

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031622\
 Data File : PL073408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 09:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 01:53:17 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...	4.645	5.491	14991582	81635286	46.807	49.740
2)	SA Decachlor...	10.419	11.330	22651536	80796856	44.546	45.184
Target Compounds							
2)	A alpha-BHC	5.353	6.054	19334220	116.0E6	46.905	51.552
3)	MA gamma-BHC...	5.776	6.443	19371028	108.8E6	46.438	50.962
4)	MA Heptachlor	6.188	7.102	20883741	118.4E6	46.285	50.546
5)	MB Aldrin	6.513	7.470	19100435	107.1E6	46.229	51.112
6)	B beta-BHC	6.156	6.679	9931186	50320020	48.234	48.274
7)	B delta-BHC	6.418	6.947	19057904	107.6E6	47.449	49.984
8)	B Heptachlo...	7.089	7.925	19742133	99938718	45.808	50.037
9)	A Endosulfan I	7.493	8.326	18913776	91521171	46.107	50.138
10)	B gamma-Chl...	7.367	8.194	19985597	102.0E6	45.702	49.935
11)	B alpha-Chl...	7.437	8.277	20220976	100.2E6	45.756	50.087
12)	B 4,4'-DDE	7.651	8.460	16428142	91363779	45.781	50.974
13)	MA Dieldrin	7.780	8.611	19222948	92954755	46.140	50.389
14)	MA Endrin	8.070	8.846	18508577	77987569	47.702	50.660
15)	B Endosulfa...	8.381	9.069	18008336	75961381	46.072	49.459
16)	A 4,4'-DDD	8.237	8.988	14803386	72437998	45.586	49.625
17)	MA 4,4'-DDT	8.498	9.306	17455708	82321843	46.157	50.364
18)	B Endrin al...	8.570	9.200	14634333	60659650	46.275	49.465m
19)	B Endosulfa...	8.801	9.439	19495738	77468861	46.152	49.153
20)	A Methoxychlor	9.094	9.786	11613109	42551268	45.269	47.223
21)	B Endrin ke...	9.320	9.927	22878697	78313942	46.765	47.446
22)	Mirex	9.508	10.404	21193068	63937554	44.942	47.066

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

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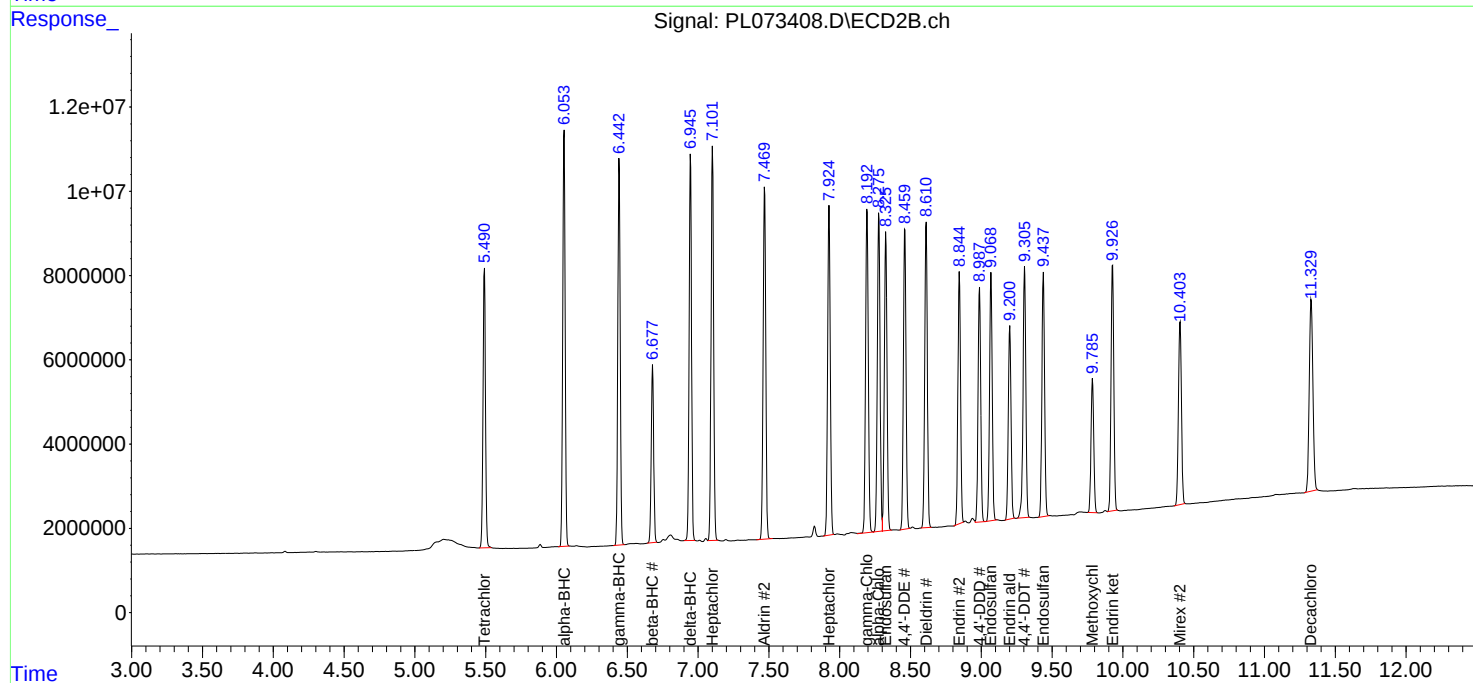
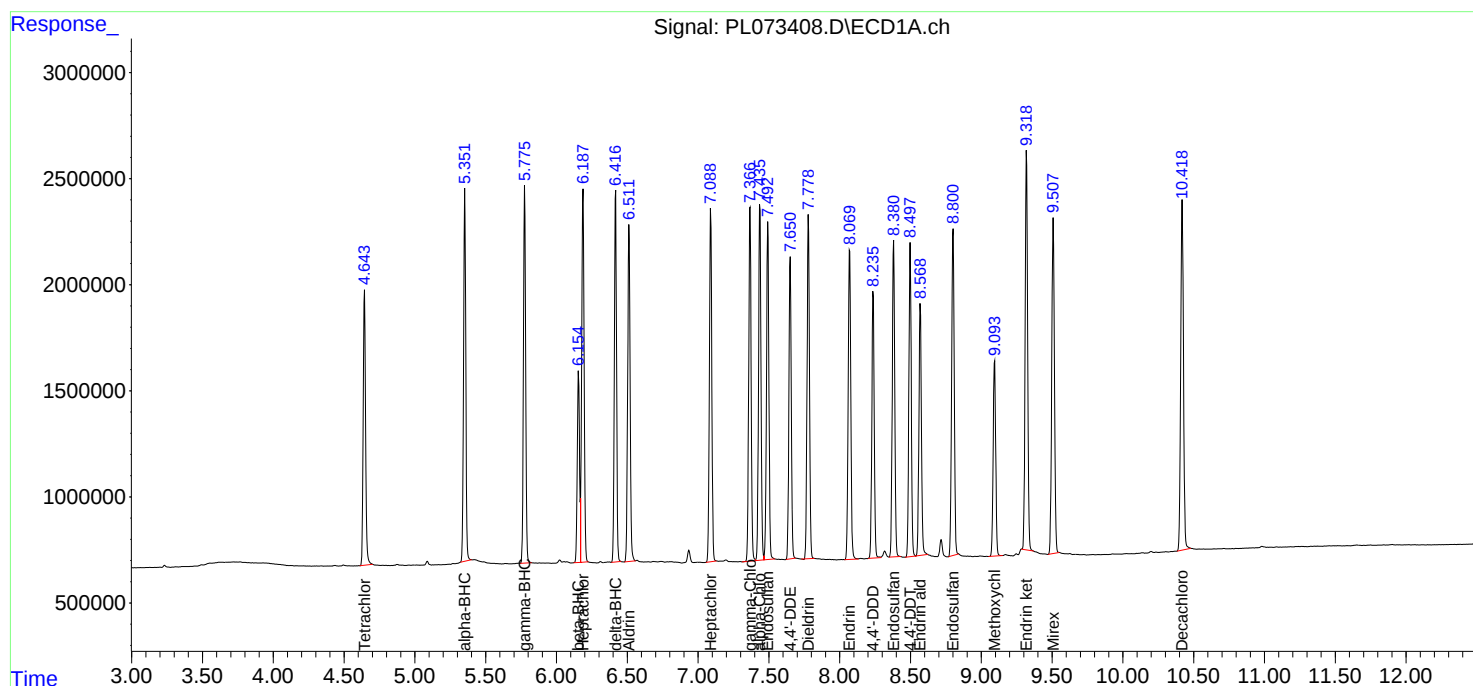
Manual Integrations

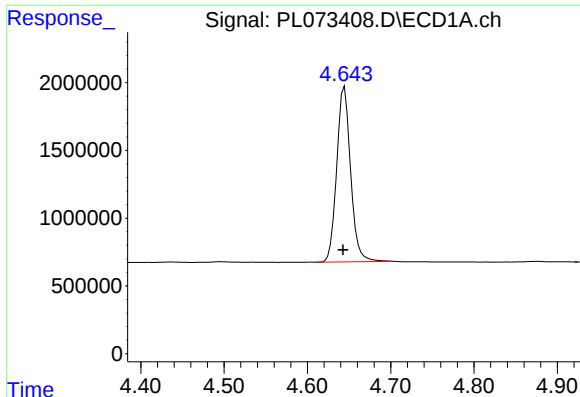
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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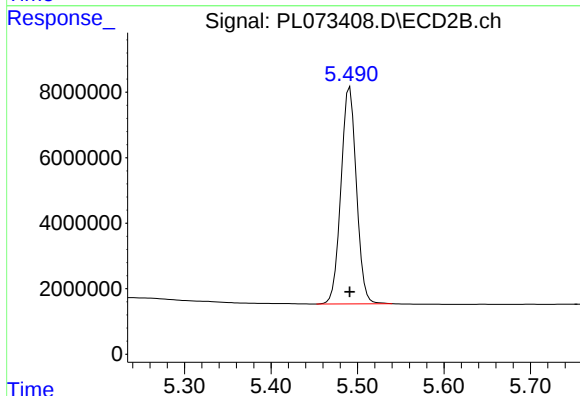
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.002 min
Response: 14991582
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

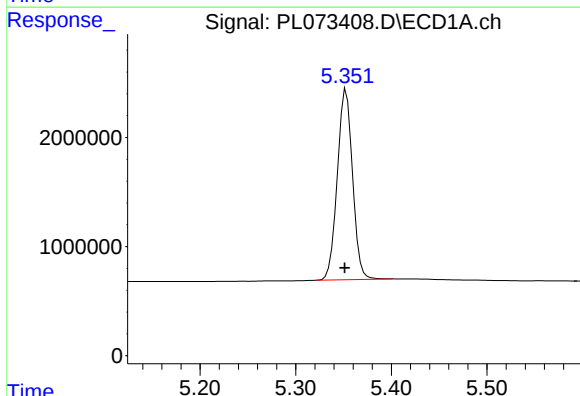
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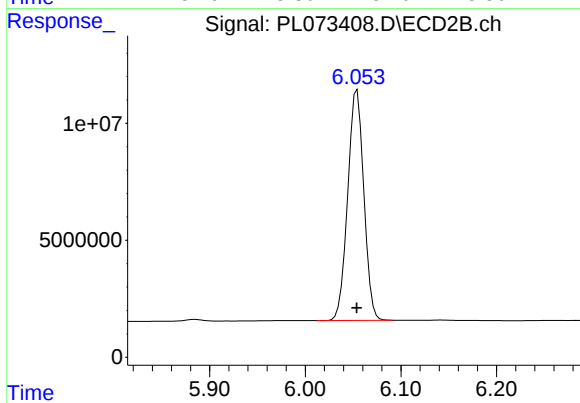
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 81635286
Conc: 49.74 ng/ml



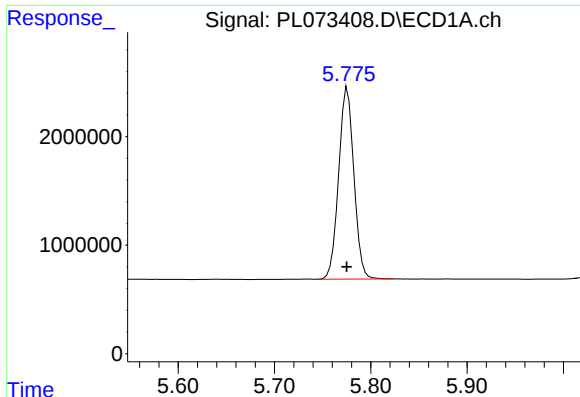
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.001 min
Response: 19334220
Conc: 46.90 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 115974914
Conc: 51.55 ng/ml



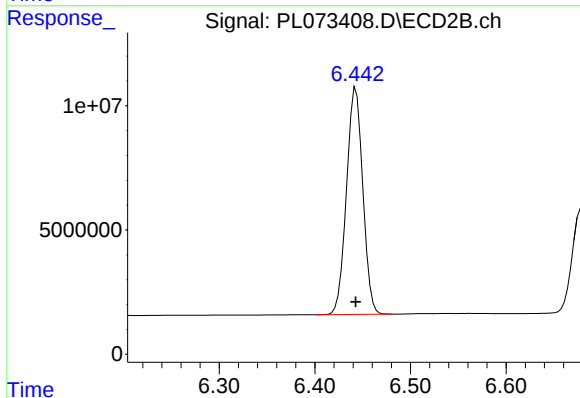
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 19371028
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

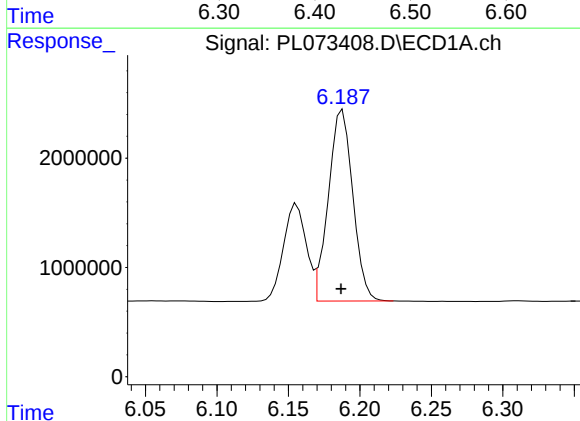
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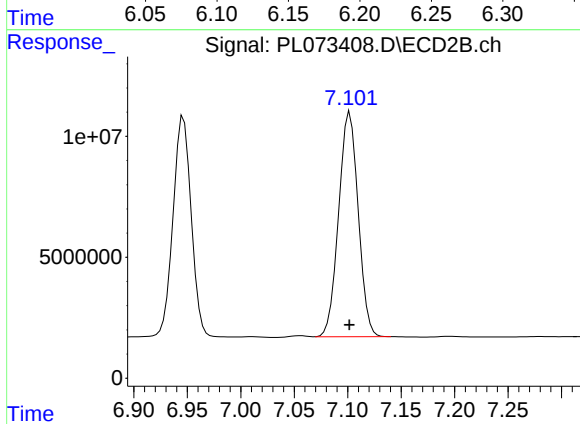
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 108807033
Conc: 50.96 ng/ml



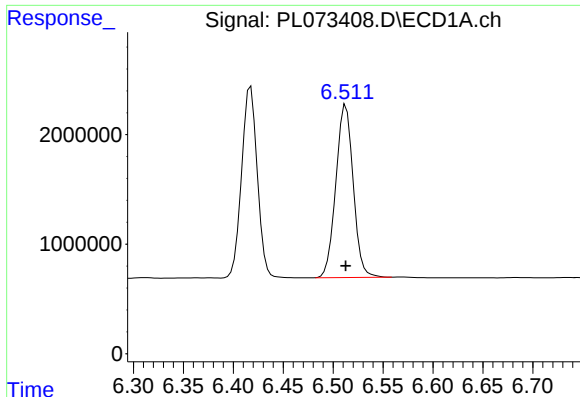
#4 Heptachlor

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 20883741
Conc: 46.28 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 118433190
Conc: 50.55 ng/ml



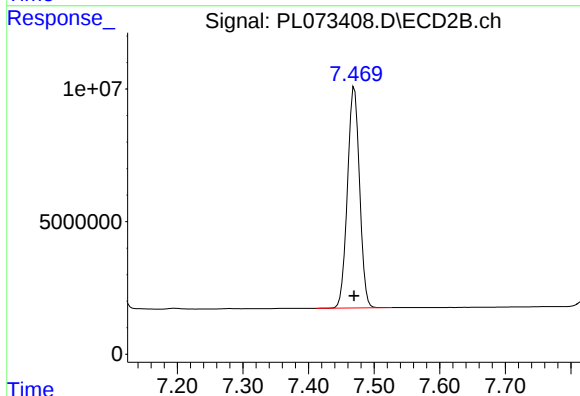
#5 Aldrin

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 19100435
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

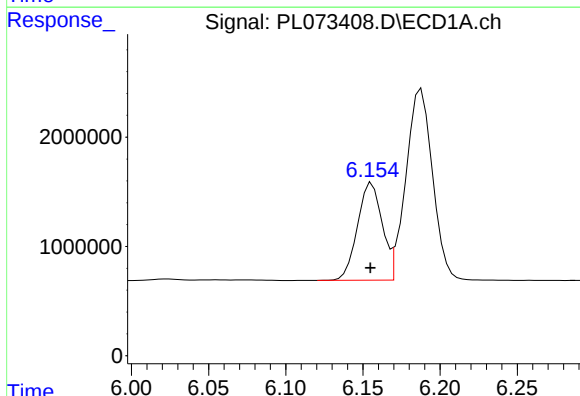
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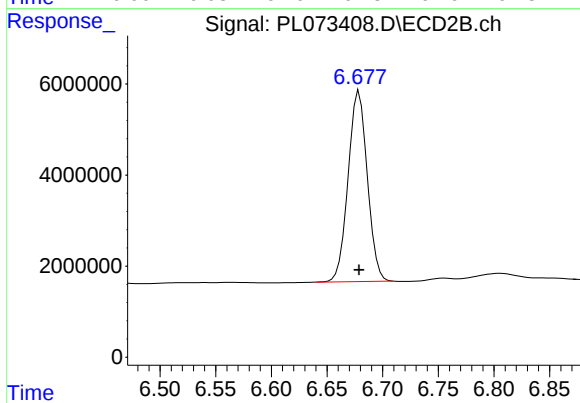
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 107078208
Conc: 51.11 ng/ml



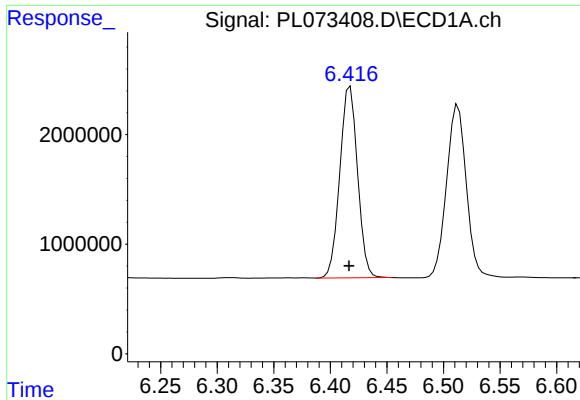
#6 beta-BHC

R.T.: 6.156 min
Delta R.T.: 0.001 min
Response: 9931186
Conc: 48.23 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 50320020
Conc: 48.27 ng/ml



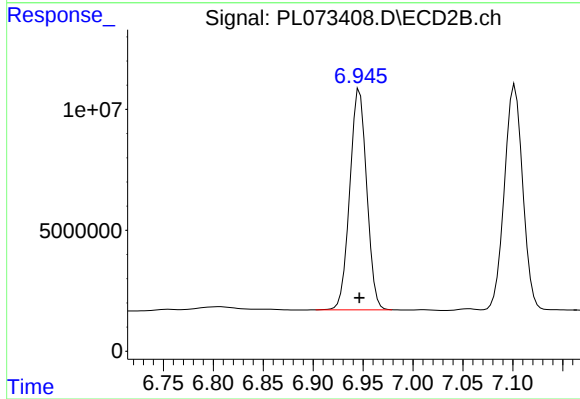
#7 delta-BHC

R.T.: 6.418 min
Delta R.T.: 0.001 min
Response: 19057904
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

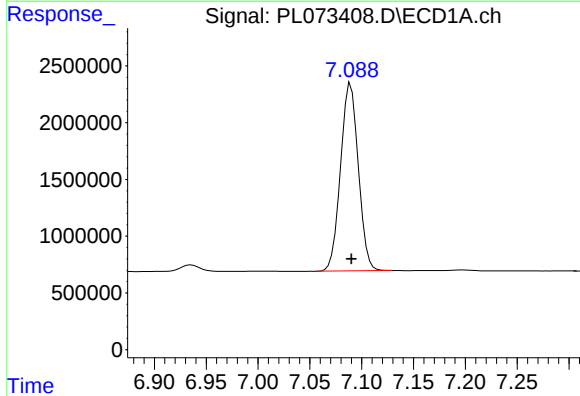
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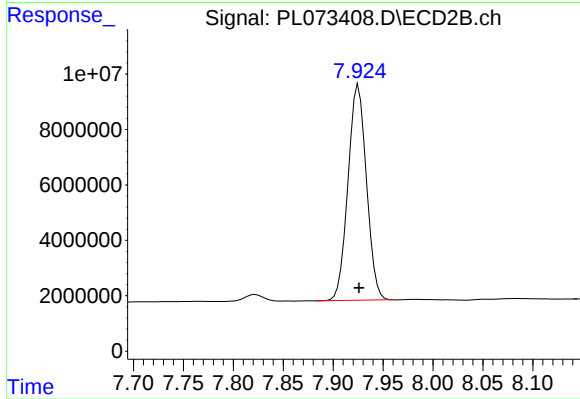
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 107643027
Conc: 49.98 ng/ml



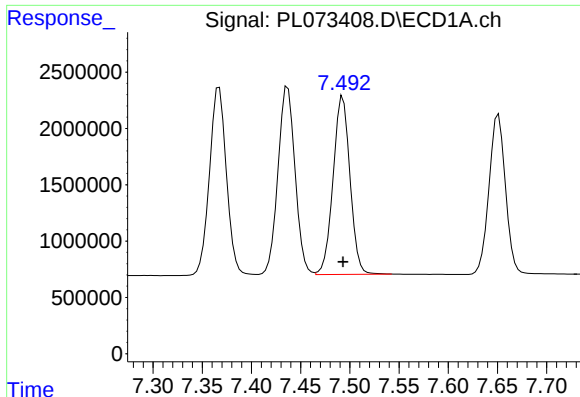
#8 Heptachlor epoxide

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 19742133
Conc: 45.81 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 99938718
Conc: 50.04 ng/ml



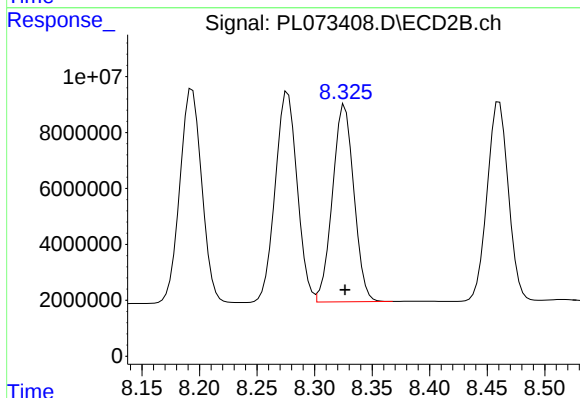
#9 Endosulfan I

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 18913776
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

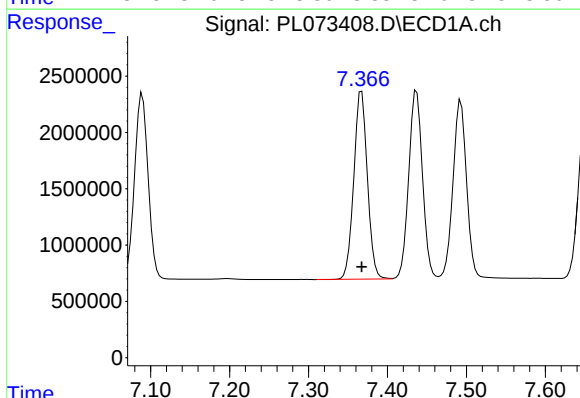
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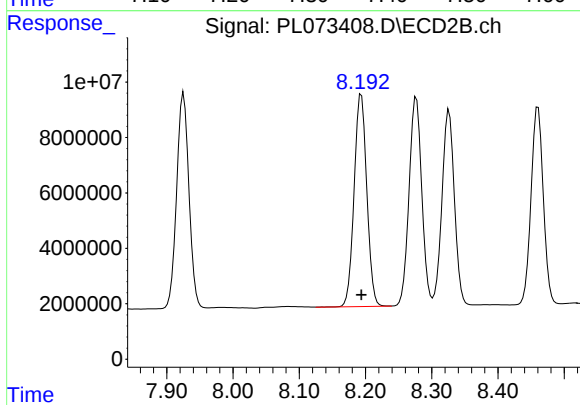
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 91521171
Conc: 50.14 ng/ml



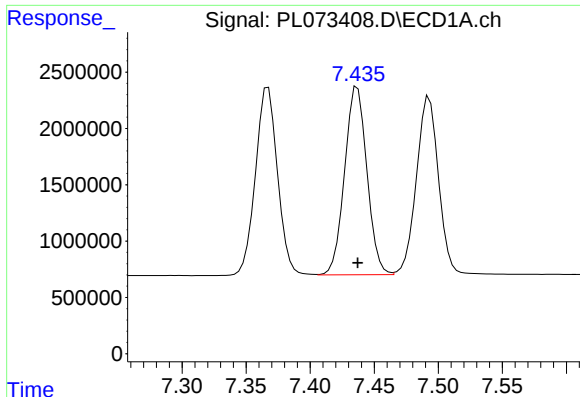
#10 gamma-Chlordane

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 19985597
Conc: 45.70 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 101987623
Conc: 49.93 ng/ml



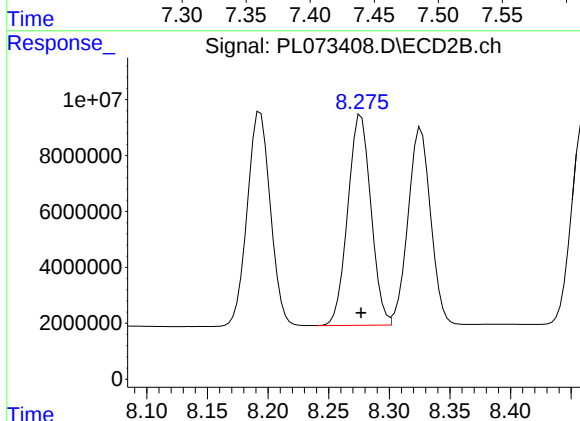
#11 alpha-Chlordane

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 20220976
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

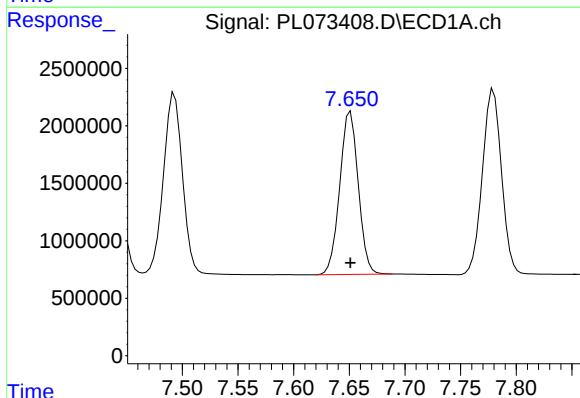
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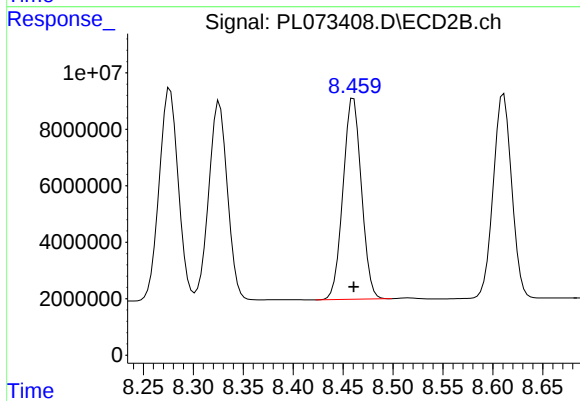
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 100174549
Conc: 50.09 ng/ml



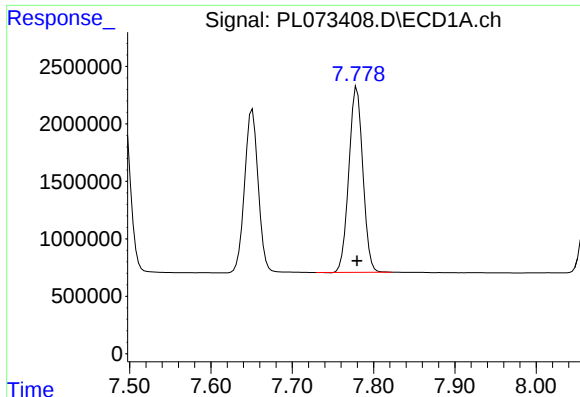
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 16428142
Conc: 45.78 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 91363779
Conc: 50.97 ng/ml



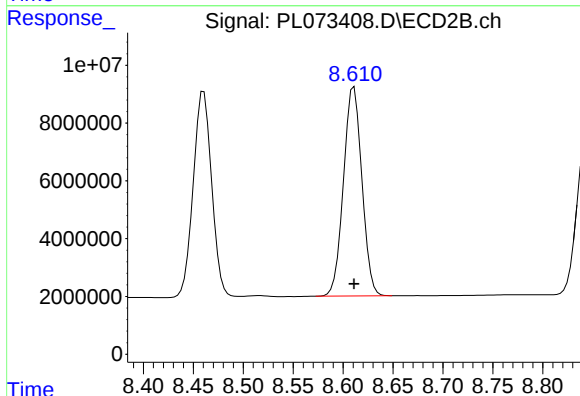
#13 Dieldrin

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 19222948
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

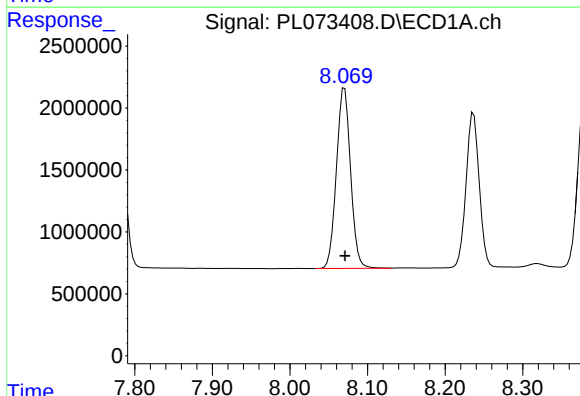
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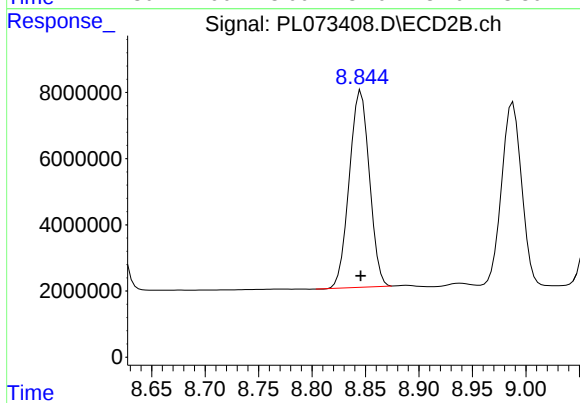
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 92954755
Conc: 50.39 ng/ml



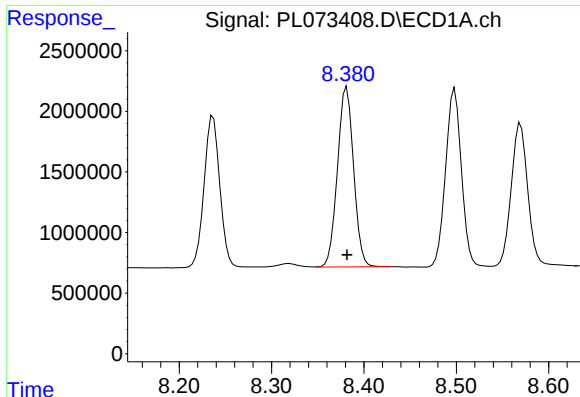
#14 Endrin

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 18508577
Conc: 47.70 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 77987569
Conc: 50.66 ng/ml



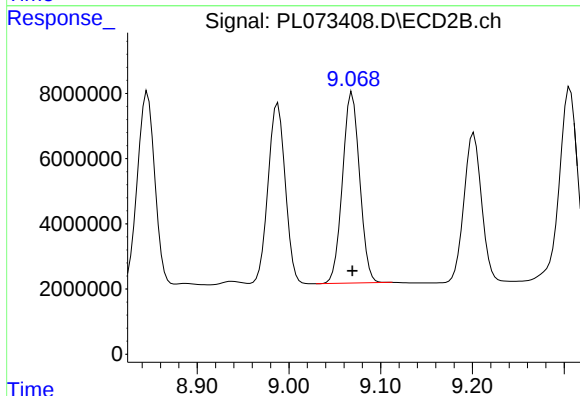
#15 Endosulfan II

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 18008336
Conc: 46.07 ng/ml

Instrument :
ECD_L
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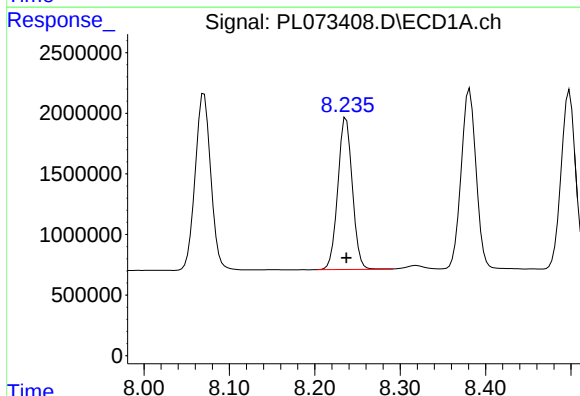
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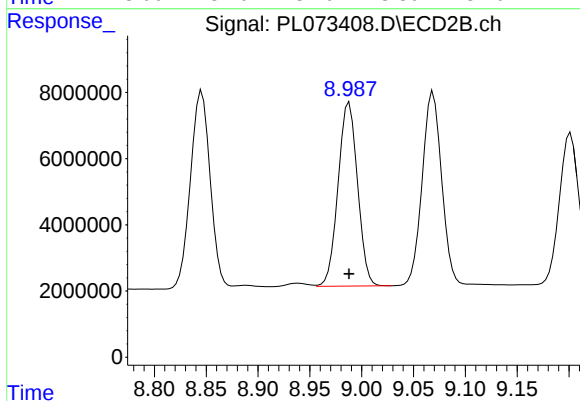
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 75961381
Conc: 49.46 ng/ml



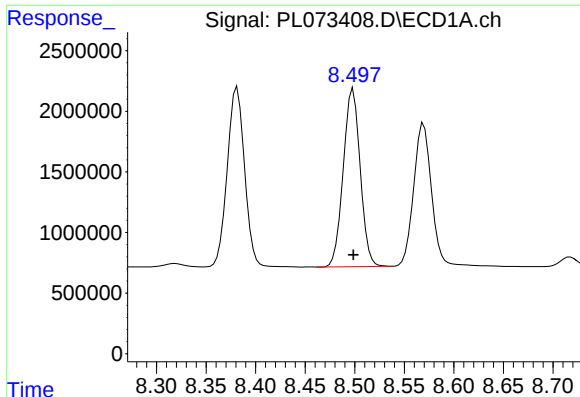
#16 4,4'-DDD

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 14803386
Conc: 45.59 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 72437998
Conc: 49.62 ng/ml



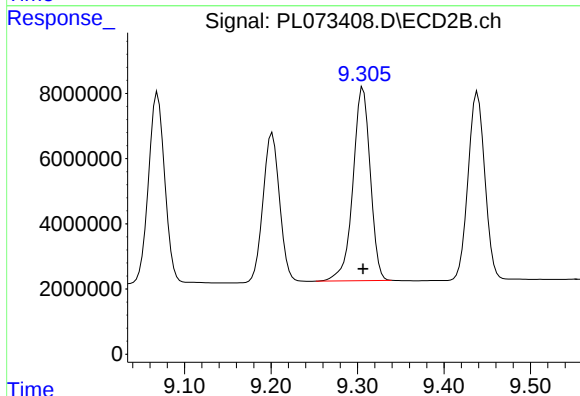
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 17455708
Conc: 46.16 ng/ml

Instrument :
ECD_L
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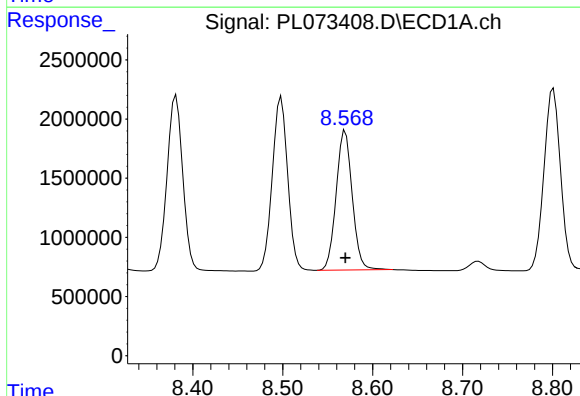
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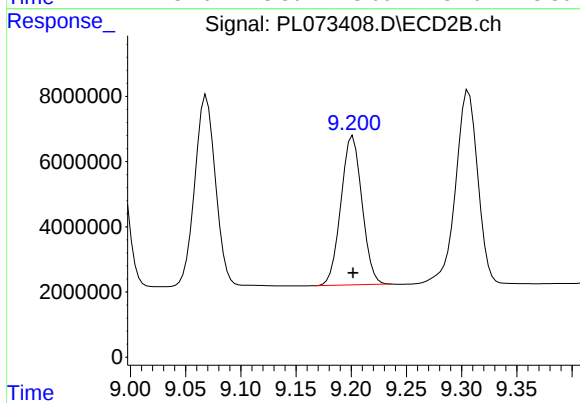
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.000 min
Response: 82321843
Conc: 50.36 ng/ml



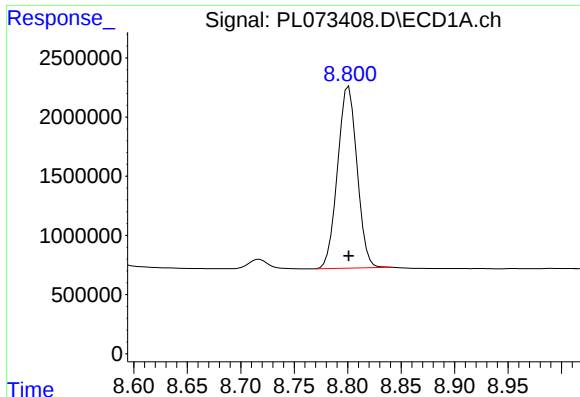
#18 Endrin aldehyde

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 14634333
Conc: 46.27 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.001 min
Response: 60659650
Conc: 49.47 ng/ml m



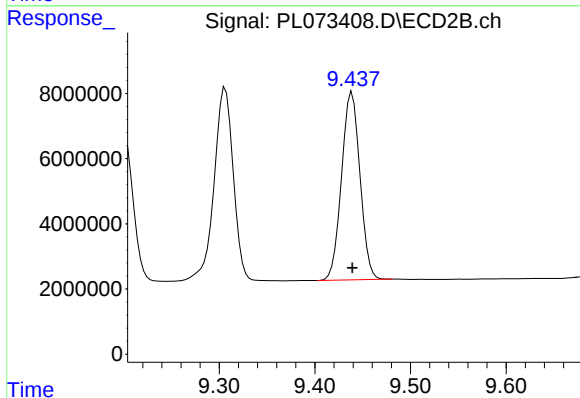
#19 Endosulfan Sulfate

R.T.: 8.801 min
Delta R.T.: 0.000 min
Response: 19495738
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

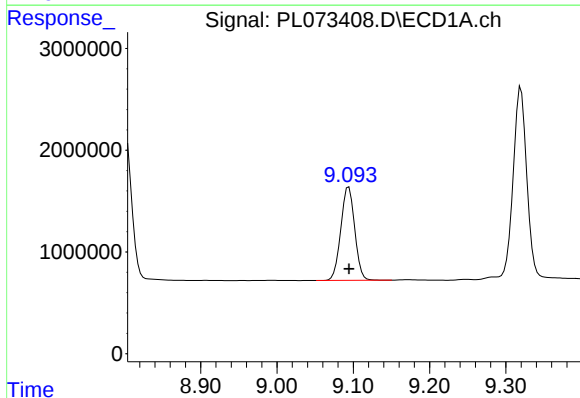
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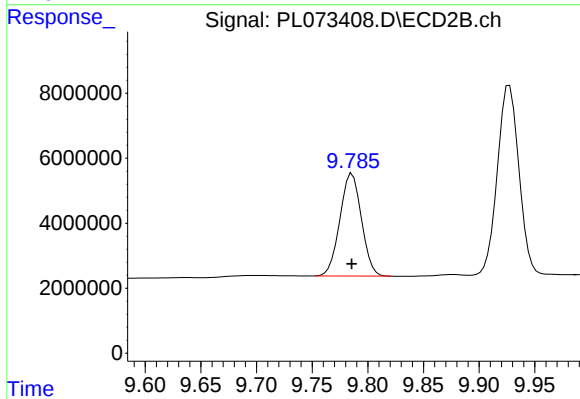
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 77468861
Conc: 49.15 ng/ml



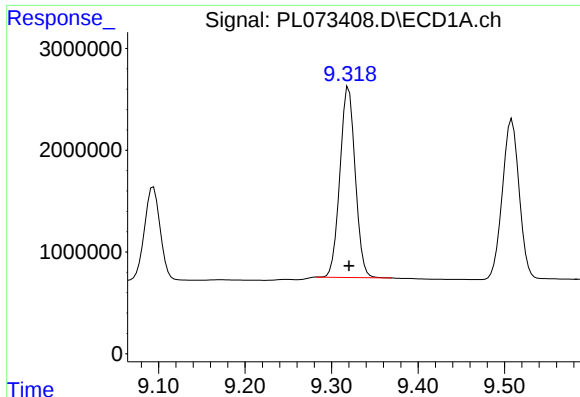
#20 Methoxychlor

R.T.: 9.094 min
Delta R.T.: 0.000 min
Response: 11613109
Conc: 45.27 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 42551268
Conc: 47.22 ng/ml



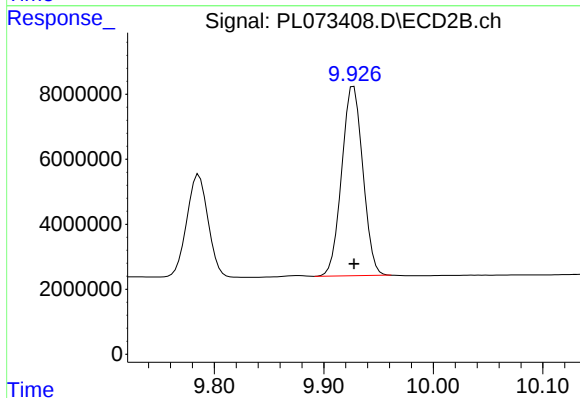
#21 Endrin ketone

R.T.: 9.320 min
Delta R.T.: 0.000 min
Response: 22878697
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

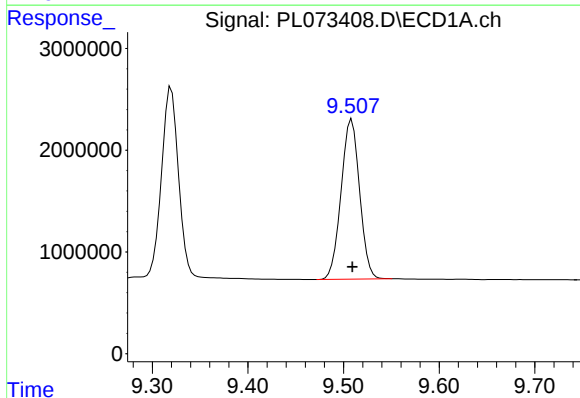
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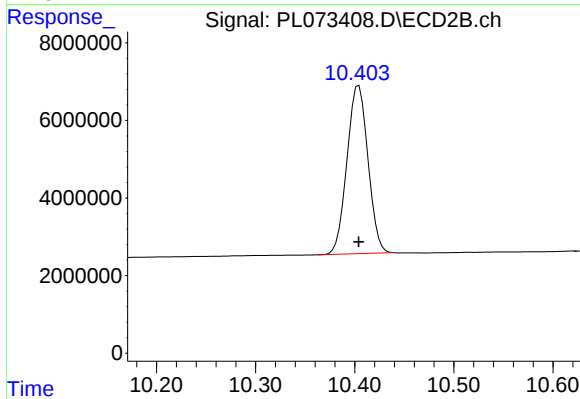
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 78313942
Conc: 47.45 ng/ml



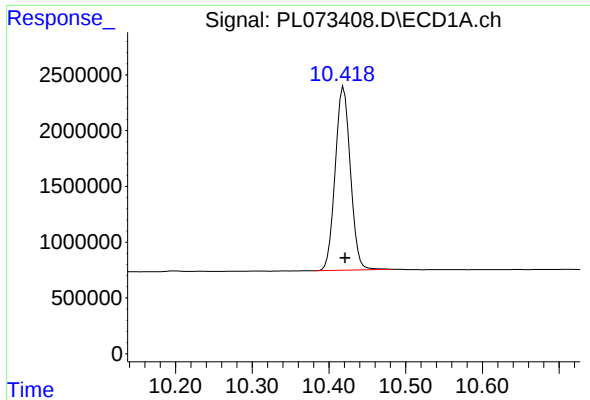
#22 Mirex

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 21193068
Conc: 44.94 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 63937554
Conc: 47.07 ng/ml



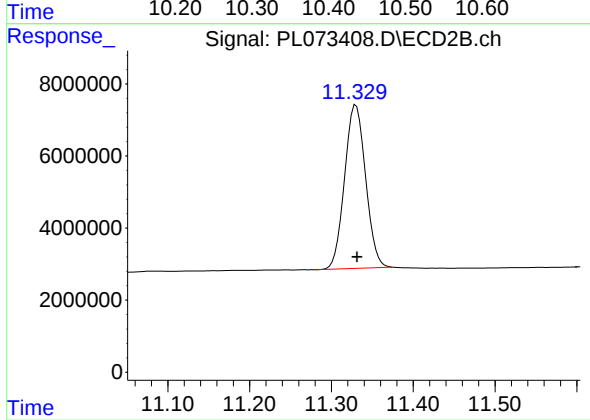
#28 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.002 min
Response: 22651536
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/17/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.001 min
Response: 80796856
Conc: 45.18 ng/ml