

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
 Data File : PL073776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 15:12
 Operator : AR\AJ
 Sample : PB143775BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143775BSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:36:53 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...	4.652	5.487	6713108	38635812	20.960	23.541
28)	SA Decachlor...	10.425	11.337	11137453	37362775	21.903	20.894
Target Compounds							
2)	A alpha-BHC	5.361	6.051	4207906	25099306	10.208	11.157
3)	MA gamma-BHC...	5.784	6.441	4369194	24018151	10.474	11.249
4)	MA Heptachlor	6.196	7.101	4972797	27655861	11.021	11.803
5)	MB Aldrin	6.520	7.469	4386124	23910610	10.616	11.413
6)	B beta-BHC	6.164	6.678	2560561	11815513	12.436	11.335
7)	B delta-BHC	6.426	6.946	4209565	23697964	10.481	11.004
8)	B Heptachlo...	7.097	7.927	4718371	31616894	10.948	15.830 #
9)	A Endosulfan I	7.500	8.326	4505588	20683923	10.983	11.331m
10)	B gamma-Chl...	7.375	8.193	4798902	23870987	10.974	11.688m
11)	B alpha-Chl...	7.444	8.276	4868427	23635205	11.016	11.818m
12)	B 4,4'-DDE	7.658	8.462	3732407	20755462	10.401	11.580
13)	MA Dieldrin	7.785	8.612	4920521	21213908	11.810m	11.500
14)	MA Endrin	8.076	8.847	4548704	17758865	11.723m	11.536
15)	B Endosulfa...	8.388	9.070	4363050	18326165	11.162	11.932m
16)	A 4,4'-DDD	8.243	8.989	3411432	16515089	10.505	11.314m
17)	MA 4,4'-DDT	8.504	9.309	3975525	18809892	10.512	11.508
18)	B Endrin al...	8.576	9.204	3586973	14111068	11.342	11.507
19)	B Endosulfa...	8.807	9.442	4808691	18670052	11.384	11.846
20)	A Methoxychlor	9.100	9.787	2851713	8910607	11.116	9.889m
21)	B Endrin ke...	9.325	9.931	5084171	19641977	10.392m	11.900
22)	Mirex	9.515	10.409	5385673	16401695	11.421	12.074

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
 Data File : PL073776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 15:12
 Operator : AR\AJ
 Sample : PB143775BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

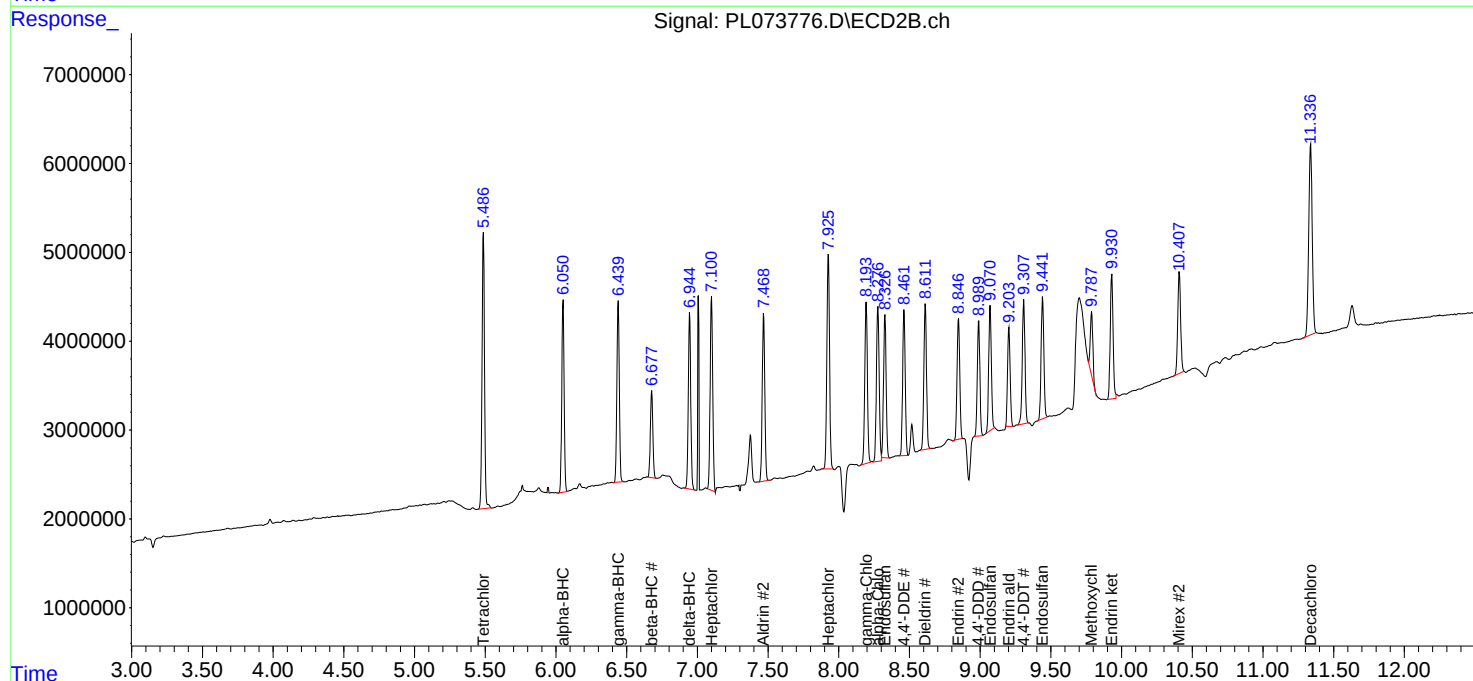
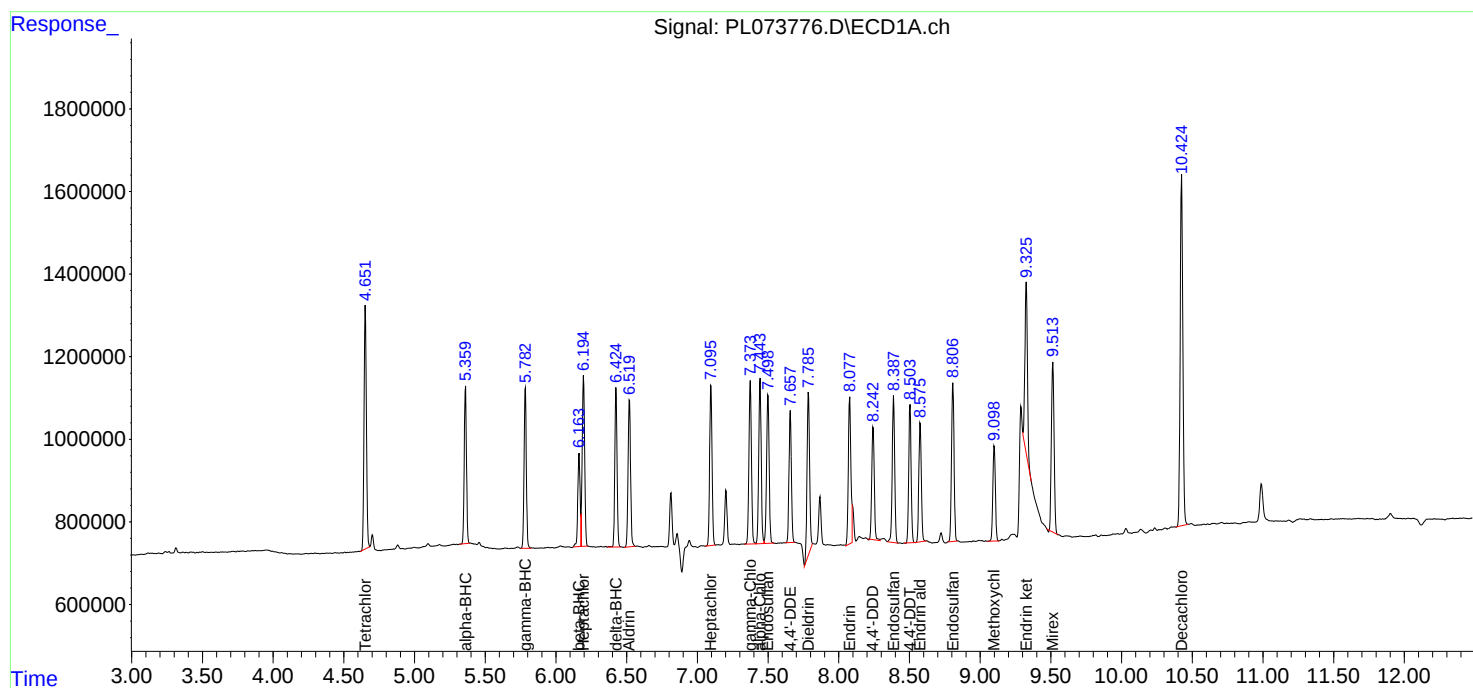
Instrument :
 ECD_L
 ClientSampleId :
 PB143775BSD

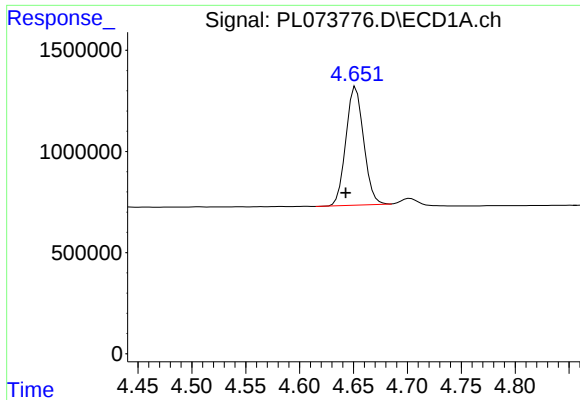
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:36:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





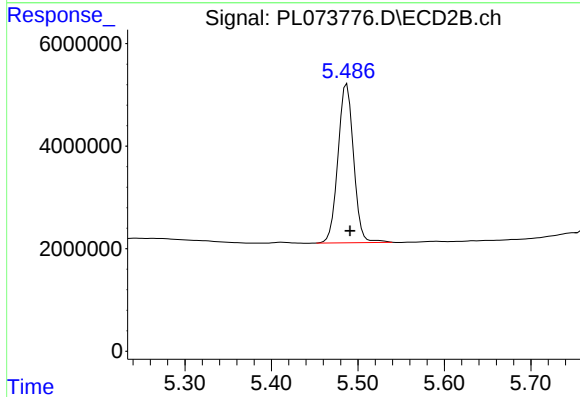
#1 Tetrachloro-m-xylene

R.T.: 4.652 min
Delta R.T.: 0.009 min
Response: 6713108
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

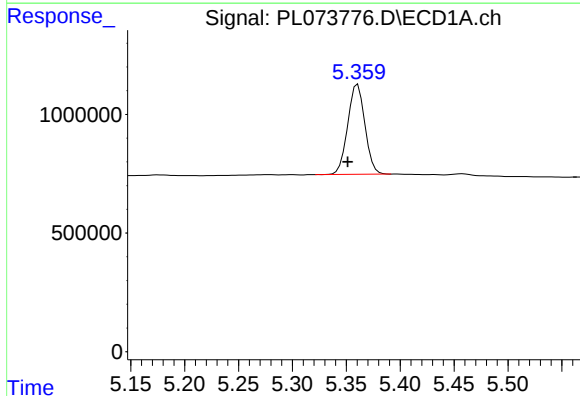
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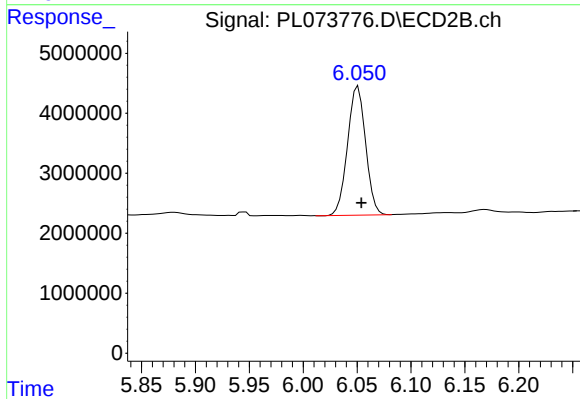
#1 Tetrachloro-m-xylene

R.T.: 5.487 min
Delta R.T.: -0.004 min
Response: 38635812
Conc: 23.54 ng/ml



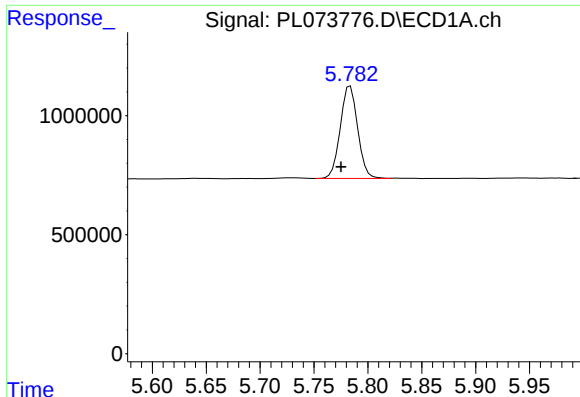
#2 alpha-BHC

R.T.: 5.361 min
Delta R.T.: 0.009 min
Response: 4207906
Conc: 10.21 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 25099306
Conc: 11.16 ng/ml



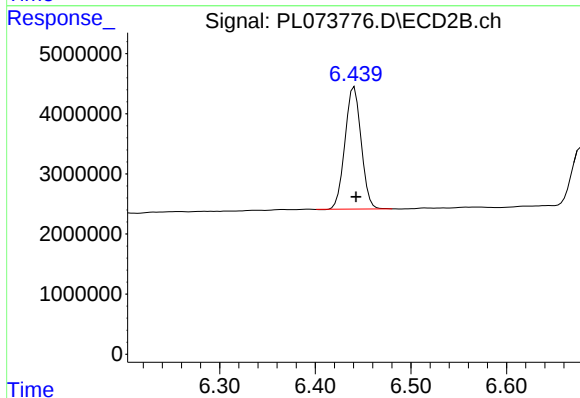
#3 gamma-BHC (Lindane)

R.T.: 5.784 min
Delta R.T.: 0.009 min
Response: 4369194
Conc: 10.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

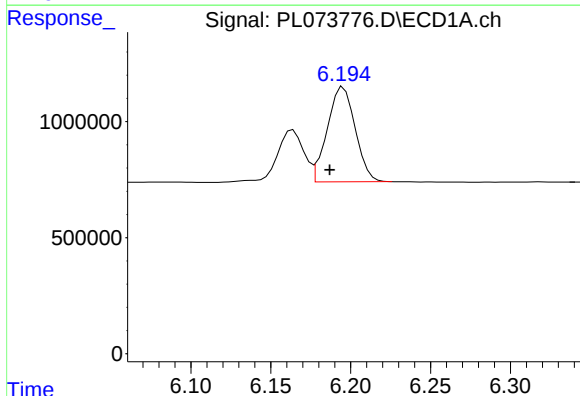
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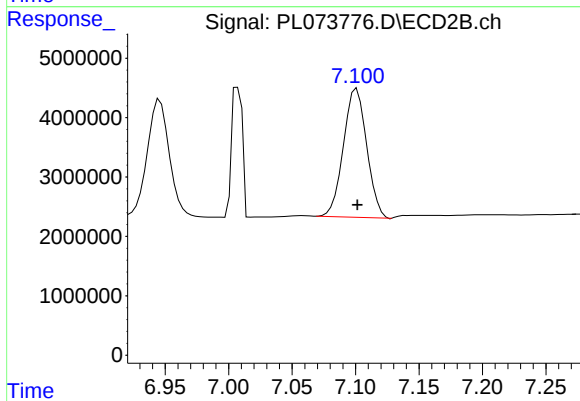
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 24018151
Conc: 11.25 ng/ml



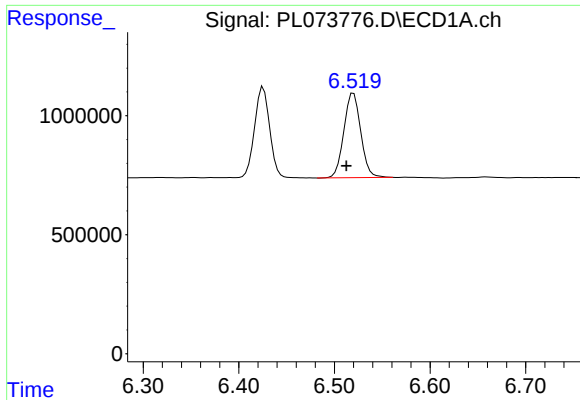
#4 Heptachlor

R.T.: 6.196 min
Delta R.T.: 0.009 min
Response: 4972797
Conc: 11.02 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 27655861
Conc: 11.80 ng/ml



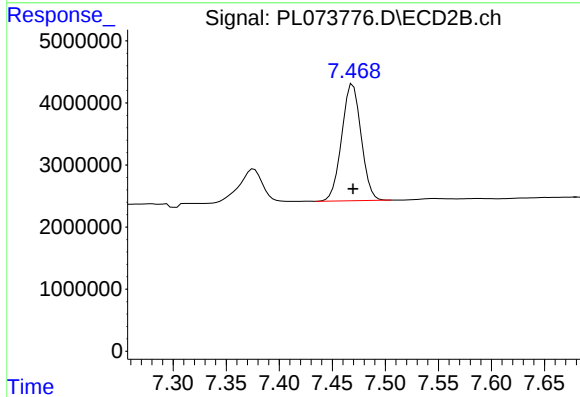
#5 Aldrin

R.T.: 6.520 min
Delta R.T.: 0.007 min
Response: 4386124
Conc: 10.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

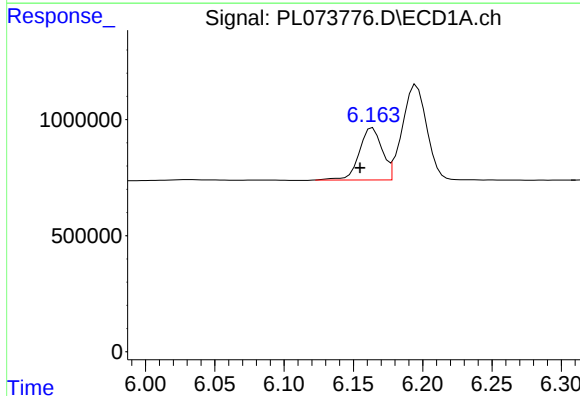
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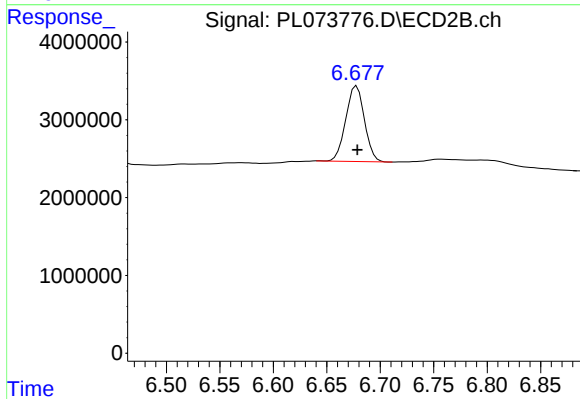
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 23910610
Conc: 11.41 ng/ml



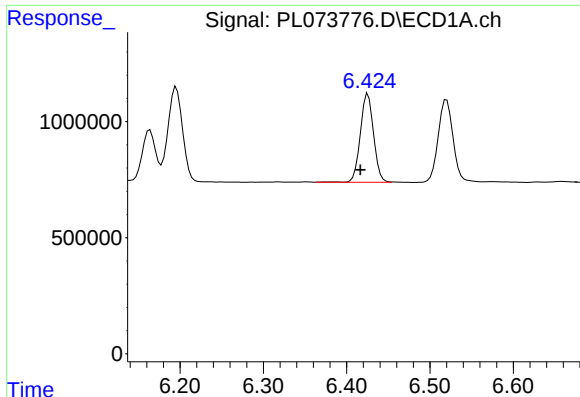
#6 beta-BHC

R.T.: 6.164 min
Delta R.T.: 0.009 min
Response: 2560561
Conc: 12.44 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 11815513
Conc: 11.34 ng/ml



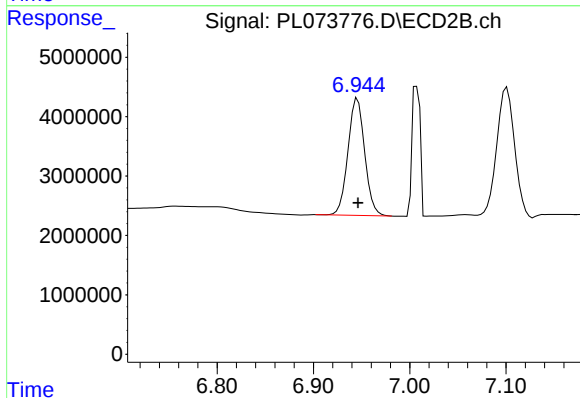
#7 delta-BHC

R.T.: 6.426 min
Delta R.T.: 0.009 min
Response: 4209565
Conc: 10.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

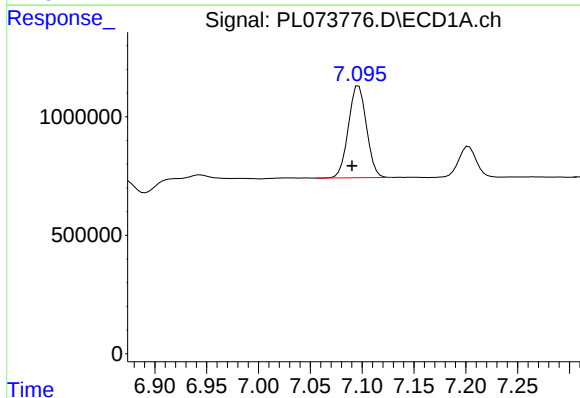
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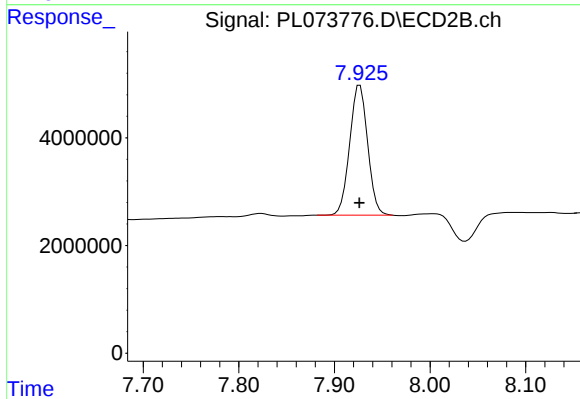
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 23697964
Conc: 11.00 ng/ml



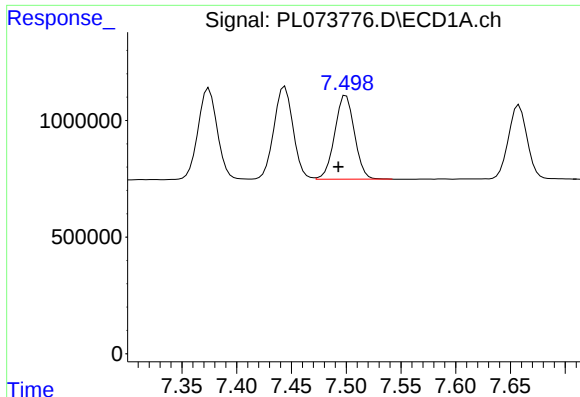
#8 Heptachlor epoxide

R.T.: 7.097 min
Delta R.T.: 0.006 min
Response: 4718371
Conc: 10.95 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 31616894
Conc: 15.83 ng/ml



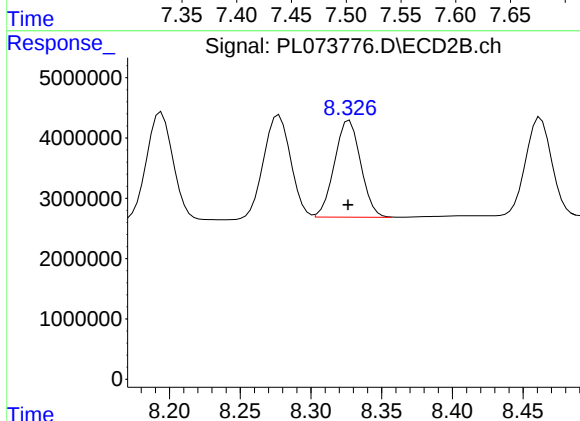
#9 Endosulfan I

R.T.: 7.500 min
Delta R.T.: 0.007 min
Response: 4505588
Conc: 10.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

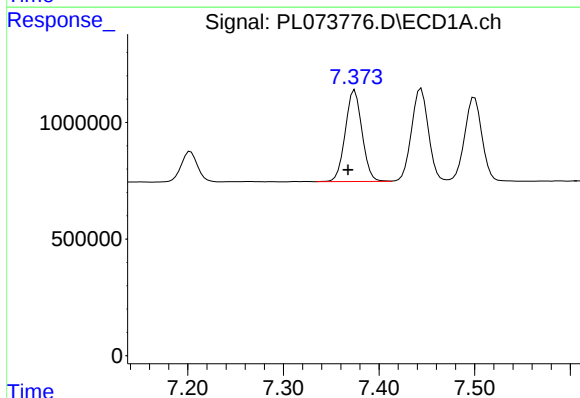
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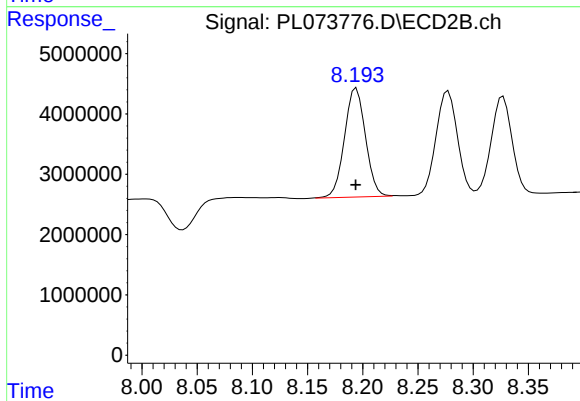
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 20683923
Conc: 11.33 ng/ml m



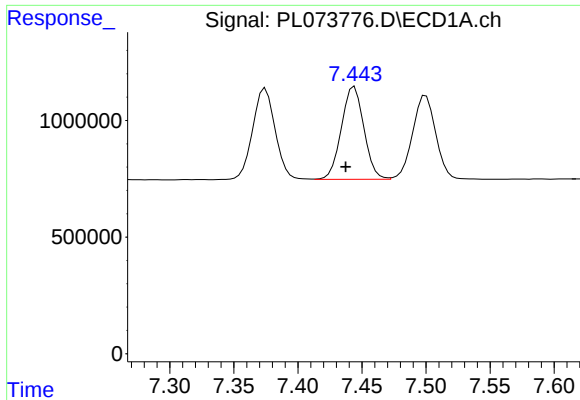
#10 gamma-Chlordane

R.T.: 7.375 min
Delta R.T.: 0.007 min
Response: 4798902
Conc: 10.97 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 23870987
Conc: 11.69 ng/ml m



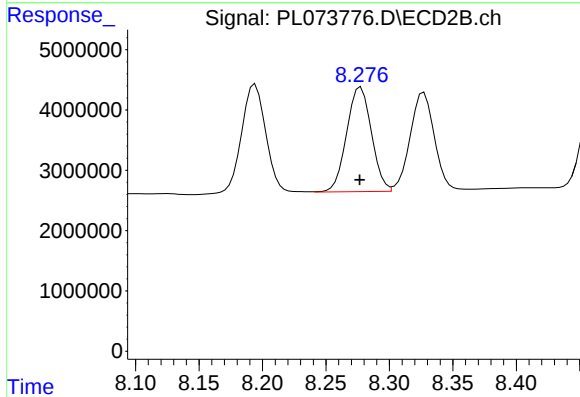
#11 alpha-Chlordane

R.T.: 7.444 min
Delta R.T.: 0.007 min
Response: 4868427
Conc: 11.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

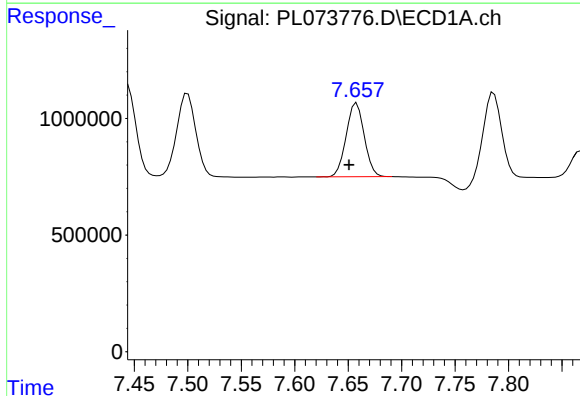
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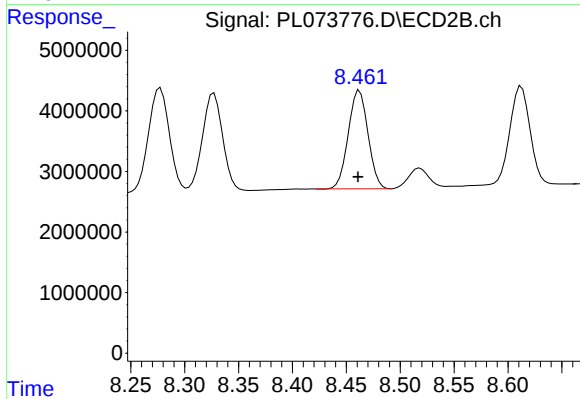
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 23635205
Conc: 11.82 ng/ml m



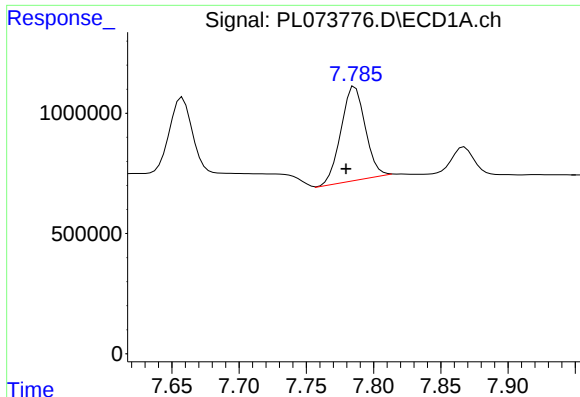
#12 4,4'-DDE

R.T.: 7.658 min
Delta R.T.: 0.007 min
Response: 3732407
Conc: 10.40 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 20755462
Conc: 11.58 ng/ml



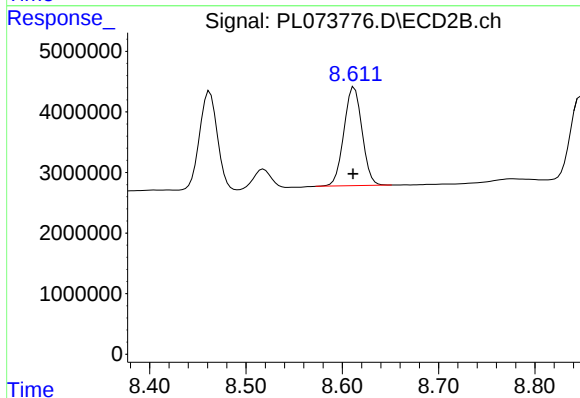
#13 Dieldrin

R.T.: 7.785 min
Delta R.T.: 0.005 min
Response: 4920521
Conc: 11.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

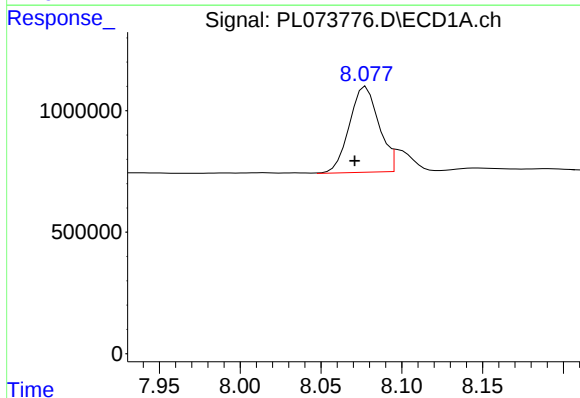
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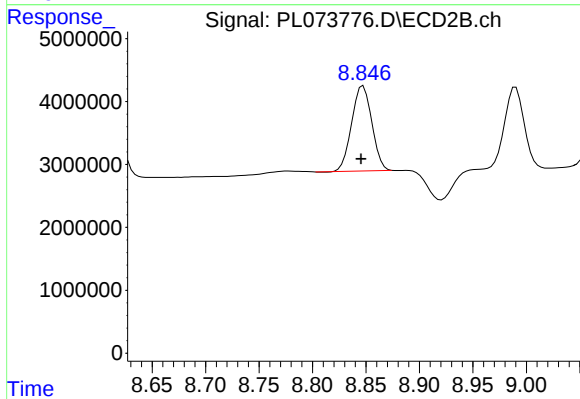
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 21213908
Conc: 11.50 ng/ml



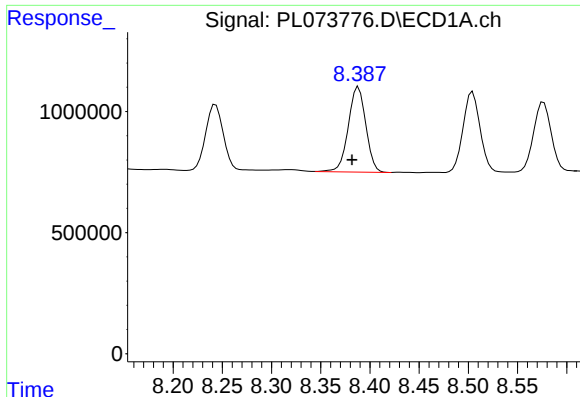
#14 Endrin

R.T.: 8.076 min
Delta R.T.: 0.006 min
Response: 4548704
Conc: 11.72 ng/ml m



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 17758865
Conc: 11.54 ng/ml



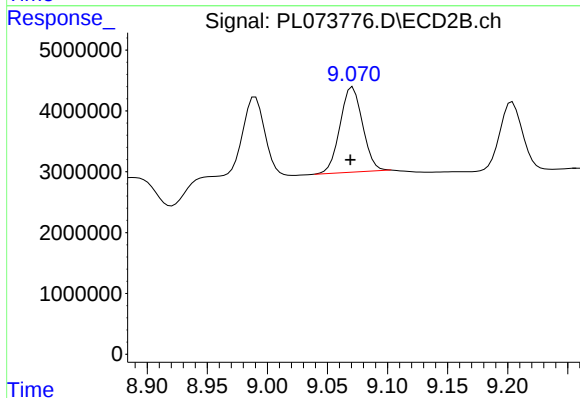
#15 Endosulfan II

R.T.: 8.388 min
Delta R.T.: 0.007 min
Response: 4363050
Conc: 11.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

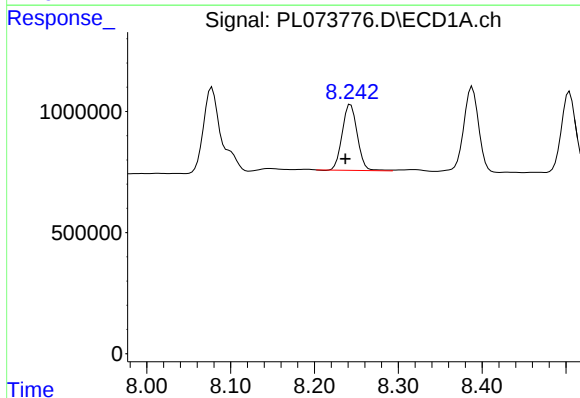
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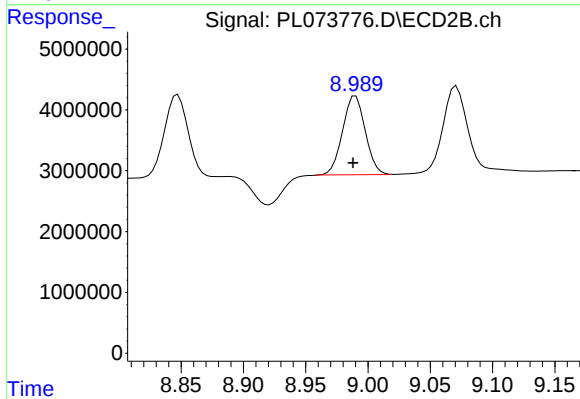
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 18326165
Conc: 11.93 ng/ml m



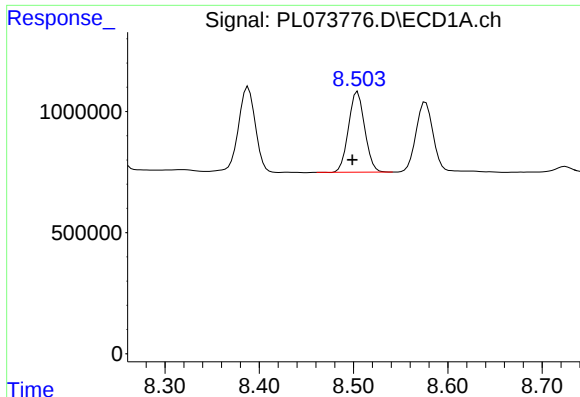
#16 4,4'-DDD

R.T.: 8.243 min
Delta R.T.: 0.006 min
Response: 3411432
Conc: 10.51 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 16515089
Conc: 11.31 ng/ml m



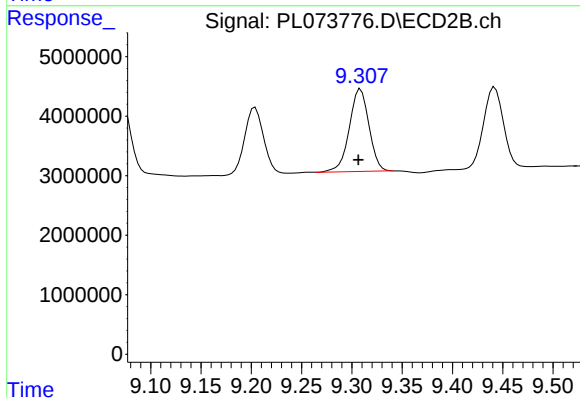
#17 4,4'-DDT

R.T.: 8.504 min
Delta R.T.: 0.006 min
Response: 3975525
Conc: 10.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

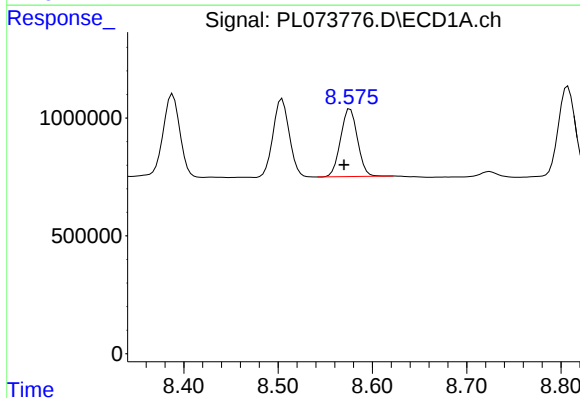
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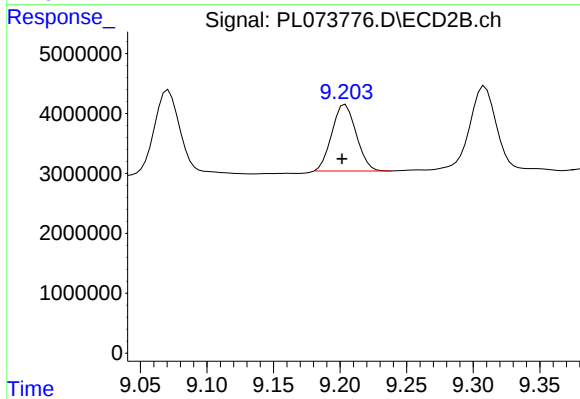
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 18809892
Conc: 11.51 ng/ml



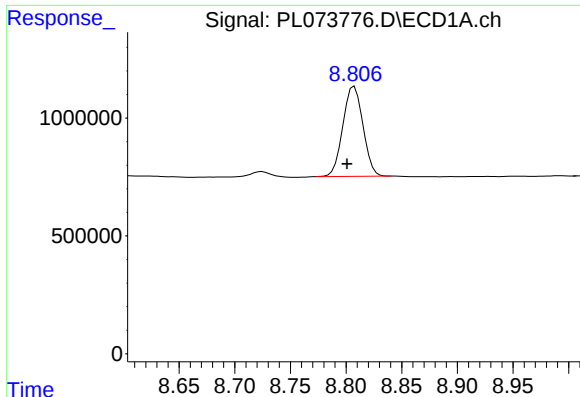
#18 Endrin aldehyde

R.T.: 8.576 min
Delta R.T.: 0.007 min
Response: 3586973
Conc: 11.34 ng/ml



#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.002 min
Response: 14111068
Conc: 11.51 ng/ml



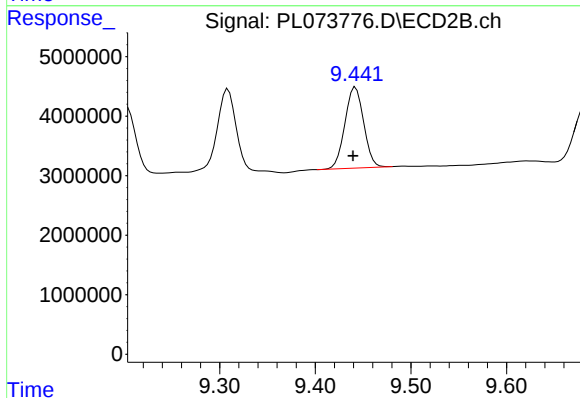
#19 Endosulfan Sulfate

R.T.: 8.807 min
Delta R.T.: 0.006 min
Response: 4808691
Conc: 11.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

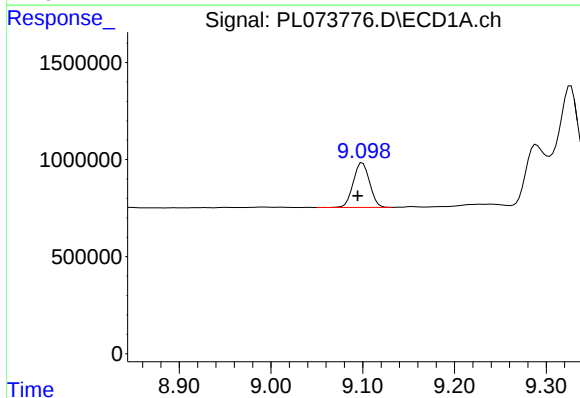
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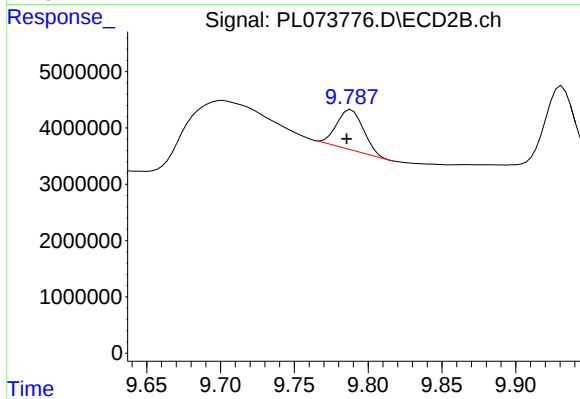
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.003 min
Response: 18670052
Conc: 11.85 ng/ml



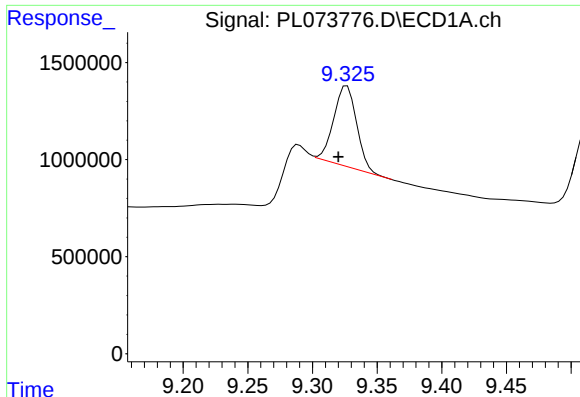
#20 Methoxychlor

R.T.: 9.100 min
Delta R.T.: 0.005 min
Response: 2851713
Conc: 11.12 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 8910607
Conc: 9.89 ng/ml m



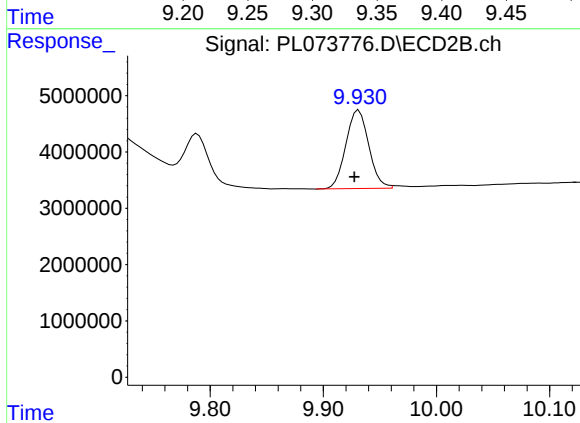
#21 Endrin ketone

R.T.: 9.325 min
Delta R.T.: 0.005 min
Response: 5084171
Conc: 10.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

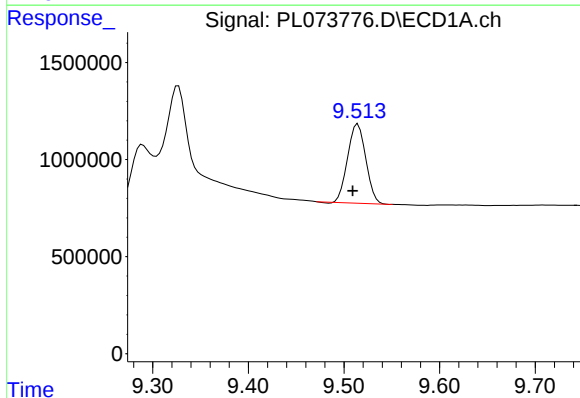
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Reviewed By :Abdul Mirza 04/04/2022
Supervised By :mohammad ahmed 04/04/2022



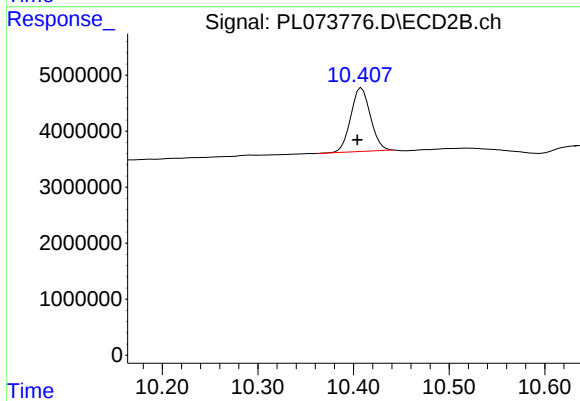
#21 Endrin ketone

R.T.: 9.931 min
Delta R.T.: 0.004 min
Response: 19641977
Conc: 11.90 ng/ml



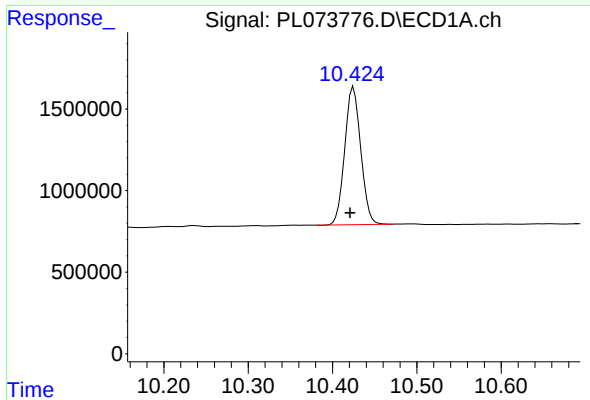
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.005 min
Response: 5385673
Conc: 11.42 ng/ml



#22 Mirex

R.T.: 10.409 min
Delta R.T.: 0.004 min
Response: 16401695
Conc: 12.07 ng/ml



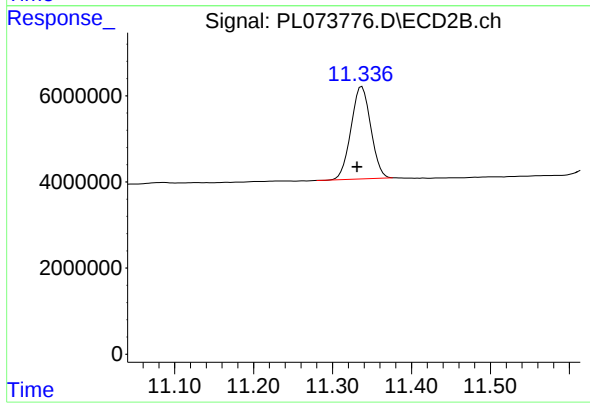
#28 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.004 min
Response: 11137453
Conc: 21.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143775BSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.337 min
Delta R.T.: 0.006 min
Response: 37362775
Conc: 20.89 ng/ml