

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2022 11:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2022
 Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 02:54:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.644	5.486	16632389	90366971	51.476	50.683
28)	SA Decachlor...	10.412	11.332	24478251	90426658	47.071	51.196
Target Compounds							
2)	A alpha-BHC	5.351	6.050	21748088	131.6E6	51.823	52.266
3)	MA gamma-BHC...	5.775	6.440	21609059	123.5E6	51.524	52.193
4)	MA Heptachlor	6.185	7.099	24076560	130.8E6	53.449	50.152
5)	MB Aldrin	6.509	7.468	21670792	122.6E6	52.213	52.221
6)	B beta-BHC	6.155	6.677	10791856	54870932	52.816	48.687
7)	B delta-BHC	6.416	6.945	21786769	115.5E6	52.667	47.276
8)	B Heptachlo...	7.086	7.924	22289260	107.3E6	51.964	47.644
9)	A Endosulfan I	7.489	8.325	21280728	100.7E6	51.889	51.159
10)	B gamma-Chl...	7.363	8.193	22768093	109.0E6	51.912	48.867
11)	B alpha-Chl...	7.433	8.275	22949541	108.9E6	51.949	50.606
12)	B 4,4'-DDE	7.647	8.460	19321057	103.9E6	52.961	52.146
13)	MA Dieldrin	7.775	8.610	21687451	103.3E6	50.486	51.514
14)	MA Endrin	8.066	8.845	20119722	87022346	49.527	51.381
15)	B Endosulfa...	8.376	9.069	20298368	88817909	49.249	51.126
16)	A 4,4'-DDD	8.230	8.988	16505423	78713714	51.112m	51.159
17)	MA 4,4'-DDT	8.493	9.307	19357952	90371465	52.370	50.981
18)	B Endrin al...	8.565	9.202	16105047	64404236	49.776	49.863
19)	B Endosulfa...	8.796	9.439	21260504	81975207	49.788	49.254
20)	A Methoxychlor	9.088	9.787	11941312	44710474	48.098	46.484
21)	B Endrin ke...	9.314	9.928	24507463	86701733	50.163	50.089
22)	Mirex	9.501	10.405	22676232	68245105	48.619	49.546

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

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 Acq On : 20 Apr 2022 11:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

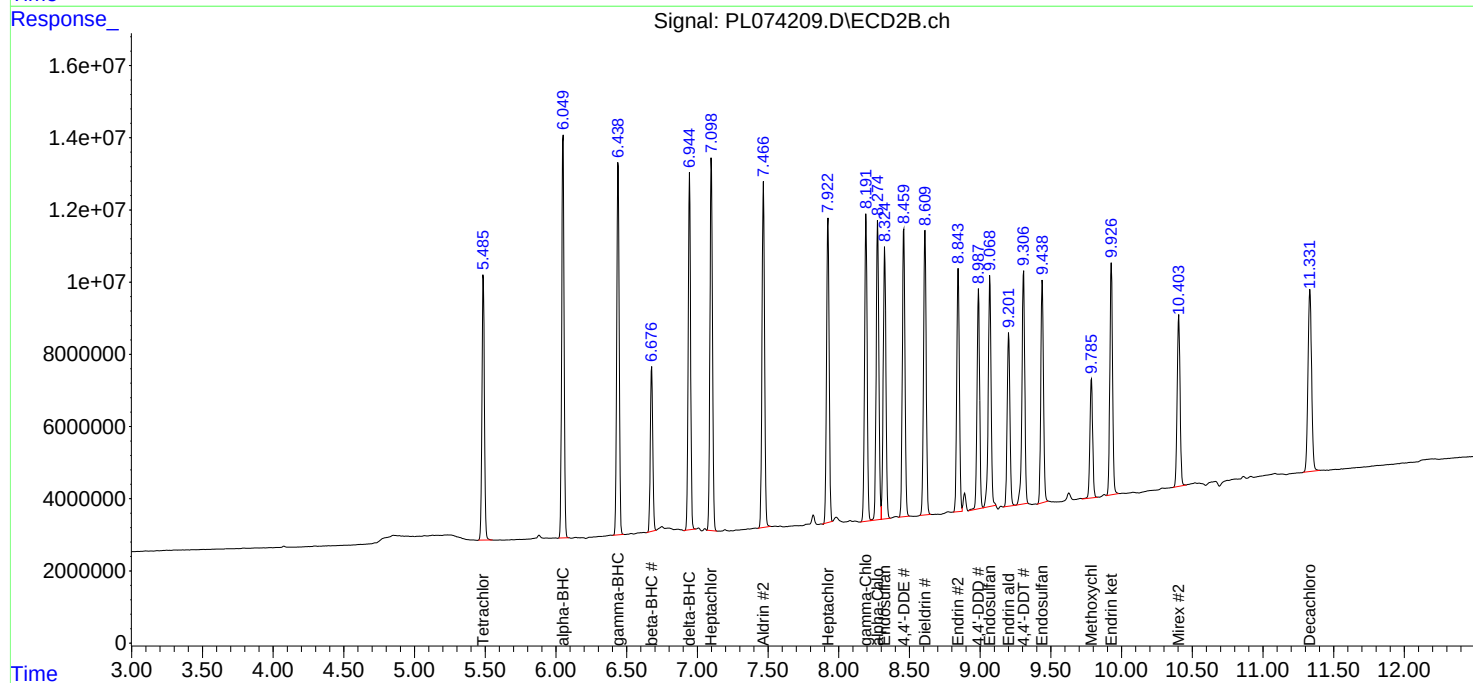
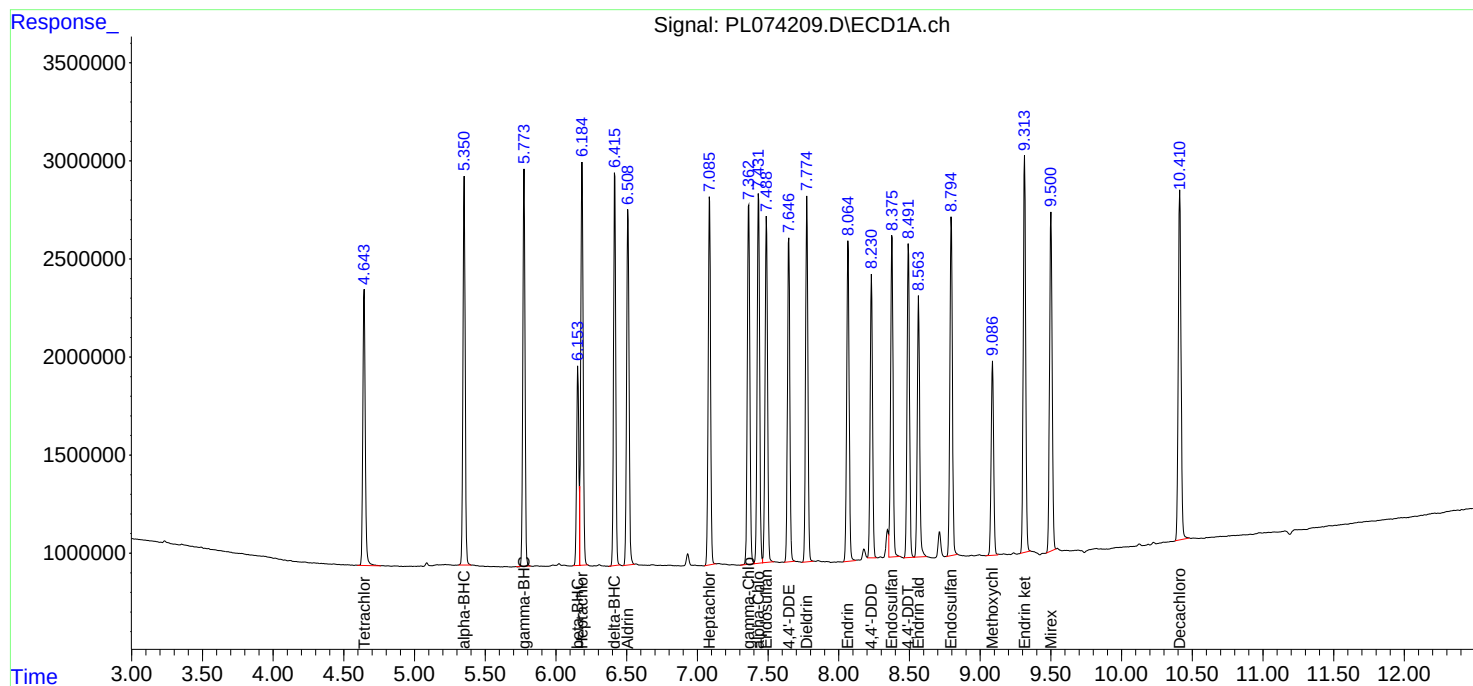
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

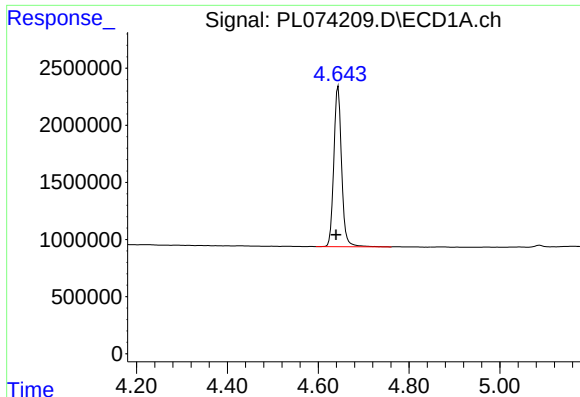
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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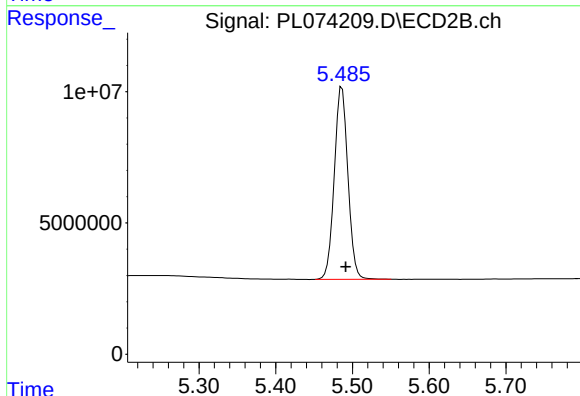
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.005 min
Response: 16632389
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

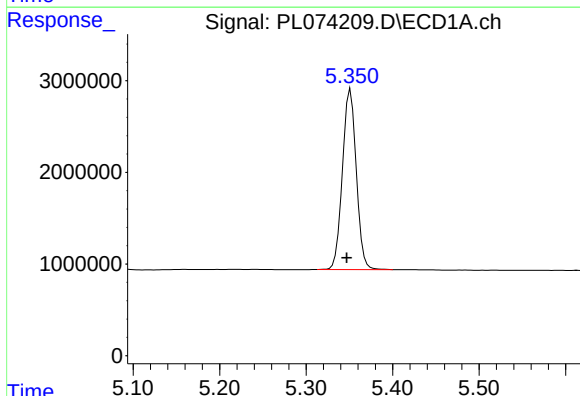
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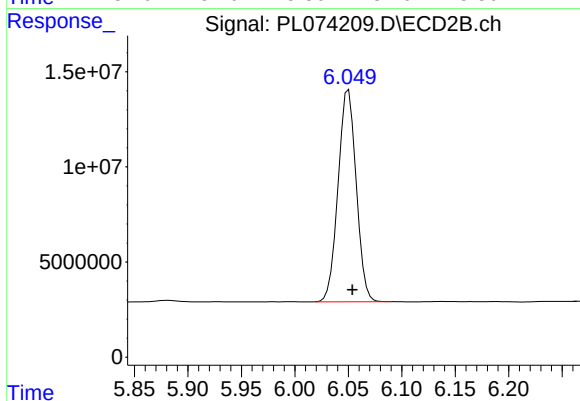
#1 Tetrachloro-m-xylene

R.T.: 5.486 min
Delta R.T.: -0.005 min
Response: 90366971
Conc: 50.68 ng/ml



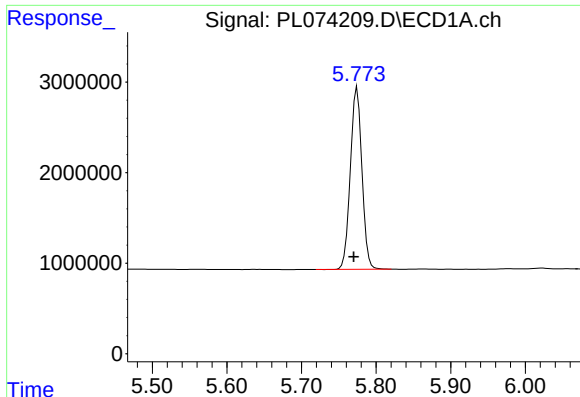
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.004 min
Response: 21748088
Conc: 51.82 ng/ml



#2 alpha-BHC

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 131609624
Conc: 52.27 ng/ml



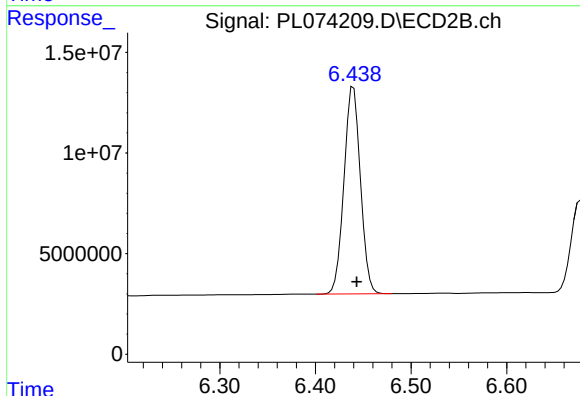
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.004 min
Response: 21609059
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

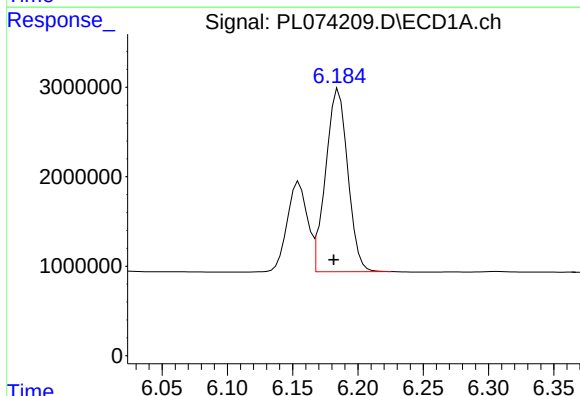
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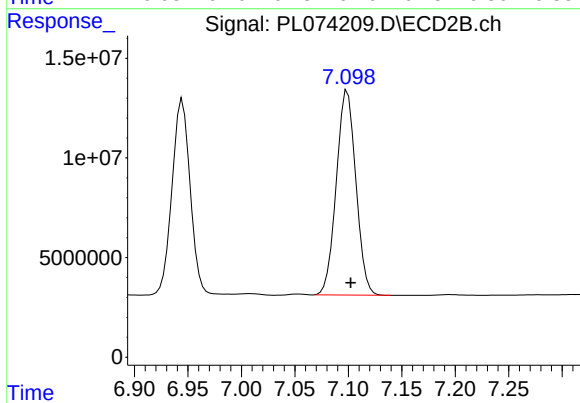
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 123547038
Conc: 52.19 ng/ml



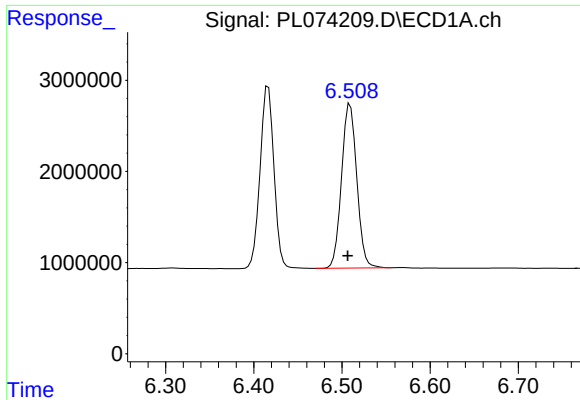
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: 0.004 min
Response: 24076560
Conc: 53.45 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 130818352
Conc: 50.15 ng/ml



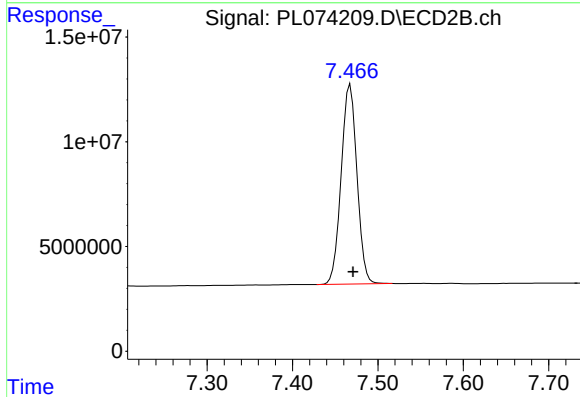
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: 0.003 min
Response: 21670792
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

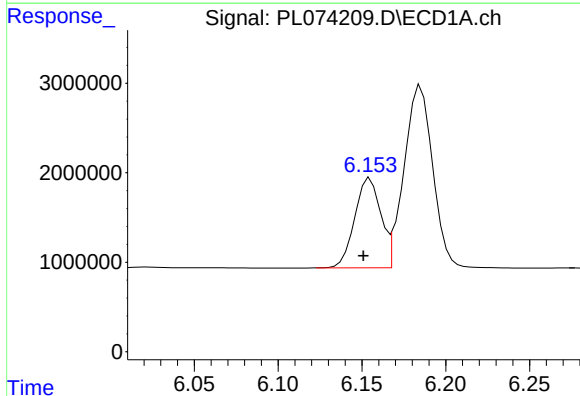
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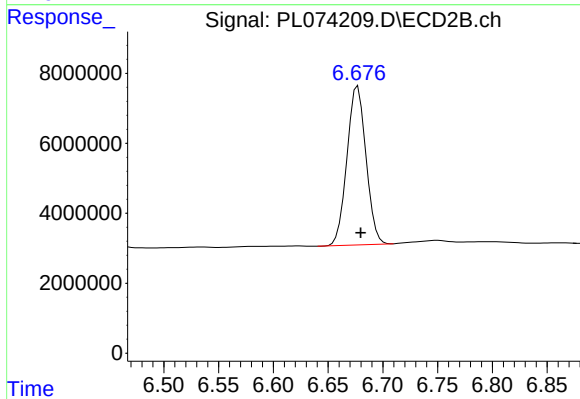
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 122646418
Conc: 52.22 ng/ml



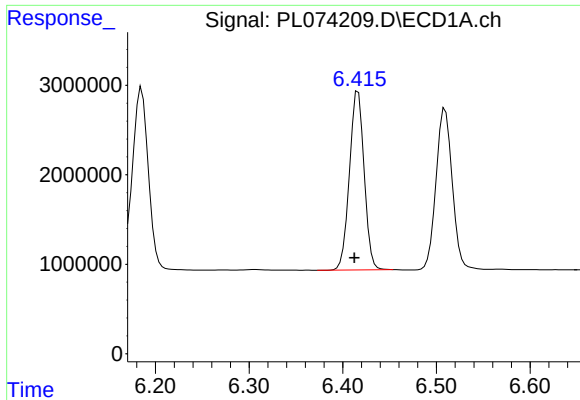
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.004 min
Response: 10791856
Conc: 52.82 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 54870932
Conc: 48.69 ng/ml



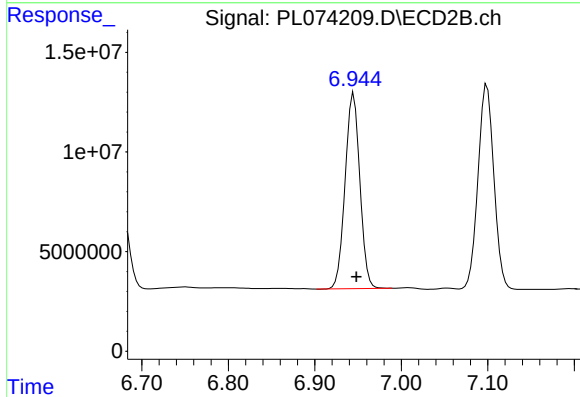
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.004 min
Response: 21786769
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

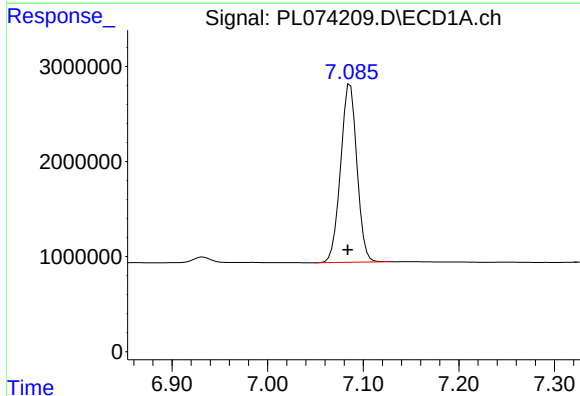
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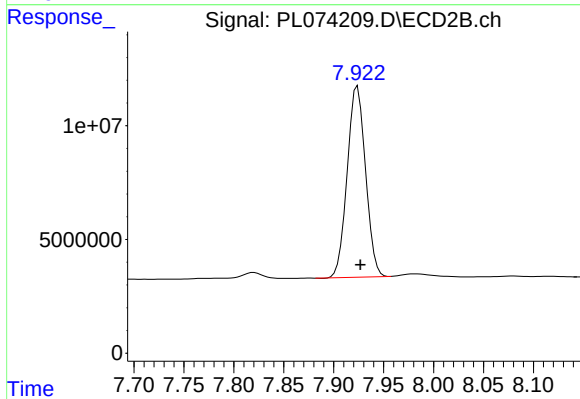
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 115461417
Conc: 47.28 ng/ml



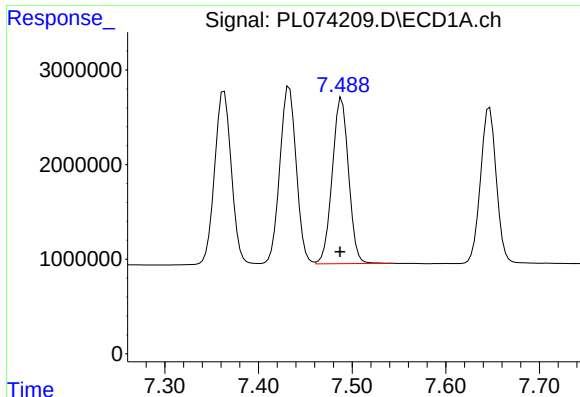
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: 0.003 min
Response: 22289260
Conc: 51.96 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 107273789
Conc: 47.64 ng/ml



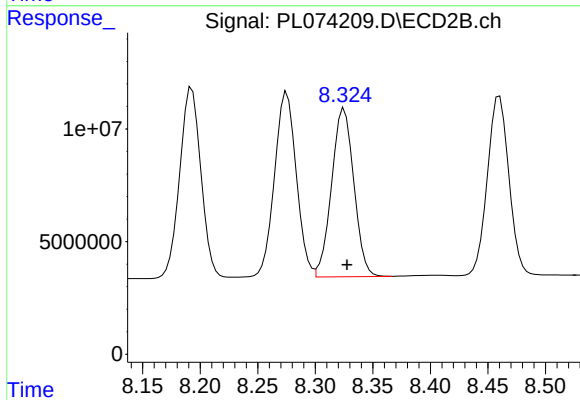
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: 0.002 min
Response: 21280728
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

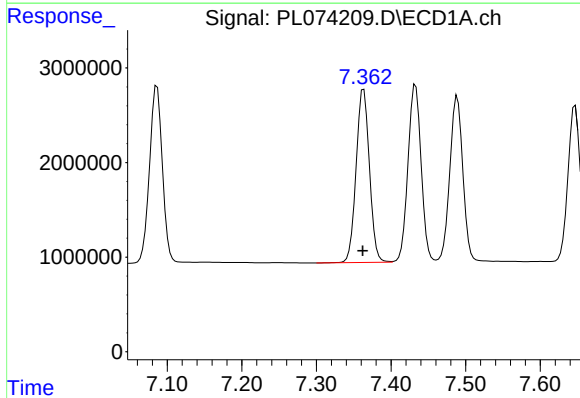
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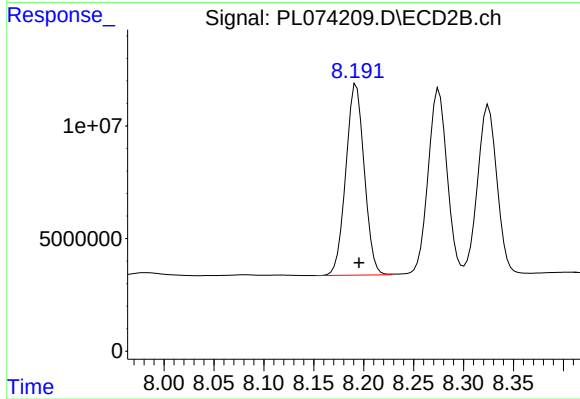
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 100715320
Conc: 51.16 ng/ml



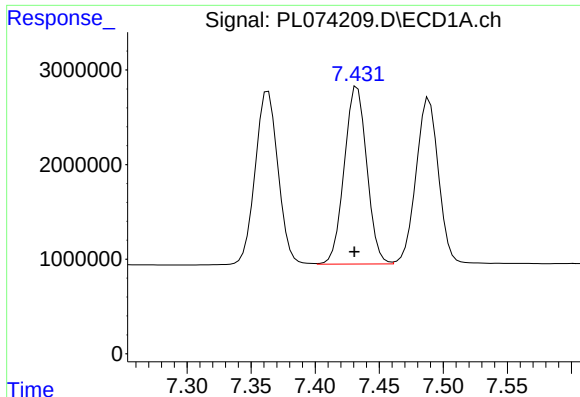
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: 0.001 min
Response: 22768093
Conc: 51.91 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 108990452
Conc: 48.87 ng/ml



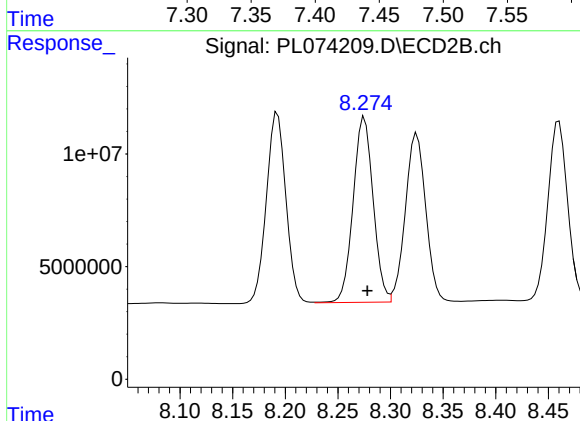
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: 0.002 min
Response: 22949541
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

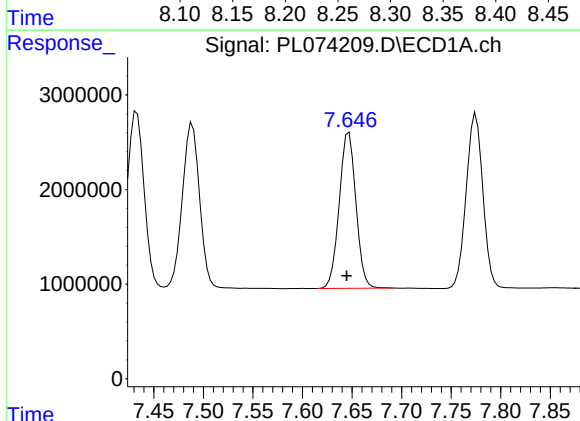
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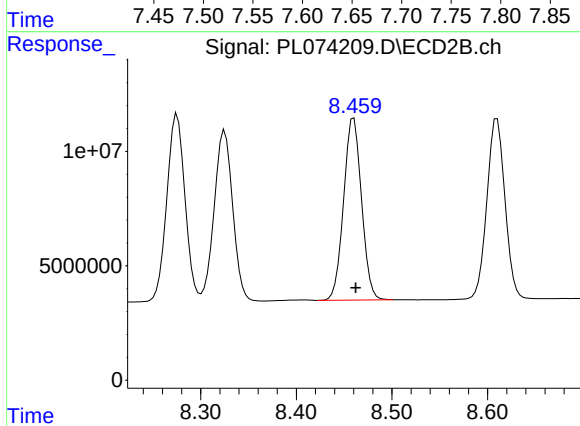
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 108934720
Conc: 50.61 ng/ml



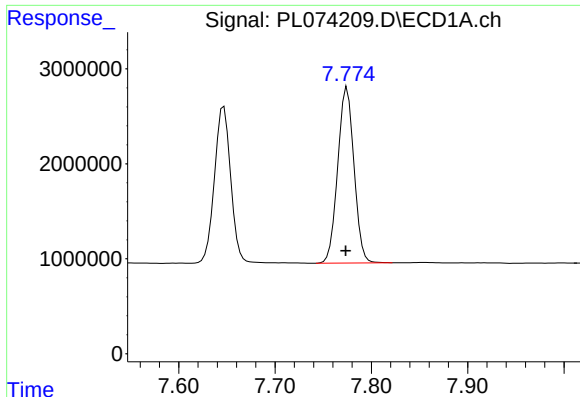
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 19321057
Conc: 52.96 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 103858484
Conc: 52.15 ng/ml



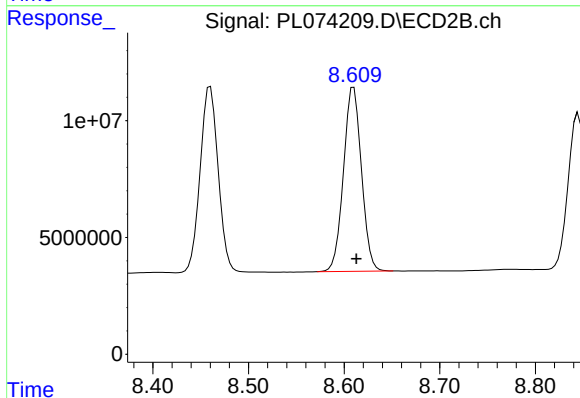
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: 0.002 min
Response: 21687451
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

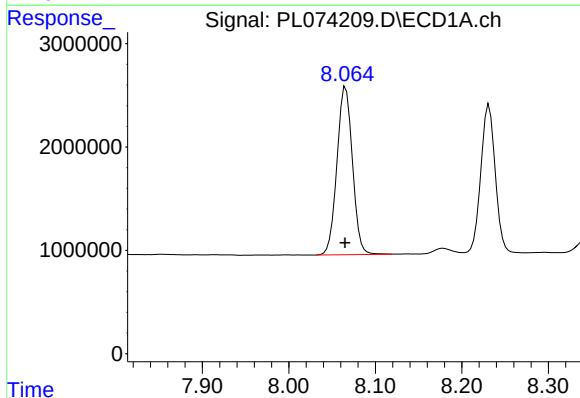
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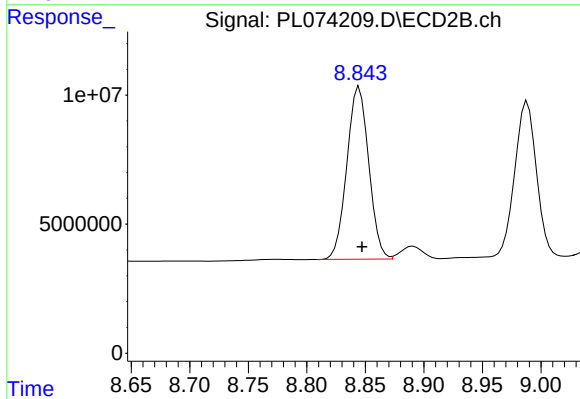
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 103299569
Conc: 51.51 ng/ml



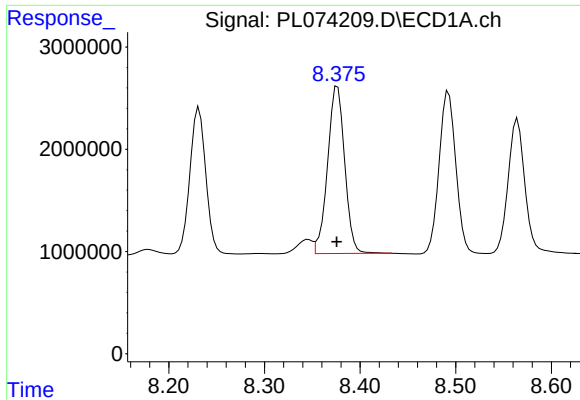
#14 Endrin

R.T.: 8.066 min
Delta R.T.: 0.001 min
Response: 20119722
Conc: 49.53 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 87022346
Conc: 51.38 ng/ml



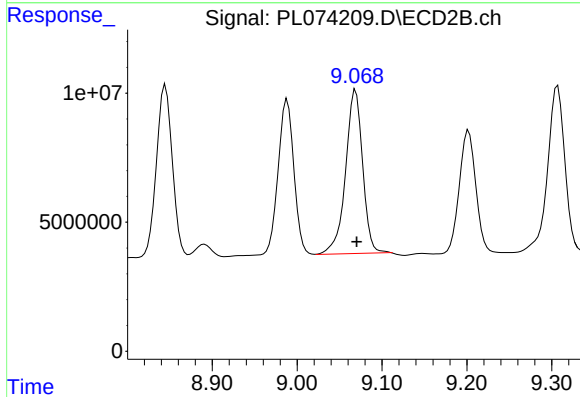
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 20298368
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
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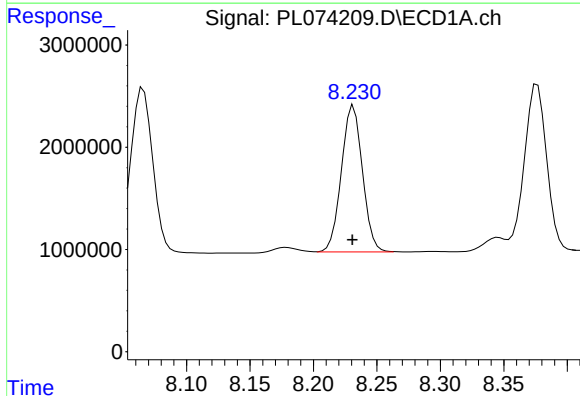
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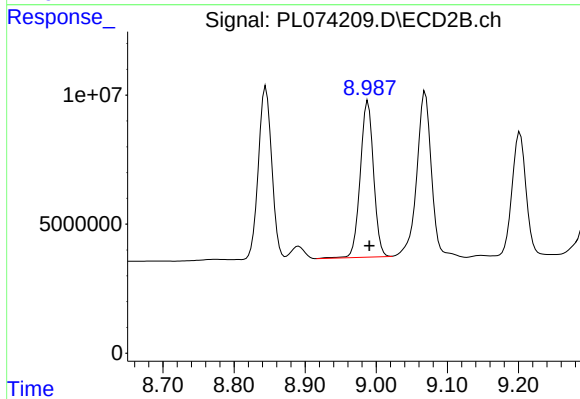
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 88817909
Conc: 51.13 ng/ml



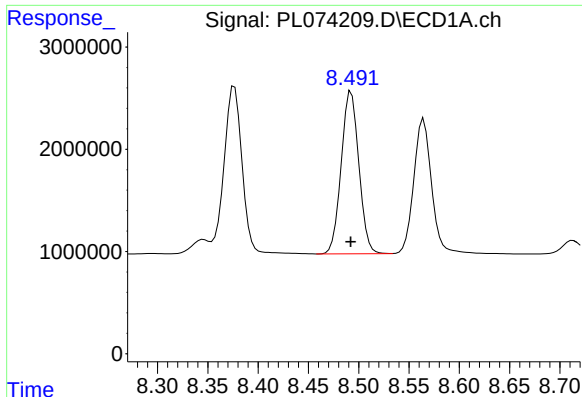
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 16505423
Conc: 51.11 ng/ml m



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 78713714
Conc: 51.16 ng/ml



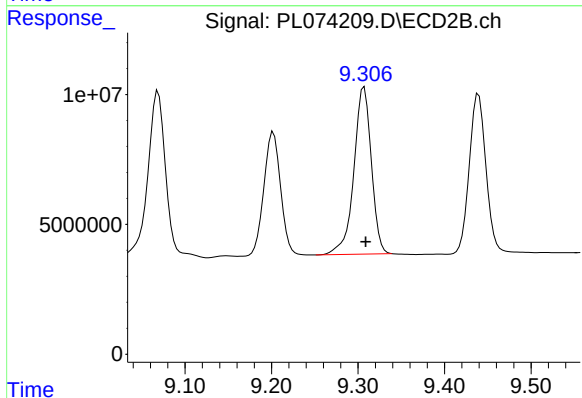
#17 4,4'-DDT

R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 19357952
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

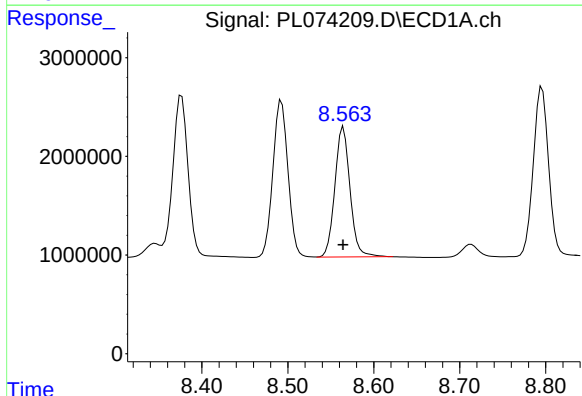
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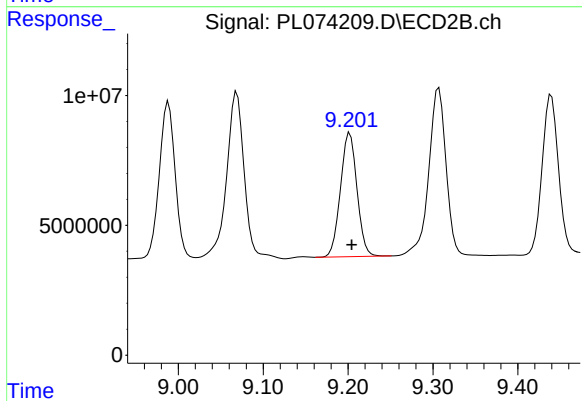
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 90371465
Conc: 50.98 ng/ml



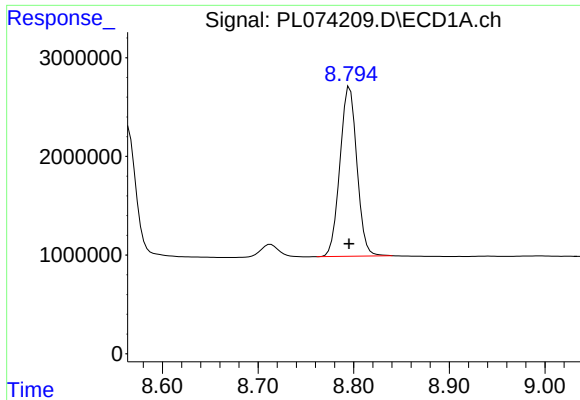
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 16105047
Conc: 49.78 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 64404236
Conc: 49.86 ng/ml



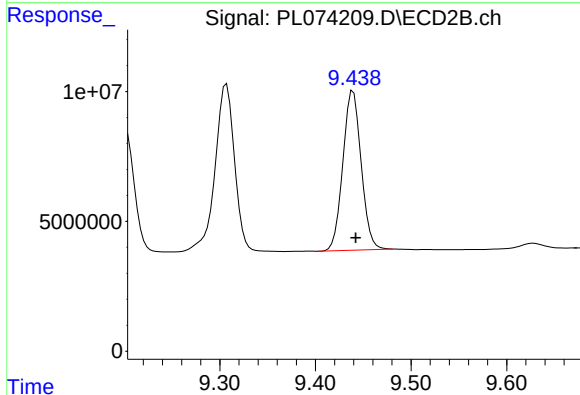
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 21260504
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

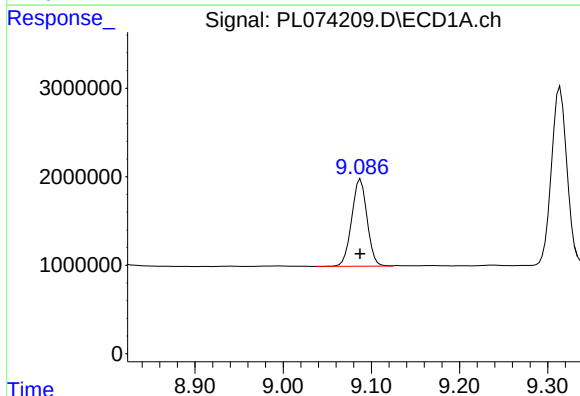
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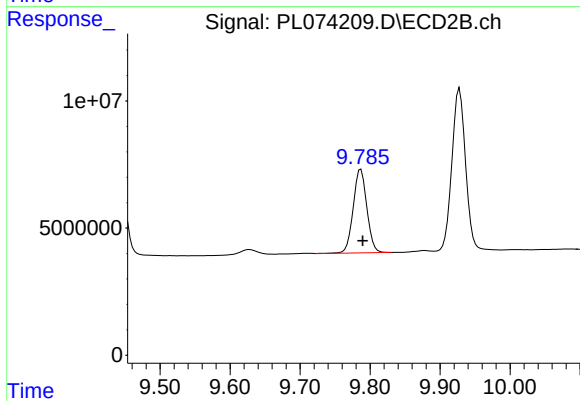
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 81975207
Conc: 49.25 ng/ml



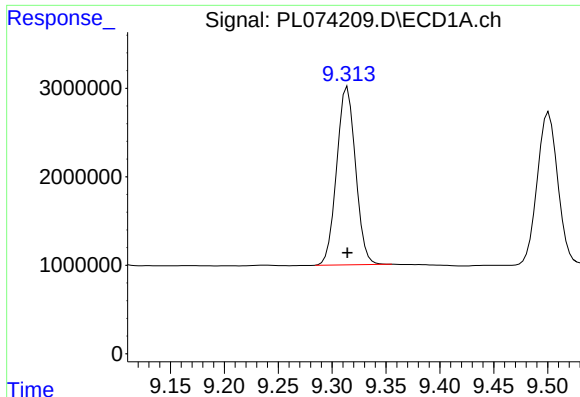
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 11941312
Conc: 48.10 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 44710474
Conc: 46.48 ng/ml



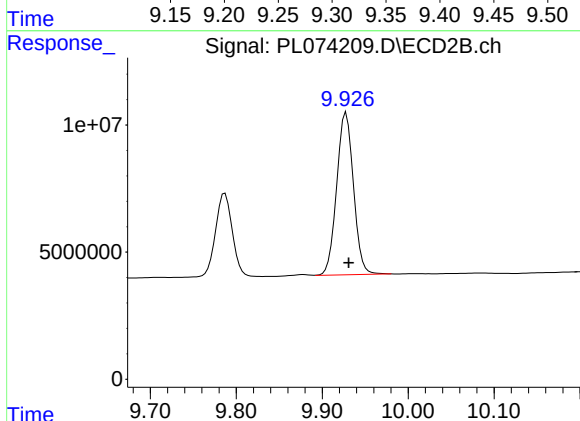
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 24507463
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

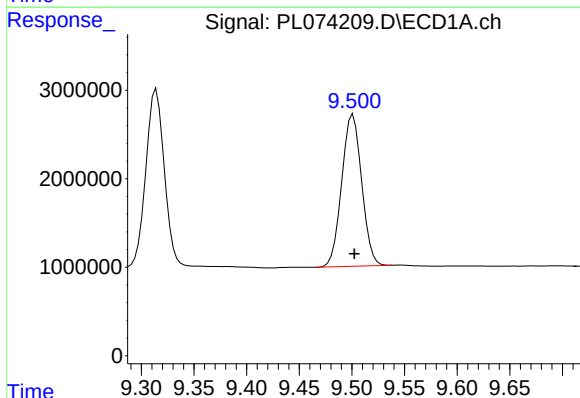
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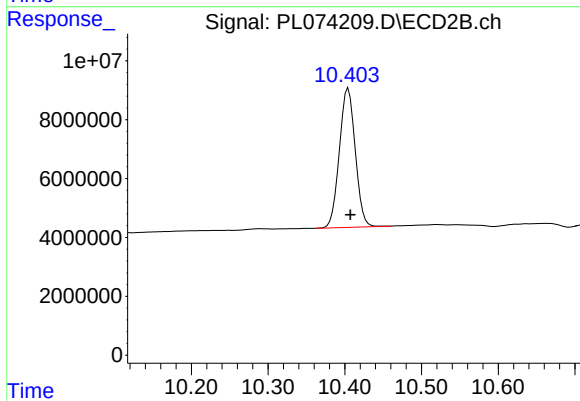
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 86701733
Conc: 50.09 ng/ml



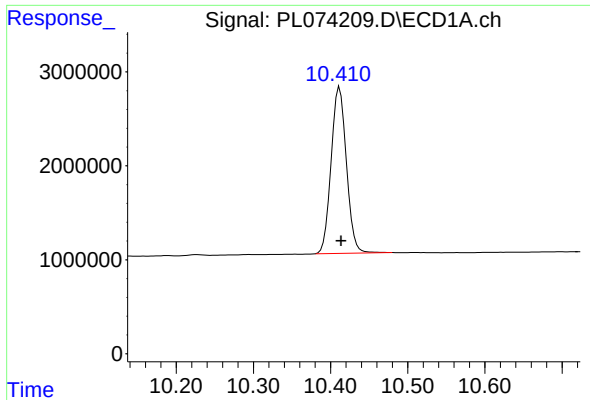
#22 Mirex

R.T.: 9.501 min
Delta R.T.: -0.001 min
Response: 22676232
Conc: 48.62 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 68245105
Conc: 49.55 ng/ml



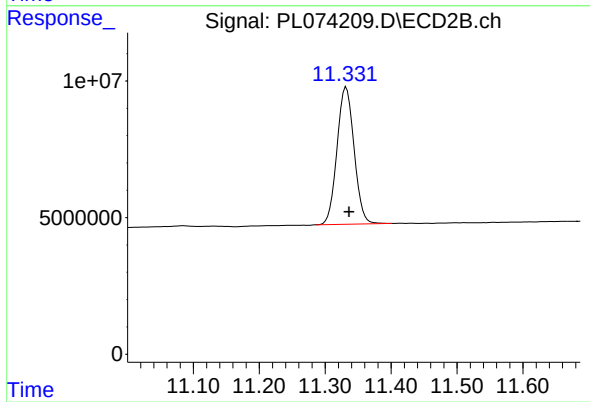
#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 24478251
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 90426658
Conc: 51.20 ng/ml