

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022122\
 Data File : PL072851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2022 17:47
 Operator : AR\AJ
 Sample : N1602-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20220078-BERKELEY-6-COMPMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/22/2022
 Supervised By : Ankita Jodhani 02/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 02:29:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.551	5.488	8470719	30494085	17.592	17.653
28)	SA Decachlor...	10.310	11.377	10720679	23136679	14.161	14.590
Target Compounds							
2)	A alpha-BHC	5.257	6.070	35809562	134.2E6	54.310	56.045
3)	MA gamma-BHC...	5.680	6.466	34875546	124.9E6	55.492	54.261
4)	MA Heptachlor	6.085	7.111	36309706	122.6E6	49.744m	53.833
5)	MB Aldrin	6.410	7.481	38101699	122.7E6	59.012	57.400
6)	B beta-BHC	6.066	6.726	12467313	53855370	50.314m	52.829
7)	B delta-BHC	6.324	6.992	37608381	123.6E6	56.800	53.958
8)	B Heptachlo...	6.987	7.949	36486280	109.1E6	57.873	56.565
9)	A Endosulfan I	7.389	8.354	34247140	100.4E6	58.537	57.363
10)	B gamma-Chl...	7.264	8.219	36702157	111.2E6	57.939	57.474
11)	B alpha-Chl...	7.333	8.299	37291444	108.6E6	58.563	57.184
12)	B 4,4'-DDE	7.548	8.490	36564397	107.7E6	60.168	57.607
13)	MA Dieldrin	7.675	8.643	37619080	108.3E6	59.571	58.108
14)	MA Endrin	7.967	8.882	32422282	84270124	55.346	53.483
15)	B Endosulfa...	8.279	9.118	34277214	92211172	56.340	54.844
16)	A 4,4'-DDD	8.135	9.029	31381453	87012281	65.229	62.880
17)	MA 4,4'-DDT	8.395	9.346	26522218	72083558	49.290	47.087
18)	B Endrin al...	8.468	9.253	28310714	73504246	64.950	65.310
19)	B Endosulfa...	8.699	9.491	34115804	85378111	57.328	57.072
20)	A Methoxychlor	8.991	9.834	17273859	39621386	49.126	48.936
21)	B Endrin ke...	9.217	9.986	40564712	95072018	59.023	59.670m
22)	Mirex	9.397	10.449	37116826	76125764	62.565	64.849

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022122\
Data File : PL072851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2022 17:47
Operator : AR\AJ
Sample : N1602-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

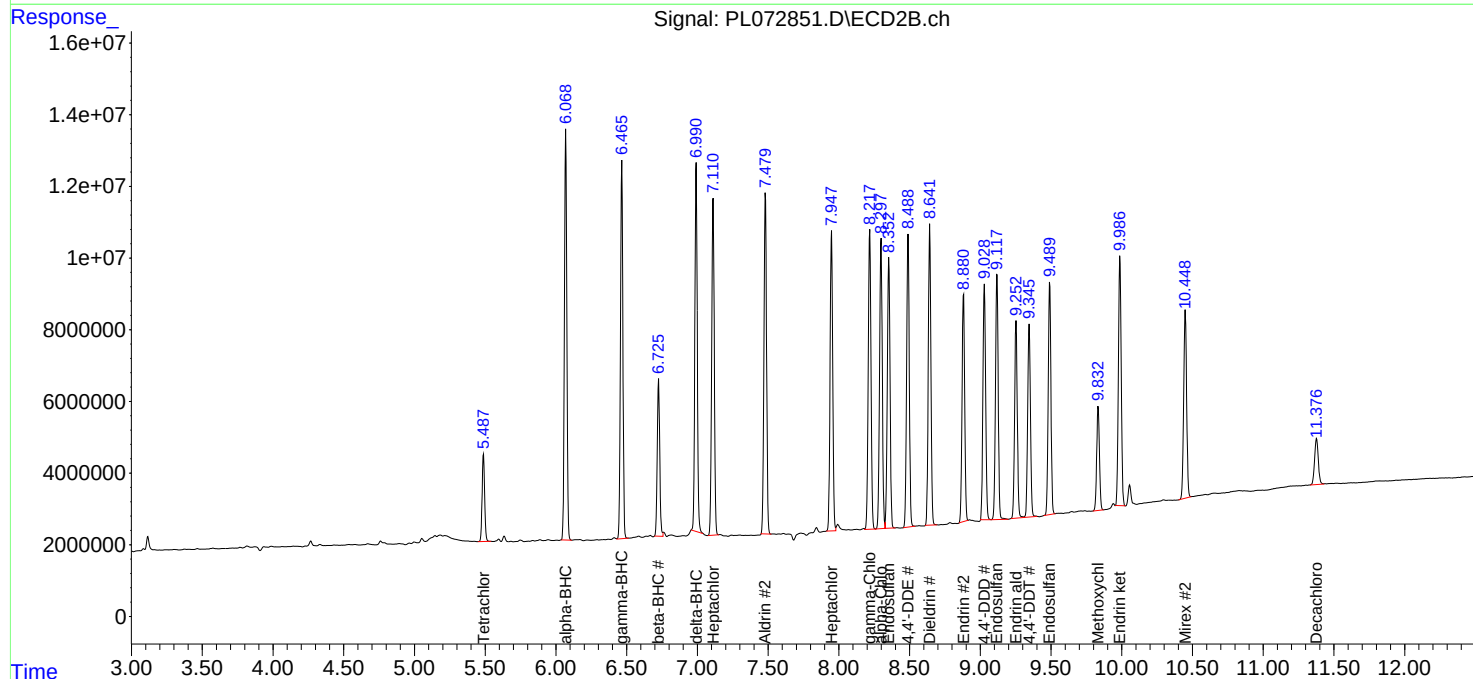
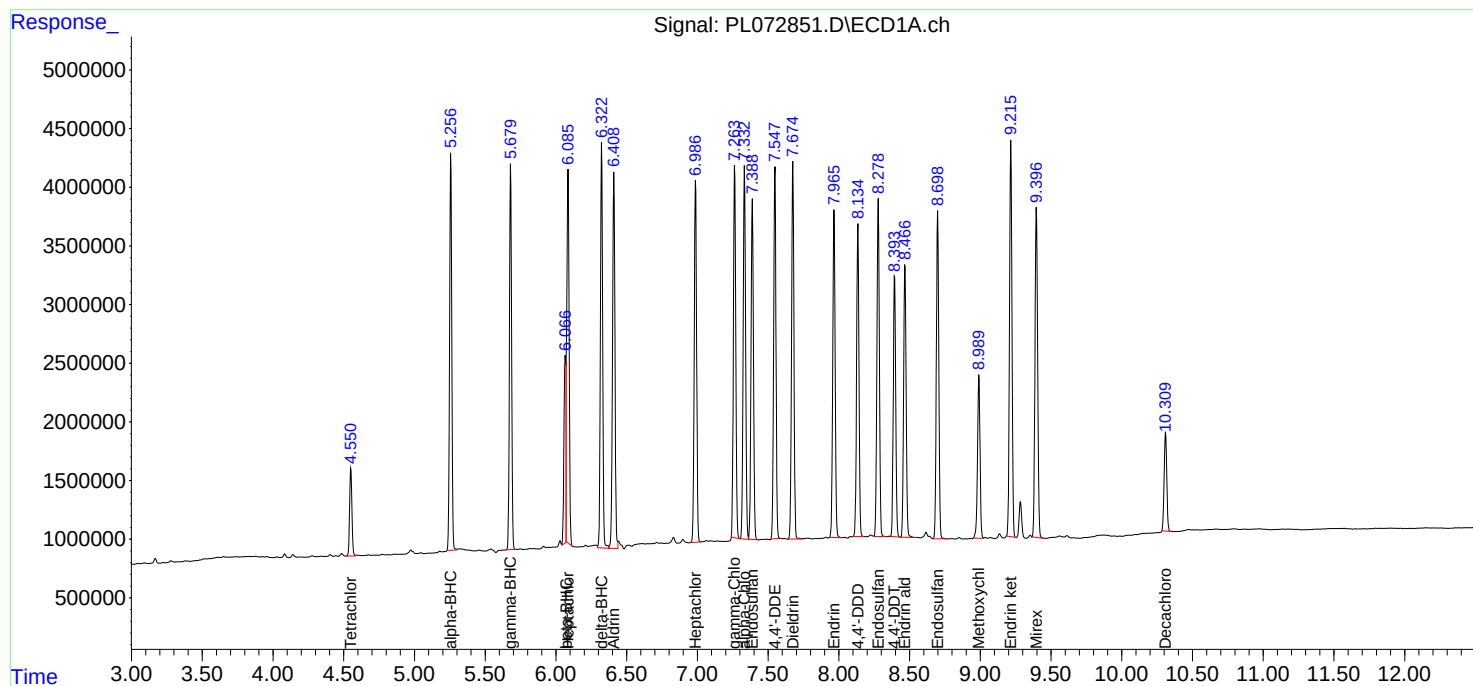
Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

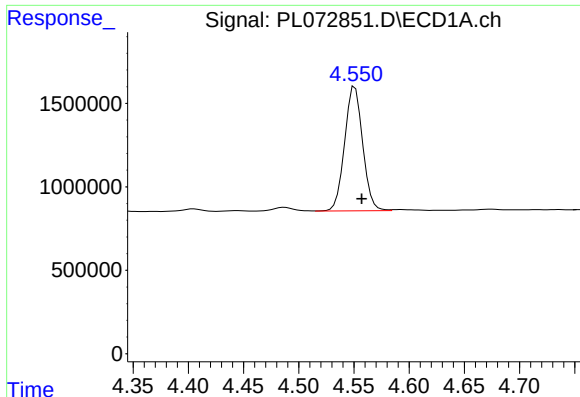
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/22/2022
Supervised By :Ankita Jodhani 02/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 02:29:55 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 05:14:10 2022
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Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





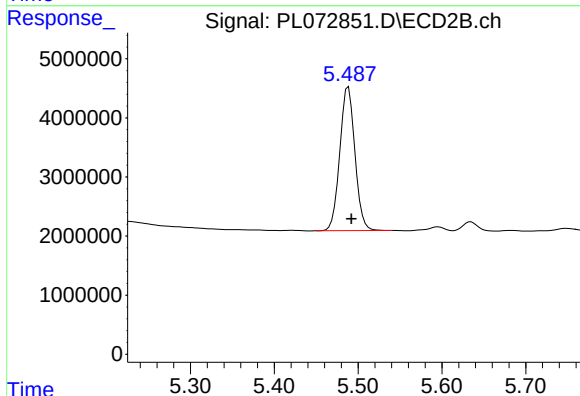
#1 Tetrachloro-m-xylene

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 8470719
Conc: 17.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

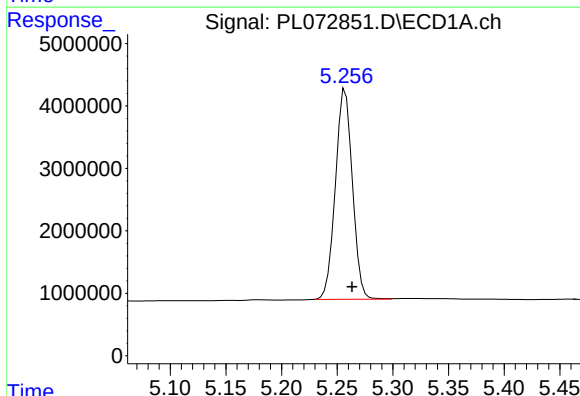
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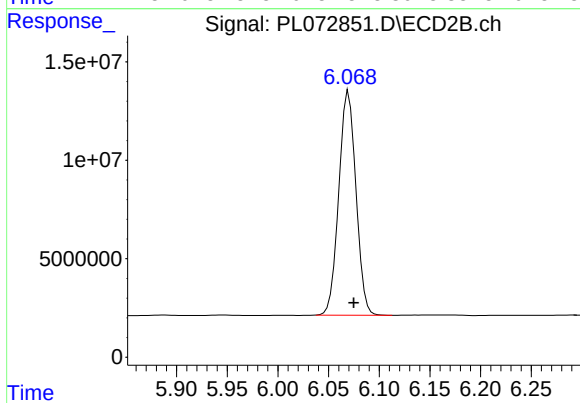
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.004 min
Response: 30494085
Conc: 17.65 ng/ml



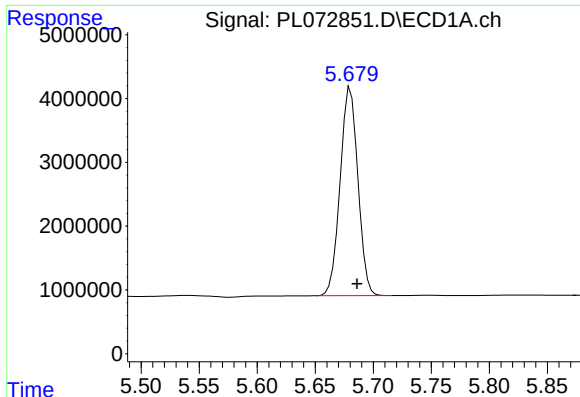
#2 alpha-BHC

R.T.: 5.257 min
Delta R.T.: -0.006 min
Response: 35809562
Conc: 54.31 ng/ml



#2 alpha-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 134211855
Conc: 56.04 ng/ml



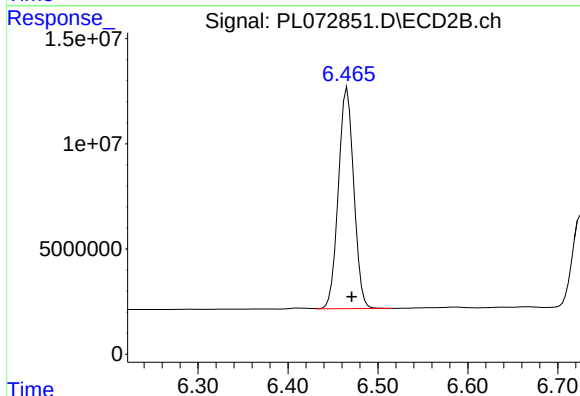
#3 gamma-BHC (Lindane)

R.T.: 5.680 min
Delta R.T.: -0.006 min
Response: 34875546
Conc: 55.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

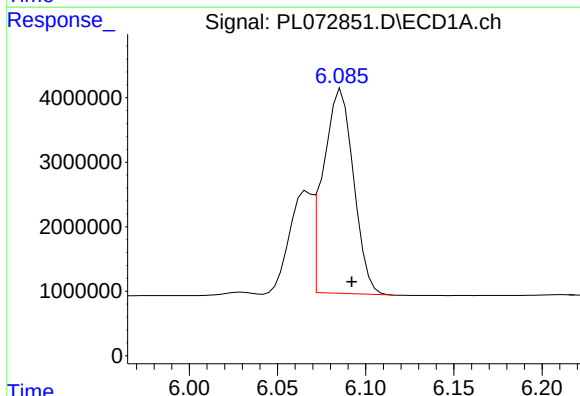
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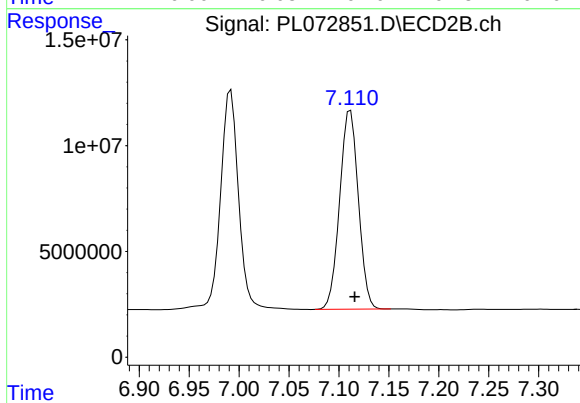
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 124934238
Conc: 54.26 ng/ml



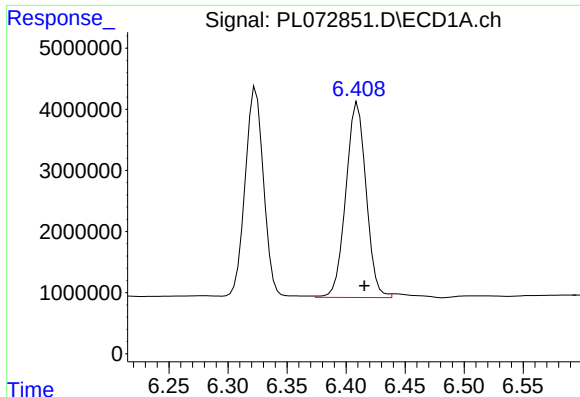
#4 Heptachlor

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 36309706
Conc: 49.74 ng/ml m



#4 Heptachlor

R.T.: 7.111 min
Delta R.T.: -0.005 min
Response: 122568856
Conc: 53.83 ng/ml



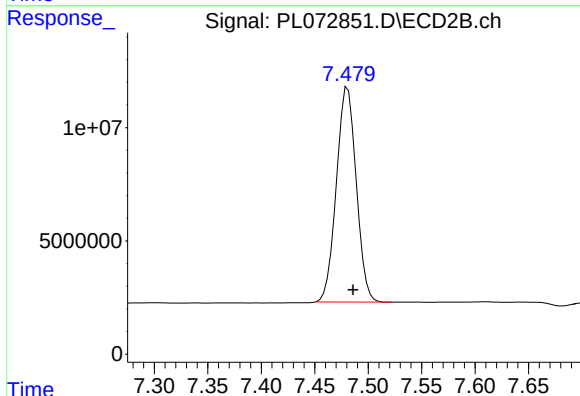
#5 Aldrin

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 38101699
Conc: 59.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

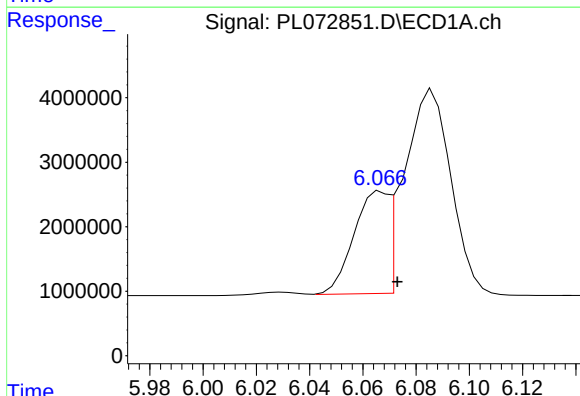
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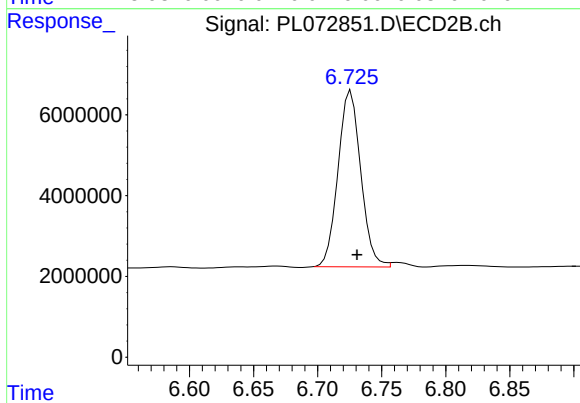
#5 Aldrin

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 122709680
Conc: 57.40 ng/ml



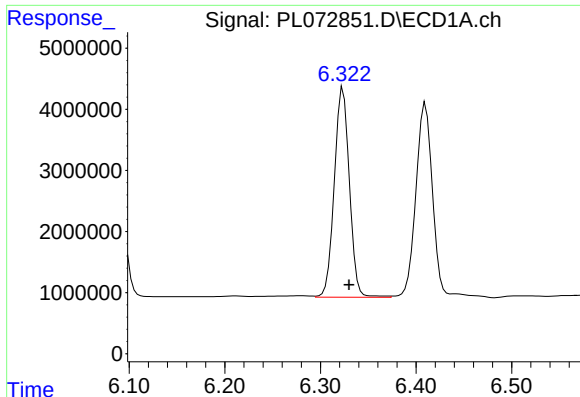
#6 beta-BHC

R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 12467313
Conc: 50.31 ng/ml m



#6 beta-BHC

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 53855370
Conc: 52.83 ng/ml



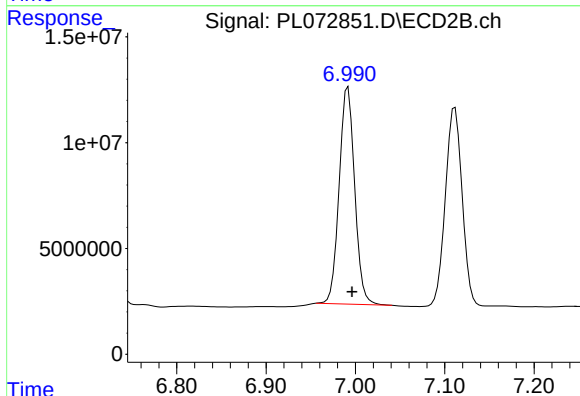
#7 delta-BHC

R.T.: 6.324 min
Delta R.T.: -0.006 min
Response: 37608381
Conc: 56.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

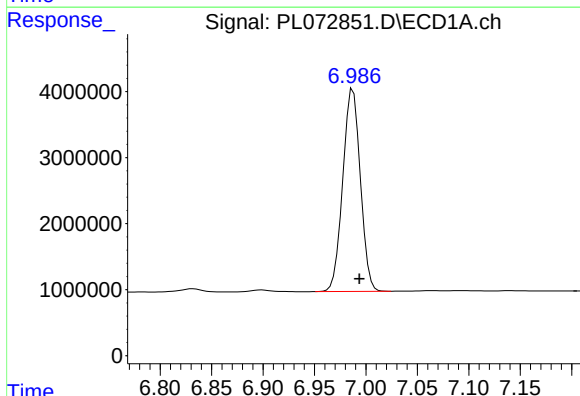
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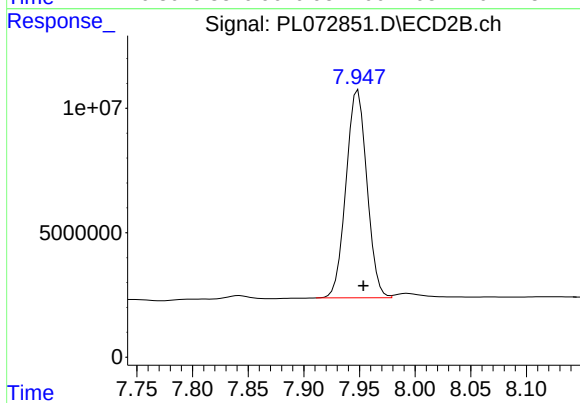
#7 delta-BHC

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 123618503
Conc: 53.96 ng/ml



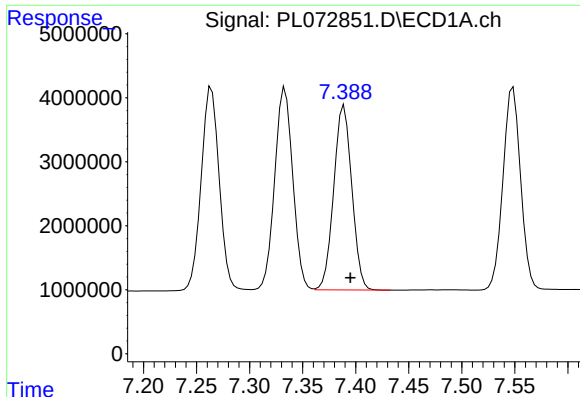
#8 Heptachlor epoxide

R.T.: 6.987 min
Delta R.T.: -0.006 min
Response: 36486280
Conc: 57.87 ng/ml



#8 Heptachlor epoxide

R.T.: 7.949 min
Delta R.T.: -0.005 min
Response: 109129013
Conc: 56.56 ng/ml



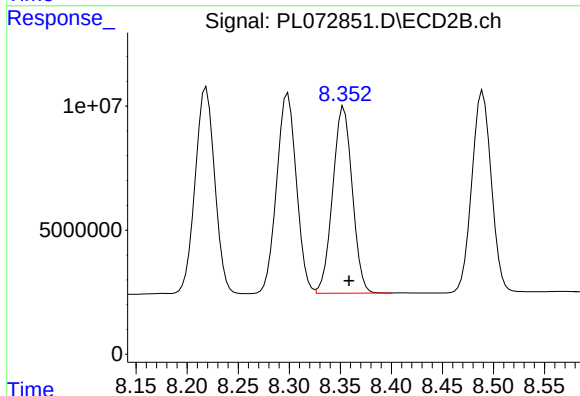
#9 Endosulfan I

R.T.: 7.389 min
Delta R.T.: -0.006 min
Response: 34247140
Conc: 58.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

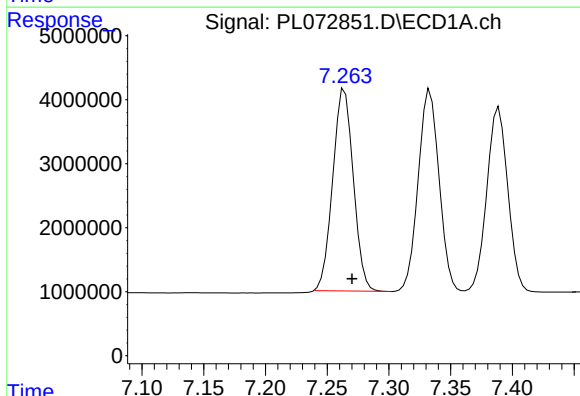
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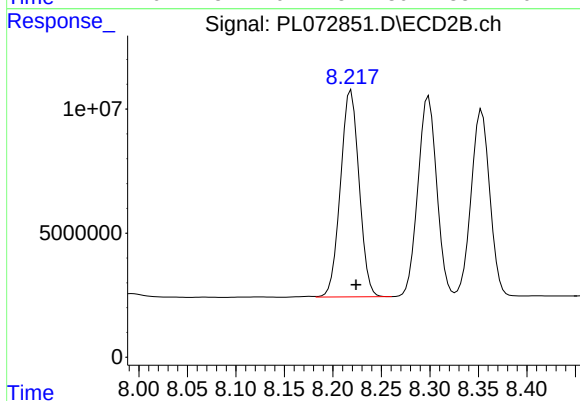
#9 Endosulfan I

R.T.: 8.354 min
Delta R.T.: -0.005 min
Response: 100355266
Conc: 57.36 ng/ml



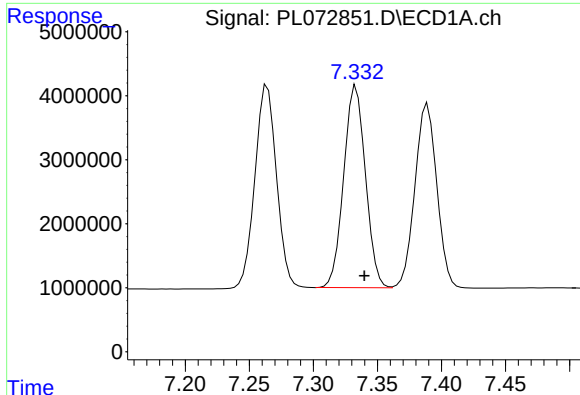
#10 gamma-Chlordane

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 36702157
Conc: 57.94 ng/ml



#10 gamma-Chlordane

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 111169590
Conc: 57.47 ng/ml



#11 alpha-Chlordane

R.T.: 7.333 min
Delta R.T.: -0.006 min
Response: 37291444
Conc: 58.56 ng/ml

Instrument :

ECD_L

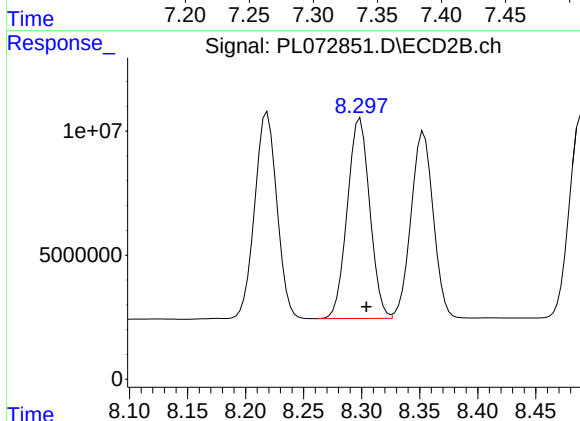
ClientSampleId :

20220078-BERKELEY-6-COMPMS

Manual Integrations

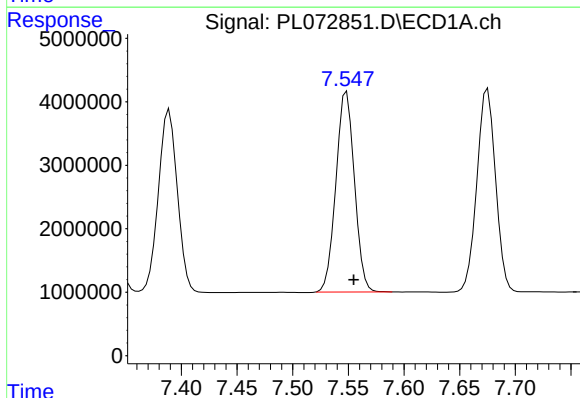
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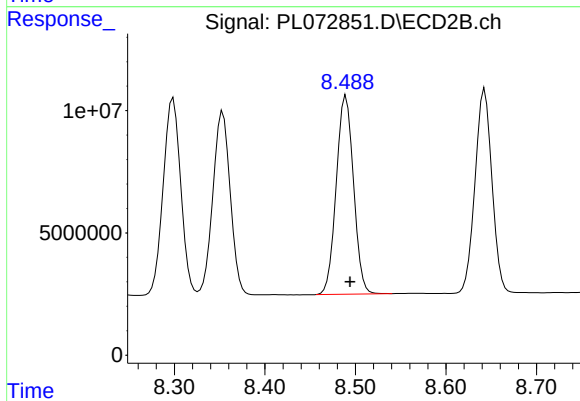
#11 alpha-Chlordane

R.T.: 8.299 min
Delta R.T.: -0.005 min
Response: 108647222
Conc: 57.18 ng/ml



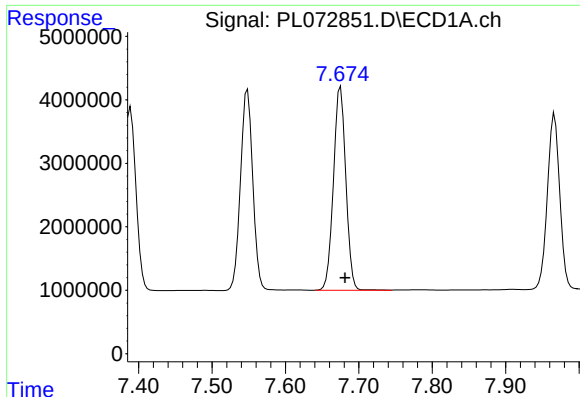
#12 4,4'-DDE

R.T.: 7.548 min
Delta R.T.: -0.006 min
Response: 36564397
Conc: 60.17 ng/ml



#12 4,4'-DDE

R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 107671557
Conc: 57.61 ng/ml



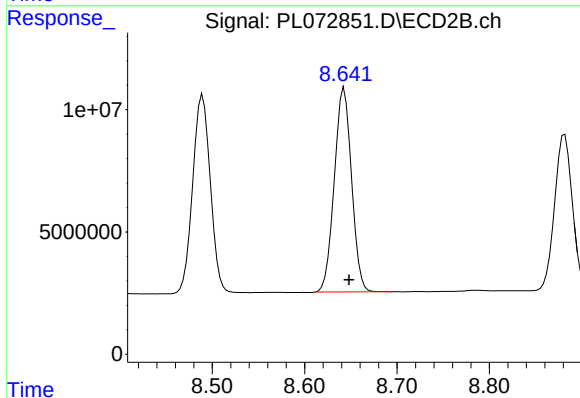
#13 Dieldrin

R.T.: 7.675 min
Delta R.T.: -0.006 min
Response: 37619080
Conc: 59.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

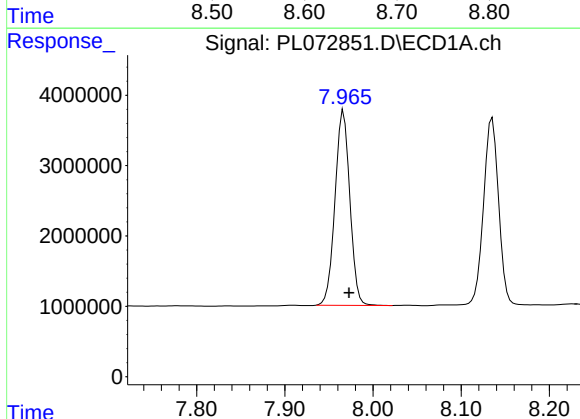
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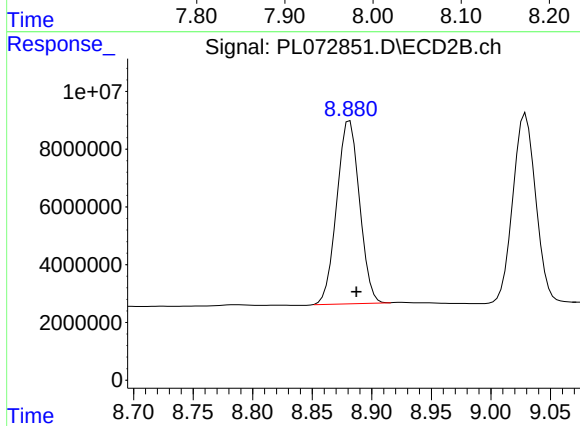
#13 Dieldrin

R.T.: 8.643 min
Delta R.T.: -0.005 min
Response: 108293921
Conc: 58.11 ng/ml



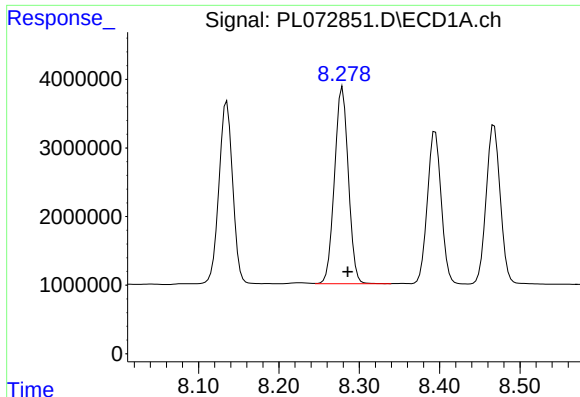
#14 Endrin

R.T.: 7.967 min
Delta R.T.: -0.006 min
Response: 32422282
Conc: 55.35 ng/ml



#14 Endrin

R.T.: 8.882 min
Delta R.T.: -0.006 min
Response: 84270124
Conc: 53.48 ng/ml



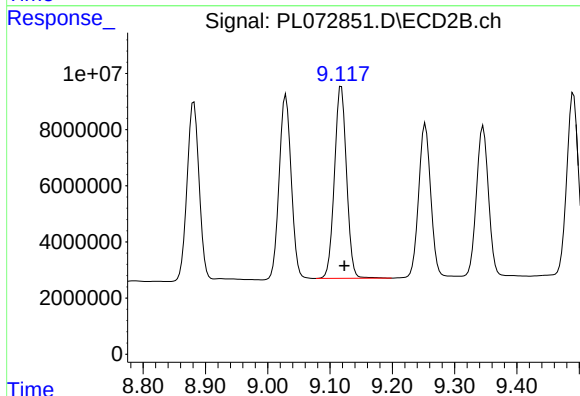
#15 Endosulfan II

R.T.: 8.279 min
Delta R.T.: -0.006 min
Response: 34277214
Conc: 56.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

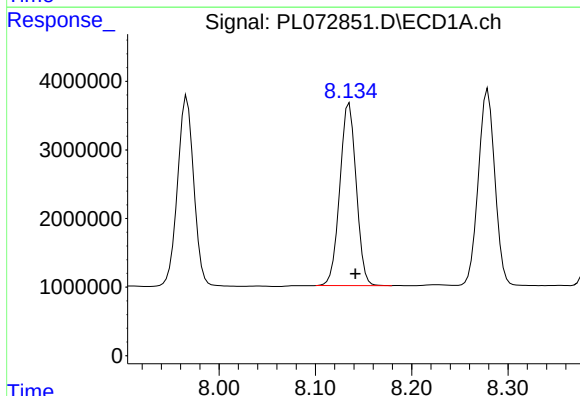
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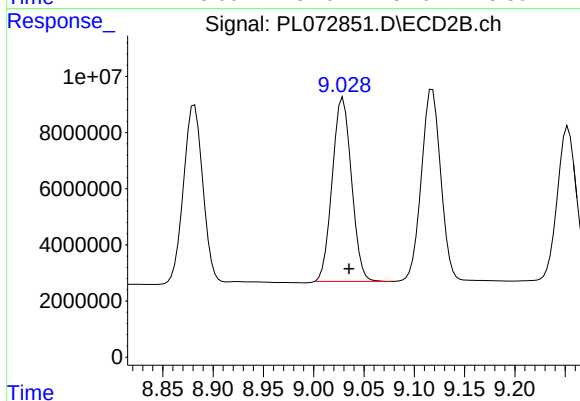
#15 Endosulfan II

R.T.: 9.118 min
Delta R.T.: -0.005 min
Response: 92211172
Conc: 54.84 ng/ml



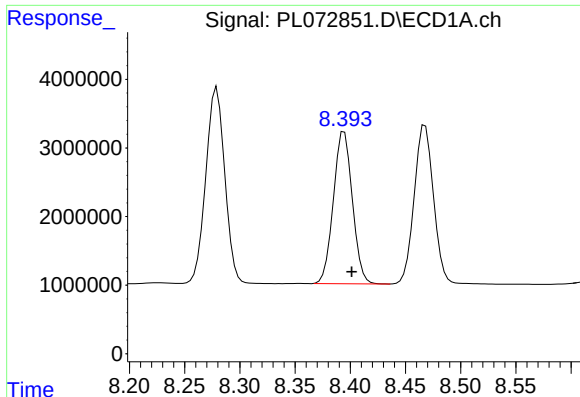
#16 4,4'-DDD

R.T.: 8.135 min
Delta R.T.: -0.006 min
Response: 31381453
Conc: 65.23 ng/ml



#16 4,4'-DDD

R.T.: 9.029 min
Delta R.T.: -0.006 min
Response: 87012281
Conc: 62.88 ng/ml



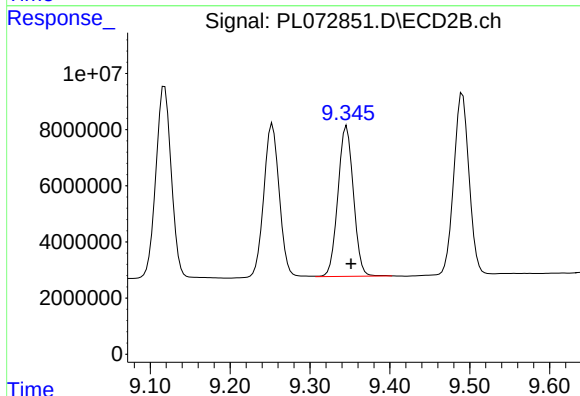
#17 4,4'-DDT

R.T.: 8.395 min
Delta R.T.: -0.007 min
Response: 26522218
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

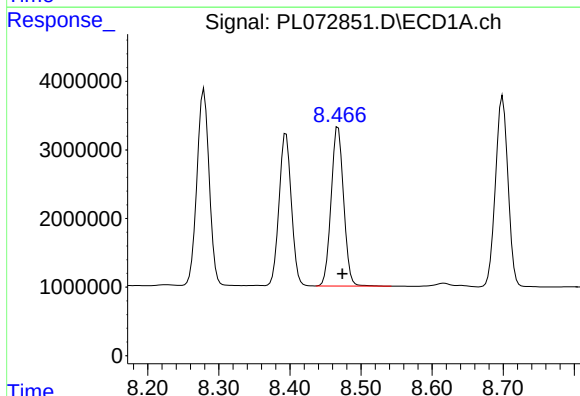
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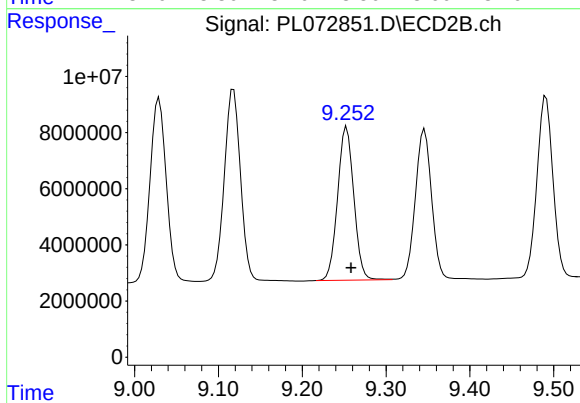
#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 72083558
Conc: 47.09 ng/ml



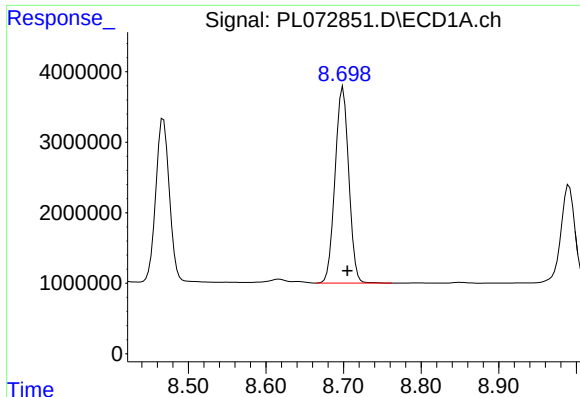
#18 Endrin aldehyde

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 28310714
Conc: 64.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 73504246
Conc: 65.31 ng/ml



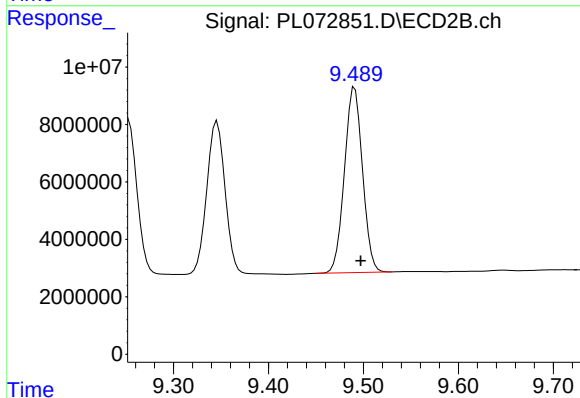
#19 Endosulfan Sulfate

R.T.: 8.699 min
Delta R.T.: -0.006 min
Response: 34115804
Conc: 57.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

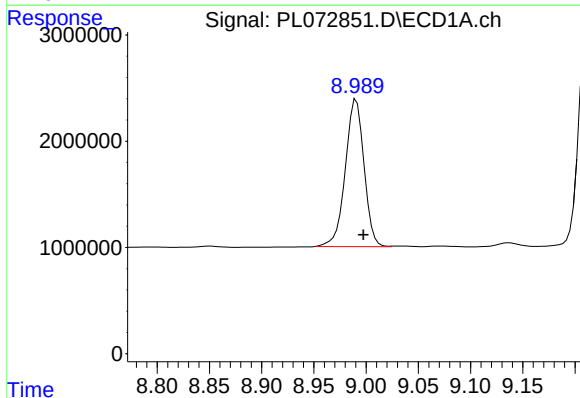
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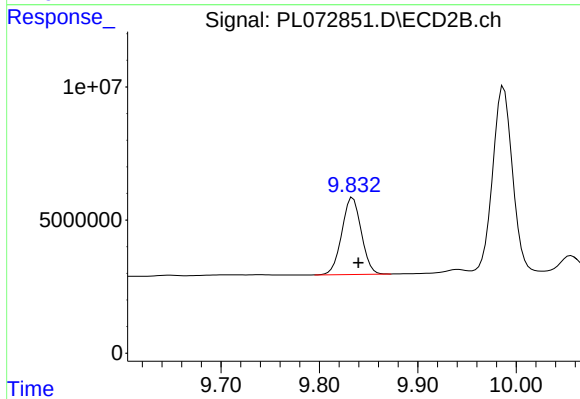
#19 Endosulfan Sulfate

R.T.: 9.491 min
Delta R.T.: -0.006 min
Response: 85378111
Conc: 57.07 ng/ml



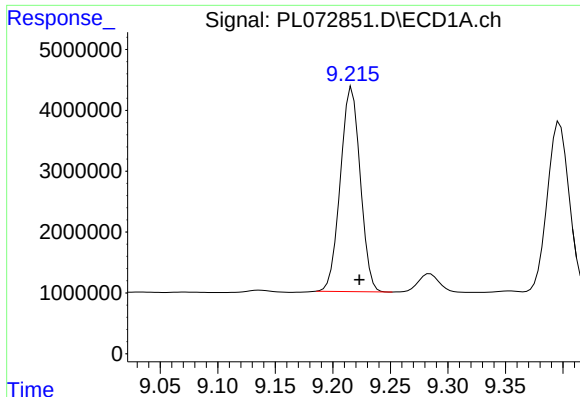
#20 Methoxychlor

R.T.: 8.991 min
Delta R.T.: -0.007 min
Response: 17273859
Conc: 49.13 ng/ml



#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.006 min
Response: 39621386
Conc: 48.94 ng/ml



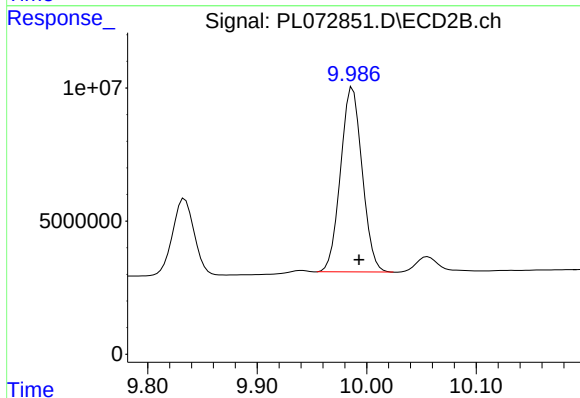
#21 Endrin ketone

R.T.: 9.217 min
Delta R.T.: -0.007 min
Response: 40564712
Conc: 59.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

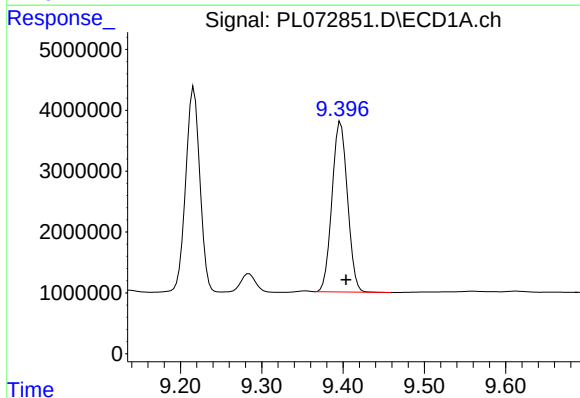
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/22/2022
Supervised By :Ankita Jodhani 02/22/2022



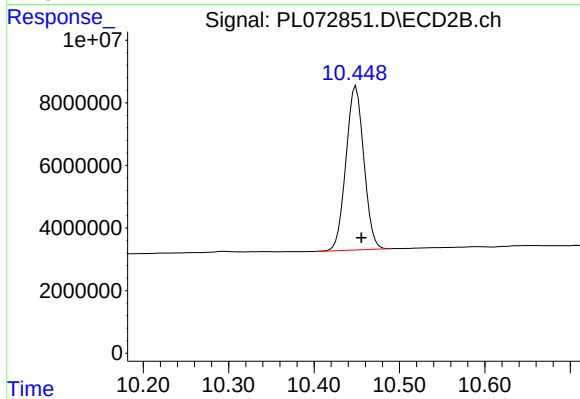
#21 Endrin ketone

R.T.: 9.986 min
Delta R.T.: -0.007 min
Response: 95072018
Conc: 59.67 ng/ml m



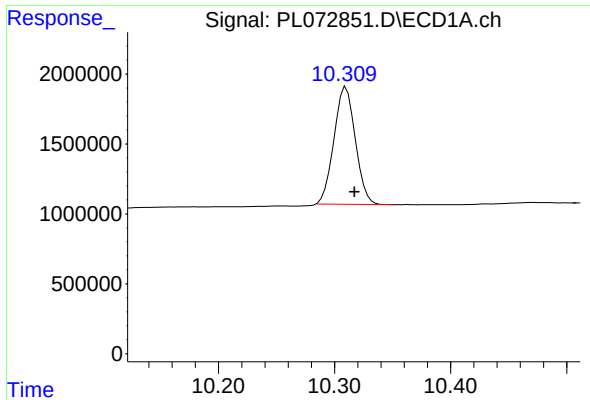
#22 Mirex

R.T.: 9.397 min
Delta R.T.: -0.007 min
Response: 37116826
Conc: 62.57 ng/ml



#22 Mirex

R.T.: 10.449 min
Delta R.T.: -0.006 min
Response: 76125764
Conc: 64.85 ng/ml



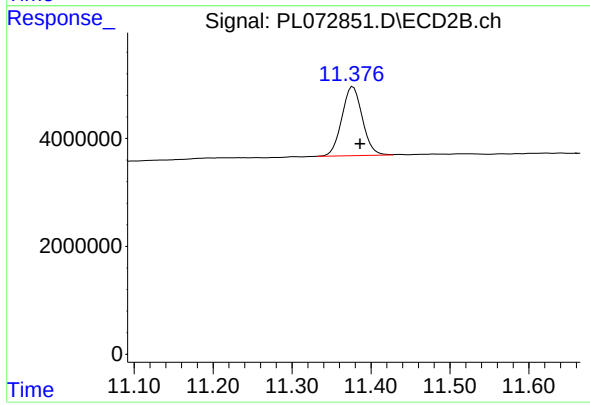
#28 Decachlorobiphenyl

R.T.: 10.310 min
Delta R.T.: -0.007 min
Response: 10720679
Conc: 14.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220078-BERKELEY-6-COMPMS

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#28 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.009 min
Response: 23136679
Conc: 14.59 ng/ml