

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101221\
 Data File : PL070263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2021 11:45
 Operator : AR\AJ
 Sample : M4156-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20-20211008-WCMS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 07:51:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 29 09:19:28 2021
 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...	4.625	5.564	4043646	12356545	8.081m	9.342
28)	SA Decachlor...	10.395	11.488	2247892	3271883	3.249	2.704
Target Compounds							
2)	A alpha-BHC	5.334	6.146	34555741	100.3E6	46.683	51.266
3)	MA gamma-BHC...	5.757	6.542	33535492	96251484	48.028	52.535
4)	MA Heptachlor	6.167	7.192	17342904	52156116	22.767	27.966
5)	MB Aldrin	6.492	7.563	15955266	42259469	22.104	24.526
6)	B beta-BHC	6.138	6.797	17420534	45667240	51.888	53.110
7)	B delta-BHC	6.399	7.065	34318113	99359664	49.641	51.333
8)	B Heptachlo...	7.068	8.030	19193247	46231868	27.371	29.830
9)	A Endosulfan I	7.471	8.436	18014644	42960840	26.956	29.200
10)	B gamma-Chl...	7.345	8.300	16727406	41184561	23.097	25.749
11)	B alpha-Chl...	7.415	8.381	16858528	39598305	23.147	25.108
12)	B 4,4'-DDE	7.629	8.567	12649488	32290412	19.875	20.848
13)	MA Dieldrin	7.758	8.725	17448403	42431324	25.395	27.796
14)	MA Endrin	8.049	8.965	16611351	35726821	26.287	28.442
15)	B Endosulfa...	8.359	9.198	19166340	41959104	30.213m	35.114m
16)	A 4,4'-DDD	8.215	9.108	13052882	29304061	23.273	24.808
17)	MA 4,4'-DDT	8.476	9.425	12305436	29920890	20.116	22.896
18)	B Endrin al...	8.548	9.334	23694849	49388716	47.824	51.205
19)	B Endosulfa...	8.779	9.571	21119823	41724581	32.012	34.095
20)	A Methoxychlor	9.070	9.912	8874881	15754541	23.768	24.345
21)	B Endrin ke...	9.299	10.070	26411022	48740829	34.564	36.438
22)	Mirex	9.484	10.536	12859403	19413282	19.496	19.706

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101221\
Data File : PL070263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Oct 2021 11:45
Operator : AR\AJ
Sample : M4156-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

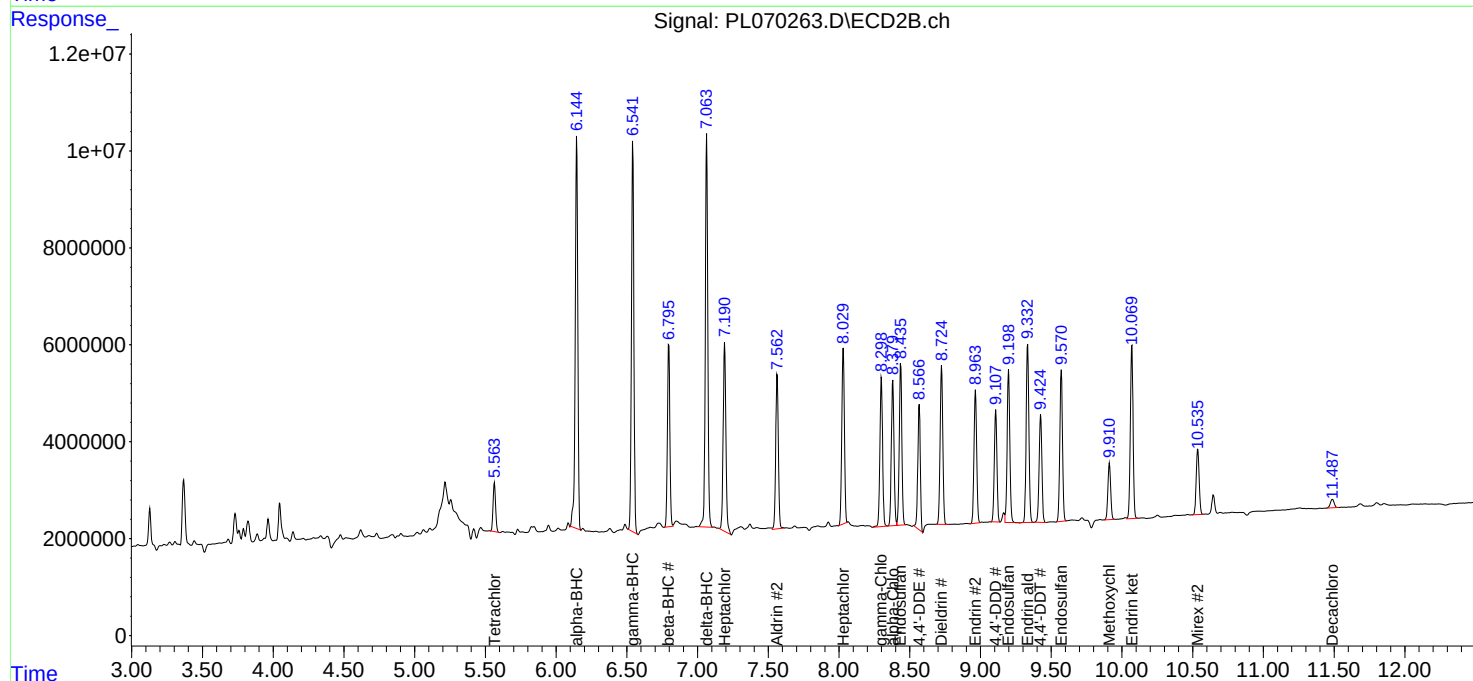
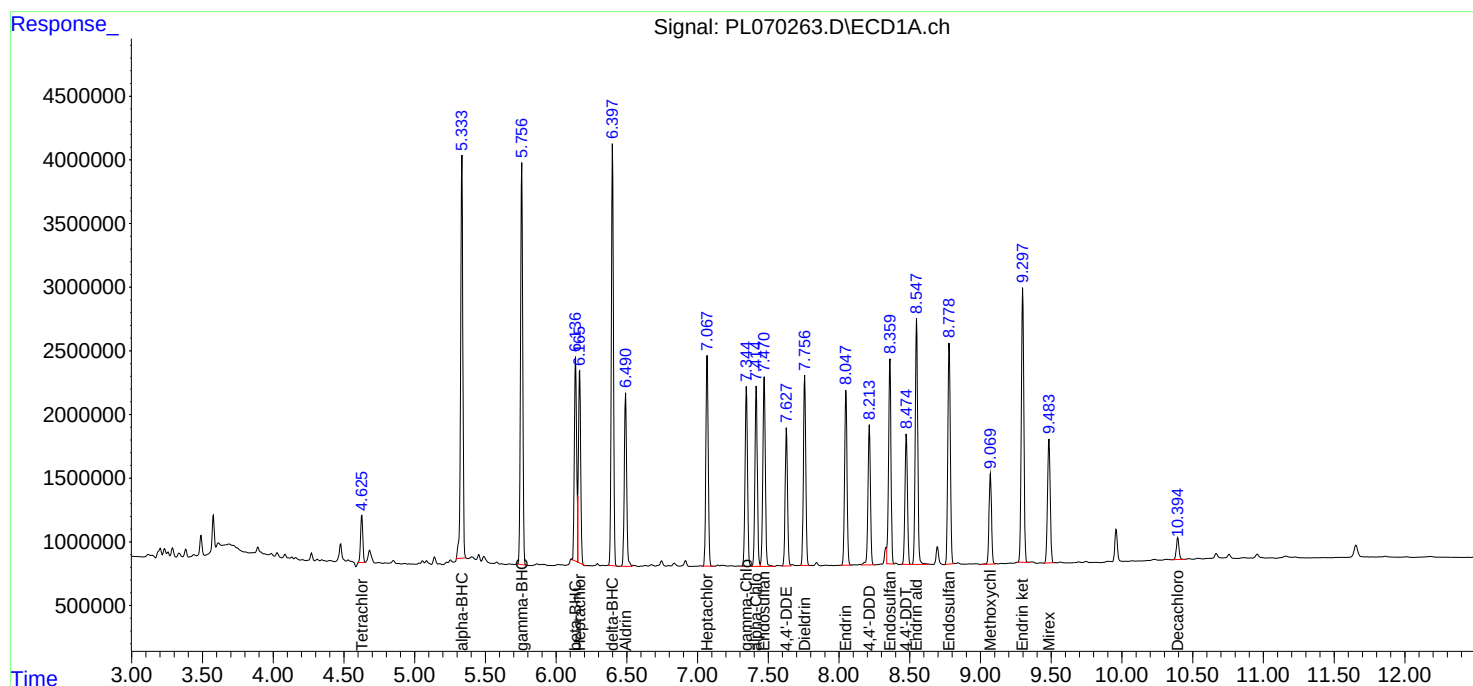
Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

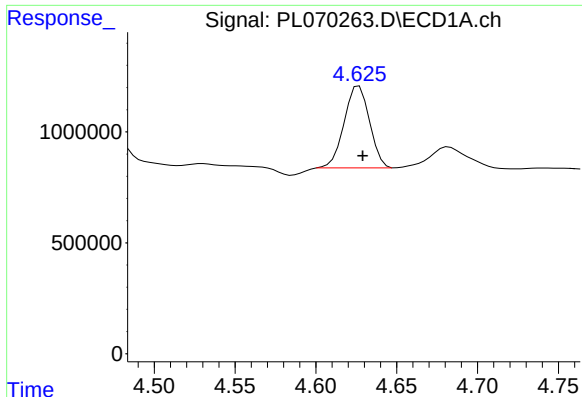
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 13 07:51:25 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
Response 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





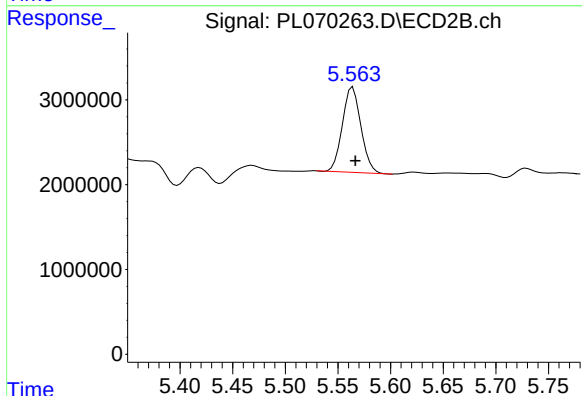
#1 Tetrachloro-m-xylene

R.T.: 4.625 min
Delta R.T.: -0.004 min
Response: 4043646
Conc: 8.08 ng/ml m

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

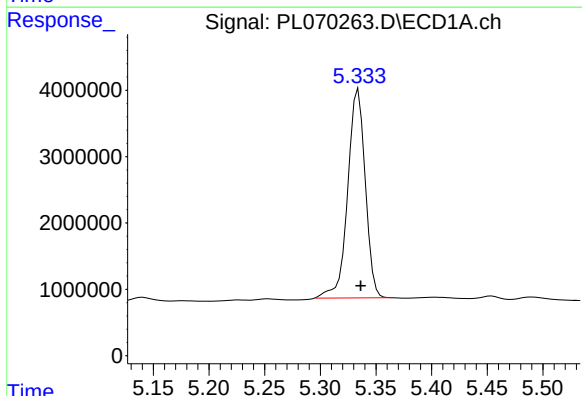
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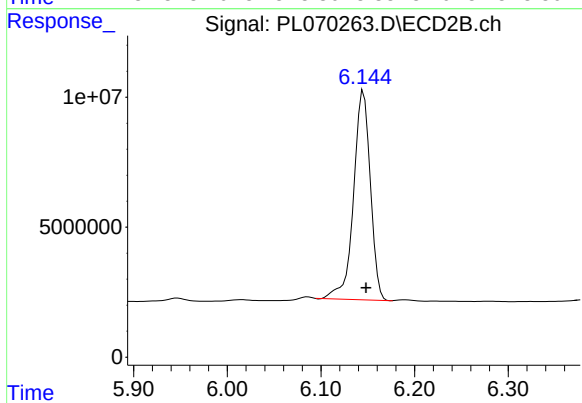
#1 Tetrachloro-m-xylene

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 12356545
Conc: 9.34 ng/ml



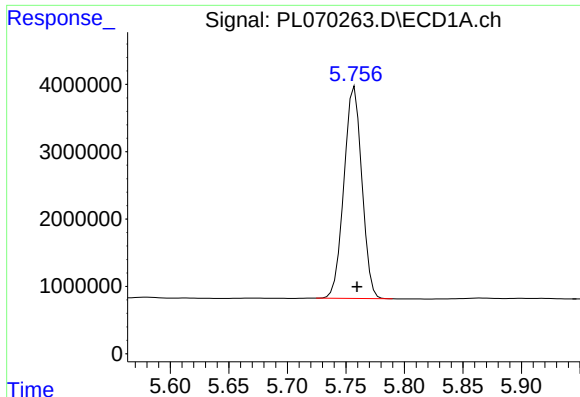
#2 alpha-BHC

R.T.: 5.334 min
Delta R.T.: -0.002 min
Response: 34555741
Conc: 46.68 ng/ml



#2 alpha-BHC

R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 100274017
Conc: 51.27 ng/ml



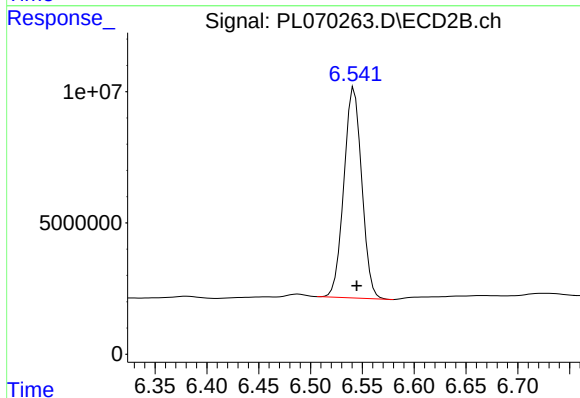
#3 gamma-BHC (Lindane)

R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 33535492
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
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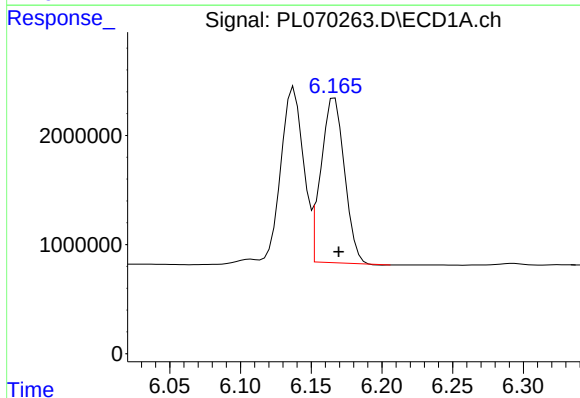
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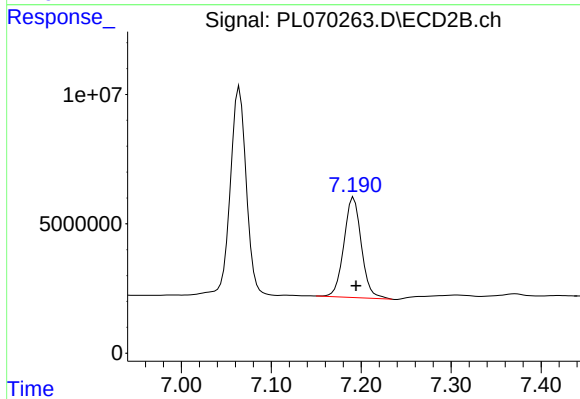
#3 gamma-BHC (Lindane)

R.T.: 6.542 min
Delta R.T.: -0.002 min
Response: 96251484
Conc: 52.53 ng/ml



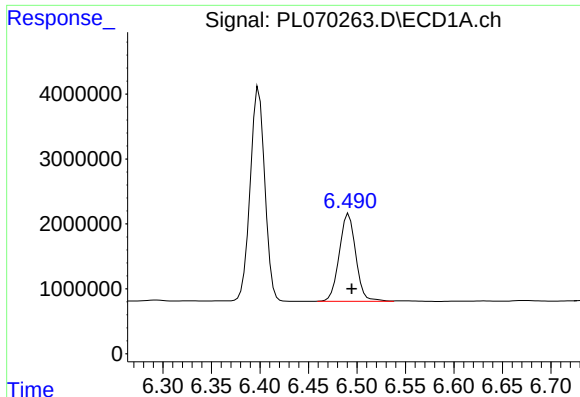
#4 Heptachlor

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 17342904
Conc: 22.77 ng/ml



#4 Heptachlor

R.T.: 7.192 min
Delta R.T.: -0.003 min
Response: 52156116
Conc: 27.97 ng/ml



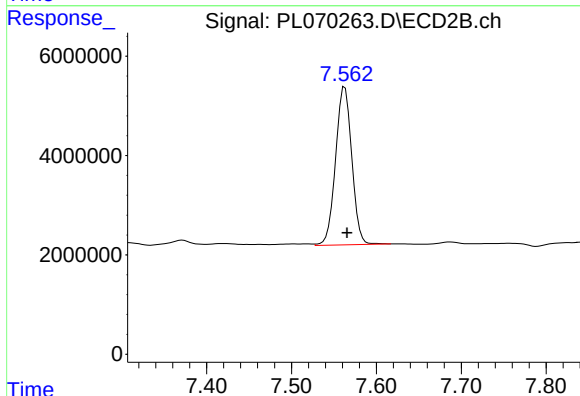
#5 Aldrin

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 15955266
Conc: 22.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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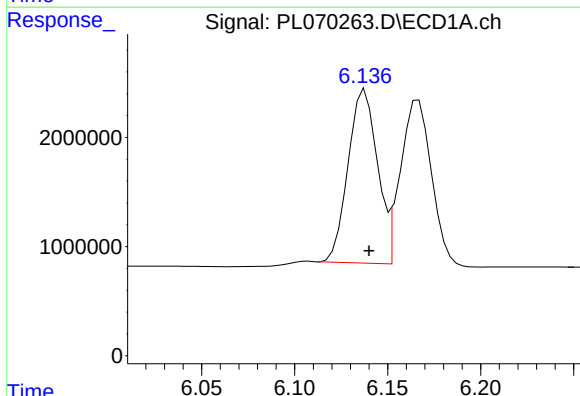
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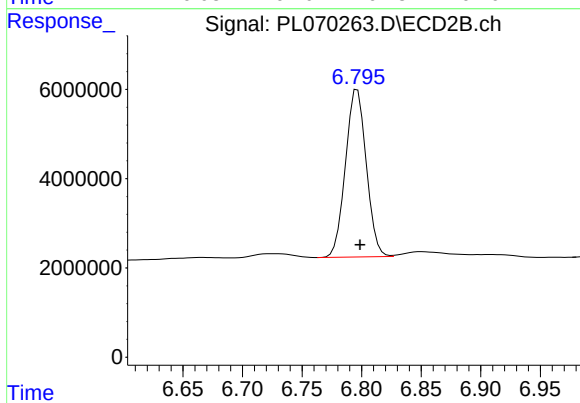
#5 Aldrin

R.T.: 7.563 min
Delta R.T.: -0.003 min
Response: 42259469
Conc: 24.53 ng/ml



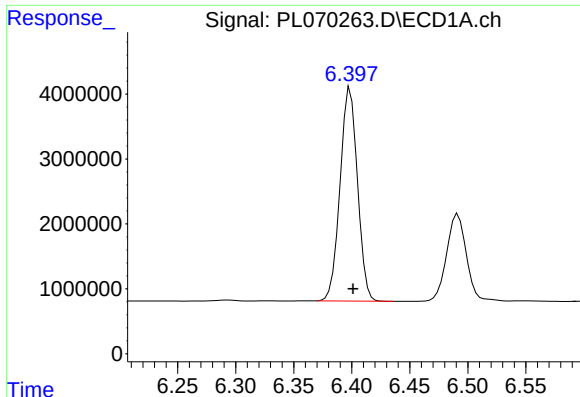
#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 17420534
Conc: 51.89 ng/ml



#6 beta-BHC

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 45667240
Conc: 53.11 ng/ml



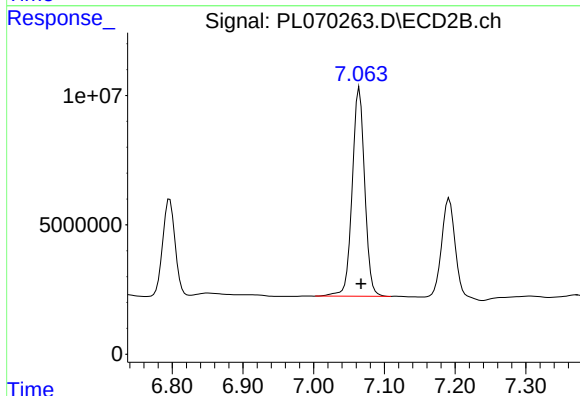
#7 delta-BHC

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 34318113
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

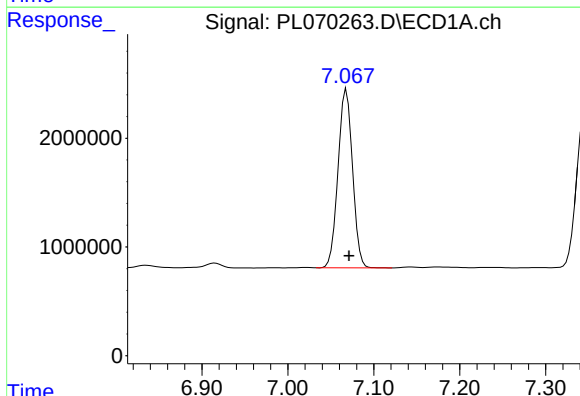
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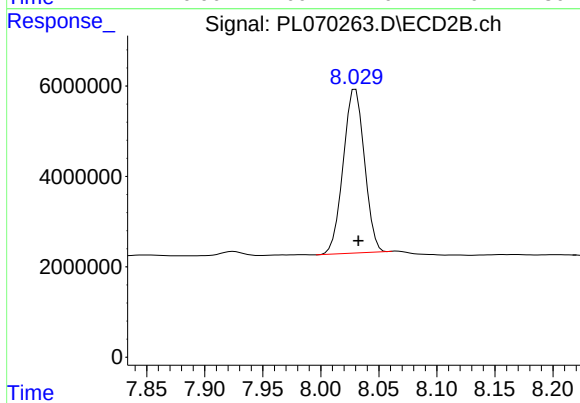
#7 delta-BHC

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 99359664
Conc: 51.33 ng/ml



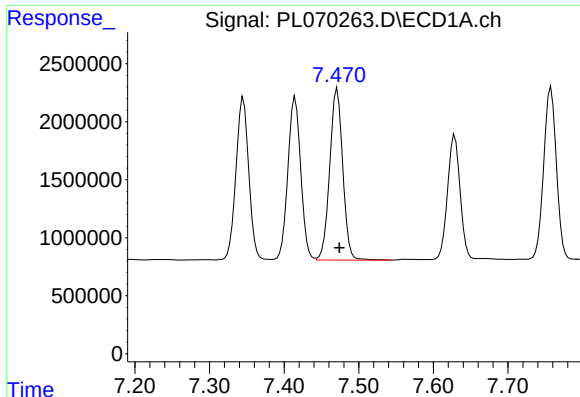
#8 Heptachlor epoxide

R.T.: 7.068 min
Delta R.T.: -0.003 min
Response: 19193247
Conc: 27.37 ng/ml



#8 Heptachlor epoxide

R.T.: 8.030 min
Delta R.T.: -0.002 min
Response: 46231868
Conc: 29.83 ng/ml



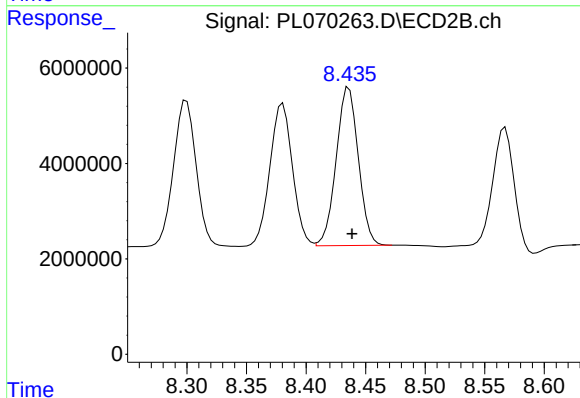
#9 Endosulfan I

R.T.: 7.471 min
Delta R.T.: -0.003 min
Response: 18014644
Conc: 26.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

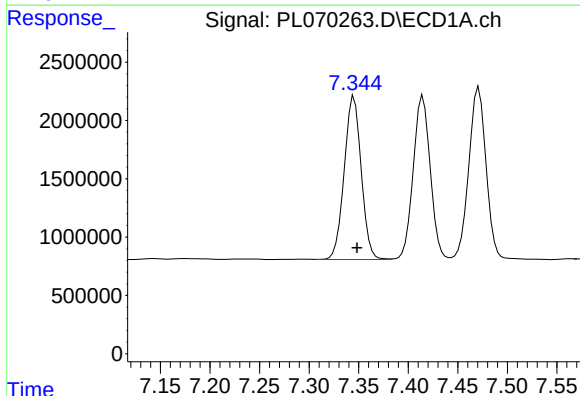
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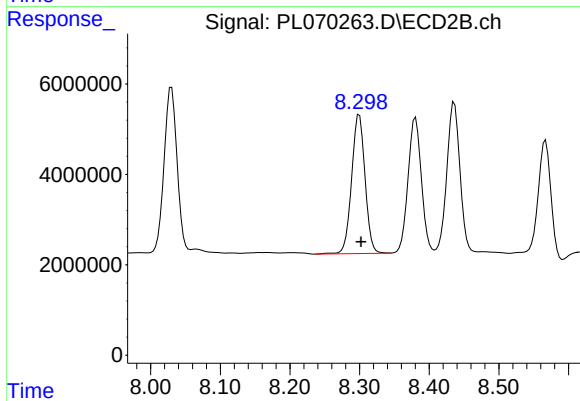
#9 Endosulfan I

R.T.: 8.436 min
Delta R.T.: -0.003 min
Response: 42960840
Conc: 29.20 ng/ml



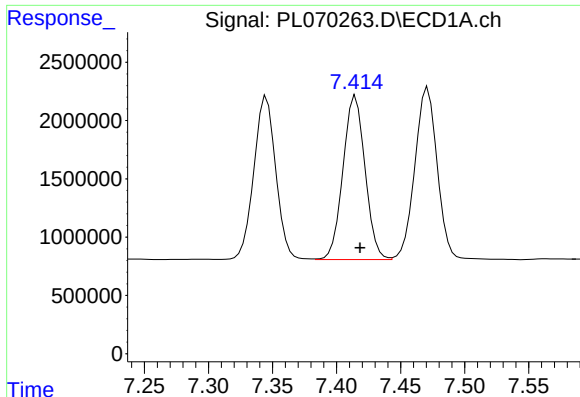
#10 gamma-Chlordane

R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 16727406
Conc: 23.10 ng/ml



#10 gamma-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.002 min
Response: 41184561
Conc: 25.75 ng/ml



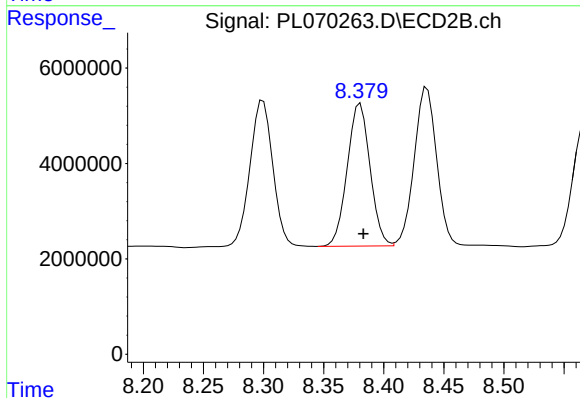
#11 alpha-Chlordane

R.T.: 7.415 min
Delta R.T.: -0.003 min
Response: 16858528
Conc: 23.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

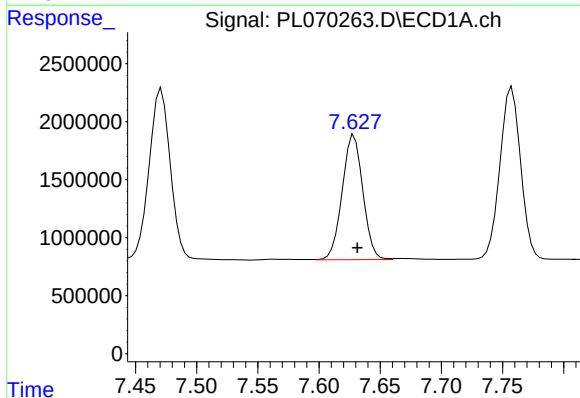
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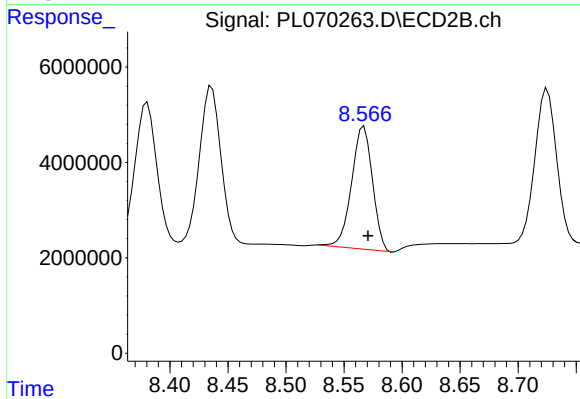
#11 alpha-Chlordane

R.T.: 8.381 min
Delta R.T.: -0.003 min
Response: 39598305
Conc: 25.11 ng/ml



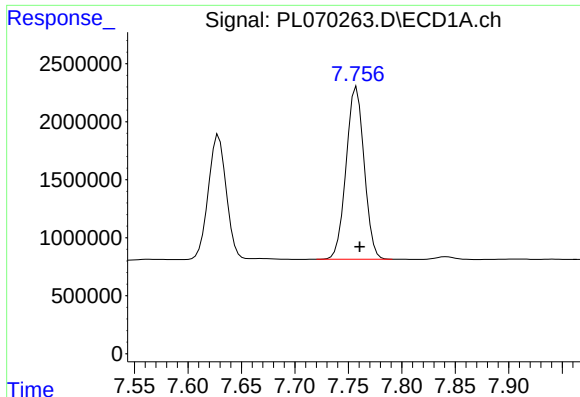
#12 4,4'-DDE

R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 12649488
Conc: 19.87 ng/ml



#12 4,4'-DDE

R.T.: 8.567 min
Delta R.T.: -0.004 min
Response: 32290412
Conc: 20.85 ng/ml



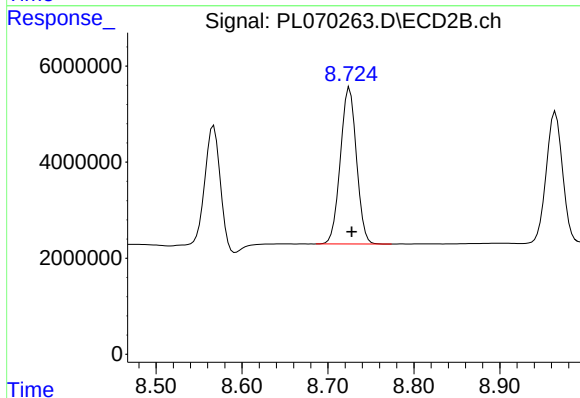
#13 Dieldrin

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 17448403
Conc: 25.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

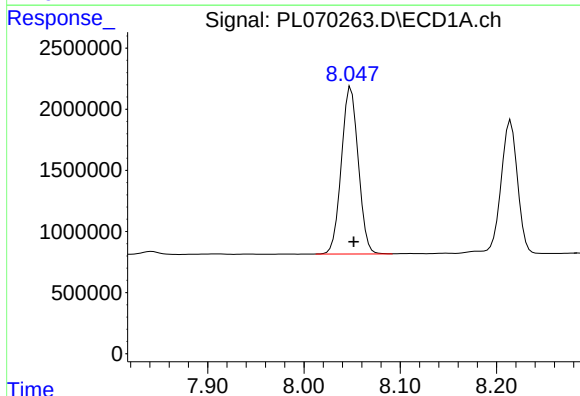
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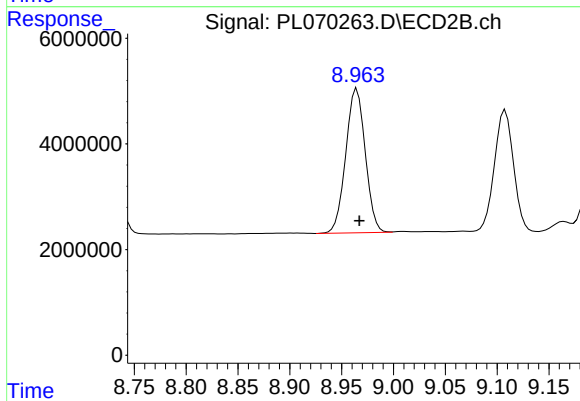
#13 Dieldrin

R.T.: 8.725 min
Delta R.T.: -0.003 min
Response: 42431324
Conc: 27.80 ng/ml



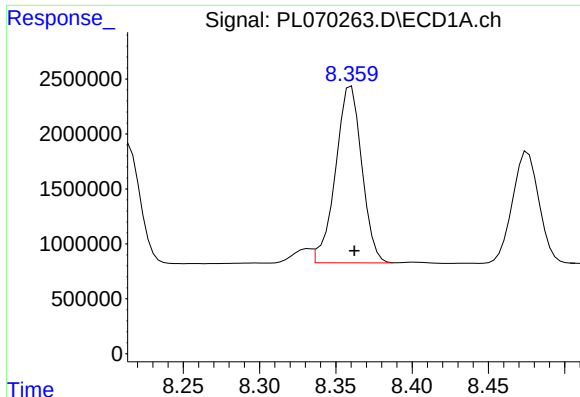
#14 Endrin

R.T.: 8.049 min
Delta R.T.: -0.003 min
Response: 16611351
Conc: 26.29 ng/ml



#14 Endrin

R.T.: 8.965 min
Delta R.T.: -0.002 min
Response: 35726821
Conc: 28.44 ng/ml



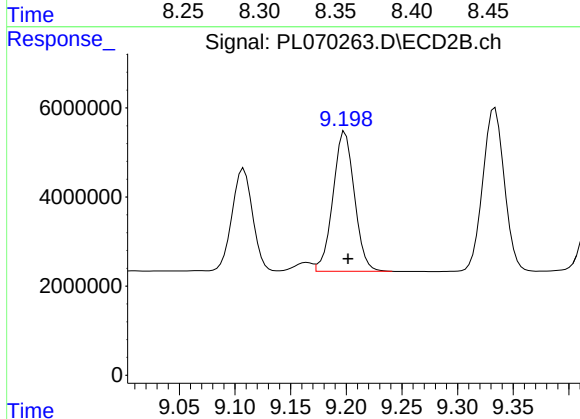
#15 Endosulfan II

R.T.: 8.359 min
Delta R.T.: -0.004 min
Response: 19166340
Conc: 30.21 ng/ml m

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

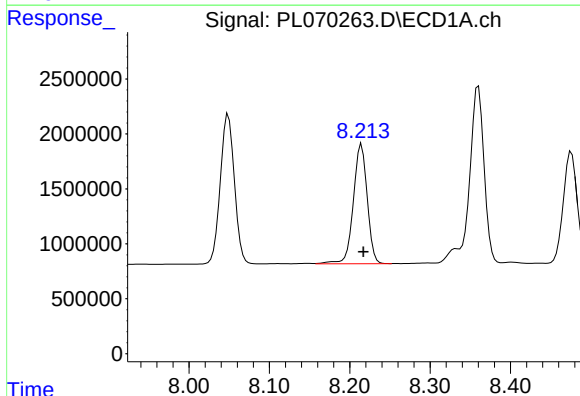
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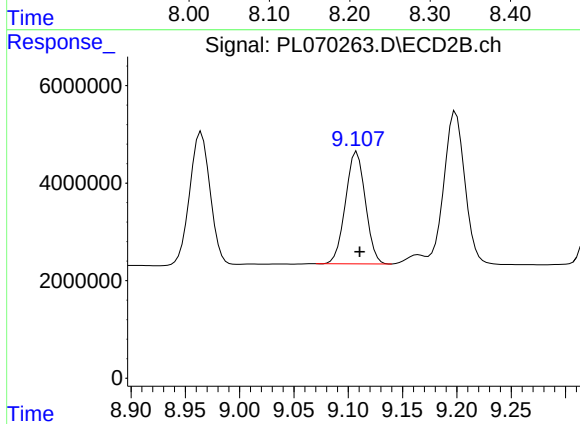
#15 Endosulfan II

R.T.: 9.198 min
Delta R.T.: -0.004 min
Response: 41959104
Conc: 35.11 ng/ml m



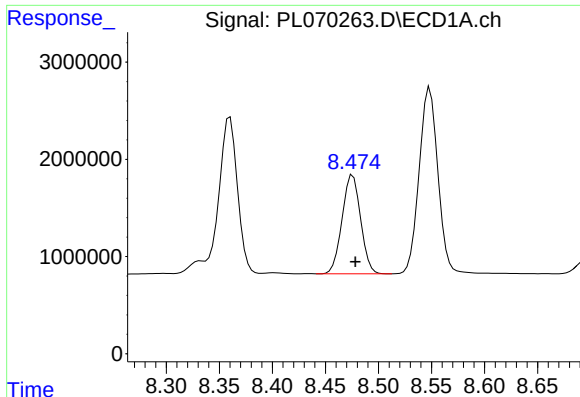
#16 4,4'-DDD

R.T.: 8.215 min
Delta R.T.: -0.002 min
Response: 13052882
Conc: 23.27 ng/ml



#16 4,4'-DDD

R.T.: 9.108 min
Delta R.T.: -0.003 min
Response: 29304061
Conc: 24.81 ng/ml



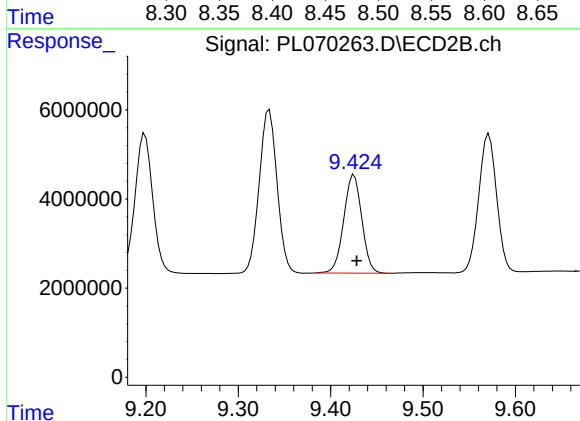
#17 4,4'-DDT

R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 12305436
Conc: 20.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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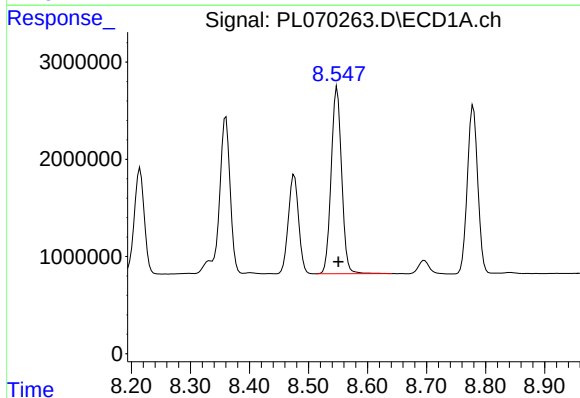
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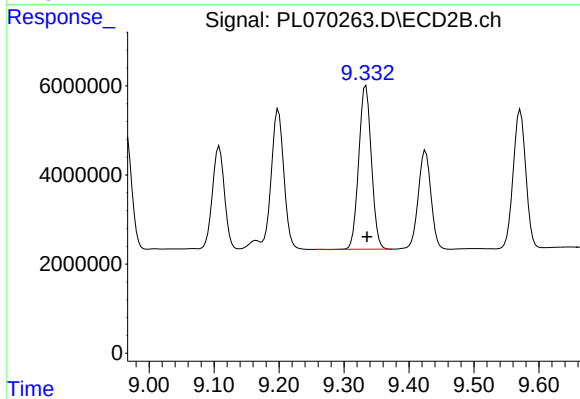
#17 4,4'-DDT

R.T.: 9.425 min
Delta R.T.: -0.003 min
Response: 29920890
Conc: 22.90 ng/ml



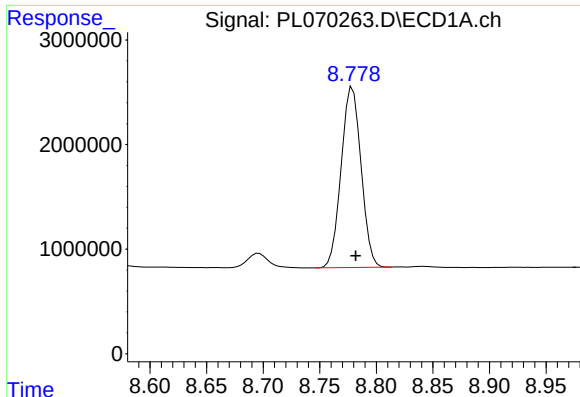
#18 Endrin aldehyde

R.T.: 8.548 min
Delta R.T.: -0.002 min
Response: 23694849
Conc: 47.82 ng/ml



#18 Endrin aldehyde

R.T.: 9.334 min
Delta R.T.: -0.002 min
Response: 49388716
Conc: 51.20 ng/ml



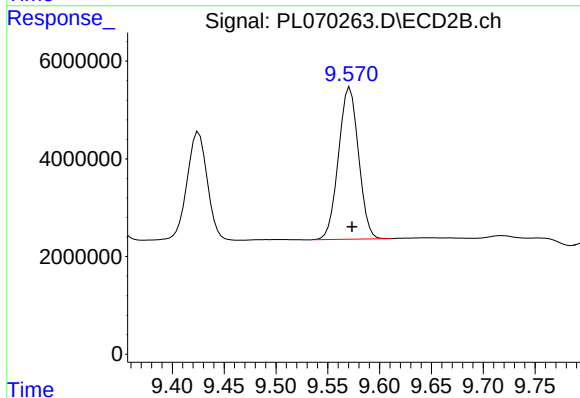
#19 Endosulfan Sulfate

R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 21119823
Conc: 32.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

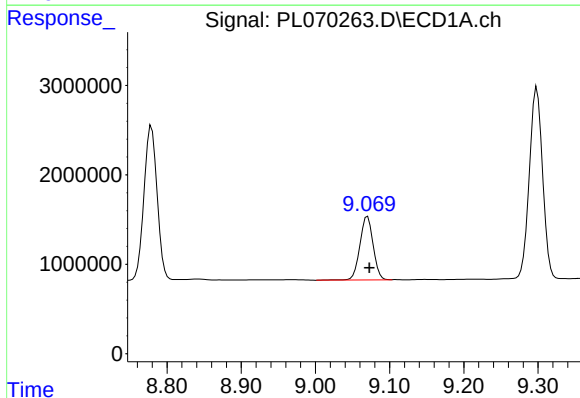
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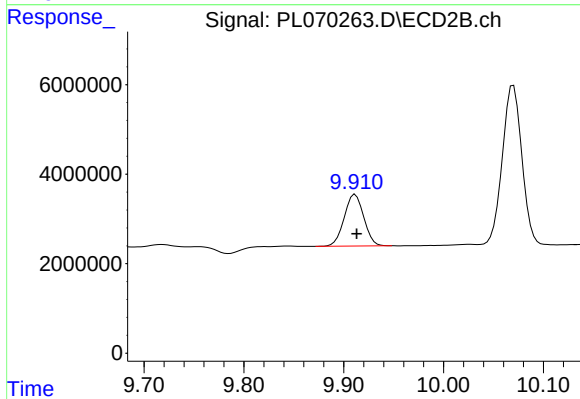
#19 Endosulfan Sulfate

R.T.: 9.571 min
Delta R.T.: -0.002 min
Response: 41724581
Conc: 34.10 ng/ml



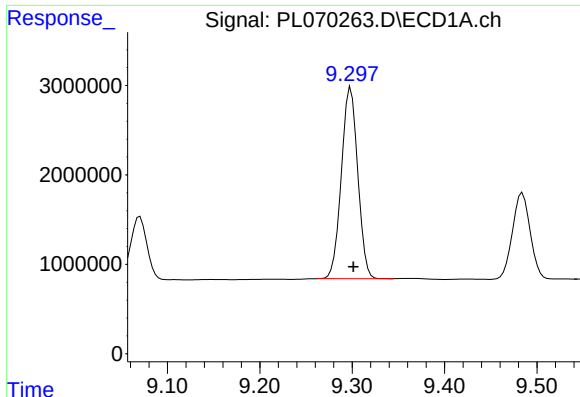
#20 Methoxychlor

R.T.: 9.070 min
Delta R.T.: -0.003 min
Response: 8874881
Conc: 23.77 ng/ml



#20 Methoxychlor

R.T.: 9.912 min
Delta R.T.: -0.001 min
Response: 15754541
Conc: 24.34 ng/ml



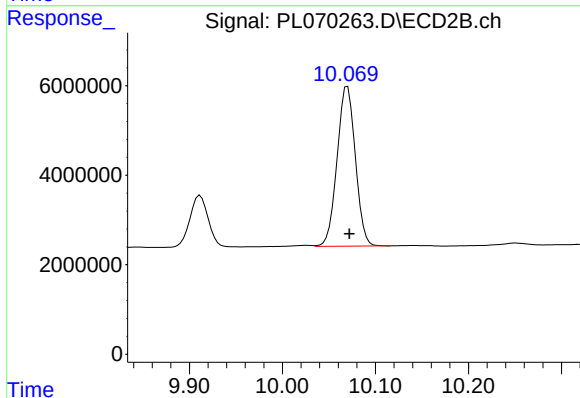
#21 Endrin ketone

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 26411022
Conc: 34.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
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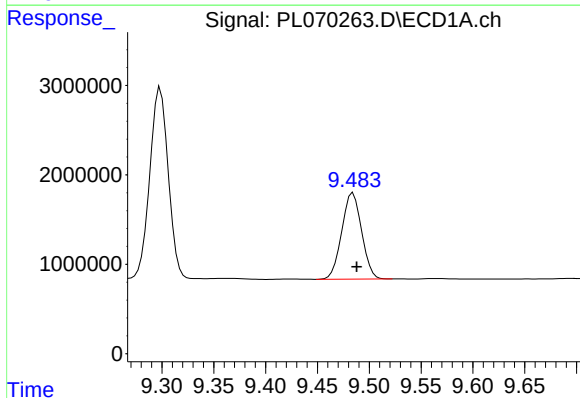
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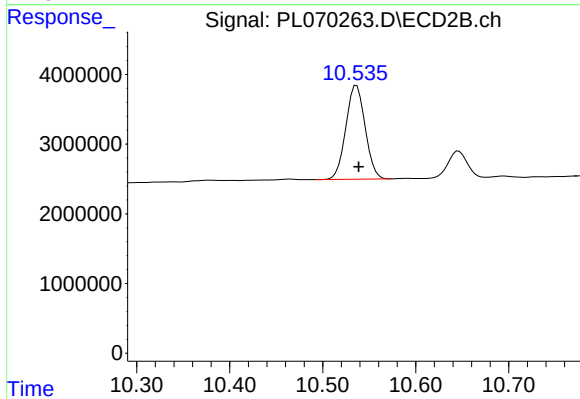
#21 Endrin ketone

R.T.: 10.070 min
Delta R.T.: -0.002 min
Response: 48740829
Conc: 36.44 ng/ml



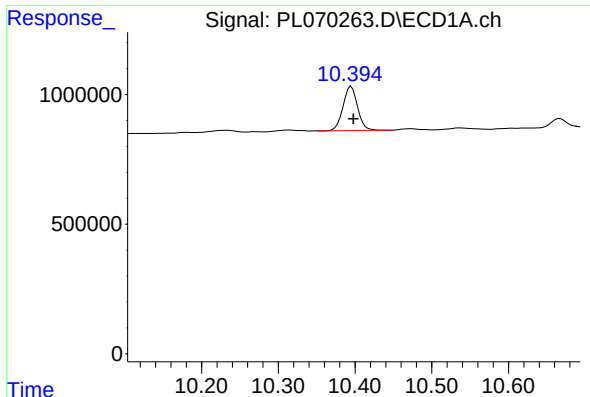
#22 Mirex

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 12859403
Conc: 19.50 ng/ml



#22 Mirex

R.T.: 10.536 min
Delta R.T.: -0.002 min
Response: 19413282
Conc: 19.71 ng/ml



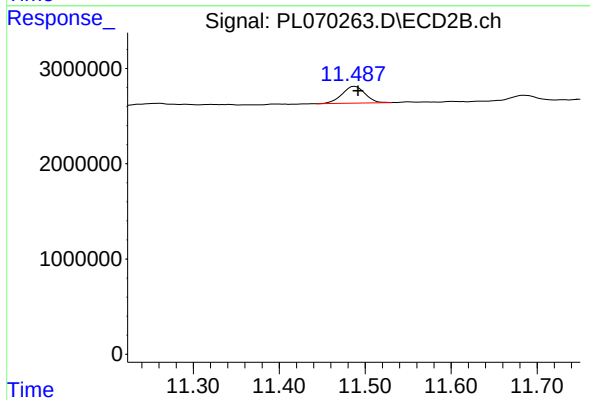
#28 Decachlorobiphenyl

R.T.: 10.395 min
Delta R.T.: -0.003 min
Response: 2247892
Conc: 3.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMS

Manual Integrations
APPROVED

mohammad
10/14/2021 9:24:55 AM



#28 Decachlorobiphenyl

R.T.: 11.488 min
Delta R.T.: -0.004 min
Response: 3271883
Conc: 2.70 ng/ml