

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042822\
 Data File : PL074441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2022 05:59
 Operator : AR\AJ
 Sample : PB144446BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144446BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2022
 Supervised By : mohammad ahmed 04/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 06:30:29 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...	4.634	5.489	6792661	35922643	21.023	20.148
28)	SA Decachlor...	10.403	11.333	11717870	38802185	22.533m	21.968
Target Compounds							
2)	A alpha-BHC	5.341	6.052	3763222	19673032	8.967	7.813
3)	MA gamma-BHC...	5.765	6.440	3892979	20331012	9.282	8.589m
4)	MA Heptachlor	6.175	7.100	4486624	23000705	9.960	8.818
5)	MB Aldrin	6.500	7.469	4374870	22505633	10.541	9.583
6)	B beta-BHC	6.145	6.679	2200559	11326910	10.770	10.050
7)	B delta-BHC	6.406	6.946	1735187	9871391	4.195	4.042
8)	B Heptachlo...	7.077	7.925	4621066	21712382	10.773	9.643
9)	A Endosulfan I	7.480	8.325	4407901	19615879	10.748	9.964
10)	B gamma-Chl...	7.354	8.193	4784772	22153019	10.909	9.933
11)	B alpha-Chl...	7.424	8.276	4814131	21686228	10.897	10.075
12)	B 4,4'-DDE	7.638	8.461	3874081	20482259	10.619	10.284
13)	MA Dieldrin	7.766	8.610	4402876	20250181	10.249	10.098
14)	MA Endrin	8.057	8.845	3962241	16009222	9.754	9.452
15)	B Endosulfa...	8.368	9.069	4528024	17168053	10.986	9.882
16)	A 4,4'-DDD	8.223	8.988	3493060	16065931	10.817	10.442
17)	MA 4,4'-DDT	8.484	9.306	3004783	13670817	8.129	7.712
18)	B Endrin al...	8.557	9.201	3435213	12946370	10.617	10.023m
19)	B Endosulfa...	8.788	9.440	3944199	14331528	9.237	8.611
20)	A Methoxychlor	9.080	9.786	2238036	8227156	9.015	8.554
21)	B Endrin ke...	9.307	9.928	5144477	18329408	10.530	10.589
22)	Mirex	9.494	10.404	17047816	49344426	36.552	35.824

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042822\
 Data File : PL074441.D
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 Acq On : 29 Apr 2022 05:59
 Operator : AR\AJ
 Sample : PB144446BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

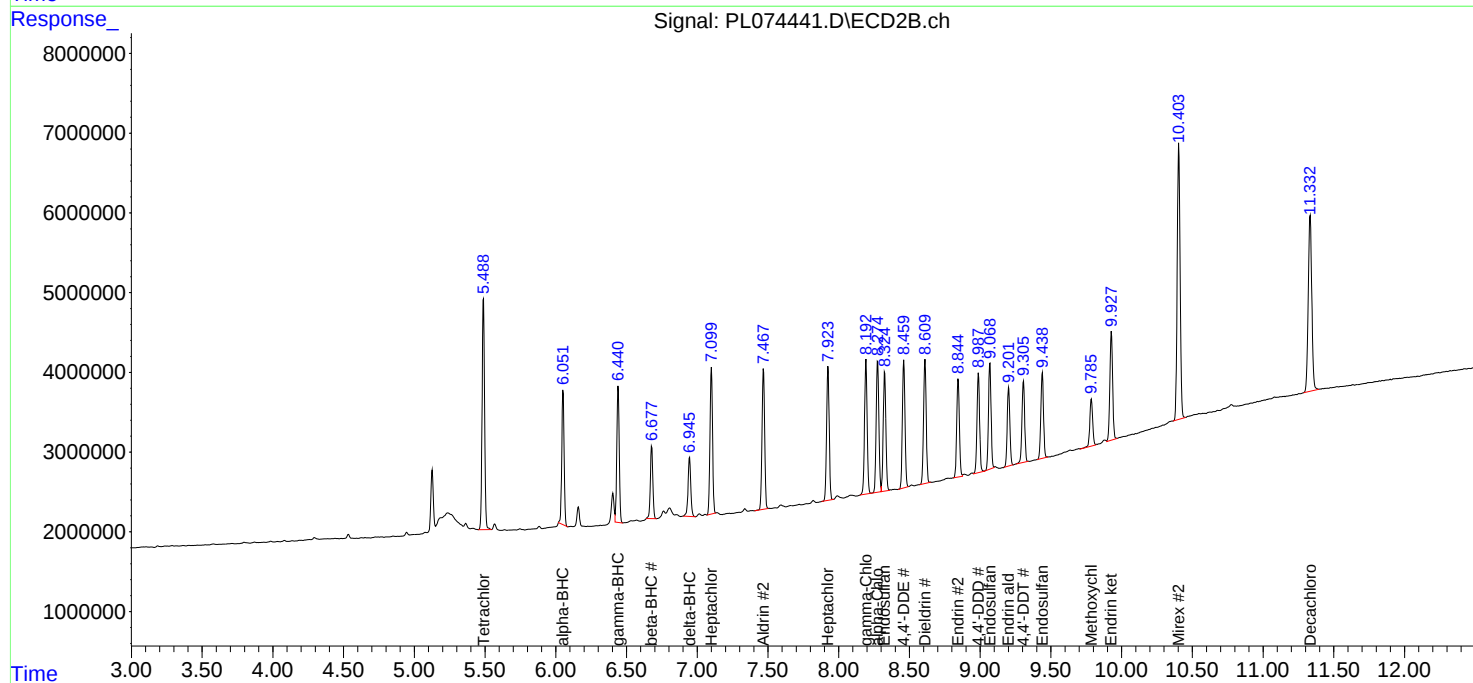
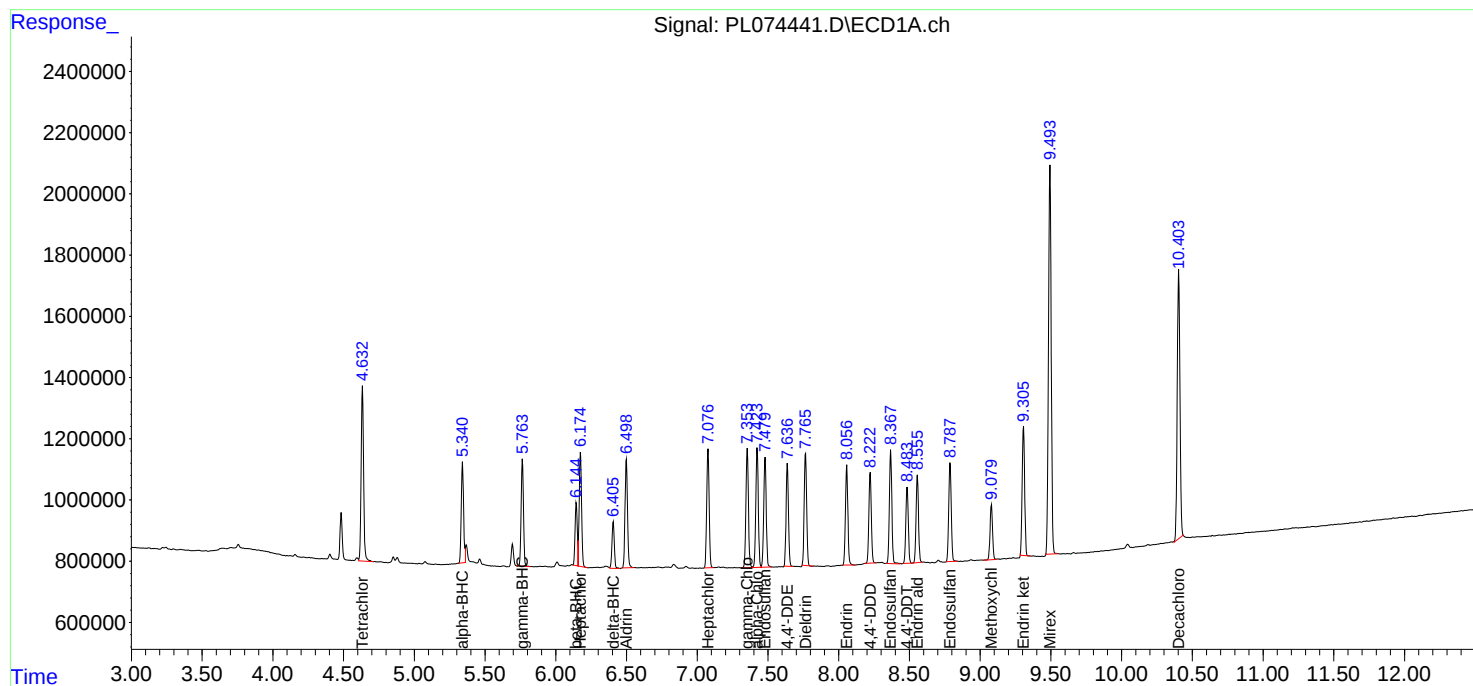
Instrument :
 ECD_L
 ClientSampleId :
 PB144446BSD

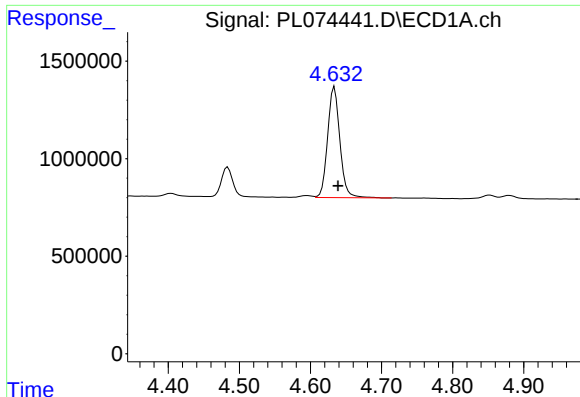
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 06:30:29 2022
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Volume Inj. : 1 µl
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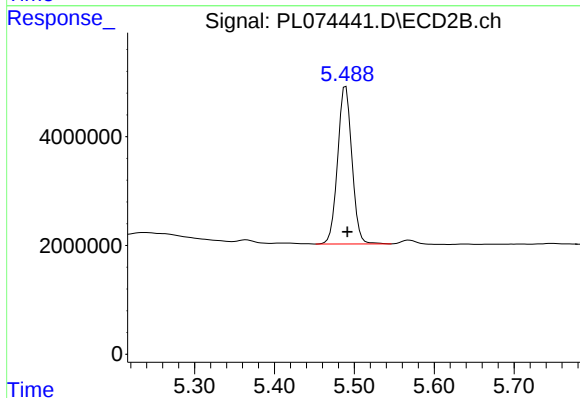
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 6792661
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

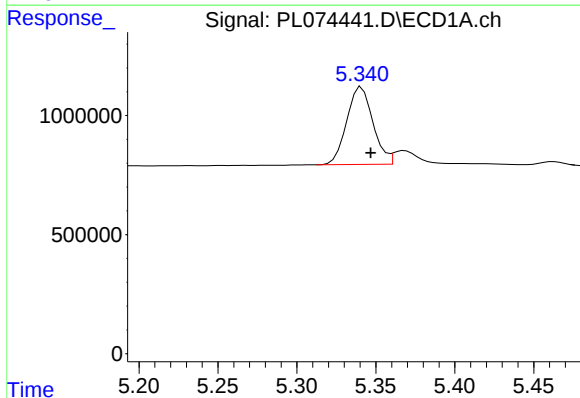
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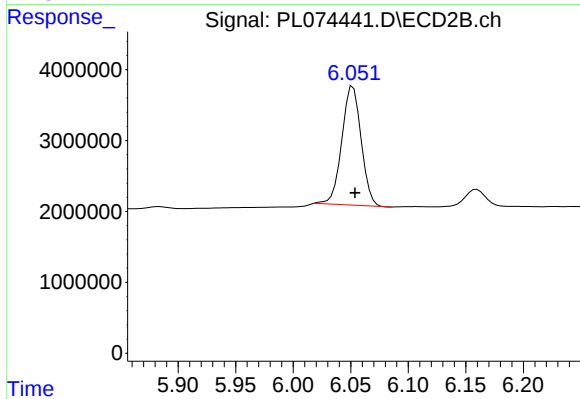
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 35922643
Conc: 20.15 ng/ml



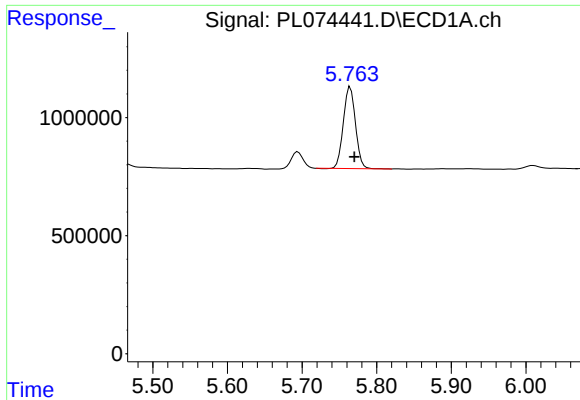
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 3763222
Conc: 8.97 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 19673032
Conc: 7.81 ng/ml



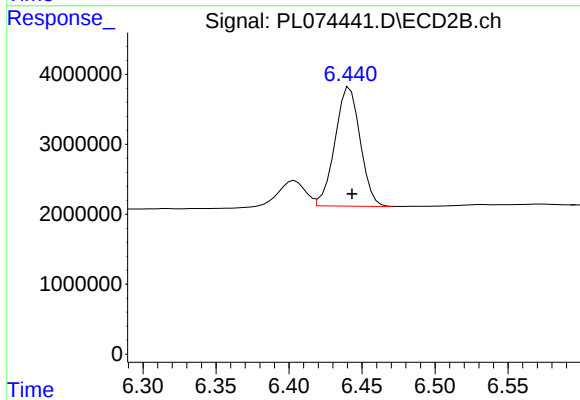
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 3892979
Conc: 9.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

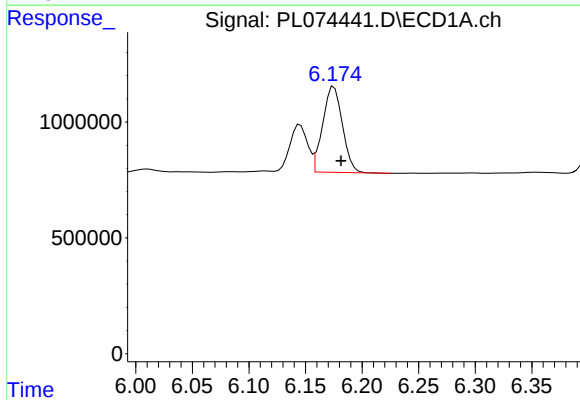
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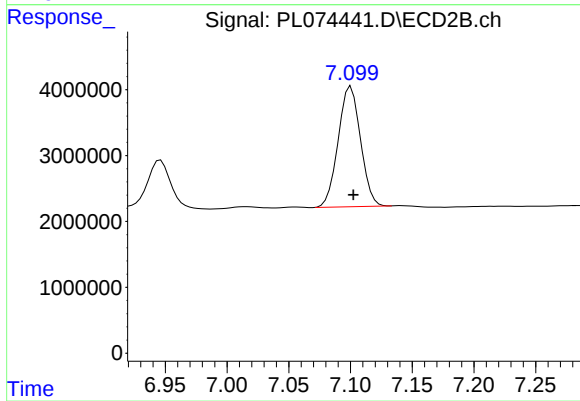
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 20331012
Conc: 8.59 ng/ml m



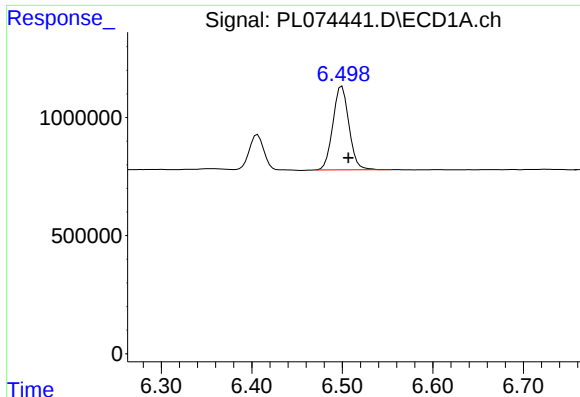
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 4486624
Conc: 9.96 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 23000705
Conc: 8.82 ng/ml



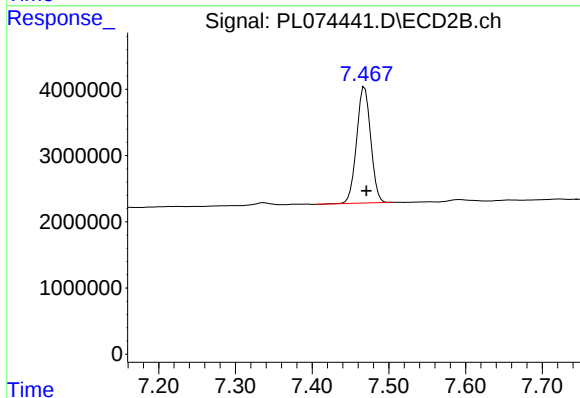
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 4374870
Conc: 10.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

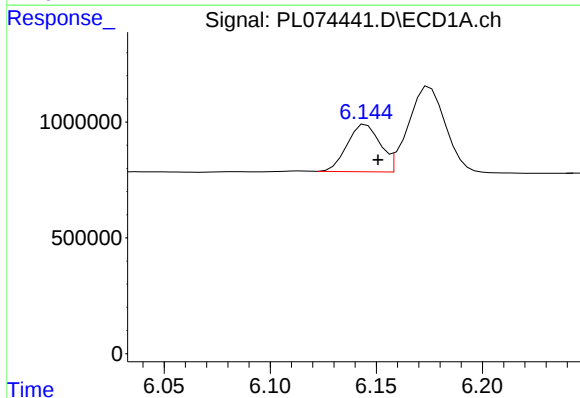
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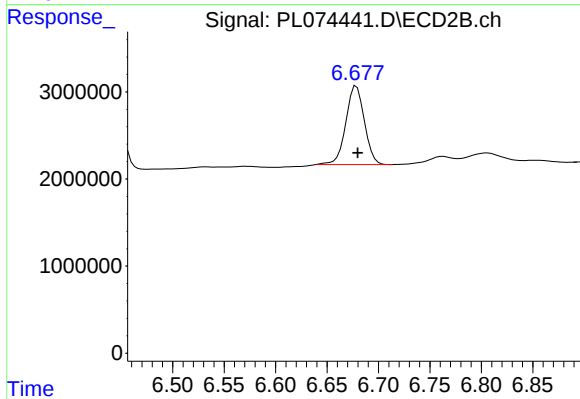
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 22505633
Conc: 9.58 ng/ml



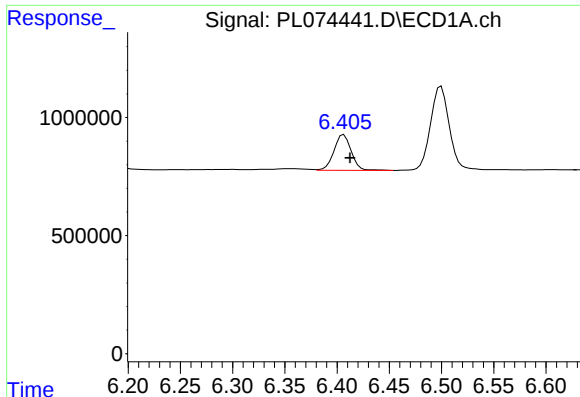
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 2200559
Conc: 10.77 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 11326910
Conc: 10.05 ng/ml



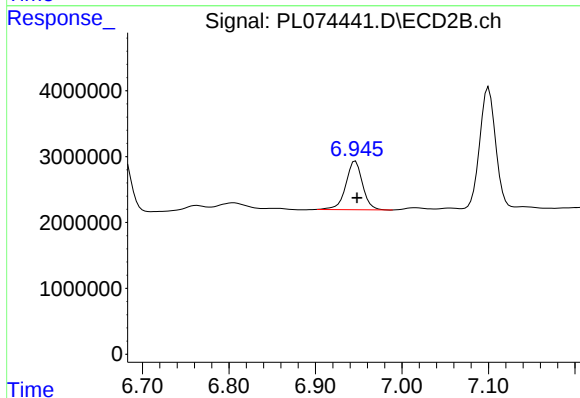
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 1735187
Conc: 4.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

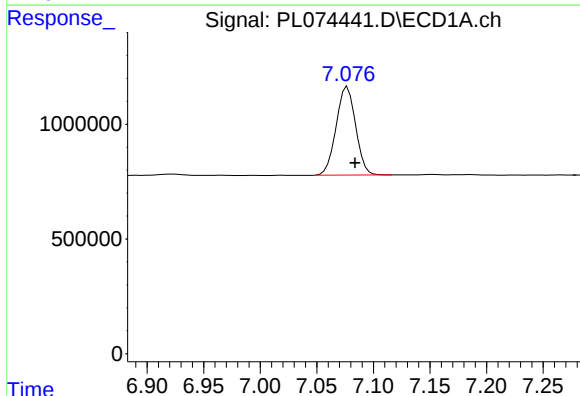
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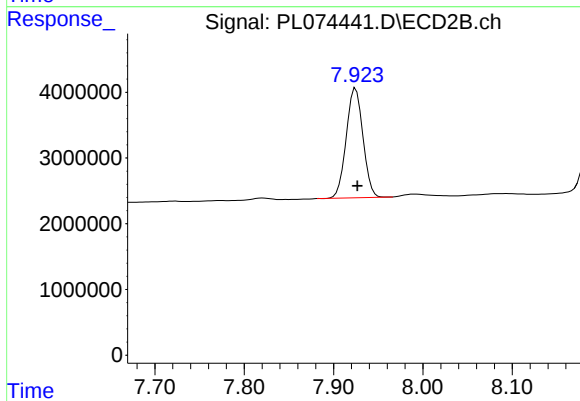
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 9871391
Conc: 4.04 ng/ml



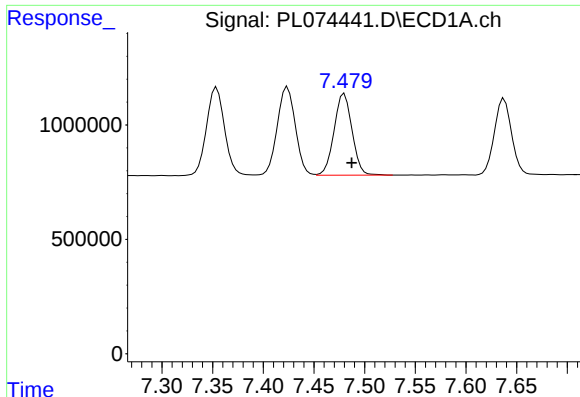
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 4621066
Conc: 10.77 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 21712382
Conc: 9.64 ng/ml



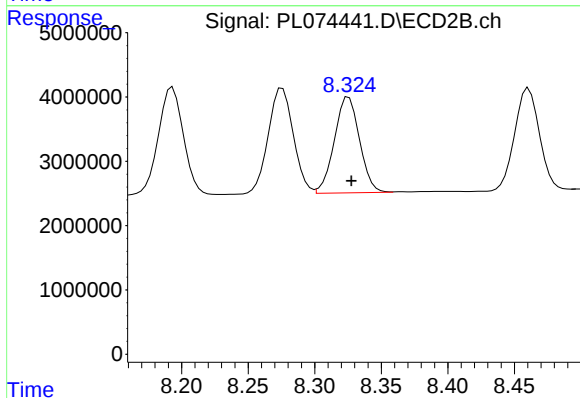
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 4407901
Conc: 10.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

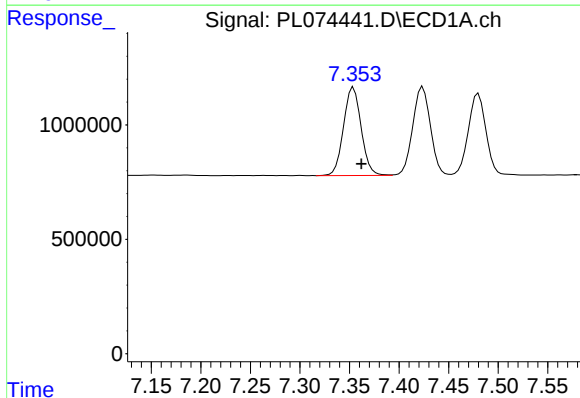
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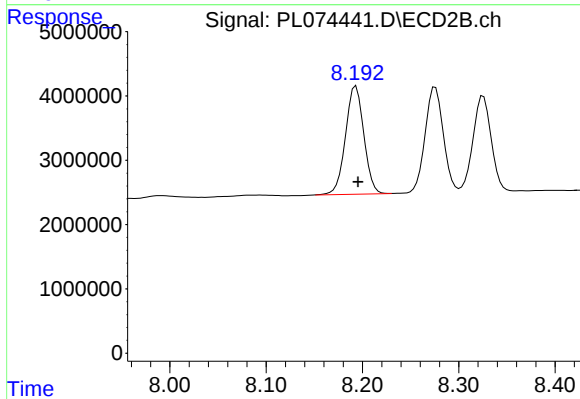
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 19615879
Conc: 9.96 ng/ml



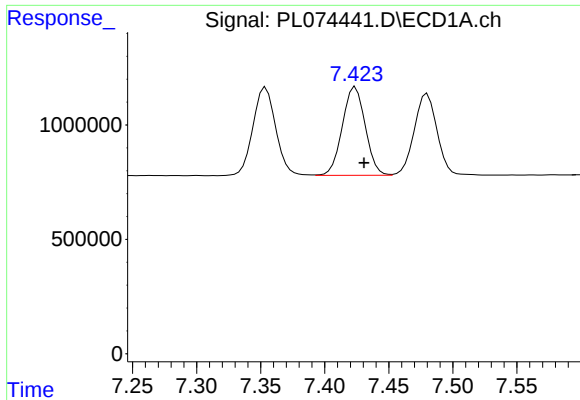
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 4784772
Conc: 10.91 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 22153019
Conc: 9.93 ng/ml



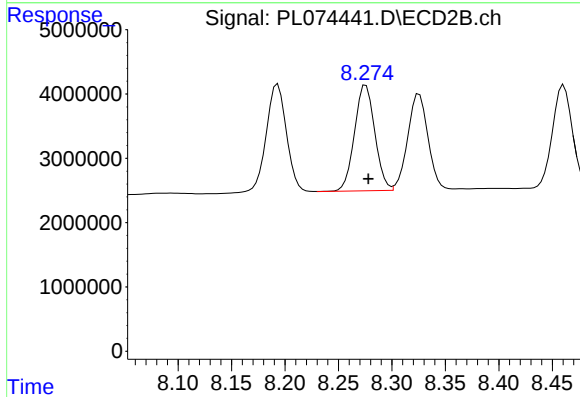
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 4814131
Conc: 10.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

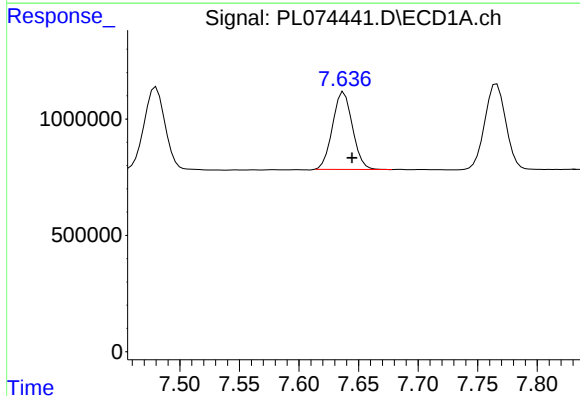
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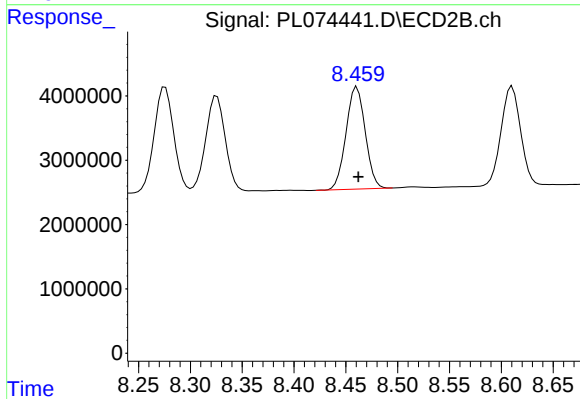
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 21686228
Conc: 10.07 ng/ml



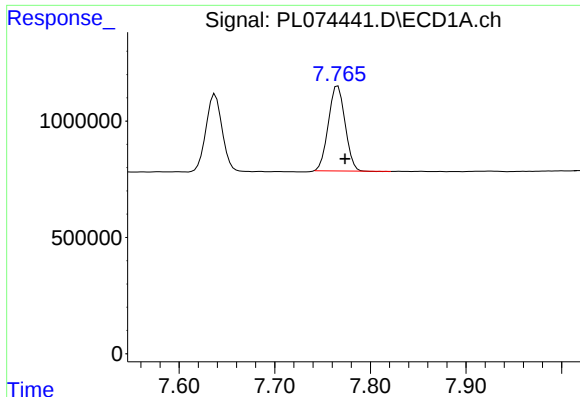
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 3874081
Conc: 10.62 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 20482259
Conc: 10.28 ng/ml



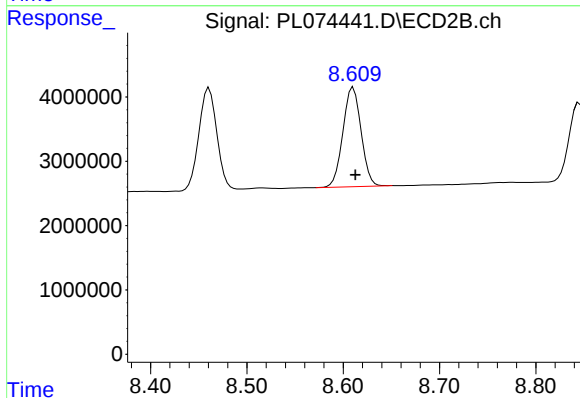
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.007 min
Response: 4402876
Conc: 10.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

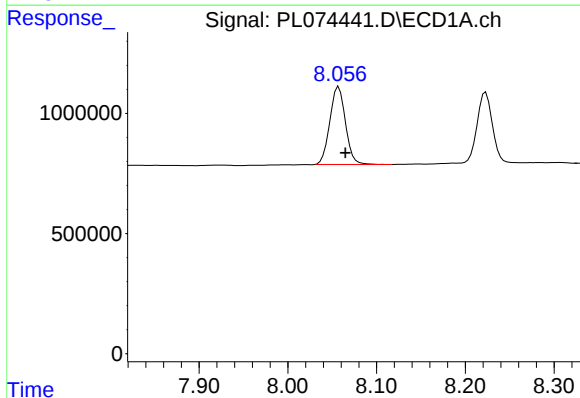
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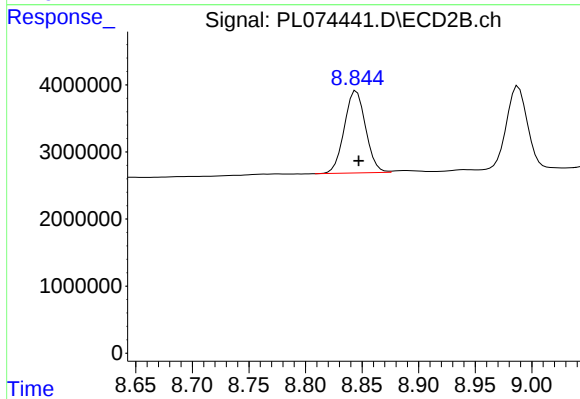
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 20250181
Conc: 10.10 ng/ml



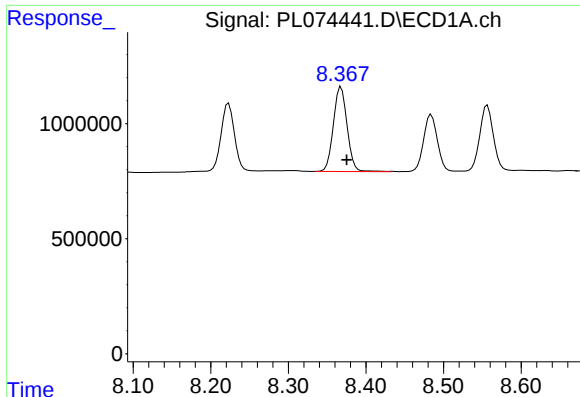
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 3962241
Conc: 9.75 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 16009222
Conc: 9.45 ng/ml



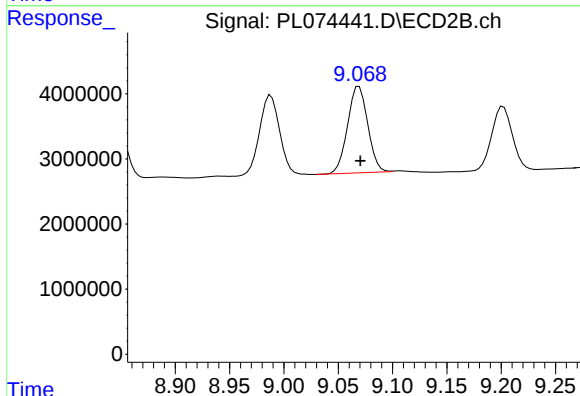
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 4528024
Conc: 10.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

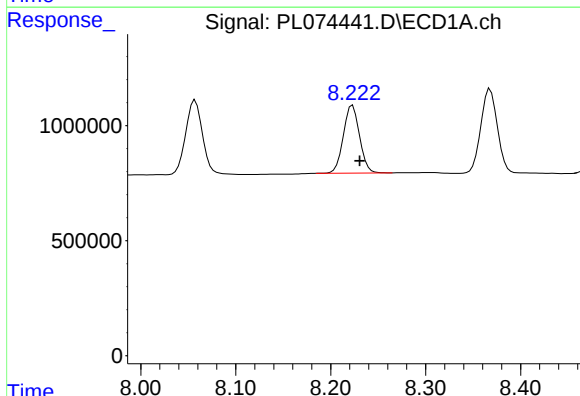
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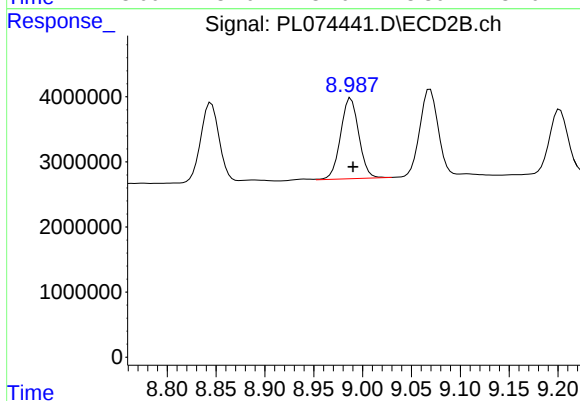
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 17168053
Conc: 9.88 ng/ml



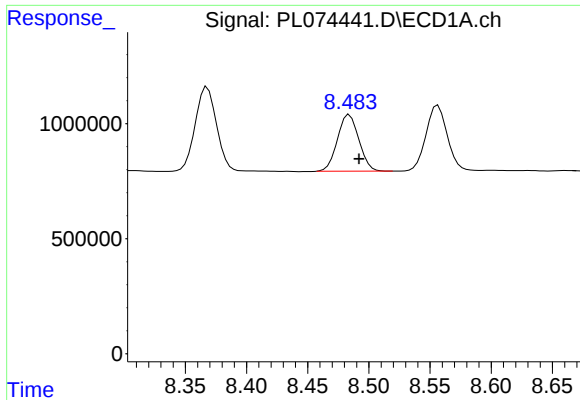
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 3493060
Conc: 10.82 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 16065931
Conc: 10.44 ng/ml



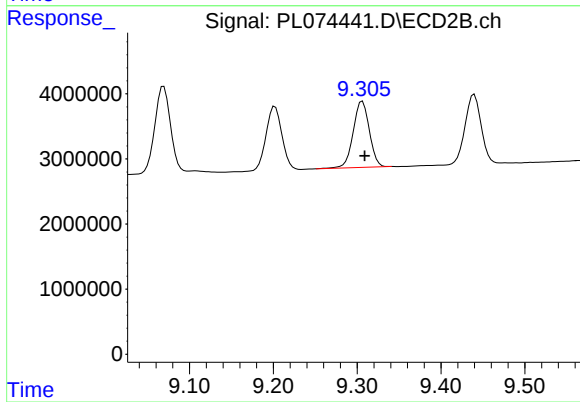
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 3004783
Conc: 8.13 ng/ml

Instrument :
ECD_L
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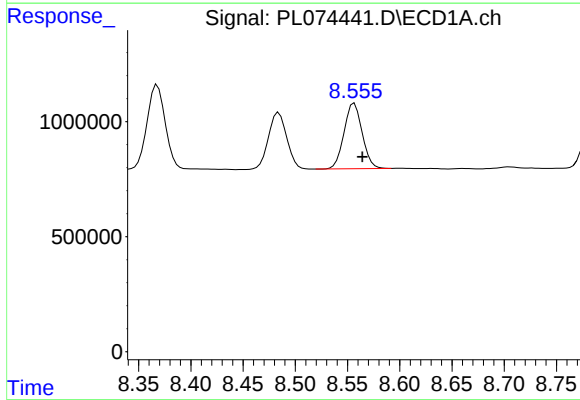
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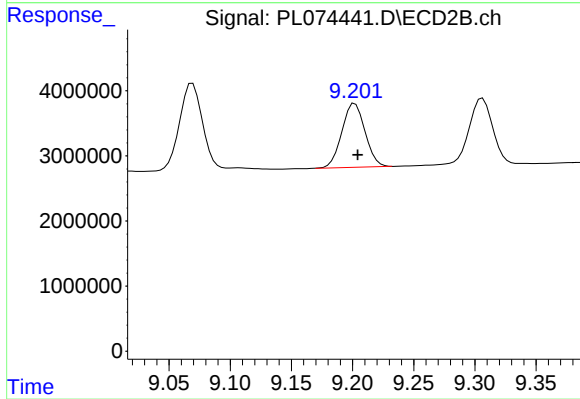
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 13670817
Conc: 7.71 ng/ml



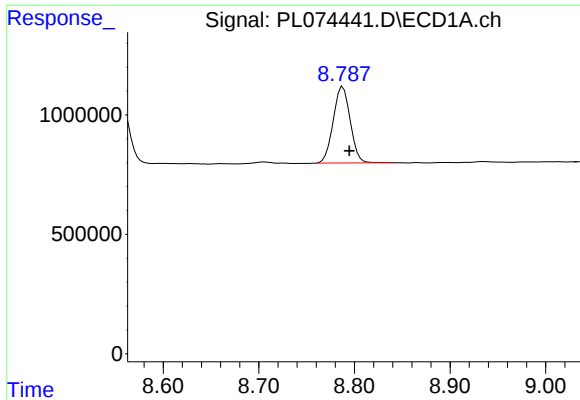
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 3435213
Conc: 10.62 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 12946370
Conc: 10.02 ng/ml m



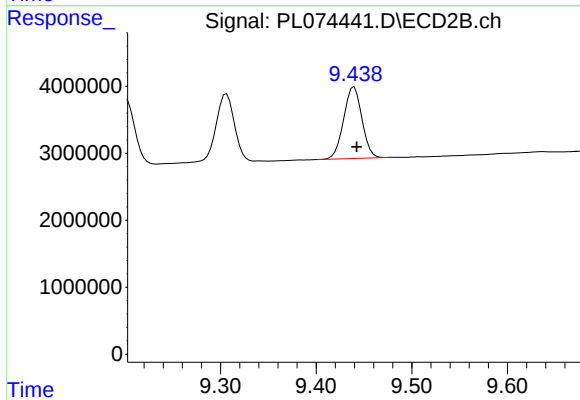
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 3944199
Conc: 9.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

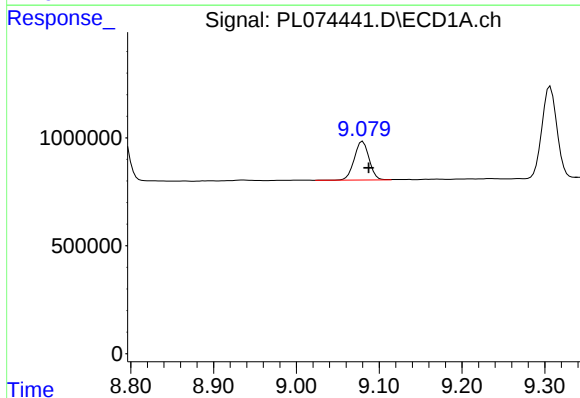
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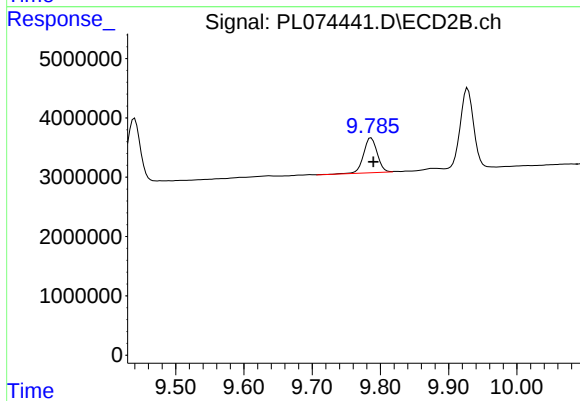
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 14331528
Conc: 8.61 ng/ml



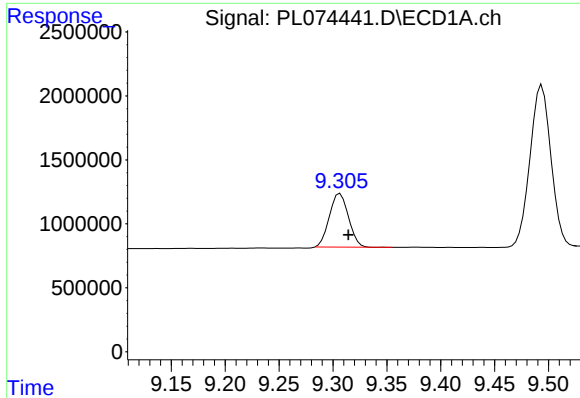
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 2238036
Conc: 9.01 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 8227156
Conc: 8.55 ng/ml



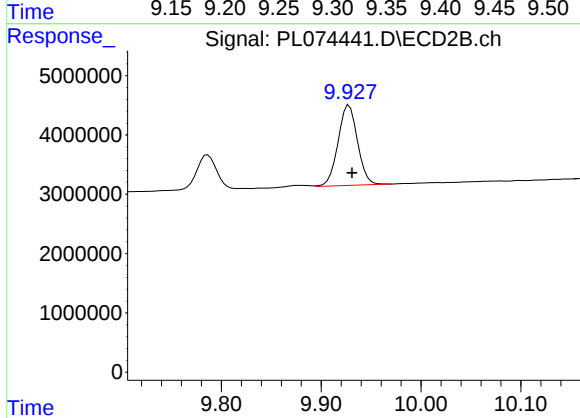
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.008 min
Response: 5144477
Conc: 10.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BSD

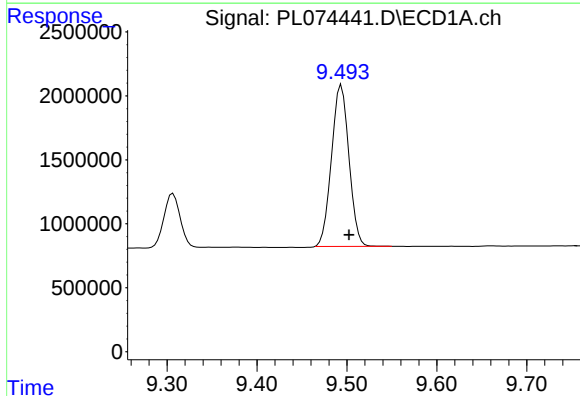
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APPROVED

Reviewed By :Abdul Mirza 04/29/2022
Supervised By :mohammad ahmed 04/29/2022



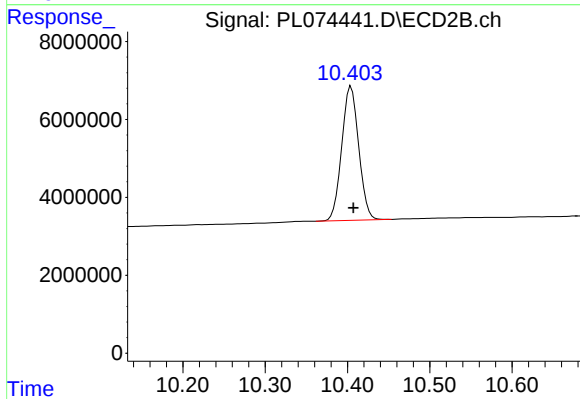
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 18329408
Conc: 10.59 ng/ml



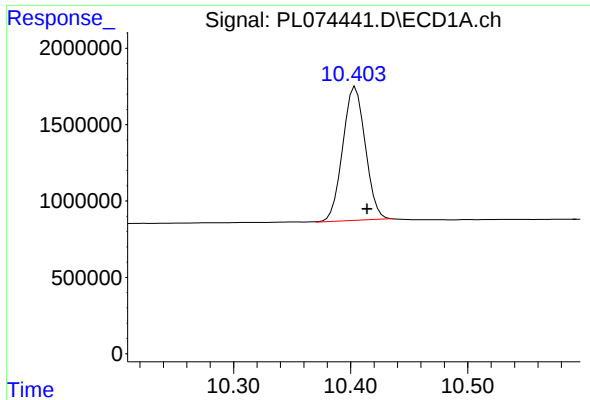
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 17047816
Conc: 36.55 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 49344426
Conc: 35.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 11717870
Conc: 22.53 ng/ml

Instrument :

ECD_L

ClientSampleId :

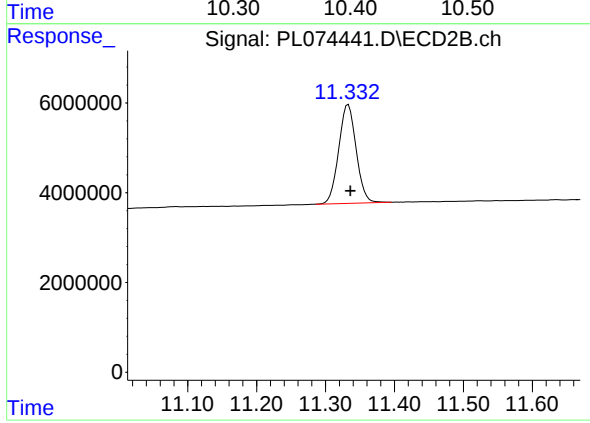
PB144446BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 38802185
Conc: 21.97 ng/ml