

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 15:43
 Operator : AR\AJ
 Sample : PB144394BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144394BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/28/2022
 Supervised By : mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 23:26:13 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...	4.645	5.485	6705711	35598647	20.754	19.966
28)	SA Decachlor...	10.415	11.336	11535224	38933436	22.182	22.042
Target Compounds							
2)	A alpha-BHC	5.353	6.049	3664856	19805827	8.733	7.865
3)	MA gamma-BHC...	5.777	6.438	3781149	20264875	9.016	8.561m
4)	MA Heptachlor	6.187	7.099	4349165	23527515	9.655	9.020
5)	MB Aldrin	6.511	7.468	4241296	22882562	10.219	9.743
6)	B beta-BHC	6.157	6.677	2169715	11018628	10.619	9.777
7)	B delta-BHC	6.418	6.945	1762224	9408377	4.260	3.852
8)	B Heptachlo...	7.088	7.925	4439688	21948130	10.350	9.748
9)	A Endosulfan I	7.491	8.325	4228056	20184613	10.309	10.253
10)	B gamma-Chl...	7.365	8.193	4564606	22282031	10.407	9.990
11)	B alpha-Chl...	7.435	8.276	4597160	22043805	10.406	10.241
12)	B 4,4'-DDE	7.649	8.461	3729756	20835788	10.224	10.461
13)	MA Dieldrin	7.778	8.611	4375838	20785378	10.187	10.365
14)	MA Endrin	8.068	8.845	4006322	16997234	9.862	10.036
15)	B Endosulfa...	8.380	9.070	4345081	18077943	10.542	10.406
16)	A 4,4'-DDD	8.235	8.989	3179489	16943762	9.846	11.012
17)	MA 4,4'-DDT	8.496	9.308	3026162	14408326	8.187	8.128
18)	B Endrin al...	8.568	9.202	3457306	13983236	10.685	10.826m
19)	B Endosulfa...	8.799	9.441	3964427	15418555	9.284	9.264
20)	A Methoxychlor	9.090	9.788	2172032	8123875	8.749	8.446
21)	B Endrin ke...	9.318	9.930	5282741	18785455	10.813	10.853
22)	Mirex	9.504	10.407	16756278	50202085	35.927	36.447

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 15:43
 Operator : AR\AJ
 Sample : PB144394BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

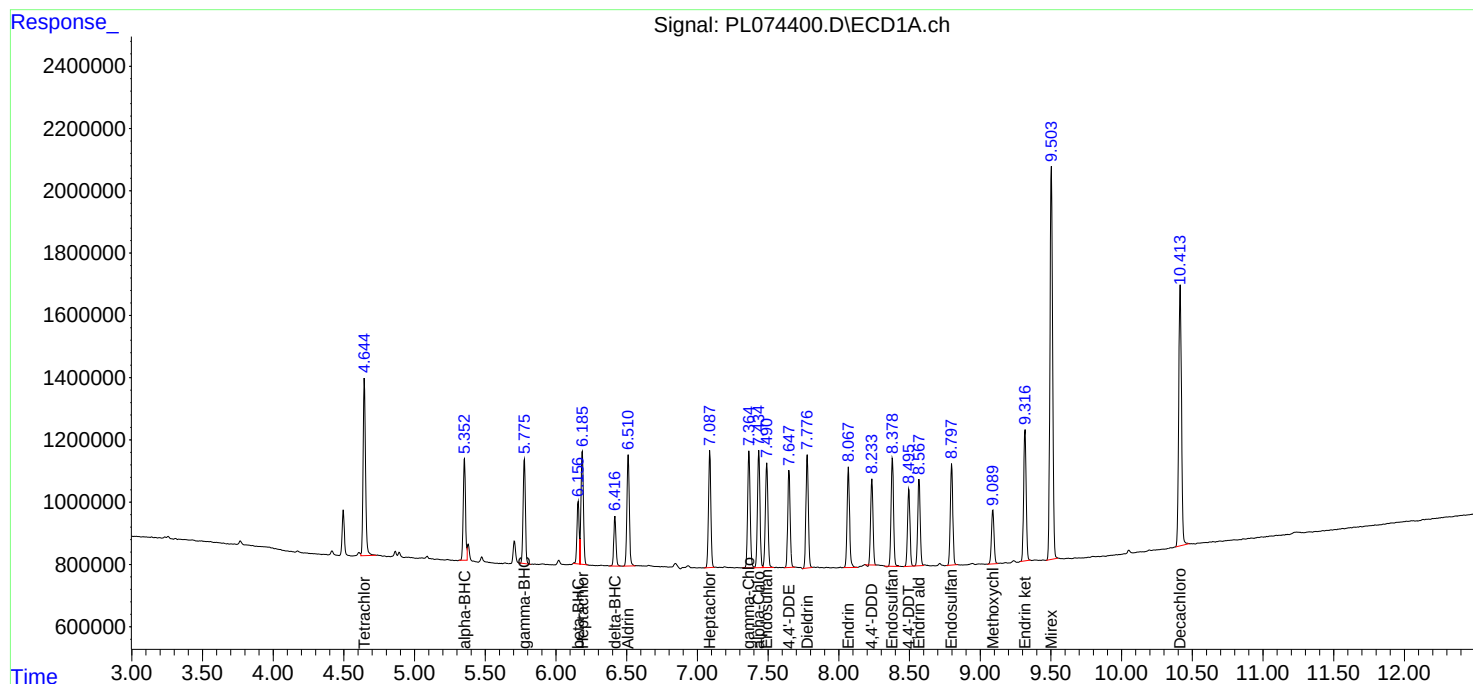
Instrument :
 ECD_L
 ClientSampleId :
 PB144394BSD

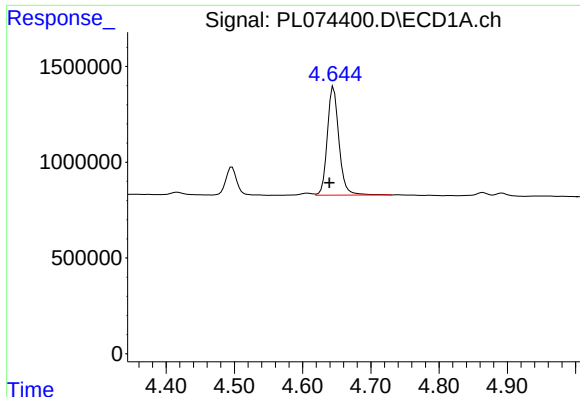
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/28/2022

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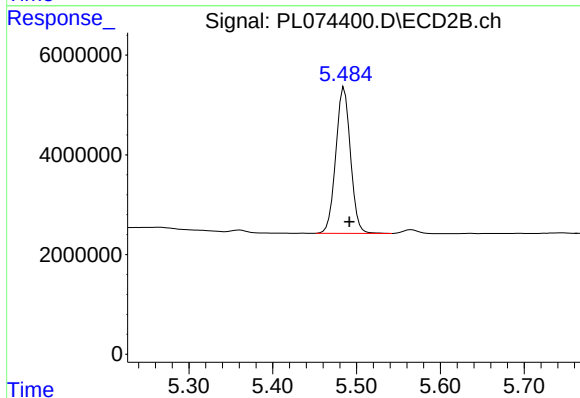
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.006 min
Response: 6705711
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

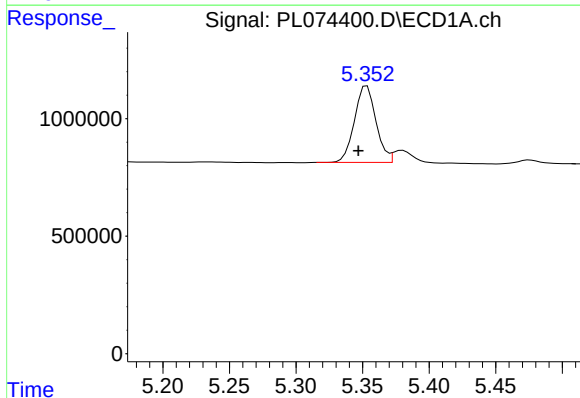
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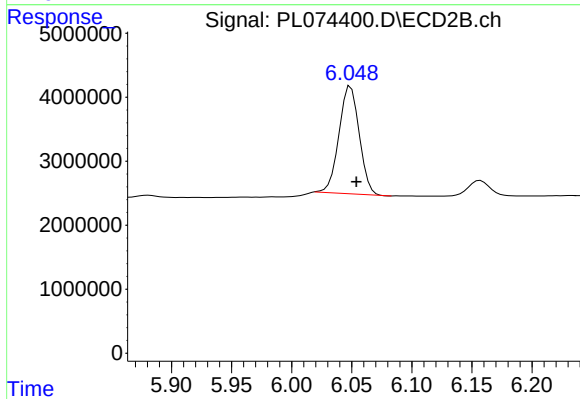
#1 Tetrachloro-m-xylene

R.T.: 5.485 min
Delta R.T.: -0.006 min
Response: 35598647
Conc: 19.97 ng/ml



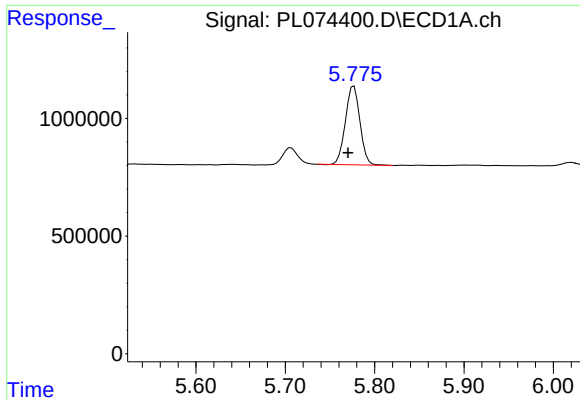
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.006 min
Response: 3664856
Conc: 8.73 ng/ml



#2 alpha-BHC

R.T.: 6.049 min
Delta R.T.: -0.005 min
Response: 19805827
Conc: 7.87 ng/ml



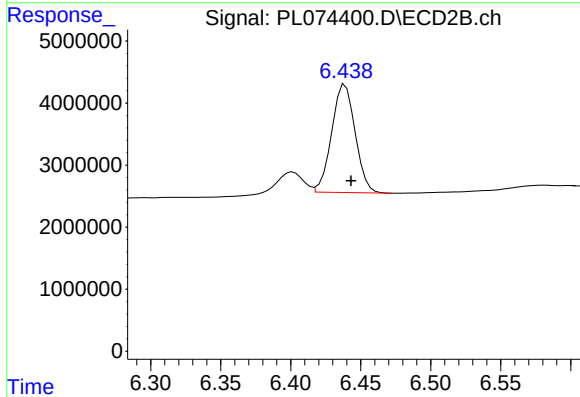
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.007 min
Response: 3781149
Conc: 9.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

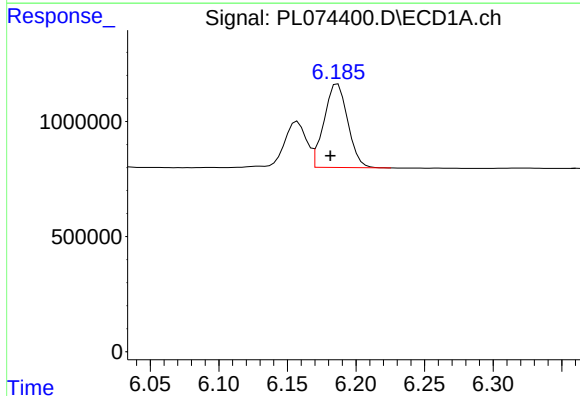
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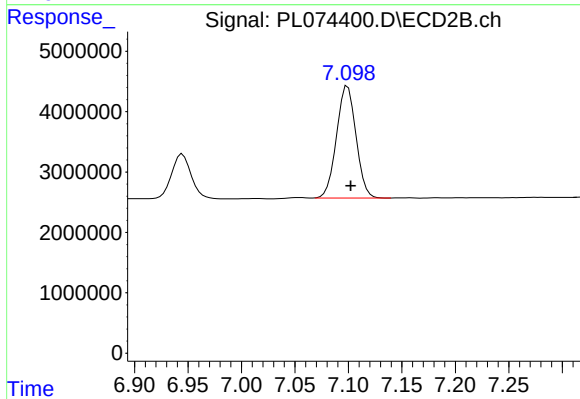
#3 gamma-BHC (Lindane)

R.T.: 6.438 min
Delta R.T.: -0.006 min
Response: 20264875
Conc: 8.56 ng/ml m



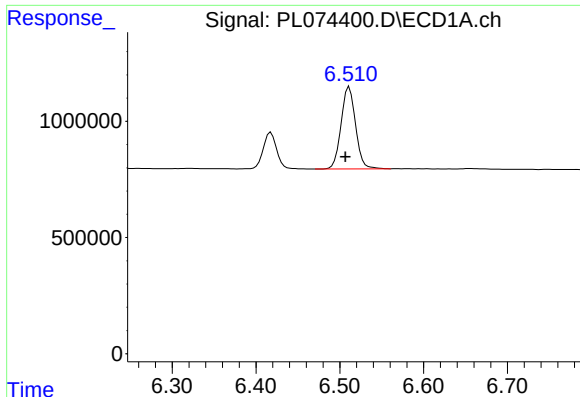
#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: 0.005 min
Response: 4349165
Conc: 9.65 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 23527515
Conc: 9.02 ng/ml



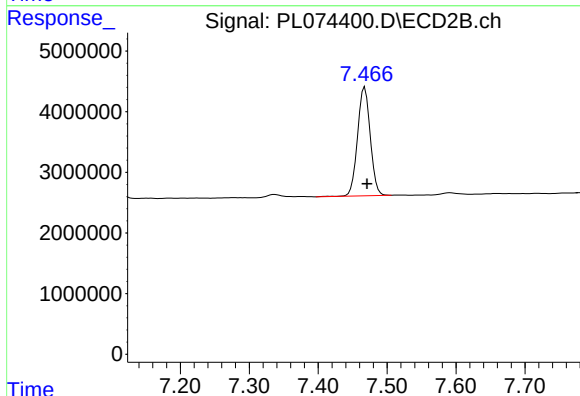
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: 0.005 min
Response: 4241296
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

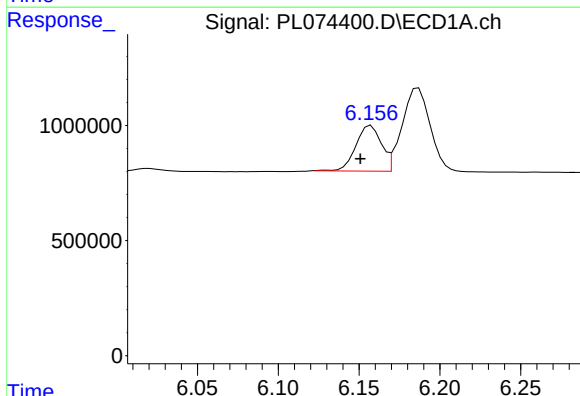
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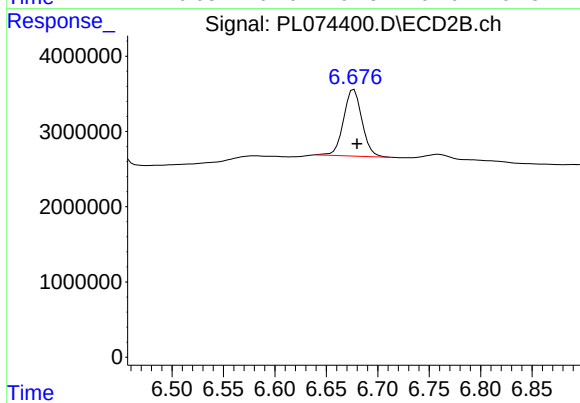
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 22882562
Conc: 9.74 ng/ml



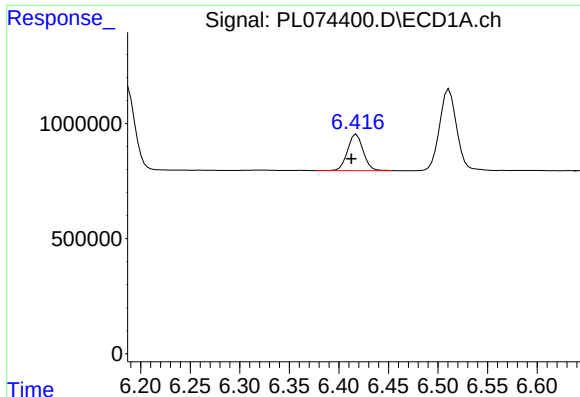
#6 beta-BHC

R.T.: 6.157 min
Delta R.T.: 0.007 min
Response: 2169715
Conc: 10.62 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 11018628
Conc: 9.78 ng/ml



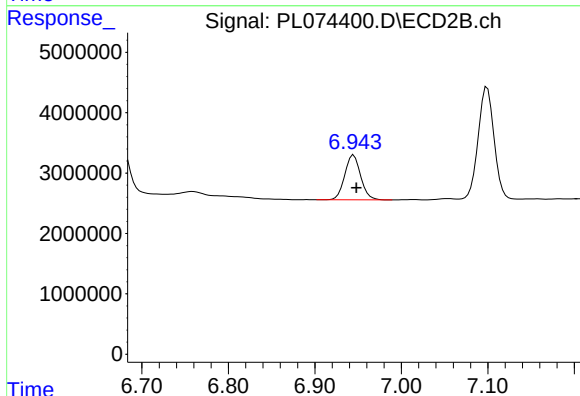
#7 delta-BHC

R.T.: 6.418 min
Delta R.T.: 0.005 min
Response: 1762224
Conc: 4.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

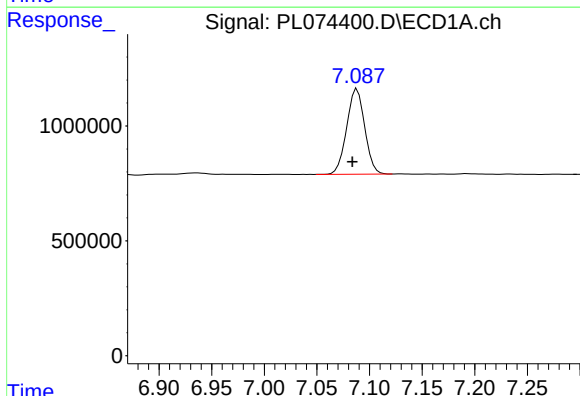
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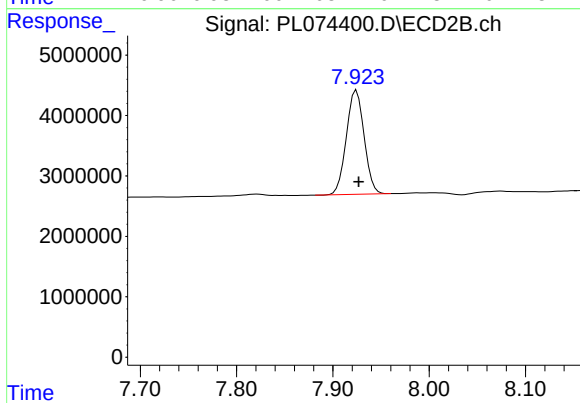
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 9408377
Conc: 3.85 ng/ml



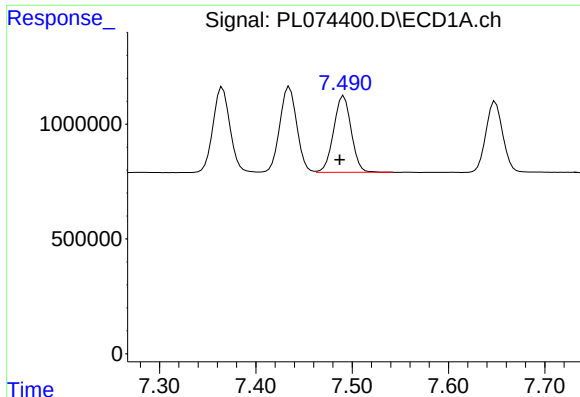
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: 0.004 min
Response: 4439688
Conc: 10.35 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 21948130
Conc: 9.75 ng/ml



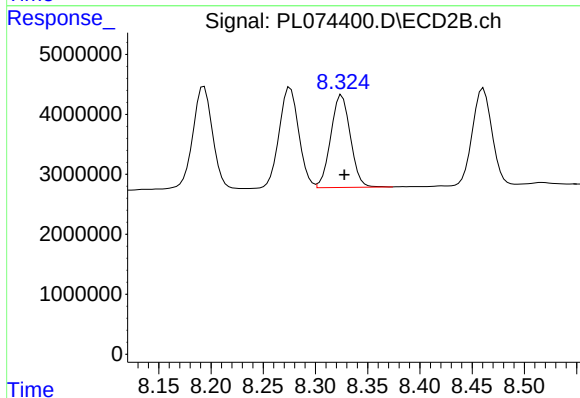
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: 0.004 min
Response: 4228056
Conc: 10.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

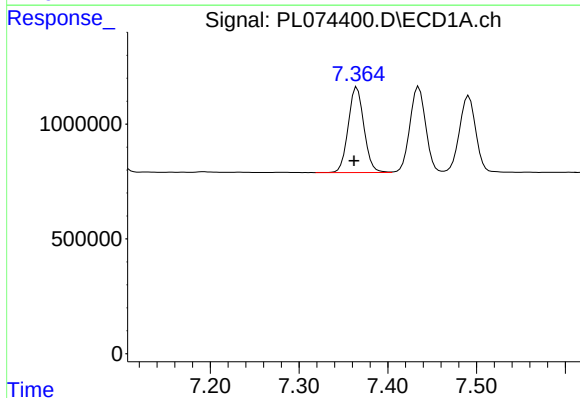
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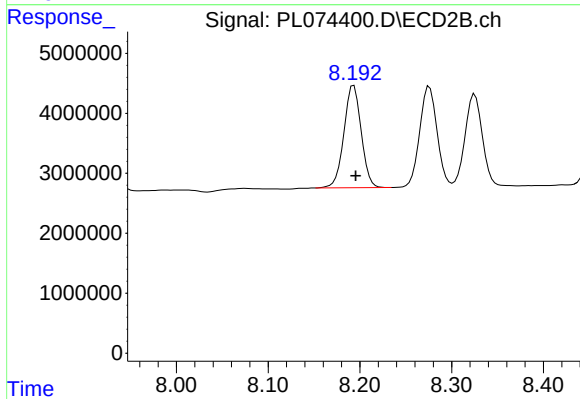
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 20184613
Conc: 10.25 ng/ml



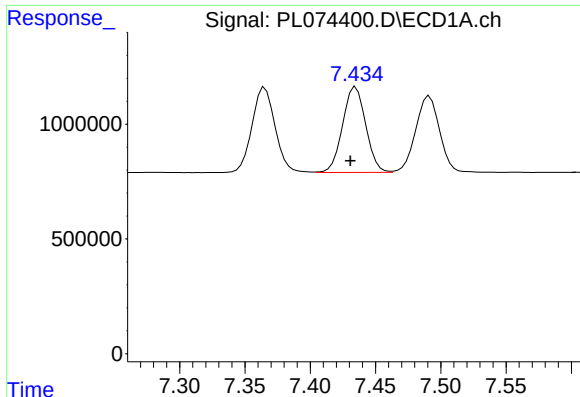
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: 0.003 min
Response: 4564606
Conc: 10.41 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 22282031
Conc: 9.99 ng/ml



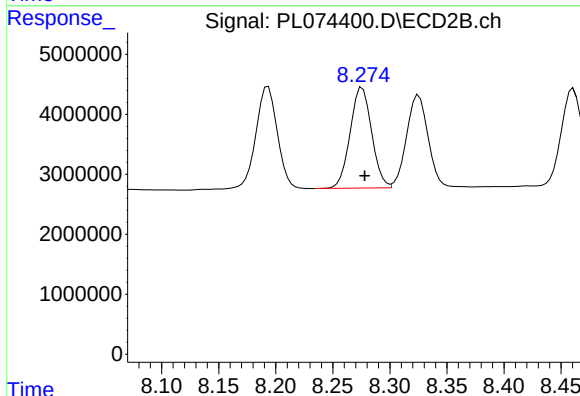
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: 0.004 min
Response: 4597160
Conc: 10.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

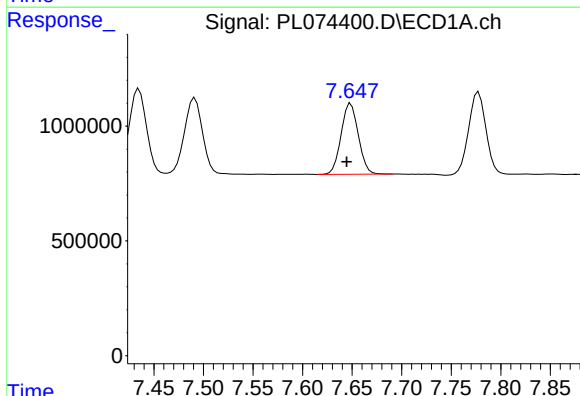
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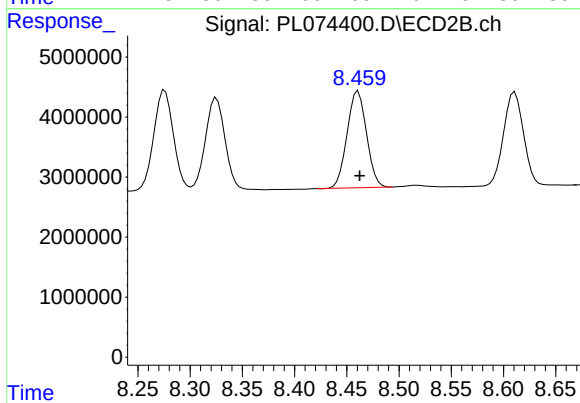
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 22043805
Conc: 10.24 ng/ml



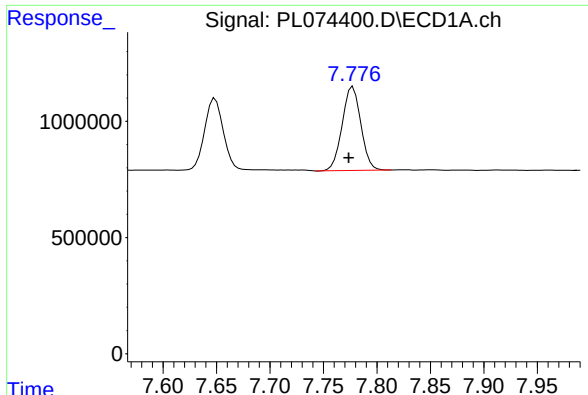
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 3729756
Conc: 10.22 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 20835788
Conc: 10.46 ng/ml



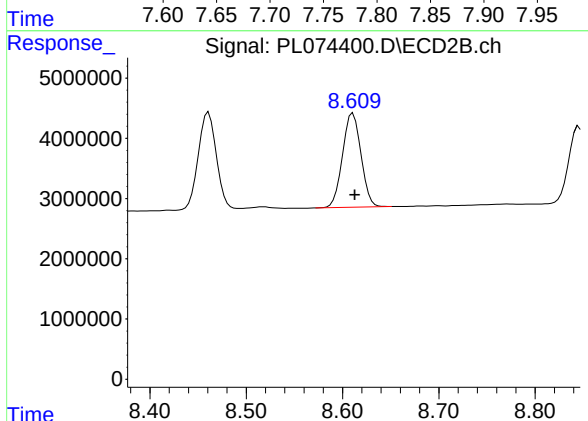
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: 0.004 min
Response: 4375838
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

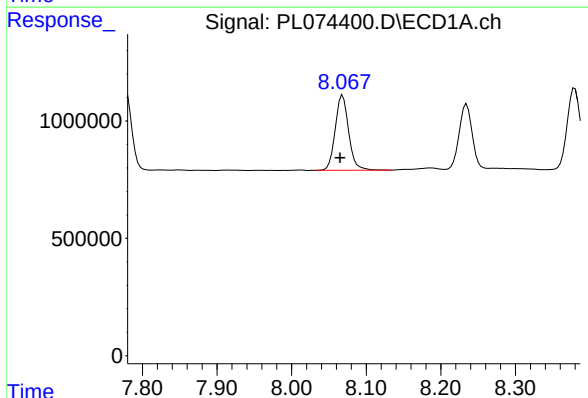
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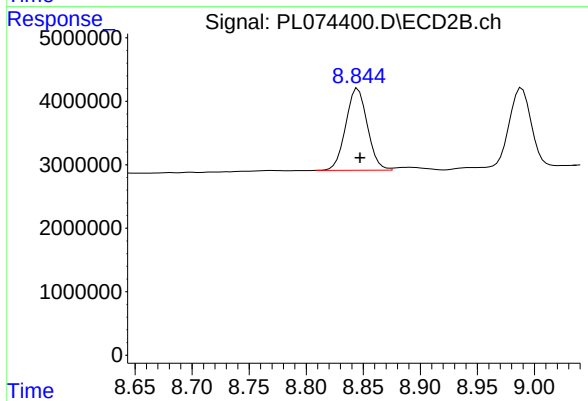
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 20785378
Conc: 10.37 ng/ml



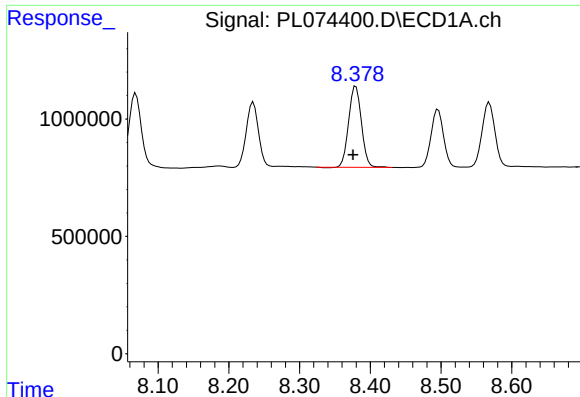
#14 Endrin

R.T.: 8.068 min
Delta R.T.: 0.004 min
Response: 4006322
Conc: 9.86 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 16997234
Conc: 10.04 ng/ml



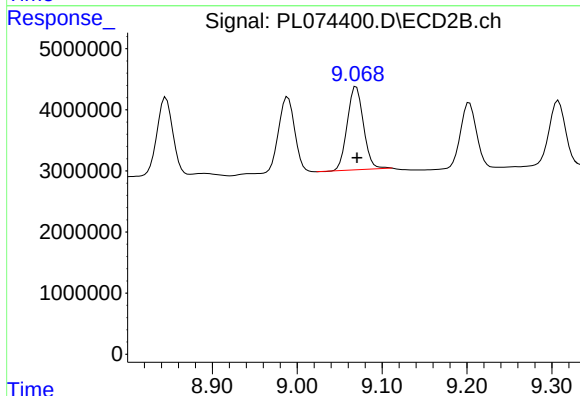
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: 0.004 min
Response: 4345081
Conc: 10.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

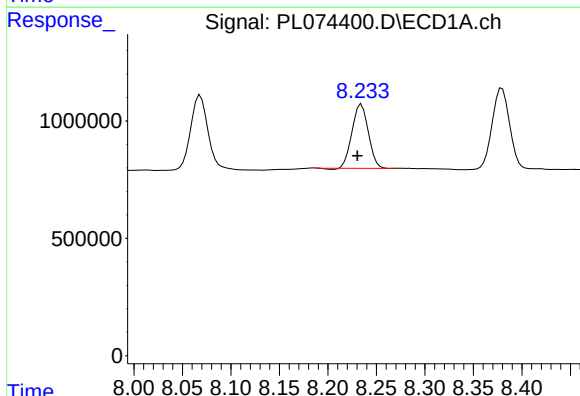
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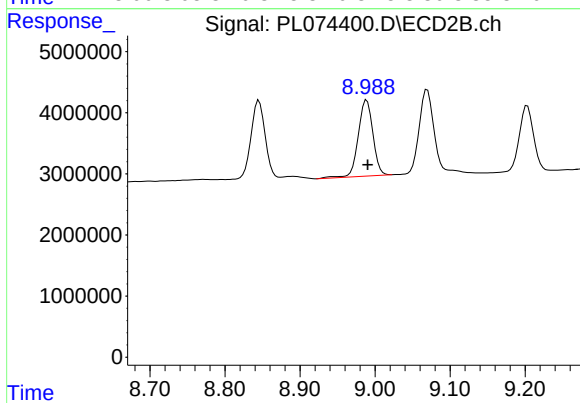
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 18077943
Conc: 10.41 ng/ml



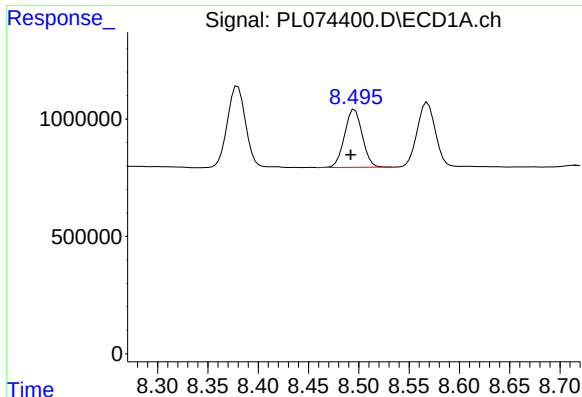
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: 0.004 min
Response: 3179489
Conc: 9.85 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 16943762
Conc: 11.01 ng/ml



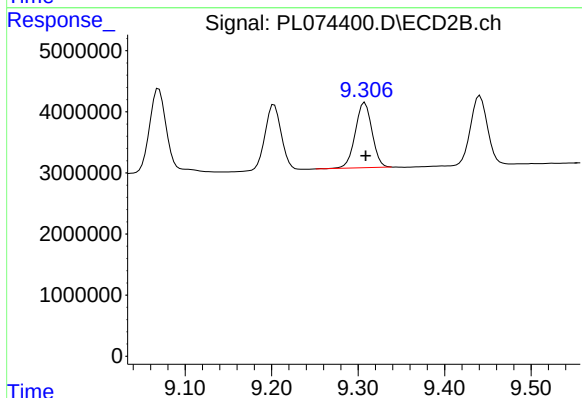
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: 0.004 min
Response: 3026162
Conc: 8.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

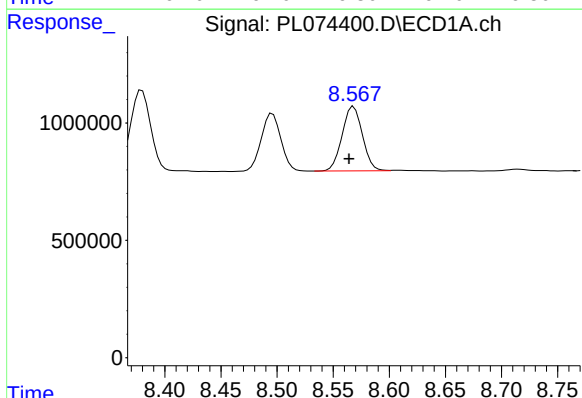
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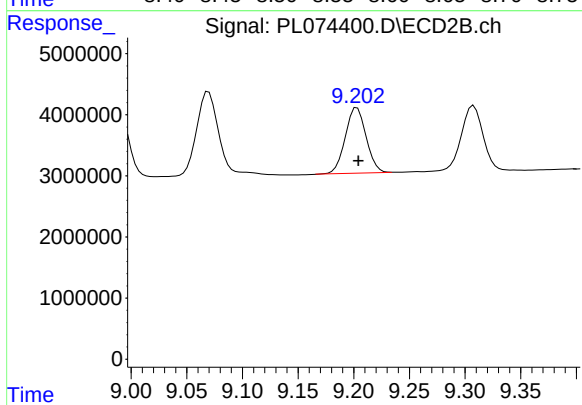
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 14408326
Conc: 8.13 ng/ml



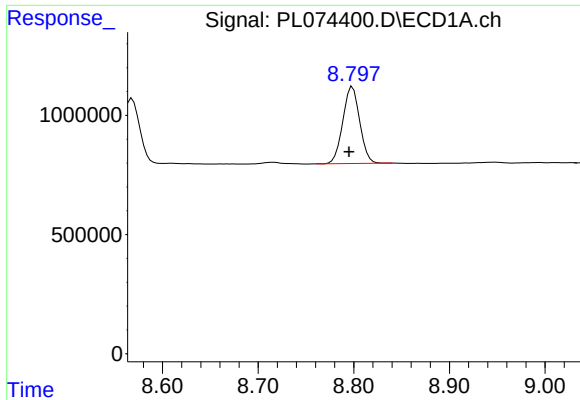
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: 0.004 min
Response: 3457306
Conc: 10.69 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 13983236
Conc: 10.83 ng/ml m



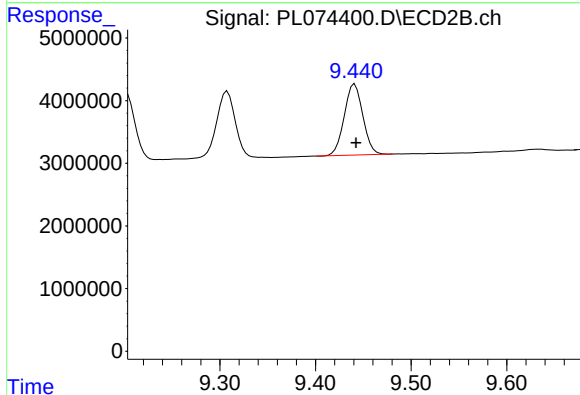
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: 0.004 min
Response: 3964427
Conc: 9.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

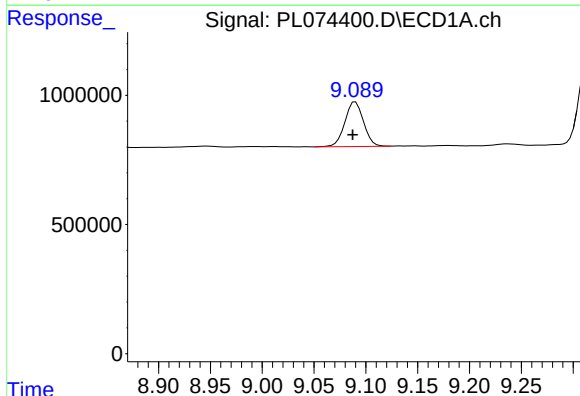
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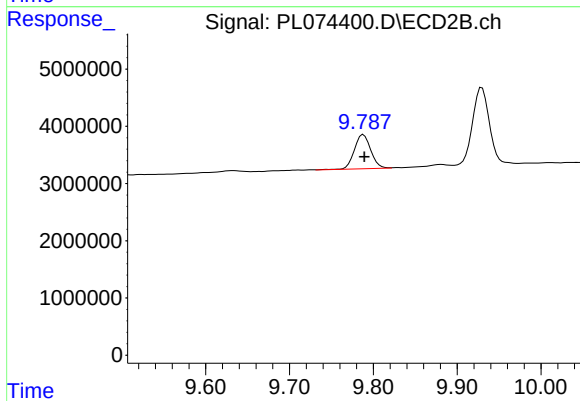
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 15418555
Conc: 9.26 ng/ml



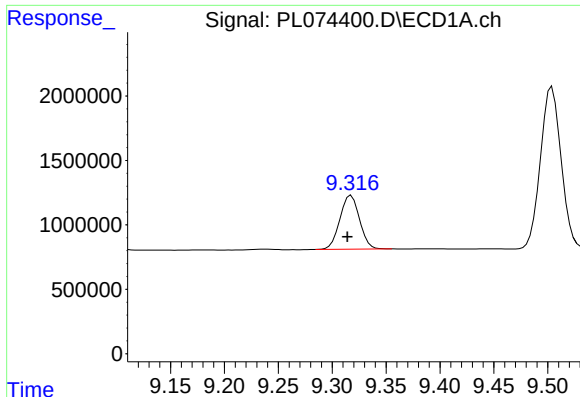
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: 0.003 min
Response: 2172032
Conc: 8.75 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 8123875
Conc: 8.45 ng/ml



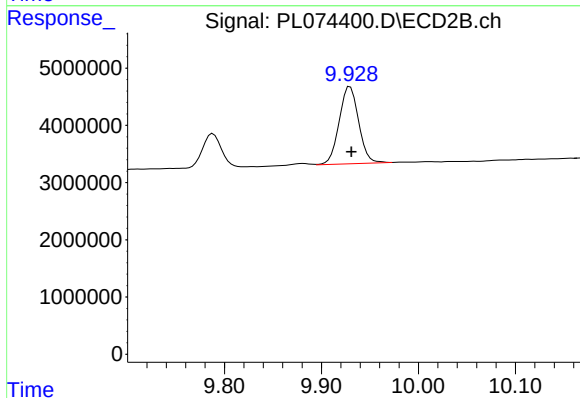
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: 0.003 min
Response: 5282741
Conc: 10.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

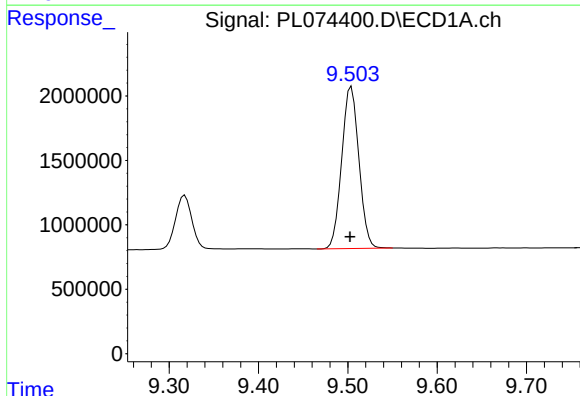
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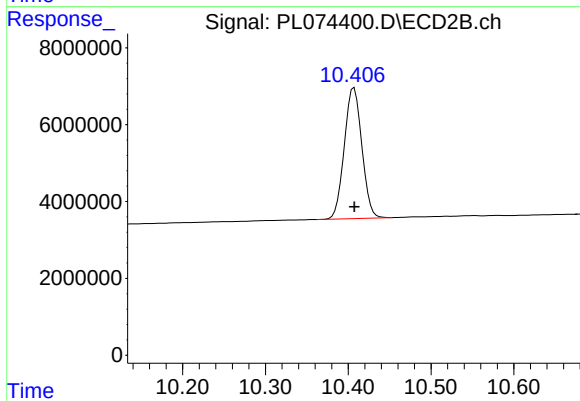
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 18785455
Conc: 10.85 ng/ml



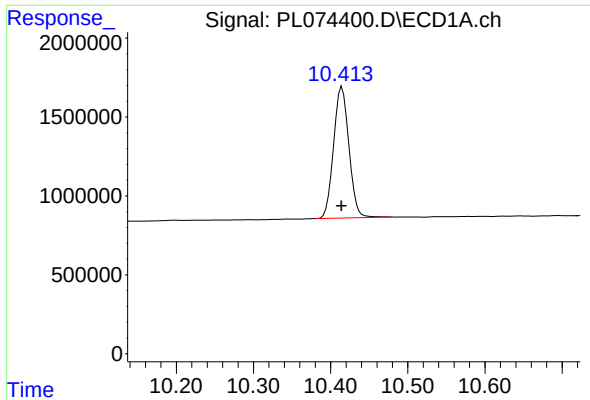
#22 Mirex

R.T.: 9.504 min
Delta R.T.: 0.001 min
Response: 16756278
Conc: 35.93 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.000 min
Response: 50202085
Conc: 36.45 ng/ml



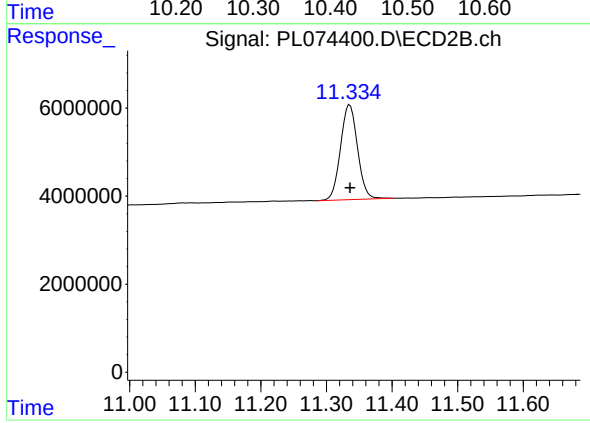
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: 0.000 min
Response: 11535224
Conc: 22.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144394BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/28/2022
Supervised By :mohammad ahmed 04/28/2022



#28 Decachlorobiphenyl

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 38933436
Conc: 22.04 ng/ml