

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120721\
 Data File : PL071316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2021 16:01
 Operator : AR\AJ
 Sample : M4945-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-7-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/08/2021
 Supervised By :mohammad ahmed 12/08/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 01:56:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 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...	4.564	5.500	10559271	30676782	22.481	24.445
28)	SA Decachlor...	10.325	11.389	14895173	26927929	20.571	19.373
Target Compounds							
2)	A alpha-BHC	5.270	6.080	30493504	85431935	46.645	46.145
3)	MA gamma-BHC...	5.692	6.475	30874738	81340720	48.347	46.211
4)	MA Heptachlor	6.100	7.122	33258992	85924229	47.974	46.847
5)	MB Aldrin	6.423	7.492	32722722	82610393	52.736	48.980
6)	B beta-BHC	6.074	6.732	16302076	38420242	53.849m	43.655
7)	B delta-BHC	6.334	6.997	14742981	40166872	23.098	23.624m
8)	B Heptachlo...	7.000	7.958	31336832	75042731	50.278	47.236
9)	A Endosulfan I	7.403	8.363	29427302	68435488	49.482	45.290
10)	B gamma-Chl...	7.278	8.228	32409322	75294679	51.042	47.092
11)	B alpha-Chl...	7.347	8.308	32274427	74400063	50.428	46.815
12)	B 4,4'-DDE	7.562	8.498	28987145	72186908	51.228	46.889
13)	MA Dieldrin	7.688	8.652	31504478	74026073	52.097	47.650
14)	MA Endrin	7.980	8.891	29232563	63199872	51.688	47.099
15)	B Endosulfa...	8.291	9.126	29203340	66692320	50.016	49.500
16)	A 4,4'-DDD	8.148	9.038	24492741	57449531	48.880	49.520
17)	MA 4,4'-DDT	8.408	9.353	25639006	58728563	46.871	42.222
18)	B Endrin al...	8.480	9.260	24316173	51792889	53.089	50.132
19)	B Endosulfa...	8.710	9.498	26318625	53222062	43.298	40.723
20)	A Methoxychlor	9.004	9.841	16051827	30480529	44.428	42.038
21)	B Endrin ke...	9.228	9.994	34408042	65713893	48.281	44.875
22)	Mirex	9.412	10.459	31454364	52216705	50.934	47.874

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120721\
 Data File : PL071316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2021 16:01
 Operator : AR\AJ
 Sample : M4945-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

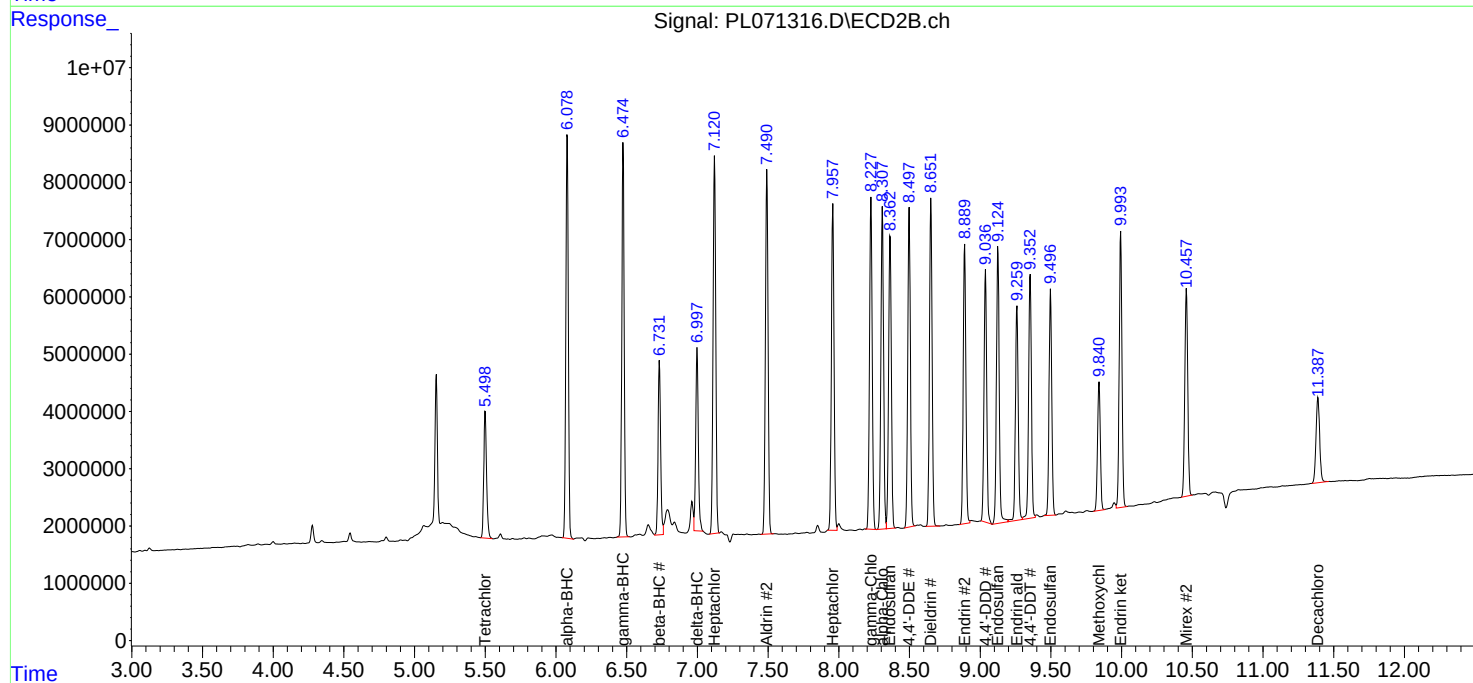
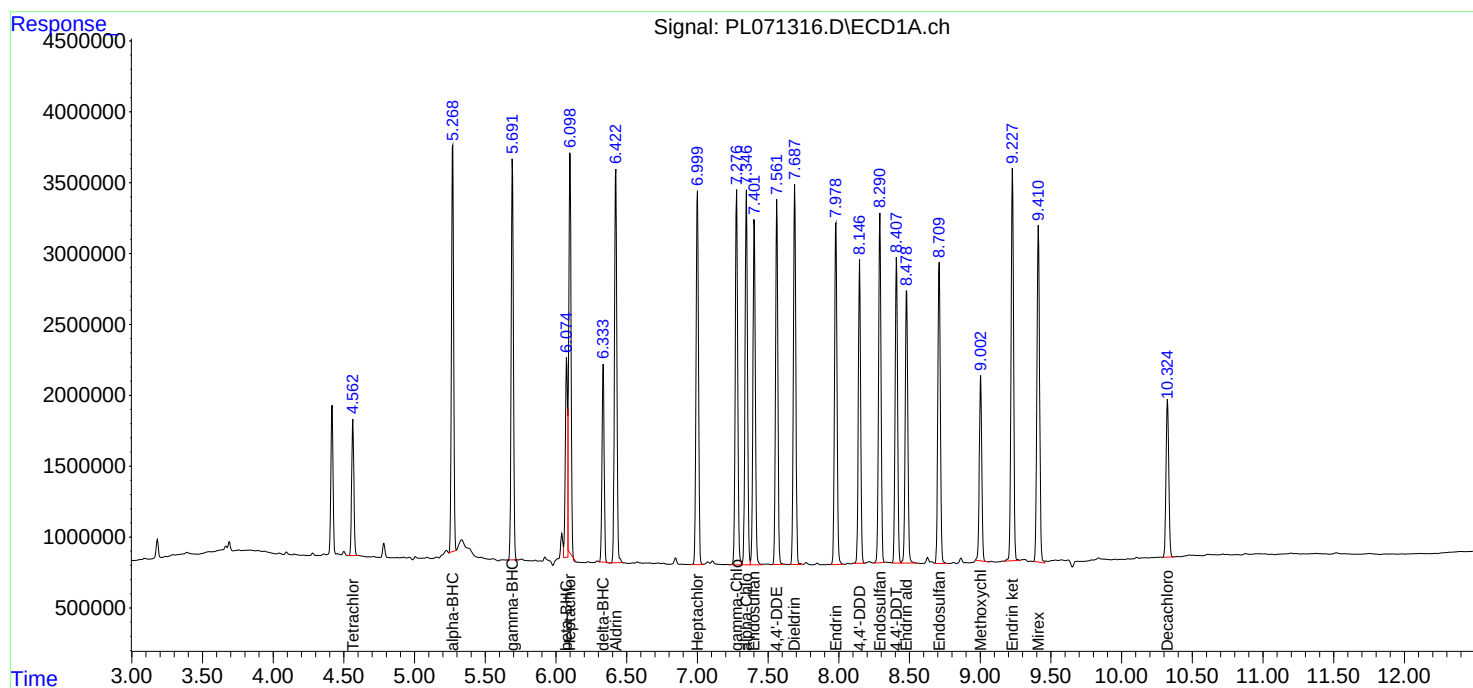
Instrument :
 ECD_L
 ClientSampleId :
 TP-7-COMPMS

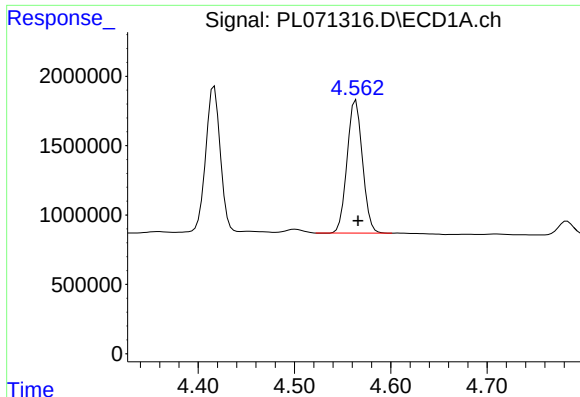
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 12/08/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 08 01:56:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 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





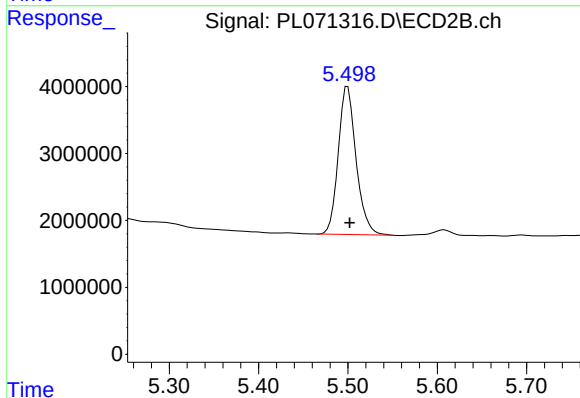
#1 Tetrachloro-m-xylene

R.T.: 4.564 min
Delta R.T.: -0.002 min
Response: 10559271
Conc: 22.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

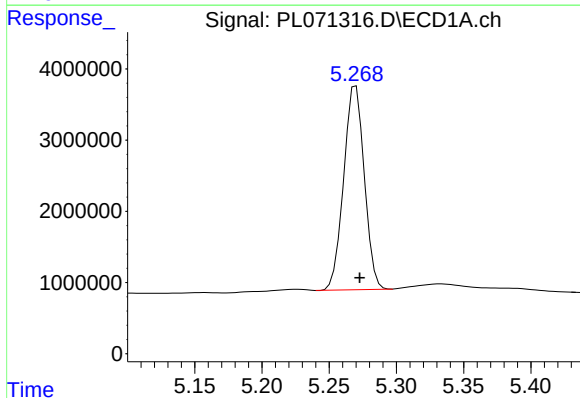
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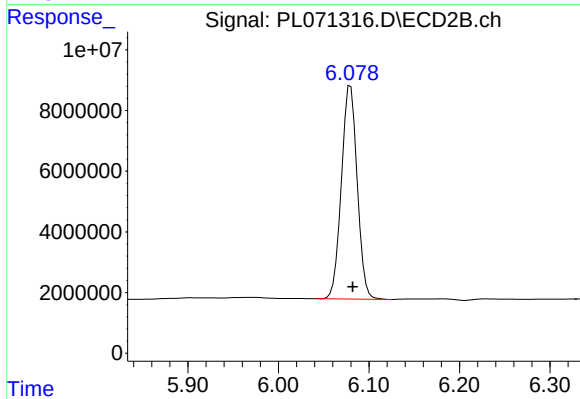
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 30676782
Conc: 24.45 ng/ml



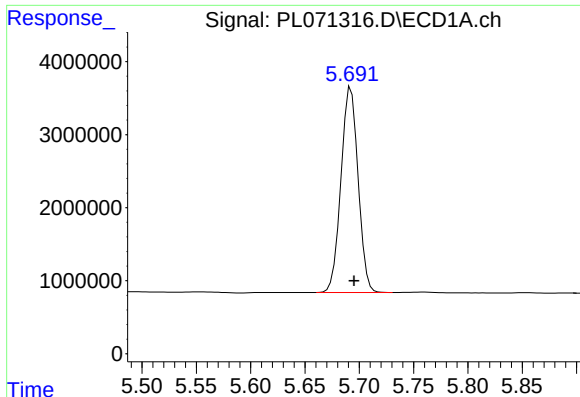
#2 alpha-BHC

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 30493504
Conc: 46.65 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 85431935
Conc: 46.15 ng/ml



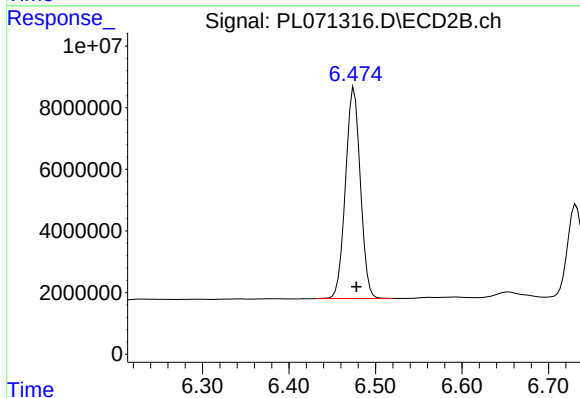
#3 gamma-BHC (Lindane)

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 30874738
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

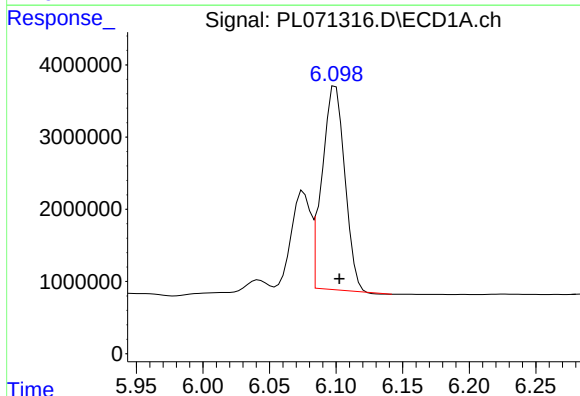
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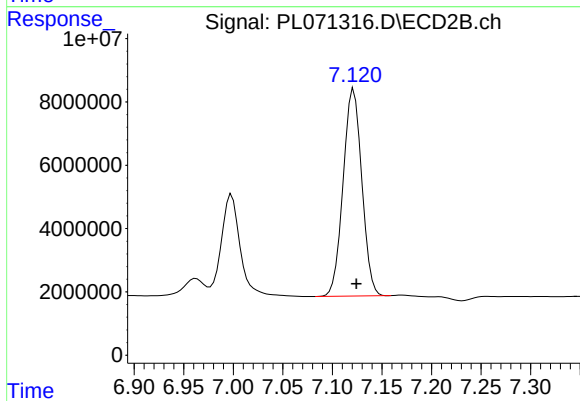
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 81340720
Conc: 46.21 ng/ml



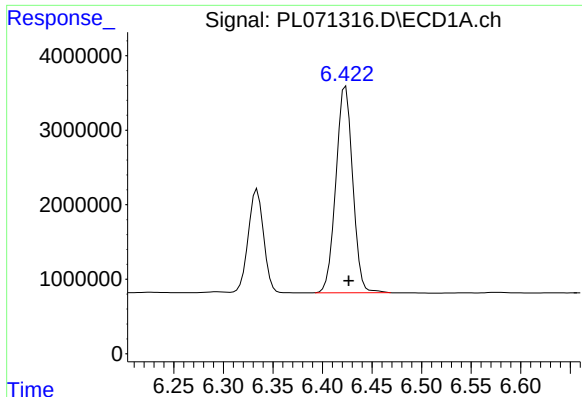
#4 Heptachlor

R.T.: 6.100 min
Delta R.T.: -0.003 min
Response: 33258992
Conc: 47.97 ng/ml



#4 Heptachlor

R.T.: 7.122 min
Delta R.T.: -0.003 min
Response: 85924229
Conc: 46.85 ng/ml



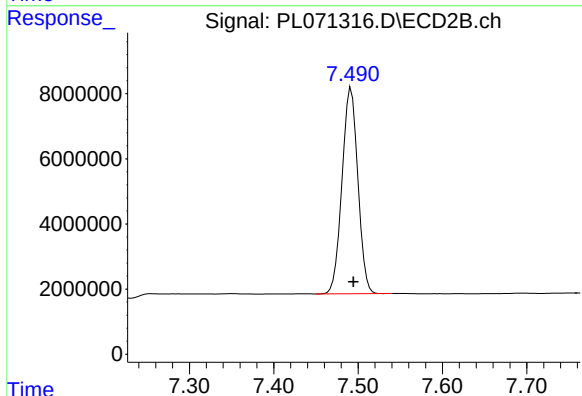
#5 Aldrin

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 32722722
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

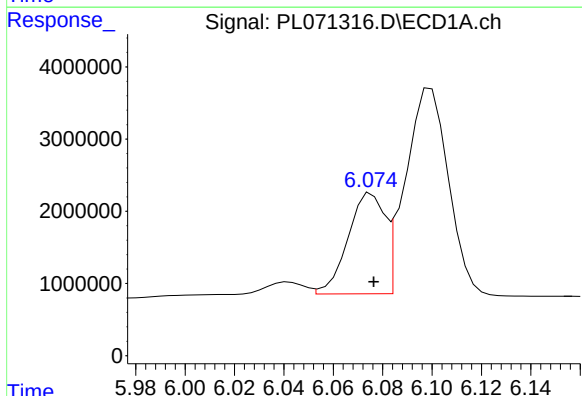
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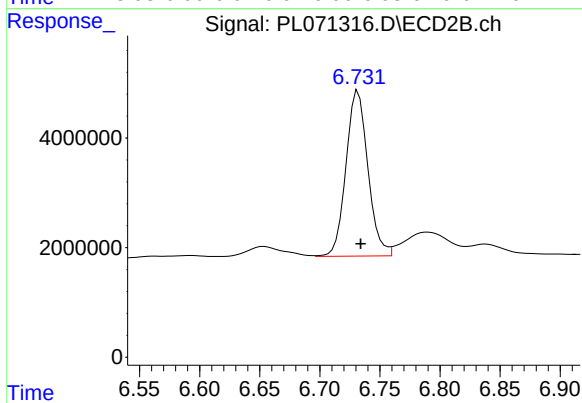
#5 Aldrin

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 82610393
Conc: 48.98 ng/ml



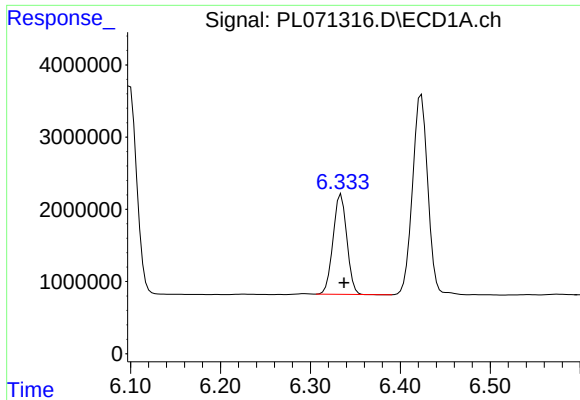
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 16302076
Conc: 53.85 ng/ml m



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 38420242
Conc: 43.65 ng/ml



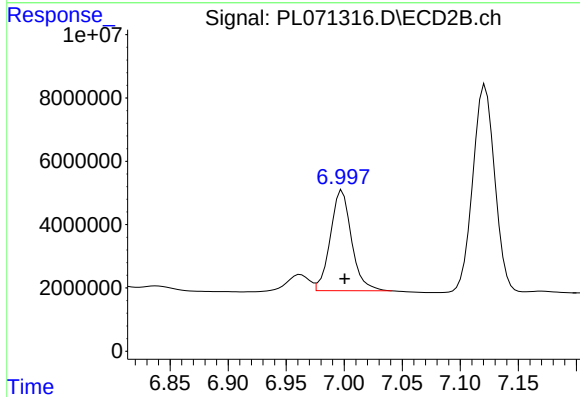
#7 delta-BHC

R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 14742981
Conc: 23.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

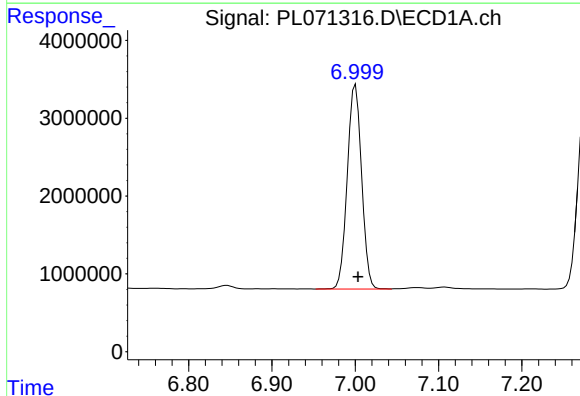
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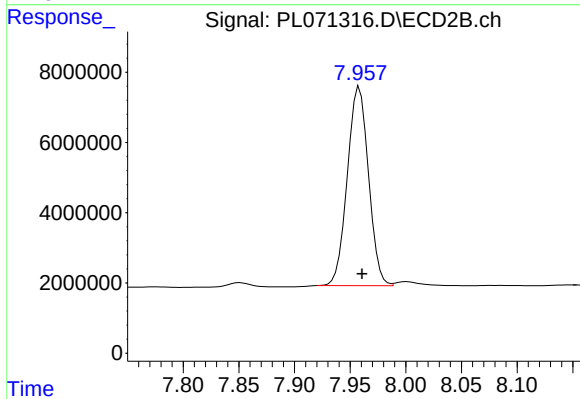
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 40166872
Conc: 23.62 ng/ml m



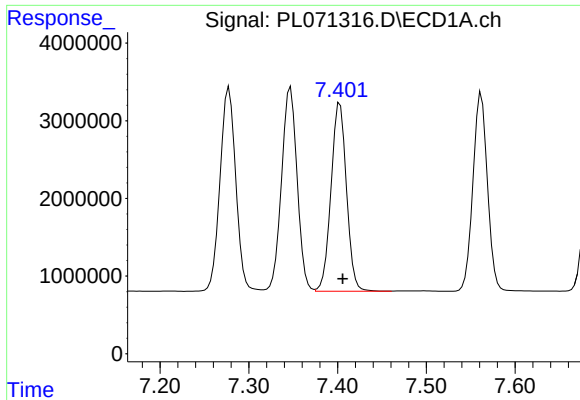
#8 Heptachlor epoxide

R.T.: 7.000 min
Delta R.T.: -0.003 min
Response: 31336832
Conc: 50.28 ng/ml



#8 Heptachlor epoxide

R.T.: 7.958 min
Delta R.T.: -0.002 min
Response: 75042731
Conc: 47.24 ng/ml



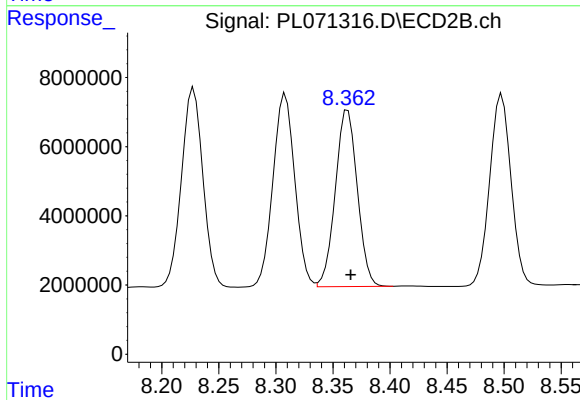
#9 Endosulfan I

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 29427302
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

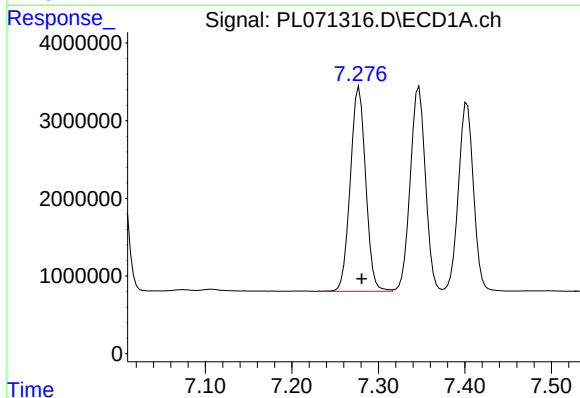
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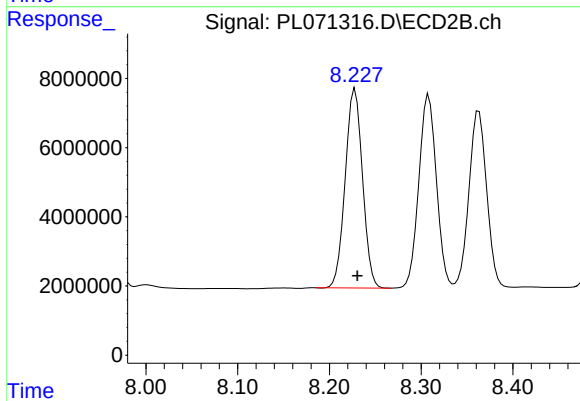
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: -0.003 min
Response: 68435488
Conc: 45.29 ng/ml



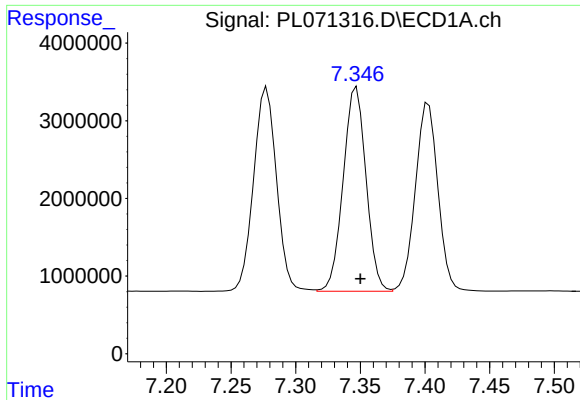
#10 gamma-Chlordane

R.T.: 7.278 min
Delta R.T.: -0.003 min
Response: 32409322
Conc: 51.04 ng/ml



#10 gamma-Chlordane

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 75294679
Conc: 47.09 ng/ml



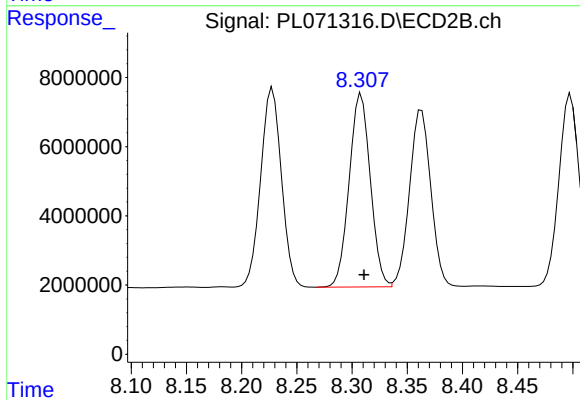
#11 alpha-Chlordane

R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 32274427
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

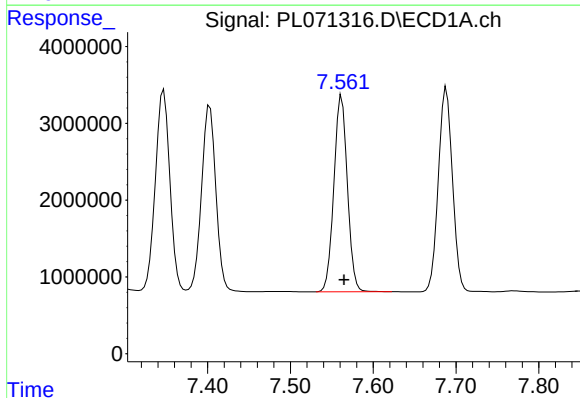
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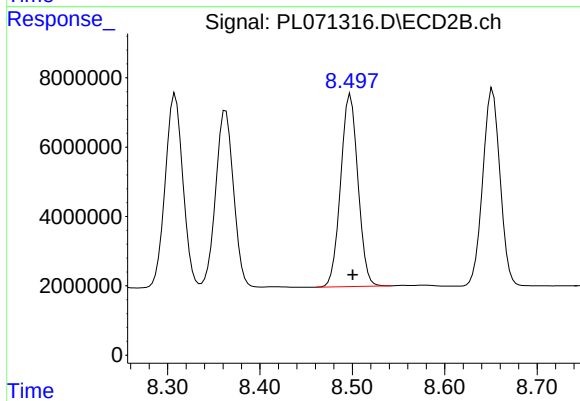
#11 alpha-Chlordane

R.T.: 8.308 min
Delta R.T.: -0.002 min
Response: 74400063
Conc: 46.82 ng/ml



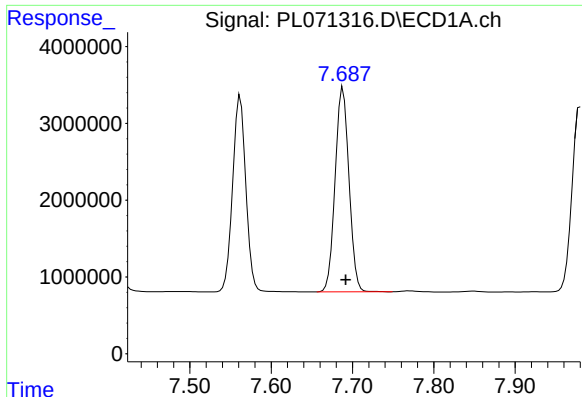
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: -0.003 min
Response: 28987145
Conc: 51.23 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 72186908
Conc: 46.89 ng/ml



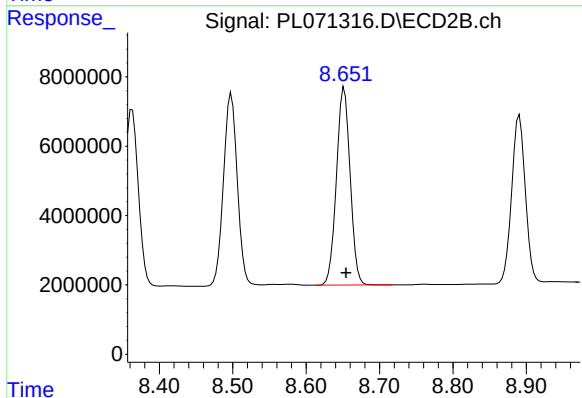
#13 Dieldrin

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 31504478
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

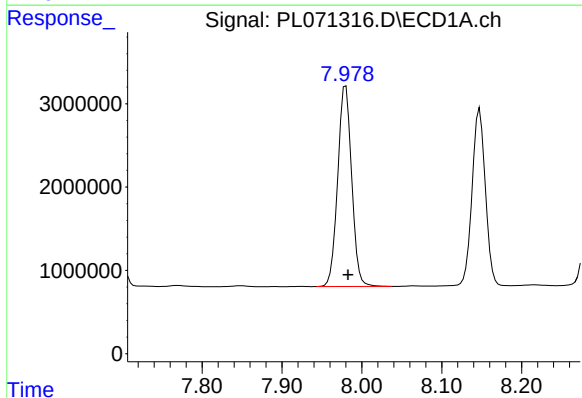
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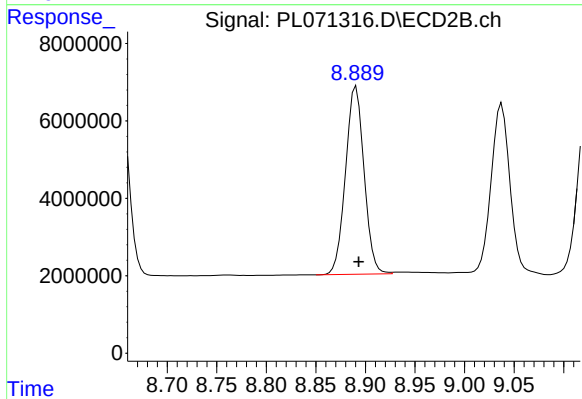
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: -0.003 min
Response: 74026073
Conc: 47.65 ng/ml



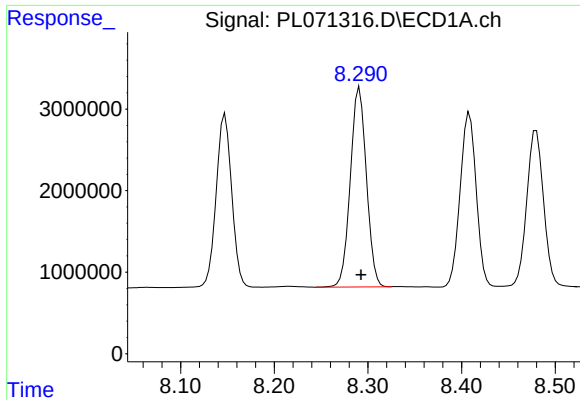
#14 Endrin

R.T.: 7.980 min
Delta R.T.: -0.003 min
Response: 29232563
Conc: 51.69 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: -0.003 min
Response: 63199872
Conc: 47.10 ng/ml



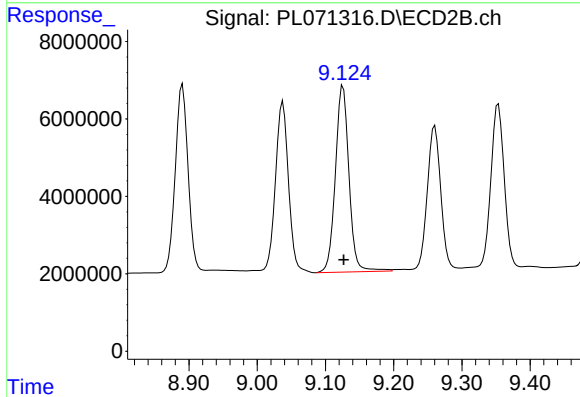
#15 Endosulfan II

R.T.: 8.291 min
Delta R.T.: -0.002 min
Response: 29203340
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

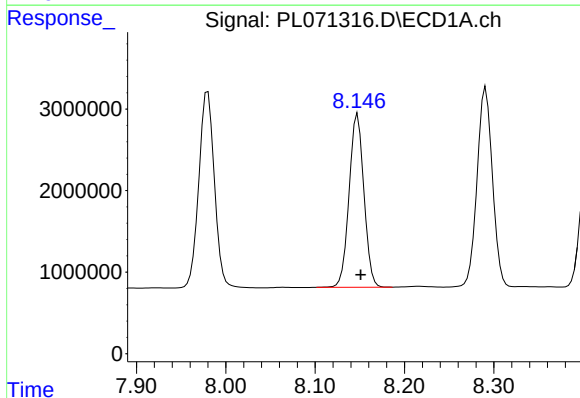
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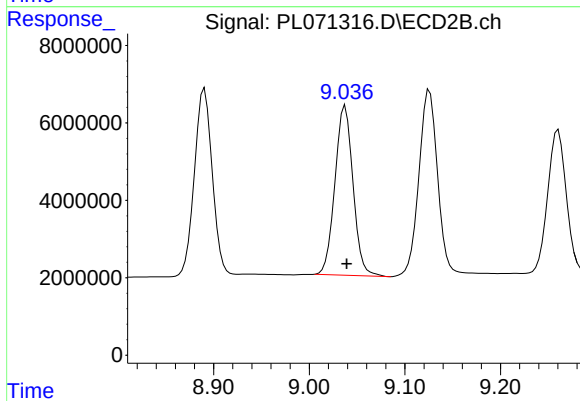
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: -0.001 min
Response: 66692320
Conc: 49.50 ng/ml



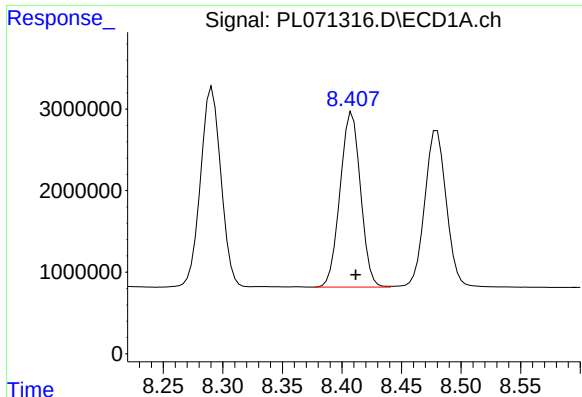
#16 4,4'-DDD

R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 24492741
Conc: 48.88 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 57449531
Conc: 49.52 ng/ml



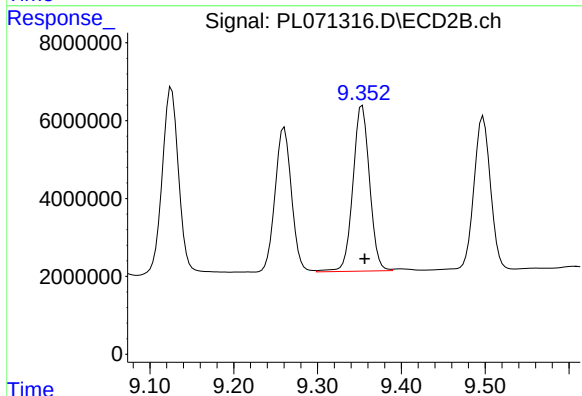
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: -0.003 min
Response: 25639006
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

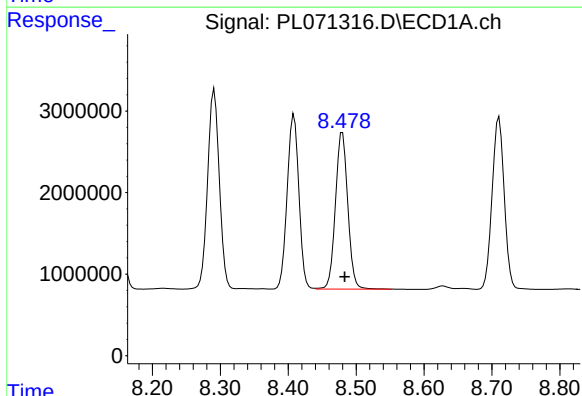
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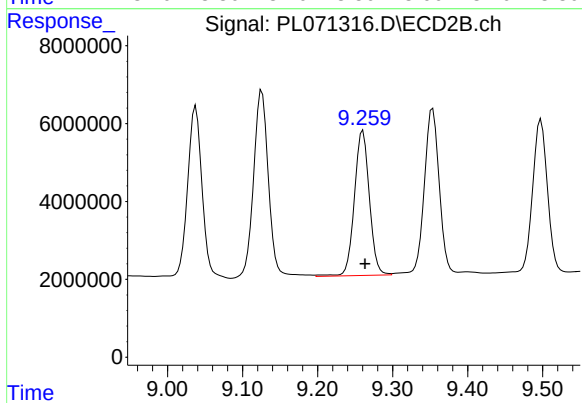
#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 58728563
Conc: 42.22 ng/ml



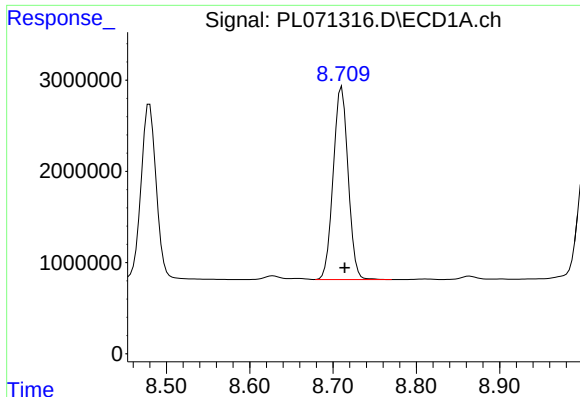
#18 Endrin aldehyde

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 24316173
Conc: 53.09 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.003 min
Response: 51792889
Conc: 50.13 ng/ml



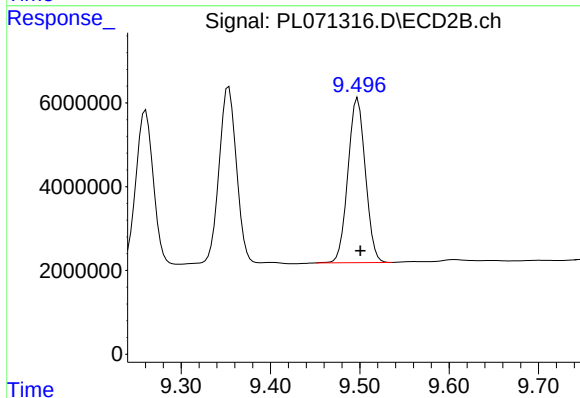
#19 Endosulfan Sulfate

R.T.: 8.710 min
Delta R.T.: -0.003 min
Response: 26318625
Conc: 43.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

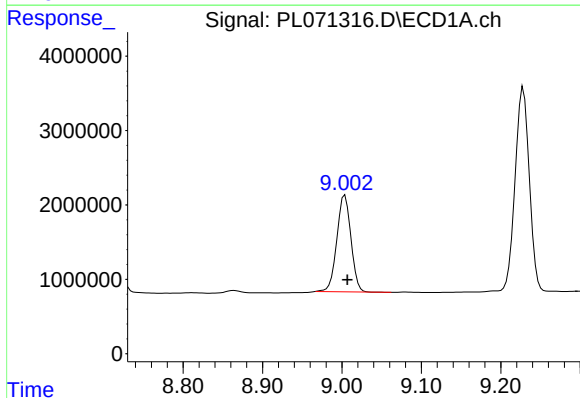
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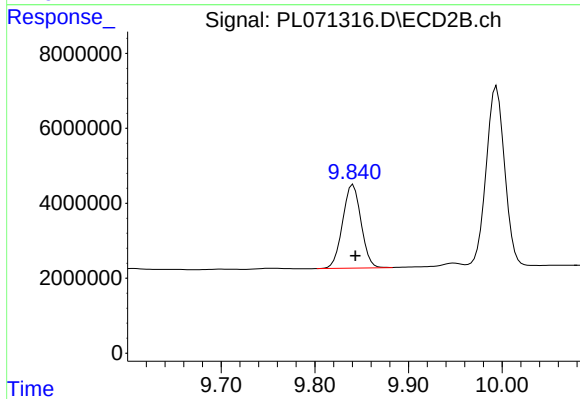
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 53222062
Conc: 40.72 ng/ml



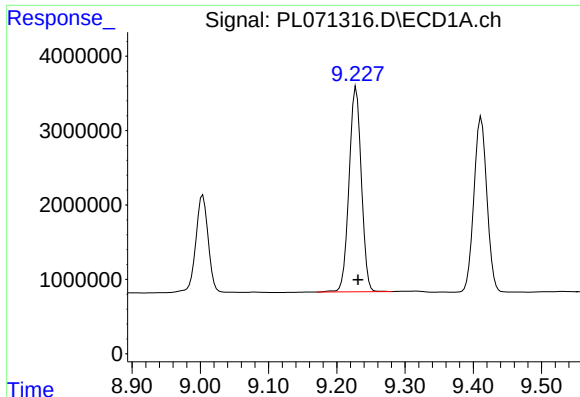
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: -0.003 min
Response: 16051827
Conc: 44.43 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.003 min
Response: 30480529
Conc: 42.04 ng/ml



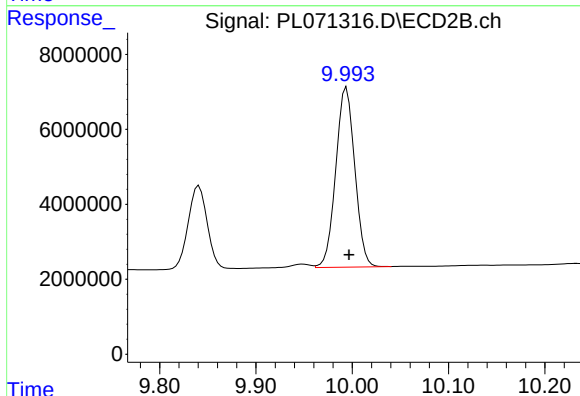
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: -0.003 min
Response: 34408042
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

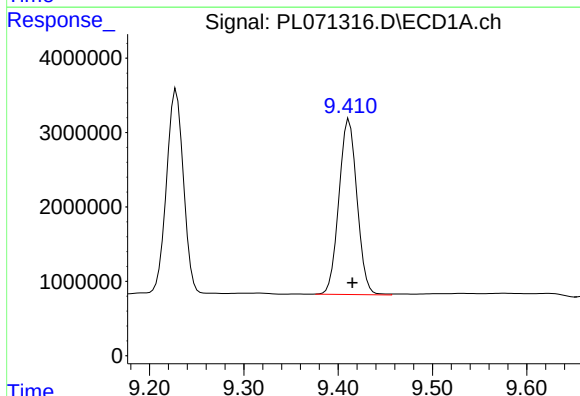
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Supervised By :mohammad ahmed 12/08/2021



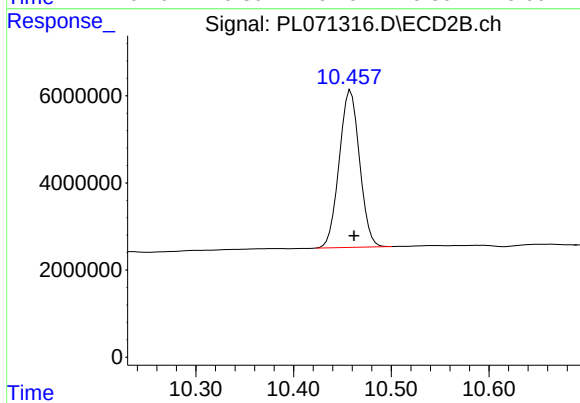
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: -0.003 min
Response: 65713893
Conc: 44.87 ng/ml



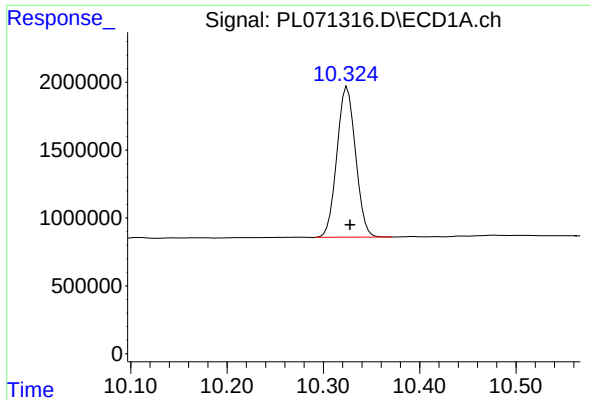
#22 Mirex

R.T.: 9.412 min
Delta R.T.: -0.003 min
Response: 31454364
Conc: 50.93 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.003 min
Response: 52216705
Conc: 47.87 ng/ml



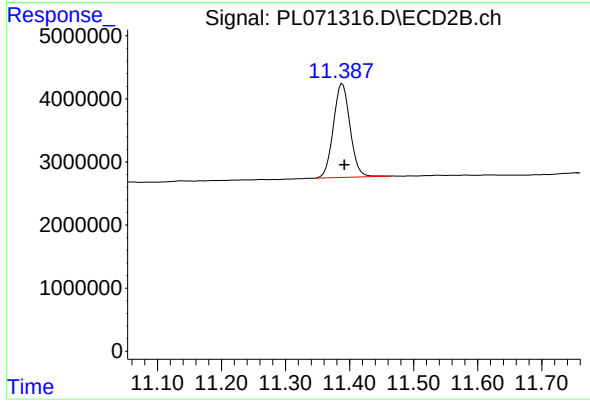
#28 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: -0.003 min
Response: 14895173
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-7-COMPMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/08/2021
Supervised By :mohammad ahmed 12/08/2021



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.003 min
Response: 26927929
Conc: 19.37 ng/ml