

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122121\
 Data File : PL071555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2021 15:43
 Operator : AR\AJ
 Sample : PB141593BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141593BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/22/2021
 Supervised By : mohammad ahmed 12/22/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:33:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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...	4.566	5.496	9844748	24621207	20.770	20.667
28)	SA Decachlor...	10.327	11.390	15567888	25283933	23.432	23.271
Target Compounds							
2)	A alpha-BHC	5.272	6.077	7322148	20113764	11.513	11.696
3)	MA gamma-BHC...	5.695	6.473	7356326	19194828	11.258	12.026
4)	MA Heptachlor	6.102	7.120	8456943	20496102	12.242	12.840
5)	MB Aldrin	6.425	7.490	7610069	19030836	12.359	13.030
6)	B beta-BHC	6.079	6.730	3612423	12866214	12.651	16.074m#
7)	B delta-BHC	6.337	6.998	6865859	20643549	10.978	13.511
8)	B Heptachlo...	7.002	7.957	7938994	17424219	12.971	12.989m
9)	A Endosulfan I	7.405	8.363	7537496	16269314	12.983	13.555
10)	B gamma-Chl...	7.279	8.226	8319882	17666538	13.404	13.663m
11)	B alpha-Chl...	7.350	8.307	8190755	17517098	13.132	13.787m
12)	B 4,4'-DDE	7.564	8.498	6848858	16299004	12.550	13.683
13)	MA Dieldrin	7.690	8.652	7717787	16710374	13.179m	13.744
14)	MA Endrin	7.981	8.891	7255981	14380242	13.248m	14.194
15)	B Endosulfa...	8.293	9.125	7447714	14542570	13.665	14.411m
16)	A 4,4'-DDD	8.150	9.037	5882454	12059475	12.498	13.662m
17)	MA 4,4'-DDT	8.410	9.354	6250418	13275340	12.248	13.425
18)	B Endrin al...	8.482	9.262	6006866	11136693	14.126	14.785
19)	B Endosulfa...	8.713	9.499	7662665	13538159	13.347	13.813
20)	A Methoxychlor	9.006	9.842	4409236	6943456	13.613	13.832
21)	B Endrin ke...	9.229	9.996	9069059	14705974	13.750m	13.985
22)	Mirex	9.414	10.459	8672014	12255042	14.947	15.226

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122121\
Data File : PL071555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2021 15:43
Operator : AR\AJ
Sample : PB141593BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

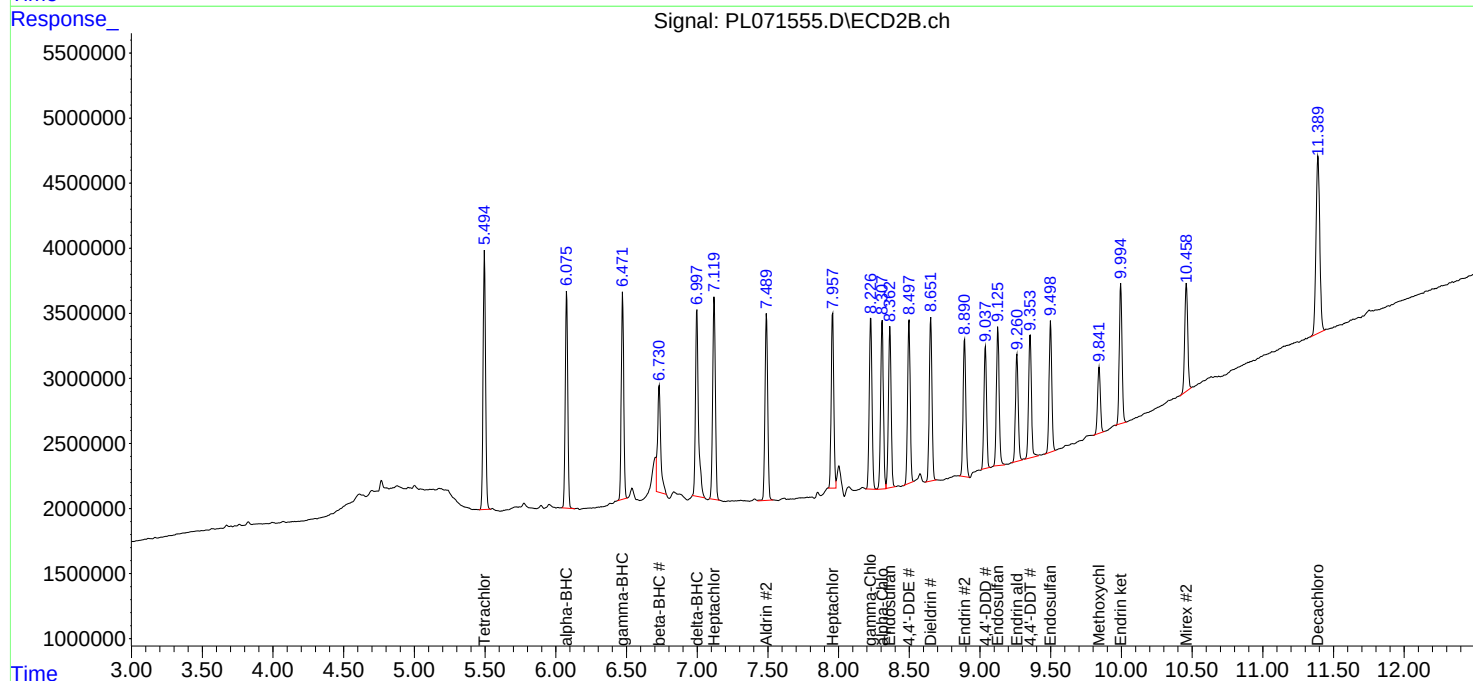
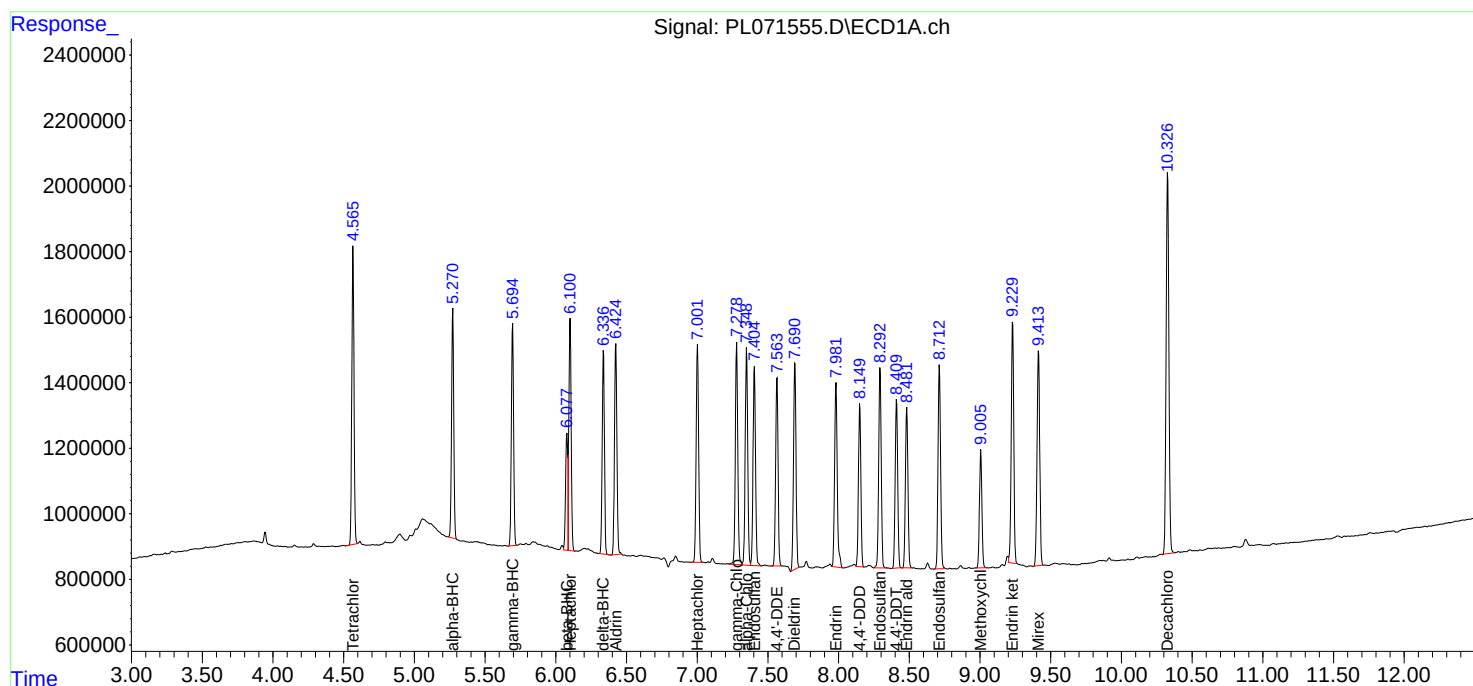
Instrument :
ECD_L
ClientSampleId :
PB141593BSD

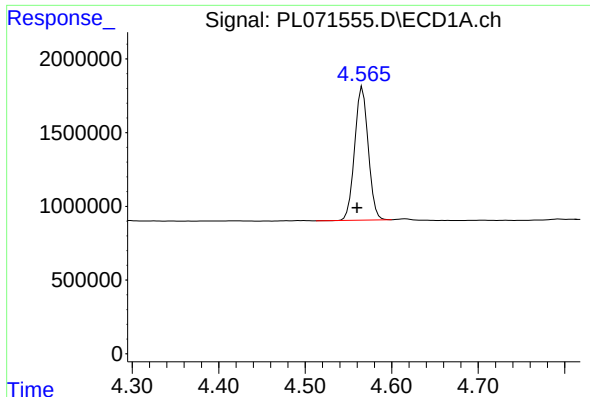
Manual Integrations
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Supervised By :mohammad ahmed 12/22/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:33:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
Quant Title : GC Extractables
QLast Update : Tue Dec 14 14:29:34 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





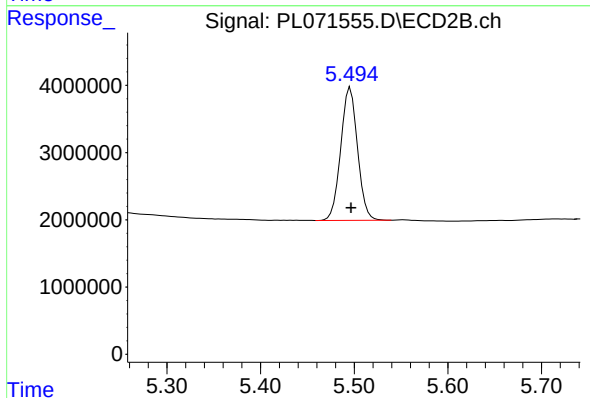
#1 Tetrachloro-m-xylene

R.T.: 4.566 min
Delta R.T.: 0.006 min
Response: 9844748
Conc: 20.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

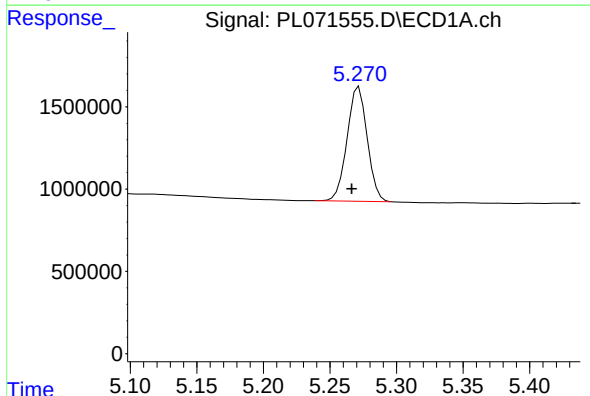
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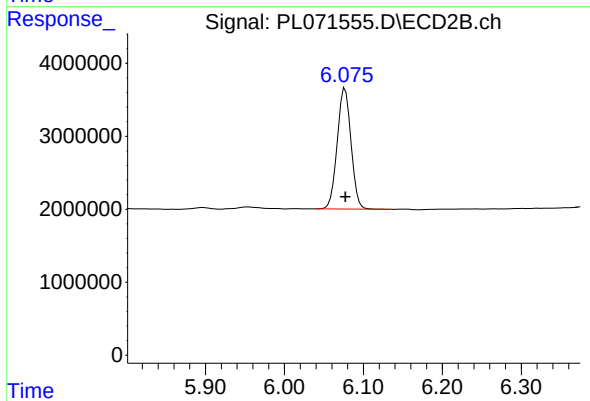
#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 24621207
Conc: 20.67 ng/ml



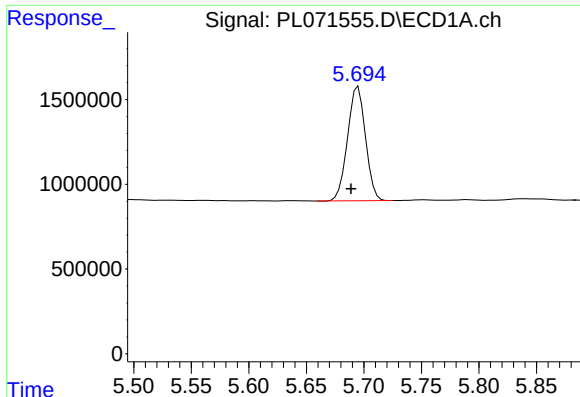
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.005 min
Response: 7322148
Conc: 11.51 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 20113764
Conc: 11.70 ng/ml



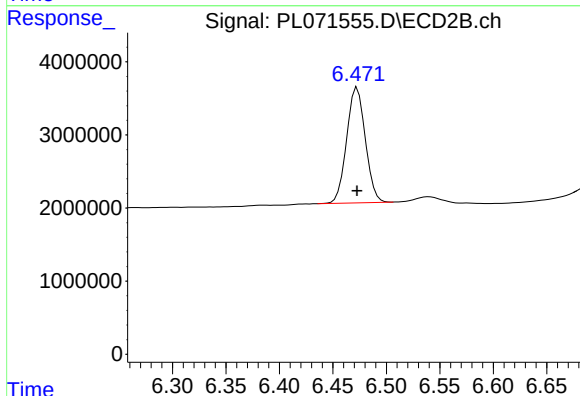
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: 0.006 min
Response: 7356326
Conc: 11.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

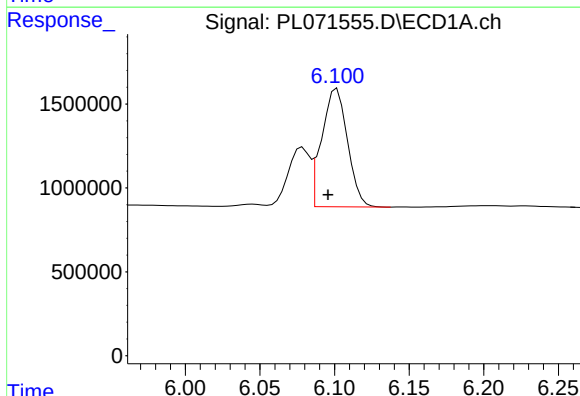
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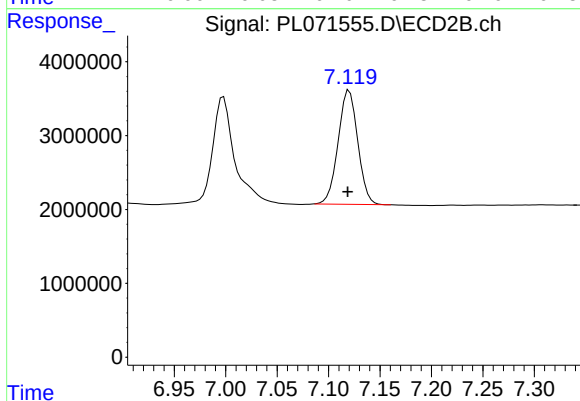
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 19194828
Conc: 12.03 ng/ml



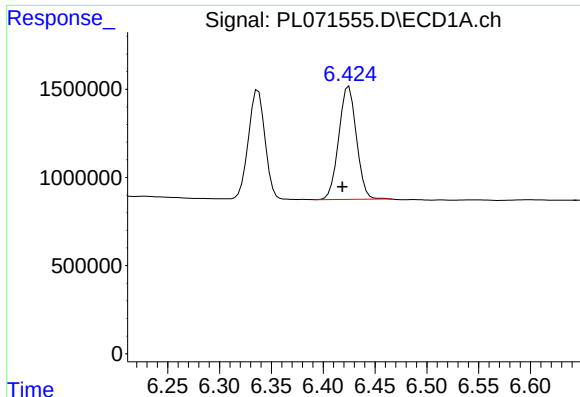
#4 Heptachlor

R.T.: 6.102 min
Delta R.T.: 0.006 min
Response: 8456943
Conc: 12.24 ng/ml



#4 Heptachlor

R.T.: 7.120 min
Delta R.T.: 0.001 min
Response: 20496102
Conc: 12.84 ng/ml



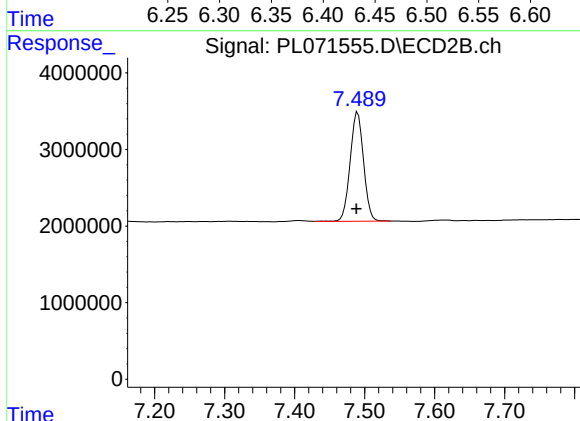
#5 Aldrin

R.T.: 6.425 min
Delta R.T.: 0.006 min
Response: 7610069
Conc: 12.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

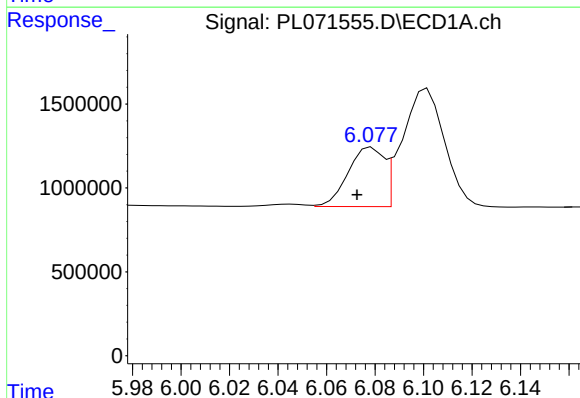
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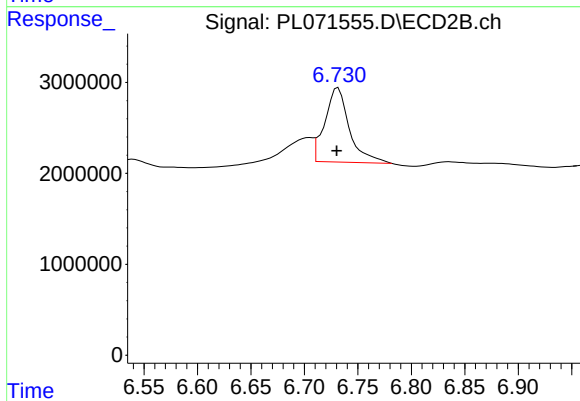
#5 Aldrin

R.T.: 7.490 min
Delta R.T.: 0.002 min
Response: 19030836
Conc: 13.03 ng/ml



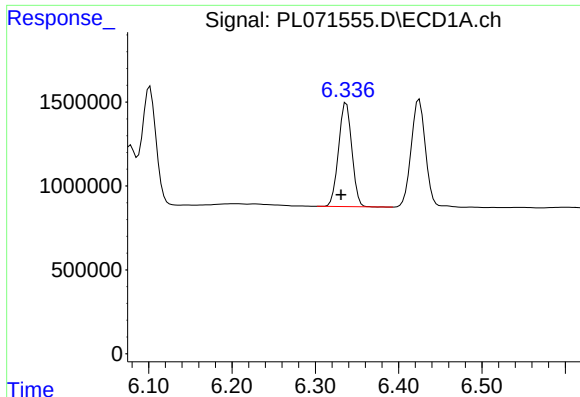
#6 beta-BHC

R.T.: 6.079 min
Delta R.T.: 0.006 min
Response: 3612423
Conc: 12.65 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 12866214
Conc: 16.07 ng/ml m



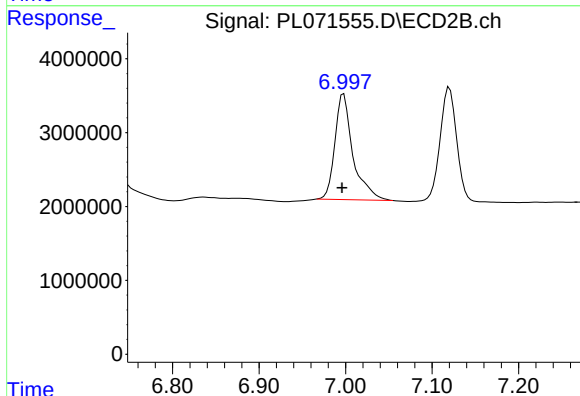
#7 delta-BHC

R.T.: 6.337 min
Delta R.T.: 0.007 min
Response: 6865859
Conc: 10.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

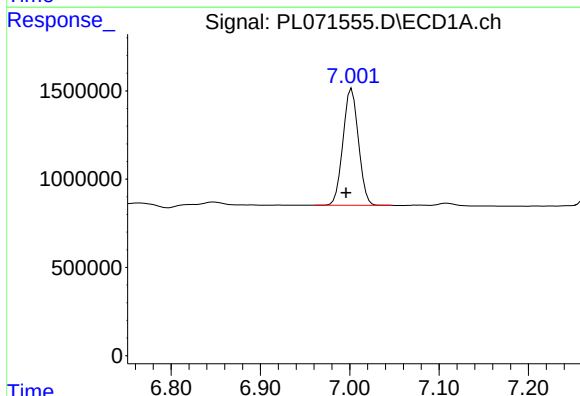
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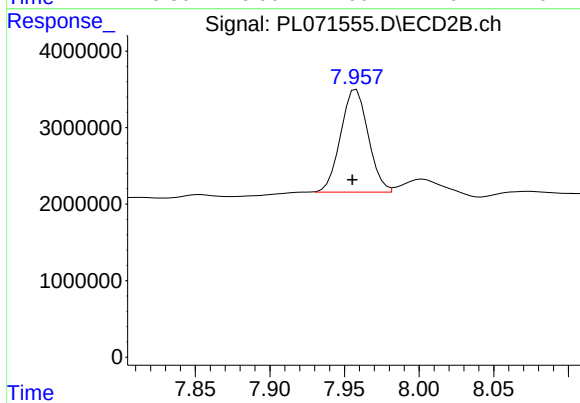
#7 delta-BHC

R.T.: 6.998 min
Delta R.T.: 0.002 min
Response: 20643549
Conc: 13.51 ng/ml



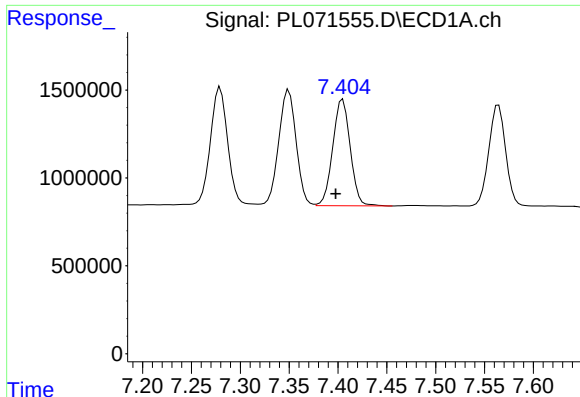
#8 Heptachlor epoxide

R.T.: 7.002 min
Delta R.T.: 0.006 min
Response: 7938994
Conc: 12.97 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: 0.001 min
Response: 17424219
Conc: 12.99 ng/ml m



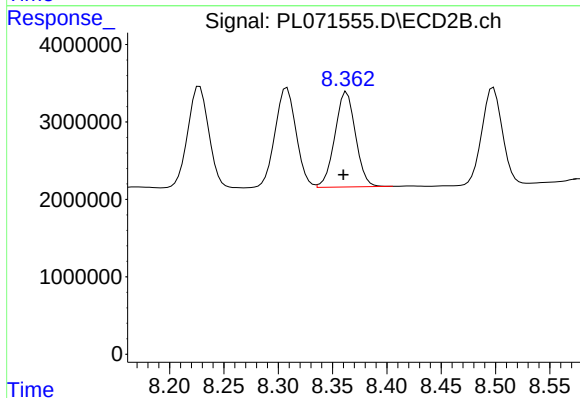
#9 Endosulfan I

R.T.: 7.405 min
Delta R.T.: 0.007 min
Response: 7537496
Conc: 12.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

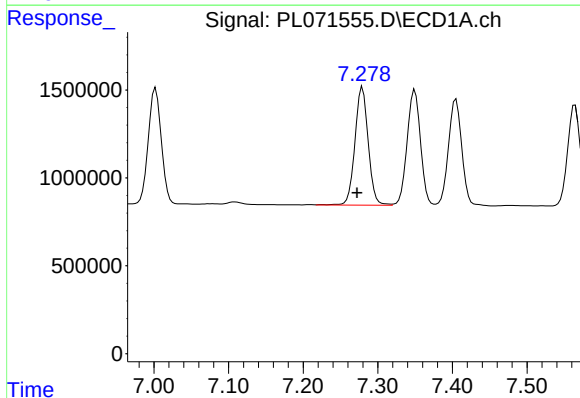
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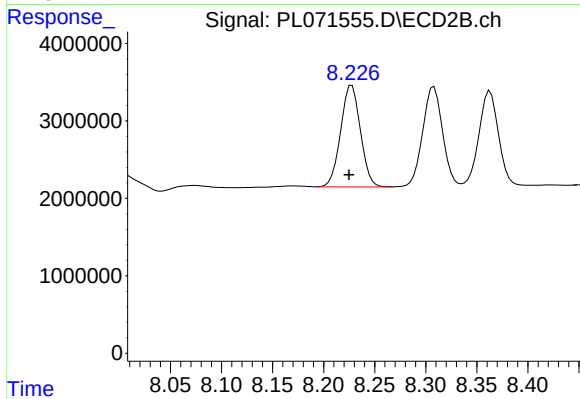
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: 0.003 min
Response: 16269314
Conc: 13.56 ng/ml



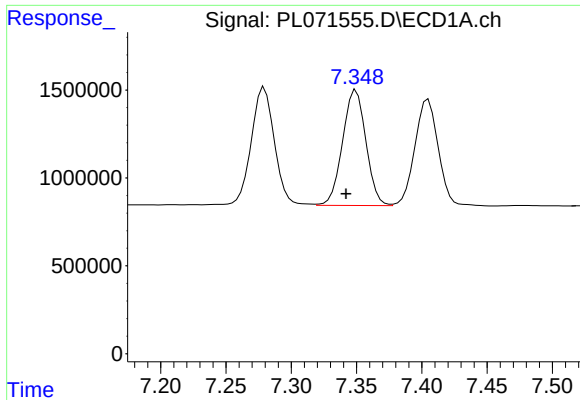
#10 gamma-Chlordane

R.T.: 7.279 min
Delta R.T.: 0.007 min
Response: 8319882
Conc: 13.40 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: 0.001 min
Response: 17666538
Conc: 13.66 ng/ml m



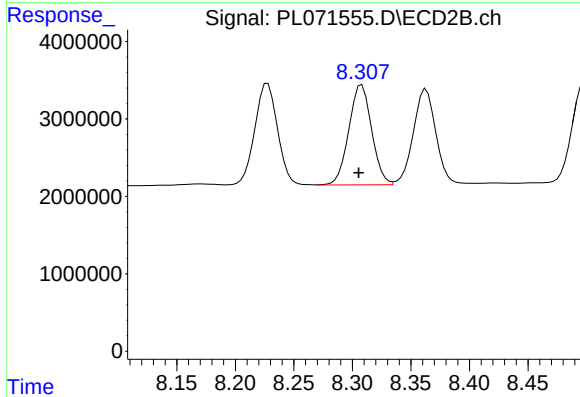
#11 alpha-Chlordane

R.T.: 7.350 min
Delta R.T.: 0.008 min
Response: 8190755
Conc: 13.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

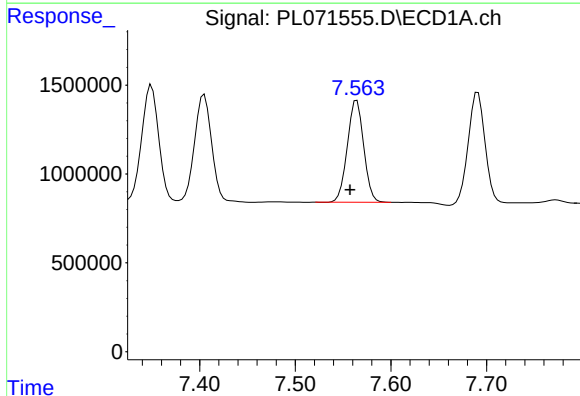
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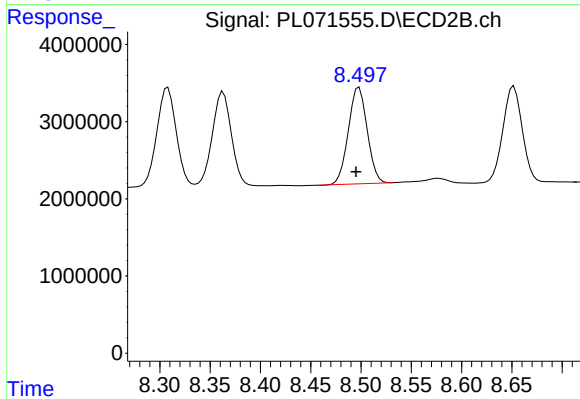
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: 0.001 min
Response: 17517098
Conc: 13.79 ng/ml m



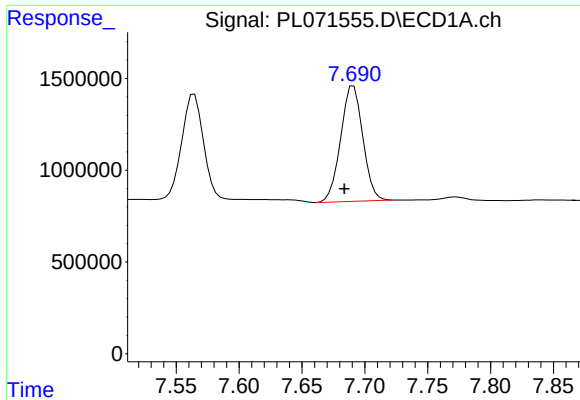
#12 4,4'-DDE

R.T.: 7.564 min
Delta R.T.: 0.007 min
Response: 6848858
Conc: 12.55 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: 0.003 min
Response: 16299004
Conc: 13.68 ng/ml



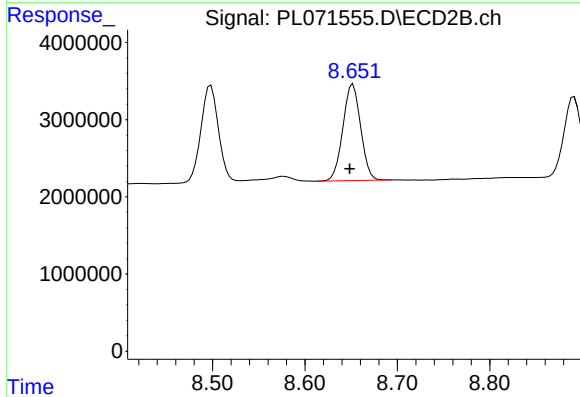
#13 Dieldrin

R.T.: 7.690 min
Delta R.T.: 0.006 min
Response: 7717787
Conc: 13.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

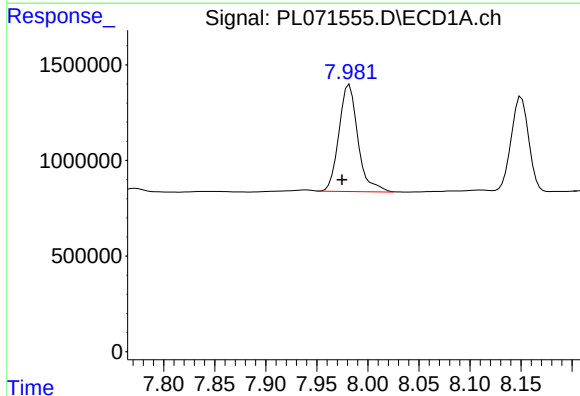
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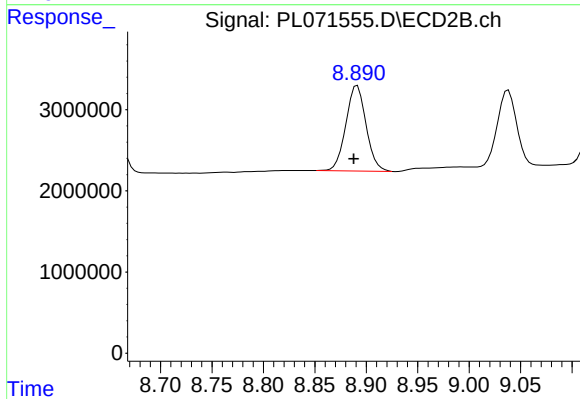
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: 0.003 min
Response: 16710374
Conc: 13.74 ng/ml



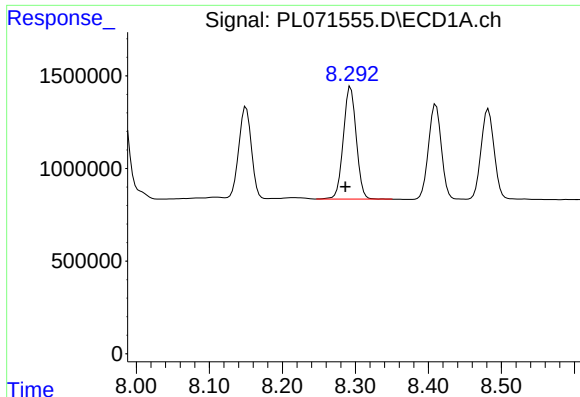
#14 Endrin

R.T.: 7.981 min
Delta R.T.: 0.006 min
Response: 7255981
Conc: 13.25 ng/ml m



#14 Endrin

R.T.: 8.891 min
Delta R.T.: 0.003 min
Response: 14380242
Conc: 14.19 ng/ml



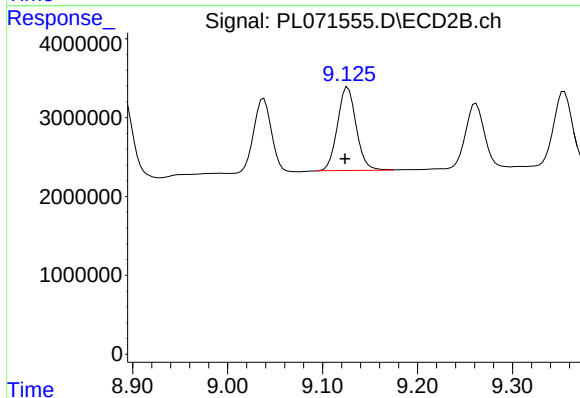
#15 Endosulfan II

R.T.: 8.293 min
Delta R.T.: 0.007 min
Response: 7447714
Conc: 13.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

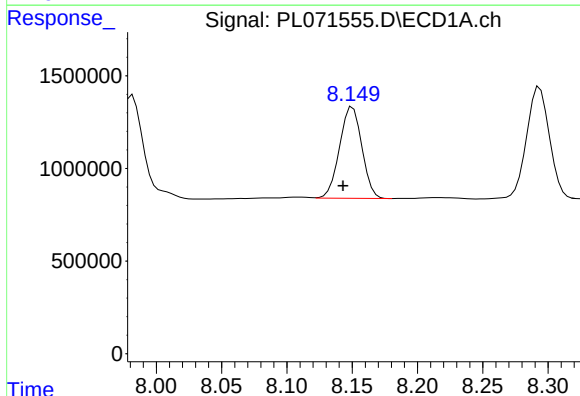
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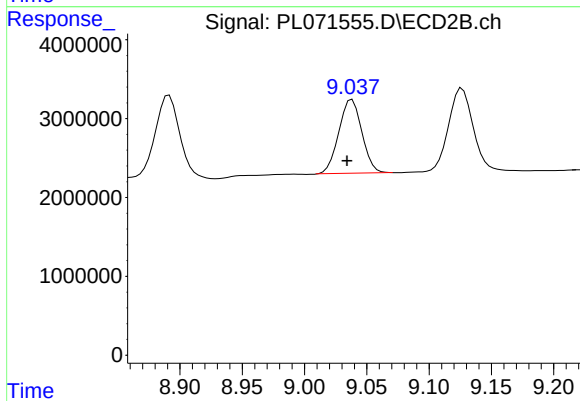
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: 0.002 min
Response: 14542570
Conc: 14.41 ng/ml m



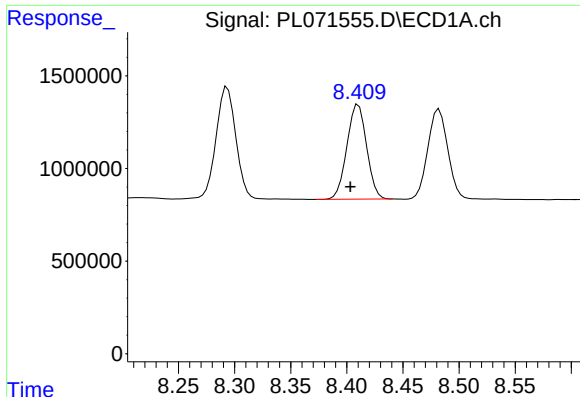
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: 0.007 min
Response: 5882454
Conc: 12.50 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: 0.003 min
Response: 12059475
Conc: 13.66 ng/ml m



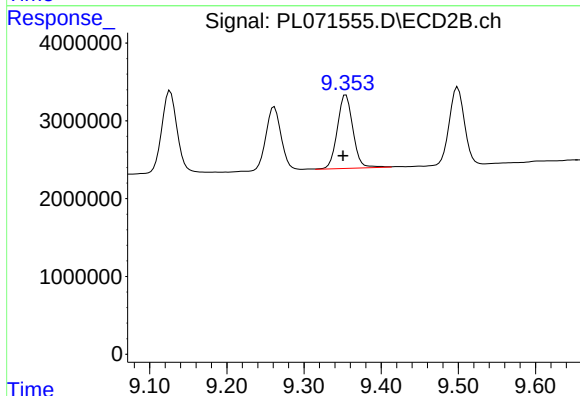
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: 0.007 min
Response: 6250418
Conc: 12.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

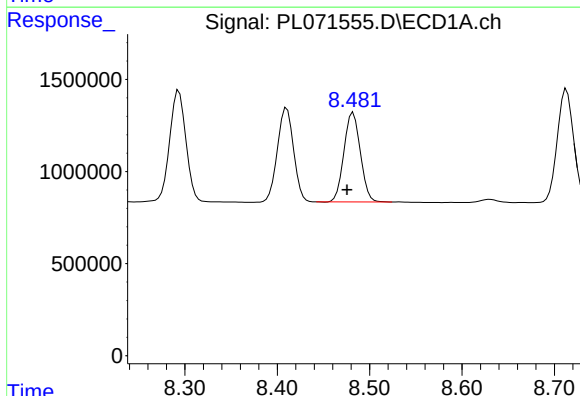
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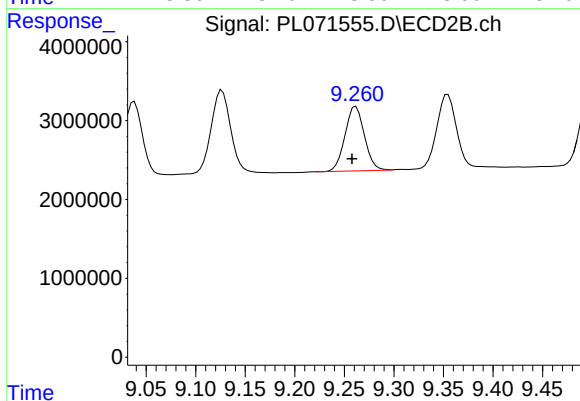
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: 0.004 min
Response: 13275340
Conc: 13.42 ng/ml



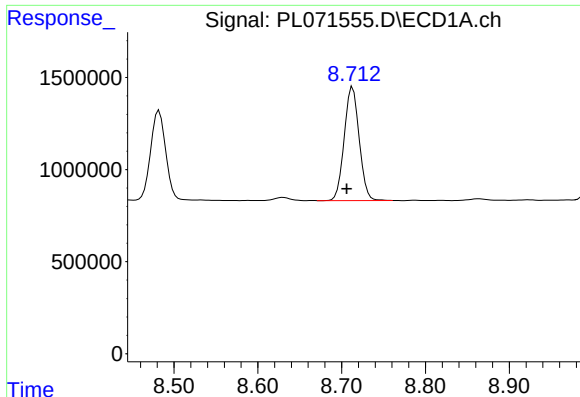
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: 0.007 min
Response: 6006866
Conc: 14.13 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.004 min
Response: 11136693
Conc: 14.78 ng/ml



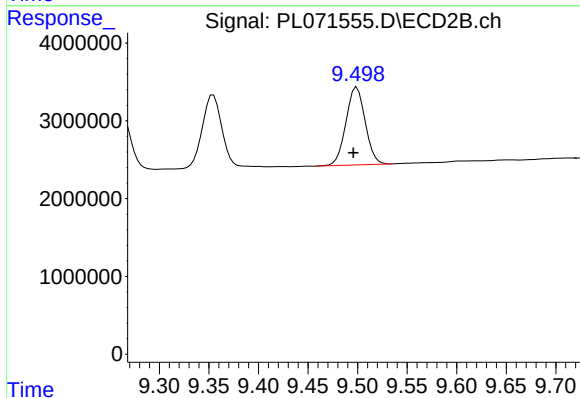
#19 Endosulfan Sulfate

R.T.: 8.713 min
Delta R.T.: 0.007 min
Response: 7662665
Conc: 13.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

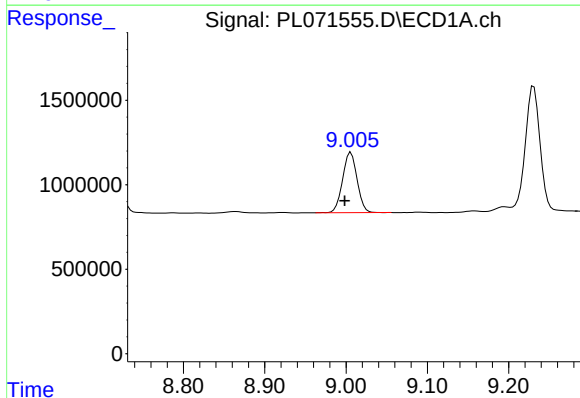
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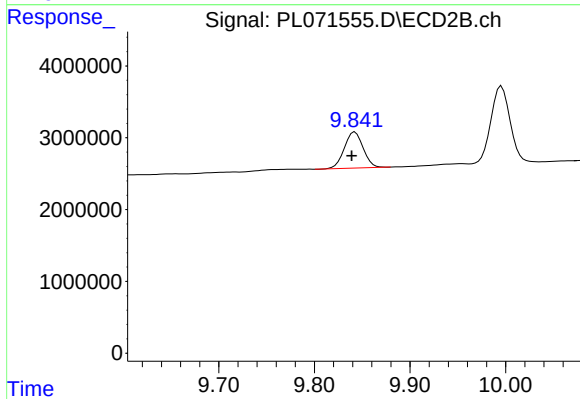
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.004 min
Response: 13538159
Conc: 13.81 ng/ml



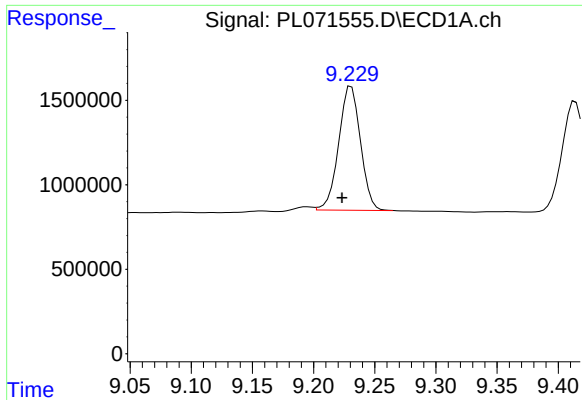
#20 Methoxychlor

R.T.: 9.006 min
Delta R.T.: 0.008 min
Response: 4409236
Conc: 13.61 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.003 min
Response: 6943456
Conc: 13.83 ng/ml



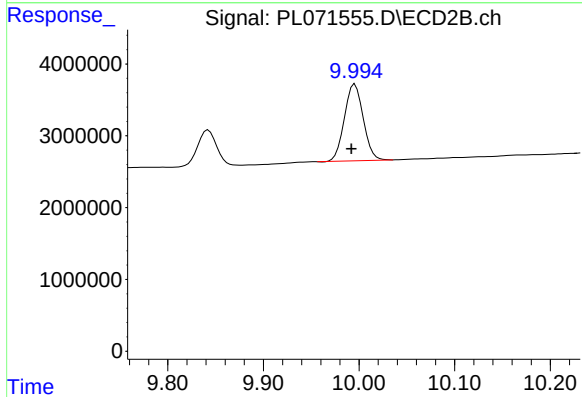
#21 Endrin ketone

R.T.: 9.229 min
Delta R.T.: 0.006 min
Response: 9069059
Conc: 13.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

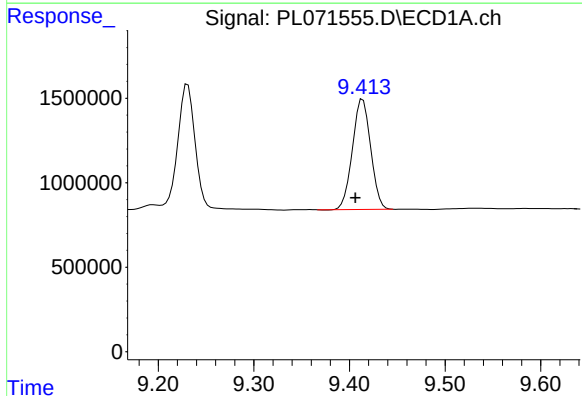
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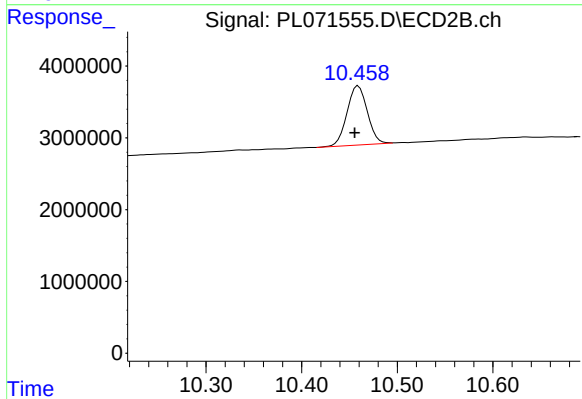
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.004 min
Response: 14705974
Conc: 13.98 ng/ml



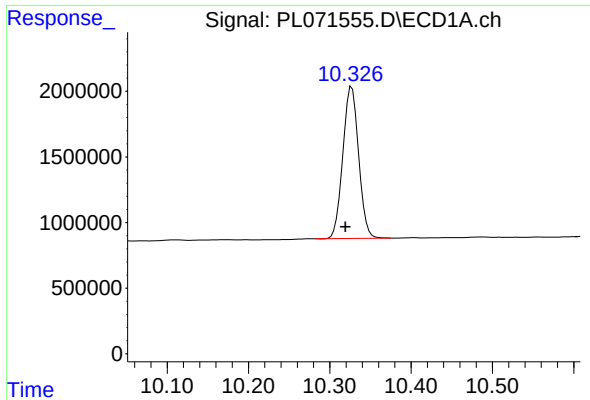
#22 Mirex

R.T.: 9.414 min
Delta R.T.: 0.008 min
Response: 8672014
Conc: 14.95 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: 0.004 min
Response: 12255042
Conc: 15.23 ng/ml



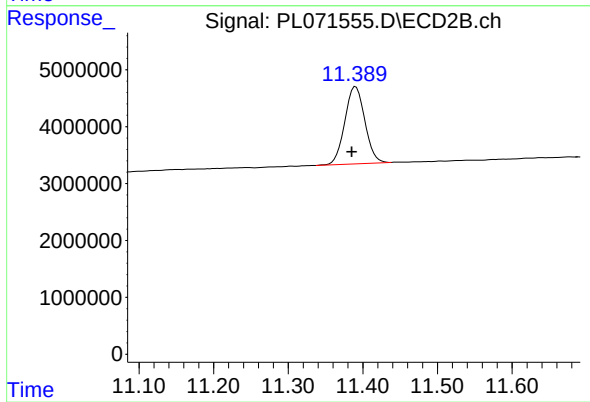
#28 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: 0.008 min
Response: 15567888
Conc: 23.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141593BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2021
Supervised By :mohammad ahmed 12/22/2021



#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: 0.005 min
Response: 25283933
Conc: 23.27 ng/ml