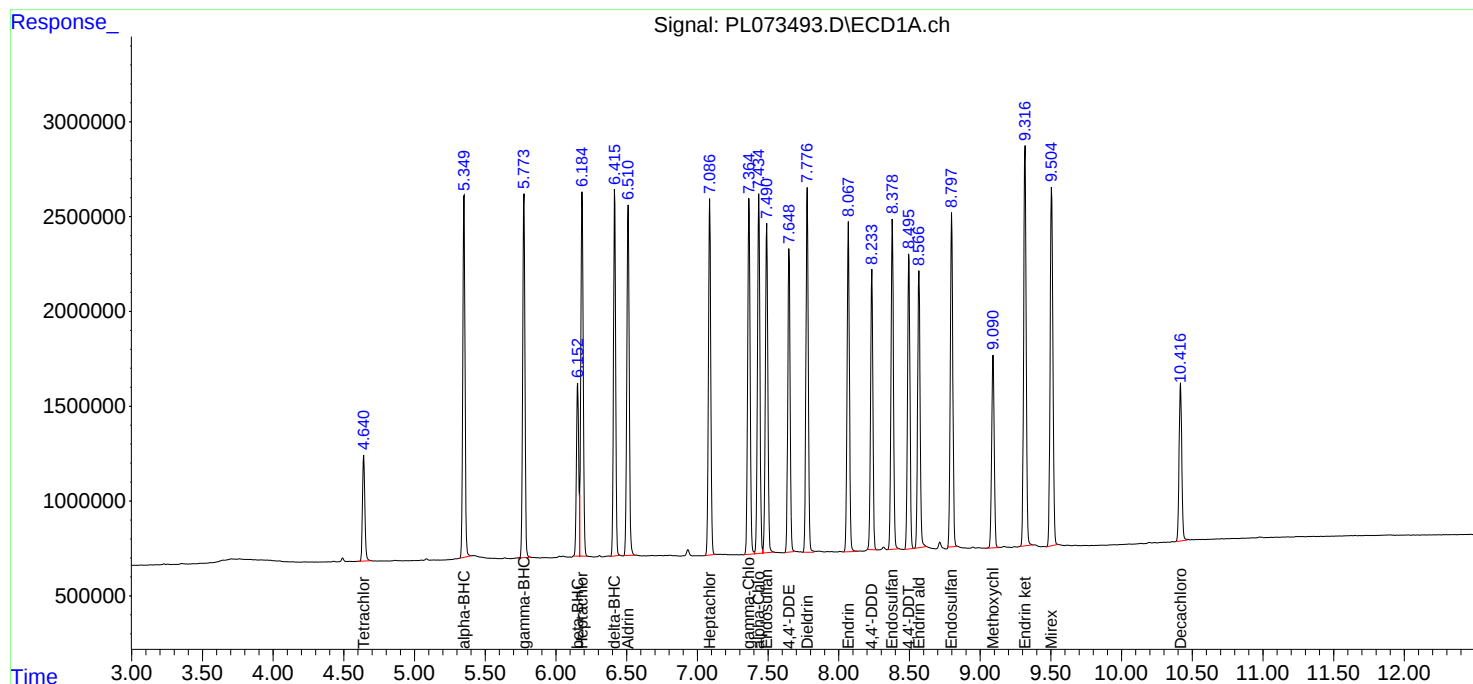
Instrument :
ECD_L
ClientSampleId :
PB143442BS

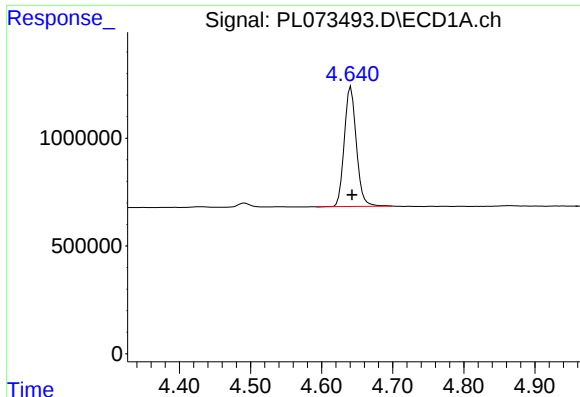
Manual Integrations
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Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 02:52:52 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





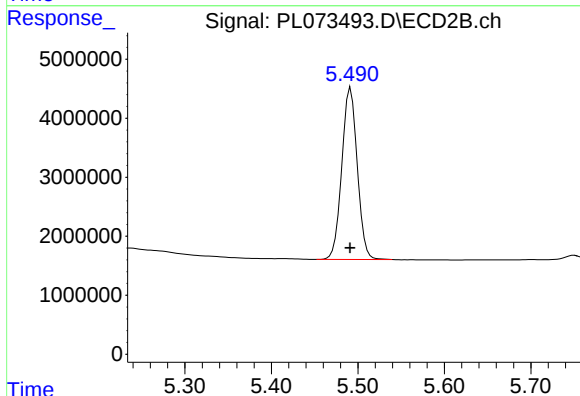
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6566470
Conc: 20.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

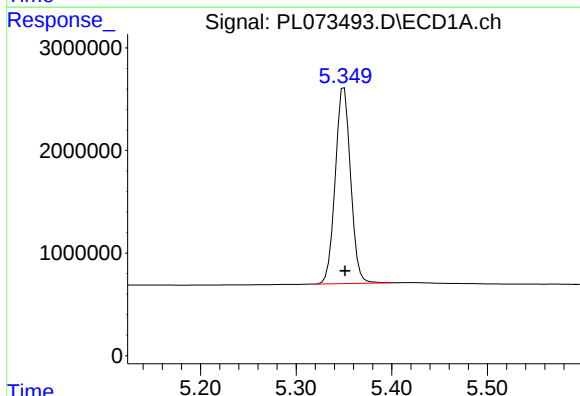
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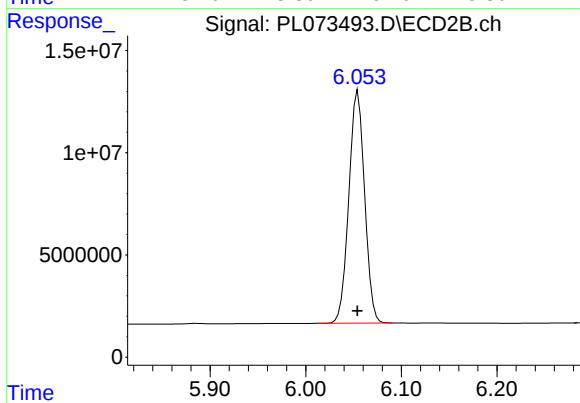
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 35913601
Conc: 21.88 ng/ml



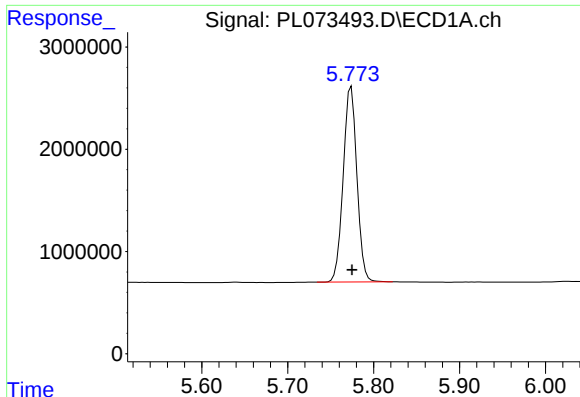
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 21293116
Conc: 51.66 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 131025950
Conc: 58.24 ng/ml



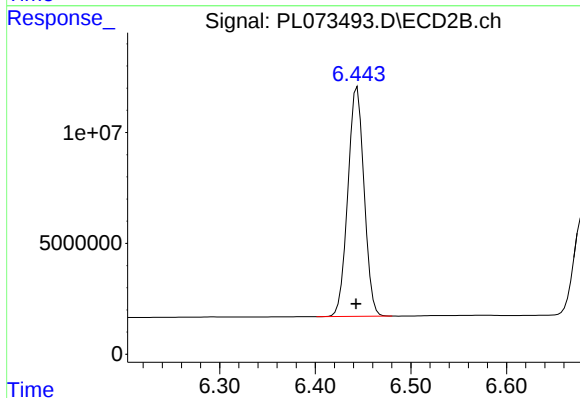
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 21221944
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

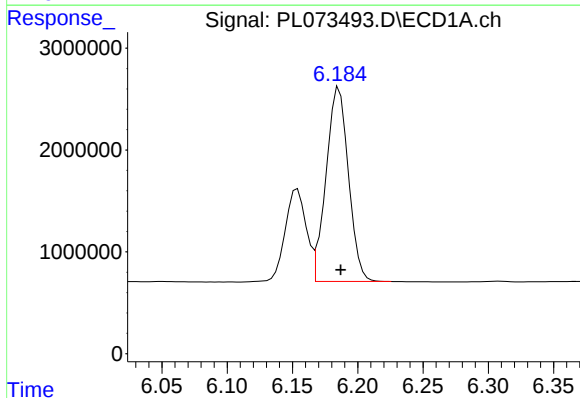
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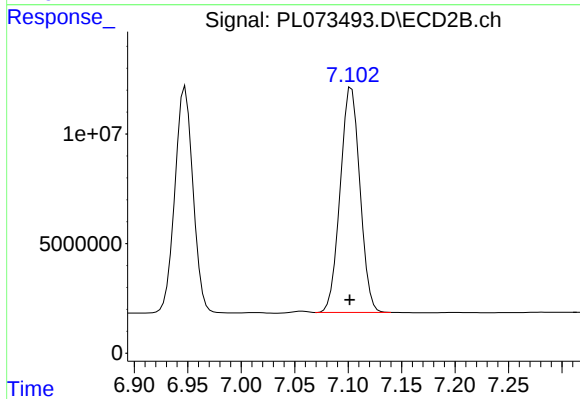
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 122435138
Conc: 57.34 ng/ml



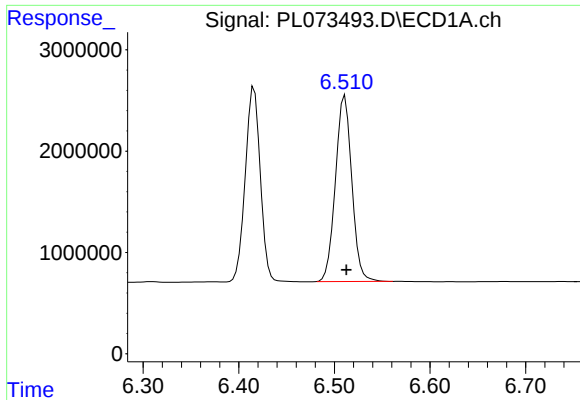
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 22761478
Conc: 50.45 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 131904777
Conc: 56.30 ng/ml



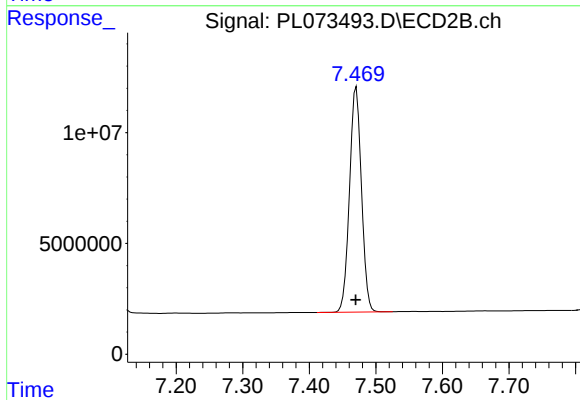
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 21843526
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

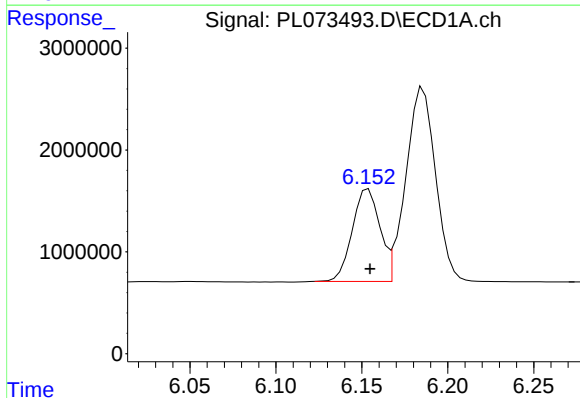
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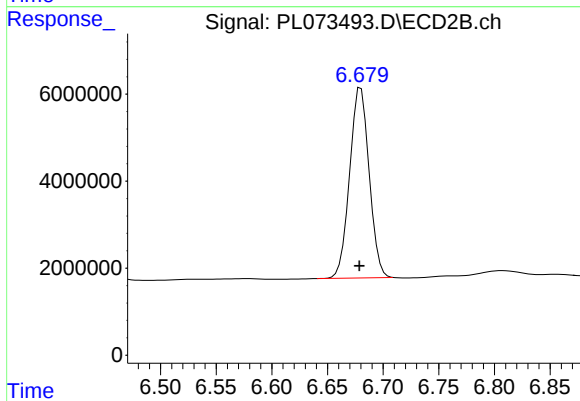
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 126814620
Conc: 60.53 ng/ml



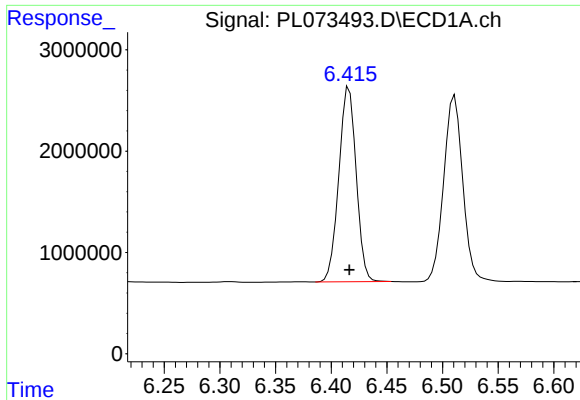
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 10122527
Conc: 49.16 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 53397453
Conc: 51.23 ng/ml



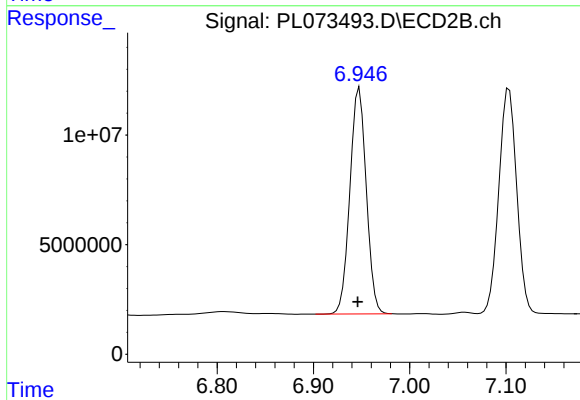
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 20879378
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

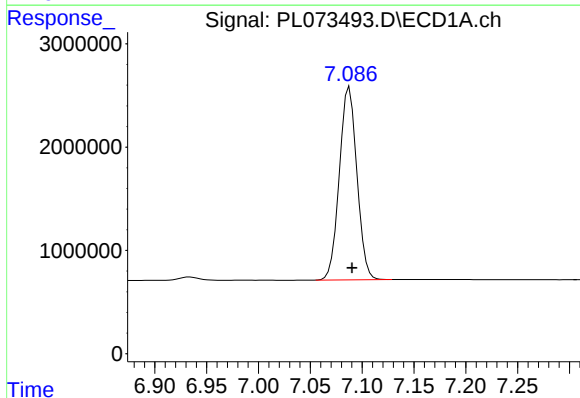
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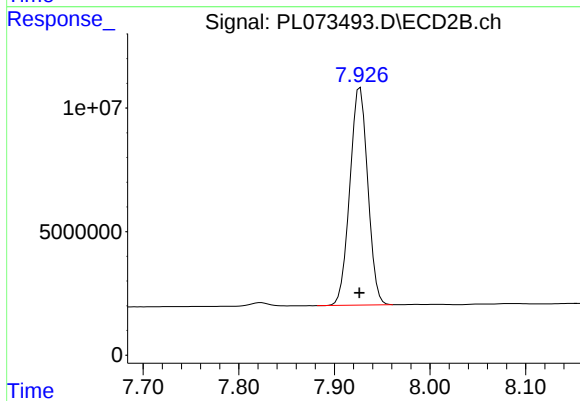
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 121484687
Conc: 56.41 ng/ml



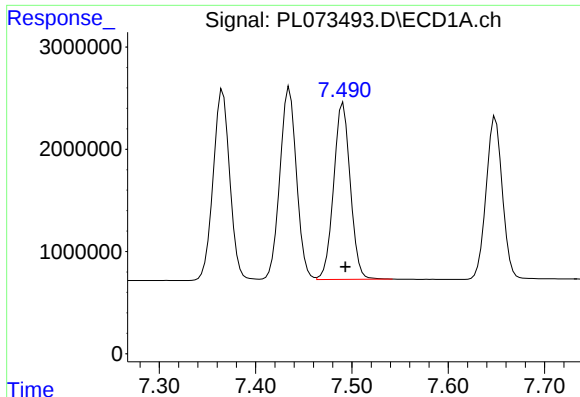
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 22035158
Conc: 51.13 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 115221763
Conc: 57.69 ng/ml



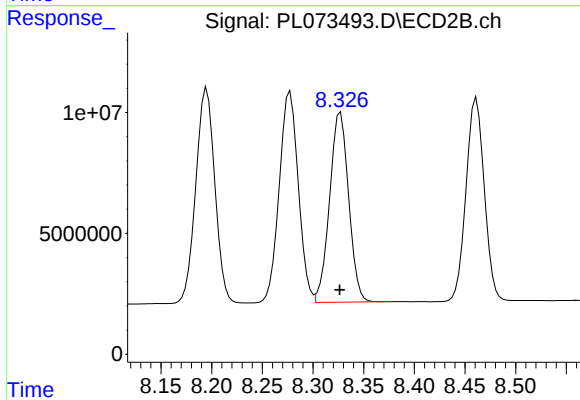
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 20780753
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

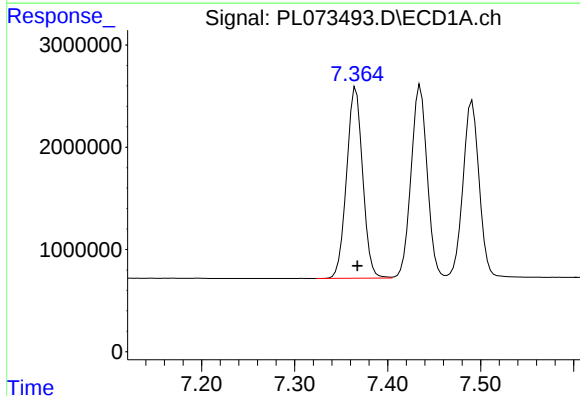
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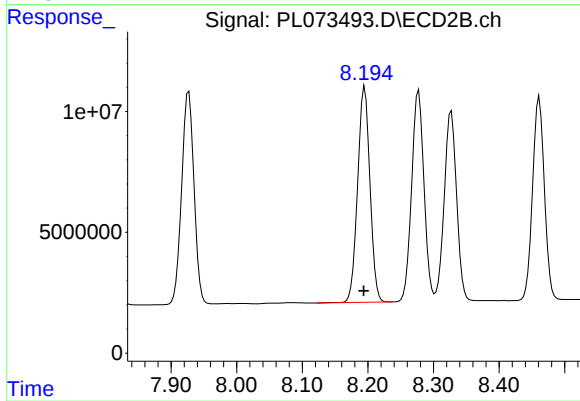
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 103007476
Conc: 56.43 ng/ml



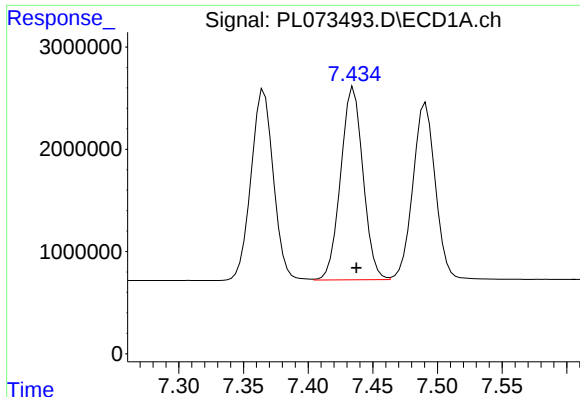
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 22389479
Conc: 51.20 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 116496424
Conc: 57.04 ng/ml



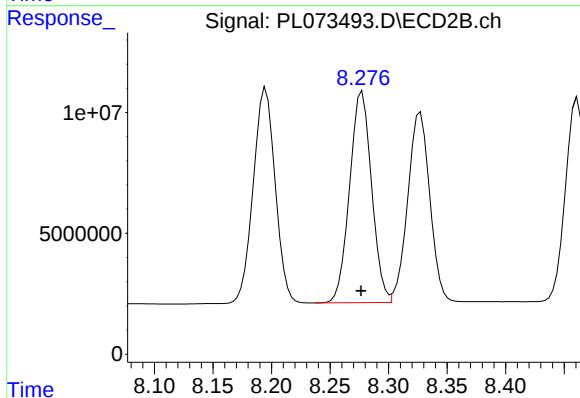
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 22627110
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

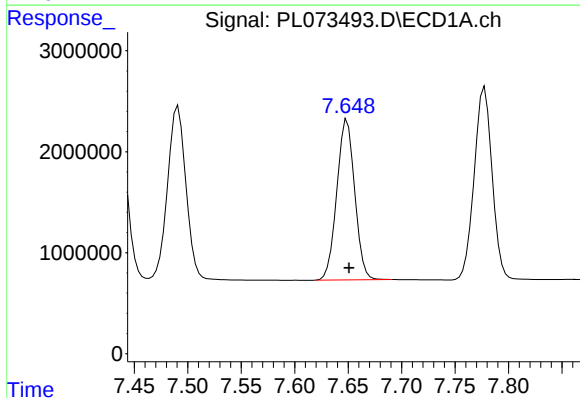
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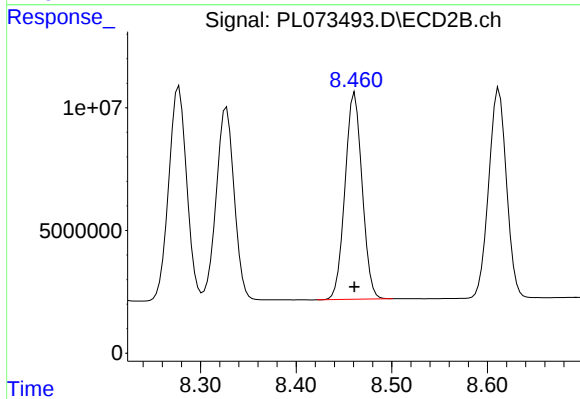
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 114324882
Conc: 57.16 ng/ml



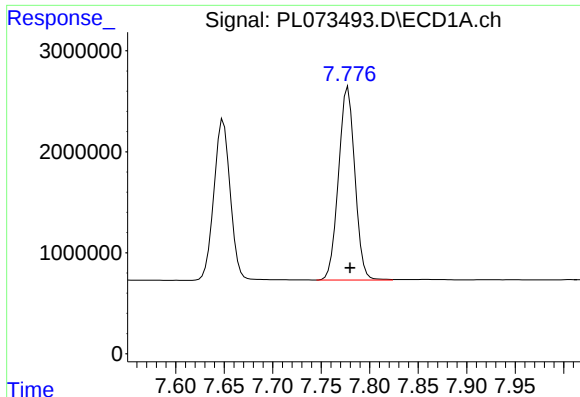
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 18522477
Conc: 51.62 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 105205224
Conc: 58.70 ng/ml



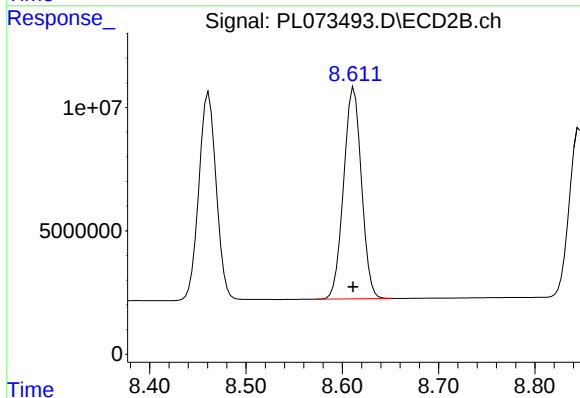
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 22414131
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

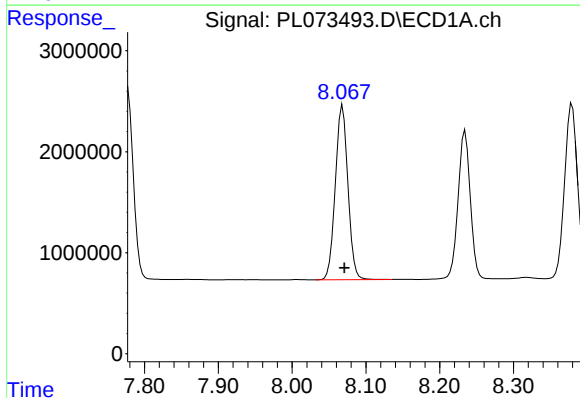
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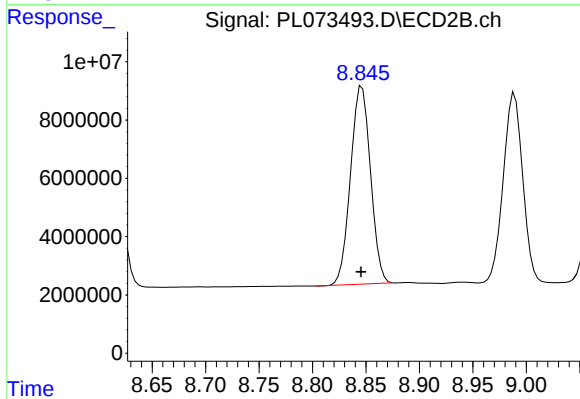
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 109811753
Conc: 59.53 ng/ml



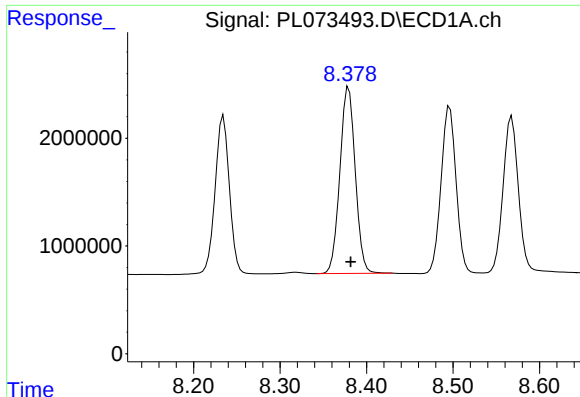
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 20477874
Conc: 52.78 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 88253277
Conc: 57.33 ng/ml



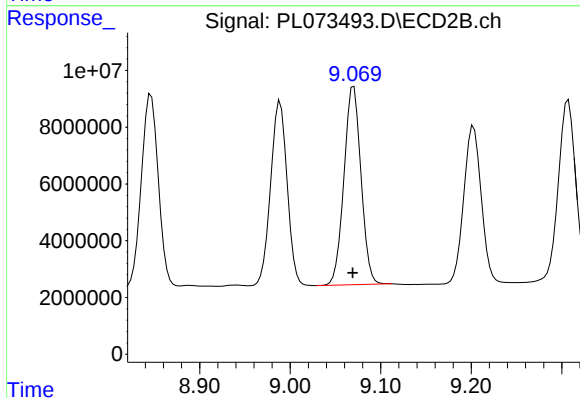
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 21343504
Conc: 54.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

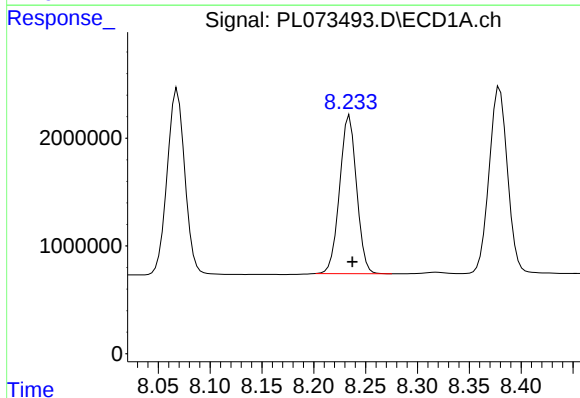
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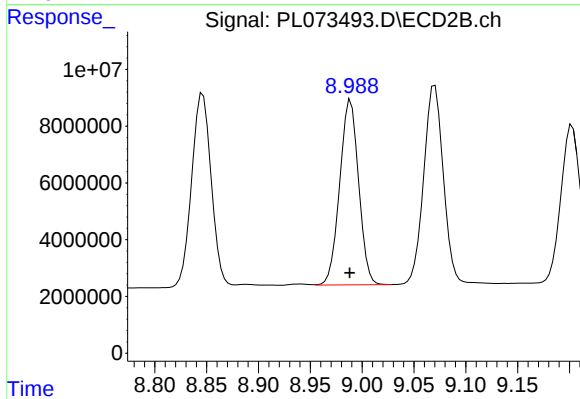
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 91426281
Conc: 59.53 ng/ml



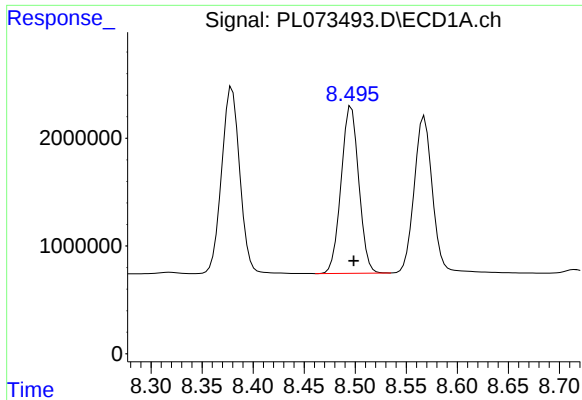
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 16721610
Conc: 51.49 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 82677064
Conc: 56.64 ng/ml



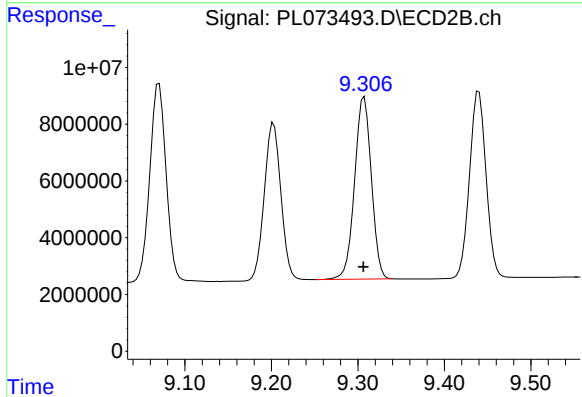
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 18680056
Conc: 49.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

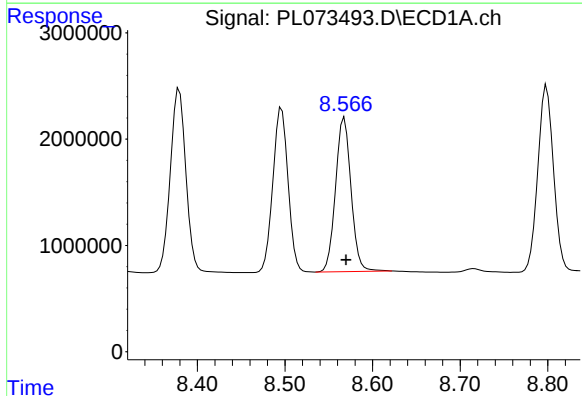
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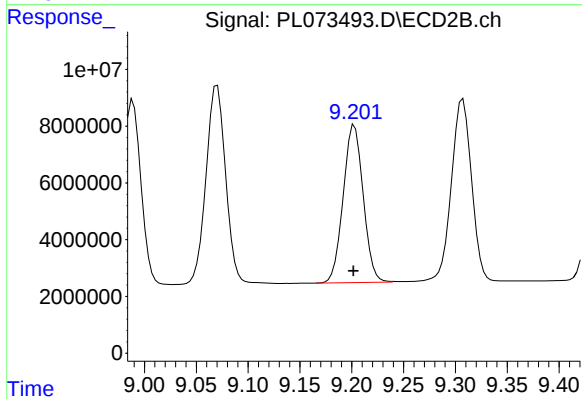
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 86391586
Conc: 52.85 ng/ml



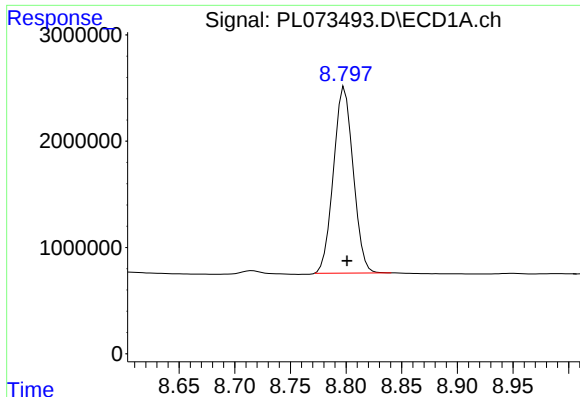
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 17827332
Conc: 56.37 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 74572804
Conc: 60.81 ng/ml m



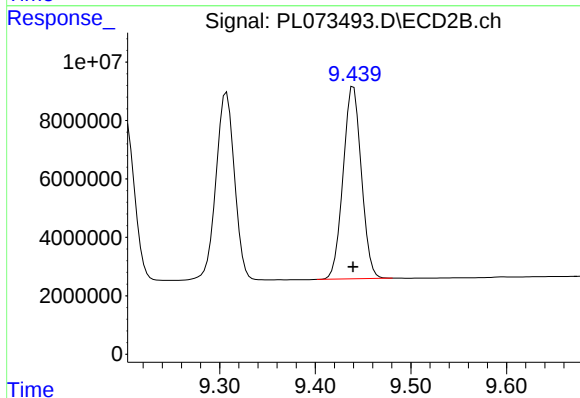
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 21608927
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

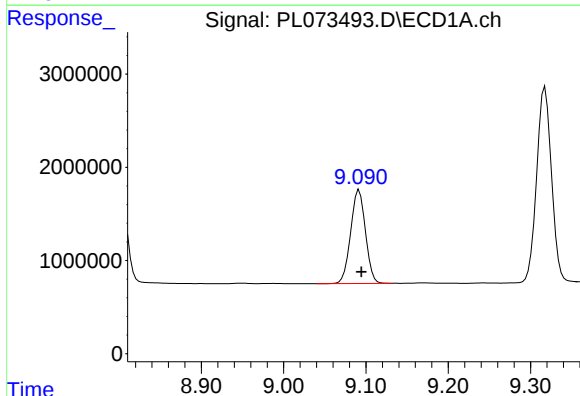
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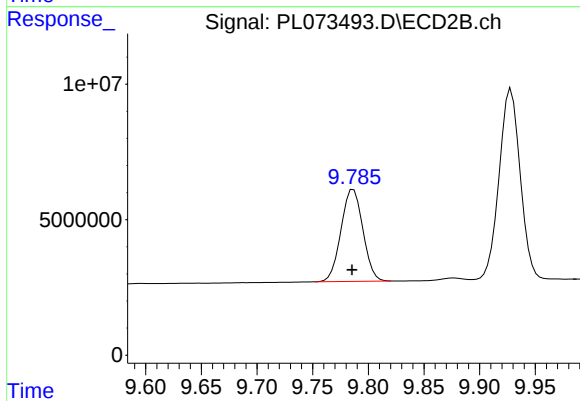
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 87588028
Conc: 55.57 ng/ml



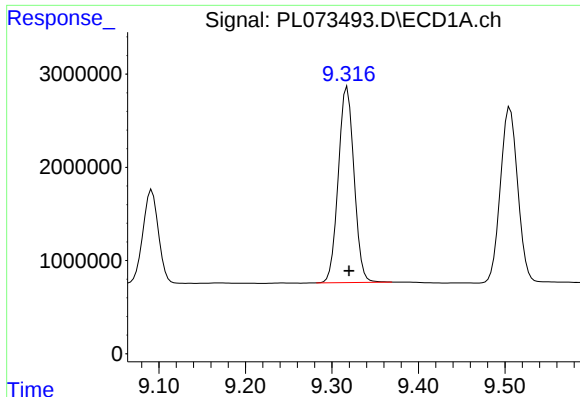
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 12555414
Conc: 48.94 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 46569688
Conc: 51.68 ng/ml



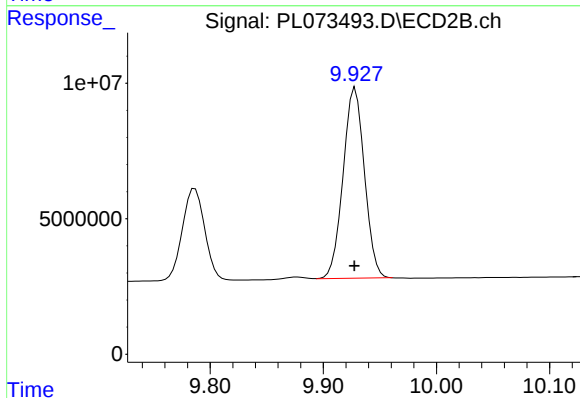
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 26368528
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

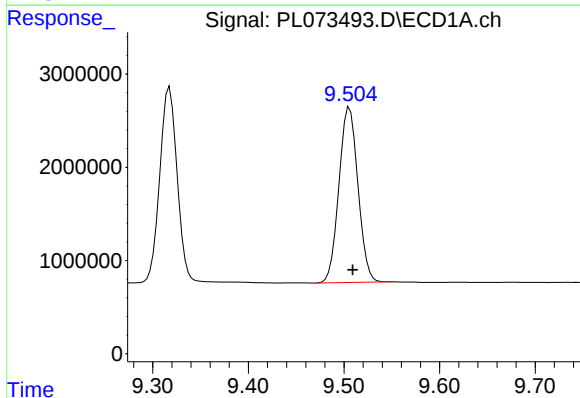
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



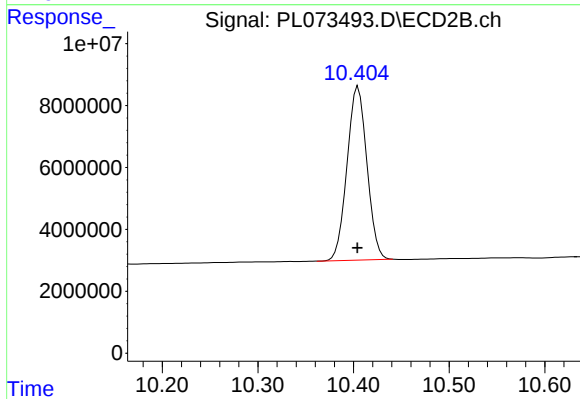
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 92266321
Conc: 55.90 ng/ml



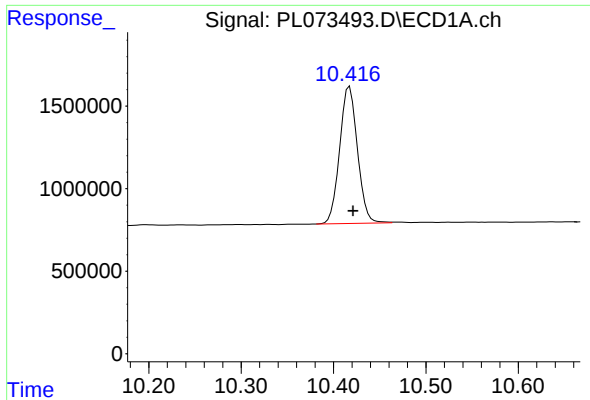
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 26030165
Conc: 55.20 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 81417394
Conc: 59.93 ng/ml



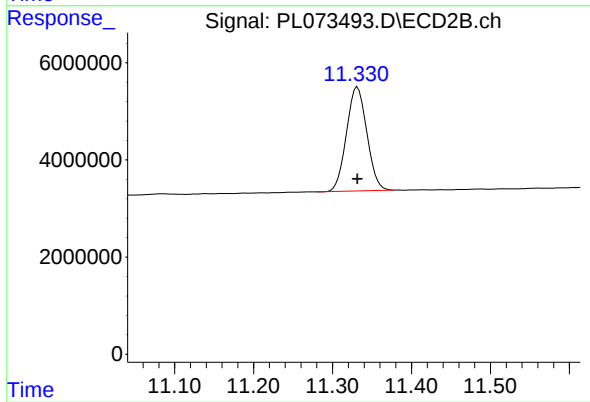
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 11103679
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143442BS

Manual Integrations
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Supervised By :mohammad ahmed 03/22/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 38449949
Conc: 21.50 ng/ml