

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
 Data File : PL072893.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 17:05
 Operator : AR\AJ
 Sample : N1602-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/23/2022
 Supervised By :Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:35:17 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...	4.556	5.489	9082042	32111620	18.862	18.590
28) SA Decachlor...	10.314	11.379	24954180	55365040	32.962	34.913
Target Compounds						
2) A alpha-BHC	5.263	6.071	39313536	145.3E6	59.625	60.695
3) MA gamma-BHC...	5.686	6.466	38610191	136.3E6	61.434	59.191m
4) MA Heptachlor	6.089	7.112	44050341	108.0E6	60.349m	47.453
5) MB Aldrin	6.414	7.481	43471918	135.9E6	67.330	63.568m
6) B beta-BHC	6.072	6.727	13095305	57756765	52.849m	56.656
7) B delta-BHC	6.332	6.992	88372930	131.3E6	133.469	57.312m#
8) B Heptachlo...	6.991	7.948	40074347	118.1E6	63.565m	61.234m
9) A Endosulfan I	7.394	8.350	37385472	227.5E6	63.901	130.065 #
10) B gamma-Chl...	7.267	8.214	39336151	250.9E6	62.097m	129.693 #
11) B alpha-Chl...	7.339	8.294	40079849	246.8E6	62.942	129.913 #
12) B 4,4'-DDE	7.548	8.484	42089779	249.3E6	69.260m	133.357m#
13) MA Dieldrin	7.679	8.636	40615349	255.0E6	64.316	136.812m#
14) MA Endrin	7.965	8.876	34055851	219.8E6	58.135m	139.520m#
15) B Endosulfa...	8.278	9.116	78954906	214.2E6	129.775	127.387
16) A 4,4'-DDD	8.135	9.027	67564140	194.8E6	140.439	140.776m
17) MA 4,4'-DDT	8.396	9.346	79030701	213.6E6	146.875	139.551
18) B Endrin al...	8.468	9.252	61735781	162.3E6	141.633	144.204
19) B Endosulfa...	8.700	9.490	79009707	202.3E6	132.767	135.258
20) A Methoxychlor	8.994	9.835	46615101	111.3E6	132.571	137.520
21) B Endrin ke...	9.219	9.986	91407611	221.9E6	133.000	139.273m
22) Mirex	9.399	10.450	83371769	175.0E6	140.534	149.102

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
Data File : PL072893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Feb 2022 17:05
Operator : AR\AJ
Sample : N1602-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

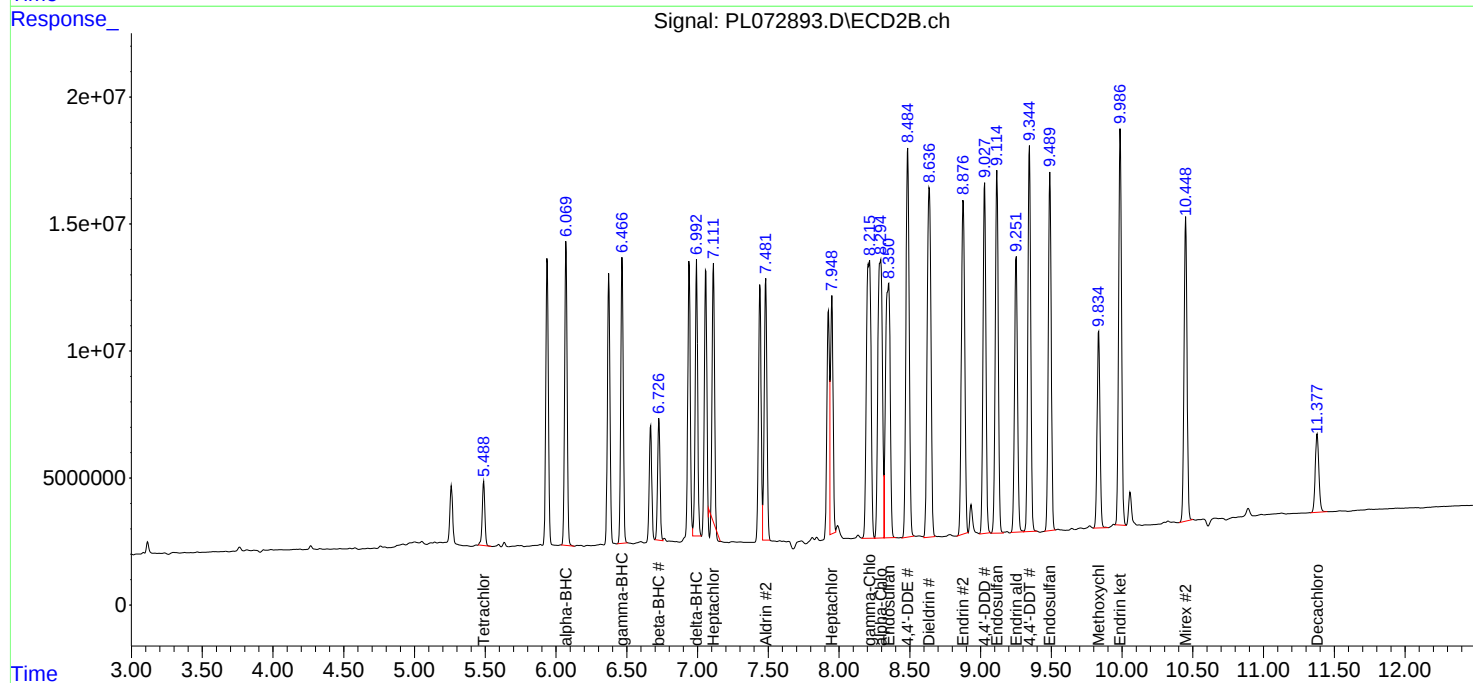
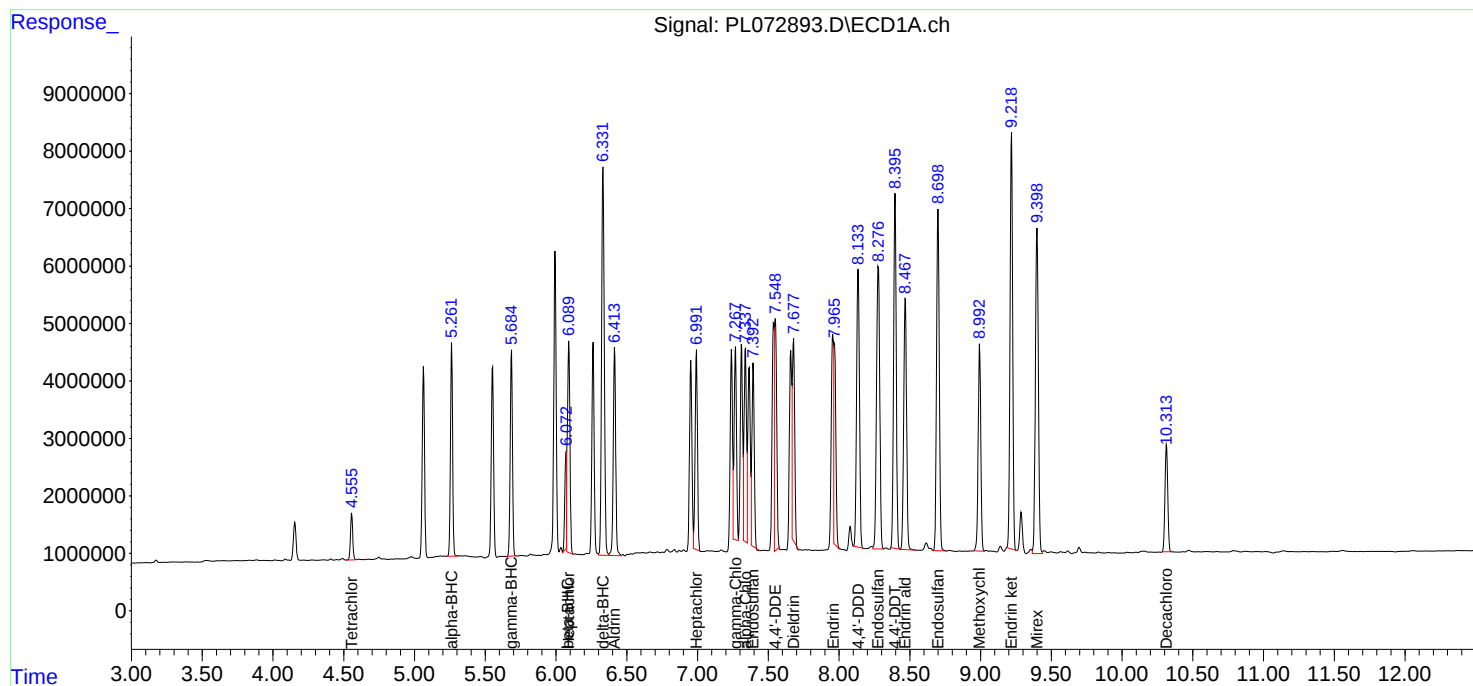
Instrument :
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20220078-BERKELEY-6-COMPMSD

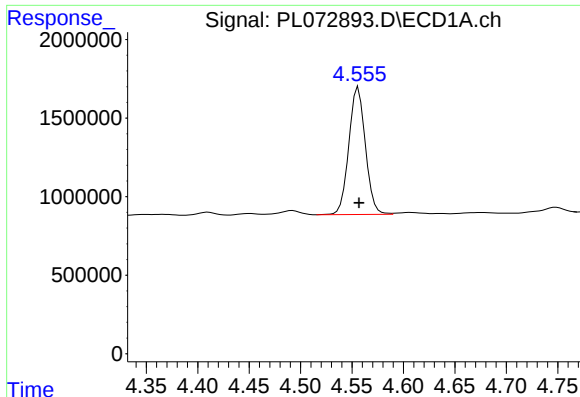
Manual Integrations
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Reviewed By : Abdul Mirza 02/23/2022
Supervised By : Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 23 05:35:17 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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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





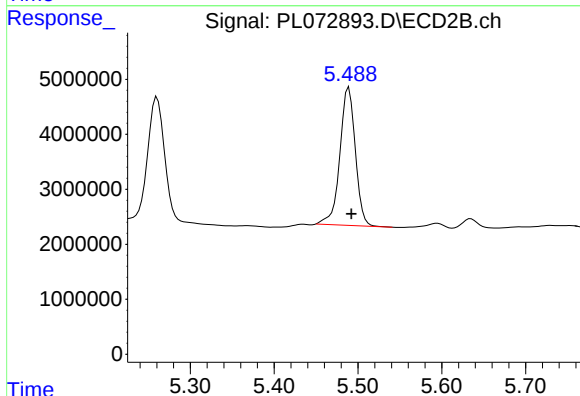
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 9082042
Conc: 18.86 ng/ml

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

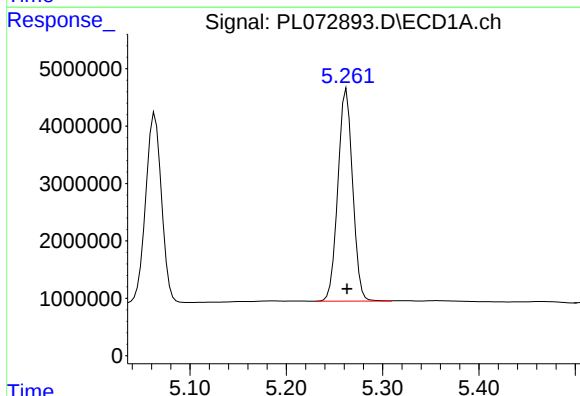
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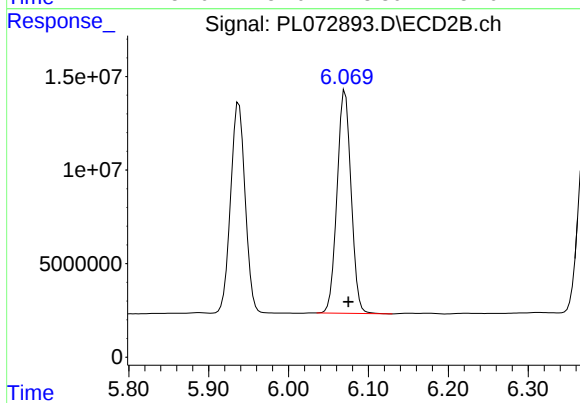
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 32111620
Conc: 18.59 ng/ml



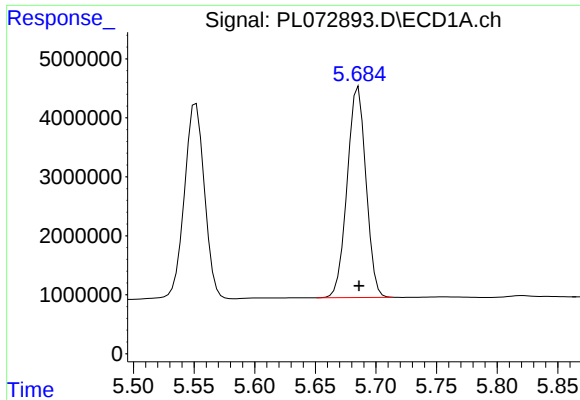
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 39313536
Conc: 59.62 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 145349037
Conc: 60.70 ng/ml



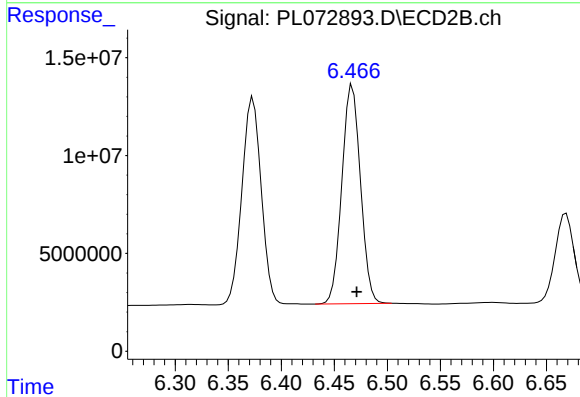
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 38610191
Conc: 61.43 ng/ml

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

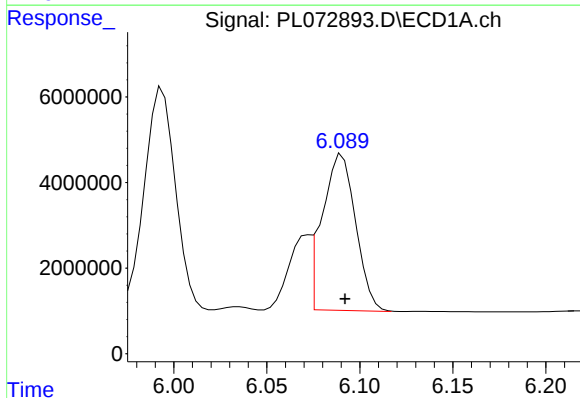
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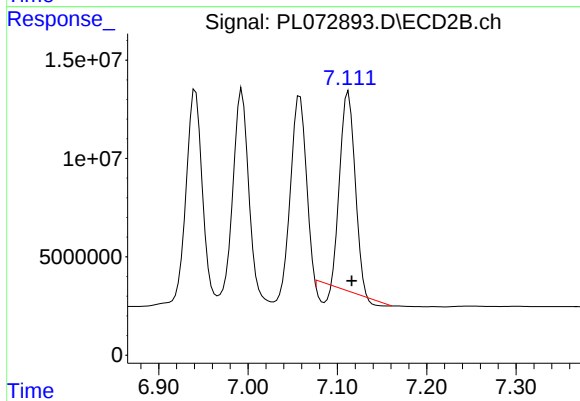
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 136285458
Conc: 59.19 ng/ml m



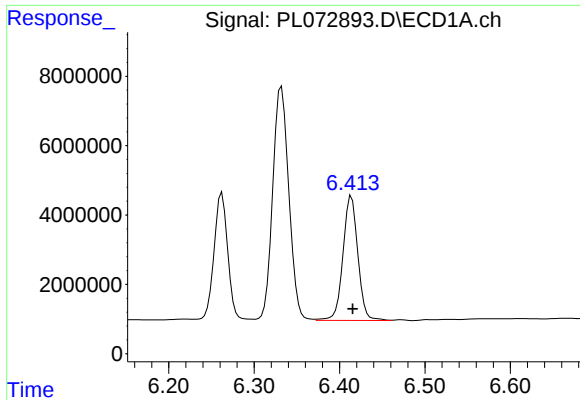
#4 Heptachlor

R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 44050341
Conc: 60.35 ng/ml m



#4 Heptachlor

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 108042387
Conc: 47.45 ng/ml



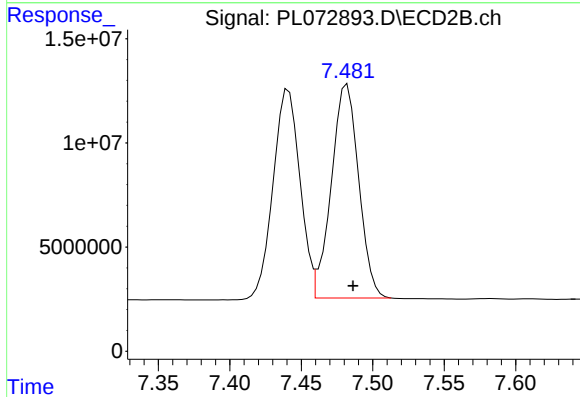
#5 Aldrin

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 43471918
Conc: 67.33 ng/ml

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

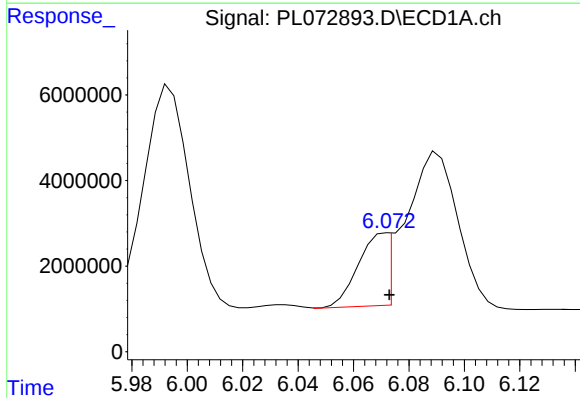
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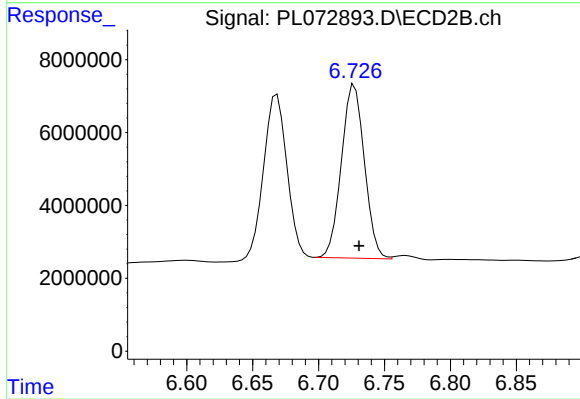
#5 Aldrin

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 135895236
Conc: 63.57 ng/ml m



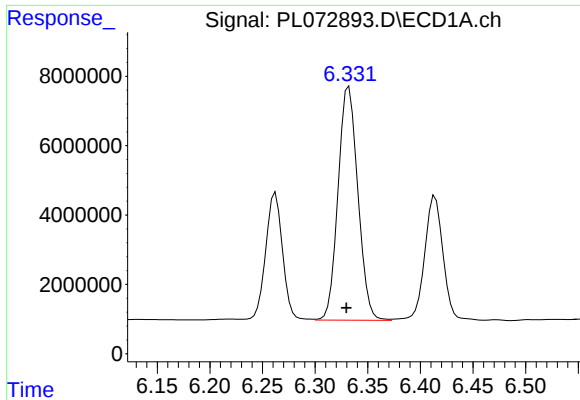
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 13095305
Conc: 52.85 ng/ml m



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.003 min
Response: 57756765
Conc: 56.66 ng/ml



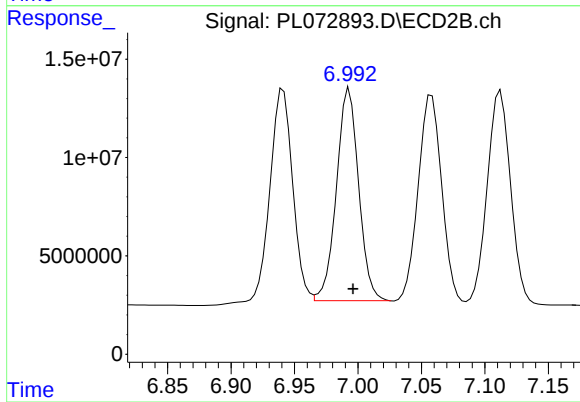
#7 delta-BHC

R.T.: 6.332 min
Delta R.T.: 0.002 min
Response: 88372930
Conc: 133.47 ng/ml

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

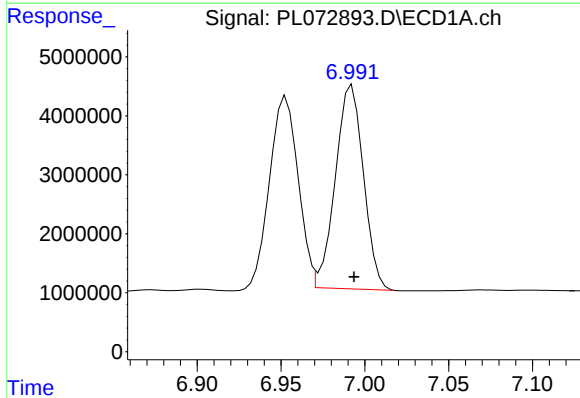
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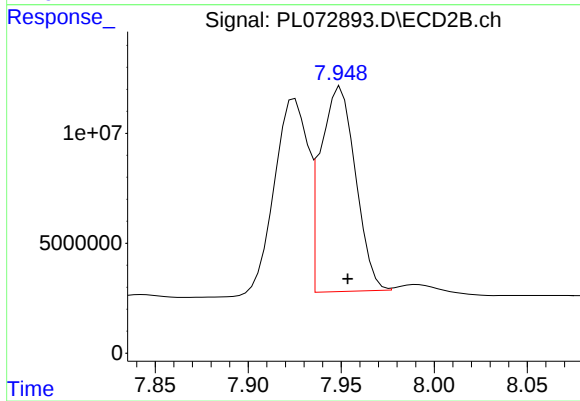
#7 delta-BHC

R.T.: 6.992 min
Delta R.T.: -0.004 min
Response: 131303075
Conc: 57.31 ng/ml m



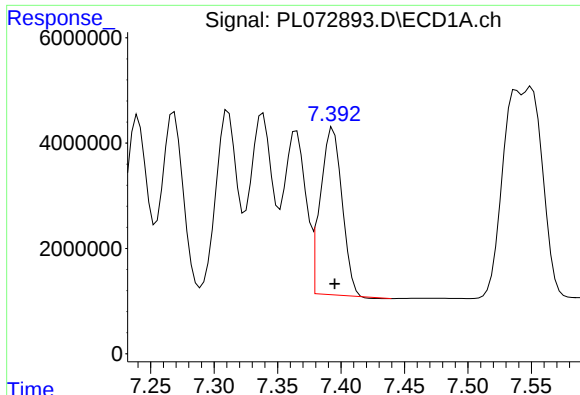
#8 Heptachlor epoxide

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 40074347
Conc: 63.56 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.948 min
Delta R.T.: -0.005 min
Response: 118137665
Conc: 61.23 ng/ml m



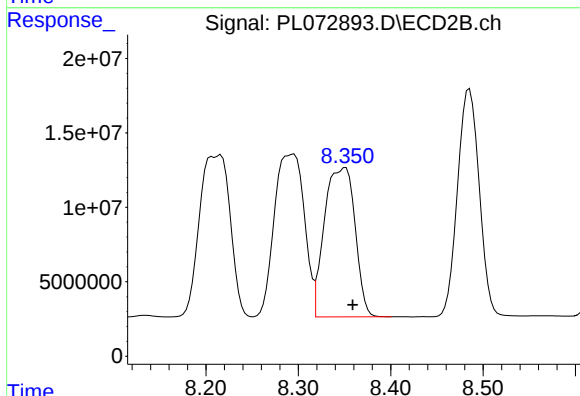
#9 Endosulfan I

R.T.: 7.394 min
Delta R.T.: -0.001 min
Response: 37385472
Conc: 63.90 ng/ml

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

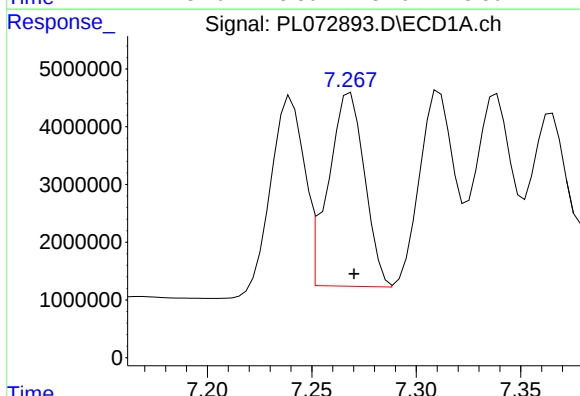
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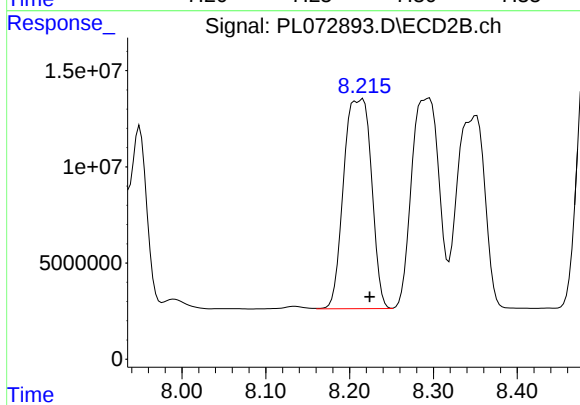
#9 Endosulfan I

R.T.: 8.350 min
Delta R.T.: -0.008 min
Response: 227546949
Conc: 130.06 ng/ml



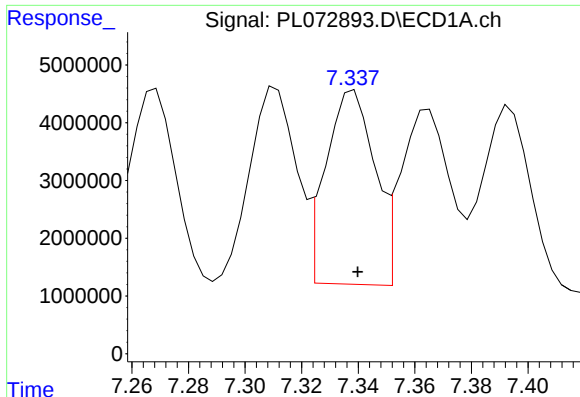
#10 gamma-Chlordane

R.T.: 7.267 min
Delta R.T.: -0.003 min
Response: 39336151
Conc: 62.10 ng/ml m



#10 gamma-Chlordane

R.T.: 8.214 min
Delta R.T.: -0.009 min
Response: 250859852
Conc: 129.69 ng/ml



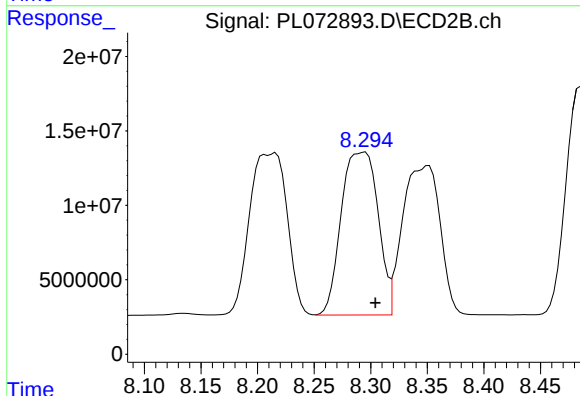
#11 alpha-Chlordane

R.T.: 7.339 min
Delta R.T.: -0.001 min
Response: 40079849
Conc: 62.94 ng/ml

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

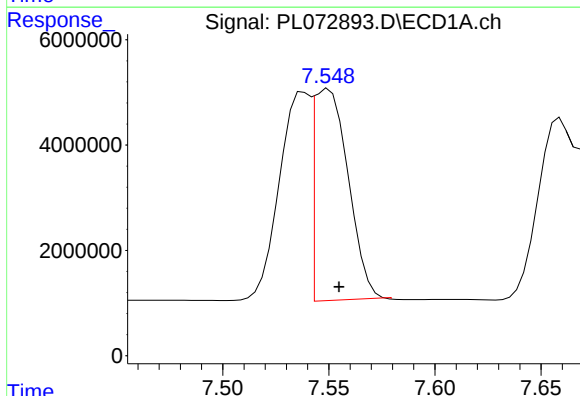
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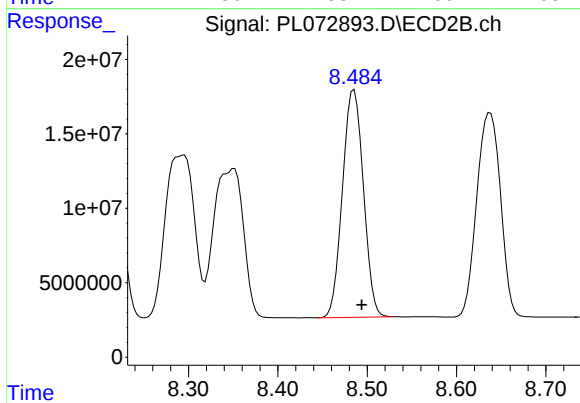
#11 alpha-Chlordane

R.T.: 8.294 min
Delta R.T.: -0.010 min
Response: 246831317
Conc: 129.91 ng/ml



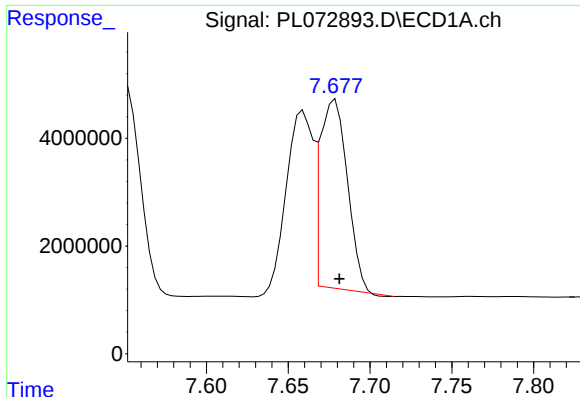
#12 4,4'-DDE

R.T.: 7.548 min
Delta R.T.: -0.006 min
Response: 42089779
Conc: 69.26 ng/ml m



#12 4,4'-DDE

R.T.: 8.484 min
Delta R.T.: -0.010 min
Response: 249254422
Conc: 133.36 ng/ml m



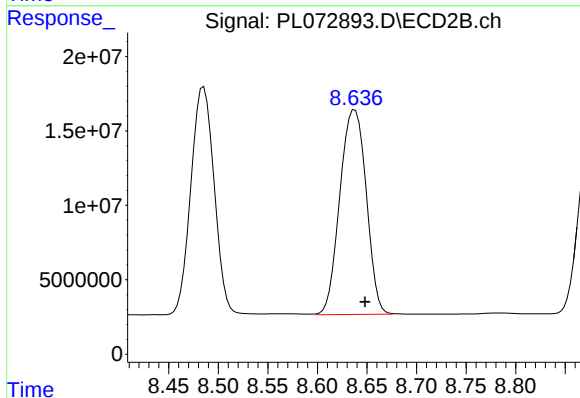
#13 Dieldrin

R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 40615349
Conc: 64.32 ng/ml

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

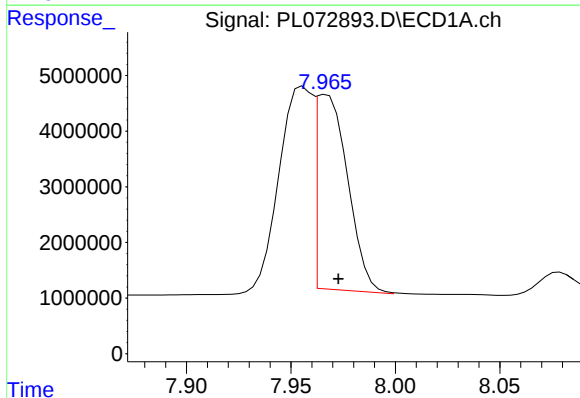
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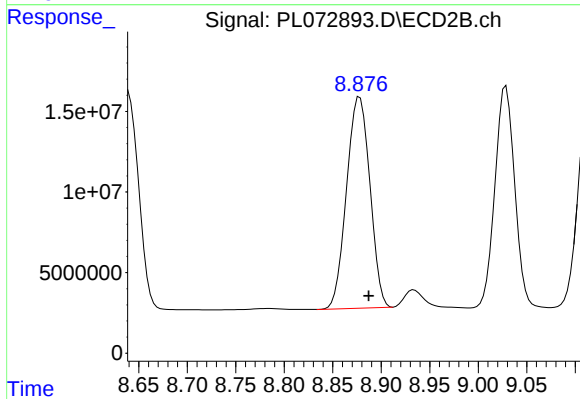
#13 Dieldrin

R.T.: 8.636 min
Delta R.T.: -0.011 min
Response: 254970203
Conc: 136.81 ng/ml m



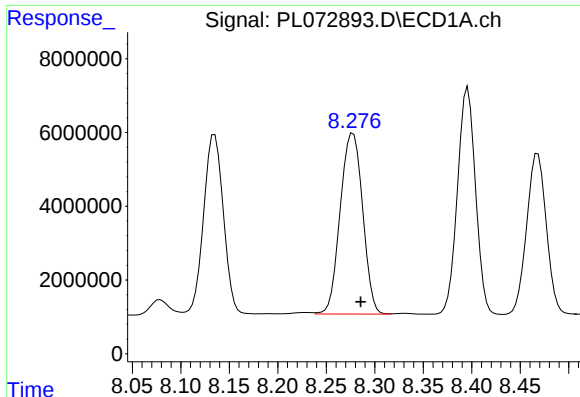
#14 Endrin

R.T.: 7.965 min
Delta R.T.: -0.008 min
Response: 34055851
Conc: 58.13 ng/ml m



#14 Endrin

R.T.: 8.876 min
Delta R.T.: -0.011 min
Response: 219833474
Conc: 139.52 ng/ml m



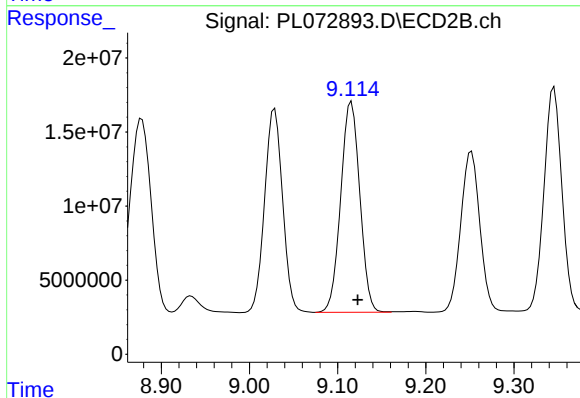
#15 Endosulfan II

R.T.: 8.278 min
Delta R.T.: -0.008 min
Response: 78954906
Conc: 129.77 ng/ml

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

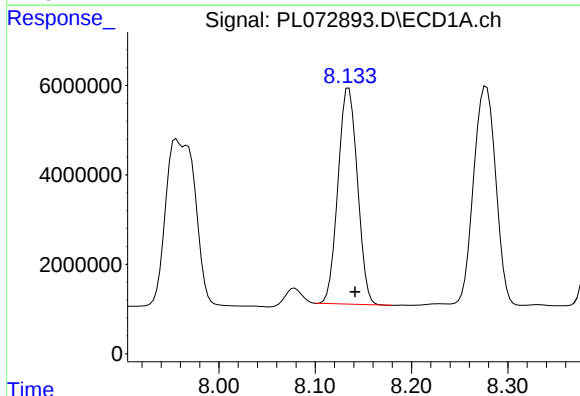
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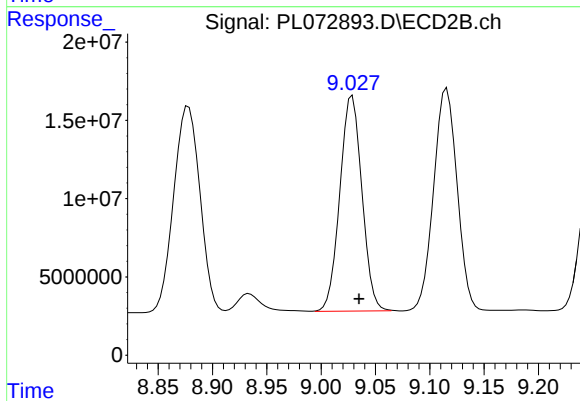
#15 Endosulfan II

R.T.: 9.116 min
Delta R.T.: -0.007 min
Response: 214178492
Conc: 127.39 ng/ml



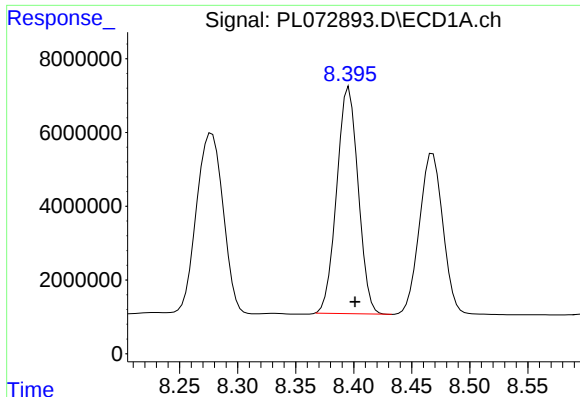
#16 4,4'-DDD

R.T.: 8.135 min
Delta R.T.: -0.007 min
Response: 67564140
Conc: 140.44 ng/ml



#16 4,4'-DDD

R.T.: 9.027 min
Delta R.T.: -0.008 min
Response: 194805030
Conc: 140.78 ng/ml m



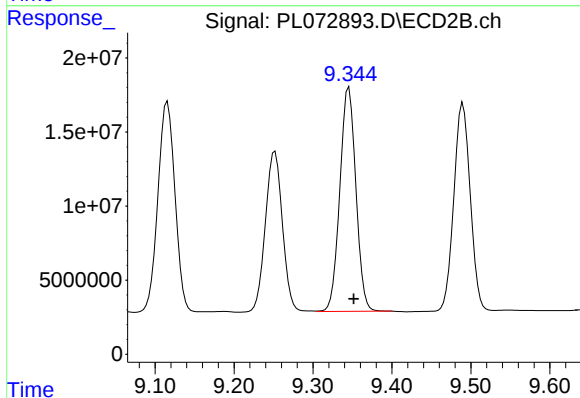
#17 4,4'-DDT

R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 79030701
Conc: 146.87 ng/ml

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

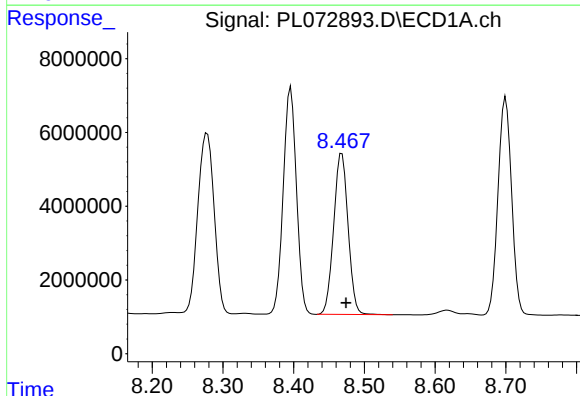
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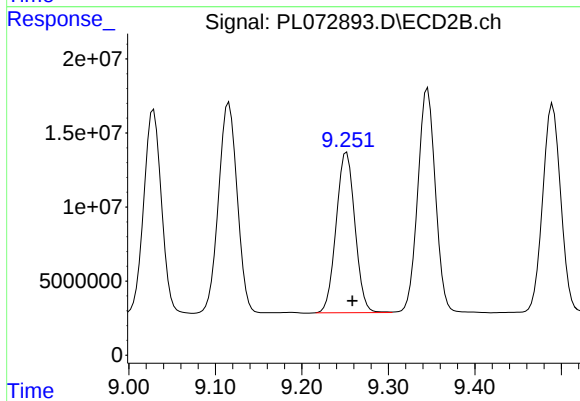
#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.006 min
Response: 213631486
Conc: 139.55 ng/ml



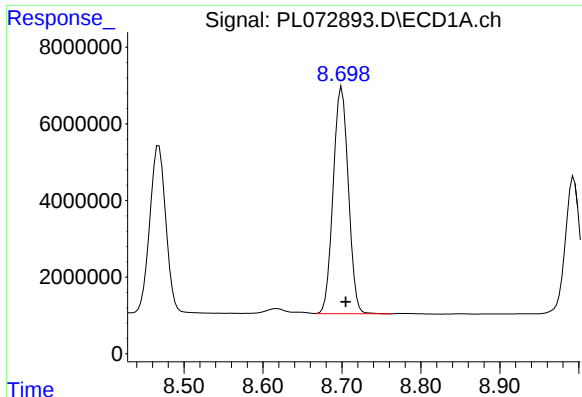
#18 Endrin aldehyde

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 61735781
Conc: 141.63 ng/ml



#18 Endrin aldehyde

R.T.: 9.252 min
Delta R.T.: -0.007 min
Response: 162298281
Conc: 144.20 ng/ml



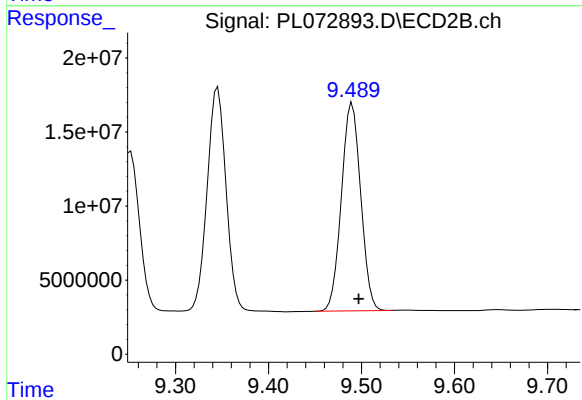
#19 Endosulfan Sulfate

R.T.: 8.700 min
Delta R.T.: -0.005 min
Response: 79009707
Conc: 132.77 ng/ml

Instrument :
ECD_L
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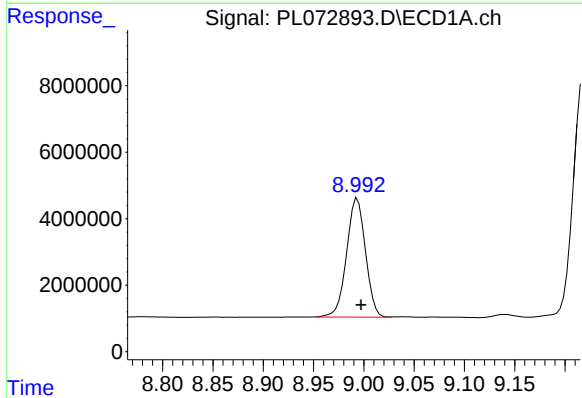
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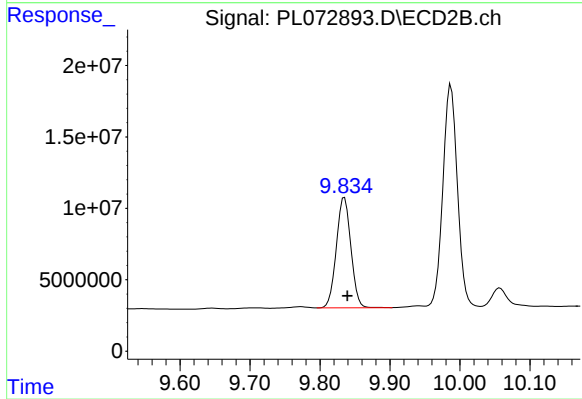
#19 Endosulfan Sulfate

R.T.: 9.490 min
Delta R.T.: -0.007 min
Response: 202343260
Conc: 135.26 ng/ml



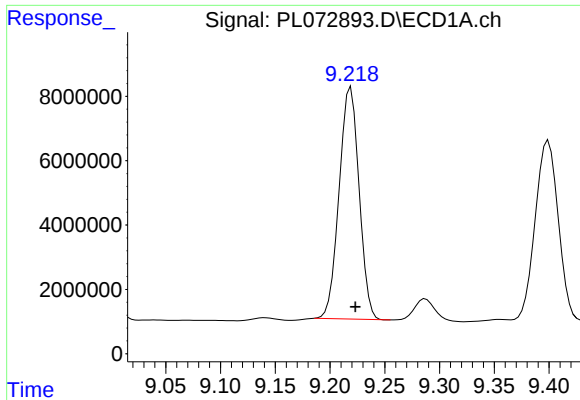
#20 Methoxychlor

R.T.: 8.994 min
Delta R.T.: -0.004 min
Response: 46615101
Conc: 132.57 ng/ml



#20 Methoxychlor

R.T.: 9.835 min
Delta R.T.: -0.004 min
Response: 111343602
Conc: 137.52 ng/ml



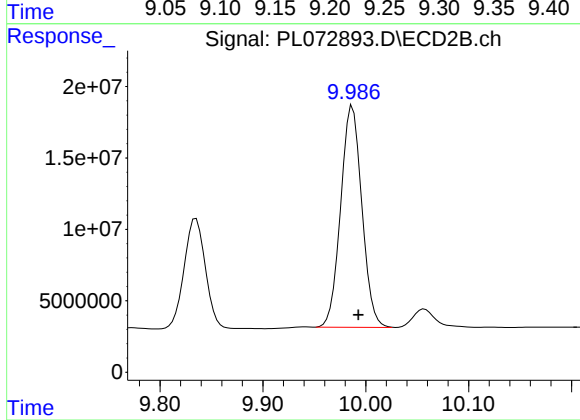
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.004 min
Response: 91407611
Conc: 133.00 ng/ml

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

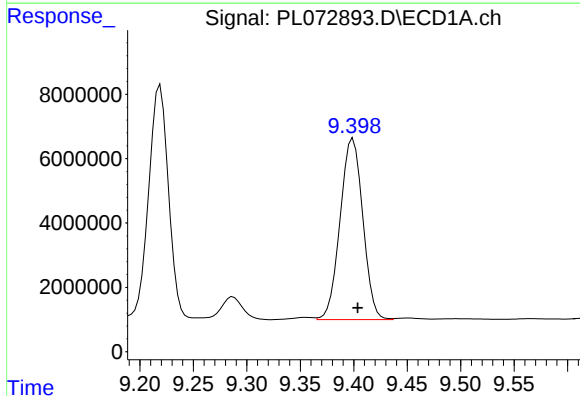
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/23/2022
Supervised By :Ankita Jodhani 02/23/2022



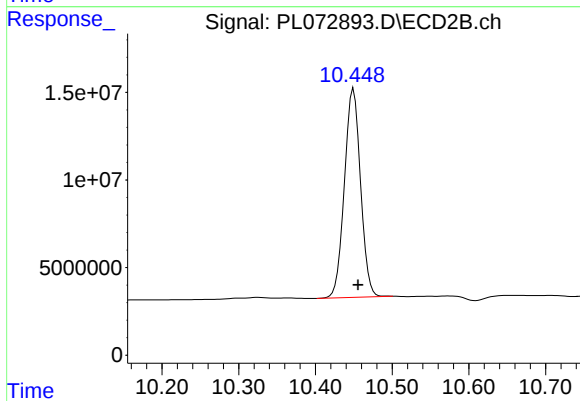
#21 Endrin ketone

R.T.: 9.986 min
Delta R.T.: -0.007 min
Response: 221903606
Conc: 139.27 ng/ml m



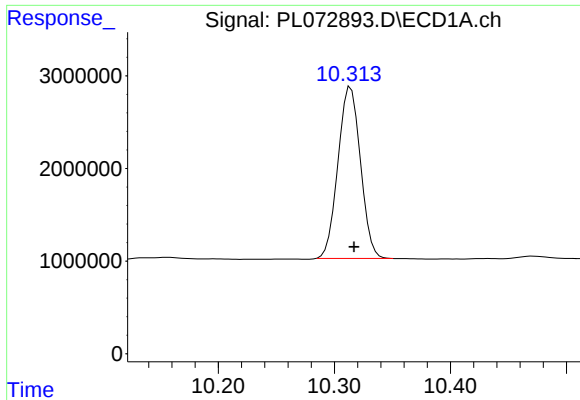
#22 Mirex

R.T.: 9.399 min
Delta R.T.: -0.005 min
Response: 83371769
Conc: 140.53 ng/ml



#22 Mirex

R.T.: 10.450 min
Delta R.T.: -0.006 min
Response: 175029734
Conc: 149.10 ng/ml



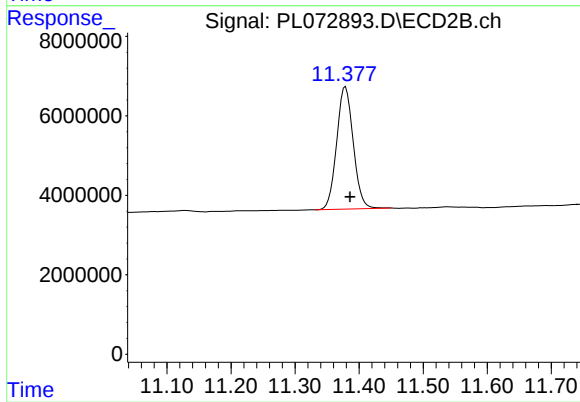
#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.003 min
Response: 24954180
Conc: 32.96 ng/ml

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

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/23/2022



#28 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 55365040
Conc: 34.91 ng/ml