

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021122\
 Data File : PL072616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2022 14:35
 Operator : AR\AJ
 Sample : N1489-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/14/2022
 Supervised By :Ankita Jodhani 02/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:41:55 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...	4.555	5.491	3744469	12432900	7.777	7.198
28)	SA Decachlor...	10.317	11.385	6483120	12819640	8.564	8.084
Target Compounds							
2)	A alpha-BHC	5.262	6.073	29322195	103.8E6	44.471	43.330
3)	MA gamma-BHC...	5.685	6.469	28973525	98298635	46.101	42.693
4)	MA Heptachlor	6.089	7.115	33311896	100.3E6	45.637m	44.072
5)	MB Aldrin	6.414	7.485	31443109	97009440	48.699	45.378
6)	B beta-BHC	6.071	6.729	13991124	44472749	56.464m	43.625
7)	B delta-BHC	6.329	6.995	30556731	99570052	46.150	43.461
8)	B Heptachlo...	6.992	7.953	30949780	87233421	49.092	45.216
9)	A Endosulfan I	7.395	8.357	29121289	80686897	49.776	46.120
10)	B gamma-Chl...	7.270	8.223	31599843	89623887	49.884	46.335
11)	B alpha-Chl...	7.339	8.303	31722793	88028083	49.818	46.331
12)	B 4,4'-DDE	7.554	8.493	31149618	85843017	51.257	45.928
13)	MA Dieldrin	7.681	8.647	31498247	86866442	49.879	46.611
14)	MA Endrin	7.972	8.885	29777871	73593742	50.832	46.707
15)	B Endosulfa...	8.285	9.122	29852578	75558399	49.067	44.940
16)	A 4,4'-DDD	8.141	9.034	24787874	65445448	51.524	47.294
17)	MA 4,4'-DDT	8.401	9.350	27528440	69812930	51.160	45.604
18)	B Endrin al...	8.474	9.257	23778766	58085096	54.553	51.609
19)	B Endosulfa...	8.704	9.495	29487848	69388639	49.551	46.384
20)	A Methoxychlor	8.997	9.838	17250267	37349540	49.059	46.130
21)	B Endrin ke...	9.222	9.992	33391159	74162621	48.585	46.547
22)	Mirex	9.404	10.454	32736374	62086204	55.181	52.889

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

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 Operator : AR\AJ
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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

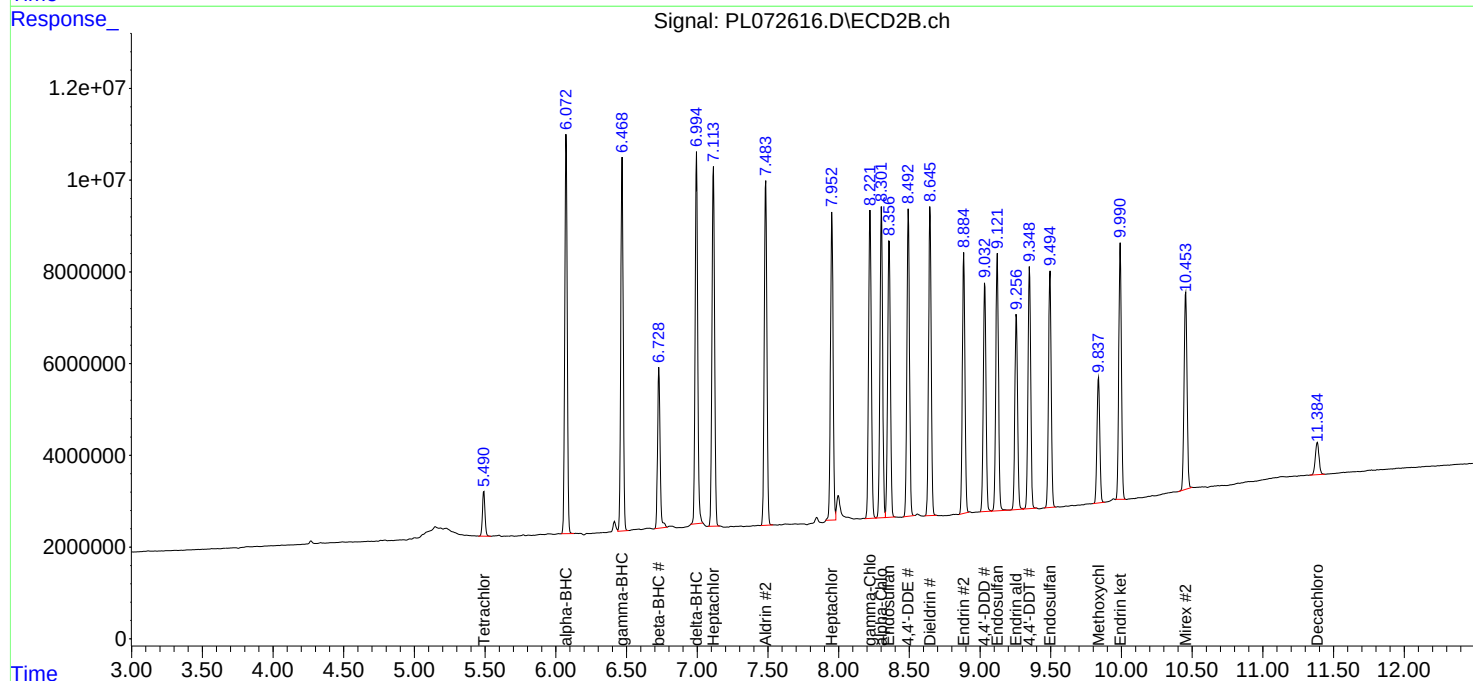
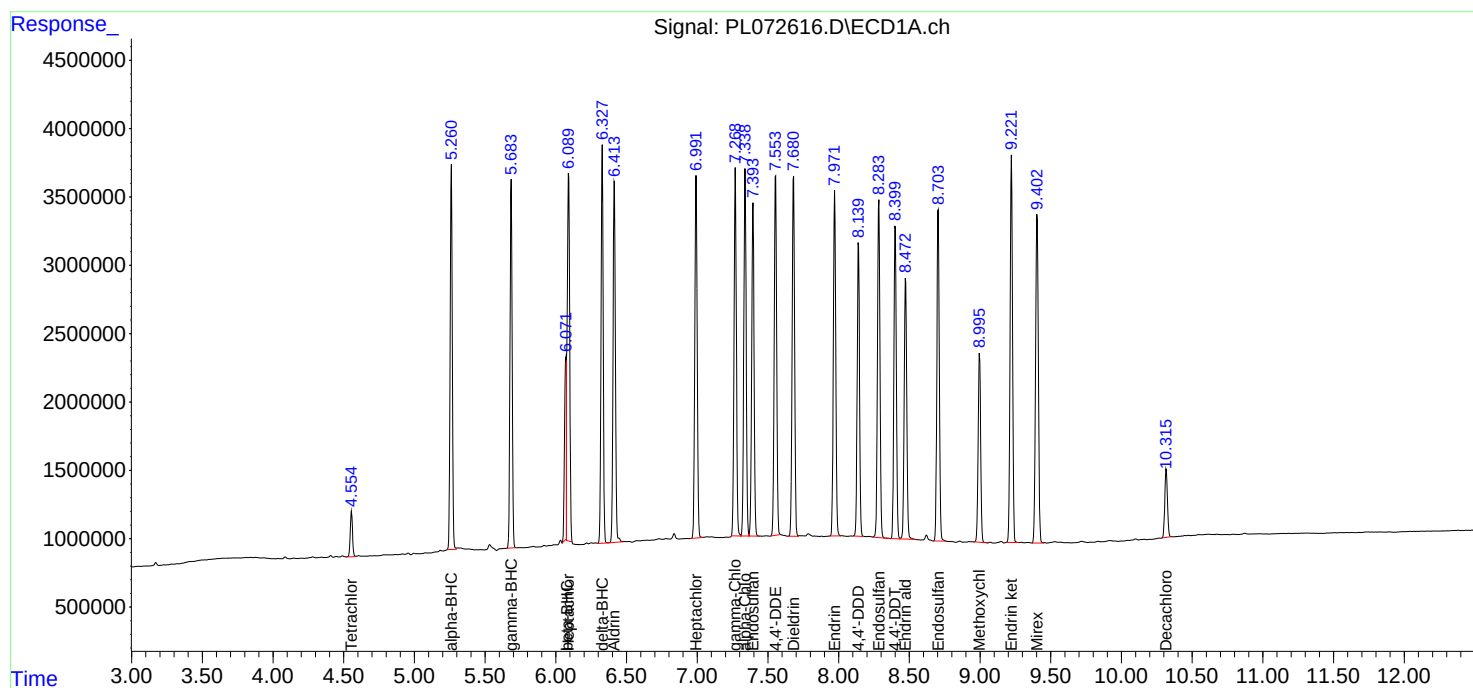
Instrument :
 ECD_L
 ClientSampleId :
 COMP-1MSD

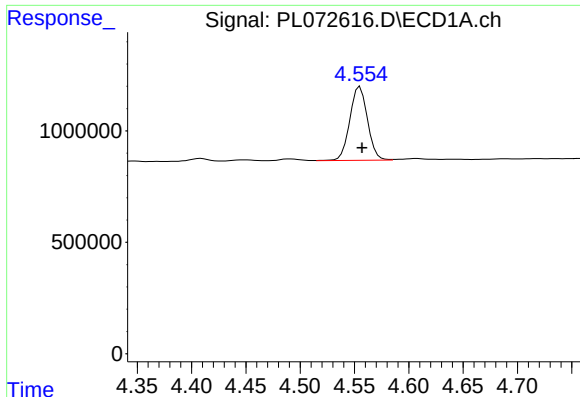
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 02/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:41:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
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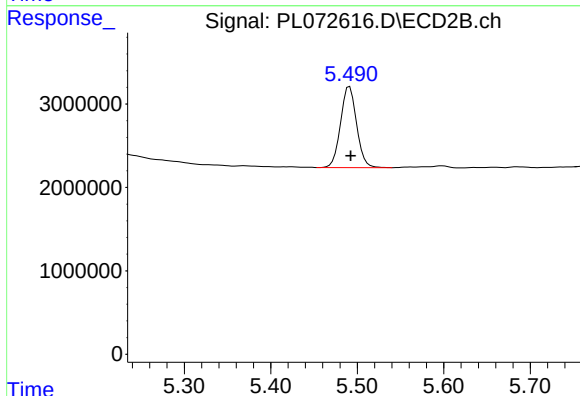
#1 Tetrachloro-m-xylene

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 3744469
Conc: 7.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

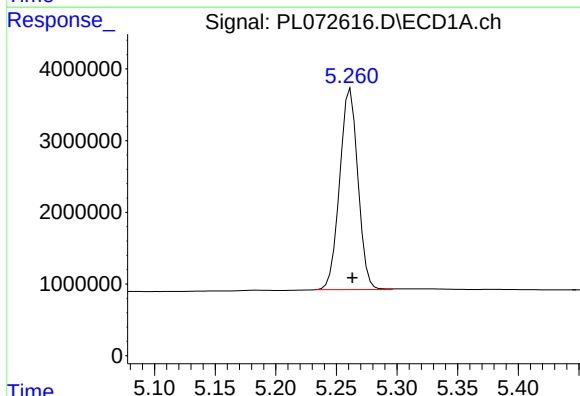
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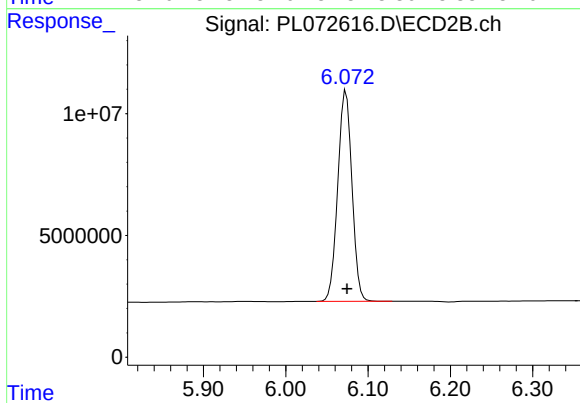
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: -0.001 min
Response: 12432900
Conc: 7.20 ng/ml



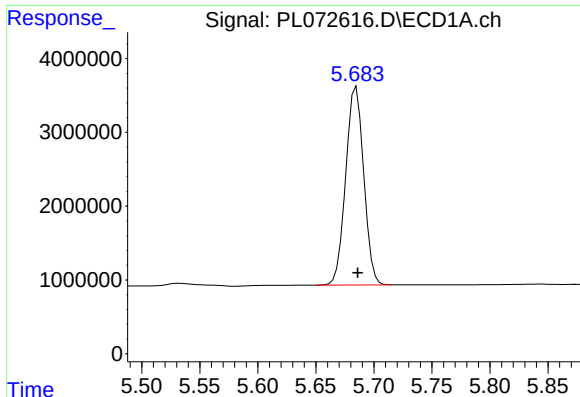
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 29322195
Conc: 44.47 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 103763890
Conc: 43.33 ng/ml



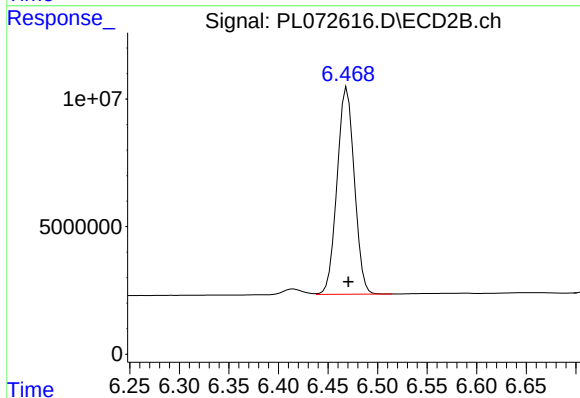
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 28973525
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

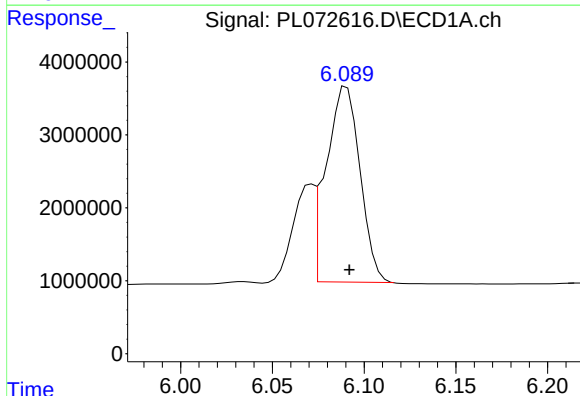
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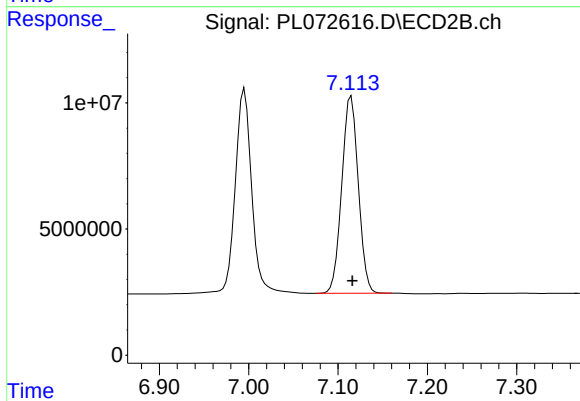
#3 gamma-BHC (Lindane)

R.T.: 6.469 min
Delta R.T.: -0.001 min
Response: 98298635
Conc: 42.69 ng/ml



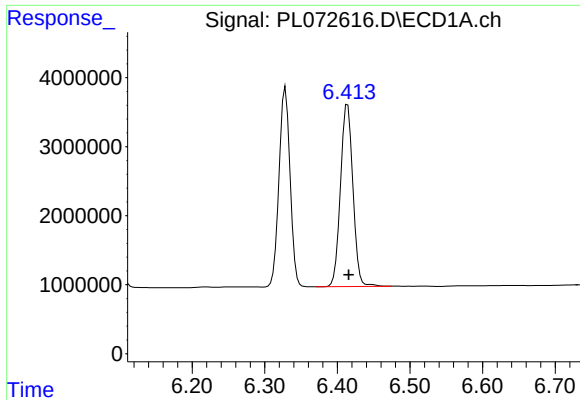
#4 Heptachlor

R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 33311896
Conc: 45.64 ng/ml m



#4 Heptachlor

R.T.: 7.115 min
Delta R.T.: -0.001 min
Response: 100345148
Conc: 44.07 ng/ml



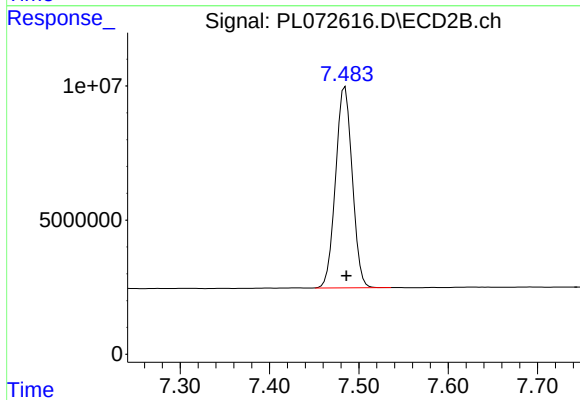
#5 Aldrin

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 31443109
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

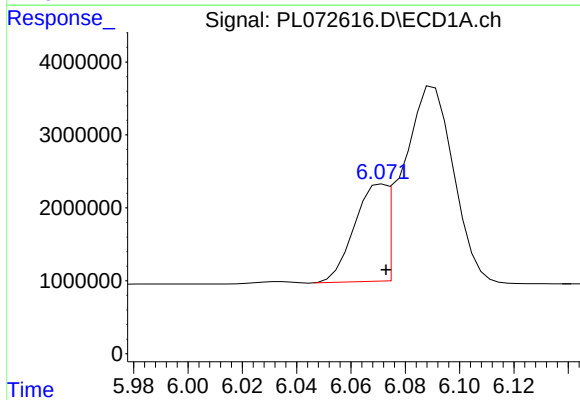
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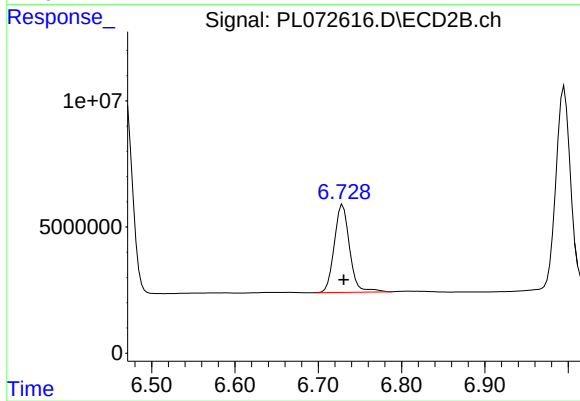
#5 Aldrin

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 97009440
Conc: 45.38 ng/ml



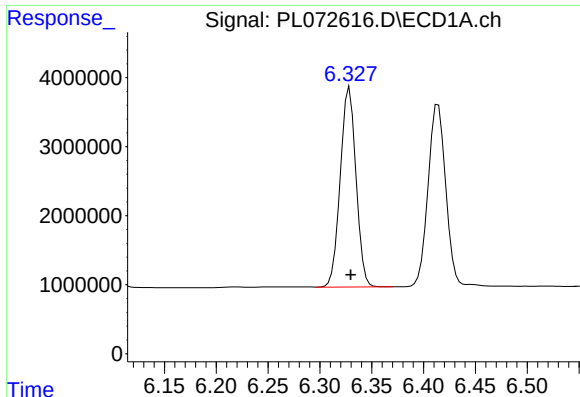
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 13991124
Conc: 56.46 ng/ml m



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 44472749
Conc: 43.63 ng/ml



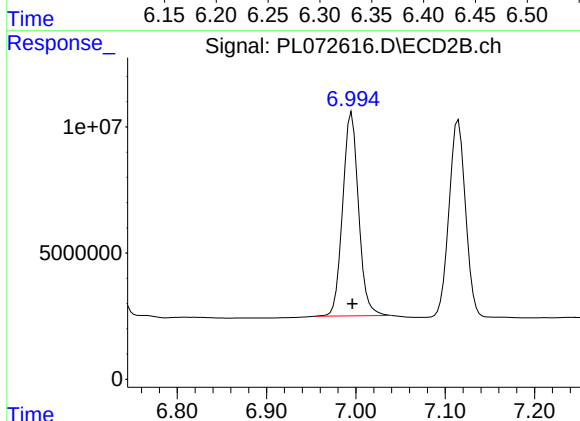
#7 delta-BHC

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 30556731
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

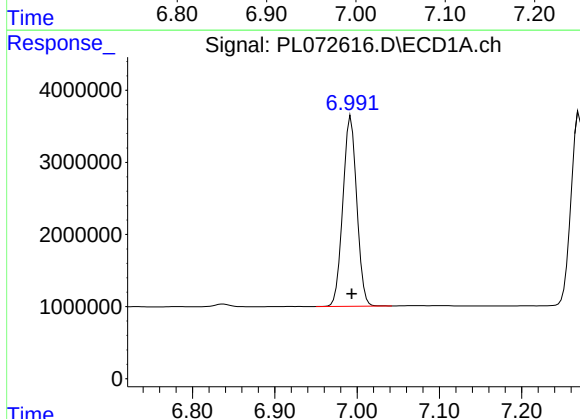
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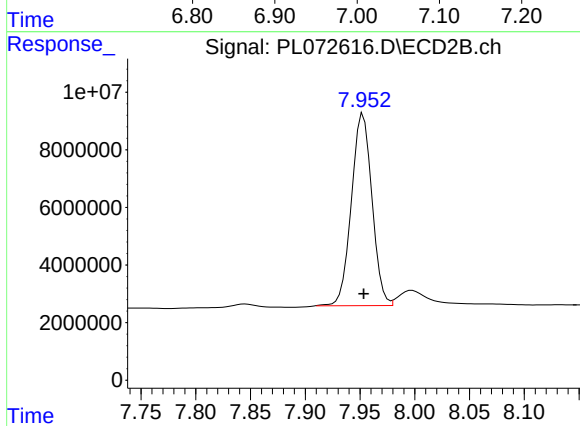
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 99570052
Conc: 43.46 ng/ml



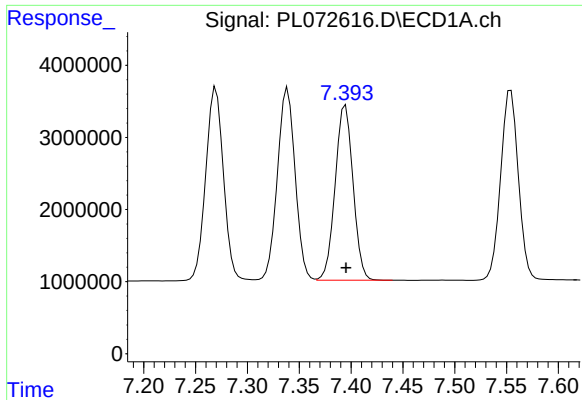
#8 Heptachlor epoxide

R.T.: 6.992 min
Delta R.T.: -0.001 min
Response: 30949780
Conc: 49.09 ng/ml



#8 Heptachlor epoxide

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 87233421
Conc: 45.22 ng/ml



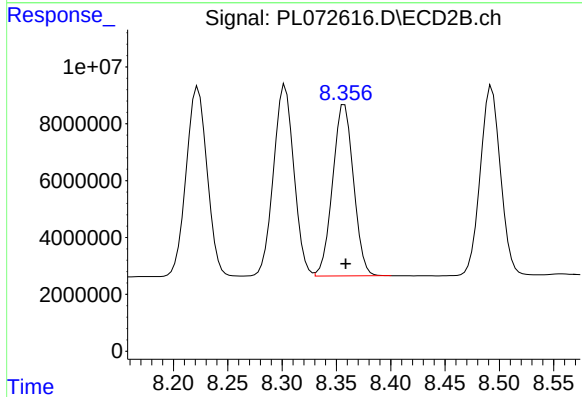
#9 Endosulfan I

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 29121289
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

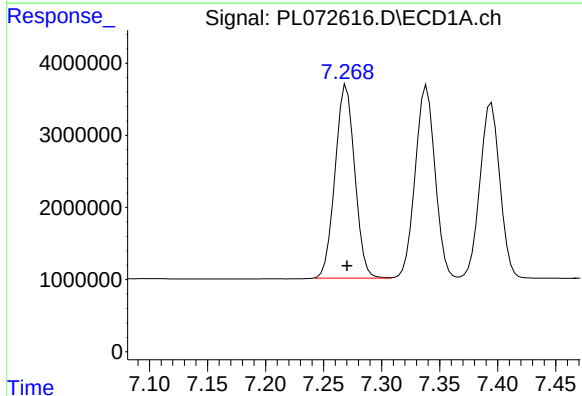
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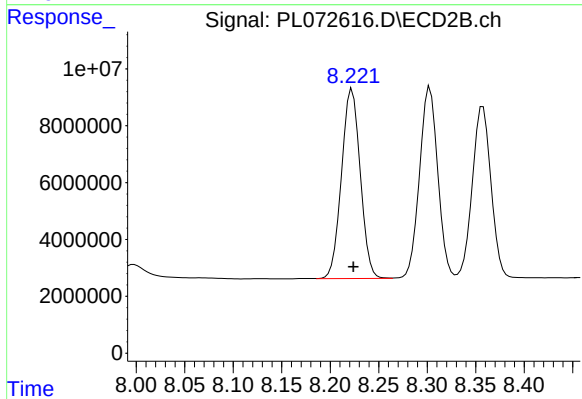
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.001 min
Response: 80686897
Conc: 46.12 ng/ml



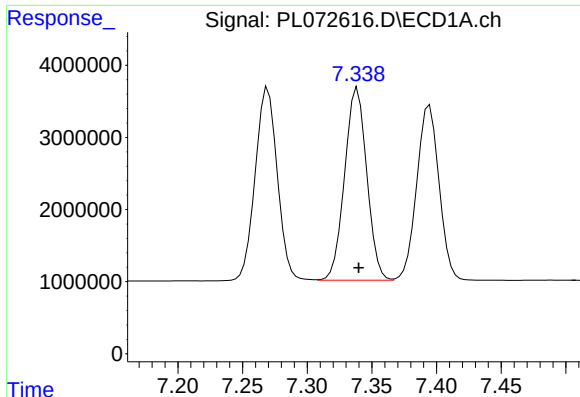
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: 0.000 min
Response: 31599843
Conc: 49.88 ng/ml



#10 gamma-Chlordane

R.T.: 8.223 min
Delta R.T.: -0.001 min
Response: 89623887
Conc: 46.34 ng/ml



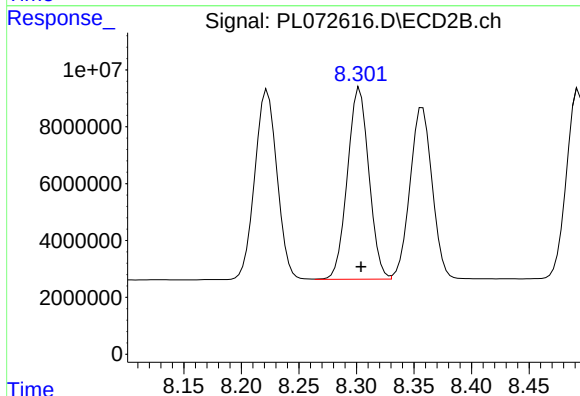
#11 alpha-Chlordane

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 31722793
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

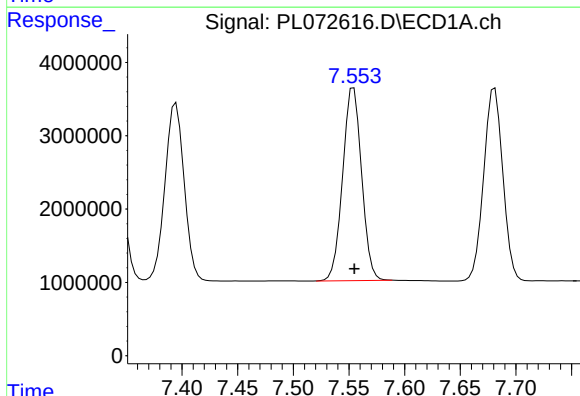
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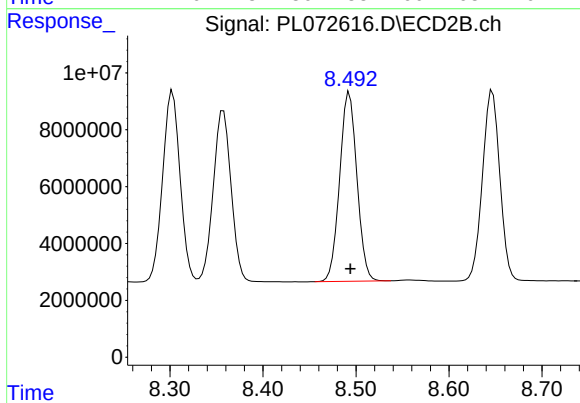
#11 alpha-Chlordane

R.T.: 8.303 min
Delta R.T.: -0.001 min
Response: 88028083
Conc: 46.33 ng/ml



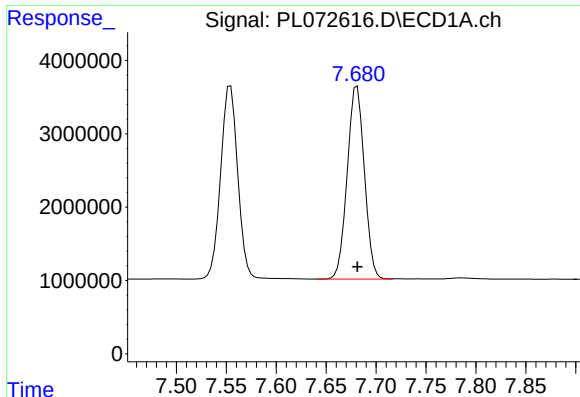
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 31149618
Conc: 51.26 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 85843017
Conc: 45.93 ng/ml



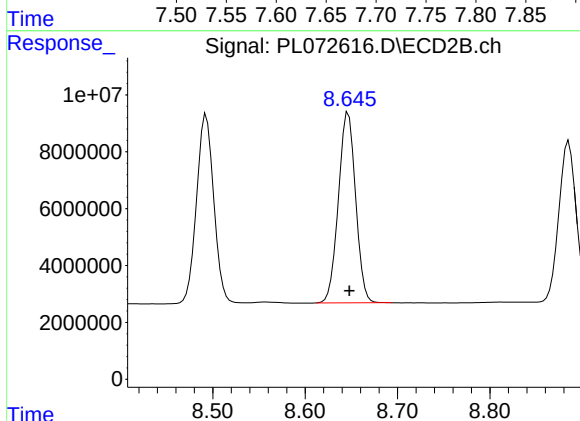
#13 Dieldrin

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 31498247
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

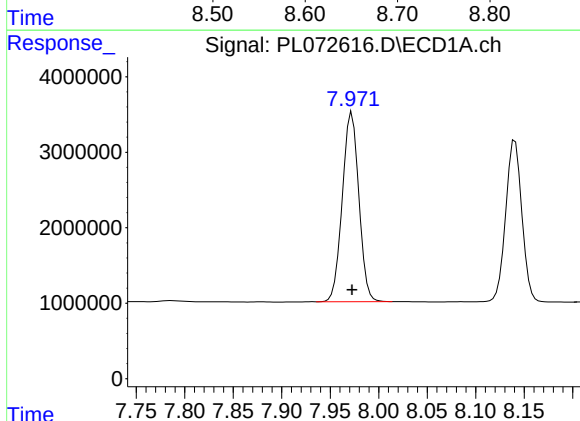
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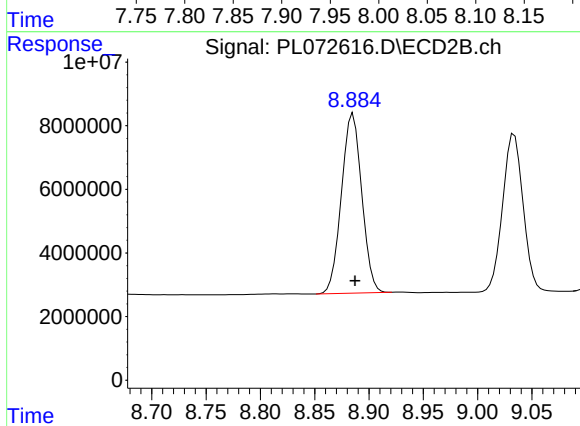
#13 Dieldrin

R.T.: 8.647 min
Delta R.T.: -0.001 min
Response: 86866442
Conc: 46.61 ng/ml



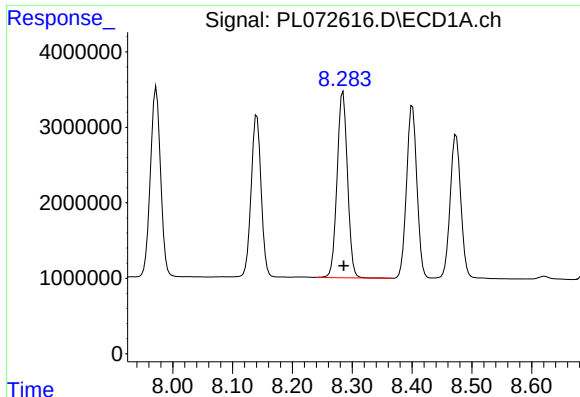
#14 Endrin

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 29777871
Conc: 50.83 ng/ml



#14 Endrin

R.T.: 8.885 min
Delta R.T.: -0.002 min
Response: 73593742
Conc: 46.71 ng/ml



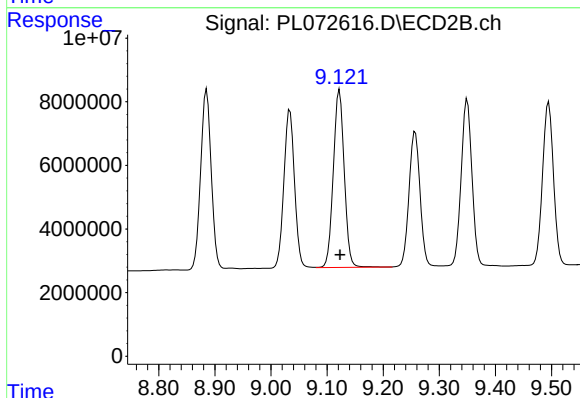
#15 Endosulfan II

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 29852578
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

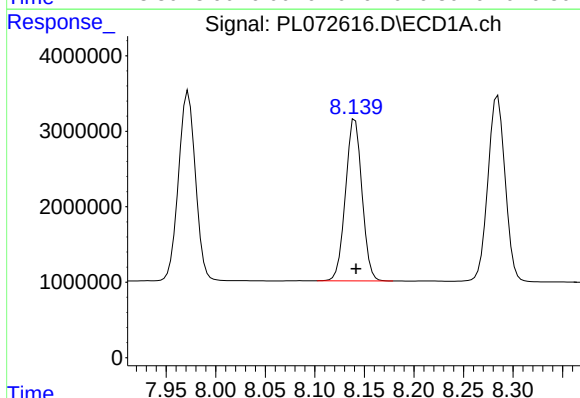
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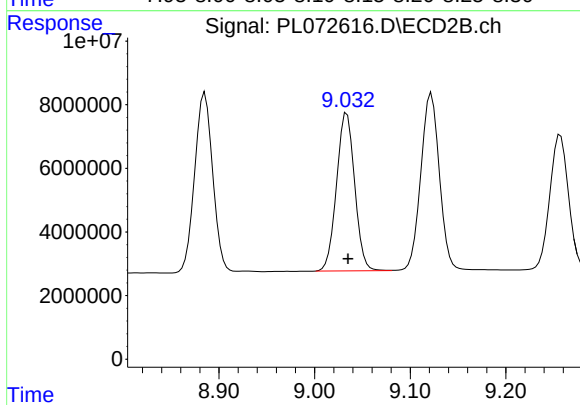
#15 Endosulfan II

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 75558399
Conc: 44.94 ng/ml



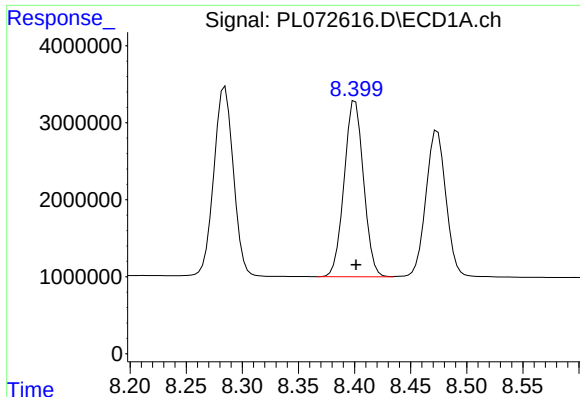
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 24787874
Conc: 51.52 ng/ml



#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.001 min
Response: 65445448
Conc: 47.29 ng/ml



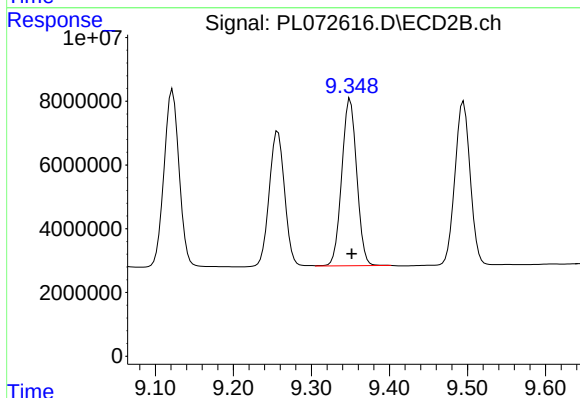
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 27528440
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

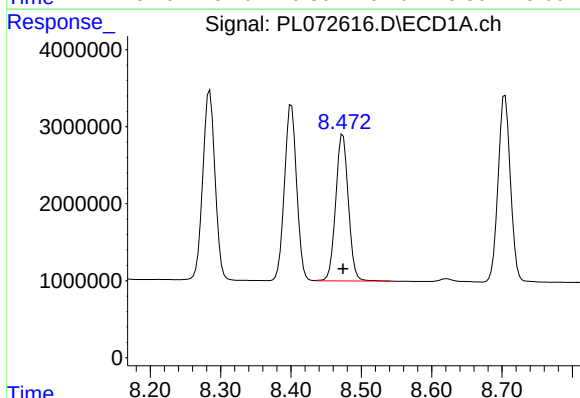
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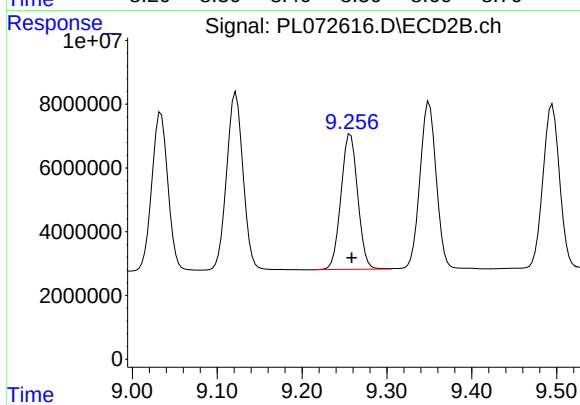
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 69812930
Conc: 45.60 ng/ml



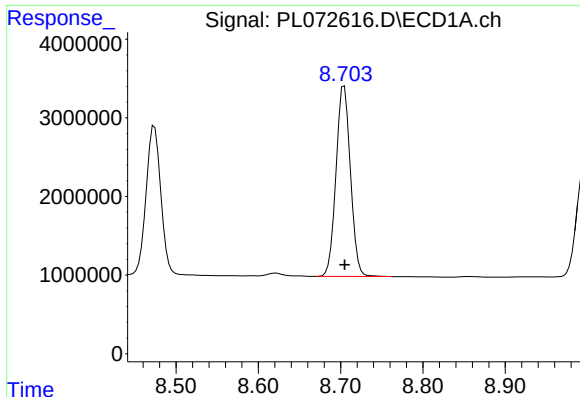
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 23778766
Conc: 54.55 ng/ml



#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: -0.001 min
Response: 58085096
Conc: 51.61 ng/ml



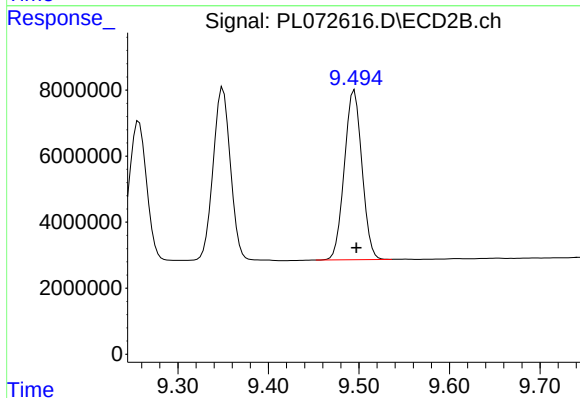
#19 Endosulfan Sulfate

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 29487848
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

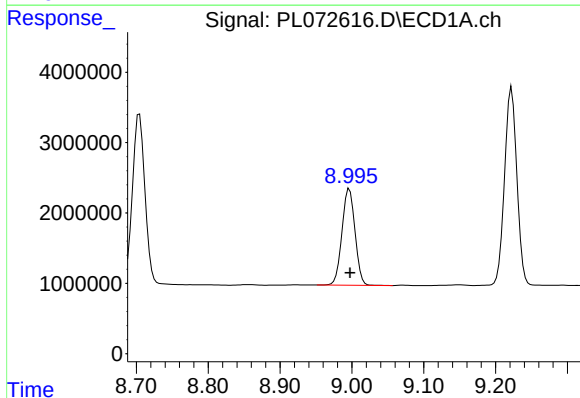
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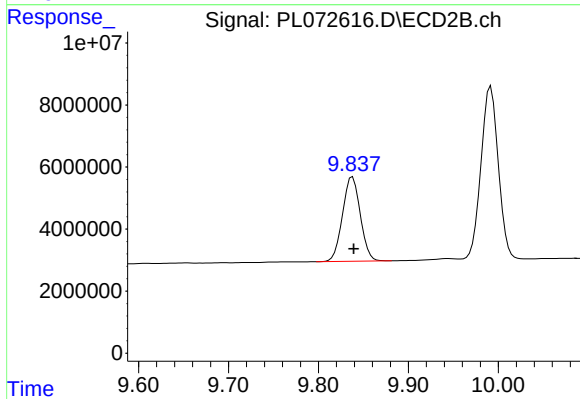
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: -0.002 min
Response: 69388639
Conc: 46.38 ng/ml



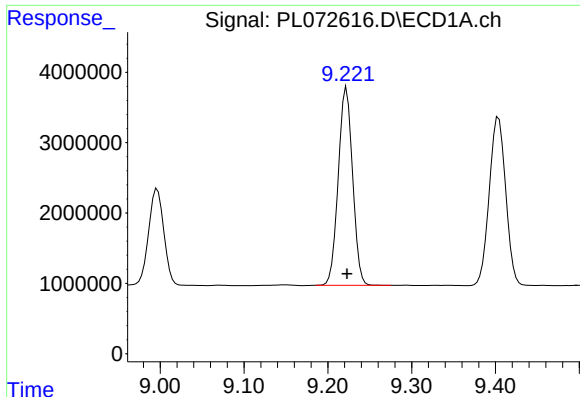
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 17250267
Conc: 49.06 ng/ml



#20 Methoxychlor

R.T.: 9.838 min
Delta R.T.: -0.001 min
Response: 37349540
Conc: 46.13 ng/ml



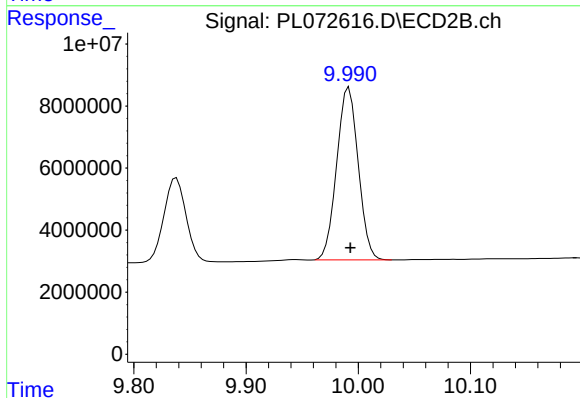
#21 Endrin ketone

R.T.: 9.222 min
Delta R.T.: 0.000 min
Response: 33391159
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

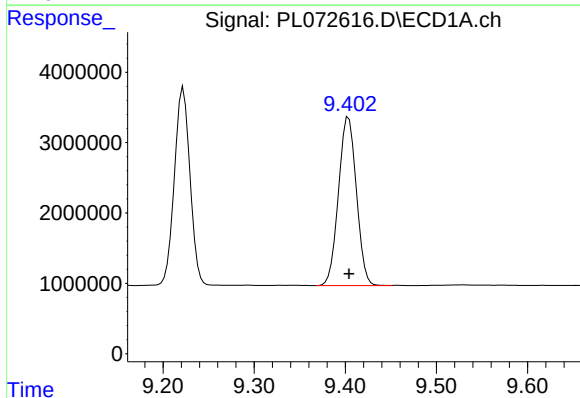
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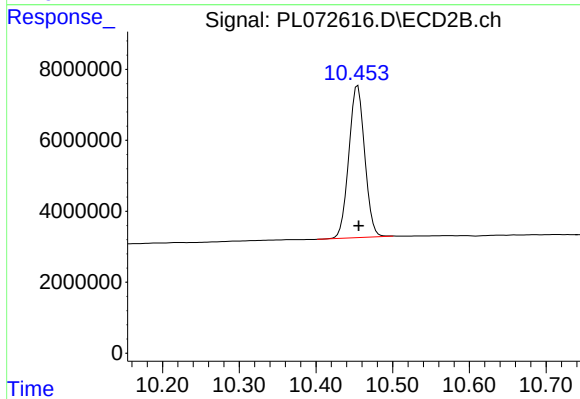
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: -0.001 min
Response: 74162621
Conc: 46.55 ng/ml



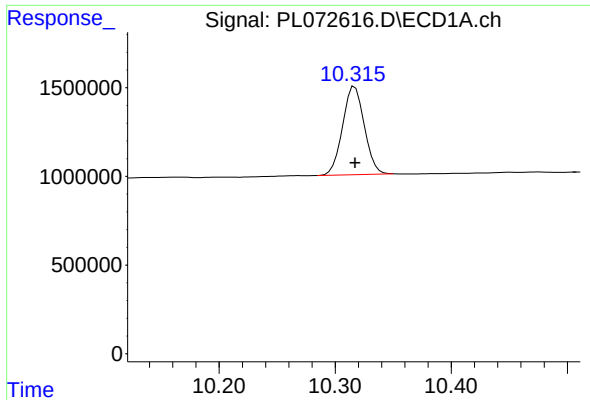
#22 Mirex

R.T.: 9.404 min
Delta R.T.: 0.000 min
Response: 32736374
Conc: 55.18 ng/ml



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.001 min
Response: 62086204
Conc: 52.89 ng/ml



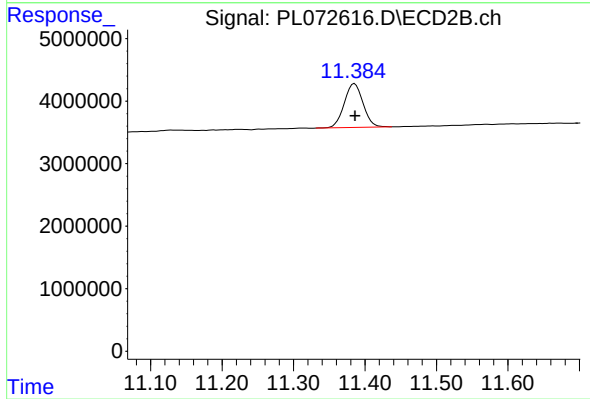
#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 6483120
Conc: 8.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/14/2022
Supervised By :Ankita Jodhani 02/14/2022



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 12819640
Conc: 8.08 ng/ml