

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112222\
 Data File : PL079385.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2022 20:34
 Operator : AR\AJ
 Sample : PB149154BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB149154BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/23/2022
 Supervised By : Ankita Jodhani 11/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 03:47:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 16 15:31:11 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...	3.319	2.566	49940343	59666458	23.982	23.427
28)	SA Decachlor...	8.765	7.631	40986323	50579054	24.502	24.382
Target Compounds							
2)	A alpha-BHC	3.779	3.050	35643508	46829155	11.311	11.581m
3)	MA gamma-BHC...	4.112	3.373	34081803	44580420	11.355	12.565
4)	MA Heptachlor	4.682	3.699	36200467	45077922	12.100	12.408
5)	MB Aldrin	5.020	3.970	33683707	44007179	12.037	12.599
6)	B beta-BHC	4.327	3.673	16803237	18837652	12.778	13.476
7)	B delta-BHC	4.567	3.892	28354234	44116702	12.521	12.286
8)	B Heptachlo...	5.454	4.467	33660652	40349318	14.242	12.995
9)	A Endosulfan I	5.838	4.829	32323378	38602027	13.460	13.062
10)	B gamma-Chl...	5.709	4.715	34976193	40473402	13.684	13.063
11)	B alpha-Chl...	5.785	4.776	34339699	40626119	13.348	13.309
12)	B 4,4'-DDE	5.969	4.971	27460321	36912553	12.020	12.888
13)	MA Dieldrin	6.115	5.091	29559022	40303580	12.185	13.106
14)	MA Endrin	6.345	5.361	24758280	33294381	11.188	12.748
15)	B Endosulfa...	6.575	5.657	24371316	33336733	10.804	12.454m
16)	A 4,4'-DDD	6.494	5.521	22807044	31860416	12.986	13.624
17)	MA 4,4'-DDT	6.803	5.767	22671644	28667659	10.876	11.745m
18)	B Endrin al...	6.708	5.835	18390907	23306989	11.506	11.166m
19)	B Endosulfa...	6.939	6.058	23172034	38319459	11.529	14.687 #
20)	A Methoxychlor	7.287	6.343	12503084	15759683	11.728m	11.929m
21)	B Endrin ke...	7.426	6.554	27358132	38149646	13.140	13.487
22)	Mirex	7.882	6.726	23473858	30690868	14.740	14.482

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

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Acq On : 22 Nov 2022 20:34
Operator : AR\AJ
Sample : PB149154BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

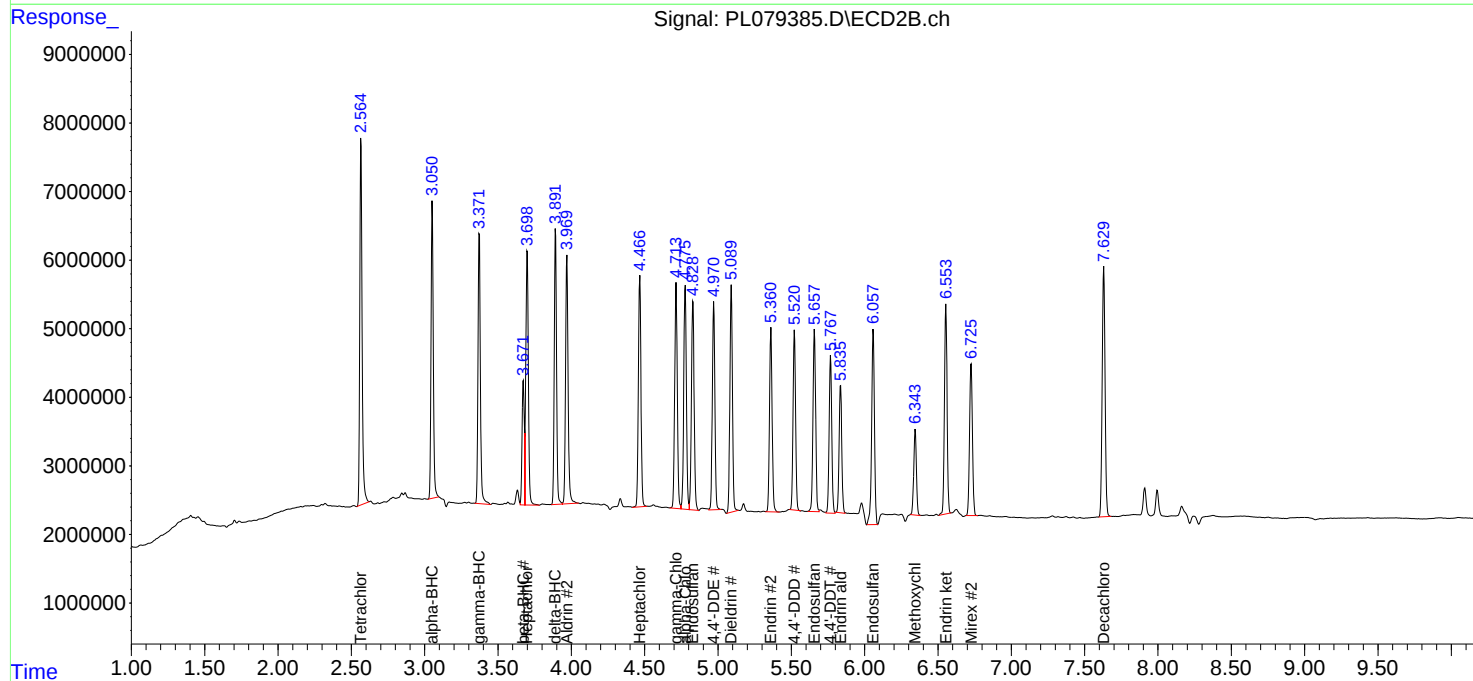
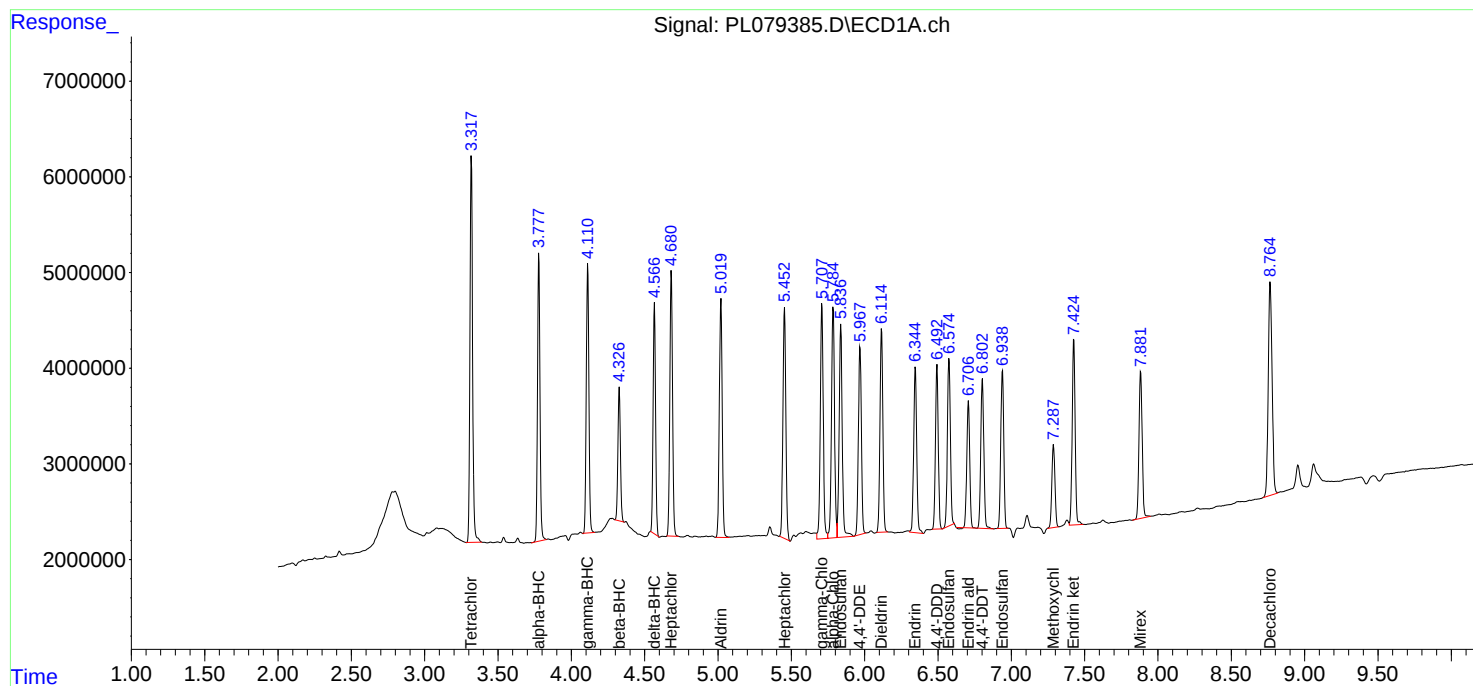
Instrument :
ECD_L
ClientSampleId :
PB149154BS

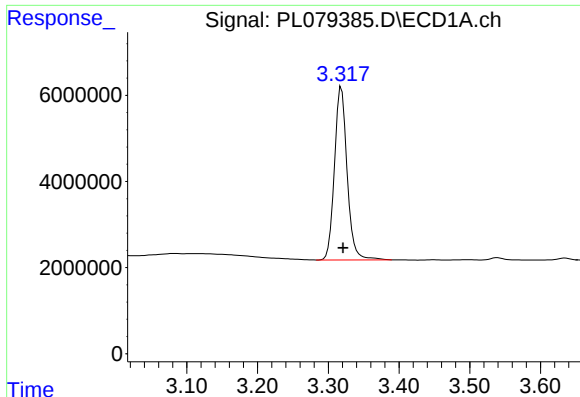
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 03:47:27 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
Quant Title : GC Extractables
QLast Update : Wed Nov 16 15:31:11 2022
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Volume Inj. : 1 µl
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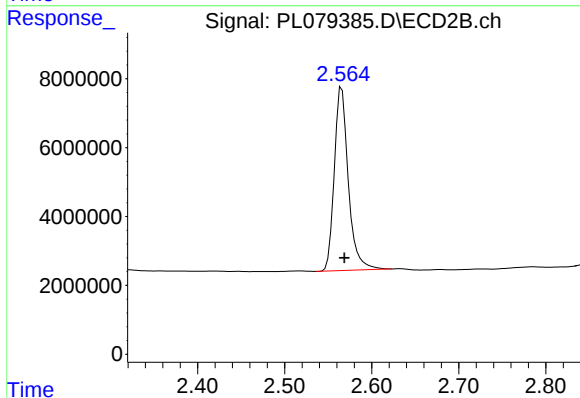
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 49940343
Conc: 23.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

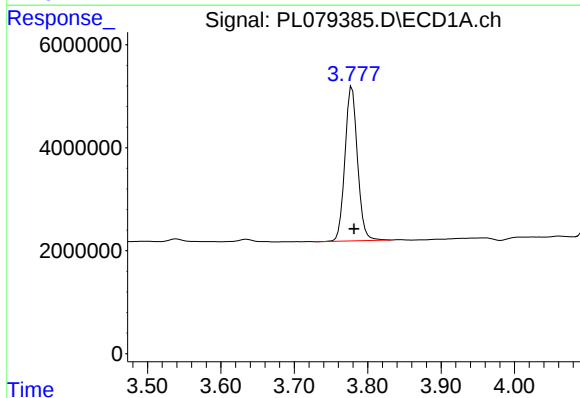
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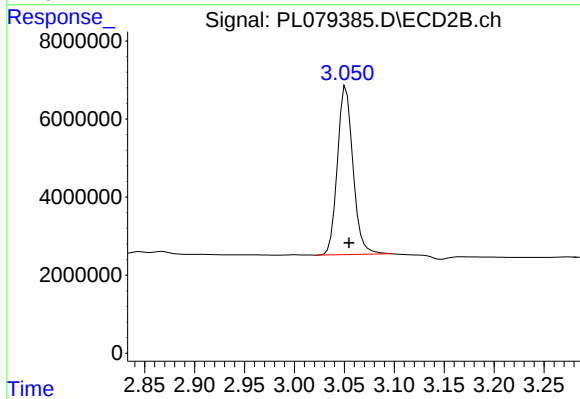
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: -0.003 min
Response: 59666458
Conc: 23.43 ng/ml



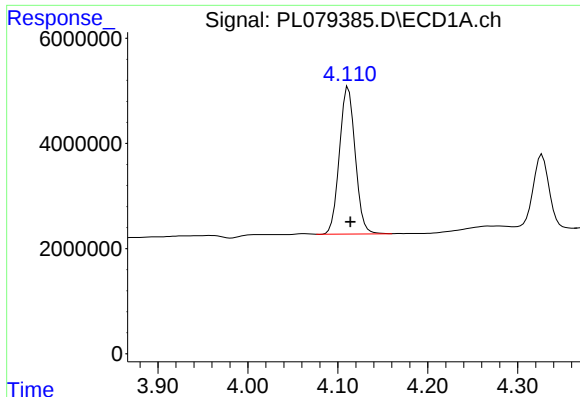
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 35643508
Conc: 11.31 ng/ml



#2 alpha-BHC

R.T.: 3.050 min
Delta R.T.: -0.004 min
Response: 46829155
Conc: 11.58 ng/ml m



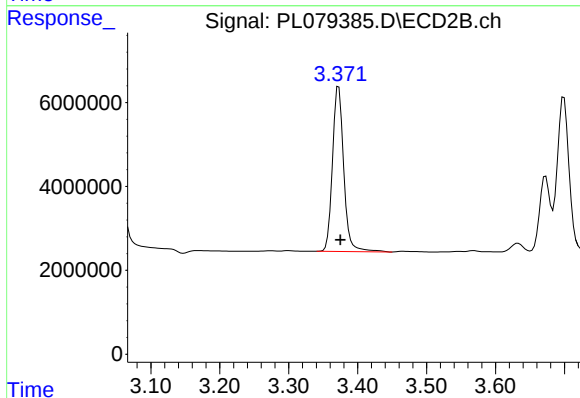
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: -0.002 min
Response: 34081803
Conc: 11.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

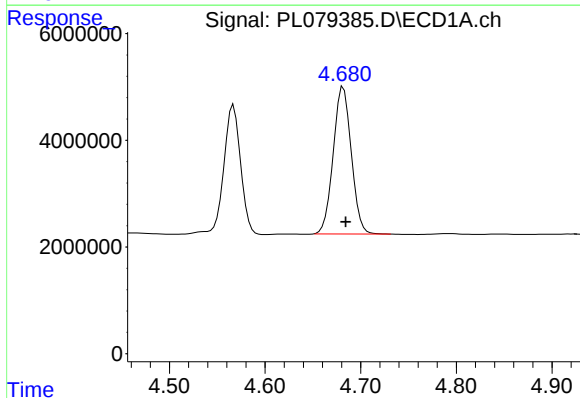
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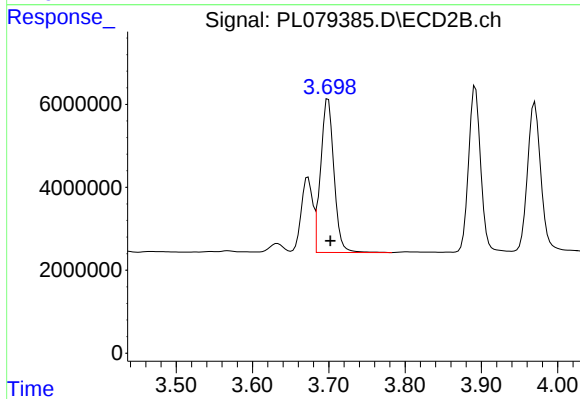
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: -0.002 min
Response: 44580420
Conc: 12.57 ng/ml



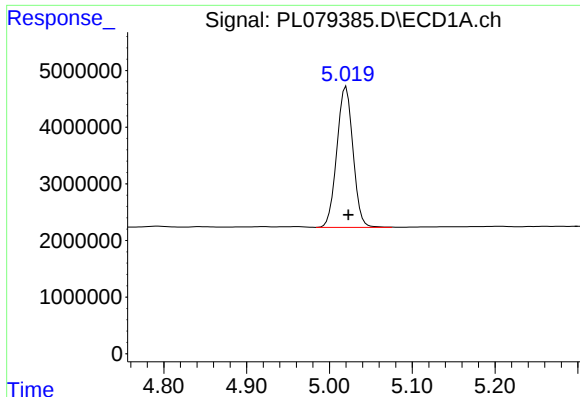
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: -0.003 min
Response: 36200467
Conc: 12.10 ng/ml



#4 Heptachlor

R.T.: 3.699 min
Delta R.T.: -0.003 min
Response: 45077922
Conc: 12.41 ng/ml



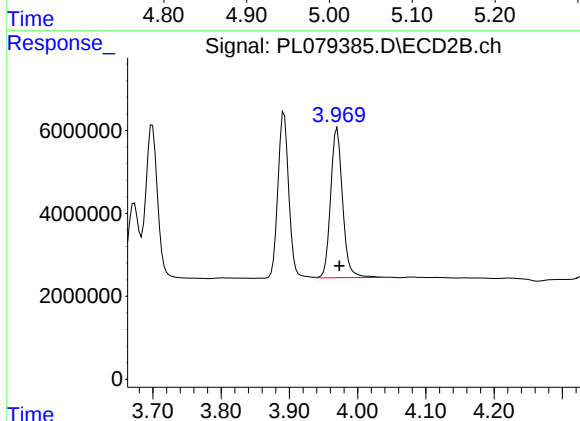
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 33683707
Conc: 12.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

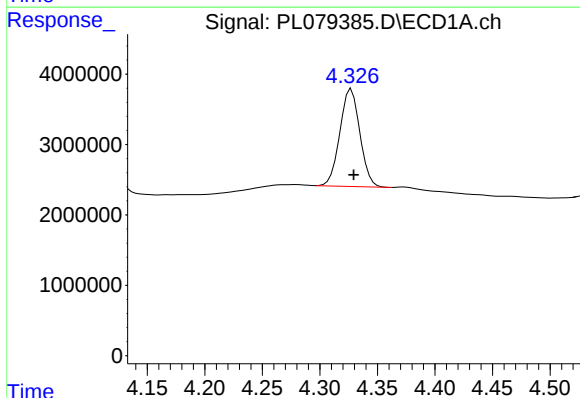
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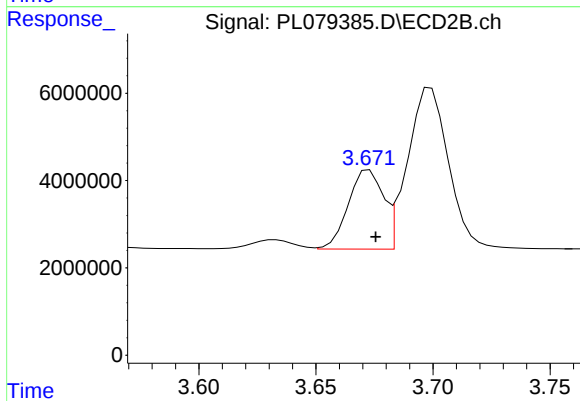
#5 Aldrin

R.T.: 3.970 min
Delta R.T.: -0.003 min
Response: 44007179
Conc: 12.60 ng/ml



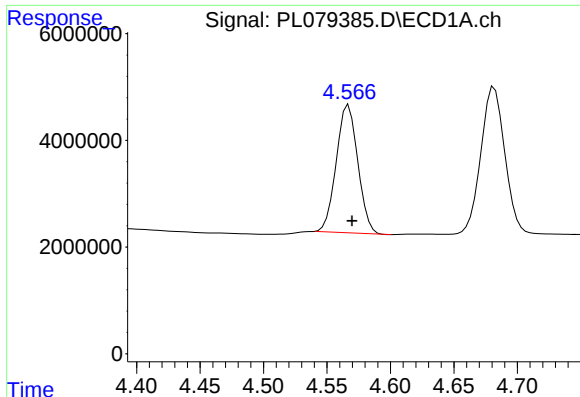
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 16803237
Conc: 12.78 ng/ml



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: -0.003 min
Response: 18837652
Conc: 13.48 ng/ml



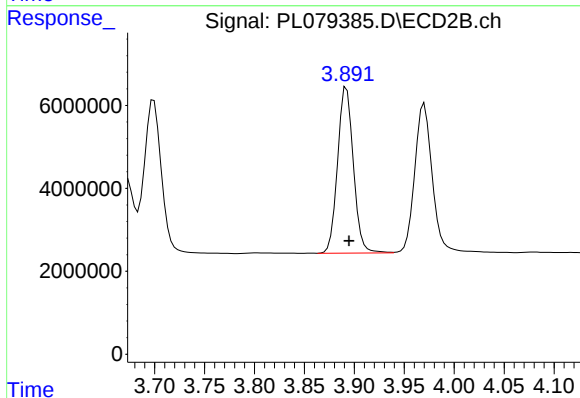
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 28354234
Conc: 12.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

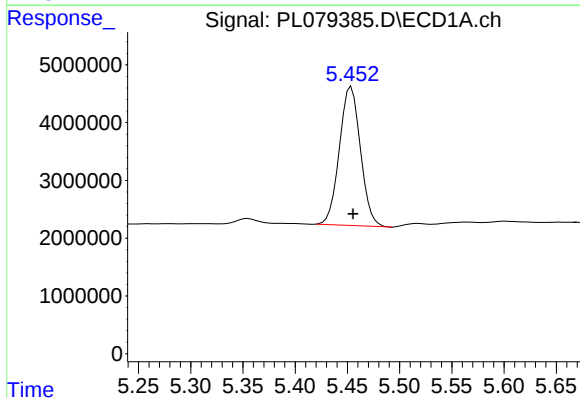
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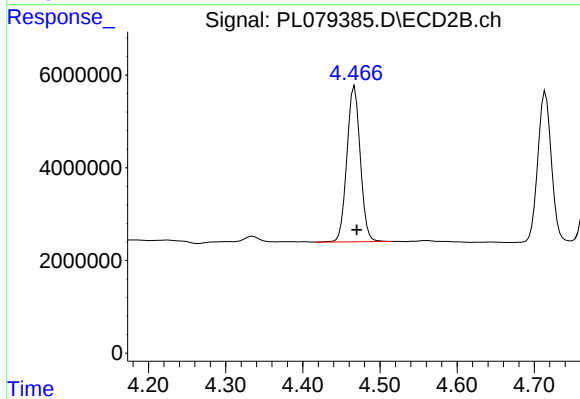
#7 delta-BHC

R.T.: 3.892 min
Delta R.T.: -0.003 min
Response: 44116702
Conc: 12.29 ng/ml



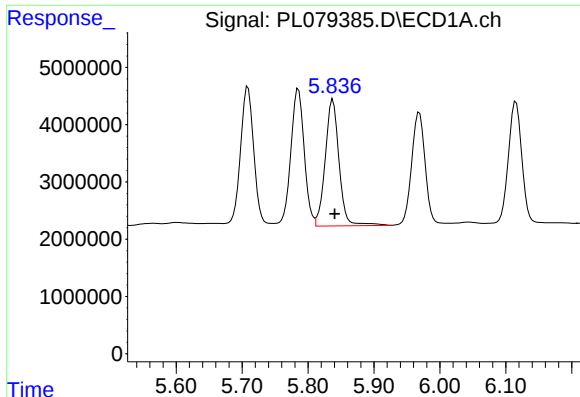
#8 Heptachlor epoxide

R.T.: 5.454 min
Delta R.T.: -0.002 min
Response: 33660652
Conc: 14.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.467 min
Delta R.T.: -0.003 min
Response: 40349318
Conc: 13.00 ng/ml



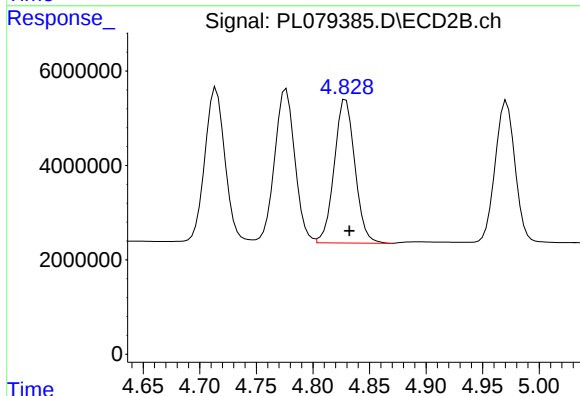
#9 Endosulfan I

R.T.: 5.838 min
Delta R.T.: -0.003 min
Response: 32323378
Conc: 13.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

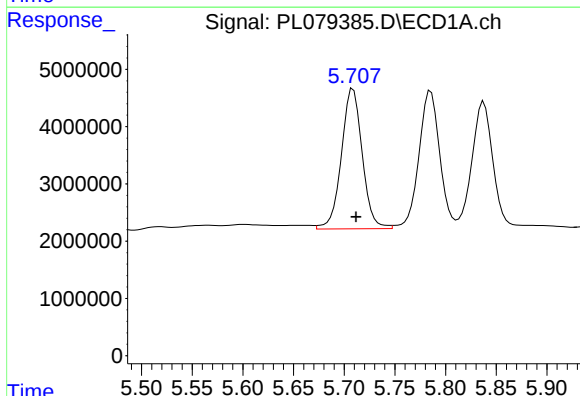
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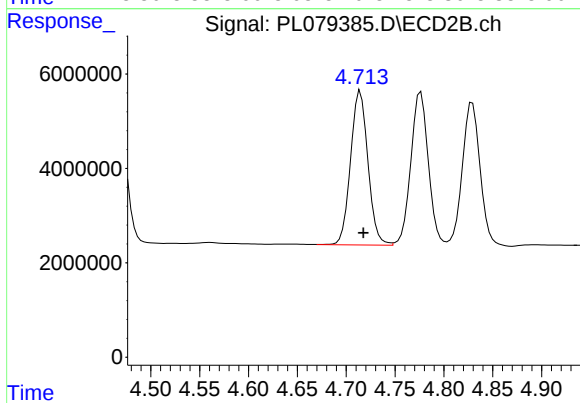
#9 Endosulfan I

R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 38602027
Conc: 13.06 ng/ml



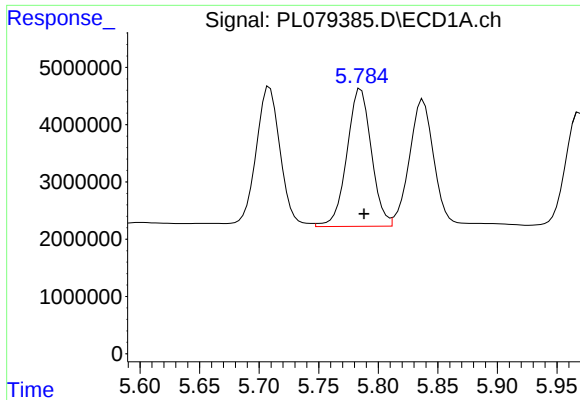
#10 gamma-Chlordane

R.T.: 5.709 min
Delta R.T.: -0.003 min
Response: 34976193
Conc: 13.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 40473402
Conc: 13.06 ng/ml



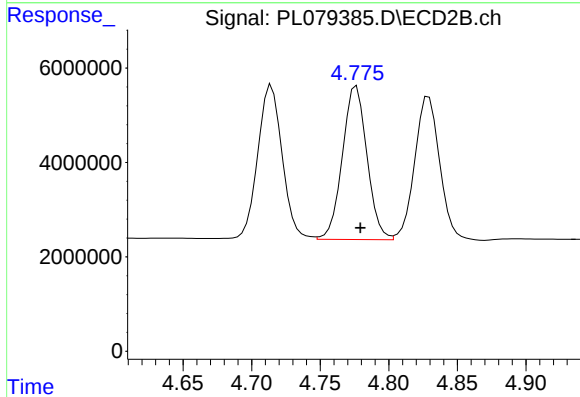
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 34339699
Conc: 13.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

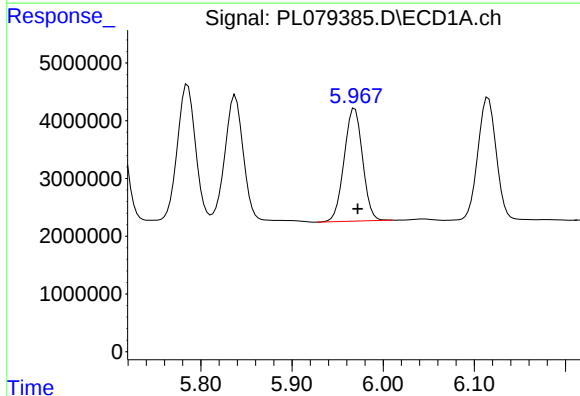
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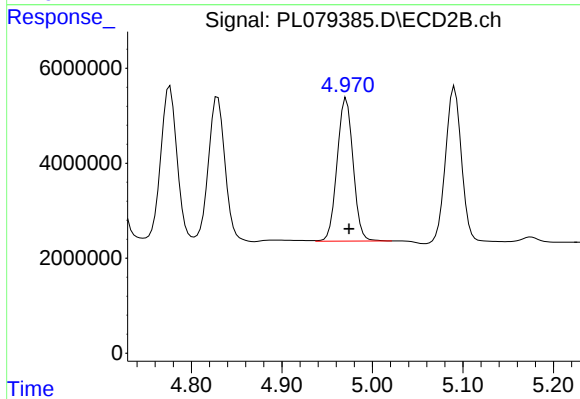
#11 alpha-Chlordane

R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 40626119
Conc: 13.31 ng/ml



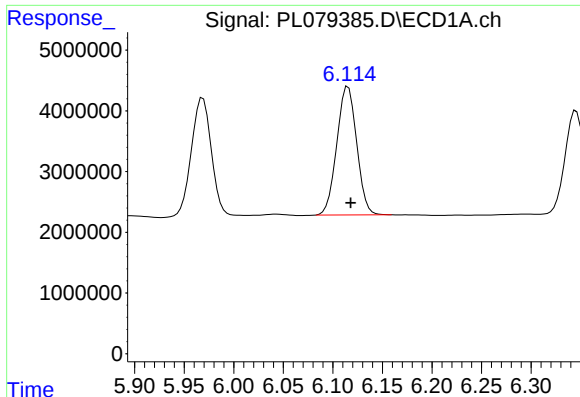
#12 4,4'-DDE

R.T.: 5.969 min
Delta R.T.: -0.003 min
Response: 27460321
Conc: 12.02 ng/ml



#12 4,4'-DDE

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 36912553
Conc: 12.89 ng/ml



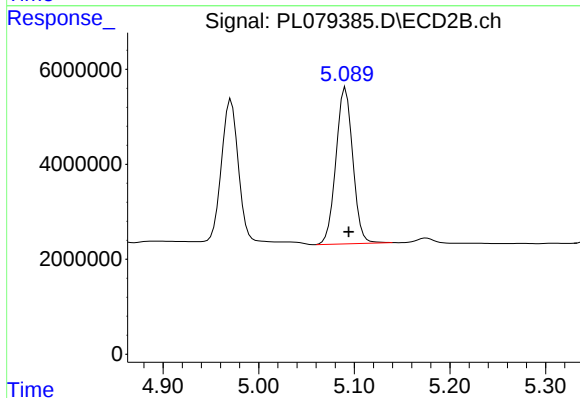
#13 Dieldrin

R.T.: 6.115 min
Delta R.T.: -0.003 min
Response: 29559022
Conc: 12.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

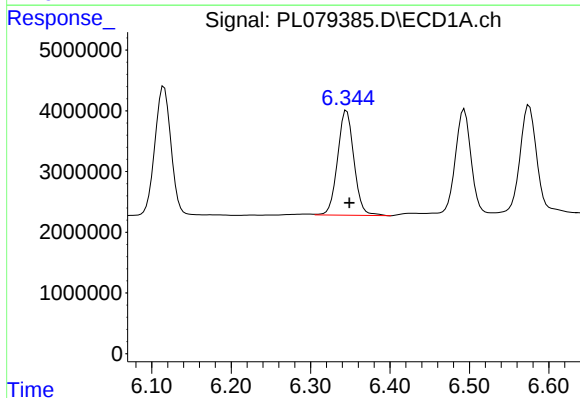
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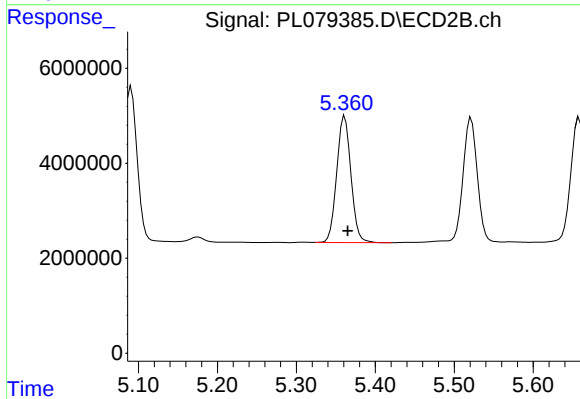
#13 Dieldrin

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 40303580
Conc: 13.11 ng/ml



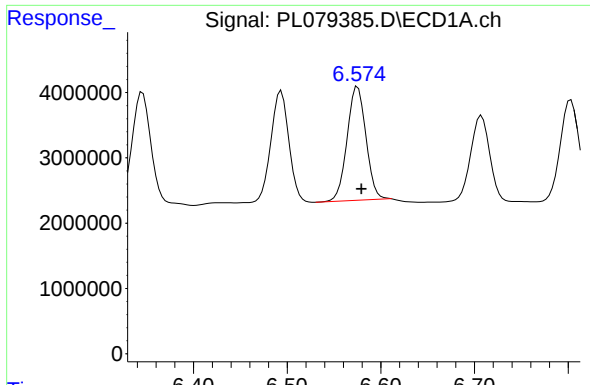
#14 Endrin

R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 24758280
Conc: 11.19 ng/ml



#14 Endrin

R.T.: 5.361 min
Delta R.T.: -0.004 min
Response: 33294381
Conc: 12.75 ng/ml



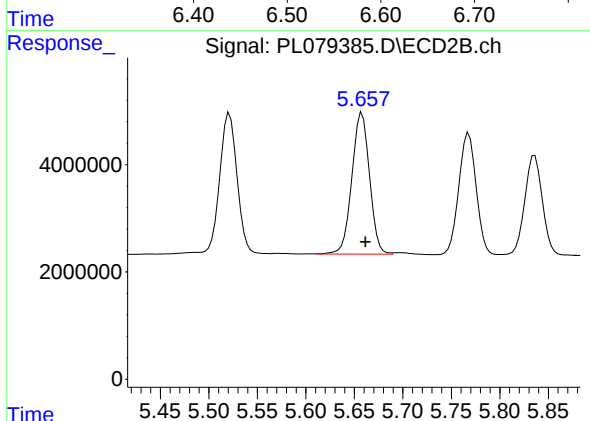
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 24371316
Conc: 10.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

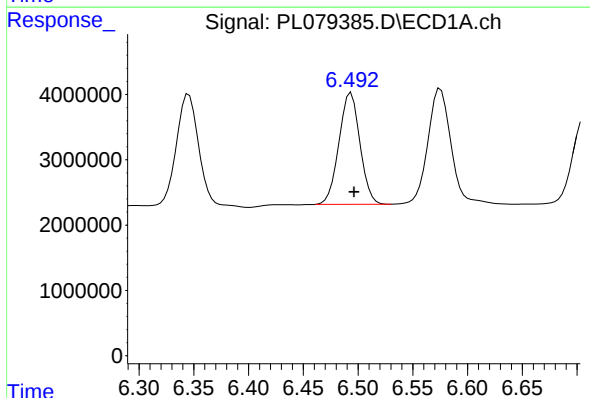
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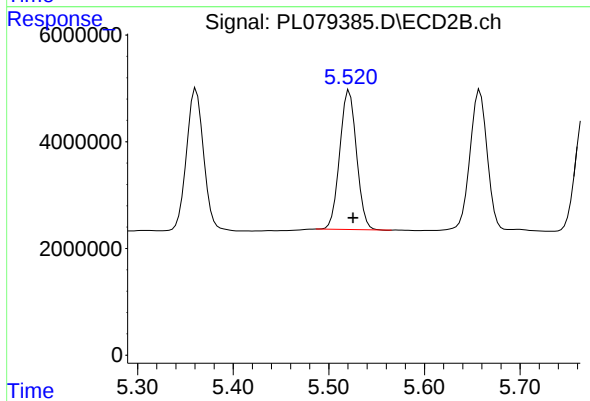
#15 Endosulfan II

R.T.: 5.657 min
Delta R.T.: -0.005 min
Response: 33336733
Conc: 12.45 ng/ml m



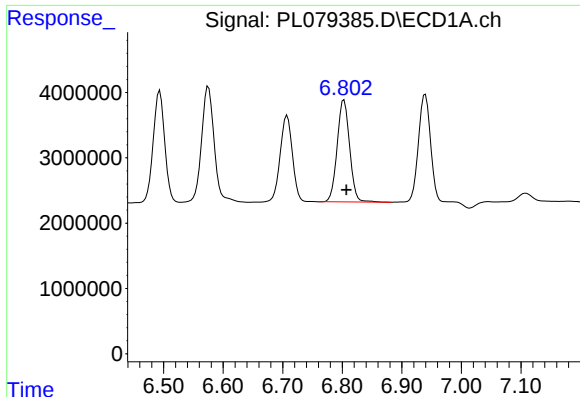
#16 4,4'-DDD

R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 22807044
Conc: 12.99 ng/ml



#16 4,4'-DDD

R.T.: 5.521 min
Delta R.T.: -0.004 min
Response: 31860416
Conc: 13.62 ng/ml



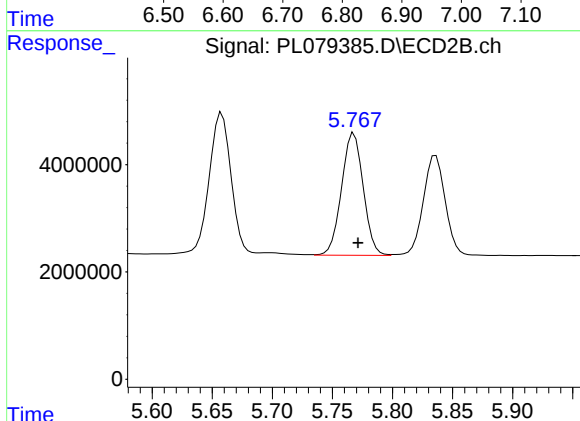
#17 4,4'-DDT

R.T.: 6.803 min
Delta R.T.: -0.004 min
Response: 22671644
Conc: 10.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

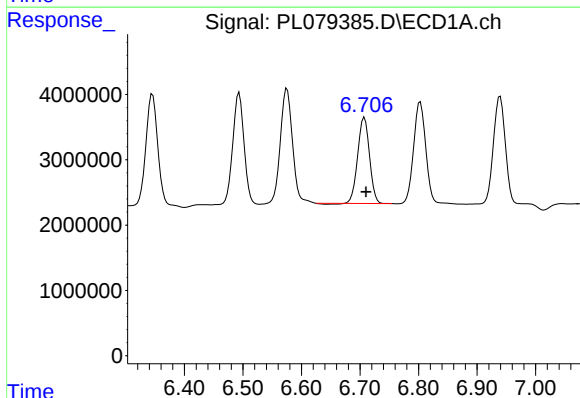
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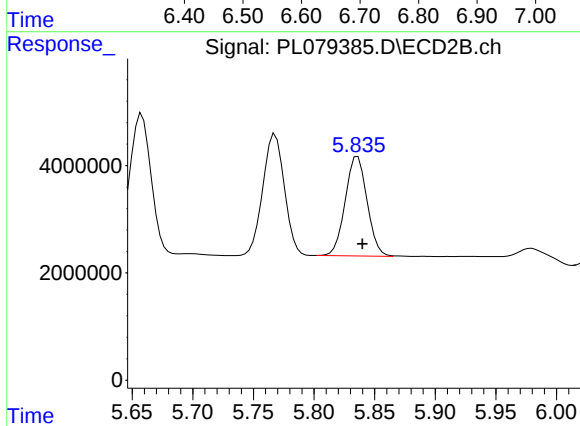
#17 4,4'-DDT

R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 28667659
Conc: 11.75 ng/ml m



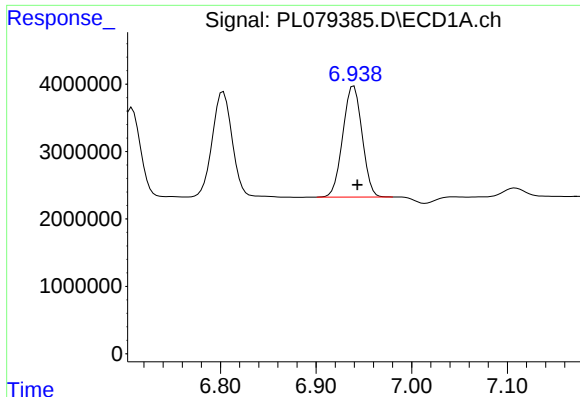
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 18390907
Conc: 11.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.835 min
Delta R.T.: -0.005 min
Response: 23306989
Conc: 11.17 ng/ml m



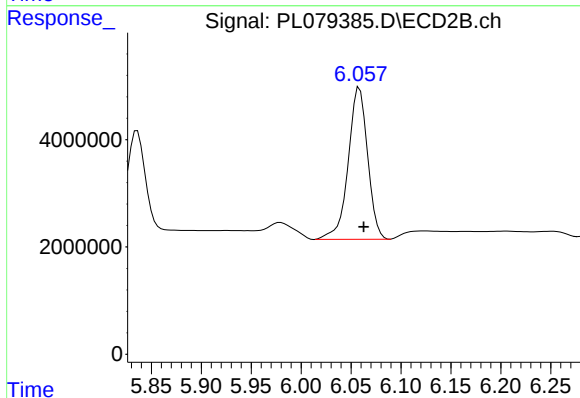
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 23172034
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

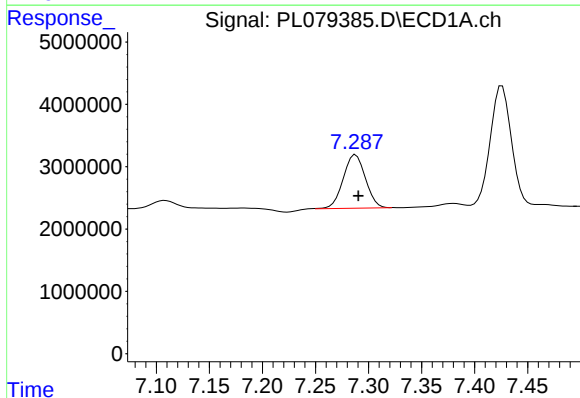
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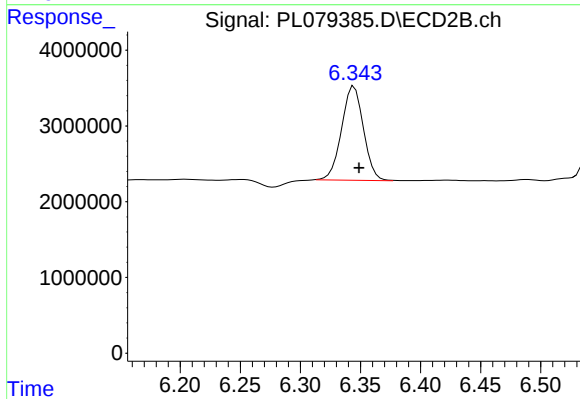
#19 Endosulfan Sulfate

R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 38319459
Conc: 14.69 ng/ml



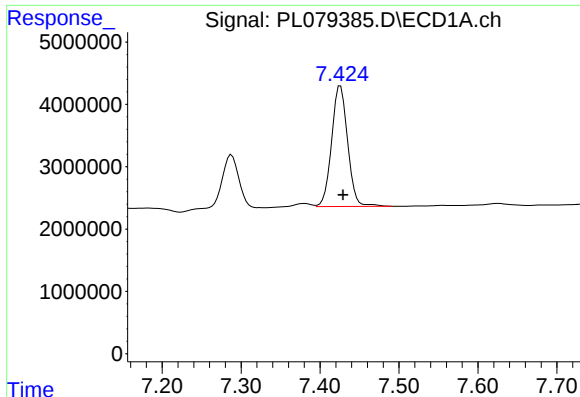
#20 Methoxychlor

R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 12503084
Conc: 11.73 ng/ml m



#20 Methoxychlor

R.T.: 6.343 min
Delta R.T.: -0.005 min
Response: 15759683
Conc: 11.93 ng/ml m



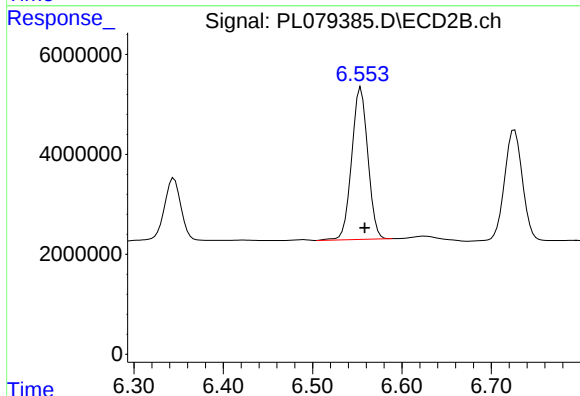
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: -0.003 min
Response: 27358132
Conc: 13.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

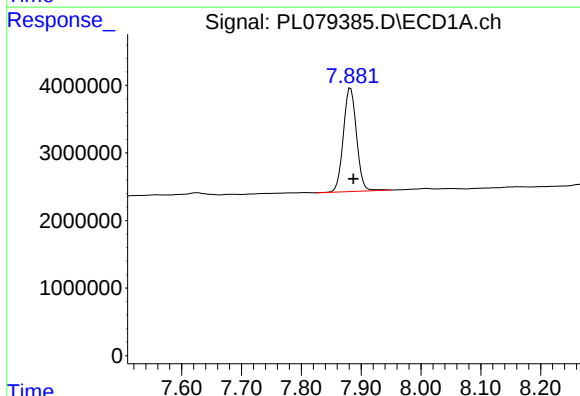
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/23/2022
Supervised By :Ankita Jodhani 11/23/2022



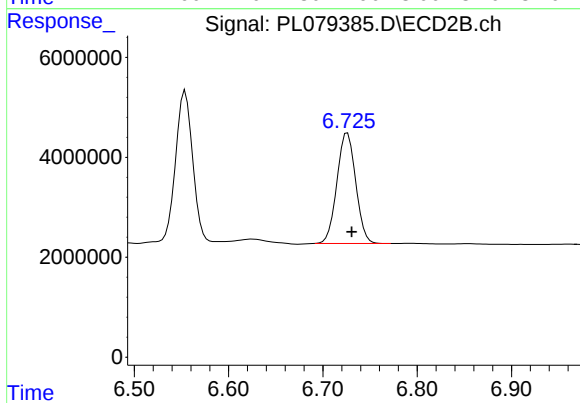
#21 Endrin ketone

R.T.: 6.554 min
Delta R.T.: -0.004 min
Response: 38149646
Conc: 13.49 ng/ml



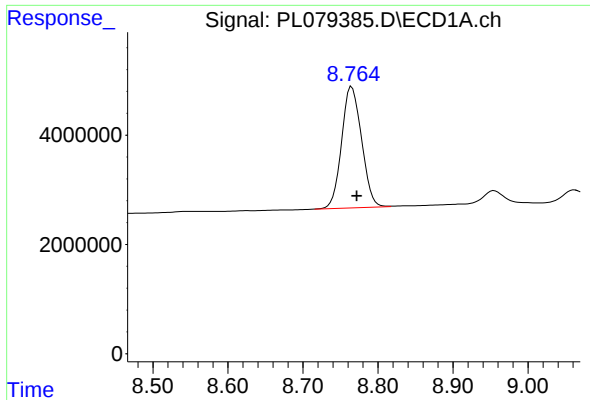
#22 Mirex

R.T.: 7.882 min
Delta R.T.: -0.004 min
Response: 23473858
Conc: 14.74 ng/ml



#22 Mirex

R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 30690868
Conc: 14.48 ng/ml



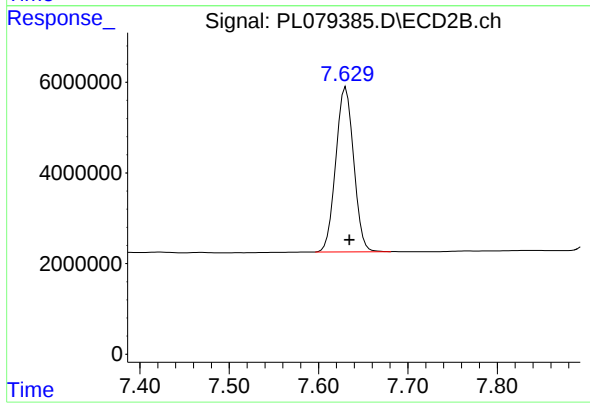
#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: -0.007 min
Response: 40986323
Conc: 24.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149154BS

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#28 Decachlorobiphenyl

R.T.: 7.631 min
Delta R.T.: -0.004 min
Response: 50579054
Conc: 24.38 ng/ml