

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011822\
 Data File : PL072081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2022 22:00
 Operator : AR\AJ
 Sample : N1154-10MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20220029-KEANSBURG-3-COMP-SPLP-LEACHATEMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/19/2022
 Supervised By :Ankita Jodhani 01/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 04:29:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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	5.492	11212560	32095594	20.196	19.762
28)	SA Decachlor...	10.319	11.386	11111225	20485100	12.507	12.696
Target Compounds							
2)	A alpha-BHC	5.263	6.074	35896676	114.8E6	46.425	47.582
3)	MA gamma-BHC...	5.686	6.470	35408688	105.9E6	46.960	47.078
4)	MA Heptachlor	6.092	7.116	39196270	106.5E6	45.435	45.935
5)	MB Aldrin	6.416	7.486	36717503	100.1E6	46.499	45.251
6)	B beta-BHC	6.071	6.729	15491986	45894807	46.865	46.353
7)	B delta-BHC	6.329	6.995	29778272	84307650	37.592	34.267
8)	B Heptachlo...	6.992	7.953	35621169	91438639	46.794m	45.667
9)	A Endosulfan I	7.396	8.358	33228943	82741519	46.755	45.712
10)	B gamma-Chl...	7.271	8.223	35793140	90751558	45.555	44.908
11)	B alpha-Chl...	7.341	8.304	35966070	89594347	45.846	45.186
12)	B 4,4'-DDE	7.555	8.494	32541753	84392758	45.073	44.623
13)	MA Dieldrin	7.682	8.648	36065792	88791201	47.604	45.196
14)	MA Endrin	7.973	8.887	33514952	75915614	47.833	45.787
15)	B Endosulfa...	8.286	9.123	32809580	75863965	44.127	44.238
16)	A 4,4'-DDD	8.142	9.034	26797522	65025927	45.712	45.480
17)	MA 4,4'-DDT	8.403	9.351	29010197	69414000	43.685	43.918
18)	B Endrin al...	8.475	9.258	25453916	56867877	44.676	45.810
19)	B Endosulfa...	8.706	9.496	31889383	67778720	43.494	43.416
20)	A Methoxychlor	8.998	9.839	18614159	36427995	44.120	43.977
21)	B Endrin ke...	9.224	9.992	37225016	72762607	44.704	43.965
22)	Mirex	9.406	10.456	33598759	57370497	45.497	45.978

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

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 ALS Vial : 35 Sample Multiplier: 1

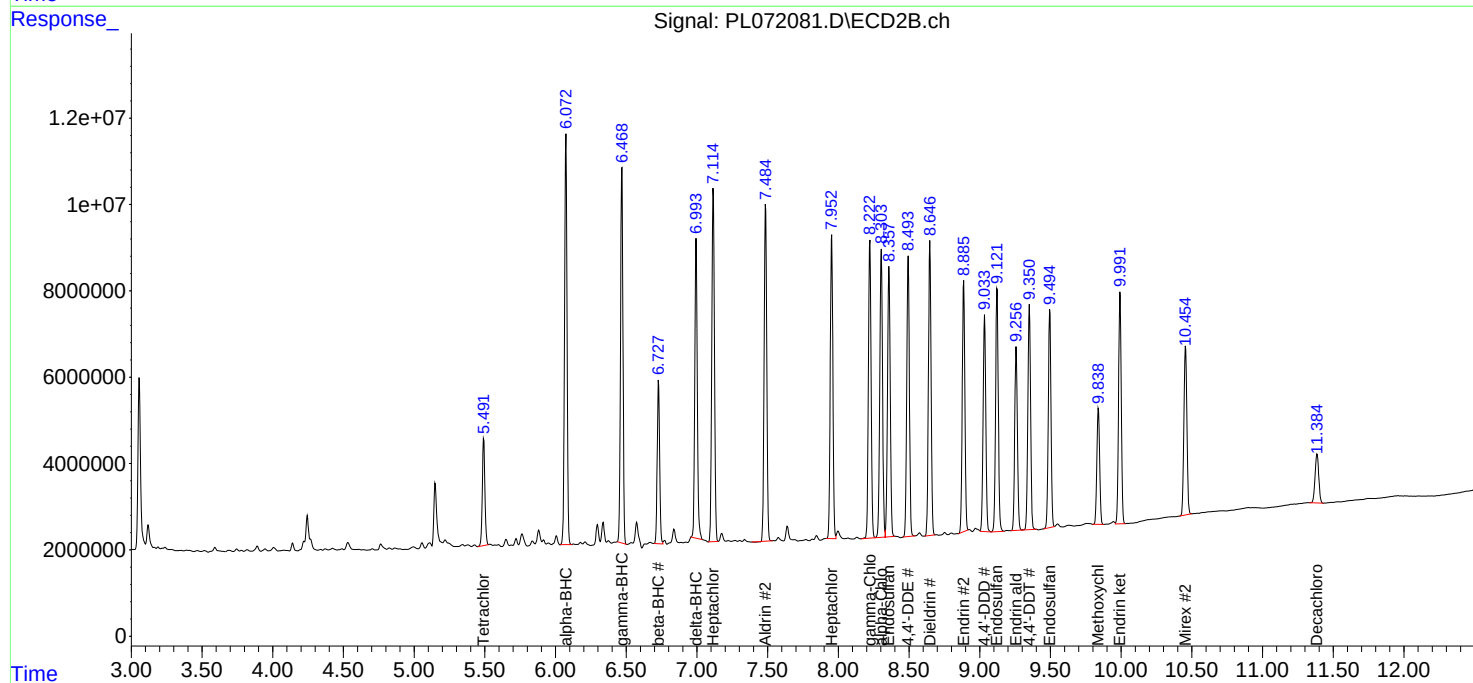
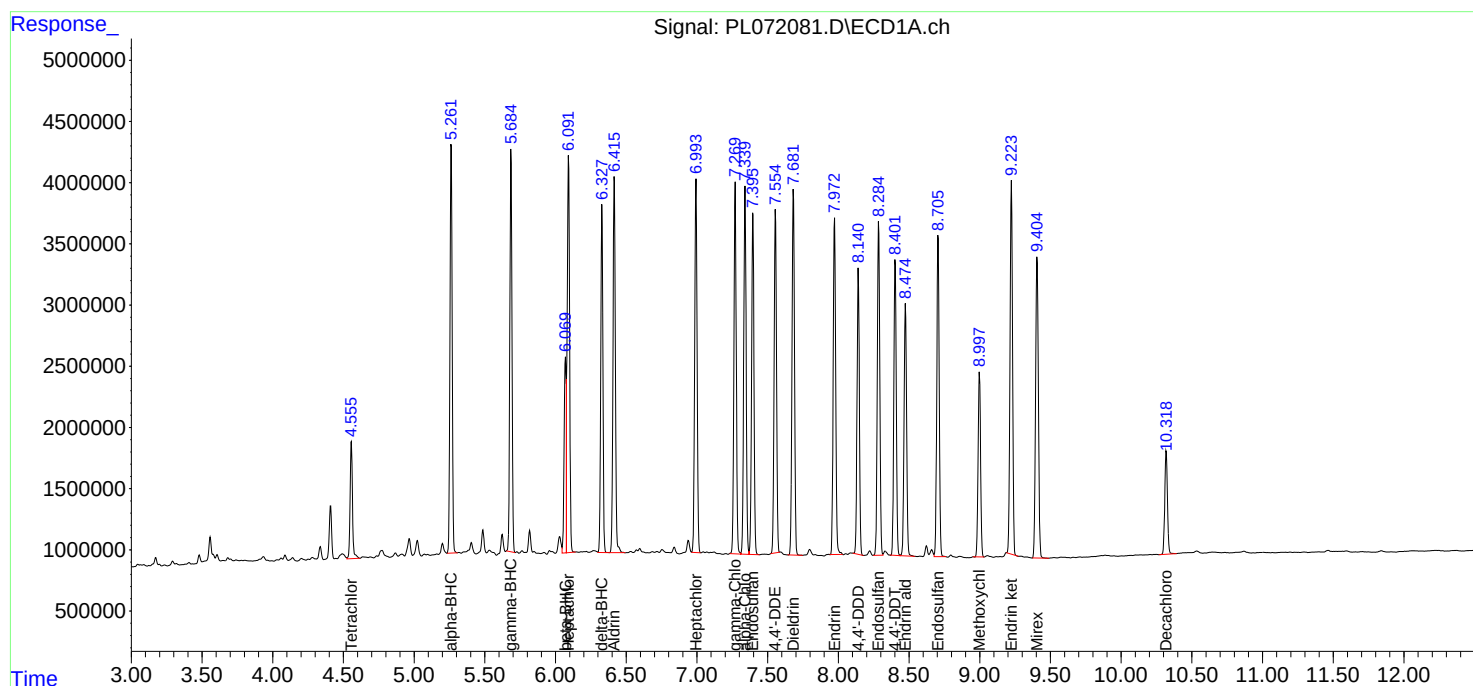
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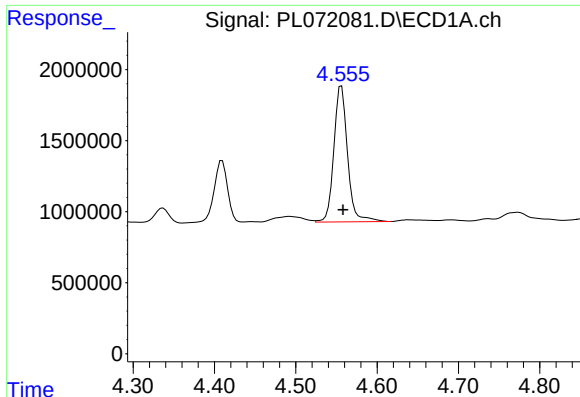
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





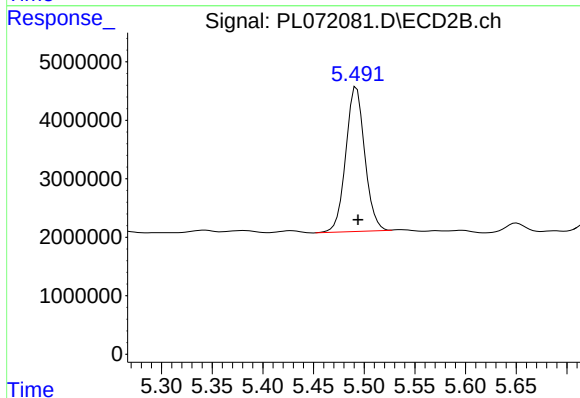
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 11212560
Conc: 20.20 ng/ml

Instrument :
ECD_L
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20220029-KEANSBURG-3-COMP-SPLP-LEACHATEMSD

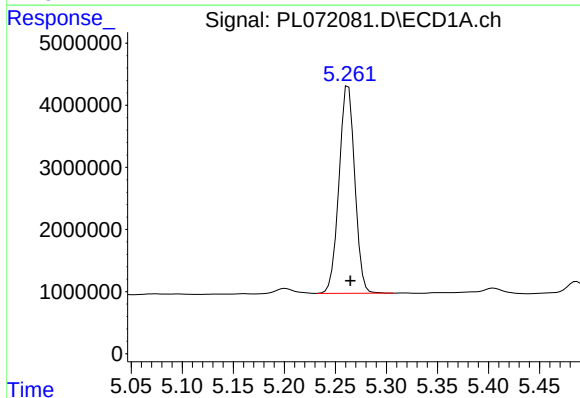
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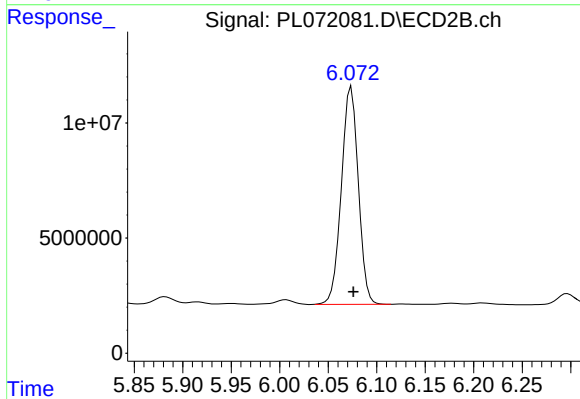
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 32095594
Conc: 19.76 ng/ml



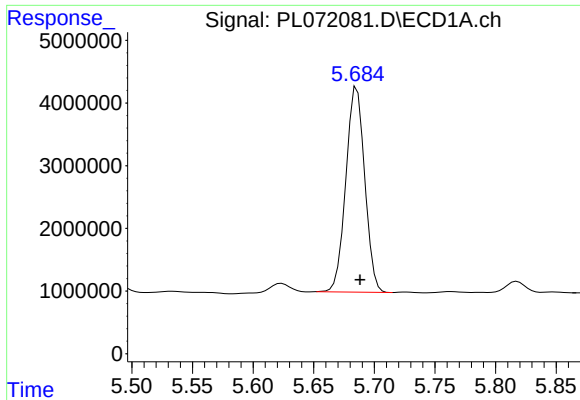
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 35896676
Conc: 46.42 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 114809344
Conc: 47.58 ng/ml



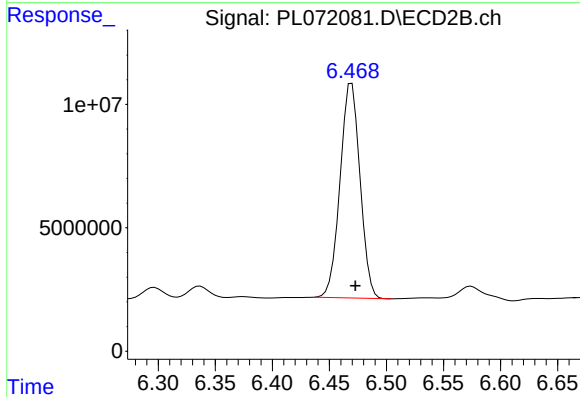
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 35408688
Conc: 46.96 ng/ml

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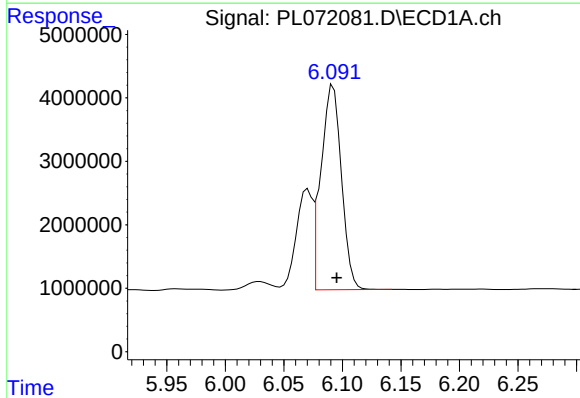
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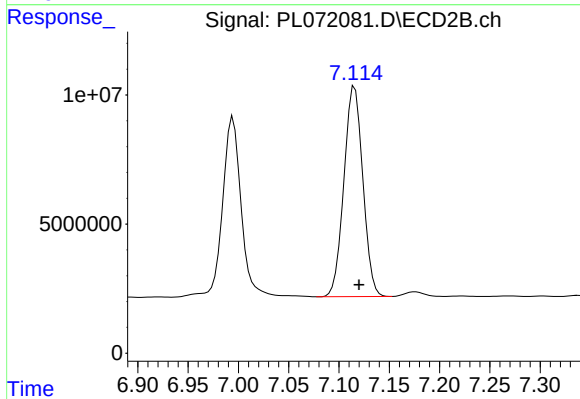
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 105940286
Conc: 47.08 ng/ml



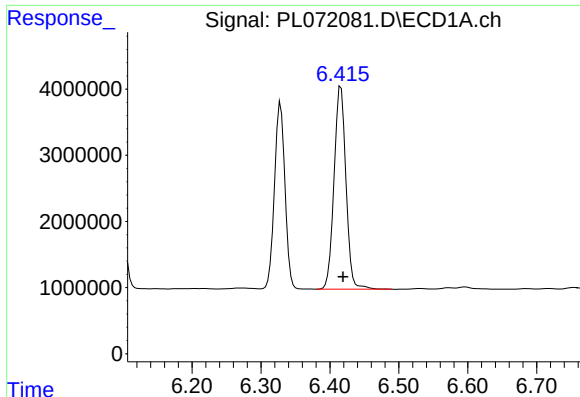
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 39196270
Conc: 45.43 ng/ml



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 106499045
Conc: 45.93 ng/ml



#5 Aldrin

R.T.: 6.416 min
Delta R.T.: -0.003 min
Response: 36717503
Conc: 46.50 ng/ml

Instrument :

ECD_L

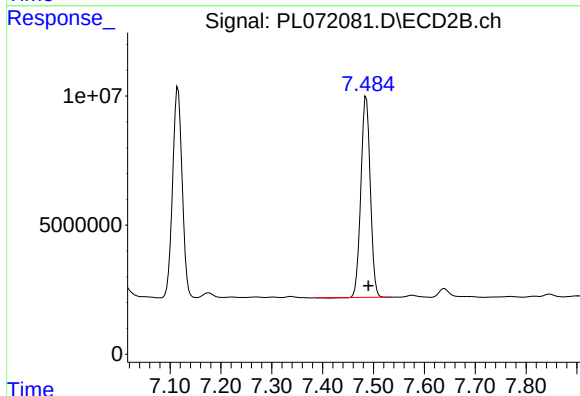
ClientSampleId :

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Manual Integrations

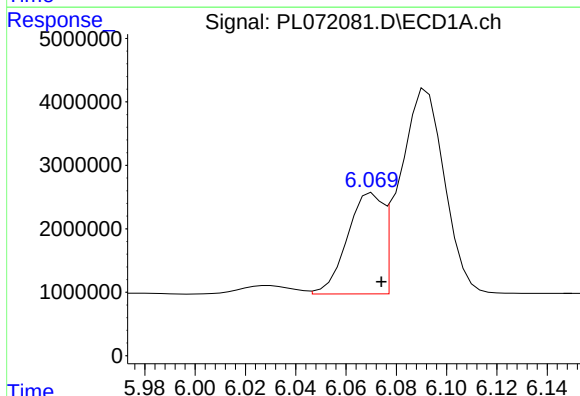
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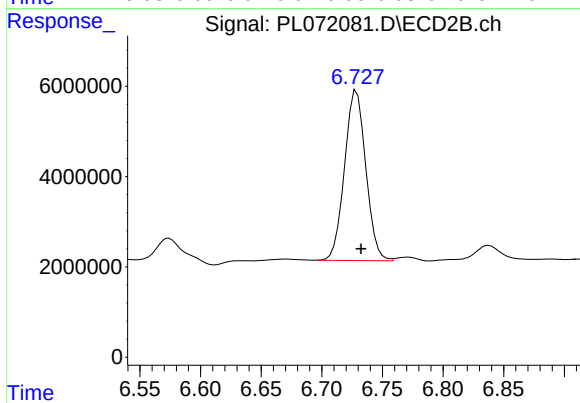
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: -0.004 min
Response: 100059545
Conc: 45.25 ng/ml



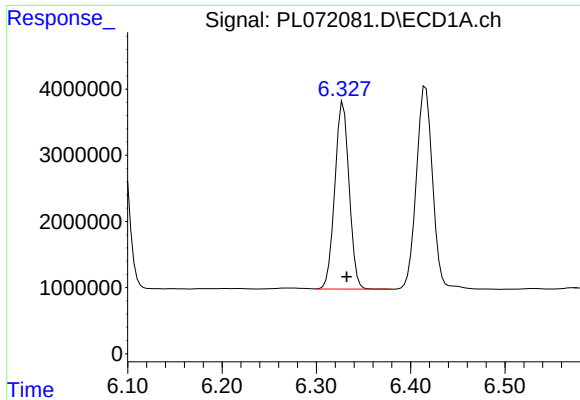
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 15491986
Conc: 46.87 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 45894807
Conc: 46.35 ng/ml



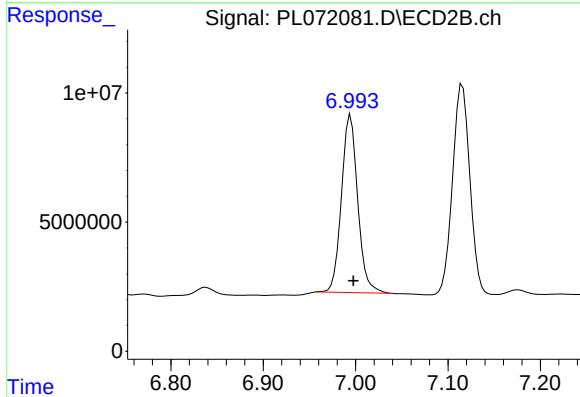
#7 delta-BHC

R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 29778272
Conc: 37.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220029-KEANSBURG-3-COMP-SPLP-LEACHATEMSD

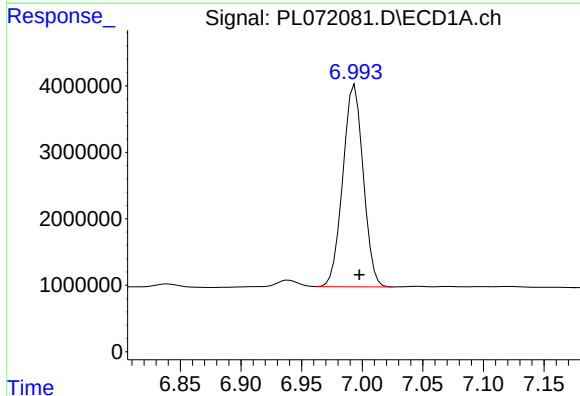
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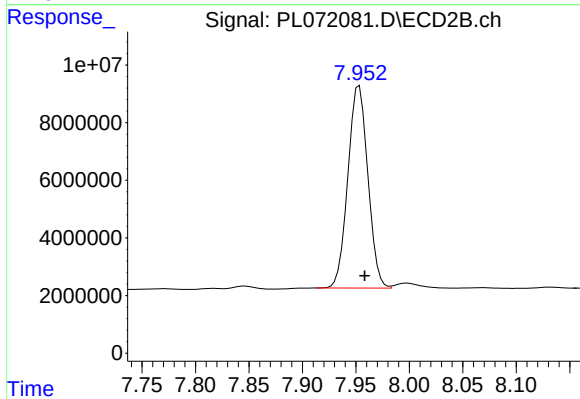
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 84307650
Conc: 34.27 ng/ml



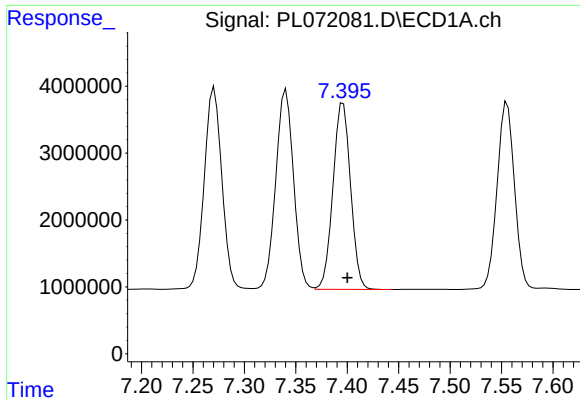
#8 Heptachlor epoxide

R.T.: 6.992 min
Delta R.T.: -0.005 min
Response: 35621169
Conc: 46.79 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.953 min
Delta R.T.: -0.005 min
Response: 91438639
Conc: 45.67 ng/ml



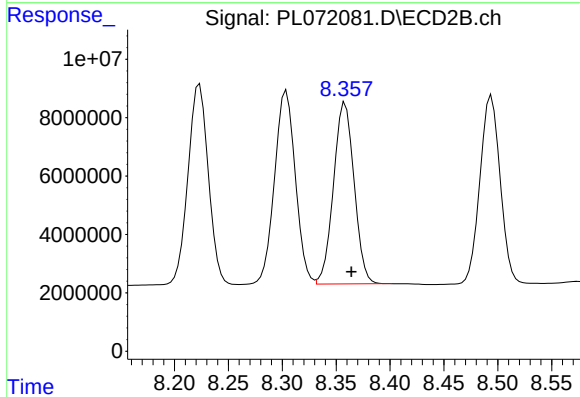
#9 Endosulfan I

R.T.: 7.396 min
Delta R.T.: -0.004 min
Response: 33228943
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220029-KEANSBURG-3-COMP-SPLP-LEACHATEMSD

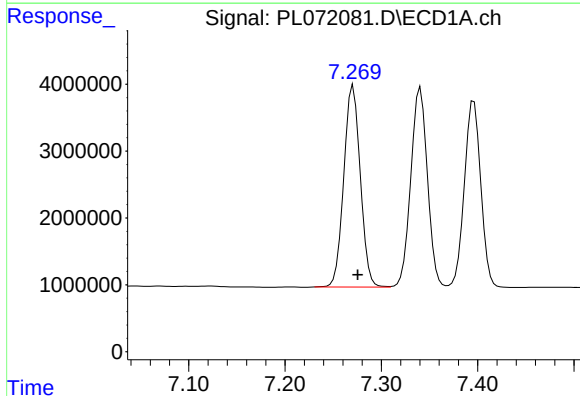
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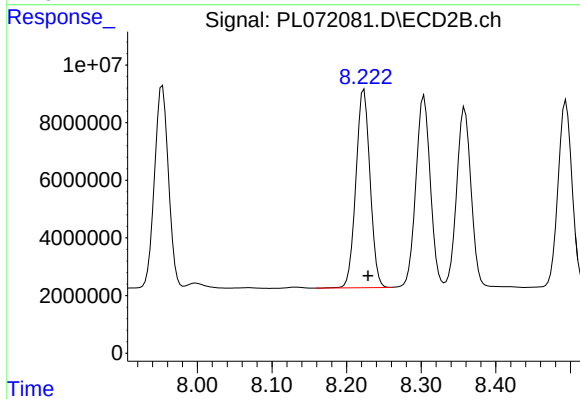
#9 Endosulfan I

R.T.: 8.358 min
Delta R.T.: -0.006 min
Response: 82741519
Conc: 45.71 ng/ml



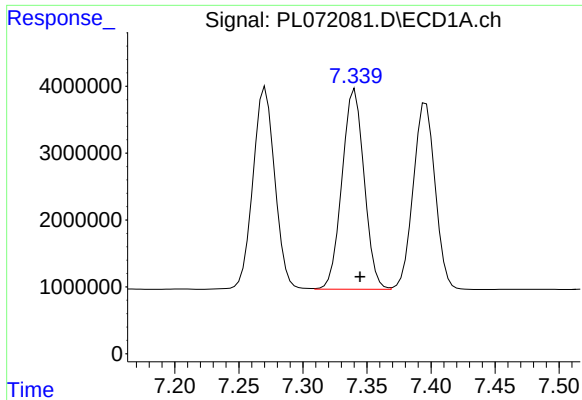
#10 gamma-Chlordane

R.T.: 7.271 min
Delta R.T.: -0.005 min
Response: 35793140
Conc: 45.55 ng/ml



#10 gamma-Chlordane

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 90751558
Conc: 44.91 ng/ml



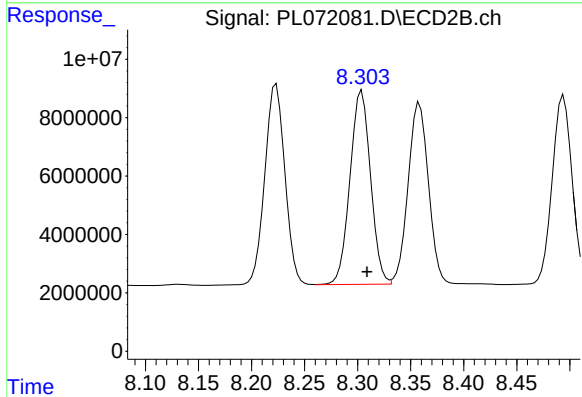
#11 alpha-Chlordane

R.T.: 7.341 min
Delta R.T.: -0.004 min
Response: 35966070
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220029-KEANSBURG-3-COMP-SPLP-LEACHATEMSD

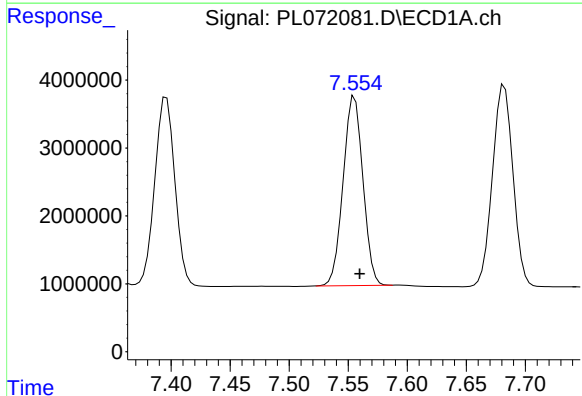
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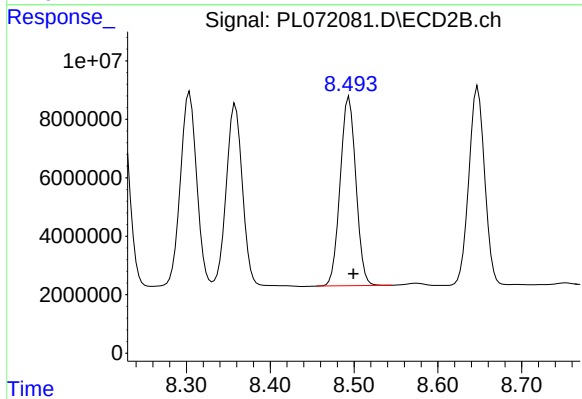
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 89594347
Conc: 45.19 ng/ml



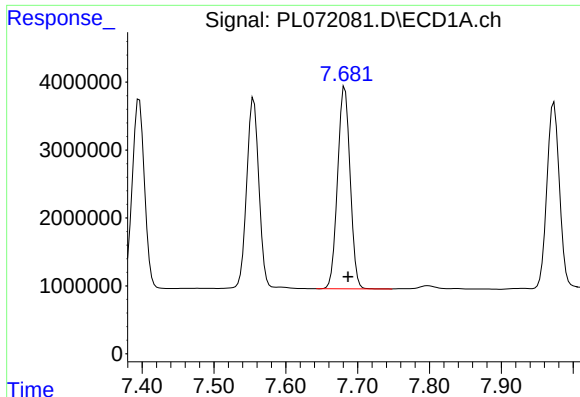
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.004 min
Response: 32541753
Conc: 45.07 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 84392758
Conc: 44.62 ng/ml



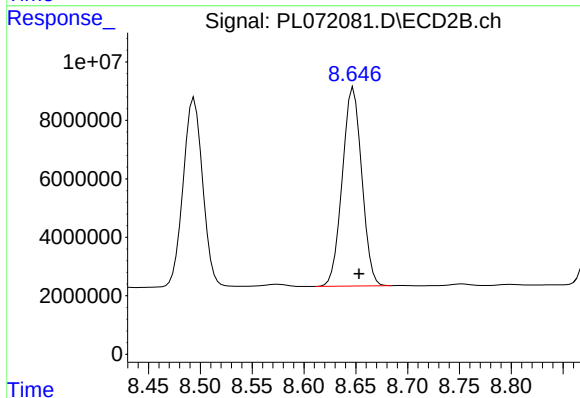
#13 Dieldrin

R.T.: 7.682 min
Delta R.T.: -0.004 min
Response: 36065792
Conc: 47.60 ng/ml

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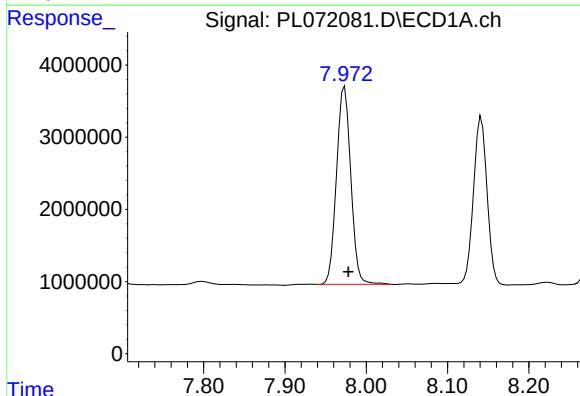
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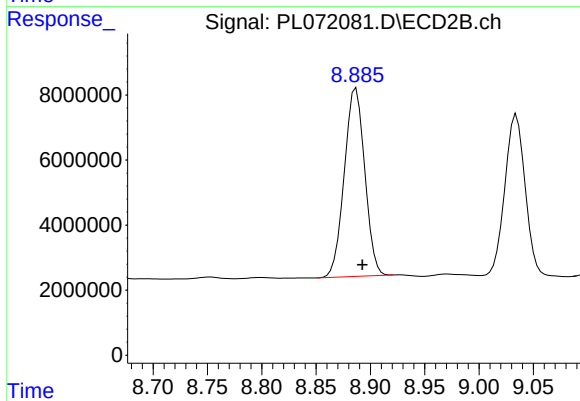
#13 Dieldrin

R.T.: 8.648 min
Delta R.T.: -0.005 min
Response: 88791201
Conc: 45.20 ng/ml



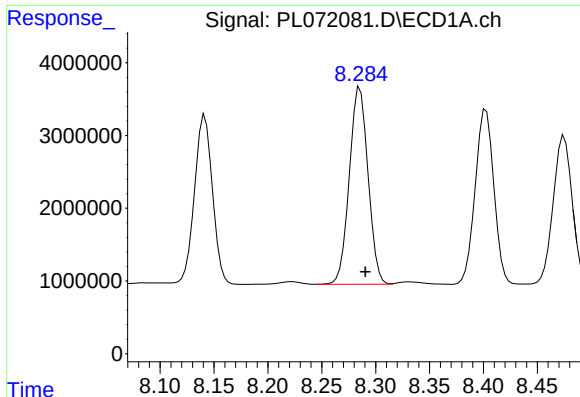
#14 Endrin

R.T.: 7.973 min
Delta R.T.: -0.005 min
Response: 33514952
Conc: 47.83 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: -0.006 min
Response: 75915614
Conc: 45.79 ng/ml



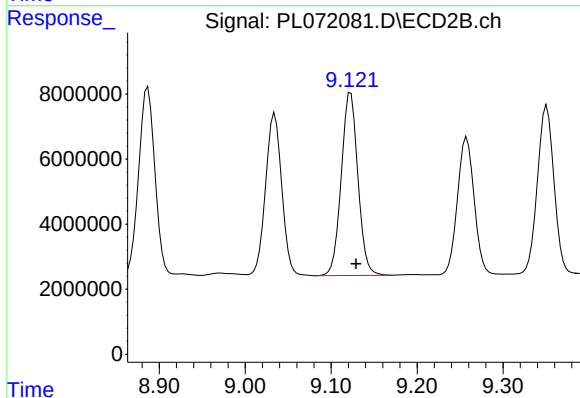
#15 Endosulfan II

R.T.: 8.286 min
Delta R.T.: -0.005 min
Response: 32809580
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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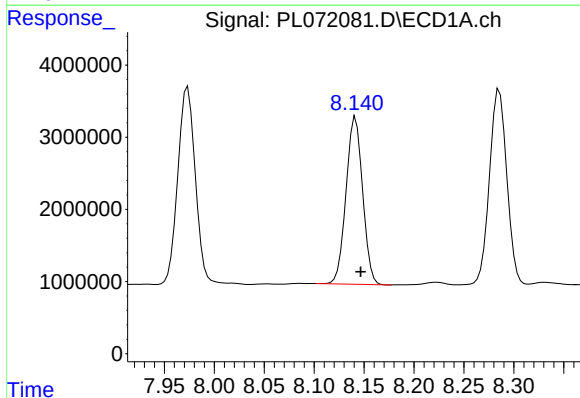
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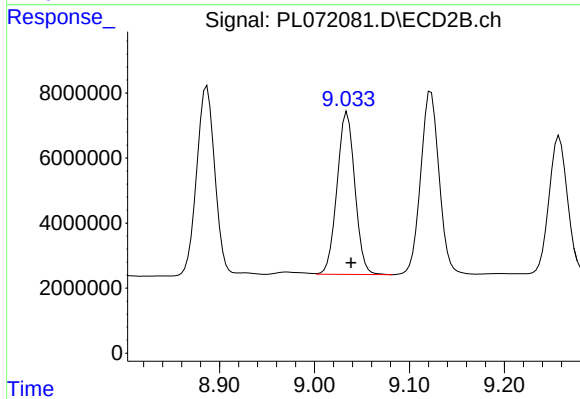
#15 Endosulfan II

R.T.: 9.123 min
Delta R.T.: -0.006 min
Response: 75863965
Conc: 44.24 ng/ml



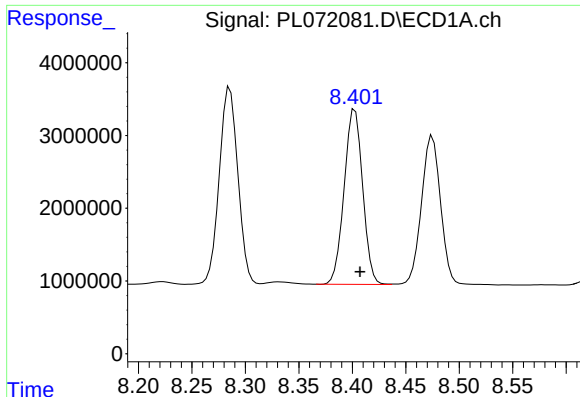
#16 4,4'-DDD

R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 26797522
Conc: 45.71 ng/ml



#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.004 min
Response: 65025927
Conc: 45.48 ng/ml



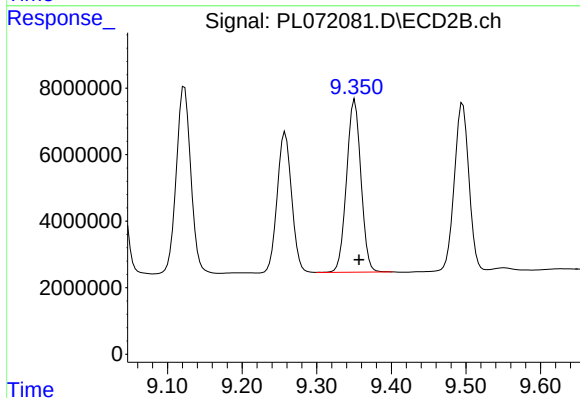
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: -0.005 min
Response: 29010197
Conc: 43.69 ng/ml

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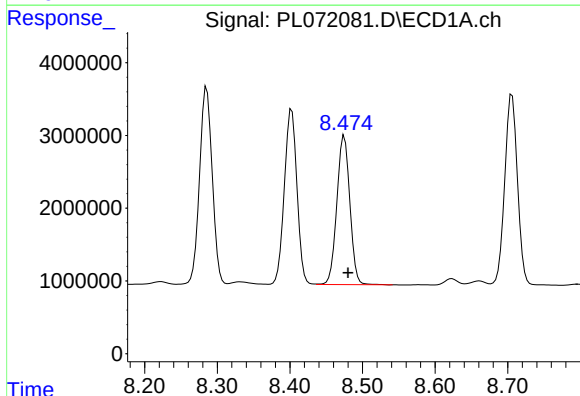
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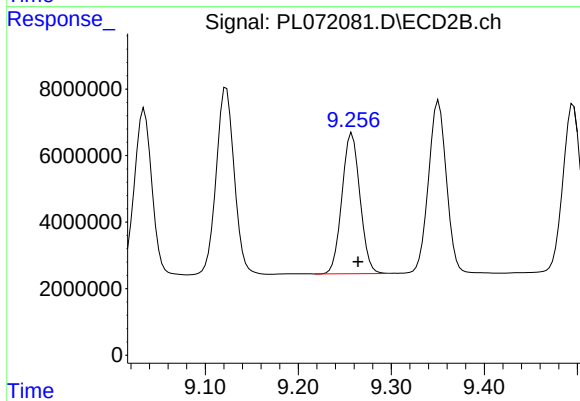
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.006 min
Response: 69414000
Conc: 43.92 ng/ml



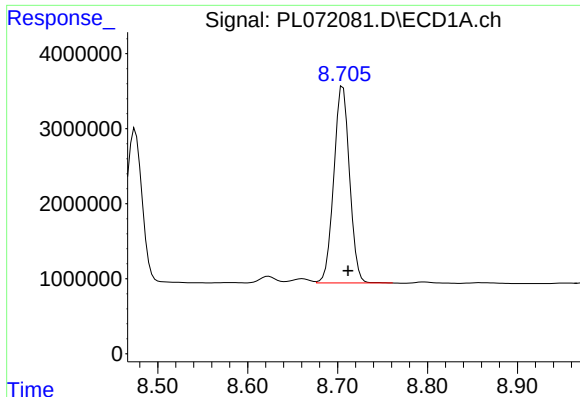
#18 Endrin aldehyde

R.T.: 8.475 min
Delta R.T.: -0.005 min
Response: 25453916
Conc: 44.68 ng/ml



#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: -0.006 min
Response: 56867877
Conc: 45.81 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.706 min
Delta R.T.: -0.006 min
Response: 31889383
Conc: 43.49 ng/ml

Instrument :

ECD_L

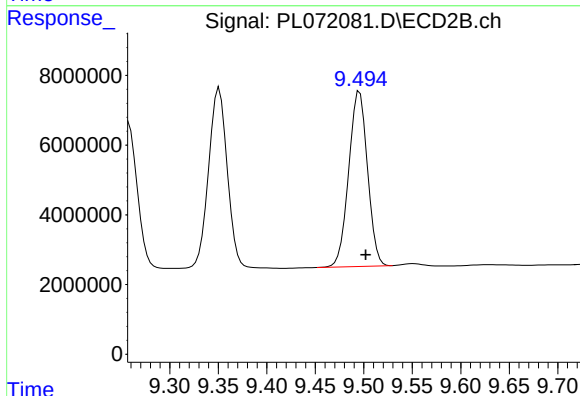
ClientSampleId :

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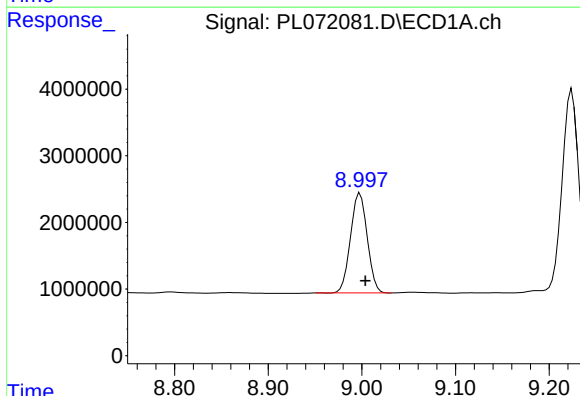
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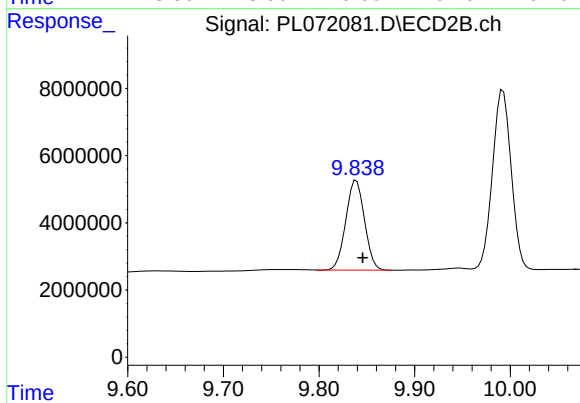
#19 Endosulfan Sulfate

R.T.: 9.496 min
Delta R.T.: -0.006 min
Response: 67778720
Conc: 43.42 ng/ml



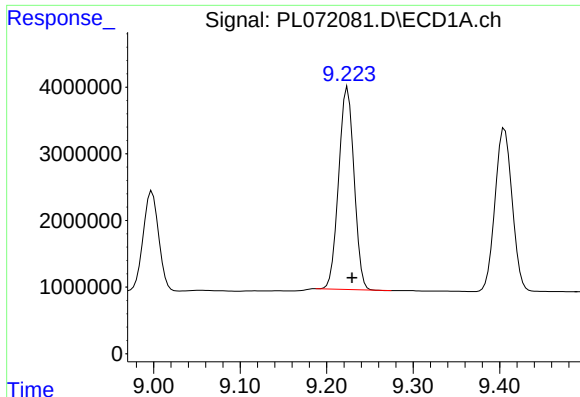
#20 Methoxychlor

R.T.: 8.998 min
Delta R.T.: -0.006 min
Response: 18614159
Conc: 44.12 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: -0.007 min
Response: 36427995
Conc: 43.98 ng/ml



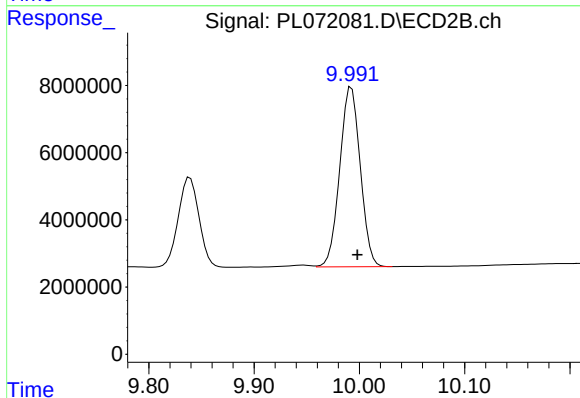
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: -0.005 min
Response: 37225016
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220029-KEANSBURG-3-COMP-SPLP-LEACHATEMSD

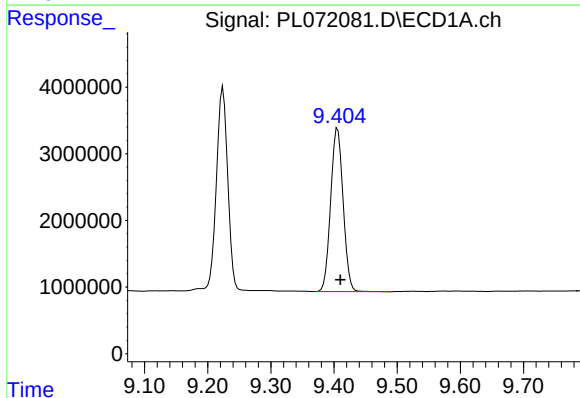
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/19/2022
Supervised By :Ankita Jodhani 01/19/2022



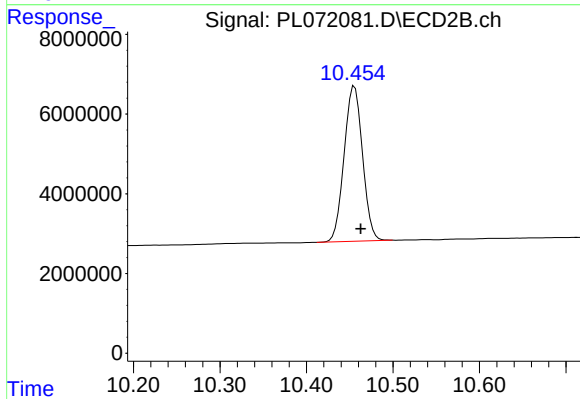
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: -0.005 min
Response: 72762607
Conc: 43.97 ng/ml



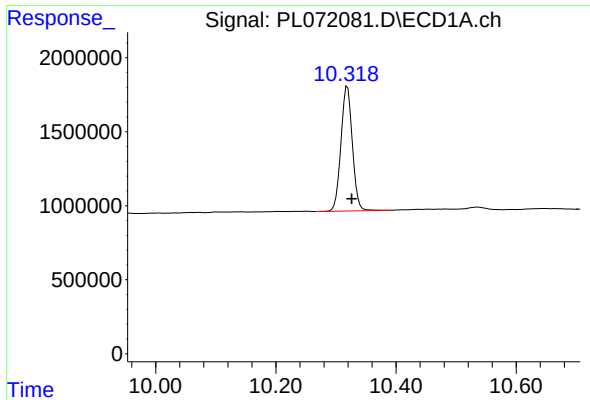
#22 Mirex

R.T.: 9.406 min
Delta R.T.: -0.005 min
Response: 33598759
Conc: 45.50 ng/ml



#22 Mirex

R.T.: 10.456 min
Delta R.T.: -0.007 min
Response: 57370497
Conc: 45.98 ng/ml



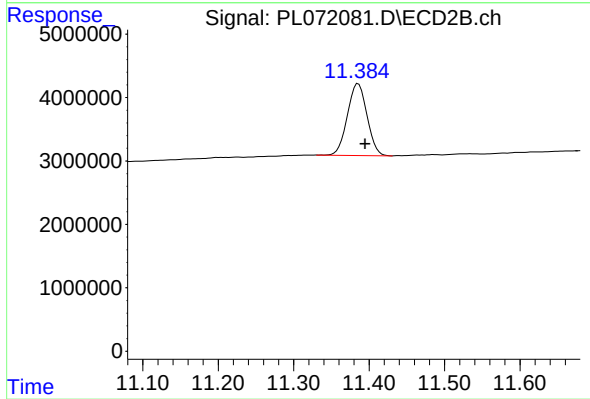
#28 Decachlorobiphenyl

R.T.: 10.319 min
Delta R.T.: -0.007 min
Response: 11111225
Conc: 12.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
20220029-KEANSBURG-3-COMP-SPLP-LEACHATEMSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 01/19/2022



#28 Decachlorobiphenyl

R.T.: 11.386 min
Delta R.T.: -0.009 min
Response: 20485100
Conc: 12.70 ng/ml