

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
 Data File : PL096410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 17:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/17/2025
 Supervised By : mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:45:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.829	206.8E6	355.2E6	56.680	61.553
28)	SA Decachlor...	9.020	7.994	134.5E6	232.6E6	47.801	46.643
Target Compounds							
2)	A alpha-BHC	3.985	3.335	314.1E6	563.1E6	61.063	66.768
3)	MA gamma-BHC...	4.313	3.667	299.9E6	516.3E6	60.219	65.550
4)	MA Heptachlor	4.906	4.016	271.2E6	498.9E6	59.189	65.580
5)	MB Aldrin	5.246	4.299	273.4E6	467.2E6	56.571	64.042
6)	B beta-BHC	4.500	3.963	124.7E6	214.6E6	60.004	62.689
7)	B delta-BHC	4.746	4.196	271.9E6	498.0E6	60.674	64.665
8)	B Heptachlo...	5.665	4.801	247.7E6	408.0E6	59.708	61.033
9)	A Endosulfan I	6.047	5.172	219.2E6	368.2E6	54.294	51.323
10)	B gamma-Chl...	5.919	5.053	243.0E6	425.6E6	54.918	60.631
11)	B alpha-Chl...	5.999	5.117	238.4E6	415.2E6	54.450	55.213
12)	B 4,4'-DDE	6.169	5.306	200.4E6	382.7E6	54.064	59.213
13)	MA Dieldrin	6.319	5.435	228.0E6	406.7E6	53.912	59.638m
14)	MA Endrin	6.545	5.711	181.4E6	364.9E6	58.339	59.853
15)	B Endosulfa...	6.757	6.003	185.2E6	328.6E6	53.360m	56.044
16)	A 4,4'-DDD	6.678	5.859	167.4E6	310.7E6	57.504	60.572
17)	MA 4,4'-DDT	6.993	6.111	167.4E6	314.5E6	55.168	54.846
18)	B Endrin al...	6.887	6.181	139.0E6	244.1E6	62.184	54.791
19)	B Endosulfa...	7.120	6.404	163.2E6	313.2E6	53.348	55.688
20)	A Methoxychlor	7.465	6.683	87739527	160.6E6	55.694	52.867
21)	B Endrin ke...	7.600	6.908	170.1E6	380.6E6	51.515	60.870
22)	Mirex	8.080	7.099	139.3E6	270.0E6	50.063	54.348

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
Data File : PL096410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 17:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

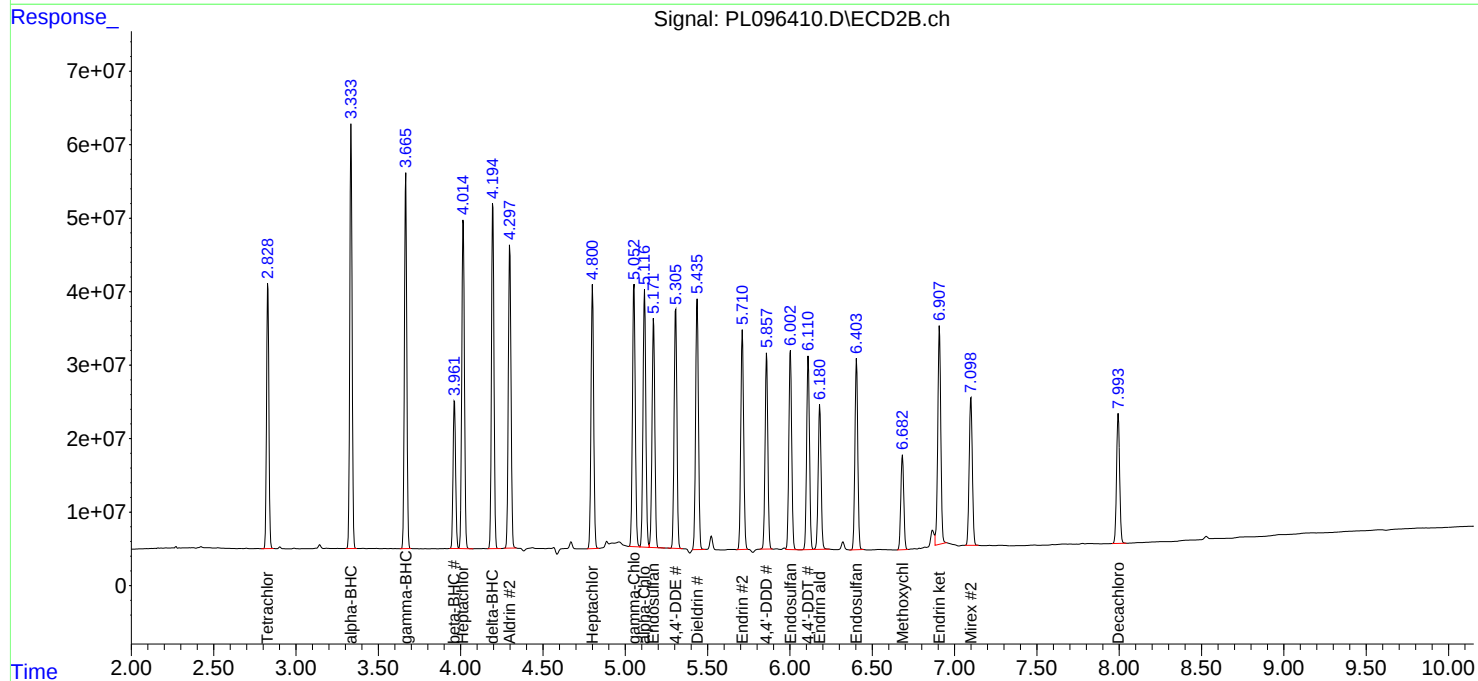
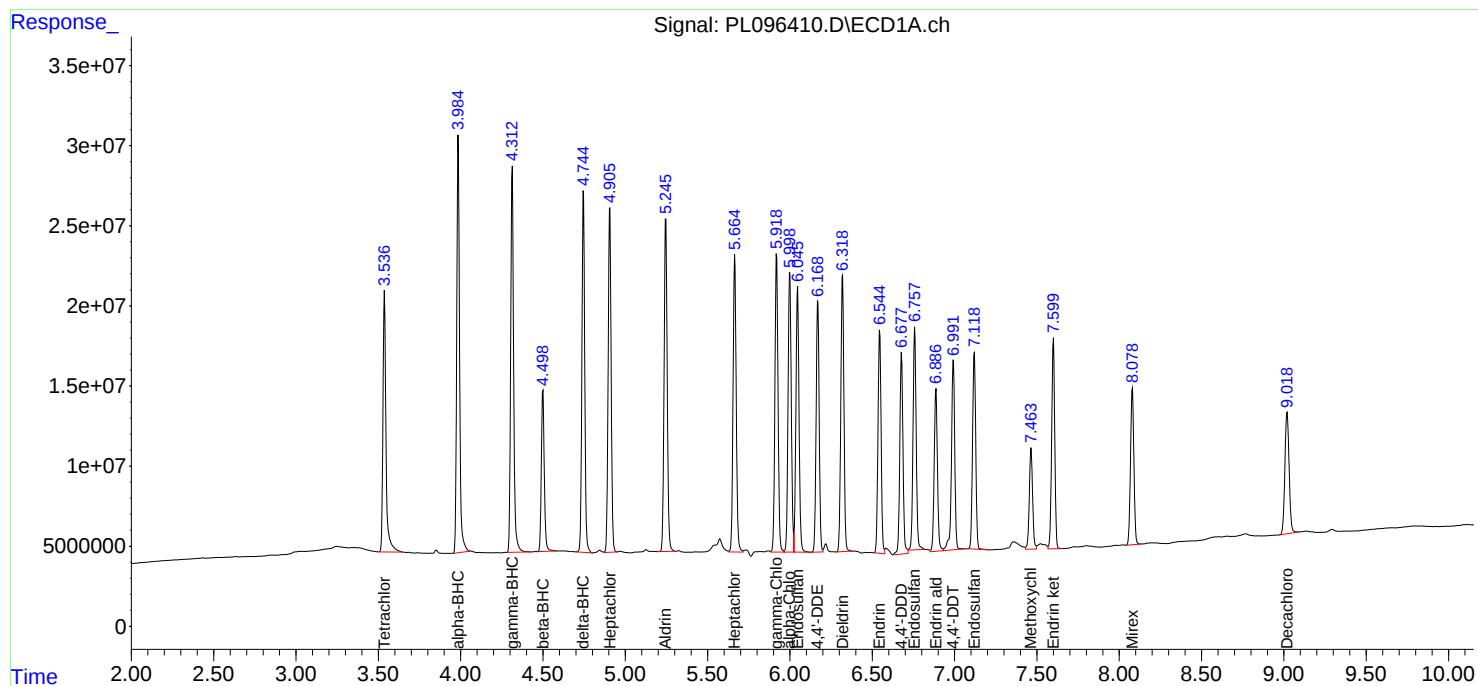
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

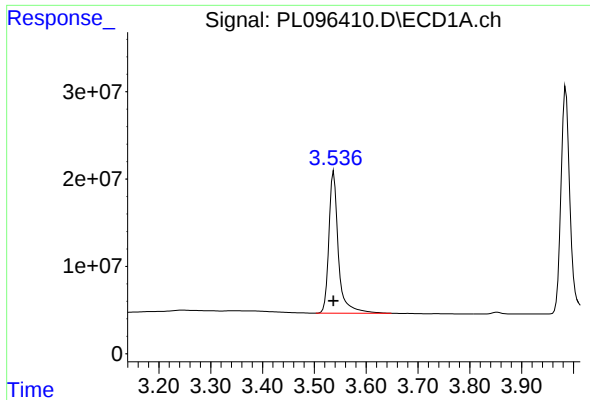
Manual Integrations
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Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 01:45:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





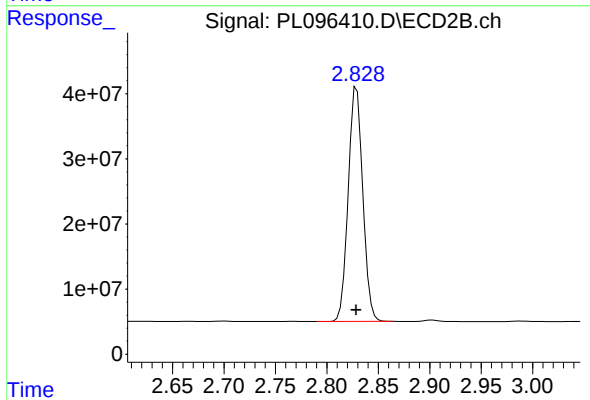
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 206823452
Conc: 56.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

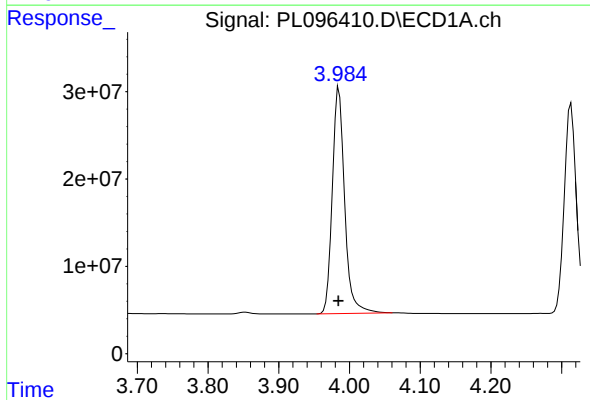
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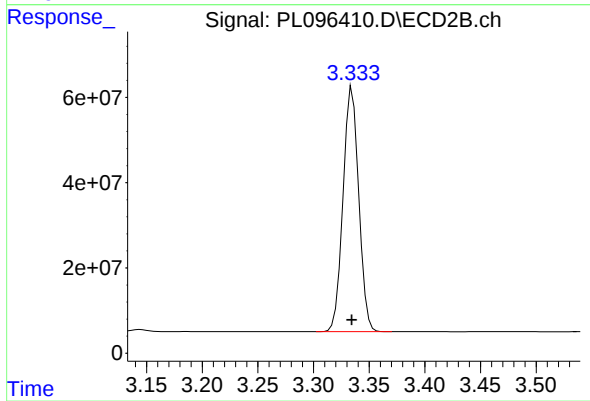
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 355237016
Conc: 61.55 ng/ml



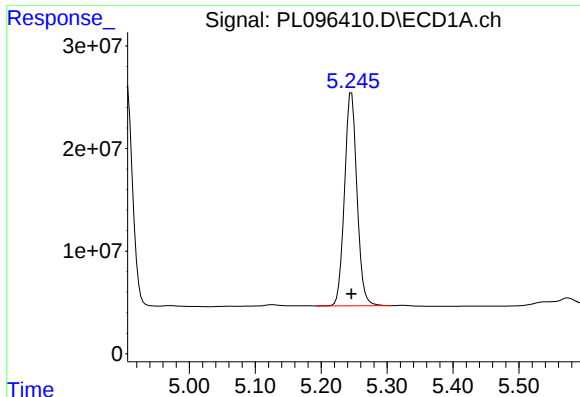
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 314056481
Conc: 61.06 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 563144799
Conc: 66.77 ng/ml



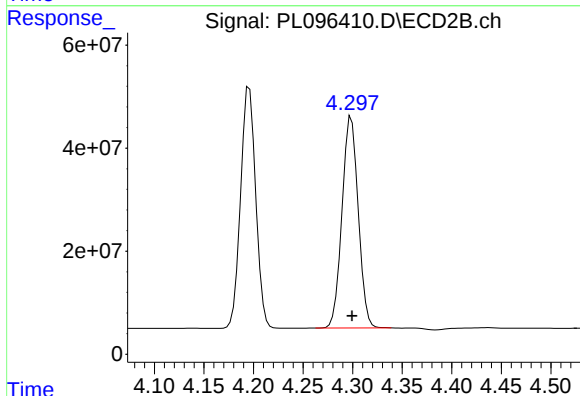
#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 273448167
Conc: 56.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

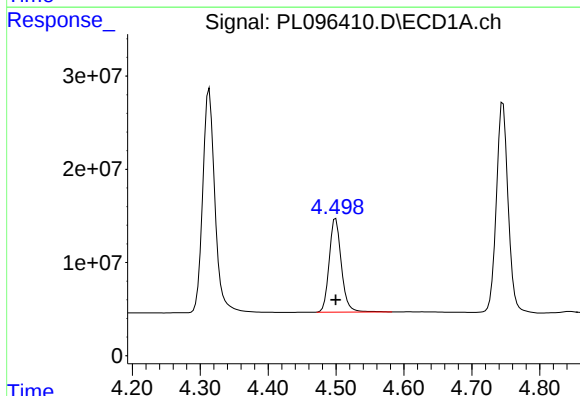
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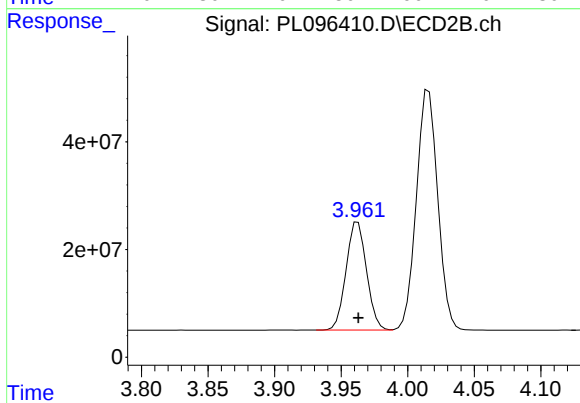
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 467229193
Conc: 64.04 ng/ml



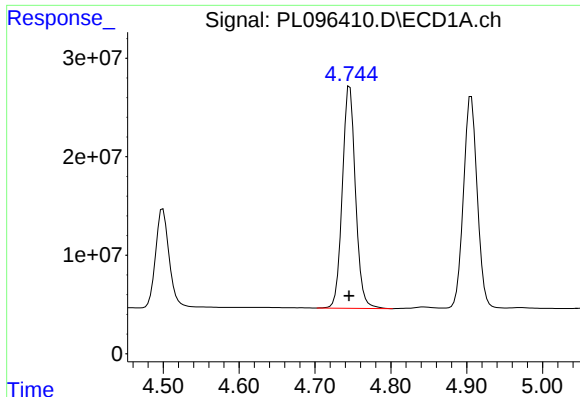
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 124735557
Conc: 60.00 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 214641087
Conc: 62.69 ng/ml



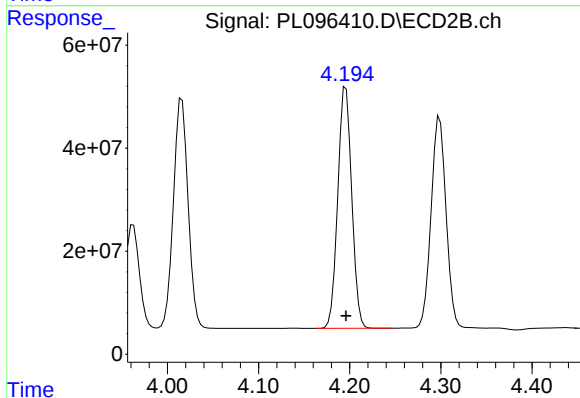
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.001 min
Response: 271898817
Conc: 60.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

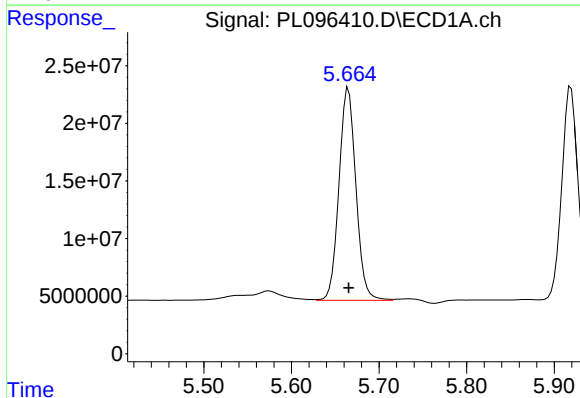
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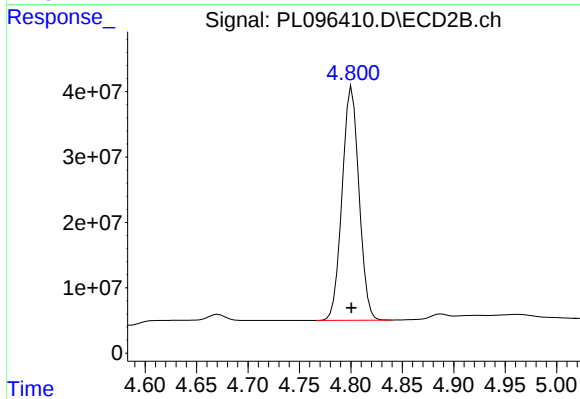
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 498039852
Conc: 64.66 ng/ml



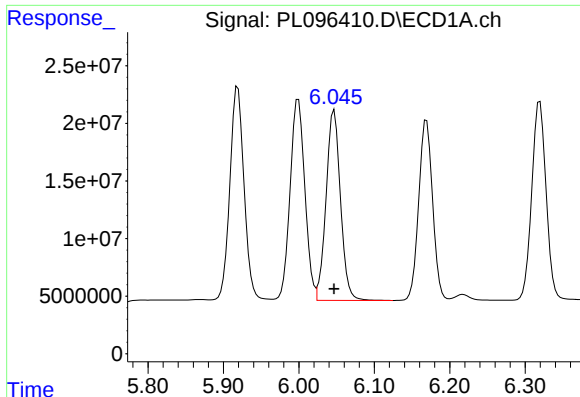
#8 Heptachlor epoxide

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 247736158
Conc: 59.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 408002038
Conc: 61.03 ng/ml



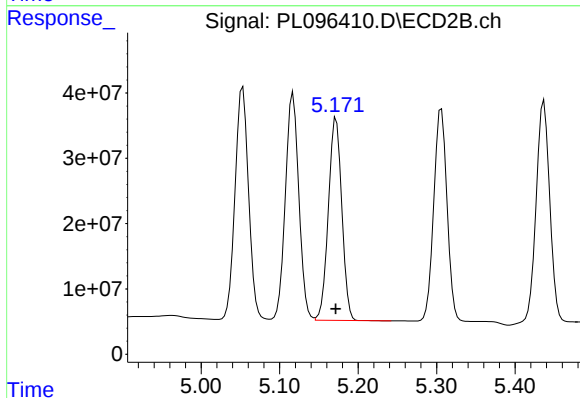
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 219198249
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

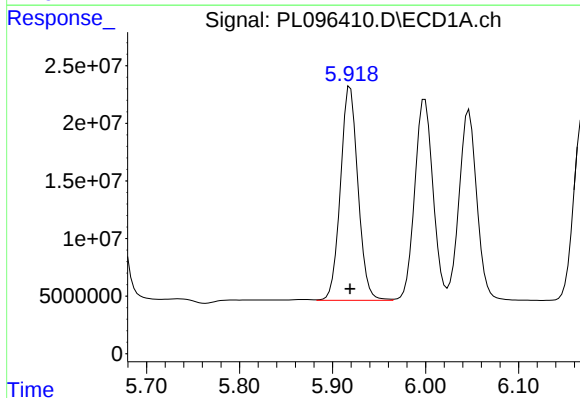
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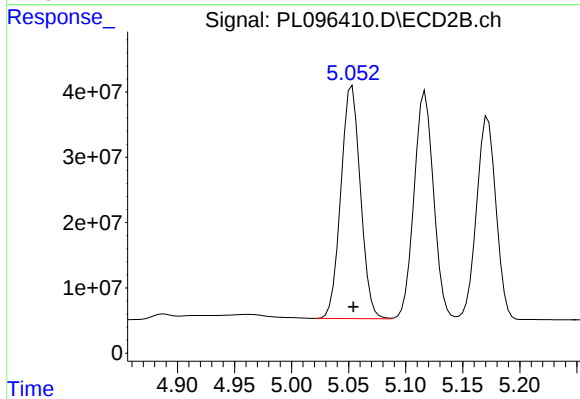
#9 Endosulfan I

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 368201500
Conc: 51.32 ng/ml



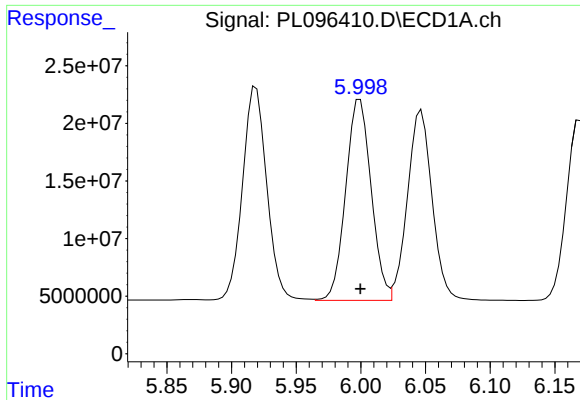
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 243001307
Conc: 54.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.001 min
Response: 425608660
Conc: 60.63 ng/ml



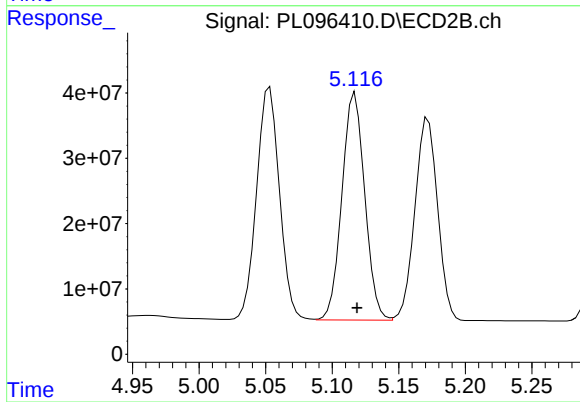
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 238427412
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

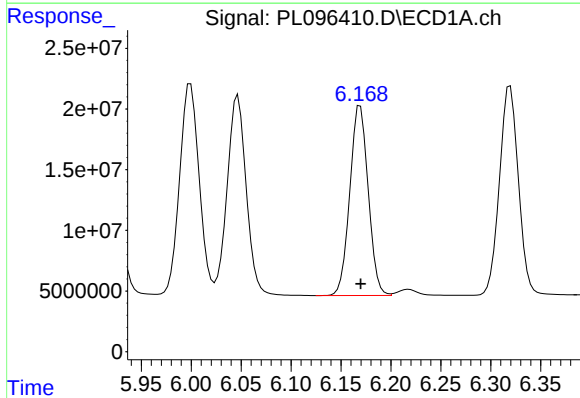
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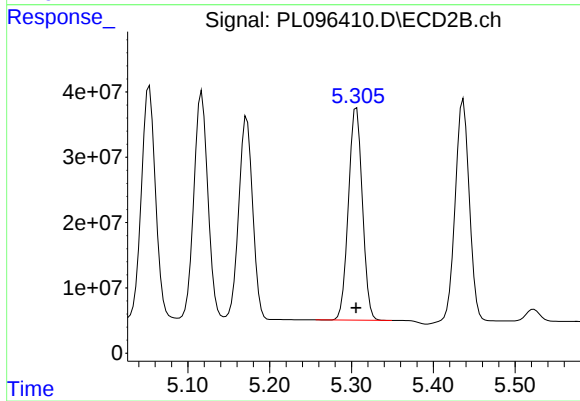
#11 alpha-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 415210986
Conc: 55.21 ng/ml



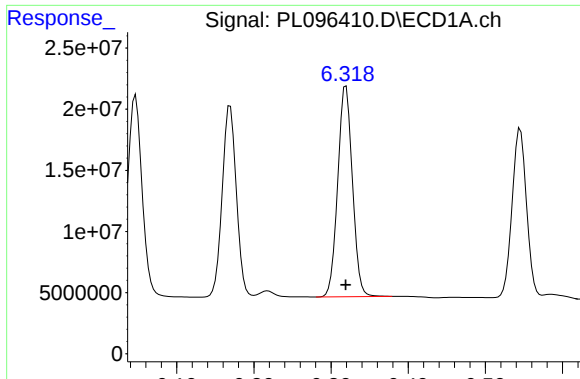
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 200440126
Conc: 54.06 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 382731909
Conc: 59.21 ng/ml



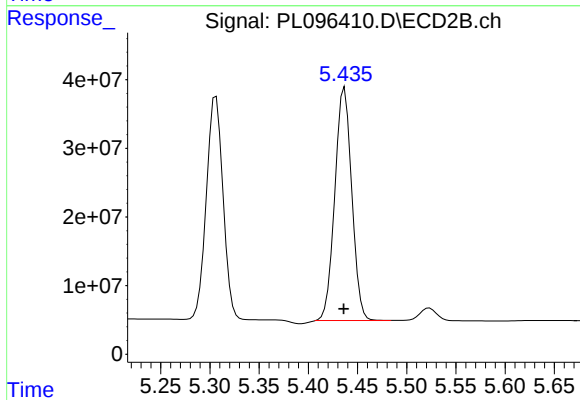
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 227959930
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

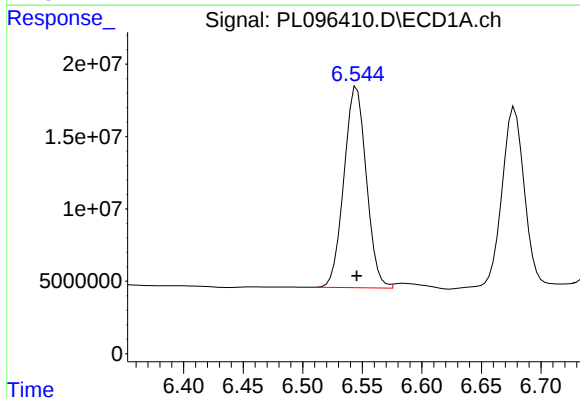
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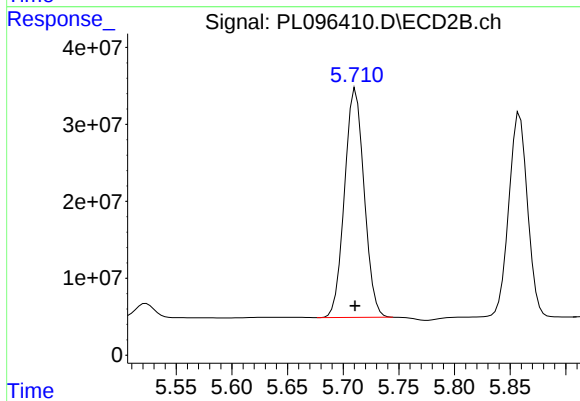
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 406688495
Conc: 59.64 ng/ml m



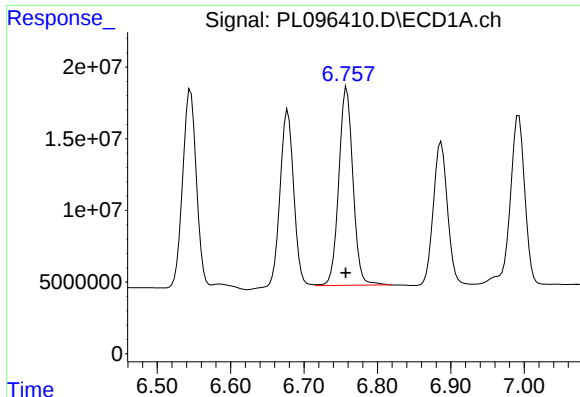
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 181446273
Conc: 58.34 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 364892291
Conc: 59.85 ng/ml



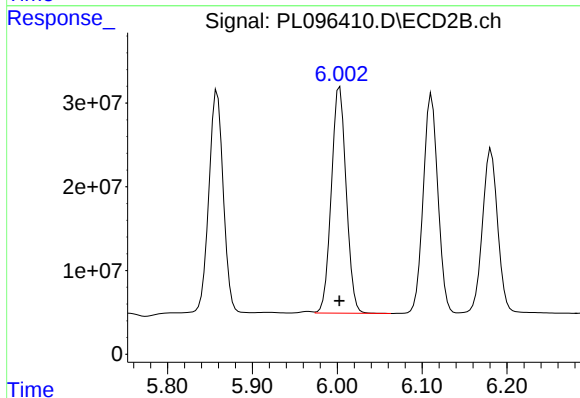
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 185162574
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

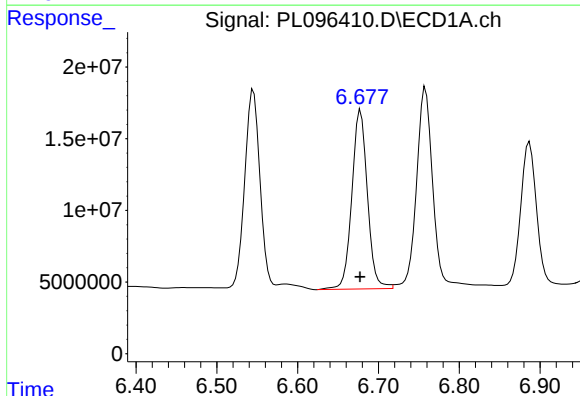
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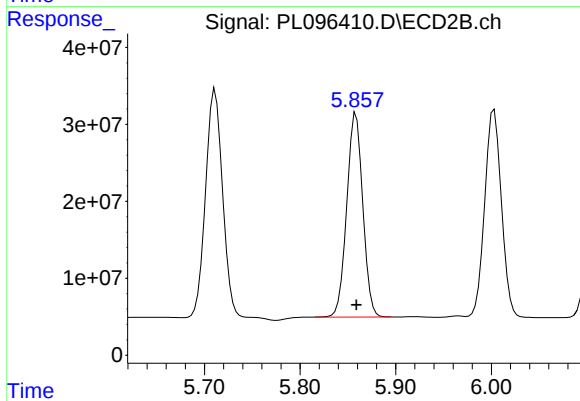
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 328638155
Conc: 56.04 ng/ml



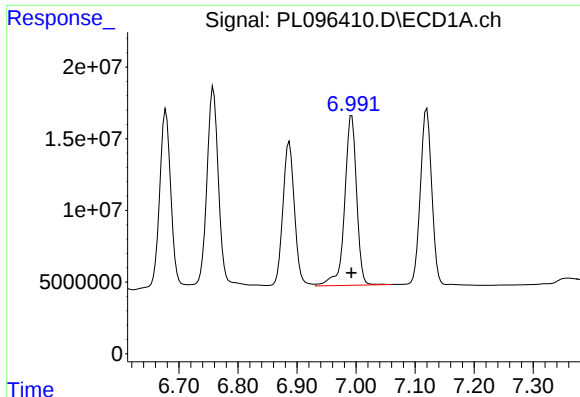
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 167434896
Conc: 57.50 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 310653458
Conc: 60.57 ng/ml



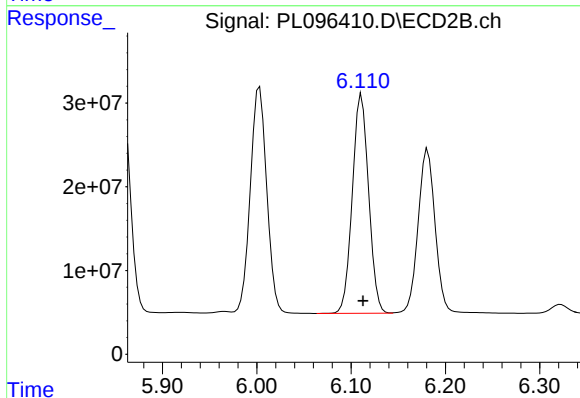
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 167446597
Conc: 55.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

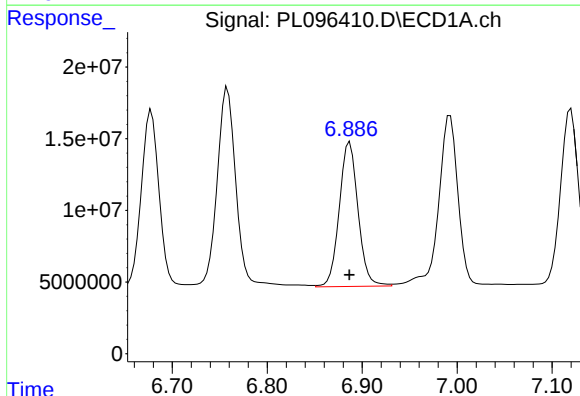
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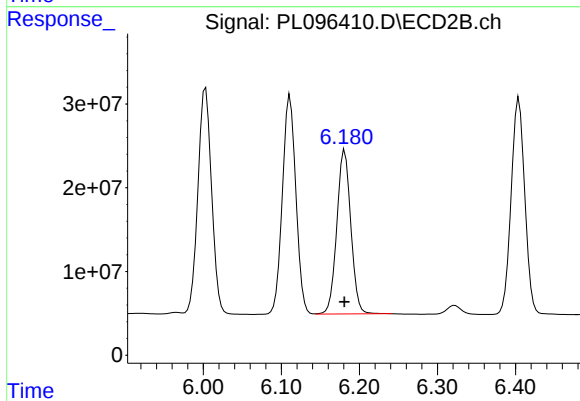
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 314547975
Conc: 54.85 ng/ml



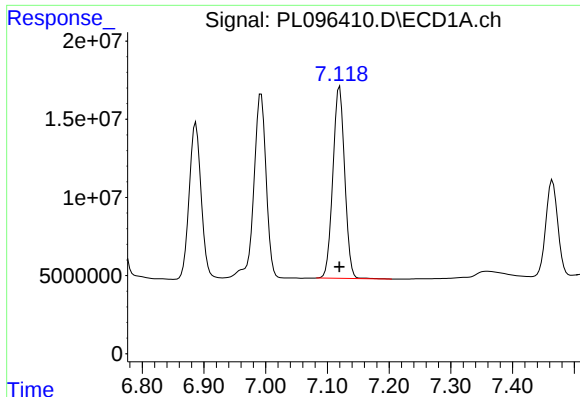
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 139016584
Conc: 62.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 244072444
Conc: 54.79 ng/ml



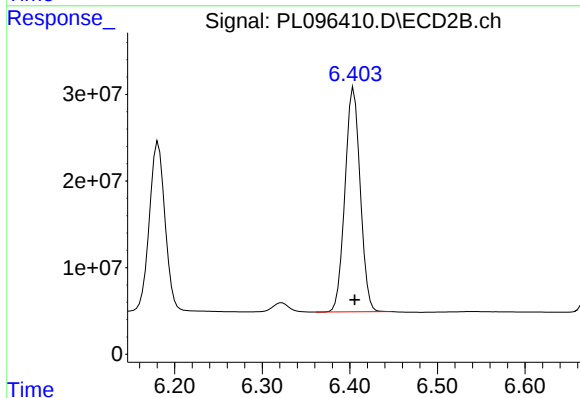
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 163182924
Conc: 53.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

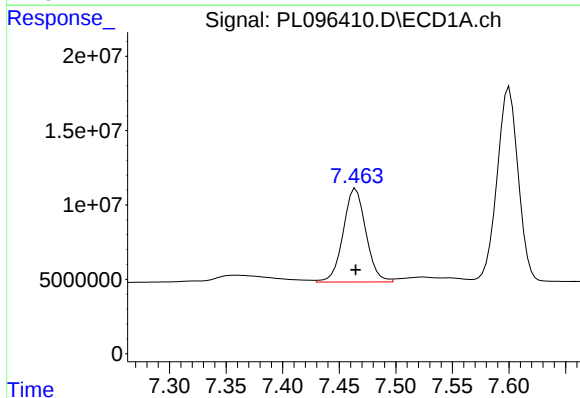
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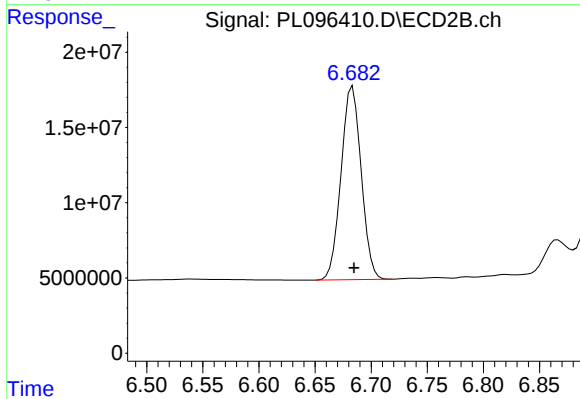
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 313213559
Conc: 55.69 ng/ml



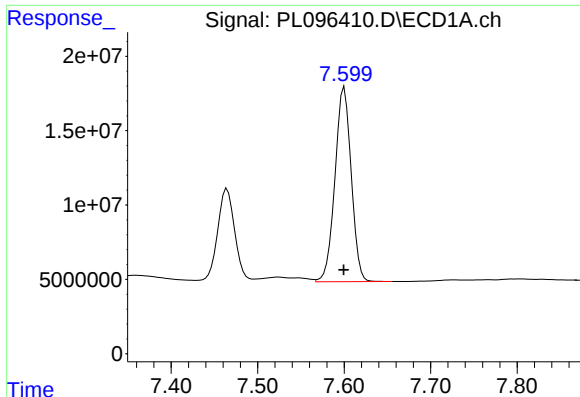
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 87739527
Conc: 55.69 ng/ml



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.001 min
Response: 160598498
Conc: 52.87 ng/ml



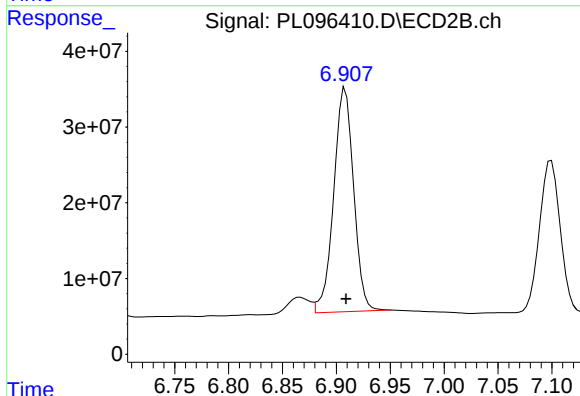
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 170084704
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

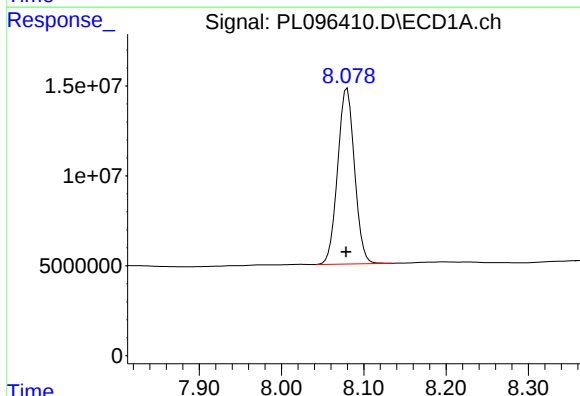
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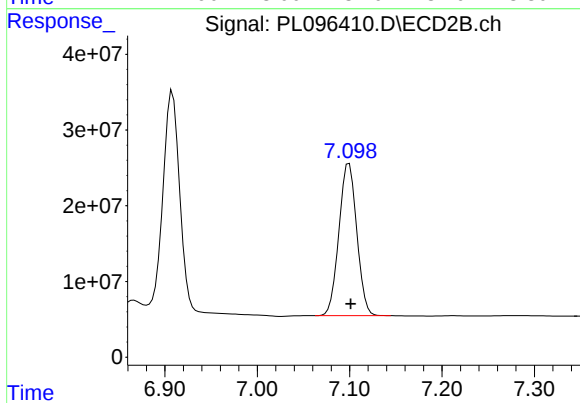
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 380574189
Conc: 60.87 ng/ml



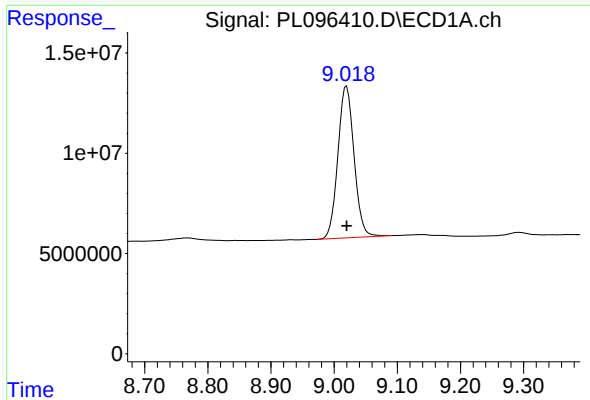
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.001 min
Response: 139285405
Conc: 50.06 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 270011217
Conc: 54.35 ng/ml



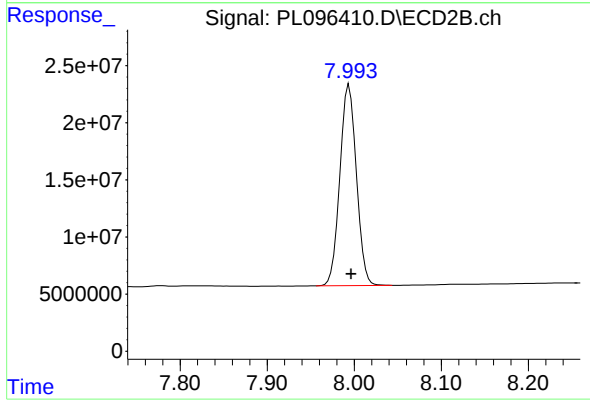
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 134466825
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 232585915
Conc: 46.64 ng/ml