

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
 Data File : PL073753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 10:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/01/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 01:42:26 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...	4.641	5.491	16033893	92748838	50.061	56.511
28)	SA Decachlor...	10.416	11.334	24091374	82597007	47.378	46.191
Target Compounds							
2)	A alpha-BHC	5.349	6.054	20834734	133.7E6	50.545	59.442
3)	MA gamma-BHC...	5.773	6.444	21213579	124.1E6	50.855	58.109
4)	MA Heptachlor	6.184	7.103	21805638	132.5E6	48.328	56.545
5)	MB Aldrin	6.510	7.471	20021842	120.2E6	48.459	57.358
6)	B beta-BHC	6.153	6.680	10335915	56272821	50.200	53.985
7)	B delta-BHC	6.415	6.947	20562626	123.8E6	51.196	57.506
8)	B Heptachlo...	7.086	7.927	20652222	111.3E6	47.919	55.703
9)	A Endosulfan I	7.489	8.327	19757503	99706330	48.163	54.622
10)	B gamma-Chl...	7.364	8.195	21131519	113.8E6	48.322	55.725
11)	B alpha-Chl...	7.434	8.278	21296723	109.4E6	48.190	54.711
12)	B 4,4'-DDE	7.648	8.462	17631178	100.8E6	49.134	56.257
13)	MA Dieldrin	7.775	8.612	20237254	102.0E6	48.574m	55.282
14)	MA Endrin	8.068	8.847	19595533	83613839	50.503	54.315
15)	B Endosulfa...	8.378	9.071	18808724	79499685	48.119	51.763
16)	A 4,4'-DDD	8.233	8.990	15781082	81107793	48.596	55.564
17)	MA 4,4'-DDT	8.495	9.308	18346830	87001057	48.513	53.227
18)	B Endrin al...	8.567	9.202	15276376	62819219	48.305	51.226m
19)	B Endosulfa...	8.797	9.441	20077854	80394578	47.530	51.010
20)	A Methoxychlor	9.090	9.787	11859781	44712862	46.231	49.622
21)	B Endrin ke...	9.317	9.929	23579389	84222086	48.198	51.025

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
 Data File : PL073753.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 10:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

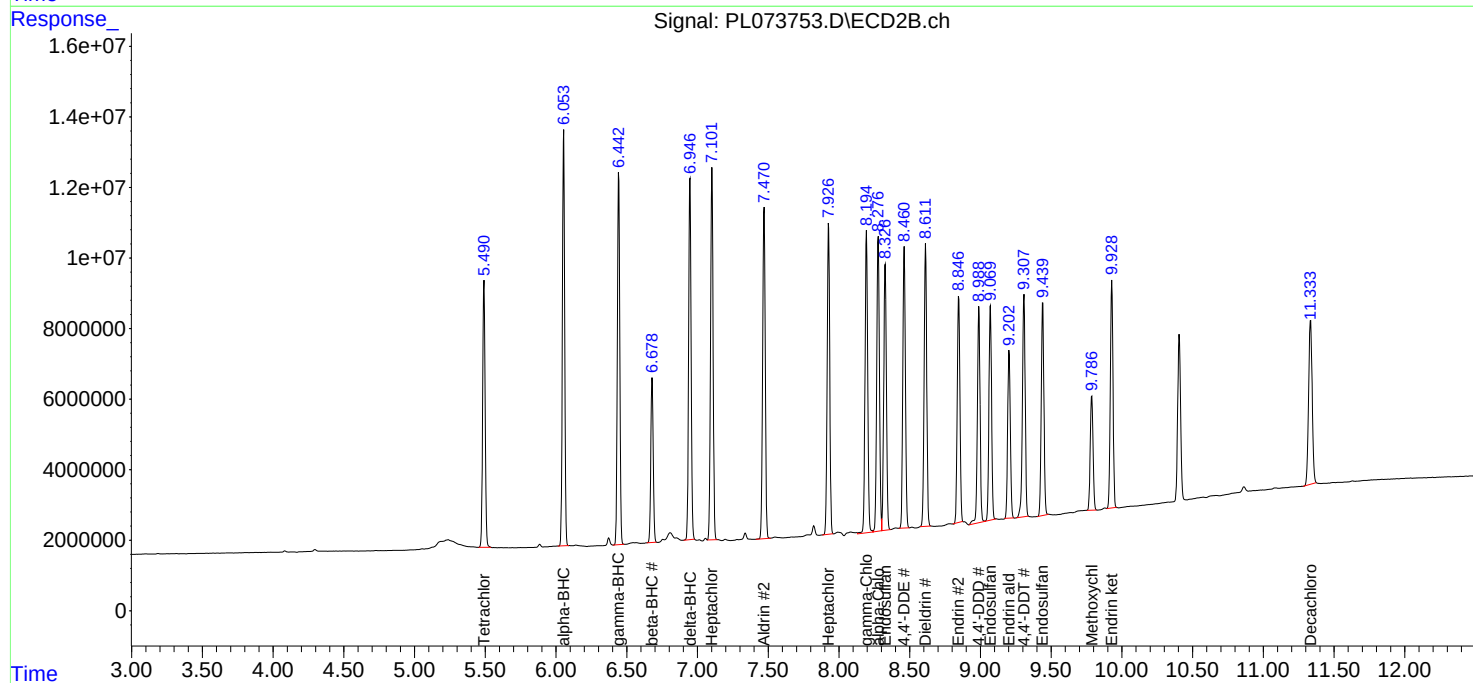
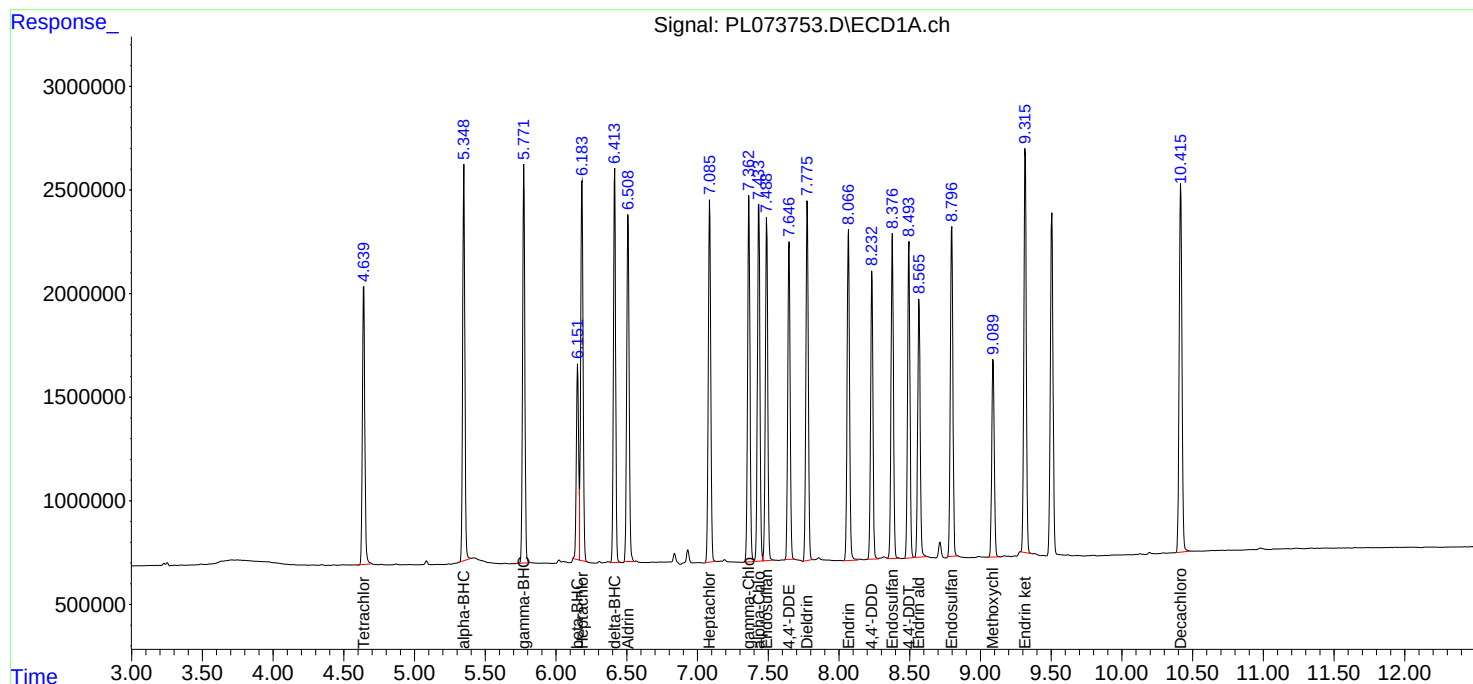
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

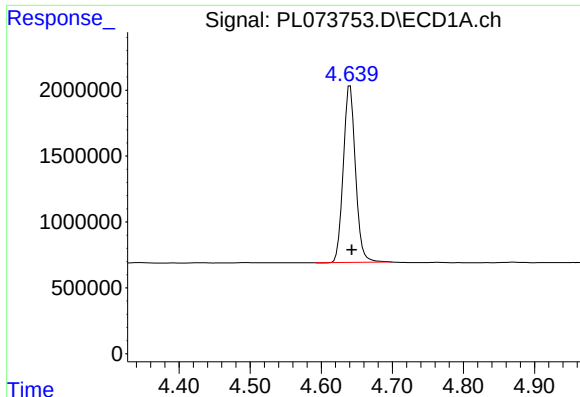
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/01/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 01:42:26 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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 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





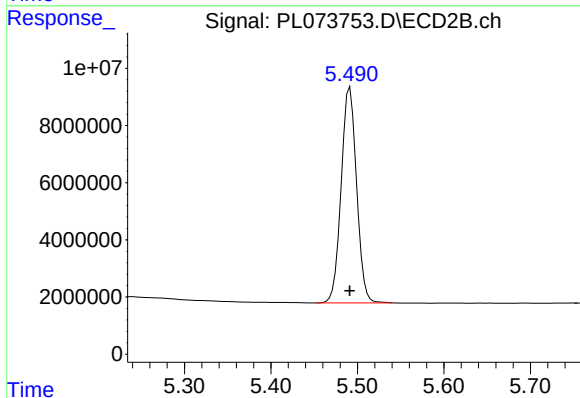
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 16033893
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

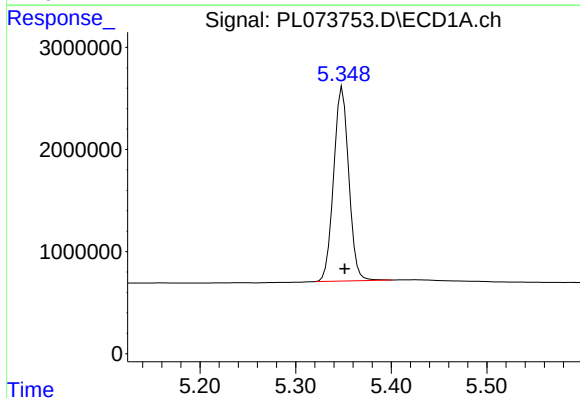
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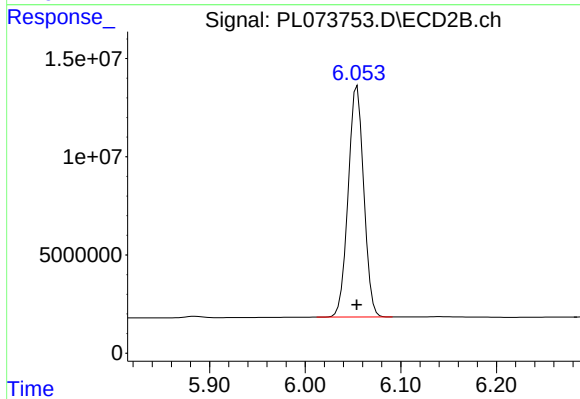
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 92748838
Conc: 56.51 ng/ml



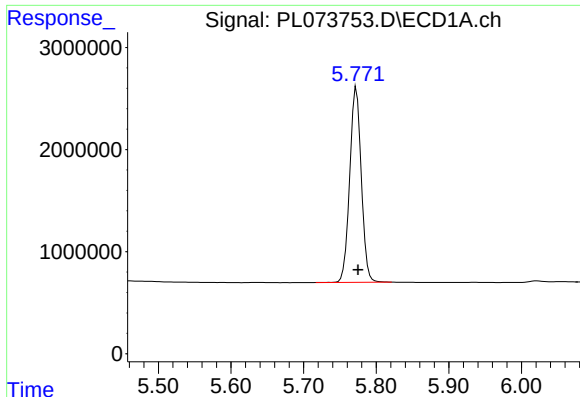
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 20834734
Conc: 50.54 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 133723390
Conc: 59.44 ng/ml



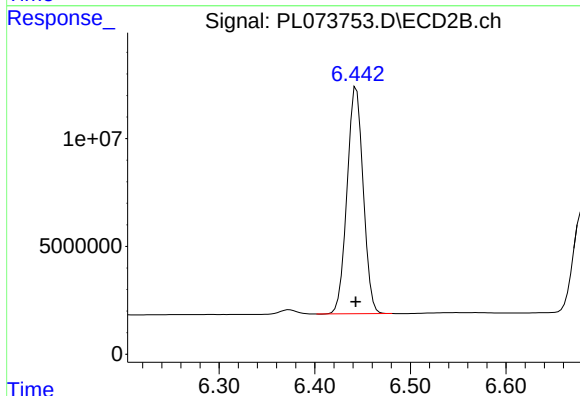
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 21213579
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

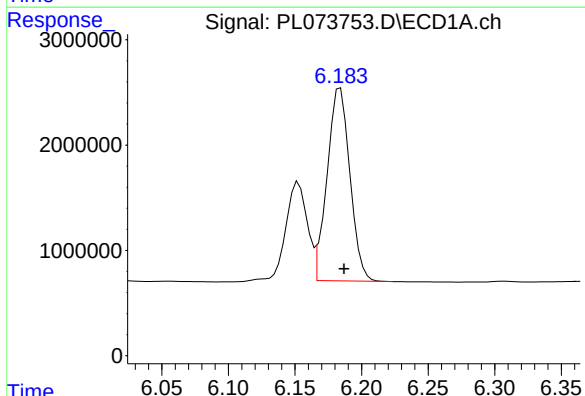
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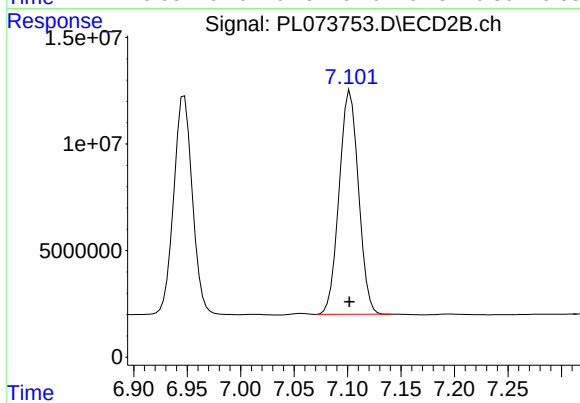
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 124066540
Conc: 58.11 ng/ml



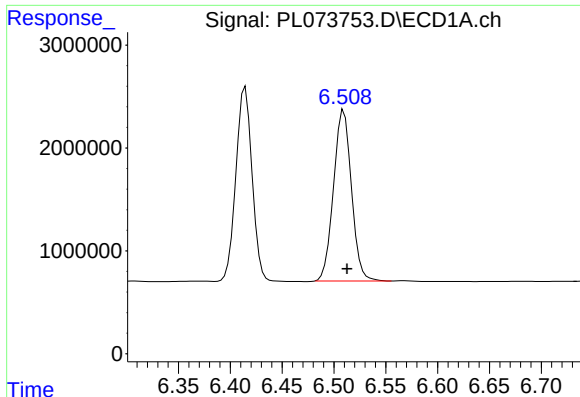
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 21805638
Conc: 48.33 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 132490186
Conc: 56.55 ng/ml



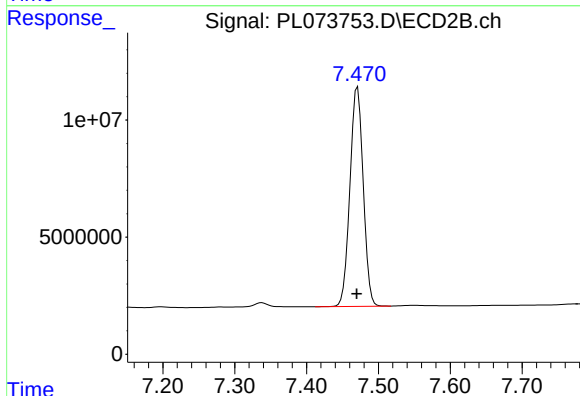
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 20021842
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

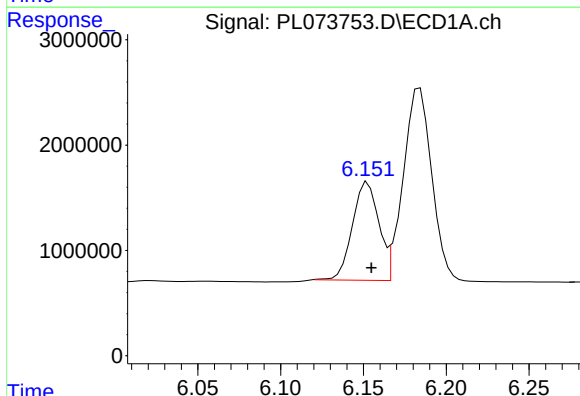
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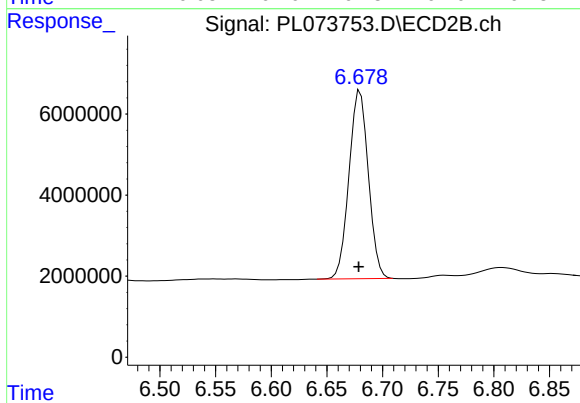
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 120163048
Conc: 57.36 ng/ml



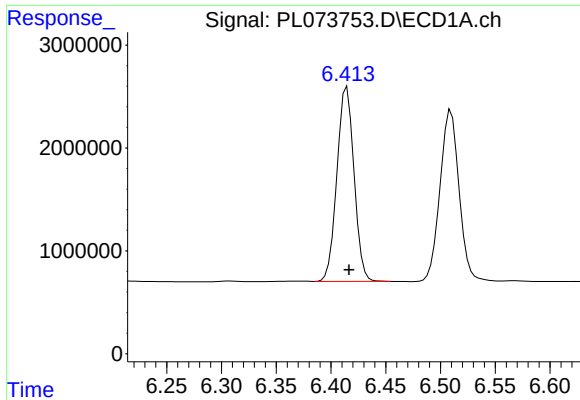
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10335915
Conc: 50.20 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 56272821
Conc: 53.99 ng/ml



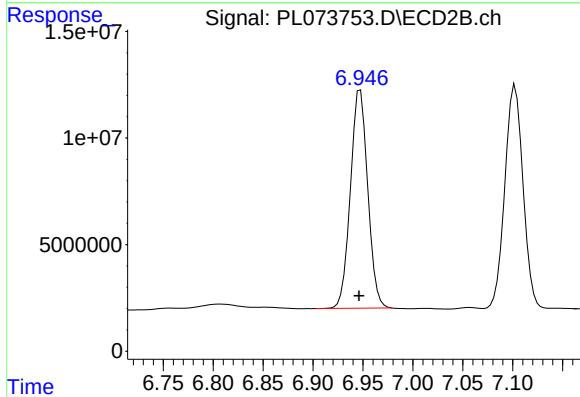
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 20562626
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

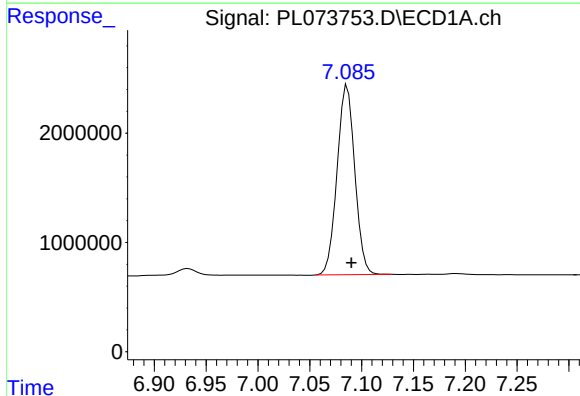
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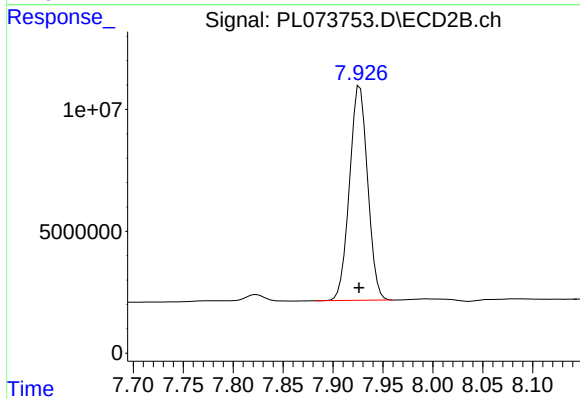
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 123843382
Conc: 57.51 ng/ml



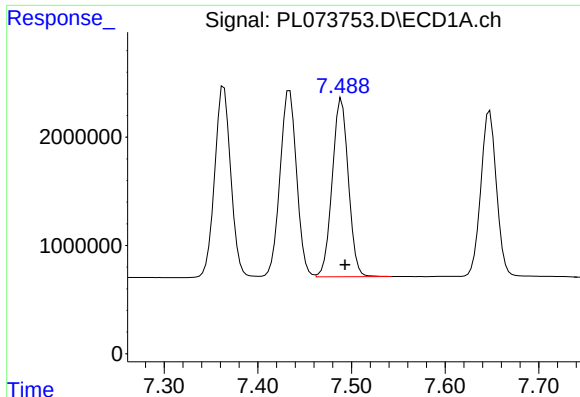
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 20652222
Conc: 47.92 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 111256367
Conc: 55.70 ng/ml



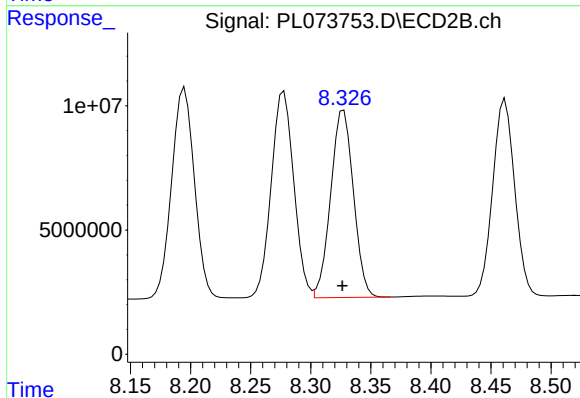
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 19757503
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

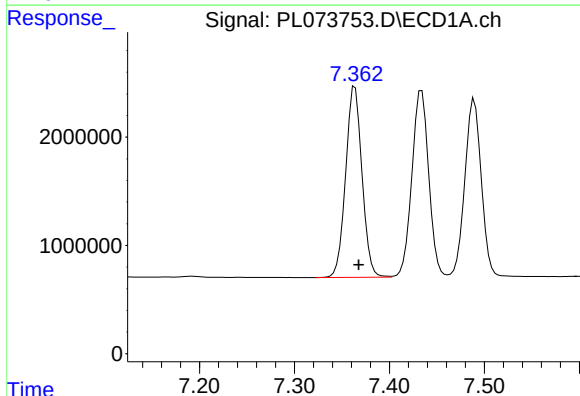
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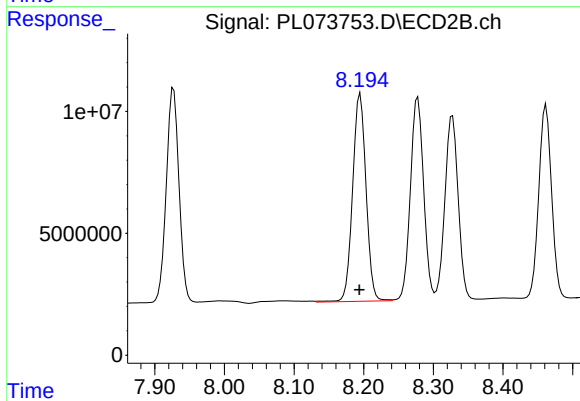
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.001 min
Response: 99706330
Conc: 54.62 ng/ml



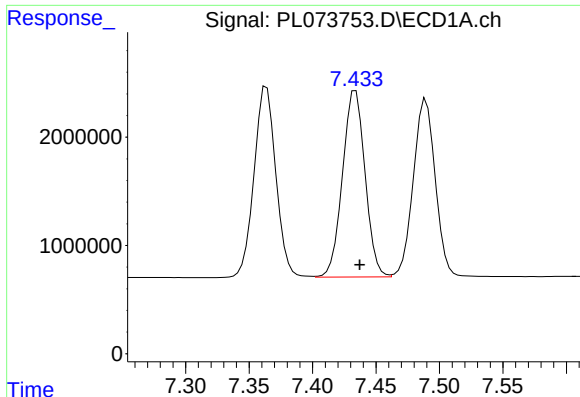
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 21131519
Conc: 48.32 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 113812979
Conc: 55.72 ng/ml



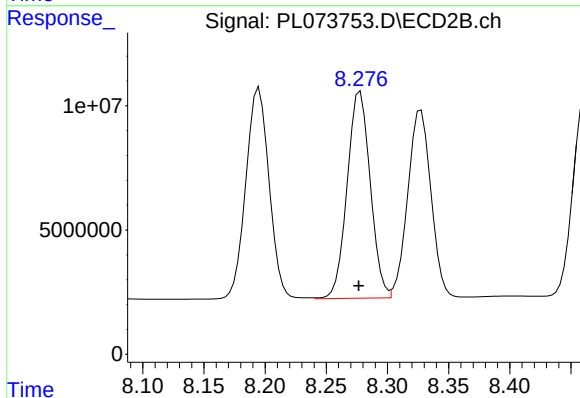
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 21296723
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

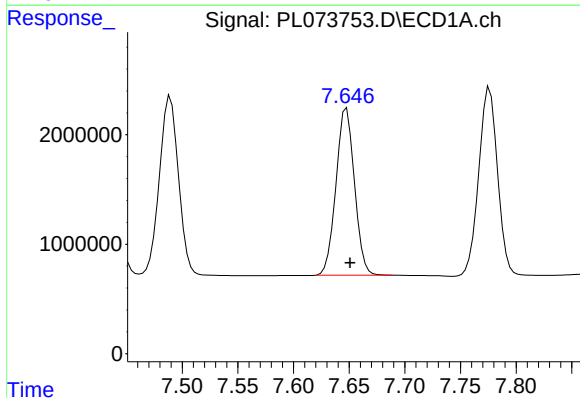
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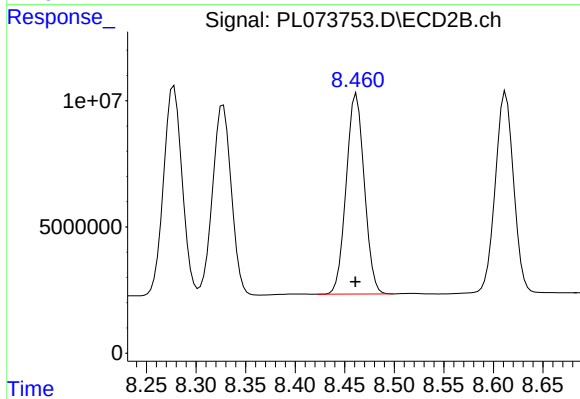
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 109421992
Conc: 54.71 ng/ml



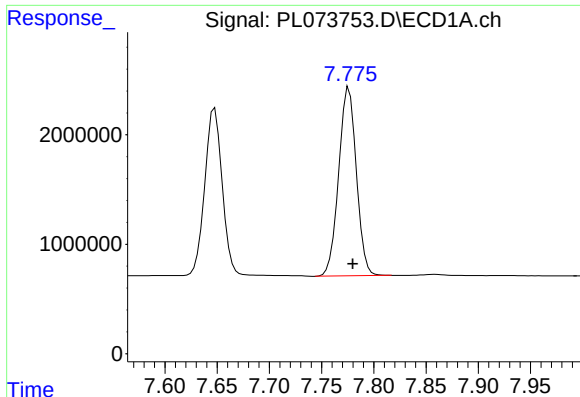
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 17631178
Conc: 49.13 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 100833071
Conc: 56.26 ng/ml



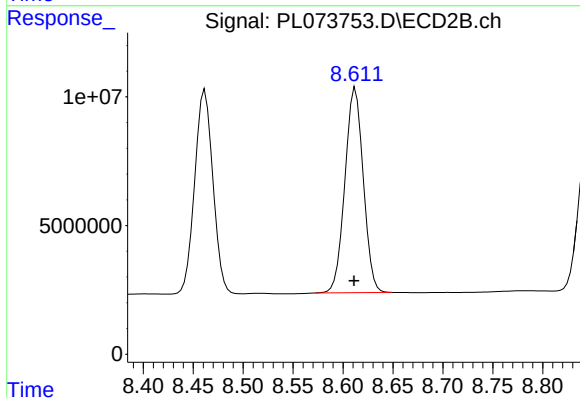
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 20237254
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

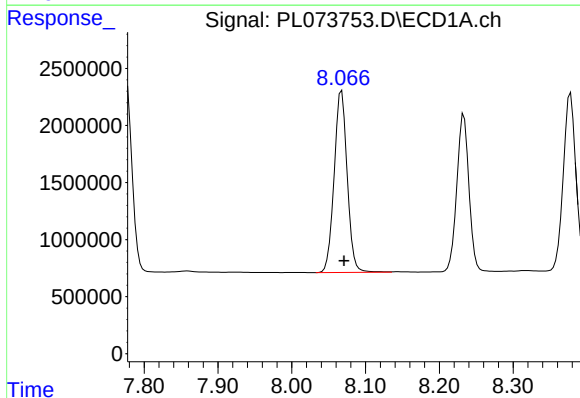
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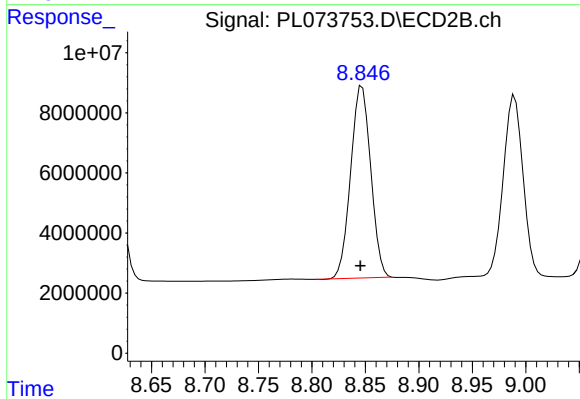
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 101981025
Conc: 55.28 ng/ml



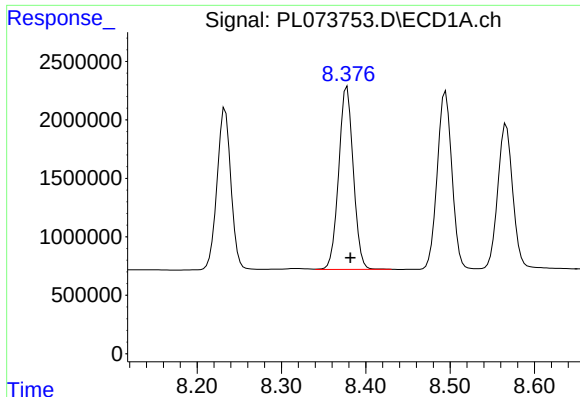
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 19595533
Conc: 50.50 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 83613839
Conc: 54.32 ng/ml



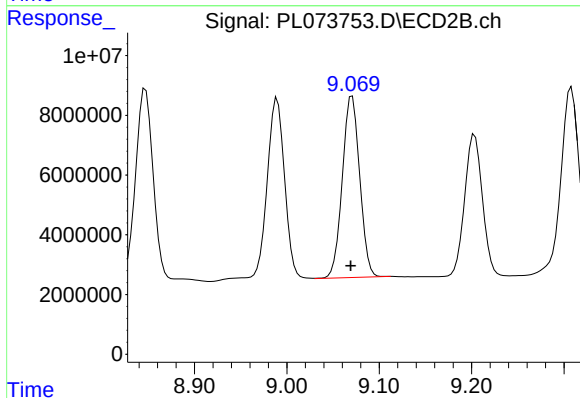
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 18808724
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

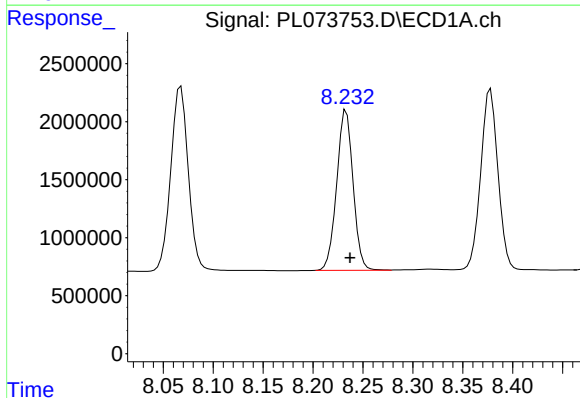
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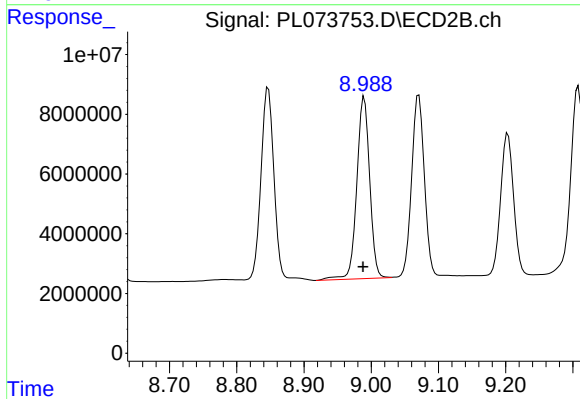
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 79499685
Conc: 51.76 ng/ml



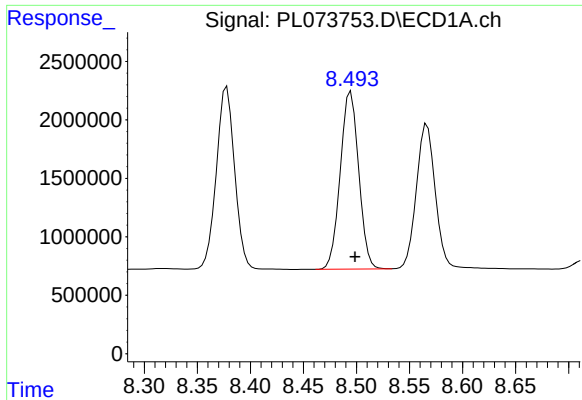
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 15781082
Conc: 48.60 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 81107793
Conc: 55.56 ng/ml



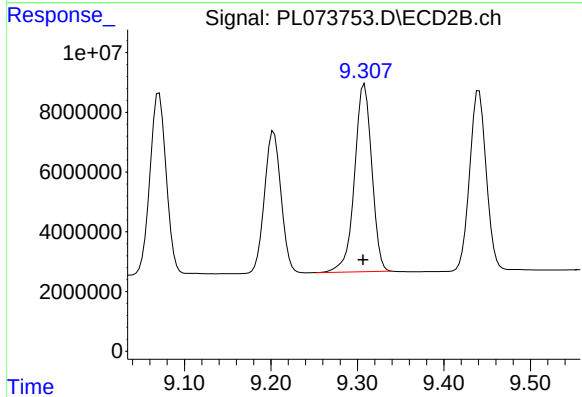
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 18346830
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

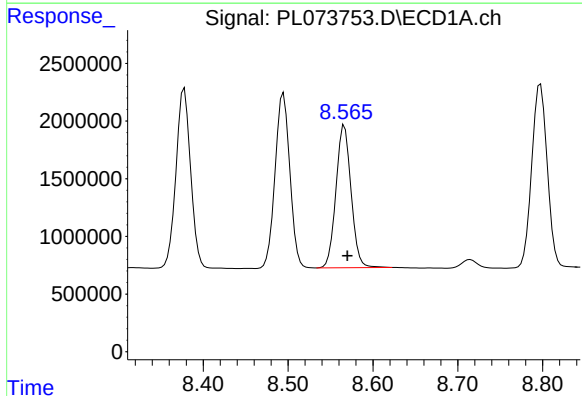
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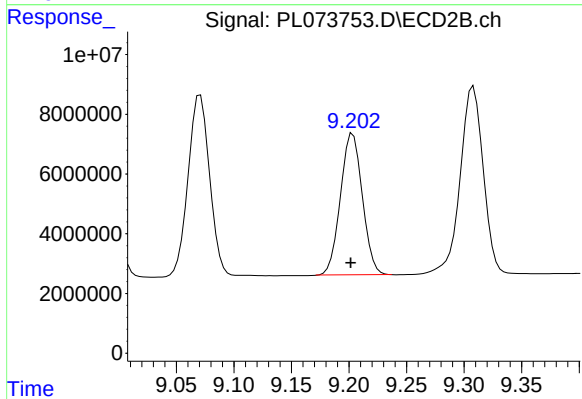
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 87001057
Conc: 53.23 ng/ml



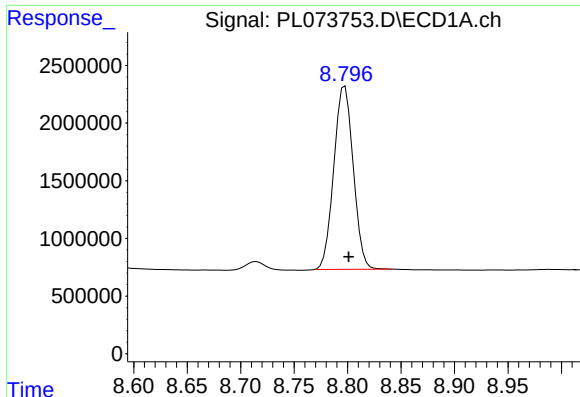
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 15276376
Conc: 48.31 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 62819219
Conc: 51.23 ng/ml m



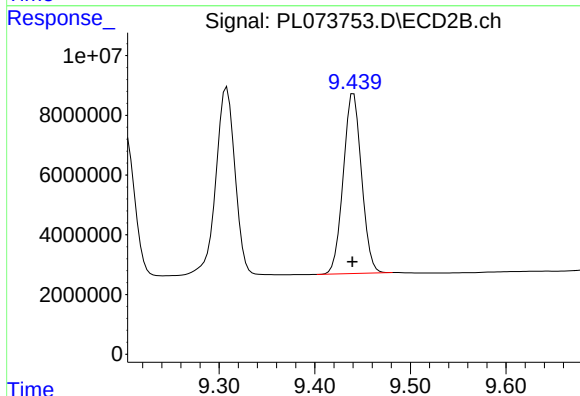
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 20077854
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

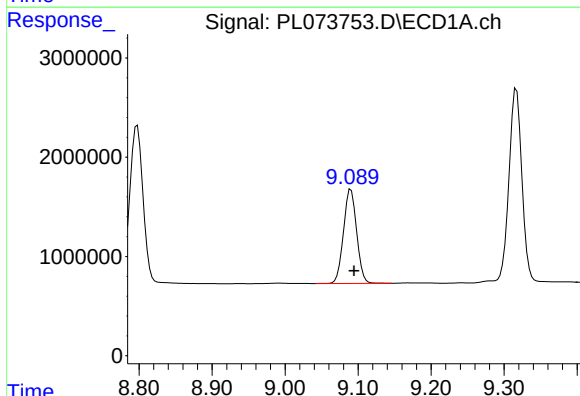
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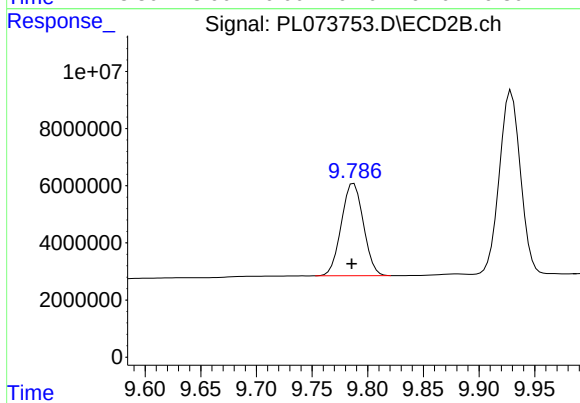
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.001 min
Response: 80394578
Conc: 51.01 ng/ml



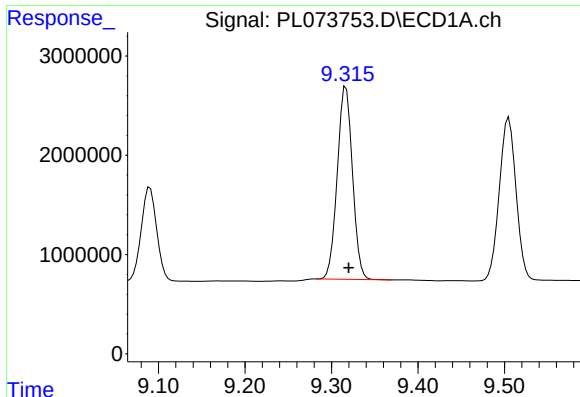
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.004 min
Response: 11859781
Conc: 46.23 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 44712862
Conc: 49.62 ng/ml



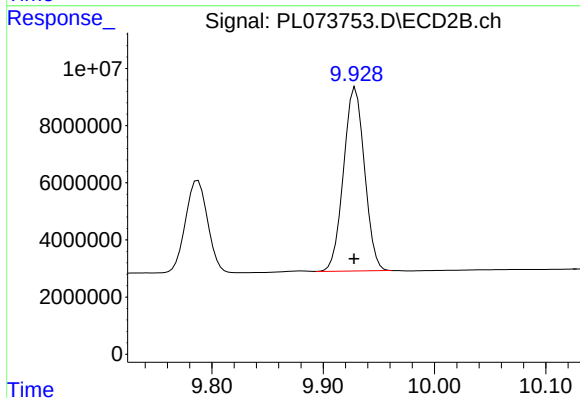
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 23579389
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

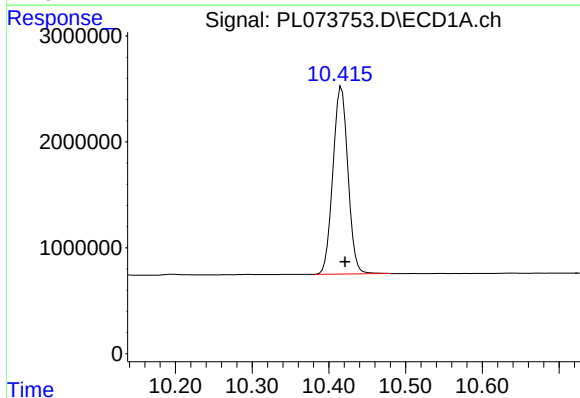
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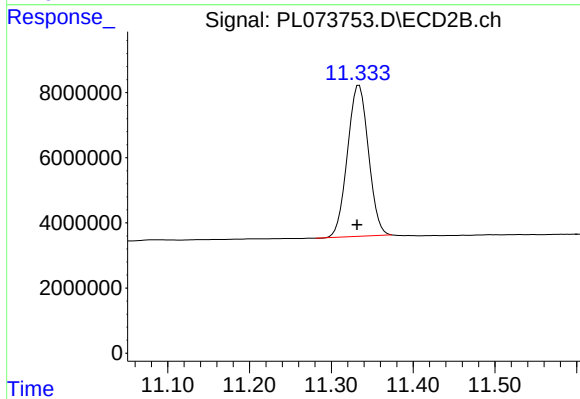
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 84222086
Conc: 51.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 24091374
Conc: 47.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.003 min
Response: 82597007
Conc: 46.19 ng/ml