

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 23:32
 Operator : AR\AJ
 Sample : PB144359BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144359BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/26/2022
 Supervised By : mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:08:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.635	5.489	6946902	37276705	21.500	20.907
28)	SA Decachlor...	10.403	11.332	11217728	39816676	21.571m	22.542
Target Compounds							
2)	A alpha-BHC	5.342	6.052	21691413	136.0E6	51.688	54.020
3)	MA gamma-BHC...	5.766	6.442	21266224	127.3E6	50.707	53.766
4)	MA Heptachlor	6.176	7.101	22341264	134.3E6	49.597	51.470
5)	MB Aldrin	6.501	7.469	21396941	131.4E6	51.553	55.938
6)	B beta-BHC	6.146	6.679	10044455	56380214	49.159	50.026
7)	B delta-BHC	6.408	6.947	21485698	129.4E6	51.939	52.971
8)	B Heptachlo...	7.078	7.925	21749061	118.8E6	50.705	52.753
9)	A Endosulfan I	7.481	8.326	20670439	107.6E6	50.401	54.641
10)	B gamma-Chl...	7.355	8.194	22235862	119.2E6	50.699	53.463
11)	B alpha-Chl...	7.425	8.276	22414686	117.3E6	50.738	54.486
12)	B 4,4'-DDE	7.639	8.461	18834793	113.6E6	51.628	57.028
13)	MA Dieldrin	7.765	8.611	22051329	114.0E6	51.333m	56.867
14)	MA Endrin	8.058	8.845	20696522	96289958	50.947	56.853
15)	B Endosulfa...	8.369	9.070	21614004	95851686	52.441	55.175
16)	A 4,4'-DDD	8.224	8.988	16821722	87241156	52.092	56.702
17)	MA 4,4'-DDT	8.485	9.307	17852932	88264762	48.298	49.792
18)	B Endrin al...	8.557	9.201	17992748	78041493	55.610	60.421m
19)	B Endosulfa...	8.787	9.440	22013437	90652187	51.551m	54.468
20)	A Methoxychlor	9.080	9.787	11682563	47094829	47.056	48.963
21)	B Endrin ke...	9.306	9.928	26016400	96156404	53.252m	55.551
22)	Mirex	9.494	10.404	23502257	74044568	50.390	53.757

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
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 Acq On : 25 Apr 2022 23:32
 Operator : AR\AJ
 Sample : PB144359BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

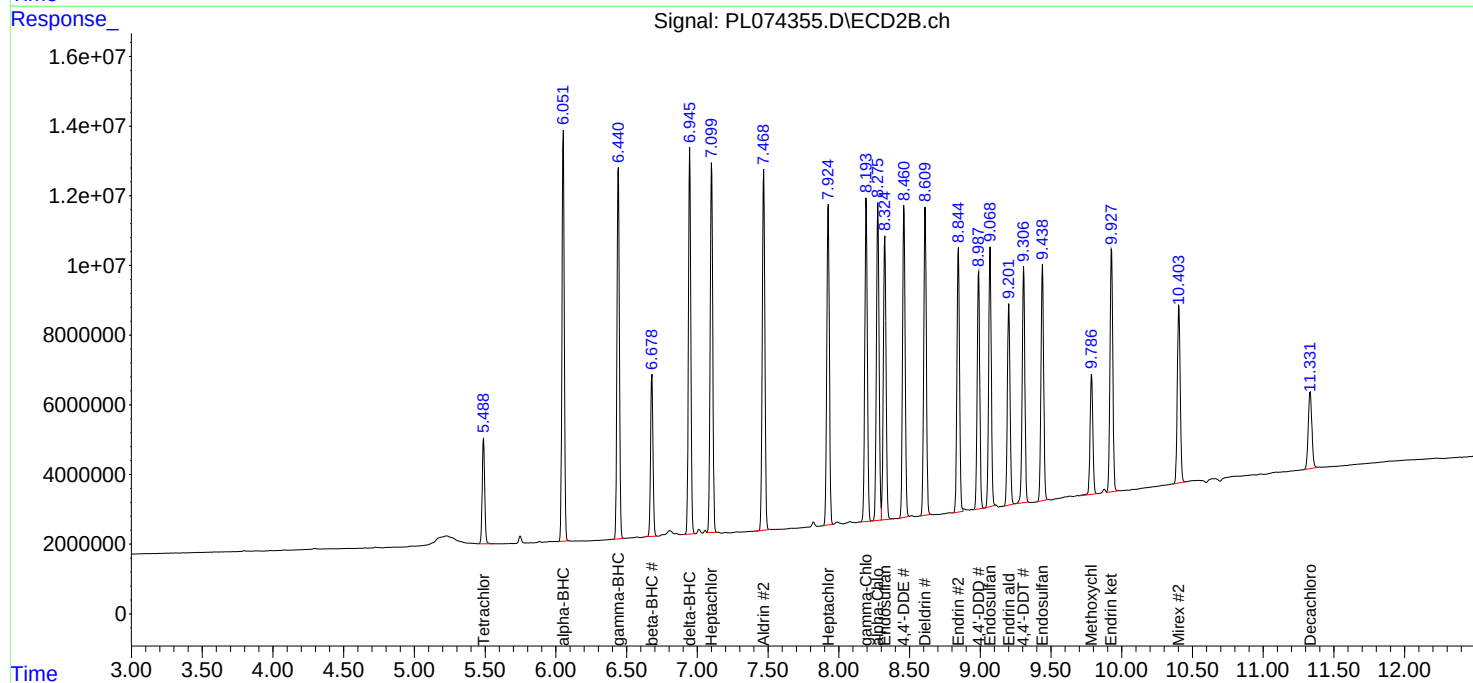
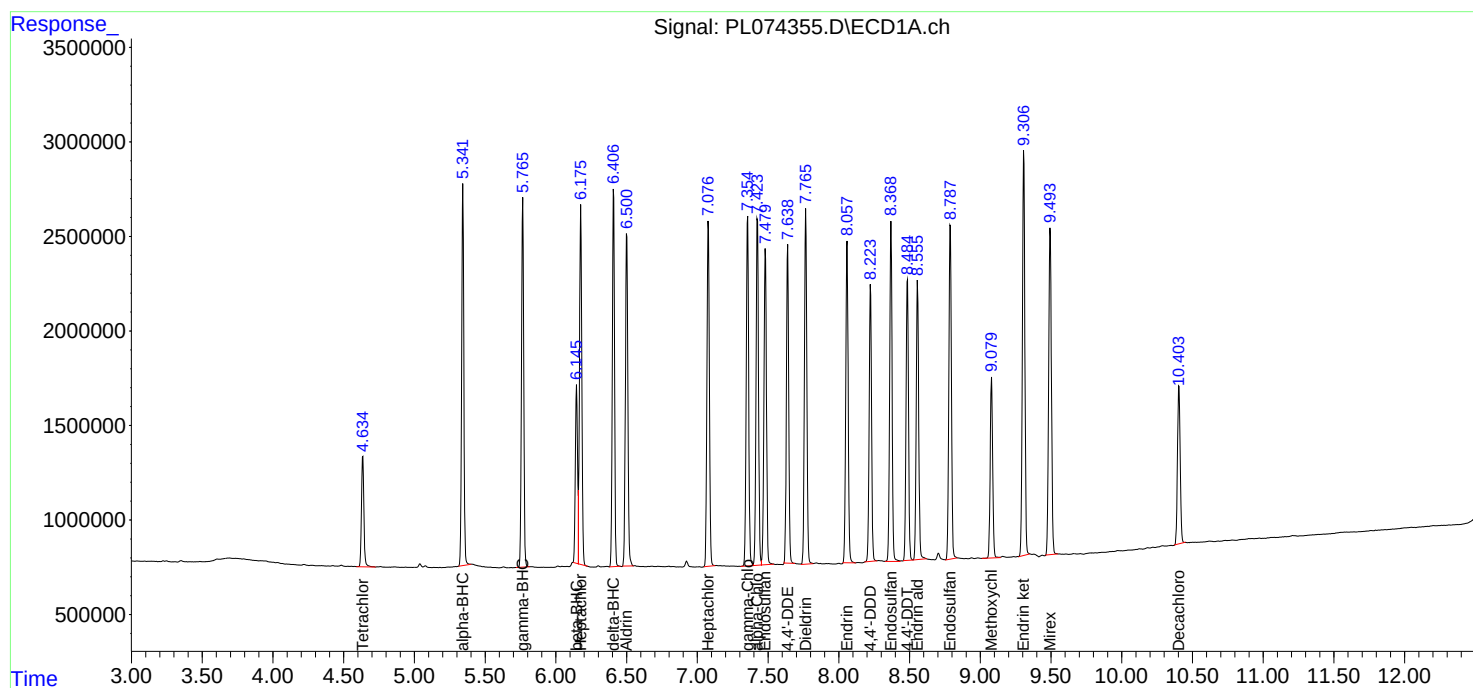
Instrument :
 ECD_L
 ClientSampleId :
 PB144359BS

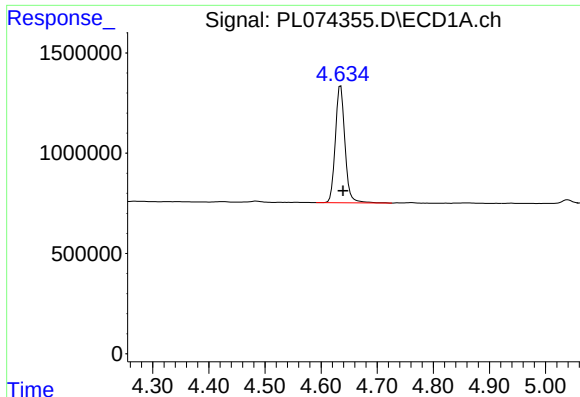
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/26/2022

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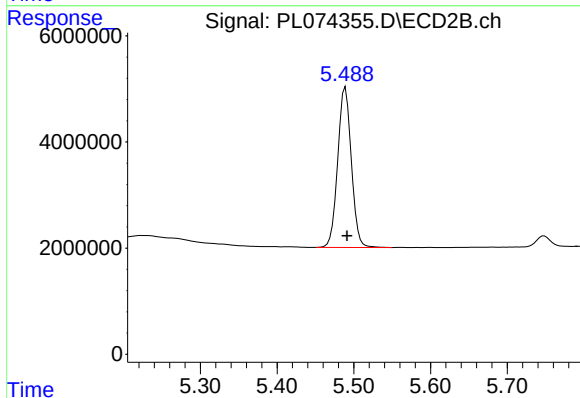
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 6946902
Conc: 21.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

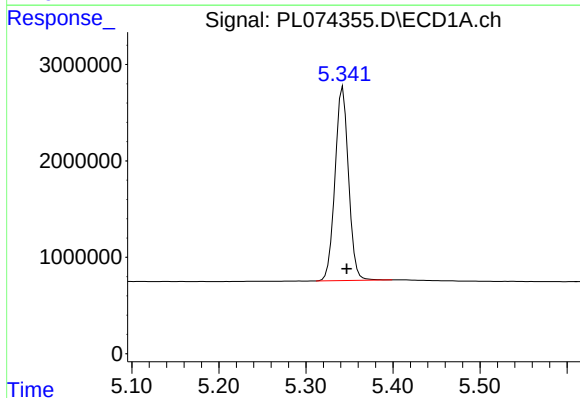
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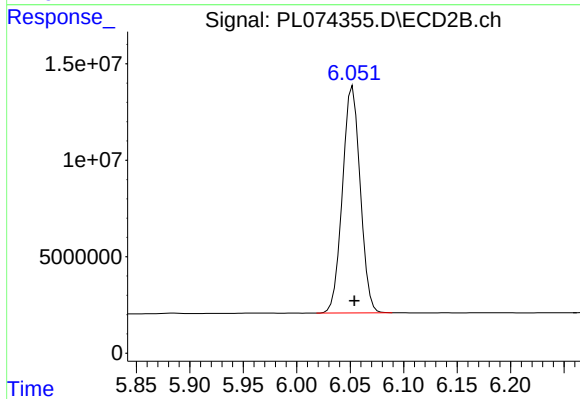
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 37276705
Conc: 20.91 ng/ml



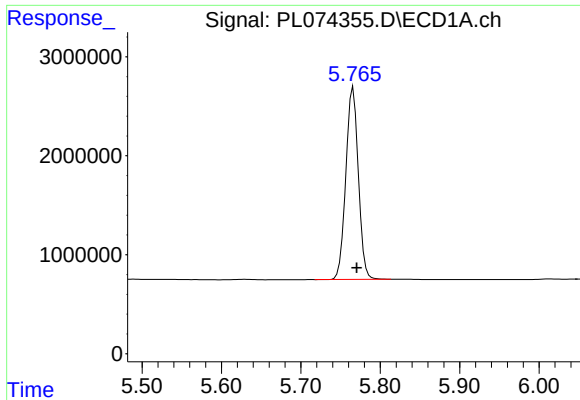
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.004 min
Response: 21691413
Conc: 51.69 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 136026374
Conc: 54.02 ng/ml



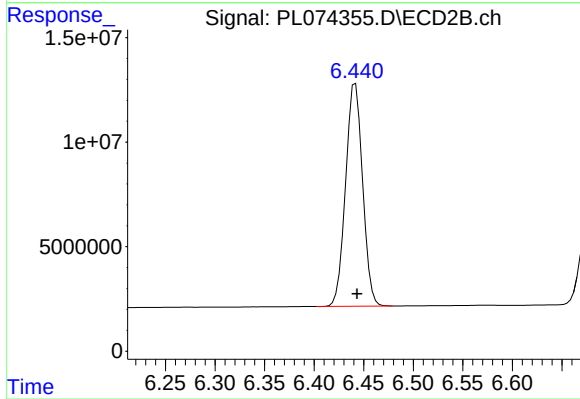
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 21266224
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

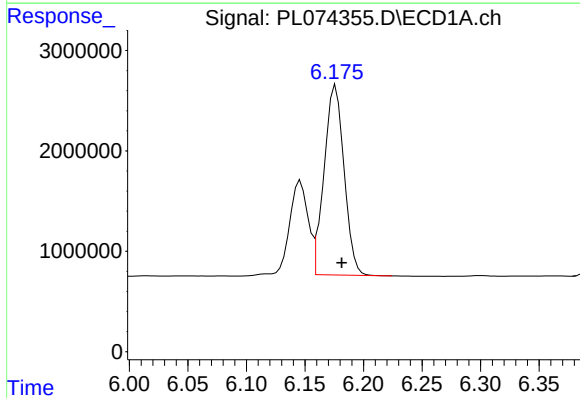
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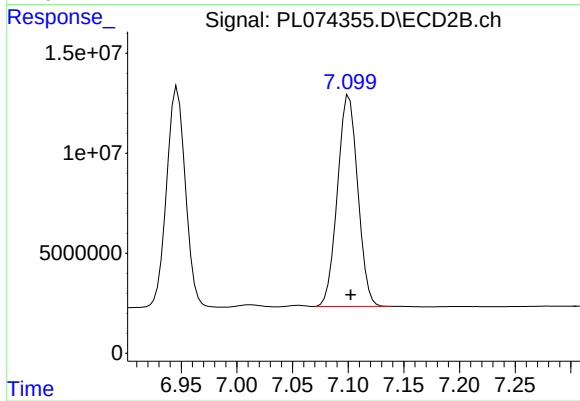
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 127270703
Conc: 53.77 ng/ml



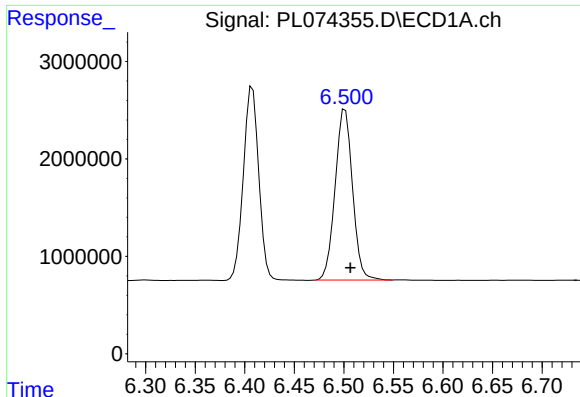
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 22341264
Conc: 49.60 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 134255126
Conc: 51.47 ng/ml



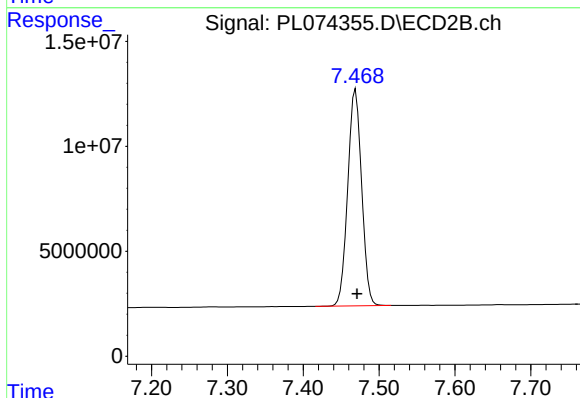
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.005 min
Response: 21396941
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

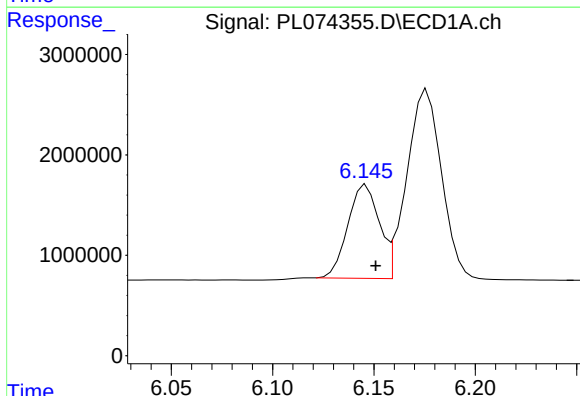
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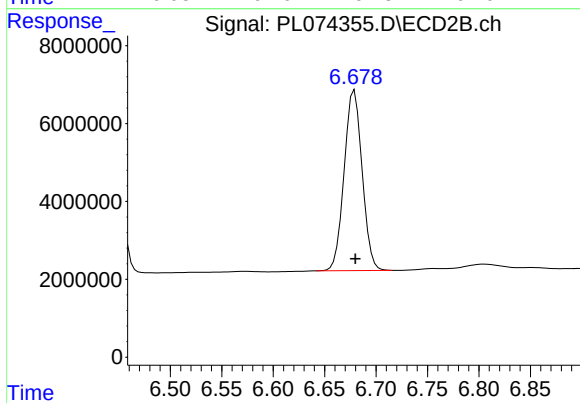
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 131375682
Conc: 55.94 ng/ml



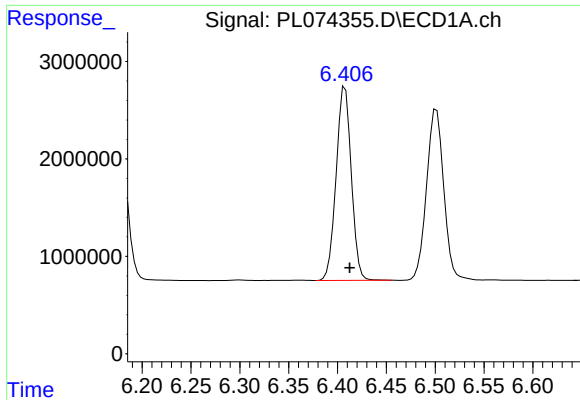
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10044455
Conc: 49.16 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 56380214
Conc: 50.03 ng/ml



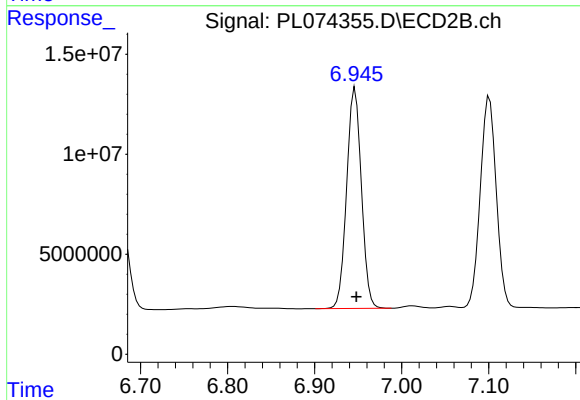
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 21485698
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

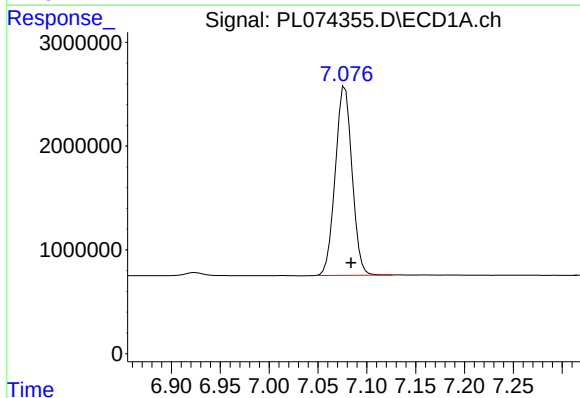
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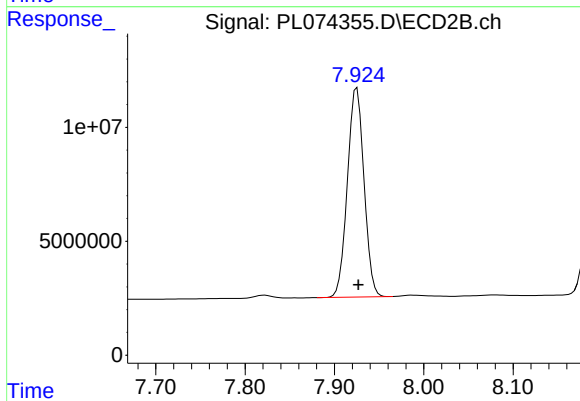
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 129370588
Conc: 52.97 ng/ml



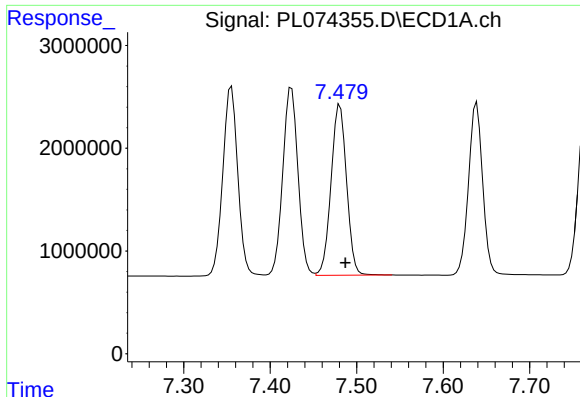
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 21749061
Conc: 50.70 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 118776013
Conc: 52.75 ng/ml



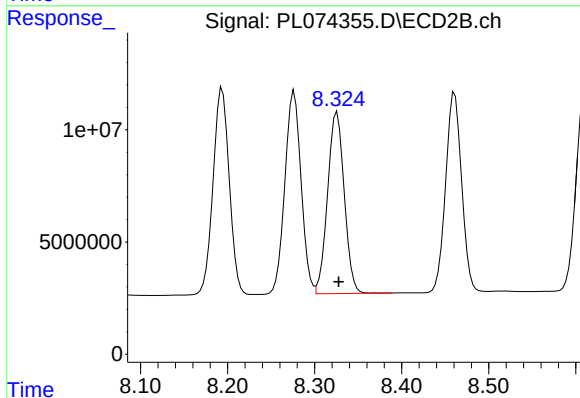
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 20670439
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

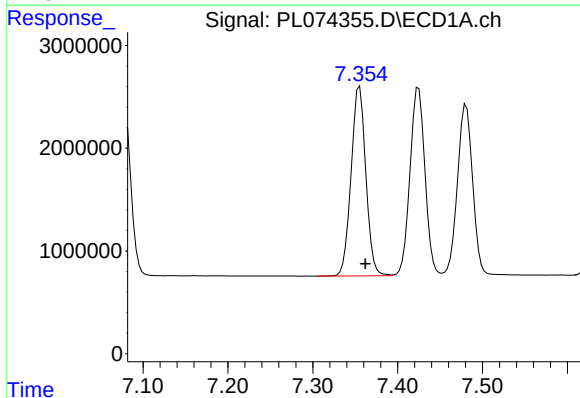
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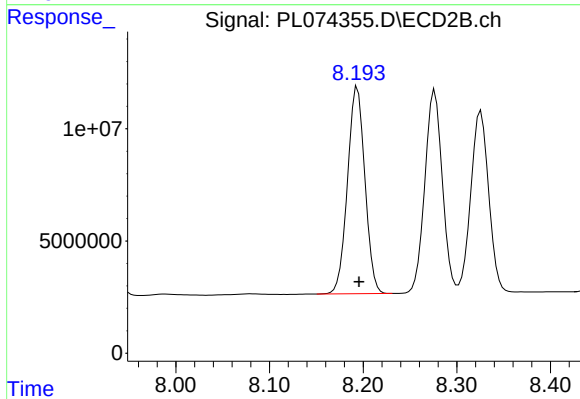
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 107569710
Conc: 54.64 ng/ml



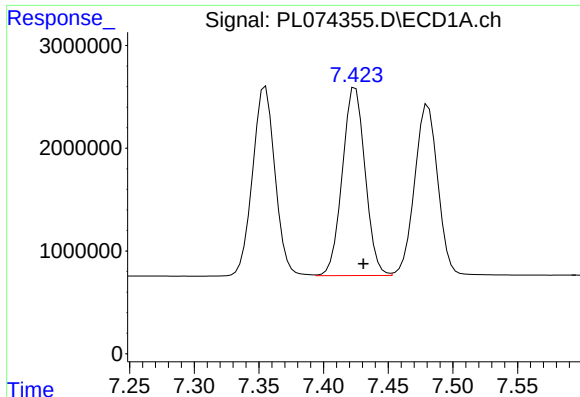
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 22235862
Conc: 50.70 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 119240745
Conc: 53.46 ng/ml



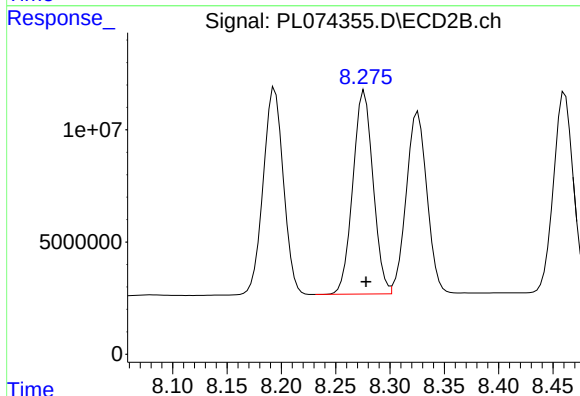
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 22414686
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

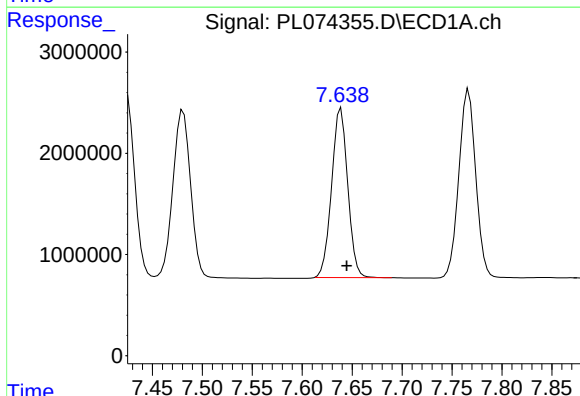
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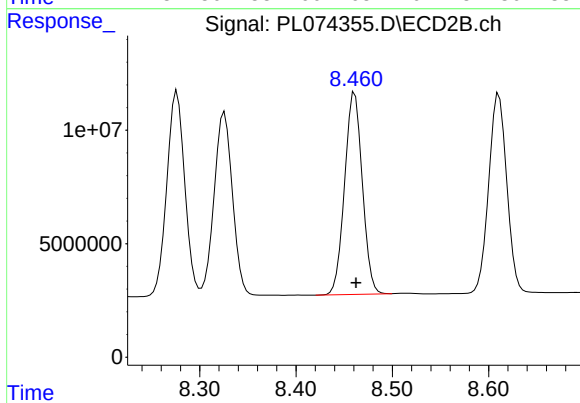
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 117284716
Conc: 54.49 ng/ml



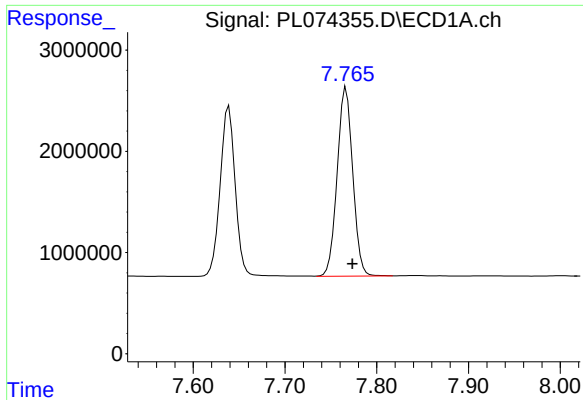
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 18834793
Conc: 51.63 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 113581643
Conc: 57.03 ng/ml



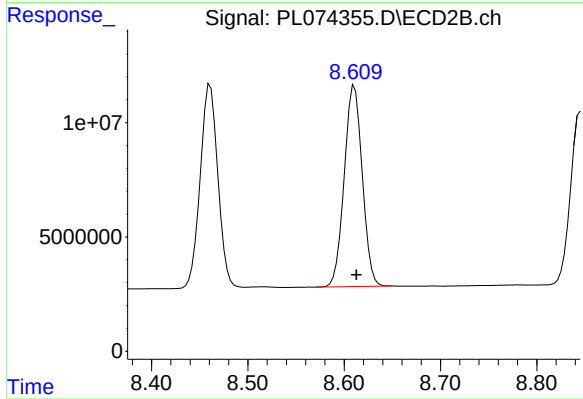
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 22051329
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

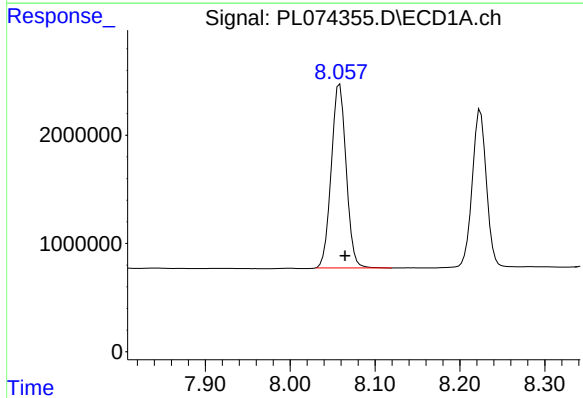
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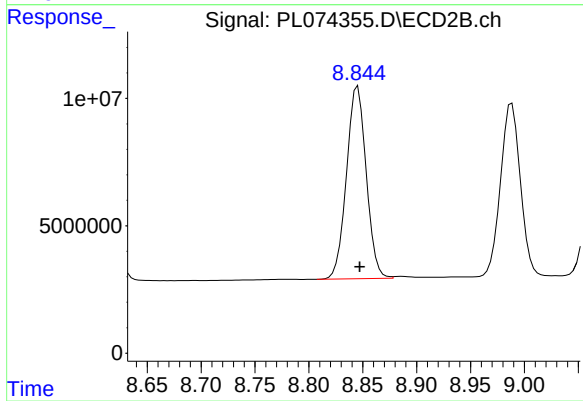
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 114033755
Conc: 56.87 ng/ml



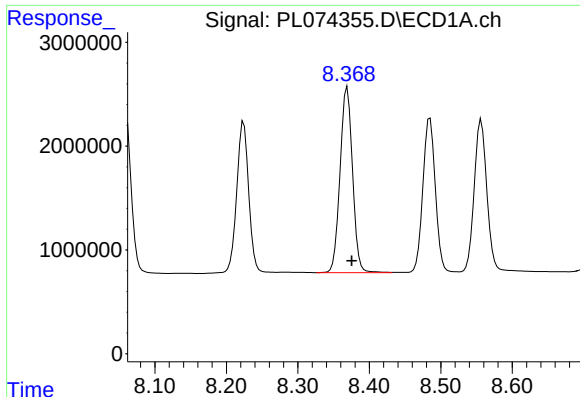
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.006 min
Response: 20696522
Conc: 50.95 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 96289958
Conc: 56.85 ng/ml



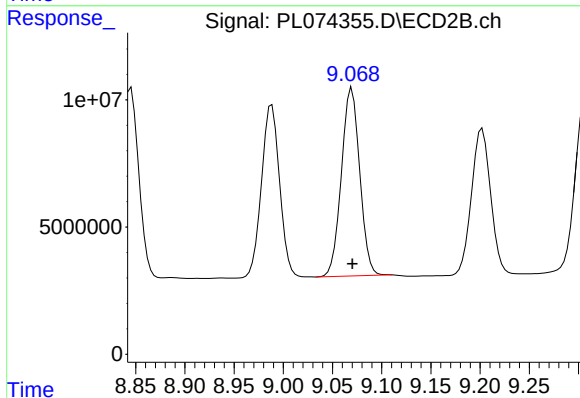
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 21614004
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

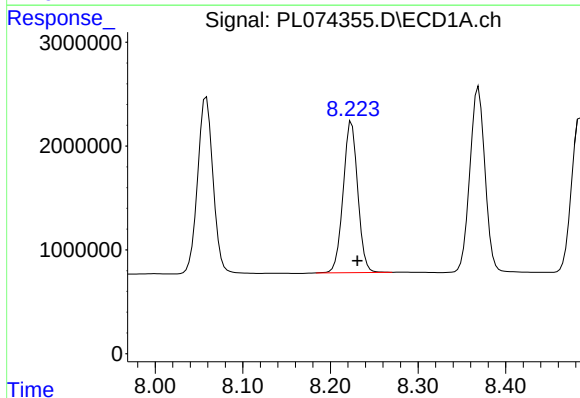
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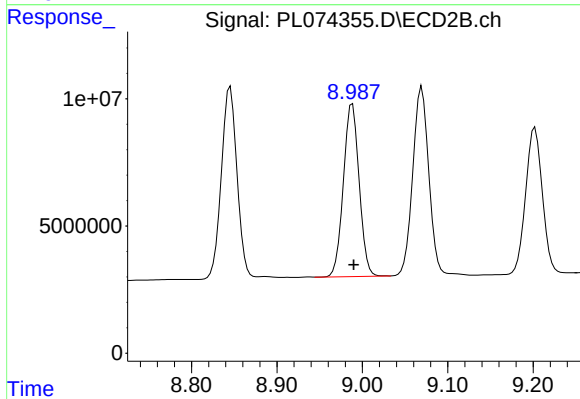
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 95851686
Conc: 55.17 ng/ml



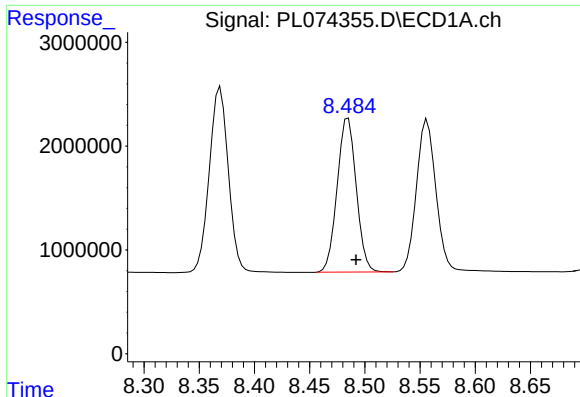
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 16821722
Conc: 52.09 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 87241156
Conc: 56.70 ng/ml



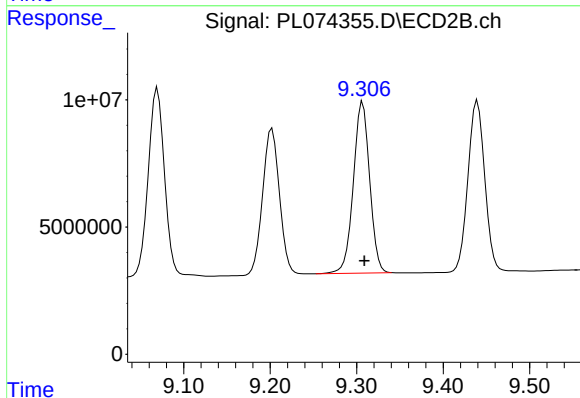
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 17852932
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

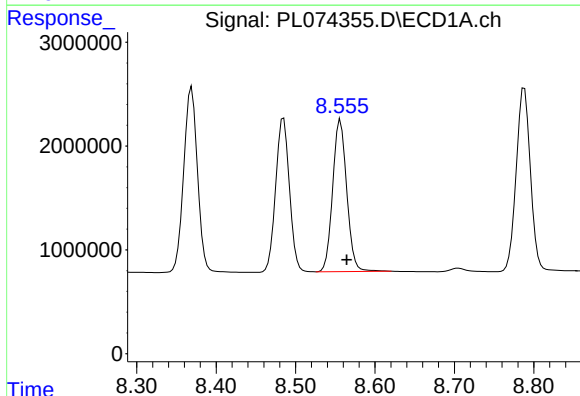
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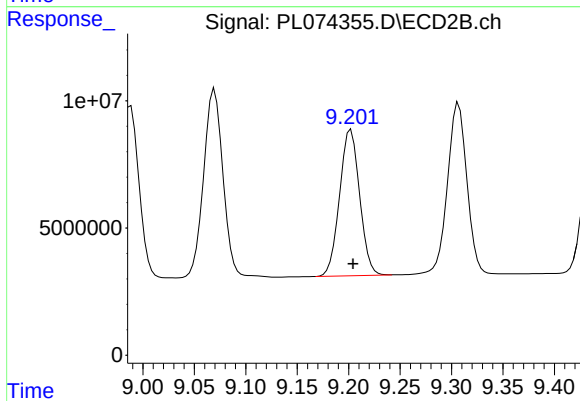
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 88264762
Conc: 49.79 ng/ml



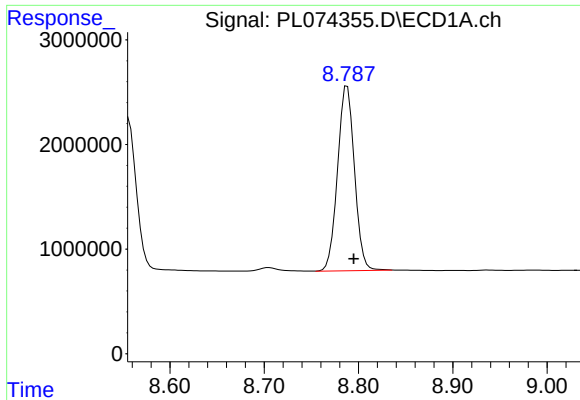
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 17992748
Conc: 55.61 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 78041493
Conc: 60.42 ng/ml m



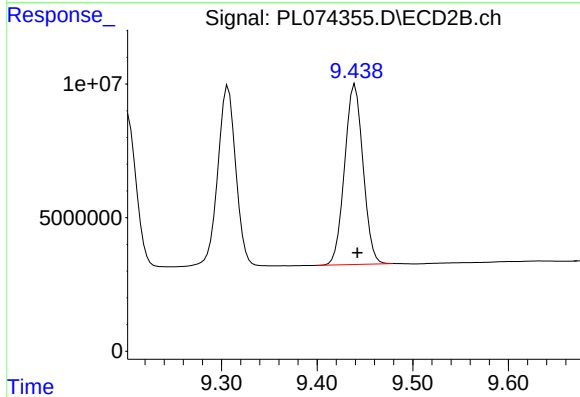
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 22013437
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

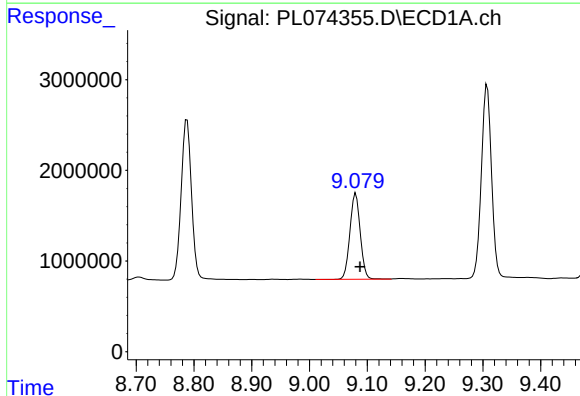
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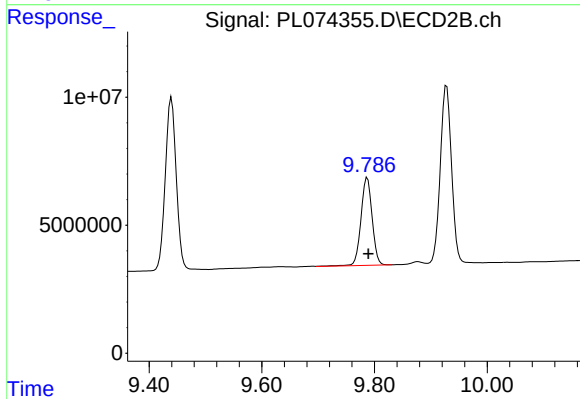
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 90652187
Conc: 54.47 ng/ml



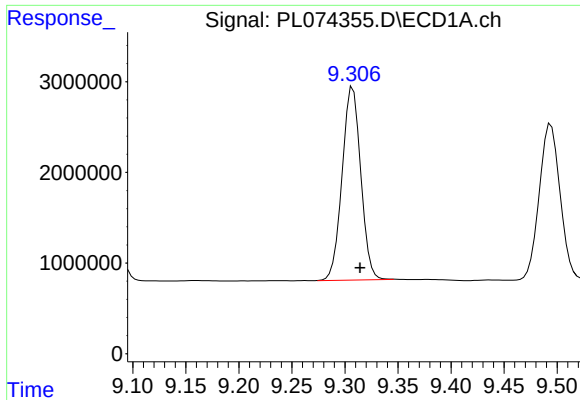
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 11682563
Conc: 47.06 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 47094829
Conc: 48.96 ng/ml



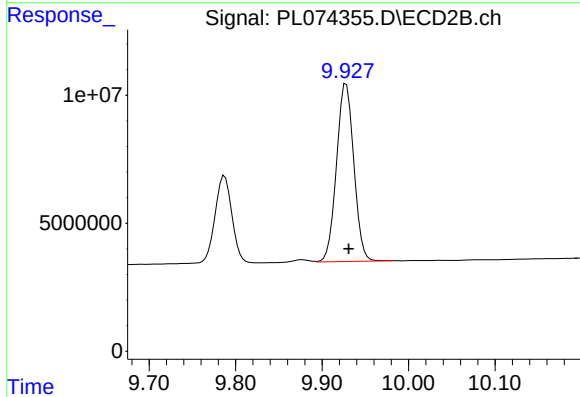
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.008 min
Response: 26016400
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

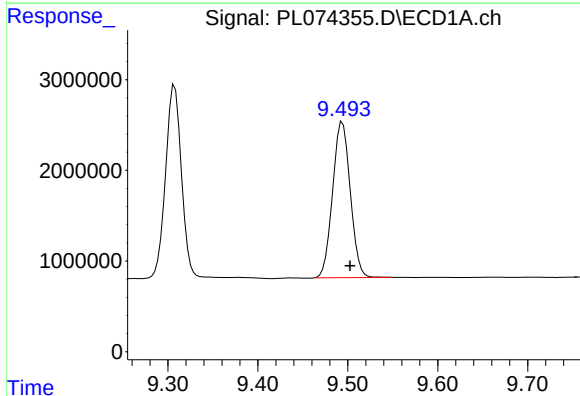
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Supervised By :mohammad ahmed 04/26/2022



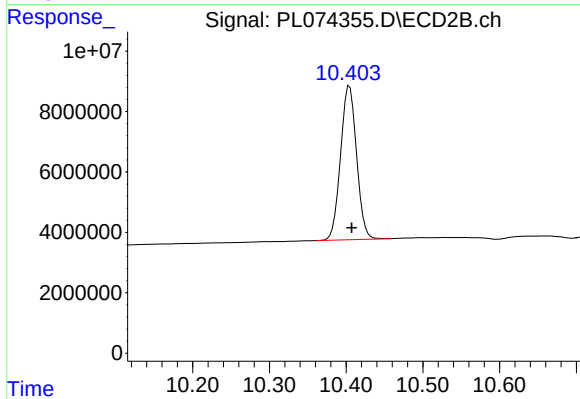
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 96156404
Conc: 55.55 ng/ml



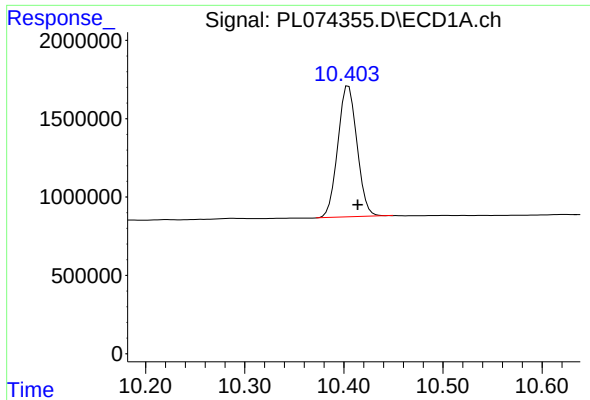
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 23502257
Conc: 50.39 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 74044568
Conc: 53.76 ng/ml



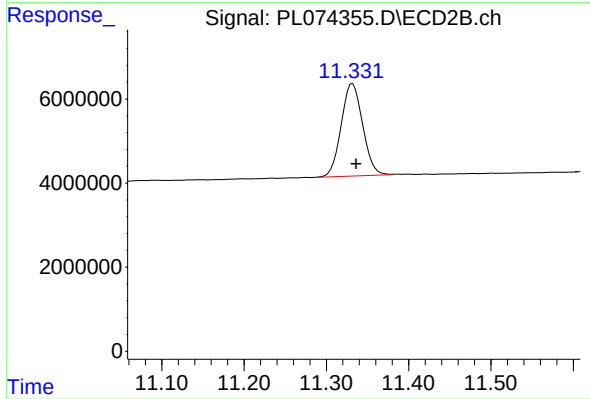
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 11217728
Conc: 21.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2022
Supervised By :mohammad ahmed 04/26/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 39816676
Conc: 22.54 ng/ml