

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
 Data File : PL071669.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2021 22:11
 Operator : AR\AJ
 Sample : PB141704BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141704BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:42:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 27 14:06:28 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...	4.559	5.496	10483143	27654237	16.158	16.206
28)	SA Decachlor...	10.322	11.390	15011857	23833499	20.165	19.017
Target Compounds							
2)	A alpha-BHC	5.266	6.077	36561400	98195885	40.217	40.223
3)	MA gamma-BHC...	5.689	6.473	35572219	90561670	40.582	39.948
4)	MA Heptachlor	6.095	7.120	36220901	84243698	37.677	36.458
5)	MB Aldrin	6.419	7.489	36227587	88689226	40.573	40.252
6)	B beta-BHC	6.073	6.732	15328954	38808869	40.337	37.698
7)	B delta-BHC	6.331	6.997	33649650	82304385	39.094	39.031
8)	B Heptachlo...	6.997	7.957	34154159	79175298	40.455	40.249
9)	A Endosulfan I	7.399	8.362	31501507	69881293	41.174	41.035
10)	B gamma-Chl...	7.274	8.227	34736234	78636870	40.553	40.312
11)	B alpha-Chl...	7.343	8.307	34558952	75759060	40.689	40.647
12)	B 4,4'-DDE	7.558	8.497	31483058	73370600	42.248	41.456
13)	MA Dieldrin	7.684	8.651	33713414	75724178	40.931	40.810
14)	MA Endrin	7.976	8.890	28216308	57973544	37.926	38.468
15)	B Endosulfa...	8.288	9.126	30645447	62800892	42.593	42.239
16)	A 4,4'-DDD	8.144	9.037	25637541	53828410	43.211	41.451
17)	MA 4,4'-DDT	8.404	9.354	26378096	54323907	40.916	39.789
18)	B Endrin al...	8.476	9.261	25795903	51655082	44.471	44.675
19)	B Endosulfa...	8.708	9.498	29171169	56777820	39.494	40.353
20)	A Methoxychlor	9.000	9.841	15415171	26707759	41.368	41.088
21)	B Endrin ke...	9.226	9.994	35458957	62043207	45.082	45.681m
22)	Mirex	9.408	10.459	32160355	50796584	44.498	46.746

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
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 Acq On : 27 Dec 2021 22:11
 Operator : AR\AJ
 Sample : PB141704BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

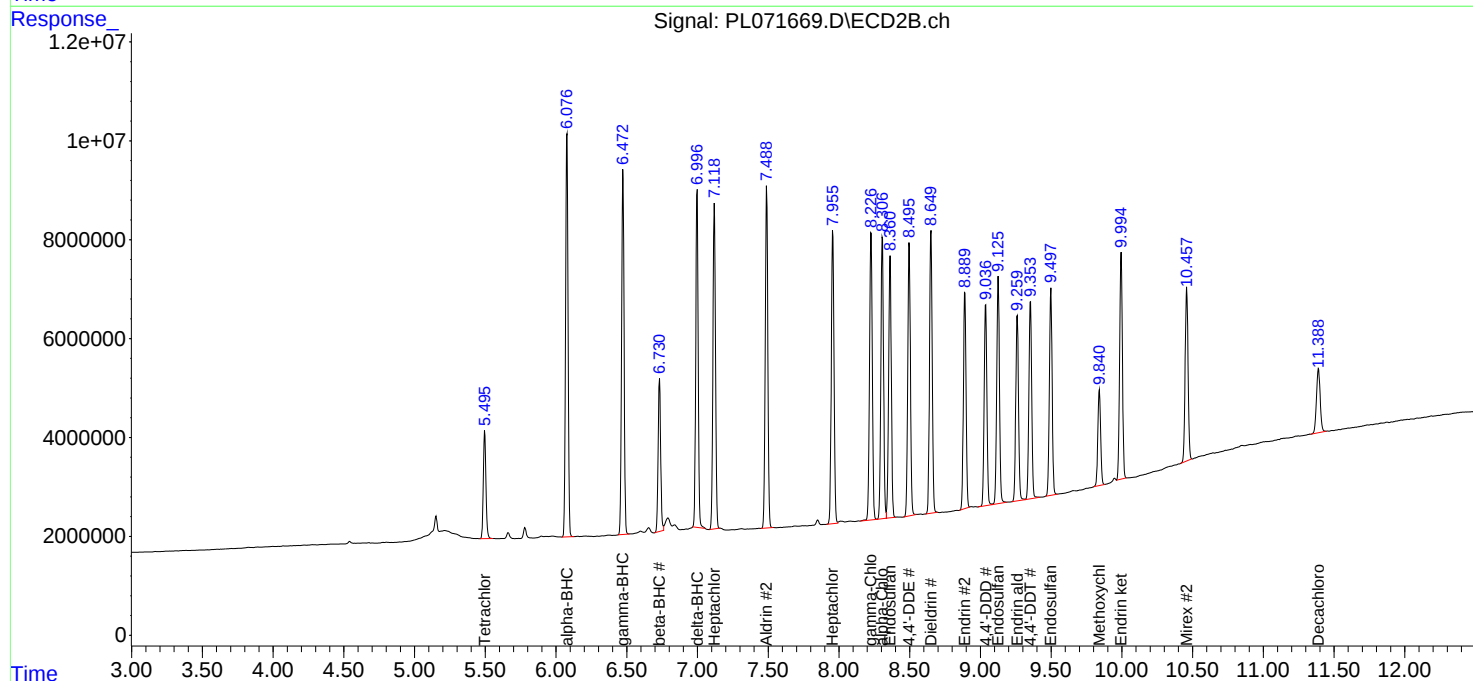
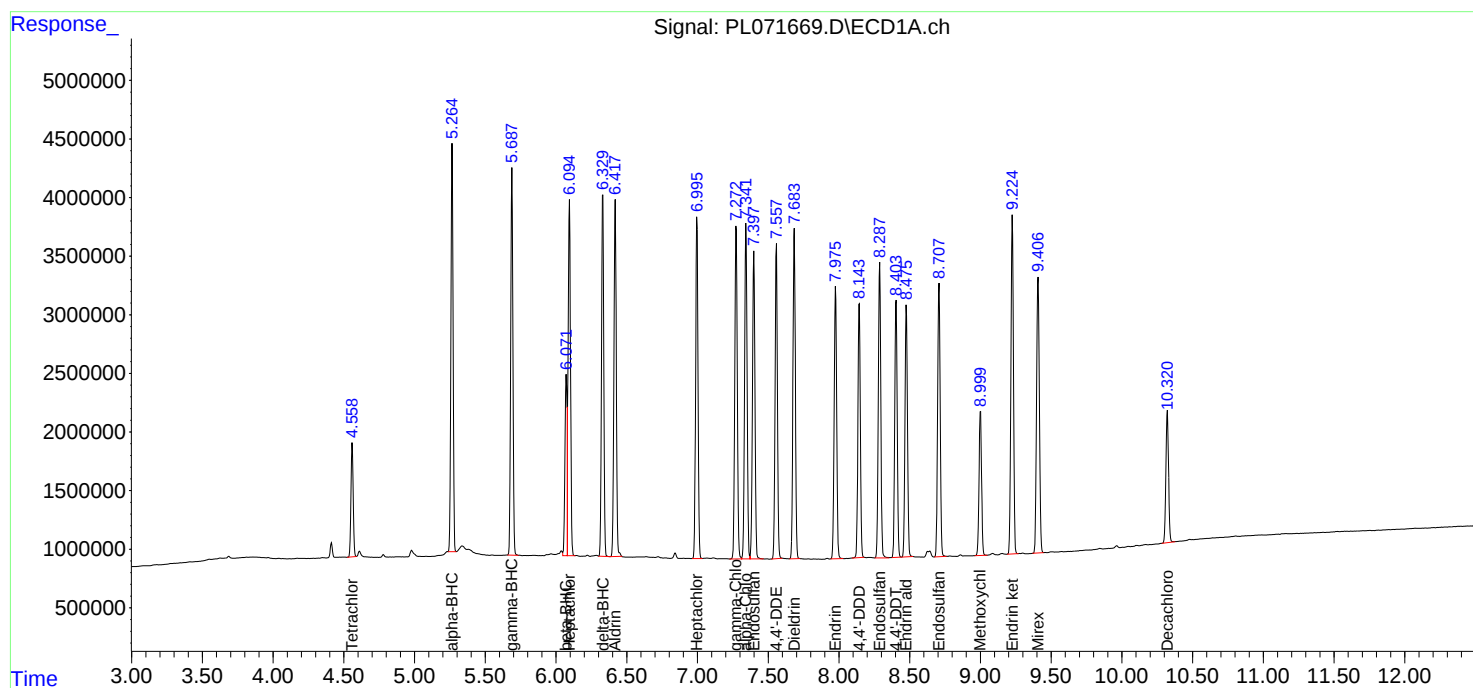
Instrument :
 ECD_L
 ClientSampleId :
 PB141704BS

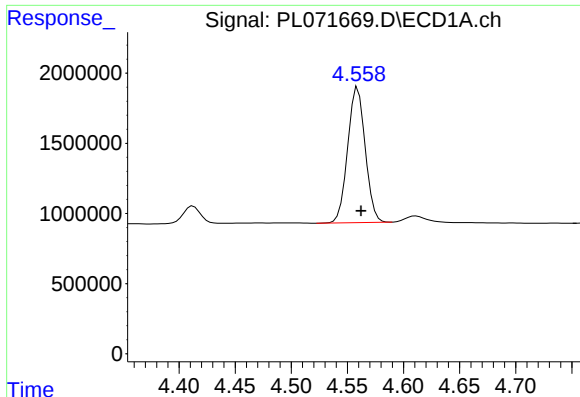
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 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:42:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
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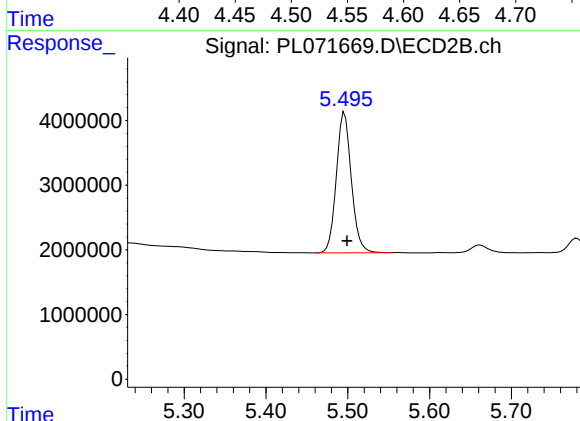
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 10483143
Conc: 16.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

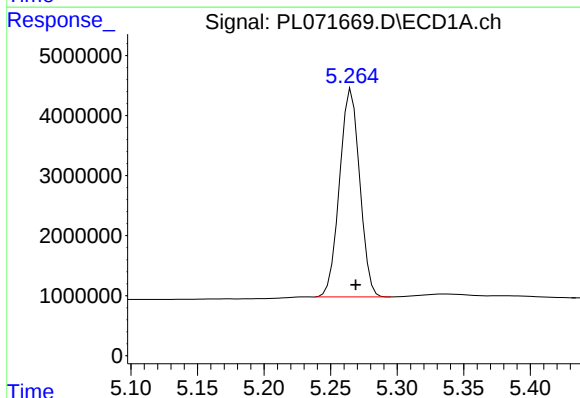
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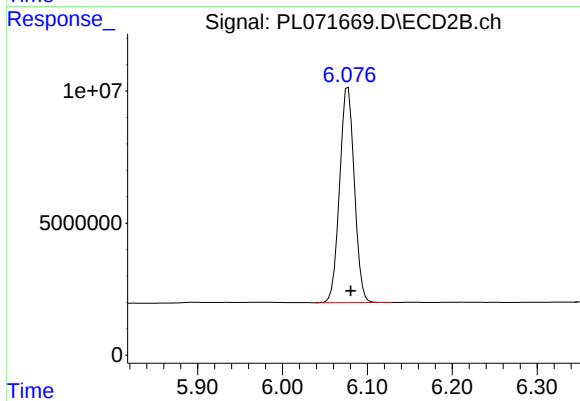
#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 27654237
Conc: 16.21 ng/ml



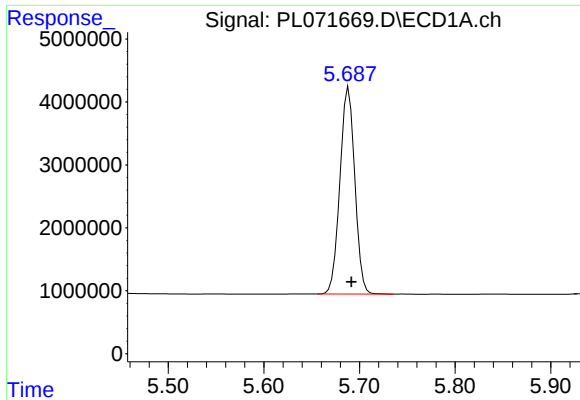
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 36561400
Conc: 40.22 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 98195885
Conc: 40.22 ng/ml



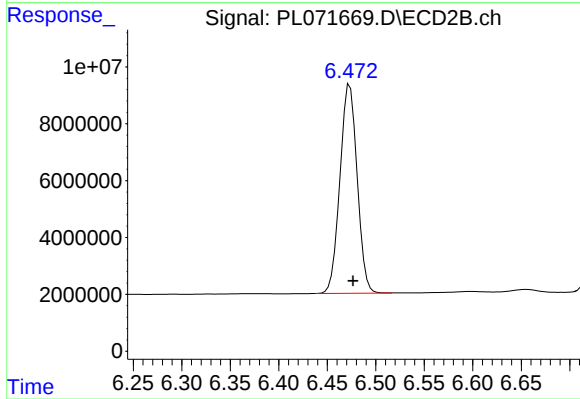
#3 gamma-BHC (Lindane)

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 35572219
Conc: 40.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

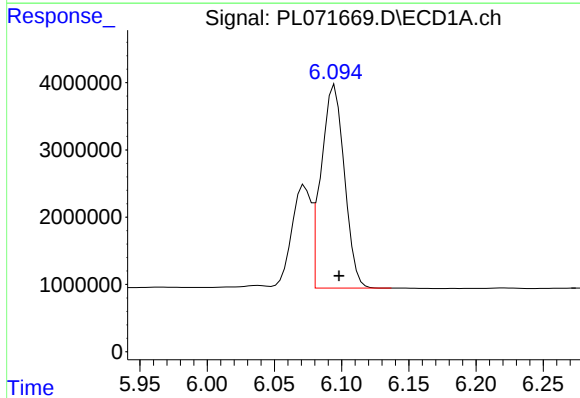
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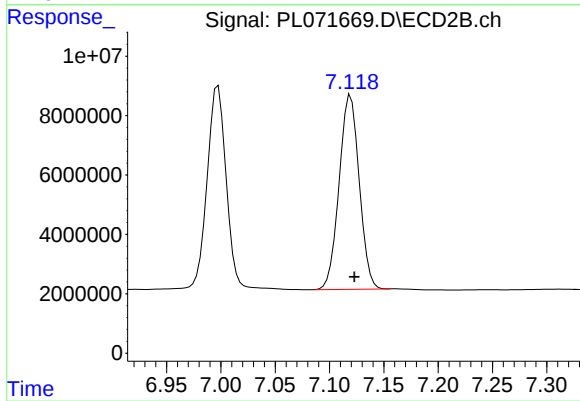
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 90561670
Conc: 39.95 ng/ml



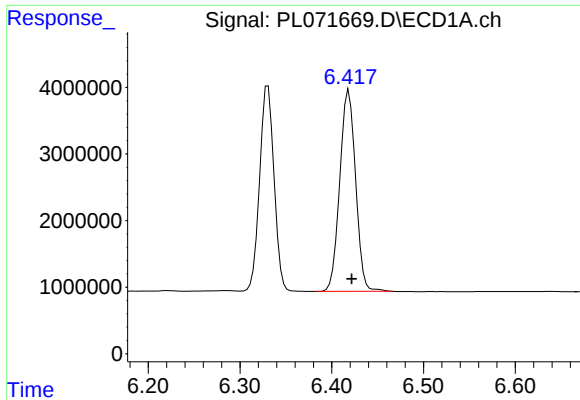
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 36220901
Conc: 37.68 ng/ml



#4 Heptachlor

R.T.: 7.120 min
Delta R.T.: -0.003 min
Response: 84243698
Conc: 36.46 ng/ml



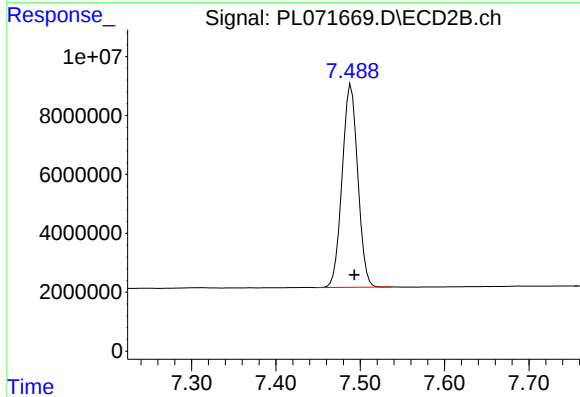
#5 Aldrin

R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 36227587
Conc: 40.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

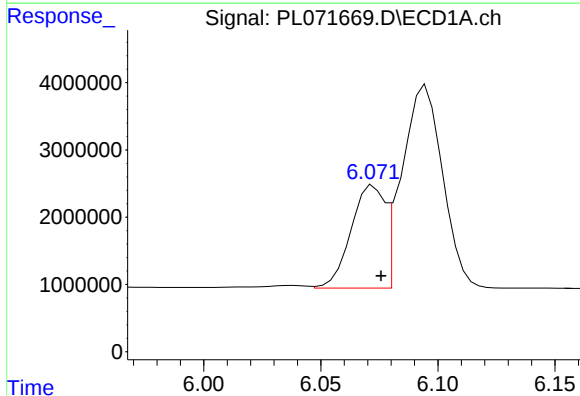
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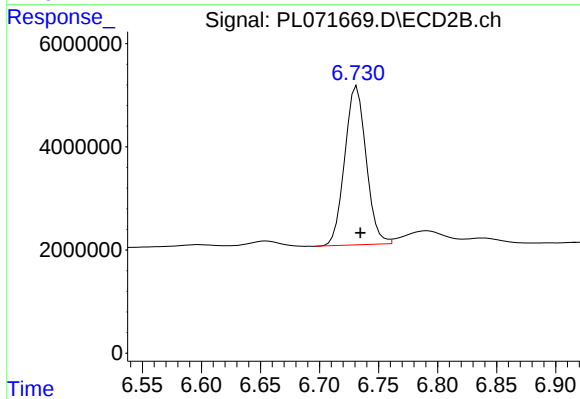
#5 Aldrin

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 88689226
Conc: 40.25 ng/ml



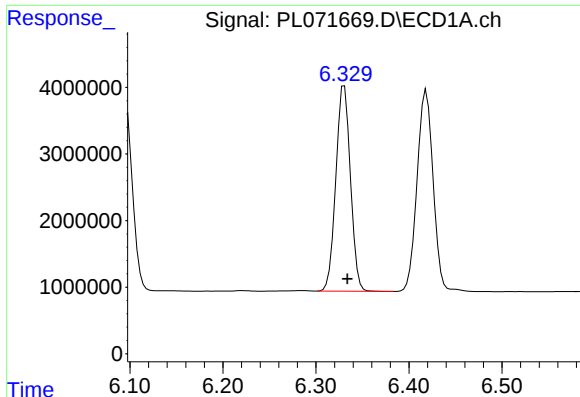
#6 beta-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 15328954
Conc: 40.34 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 38808869
Conc: 37.70 ng/ml



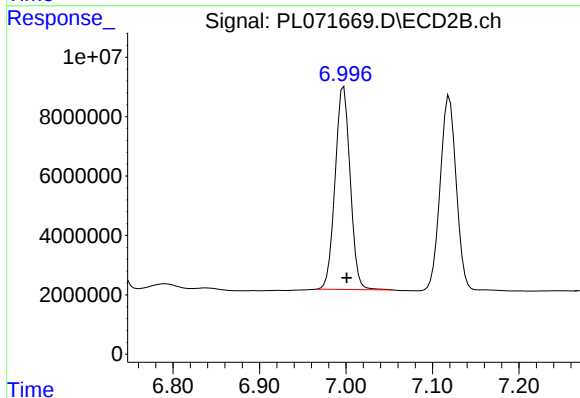
#7 delta-BHC

R.T.: 6.331 min
Delta R.T.: -0.003 min
Response: 33649650
Conc: 39.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

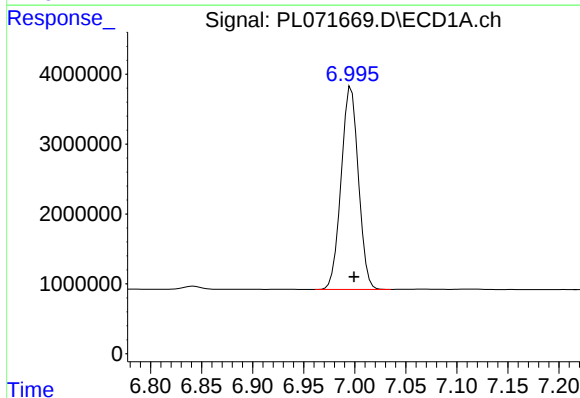
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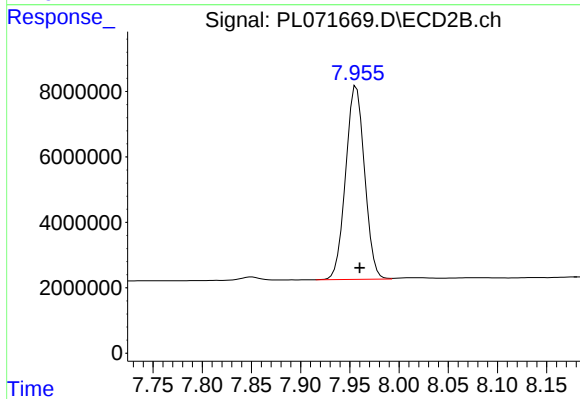
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 82304385
Conc: 39.03 ng/ml



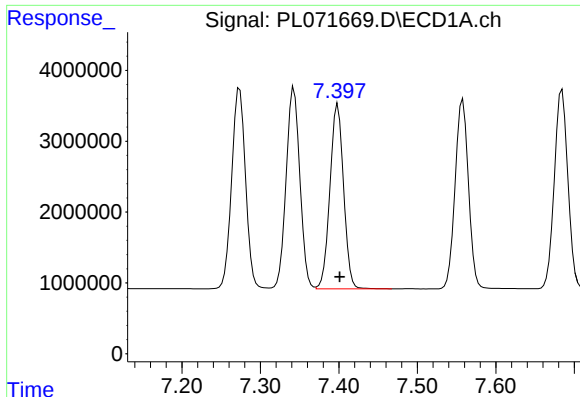
#8 Heptachlor epoxide

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 34154159
Conc: 40.45 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 79175298
Conc: 40.25 ng/ml



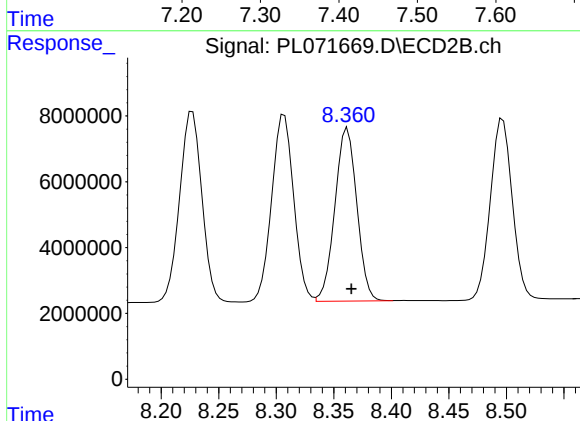
#9 Endosulfan I

R.T.: 7.399 min
Delta R.T.: -0.003 min
Response: 31501507
Conc: 41.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

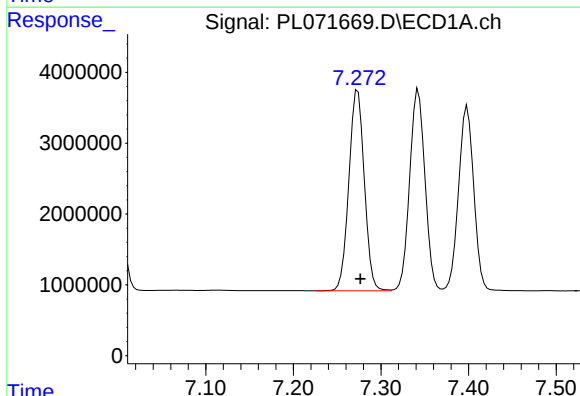
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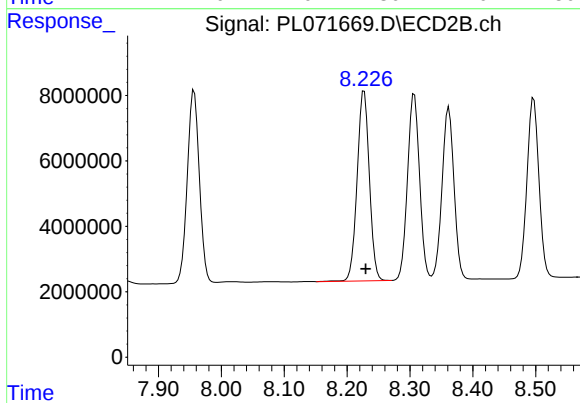
#9 Endosulfan I

R.T.: 8.362 min
Delta R.T.: -0.003 min
Response: 69881293
Conc: 41.04 ng/ml



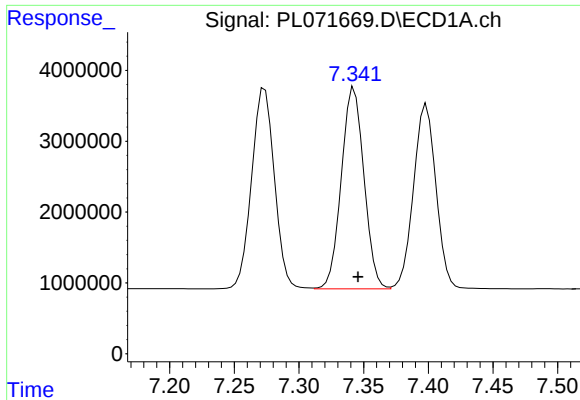
#10 gamma-Chlordane

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 34736234
Conc: 40.55 ng/ml



#10 gamma-Chlordane

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 78636870
Conc: 40.31 ng/ml



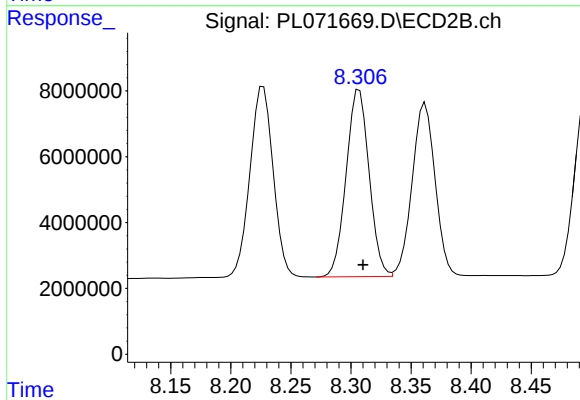
#11 alpha-Chlordane

R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 34558952
Conc: 40.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

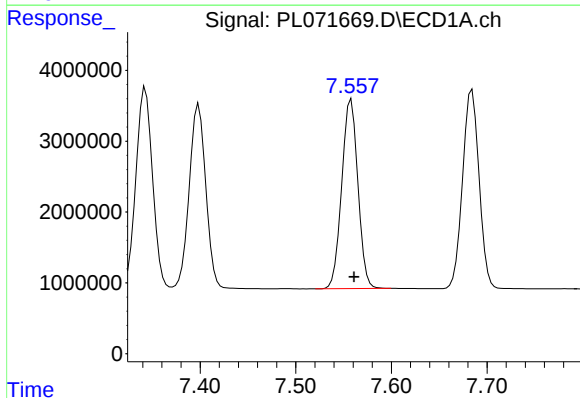
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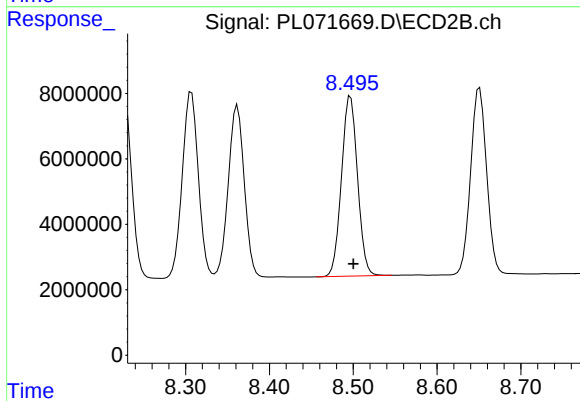
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: -0.003 min
Response: 75759060
Conc: 40.65 ng/ml



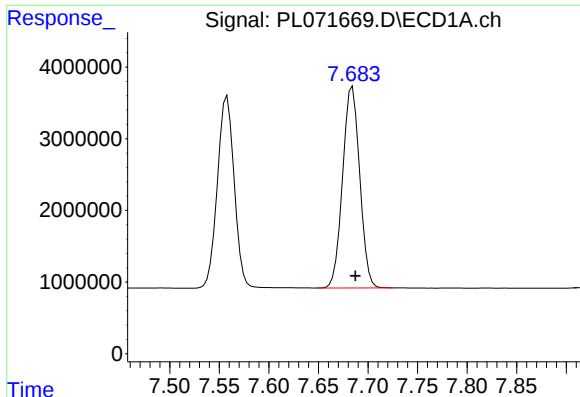
#12 4,4'-DDE

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 31483058
Conc: 42.25 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 73370600
Conc: 41.46 ng/ml



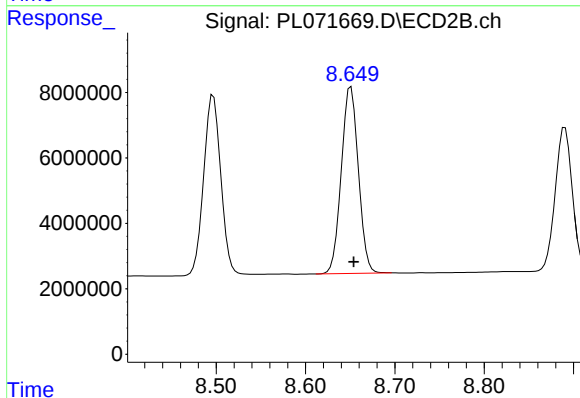
#13 Dieldrin

R.T.: 7.684 min
Delta R.T.: -0.003 min
Response: 33713414
Conc: 40.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

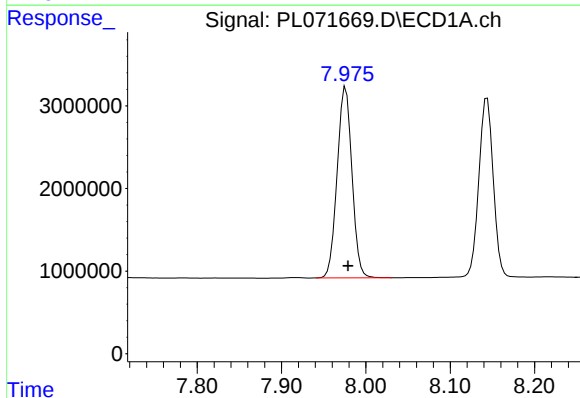
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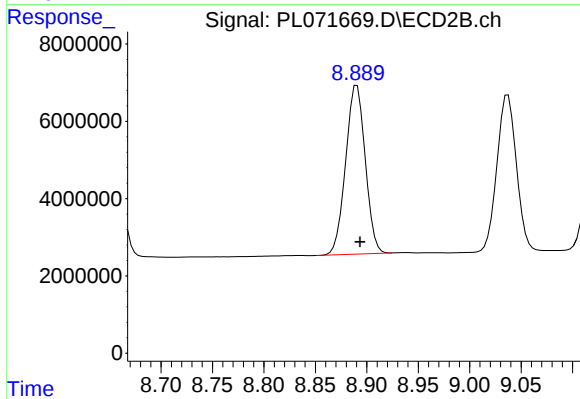
#13 Dieldrin

R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 75724178
Conc: 40.81 ng/ml



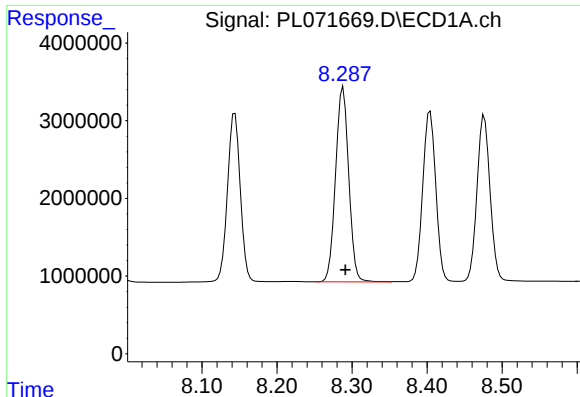
#14 Endrin

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 28216308
Conc: 37.93 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 57973544
Conc: 38.47 ng/ml



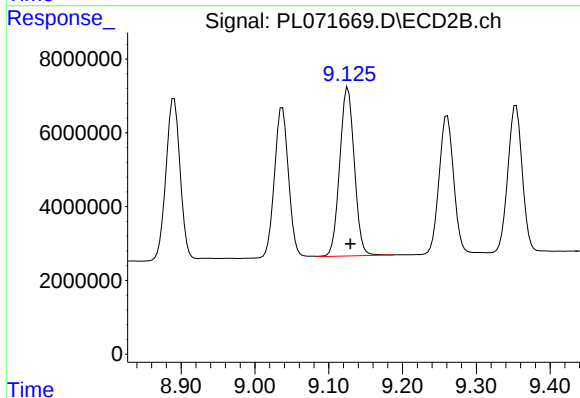
#15 Endosulfan II

R.T.: 8.288 min
Delta R.T.: -0.003 min
Response: 30645447
Conc: 42.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

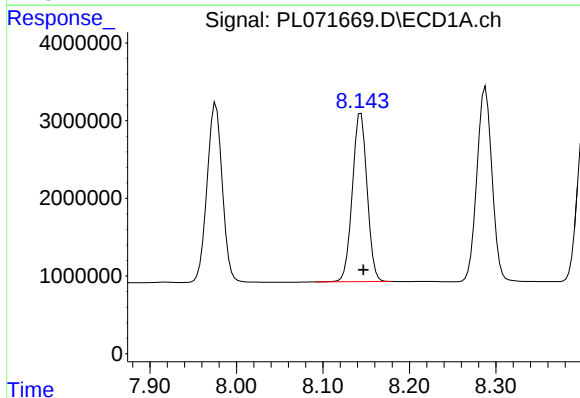
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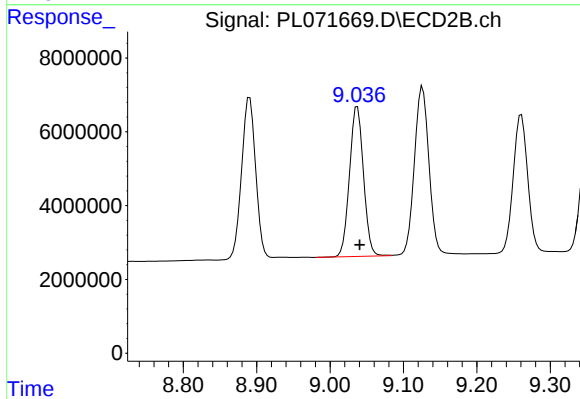
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: -0.003 min
Response: 62800892
Conc: 42.24 ng/ml



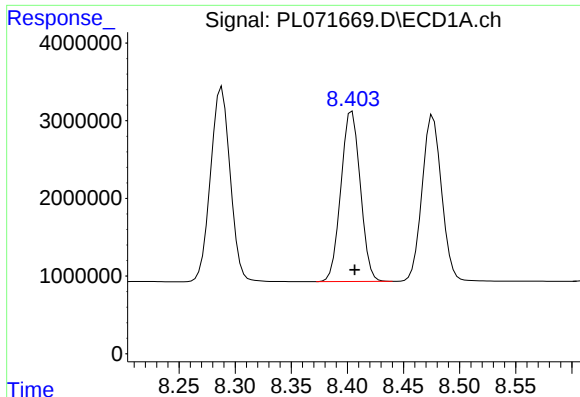
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 25637541
Conc: 43.21 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.003 min
Response: 53828410
Conc: 41.45 ng/ml



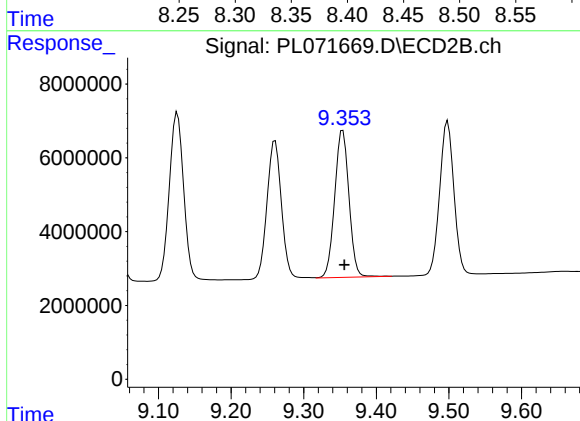
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: -0.002 min
Response: 26378096
Conc: 40.92 ng/ml

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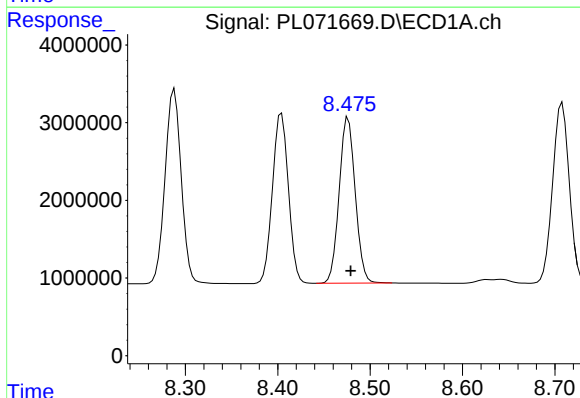
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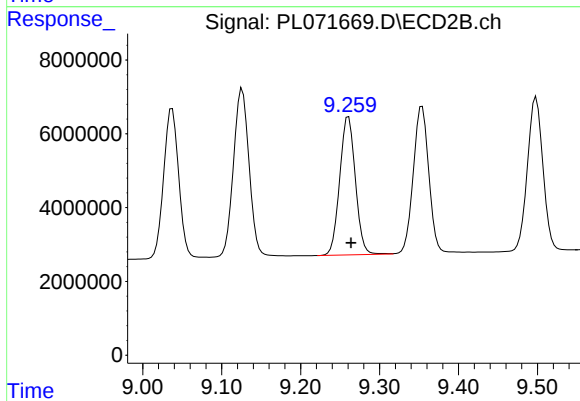
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 54323907
Conc: 39.79 ng/ml



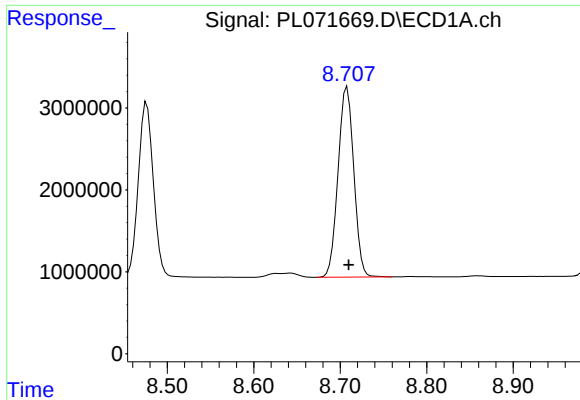
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: -0.003 min
Response: 25795903
Conc: 44.47 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.003 min
Response: 51655082
Conc: 44.68 ng/ml



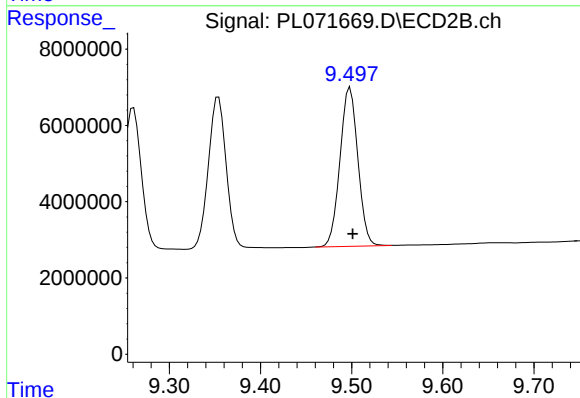
#19 Endosulfan Sulfate

R.T.: 8.708 min
Delta R.T.: -0.002 min
Response: 29171169
Conc: 39.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

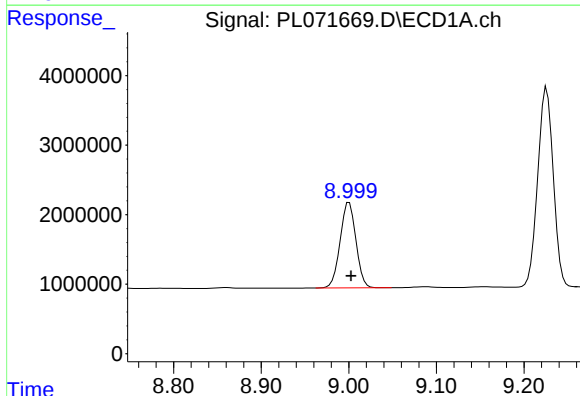
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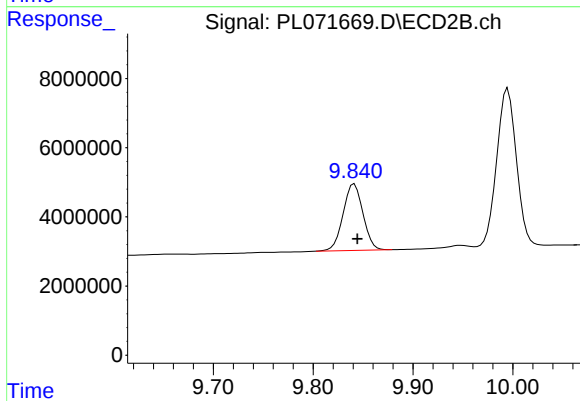
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.003 min
Response: 56777820
Conc: 40.35 ng/ml



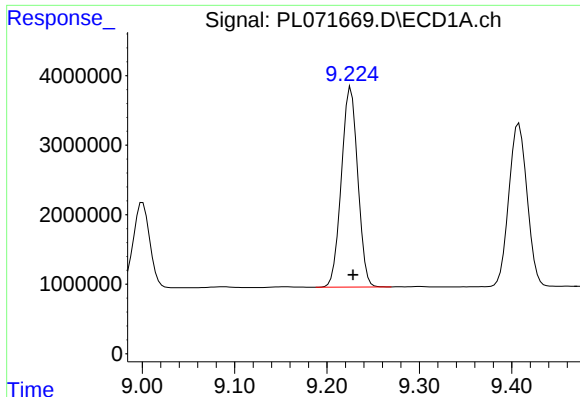
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: -0.002 min
Response: 15415171
Conc: 41.37 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.003 min
Response: 26707759
Conc: 41.09 ng/ml



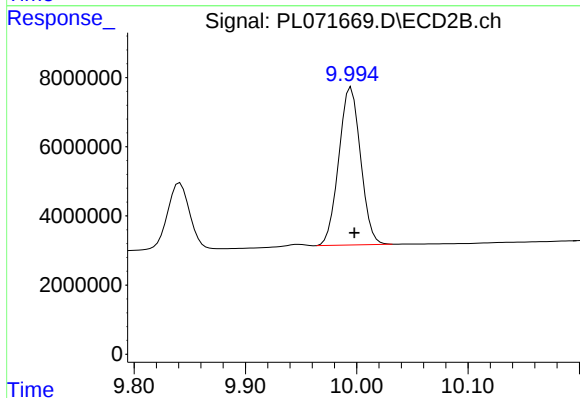
#21 Endrin ketone

R.T.: 9.226 min
Delta R.T.: -0.002 min
Response: 35458957
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

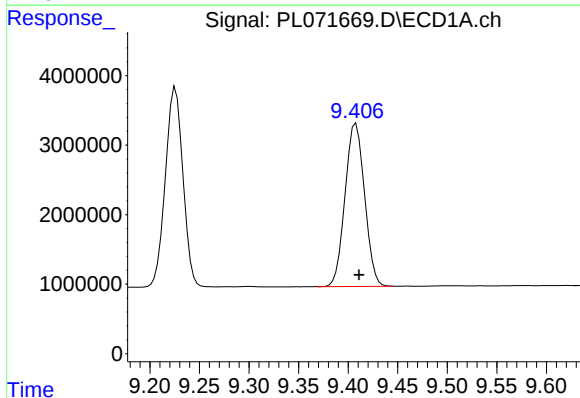
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APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
Supervised By :mohammad ahmed 12/29/2021



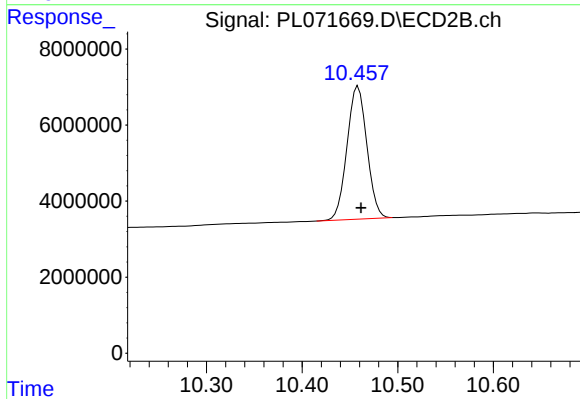
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: -0.004 min
Response: 62043207
Conc: 45.68 ng/ml m



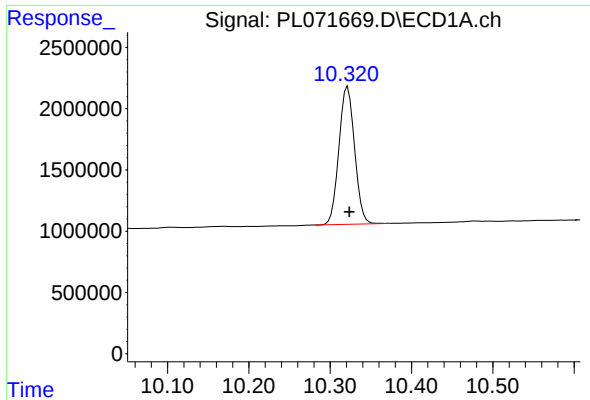
#22 Mirex

R.T.: 9.408 min
Delta R.T.: -0.003 min
Response: 32160355
Conc: 44.50 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.003 min
Response: 50796584
Conc: 46.75 ng/ml



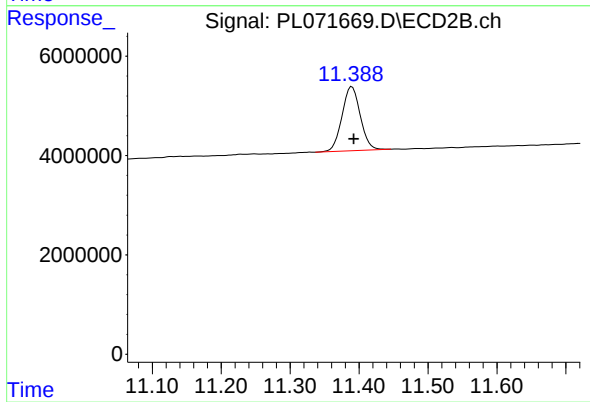
#28 Decachlorobiphenyl

R.T.: 10.322 min
Delta R.T.: -0.002 min
Response: 15011857
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141704BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: -0.003 min
Response: 23833499
Conc: 19.02 ng/ml