

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101421\
 Data File : PL070294.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2021 14:45
 Operator : AR\AJ
 Sample : M4156-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20-20211008-WCMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 09:40:30 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...	4.633	5.564	6339911	16373789	12.670	12.380
2)	SA Decachlor...	10.398	11.491	4250516	7531618	6.143	6.224
Target Compounds							
2)	A alpha-BHC	5.340	6.146	34542548	91717923	46.666	46.892
3)	MA gamma-BHC...	5.763	6.543	33499211	90423937	47.976	49.354
4)	MA Heptachlor	6.173	7.192	18771461	50549977	24.642	27.105
5)	MB Aldrin	6.497	7.563	17211633	41484617	23.845	24.076
6)	B beta-BHC	6.144	6.797	17620025	41752652	52.482	48.558
7)	B delta-BHC	6.404	7.066	34383642	90210711	49.735	46.606
8)	B Heptachlo...	7.073	8.030	20083982	43720604	28.641	28.210
9)	A Endosulfan I	7.476	8.436	19085092	41567059	28.558	28.253
10)	B gamma-Chl...	7.351	8.300	17918461	39090920	24.742	24.440
11)	B alpha-Chl...	7.420	8.381	18094622	38431520	24.844	24.368
12)	B 4,4'-DDE	7.633	8.568	14196195	32914543	22.305	21.251
13)	MA Dieldrin	7.762	8.726	18623817	41062778	27.106	26.900
14)	MA Endrin	8.053	8.966	17902277	35585958	28.330	28.330
15)	B Endosulfa...	8.364	9.199	20077987	42497356	31.650	35.564m
16)	A 4,4'-DDD	8.218	9.109	13932588	29233676	24.842	24.748
17)	MA 4,4'-DDT	8.480	9.427	13793060	31846929	22.548	24.370
18)	B Endrin al...	8.553	9.335	23858002	46645300	48.153	48.361
19)	B Endosulfa...	8.783	9.572	22004944	40977674	33.353	33.485
20)	A Methoxychlor	9.074	9.913	9775128	16308363	26.179	25.201
21)	B Endrin ke...	9.302	10.071	27051542	49346926	35.402	36.891
22)	Mirex	9.487	10.538	14033116	20943681	21.276	21.260

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101421\
Data File : PL070294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2021 14:45
Operator : AR\AJ
Sample : M4156-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

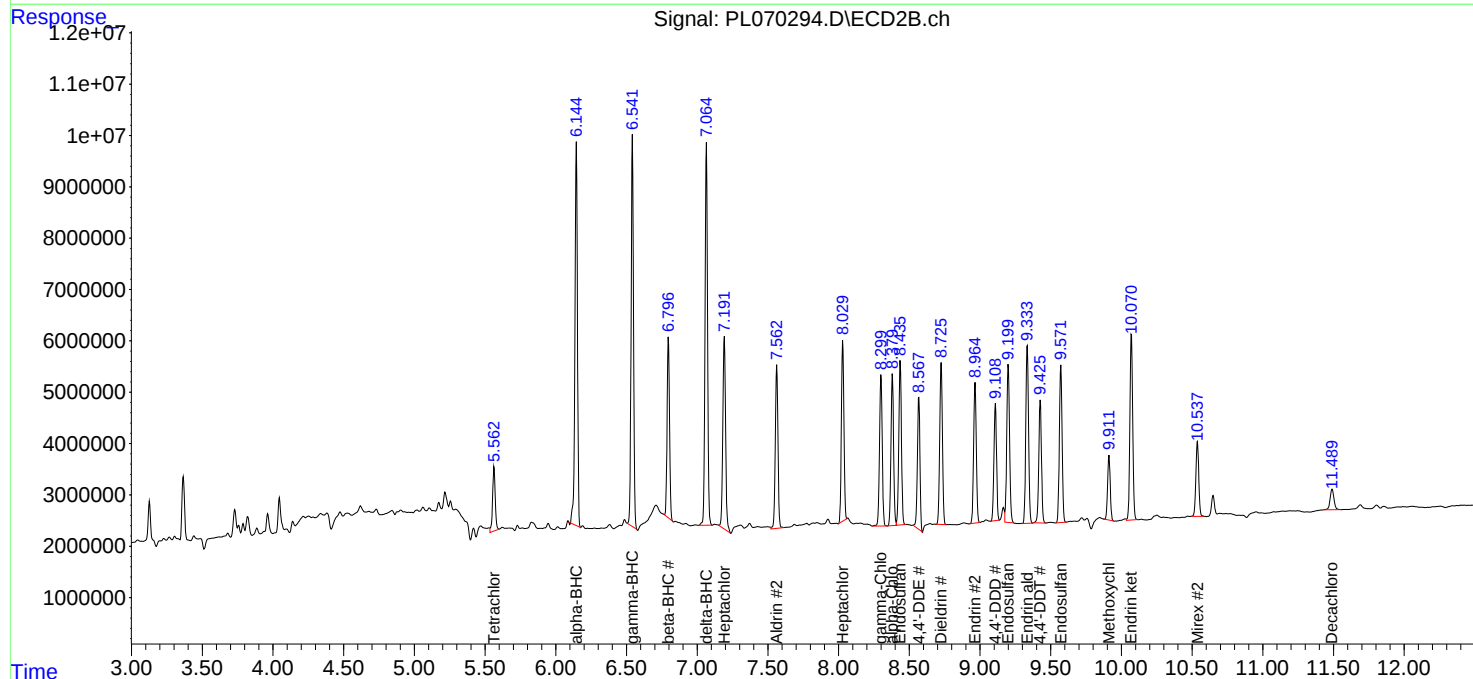
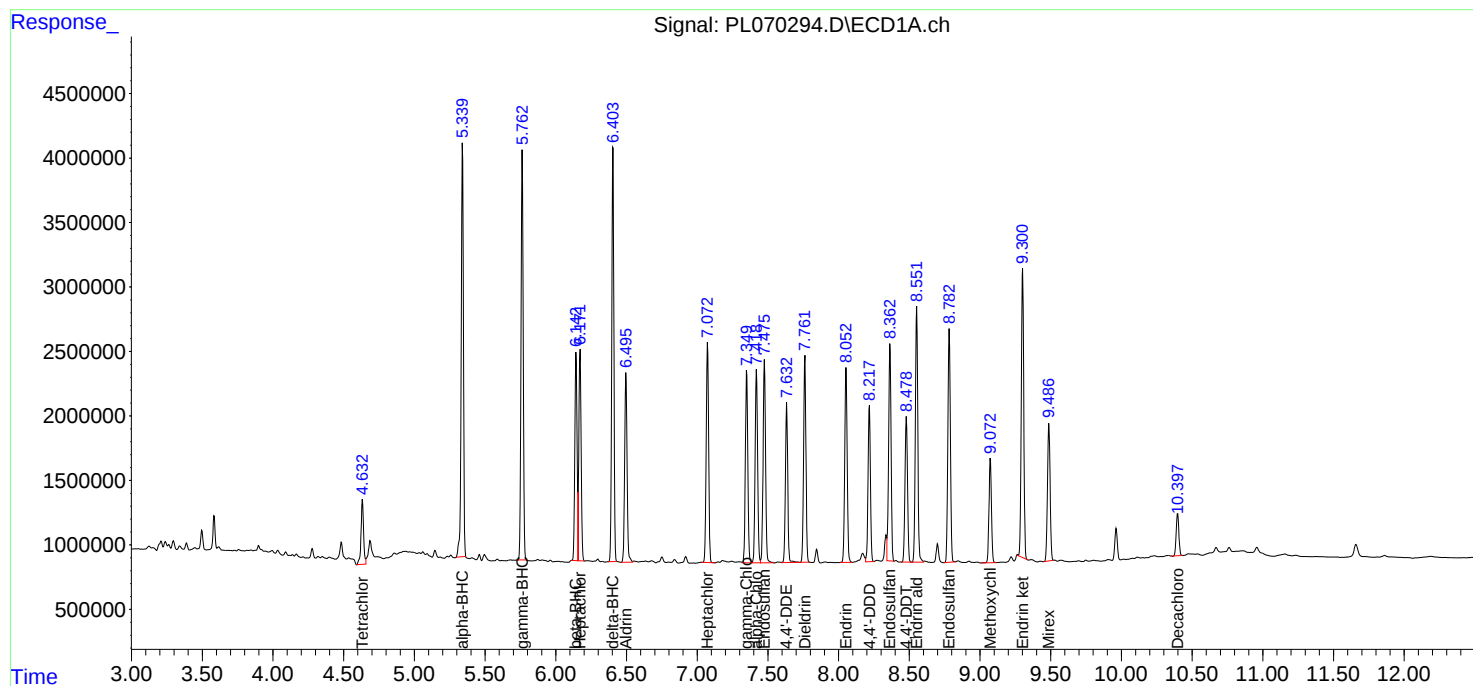
Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

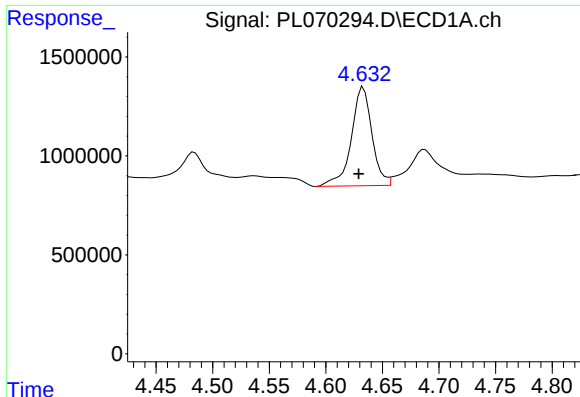
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 09:40:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
Response 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





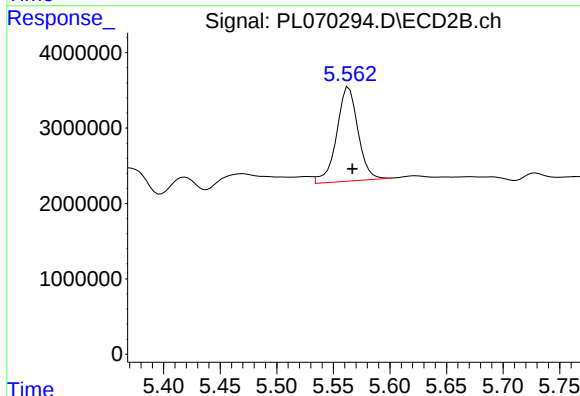
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: 0.004 min
Response: 6339911
Conc: 12.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

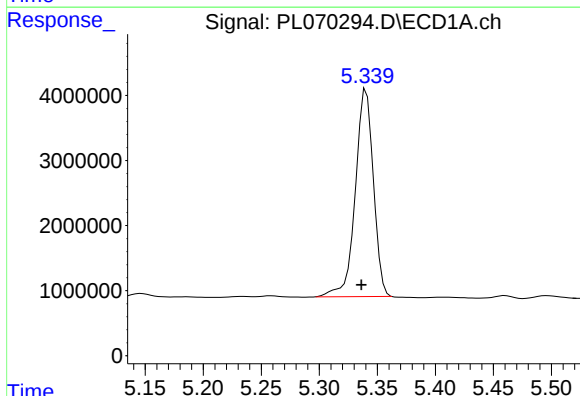
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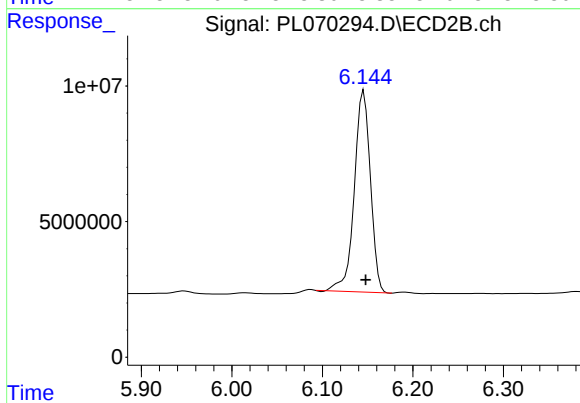
#1 Tetrachloro-m-xylene

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 16373789
Conc: 12.38 ng/ml



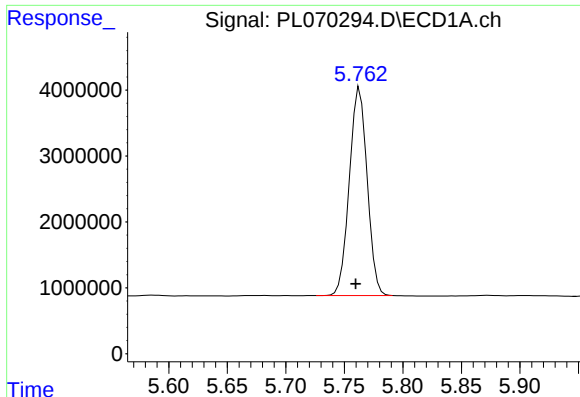
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.004 min
Response: 34542548
Conc: 46.67 ng/ml



#2 alpha-BHC

R.T.: 6.146 min
Delta R.T.: -0.002 min
Response: 91717923
Conc: 46.89 ng/ml



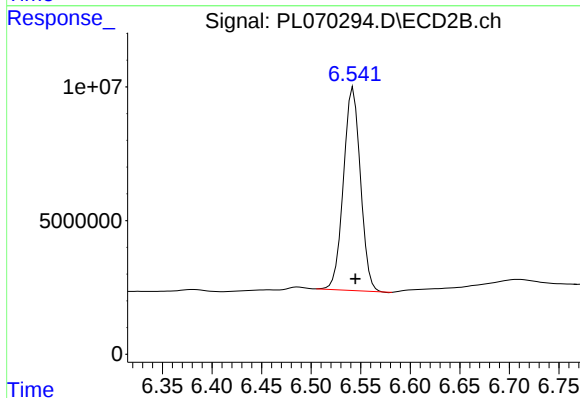
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: 0.003 min
Response: 33499211
Conc: 47.98 ng/ml

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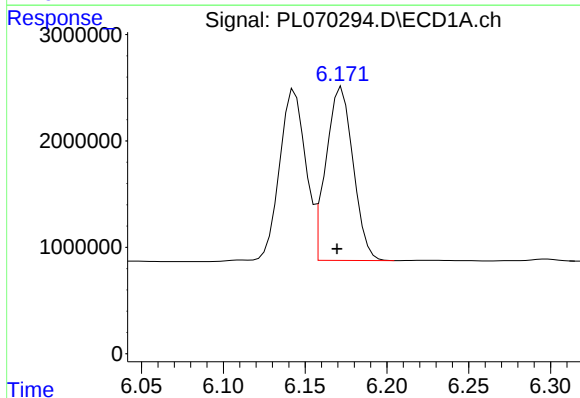
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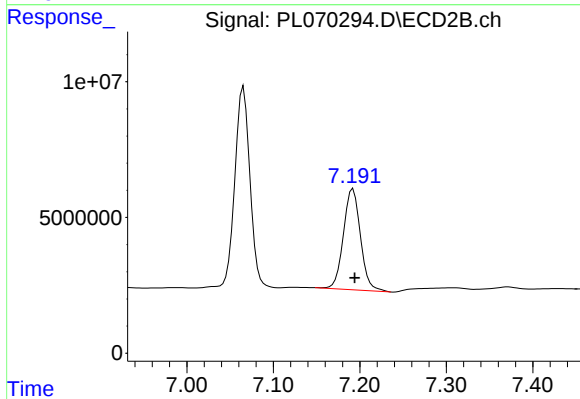
#3 gamma-BHC (Lindane)

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 90423937
Conc: 49.35 ng/ml



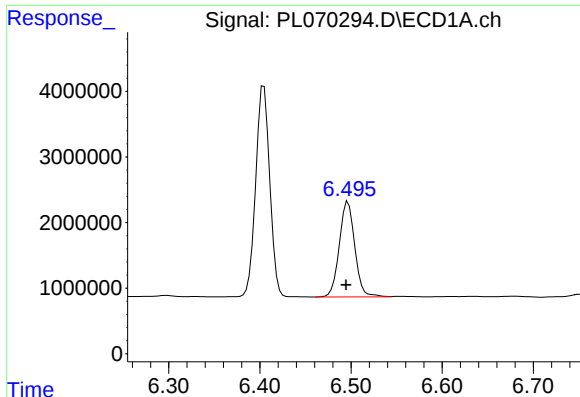
#4 Heptachlor

R.T.: 6.173 min
Delta R.T.: 0.003 min
Response: 18771461
Conc: 24.64 ng/ml



#4 Heptachlor

R.T.: 7.192 min
Delta R.T.: -0.002 min
Response: 50549977
Conc: 27.11 ng/ml



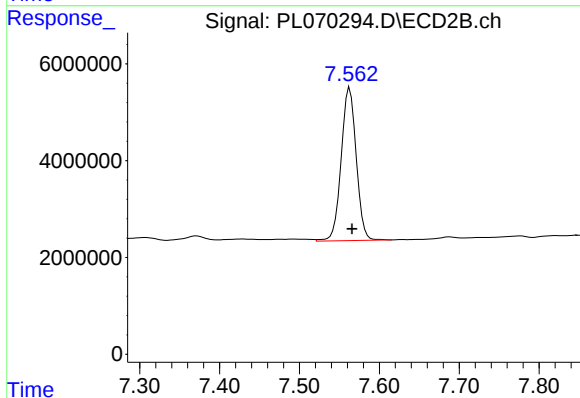
#5 Aldrin

R.T.: 6.497 min
Delta R.T.: 0.002 min
Response: 17211633
Conc: 23.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

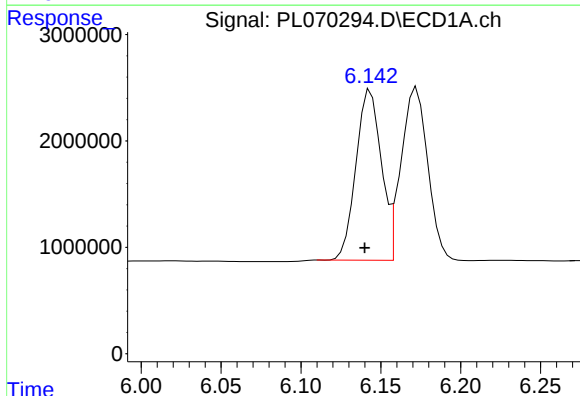
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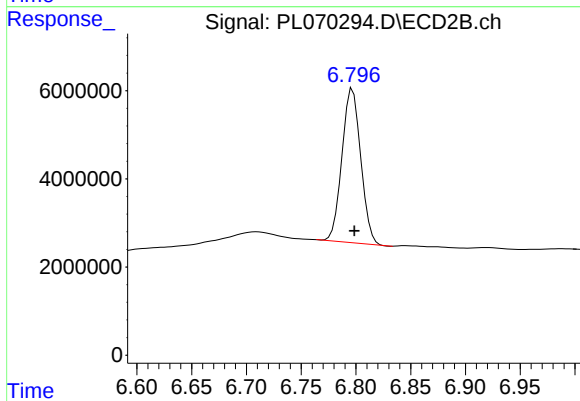
#5 Aldrin

R.T.: 7.563 min
Delta R.T.: -0.003 min
Response: 41484617
Conc: 24.08 ng/ml



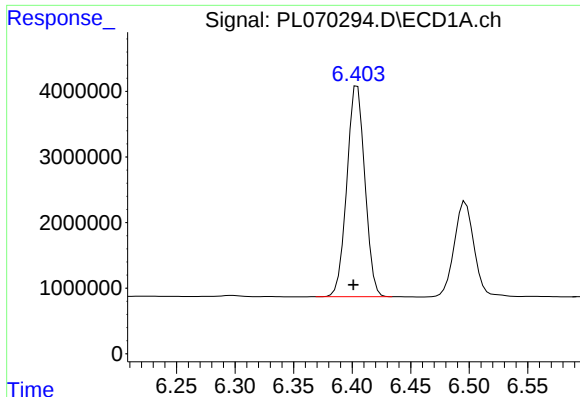
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: 0.004 min
Response: 17620025
Conc: 52.48 ng/ml



#6 beta-BHC

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 41752652
Conc: 48.56 ng/ml



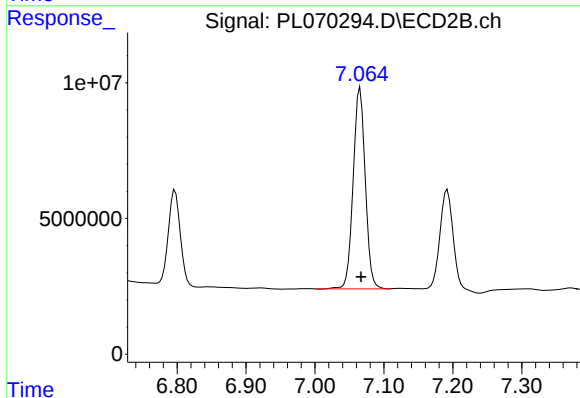
#7 delta-BHC

R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 34383642
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

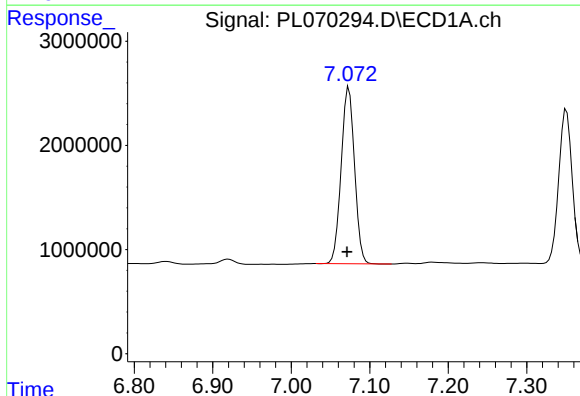
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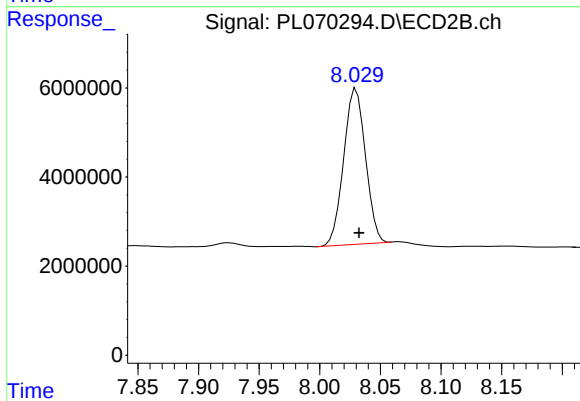
#7 delta-BHC

R.T.: 7.066 min
Delta R.T.: -0.001 min
Response: 90210711
Conc: 46.61 ng/ml



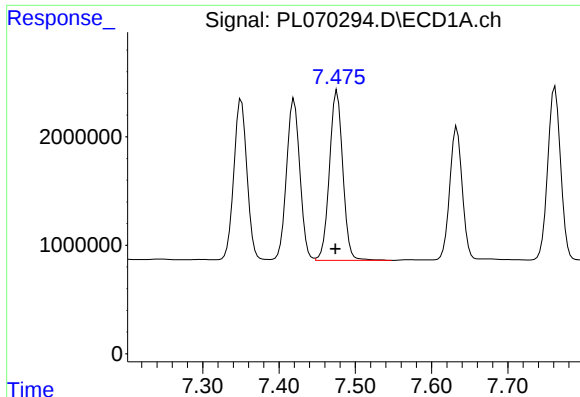
#8 Heptachlor epoxide

R.T.: 7.073 min
Delta R.T.: 0.002 min
Response: 20083982
Conc: 28.64 ng/ml



#8 Heptachlor epoxide

R.T.: 8.030 min
Delta R.T.: -0.002 min
Response: 43720604
Conc: 28.21 ng/ml



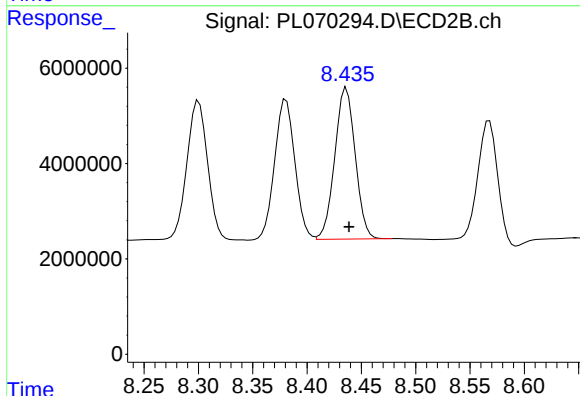
#9 Endosulfan I

R.T.: 7.476 min
Delta R.T.: 0.002 min
Response: 19085092
Conc: 28.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

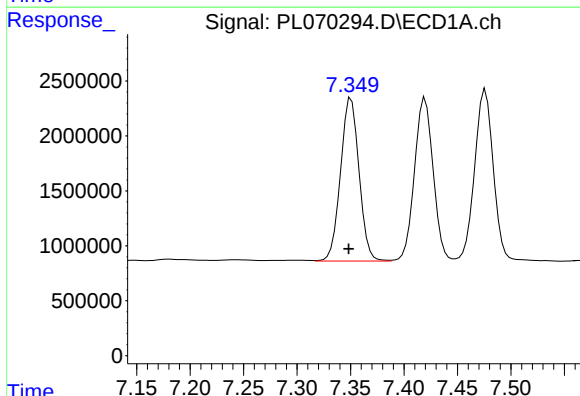
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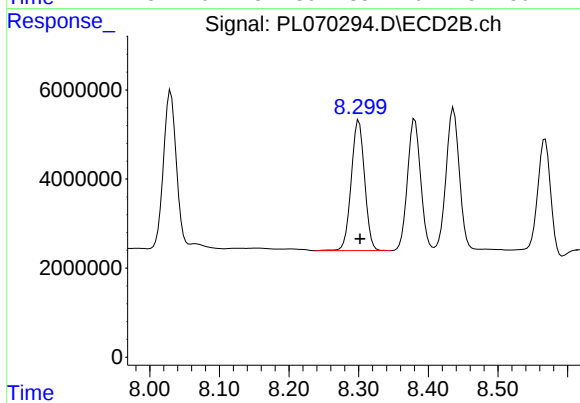
#9 Endosulfan I

R.T.: 8.436 min
Delta R.T.: -0.002 min
Response: 41567059
Conc: 28.25 ng/ml



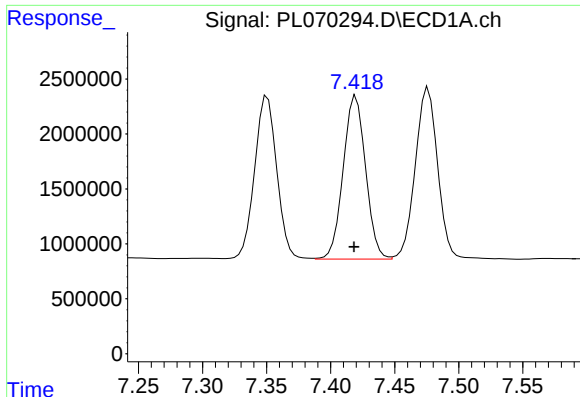
#10 gamma-Chlordane

R.T.: 7.351 min
Delta R.T.: 0.002 min
Response: 17918461
Conc: 24.74 ng/ml



#10 gamma-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.002 min
Response: 39090920
Conc: 24.44 ng/ml



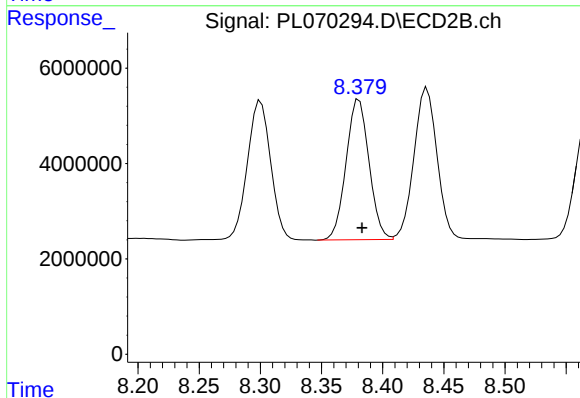
#11 alpha-Chlordane

R.T.: 7.420 min
Delta R.T.: 0.002 min
Response: 18094622
Conc: 24.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

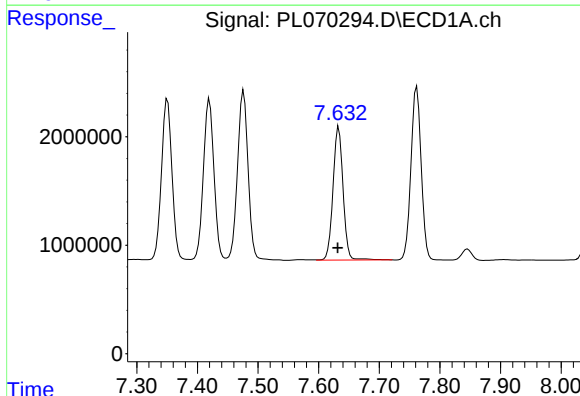
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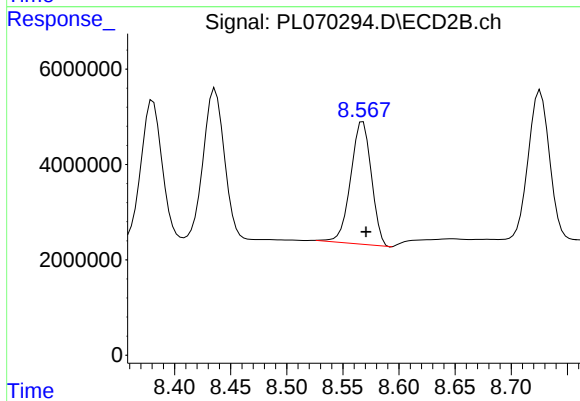
#11 alpha-Chlordane

R.T.: 8.381 min
Delta R.T.: -0.002 min
Response: 38431520
Conc: 24.37 ng/ml



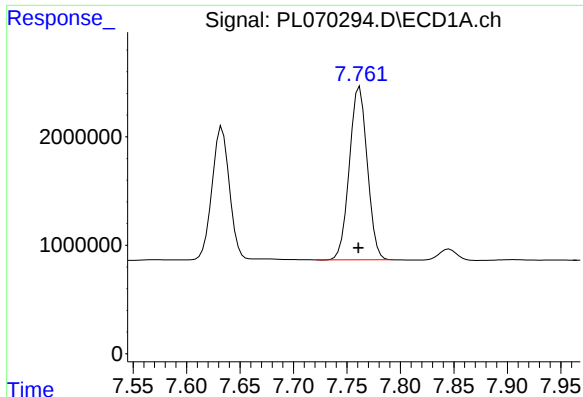
#12 4,4'-DDE

R.T.: 7.633 min
Delta R.T.: 0.002 min
Response: 14196195
Conc: 22.30 ng/ml



#12 4,4'-DDE

R.T.: 8.568 min
Delta R.T.: -0.003 min
Response: 32914543
Conc: 21.25 ng/ml



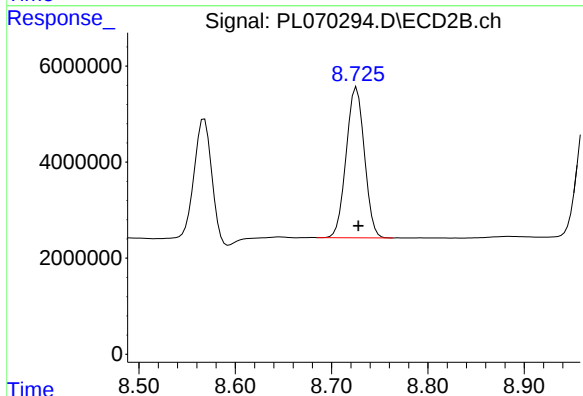
#13 Dieldrin

R.T.: 7.762 min
Delta R.T.: 0.001 min
Response: 18623817
Conc: 27.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

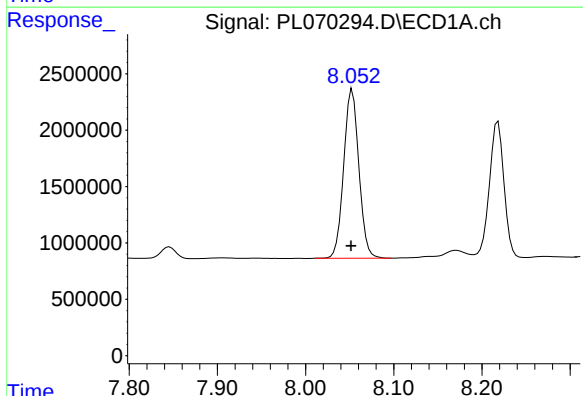
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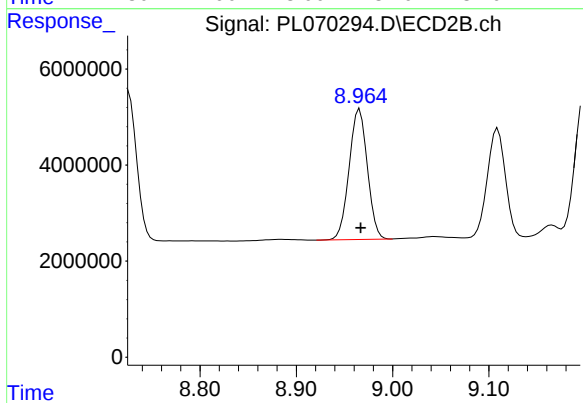
#13 Dieldrin

R.T.: 8.726 min
Delta R.T.: -0.002 min
Response: 41062778
Conc: 26.90 ng/ml



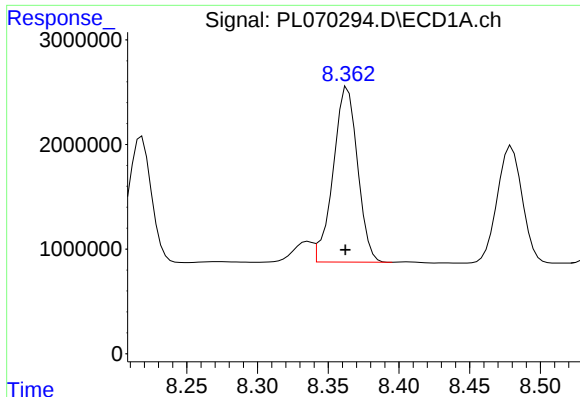
#14 Endrin

R.T.: 8.053 min
Delta R.T.: 0.001 min
Response: 17902277
Conc: 28.33 ng/ml



#14 Endrin

R.T.: 8.966 min
Delta R.T.: -0.001 min
Response: 35585958
Conc: 28.33 ng/ml



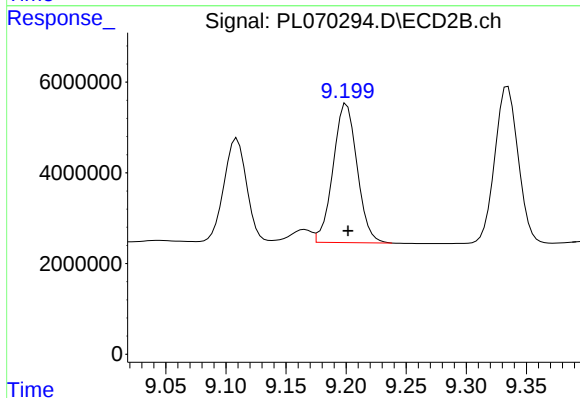
#15 Endosulfan II

R.T.: 8.364 min
Delta R.T.: 0.002 min
Response: 20077987
Conc: 31.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
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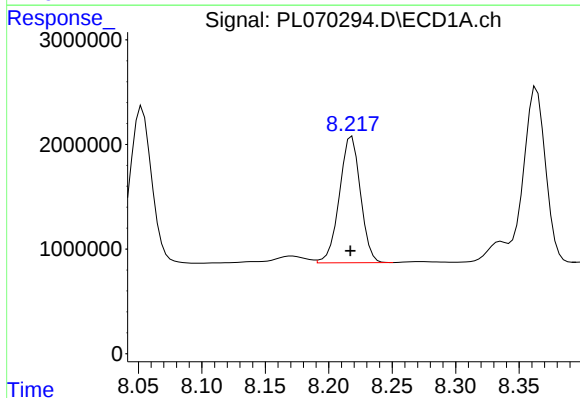
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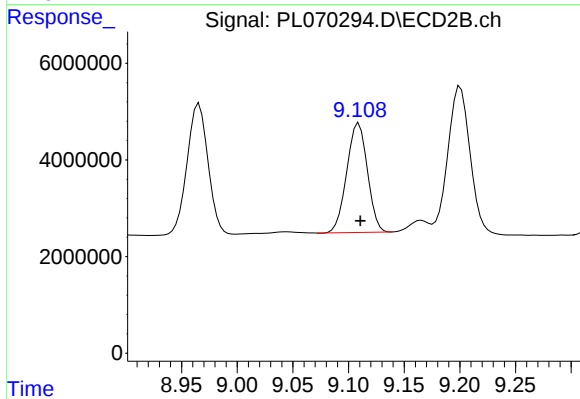
#15 Endosulfan II

R.T.: 9.199 min
Delta R.T.: -0.003 min
Response: 42497356
Conc: 35.56 ng/ml m



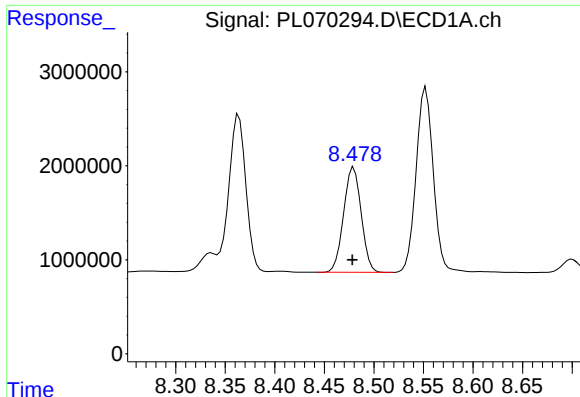
#16 4,4'-DDD

R.T.: 8.218 min
Delta R.T.: 0.001 min
Response: 13932588
Conc: 24.84 ng/ml



#16 4,4'-DDD

R.T.: 9.109 min
Delta R.T.: -0.001 min
Response: 29233676
Conc: 24.75 ng/ml



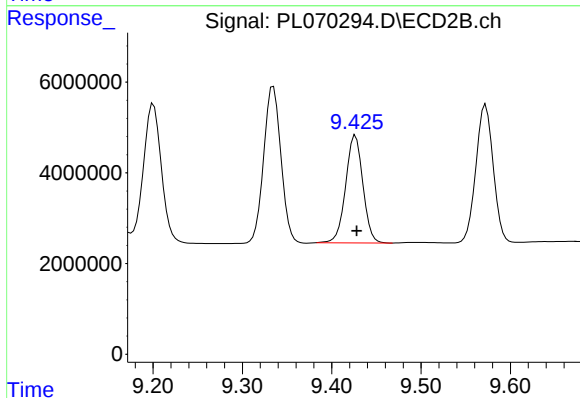
#17 4,4'-DDT

R.T.: 8.480 min
Delta R.T.: 0.001 min
Response: 13793060
Conc: 22.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

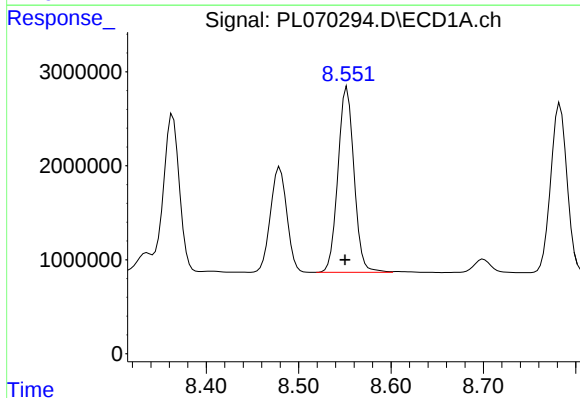
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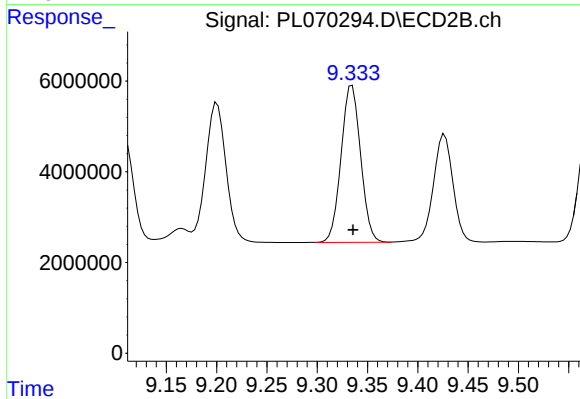
#17 4,4'-DDT

R.T.: 9.427 min
Delta R.T.: -0.001 min
Response: 31846929
Conc: 24.37 ng/ml



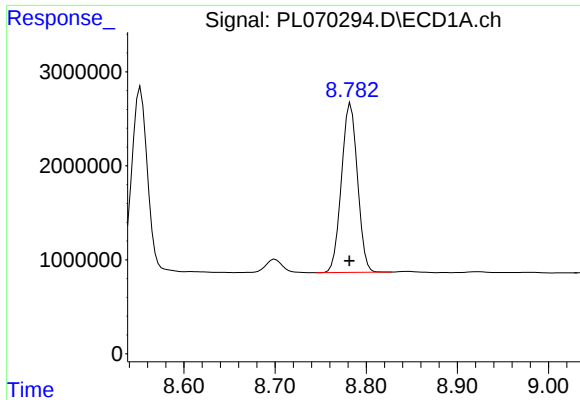
#18 Endrin aldehyde

R.T.: 8.553 min
Delta R.T.: 0.002 min
Response: 23858002
Conc: 48.15 ng/ml



#18 Endrin aldehyde

R.T.: 9.335 min
Delta R.T.: 0.000 min
Response: 46645300
Conc: 48.36 ng/ml



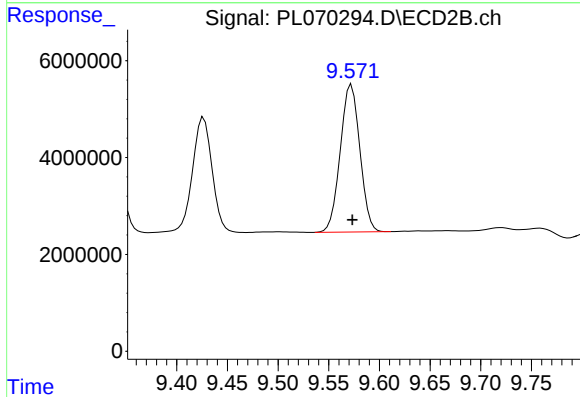
#19 Endosulfan Sulfate

R.T.: 8.783 min
Delta R.T.: 0.001 min
Response: 22004944
Conc: 33.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

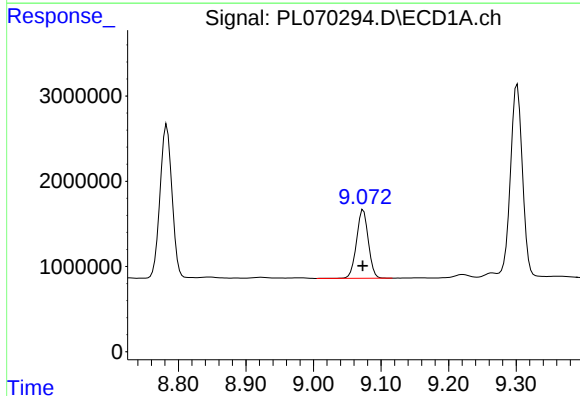
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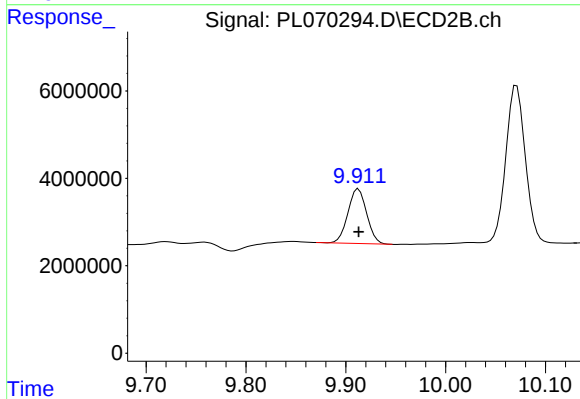
#19 Endosulfan Sulfate

R.T.: 9.572 min
Delta R.T.: -0.001 min
Response: 40977674
Conc: 33.49 ng/ml



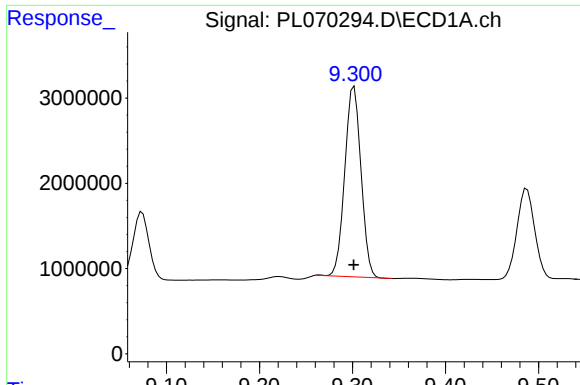
#20 Methoxychlor

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 9775128
Conc: 26.18 ng/ml



#20 Methoxychlor

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 16308363
Conc: 25.20 ng/ml



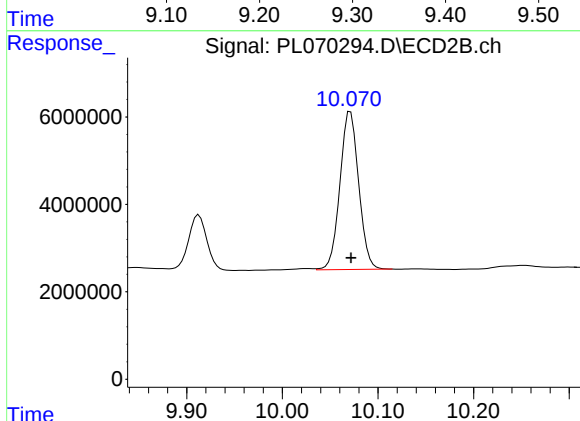
#21 Endrin ketone

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 27051542
Conc: 35.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

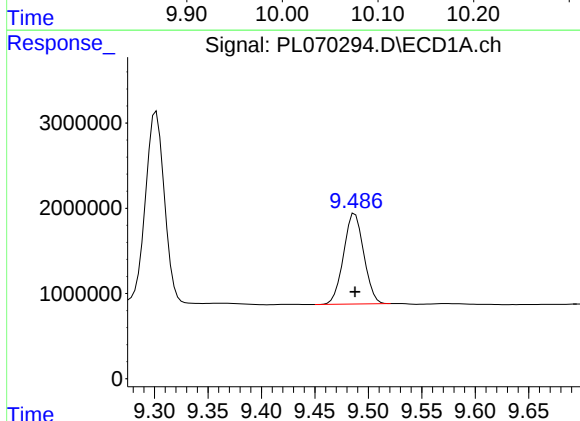
Manual Integrations
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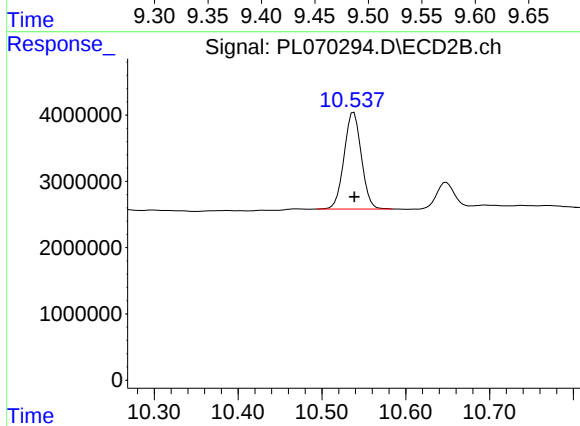
#21 Endrin ketone

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 49346926
Conc: 36.89 ng/ml



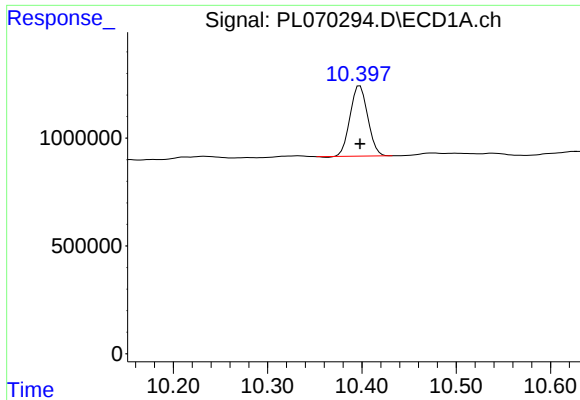
#22 Mirex

R.T.: 9.487 min
Delta R.T.: 0.000 min
Response: 14033116
Conc: 21.28 ng/ml



#22 Mirex

R.T.: 10.538 min
Delta R.T.: 0.000 min
Response: 20943681
Conc: 21.26 ng/ml



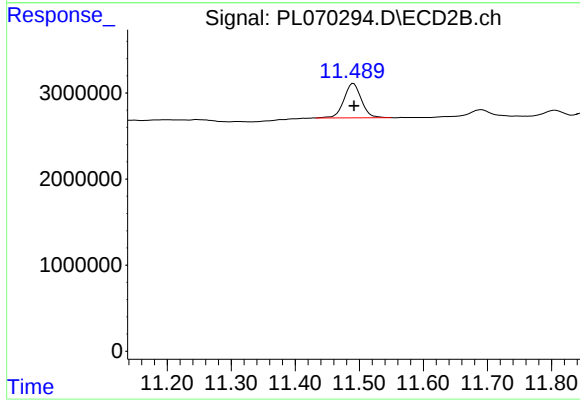
#28 Decachlorobiphenyl

R.T.: 10.398 min
Delta R.T.: 0.000 min
Response: 4250516
Conc: 6.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
20-20211008-WCMSD

Manual Integrations
APPROVED

mohammad
10/15/2021 10:35:20 AM



#28 Decachlorobiphenyl

R.T.: 11.491 min
Delta R.T.: 0.000 min
Response: 7531618
Conc: 6.22 ng/ml