

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 12:53
 Operator : AR\AJ
 Sample : PB141932BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141932BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/11/2022
 Supervised By : mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:30:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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...	4.559	5.494	9339451	25340121	20.217	20.624
28) SA Decachlor...	10.321	11.389	15231617	24824257	21.066m	20.948
Target Compounds						
2) A alpha-BHC	5.266	6.076	31285905	91148217	50.668	52.280
3) MA gamma-BHC...	5.689	6.472	30728695	85449748	50.481	52.825
4) MA Heptachlor	6.095	7.118	35265013	88486860	51.658	55.221
5) MB Aldrin	6.419	7.488	30873538	80547720	49.035	52.283
6) B beta-BHC	6.075	6.731	13694364	38443807	50.614	53.805
7) B delta-BHC	6.332	6.997	31323253	85700551	50.090	55.827
8) B Heptachlo...	6.997	7.956	30622926	75243272	50.201	53.847
9) A Endosulfan I	7.399	8.361	29004681	67633776	51.215	54.605
10) B gamma-Chl...	7.274	8.226	31160435	74115223	50.256	54.201
11) B alpha-Chl...	7.344	8.307	31307488	72718543	50.561	54.640
12) B 4,4'-DDE	7.559	8.497	28515396	69969642	51.431	55.590
13) MA Dieldrin	7.686	8.651	29731688	68339779	49.296	52.089
14) MA Endrin	7.977	8.890	27001503	56956305	51.094	55.034
15) B Endosulfa...	8.289	9.125	26955073	56767609	46.632	50.551
16) A 4,4'-DDD	8.145	9.037	24235960	54198406	50.331	56.376
17) MA 4,4'-DDT	8.406	9.353	25785716	56431144	54.029	59.840
18) B Endrin al...	8.478	9.261	22612469	45623215	49.832	53.763
19) B Endosulfa...	8.709	9.498	28596800	55032819	48.906	52.975
20) A Methoxychlor	9.002	9.842	15581761	28133675	50.345	57.134
21) B Endrin ke...	9.227	9.995	34209877	59937556	49.365	53.112
22) Mirex	9.409	10.458	29371884	44838795	48.963	52.194

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 12:53
 Operator : AR\AJ
 Sample : PB141932BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

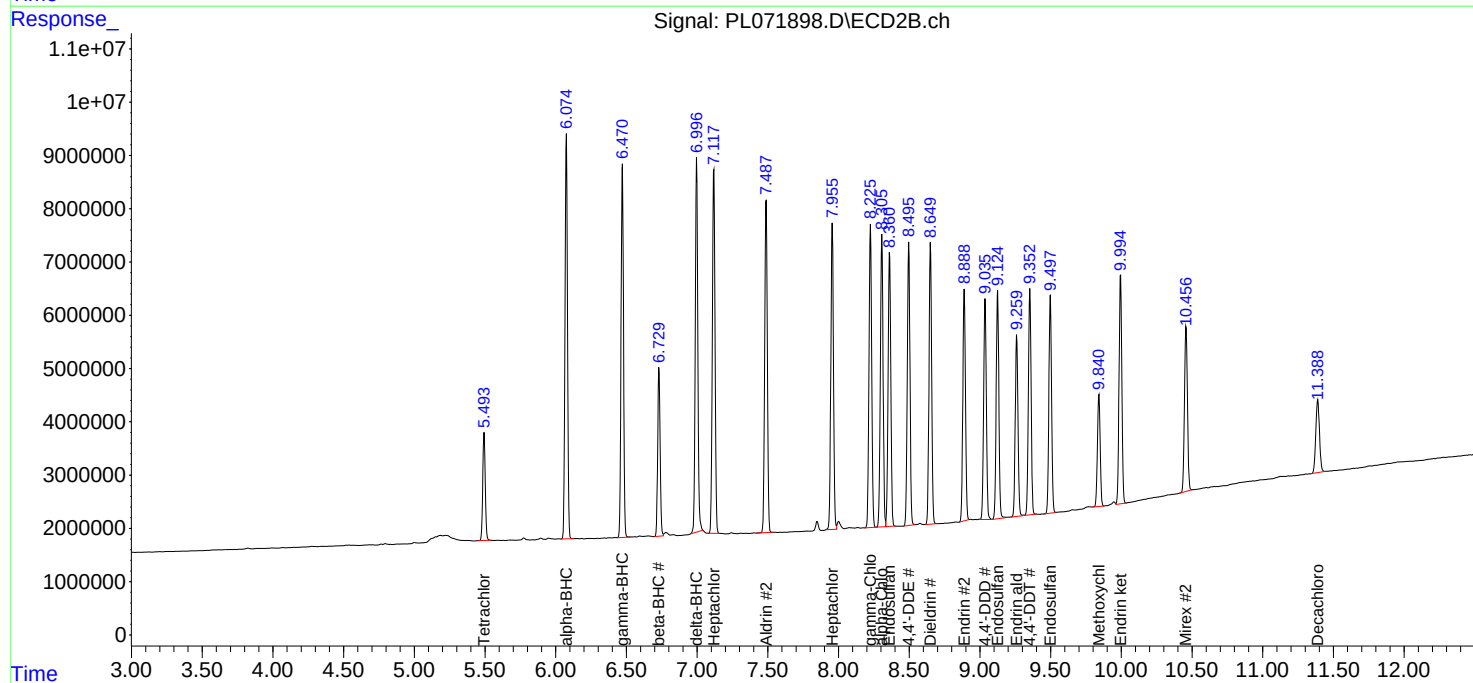
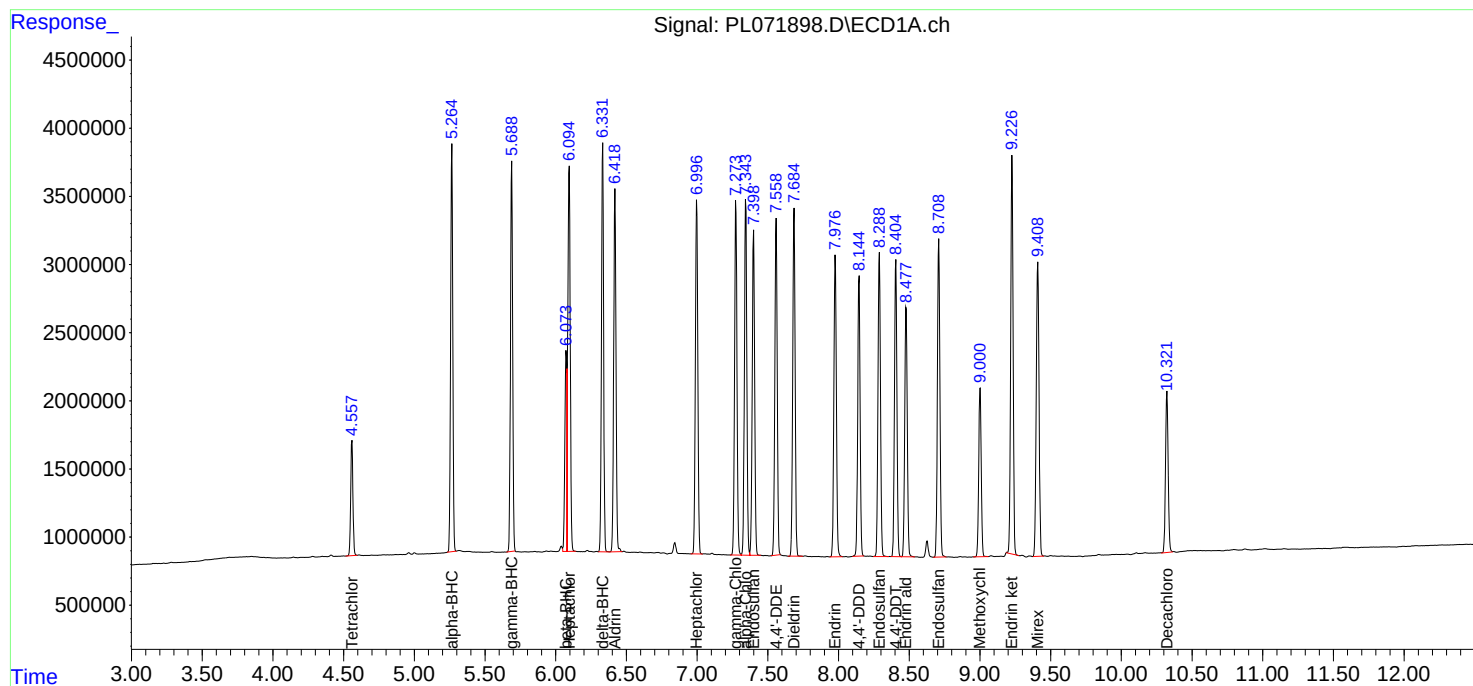
Instrument :
 ECD_L
 ClientSampleId :
 PB141932BS

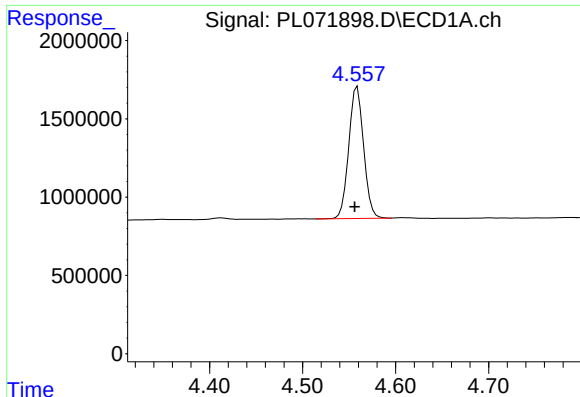
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:30:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 2022
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





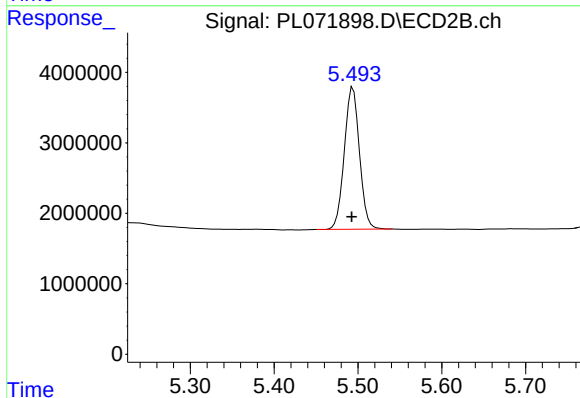
#1 Tetrachloro-m-xylene

R.T.: 4.559 min
Delta R.T.: 0.003 min
Response: 9339451
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

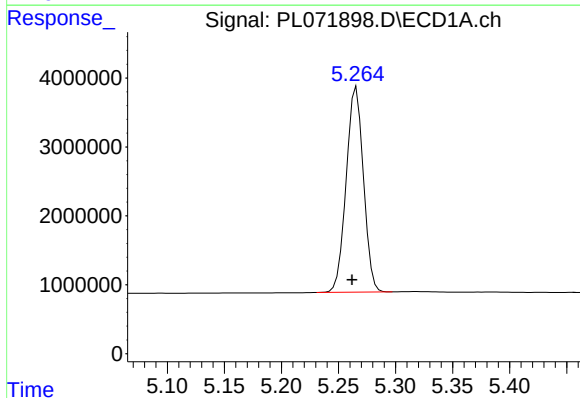
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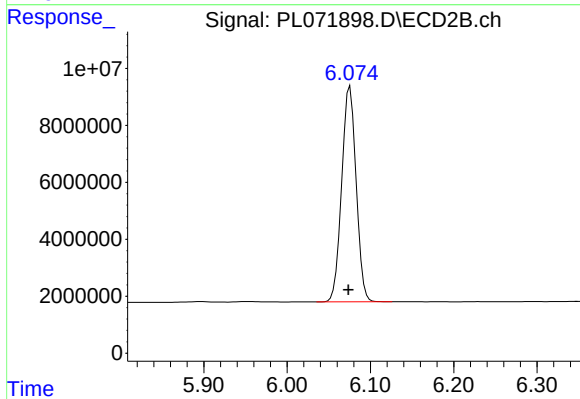
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 25340121
Conc: 20.62 ng/ml



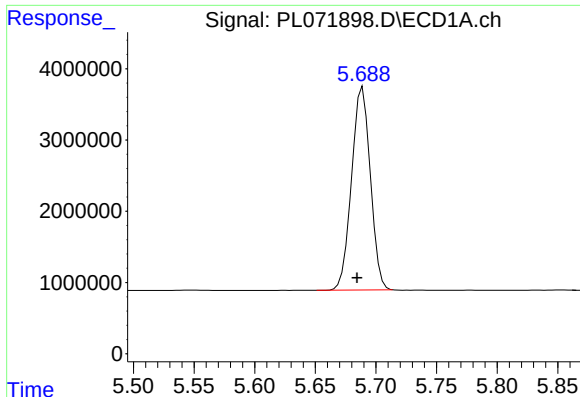
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: 0.004 min
Response: 31285905
Conc: 50.67 ng/ml



#2 alpha-BHC

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 91148217
Conc: 52.28 ng/ml



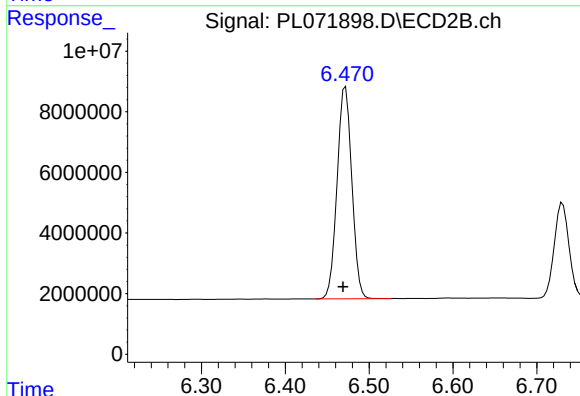
#3 gamma-BHC (Lindane)

R.T.: 5.689 min
Delta R.T.: 0.005 min
Response: 30728695
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

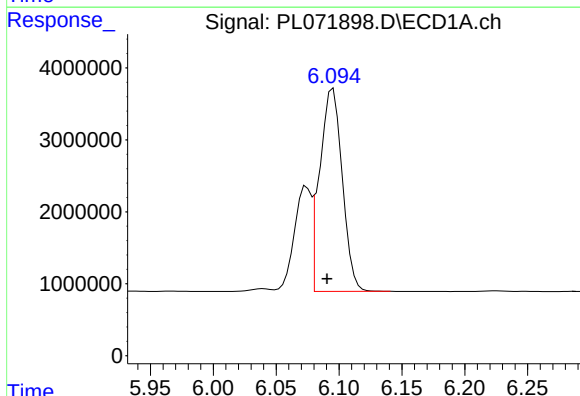
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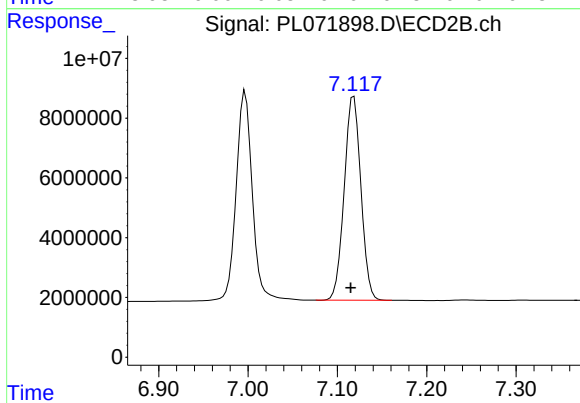
#3 gamma-BHC (Lindane)

R.T.: 6.472 min
Delta R.T.: 0.003 min
Response: 85449748
Conc: 52.83 ng/ml



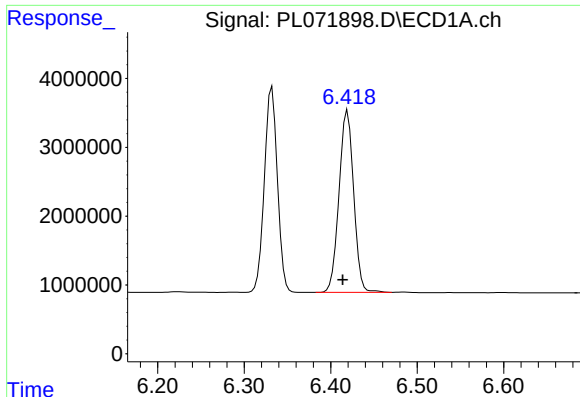
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: 0.005 min
Response: 35265013
Conc: 51.66 ng/ml



#4 Heptachlor

R.T.: 7.118 min
Delta R.T.: 0.003 min
Response: 88486860
Conc: 55.22 ng/ml



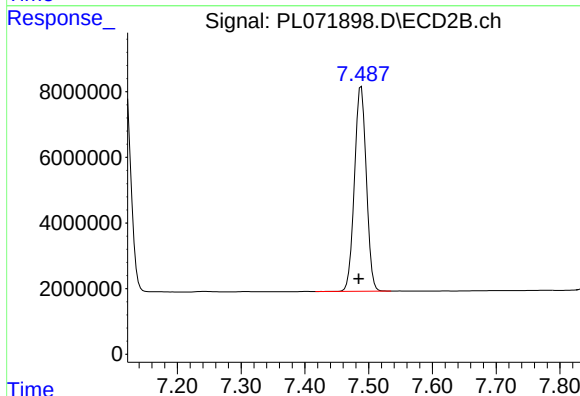
#5 Aldrin

R.T.: 6.419 min
Delta R.T.: 0.005 min
Response: 30873538
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

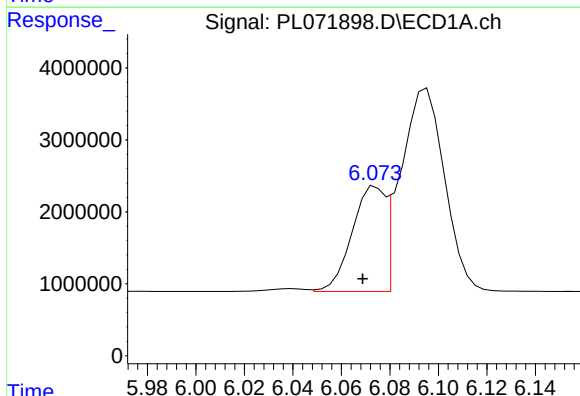
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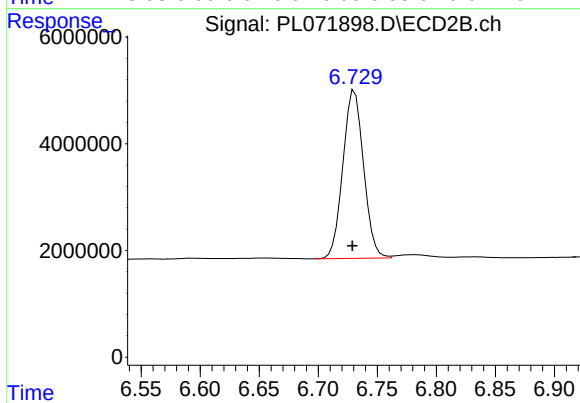
#5 Aldrin

R.T.: 7.488 min
Delta R.T.: 0.004 min
Response: 80547720
Conc: 52.28 ng/ml



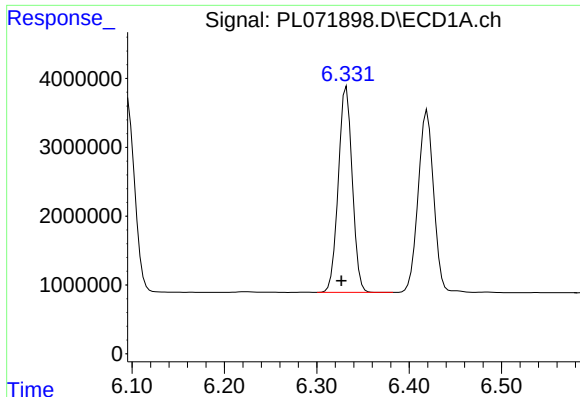
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.006 min
Response: 13694364
Conc: 50.61 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 38443807
Conc: 53.80 ng/ml



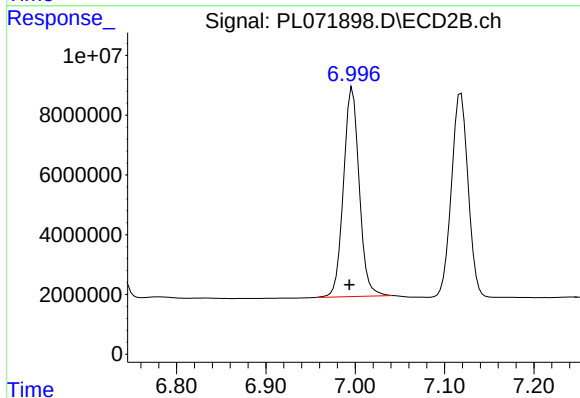
#7 delta-BHC

R.T.: 6.332 min
Delta R.T.: 0.005 min
Response: 31323253
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

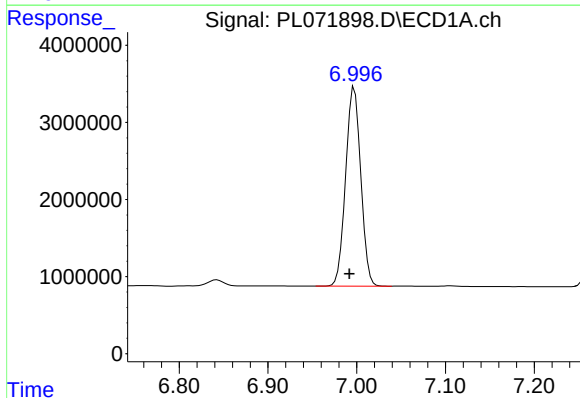
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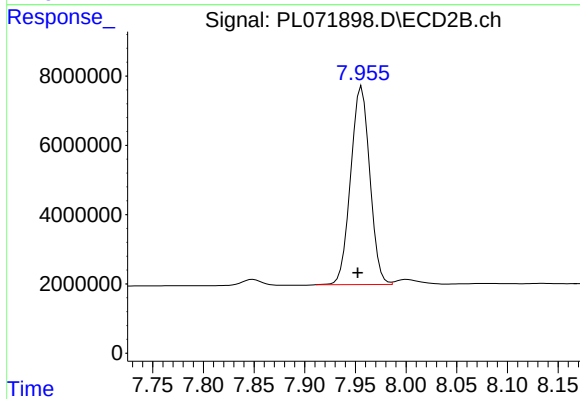
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.003 min
Response: 85700551
Conc: 55.83 ng/ml



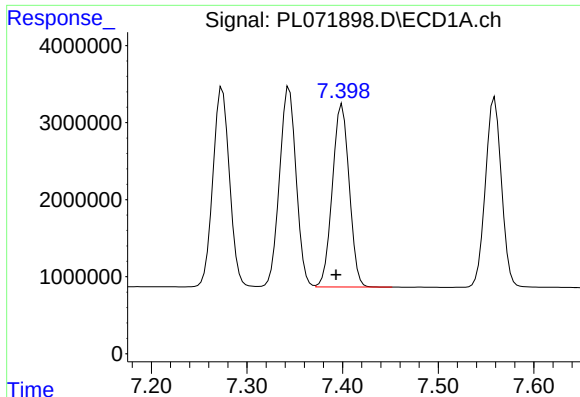
#8 Heptachlor epoxide

R.T.: 6.997 min
Delta R.T.: 0.006 min
Response: 30622926
Conc: 50.20 ng/ml



#8 Heptachlor epoxide

R.T.: 7.956 min
Delta R.T.: 0.004 min
Response: 75243272
Conc: 53.85 ng/ml



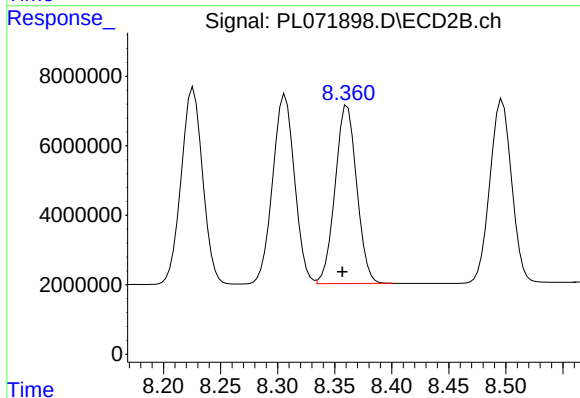
#9 Endosulfan I

R.T.: 7.399 min
Delta R.T.: 0.006 min
Response: 29004681
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

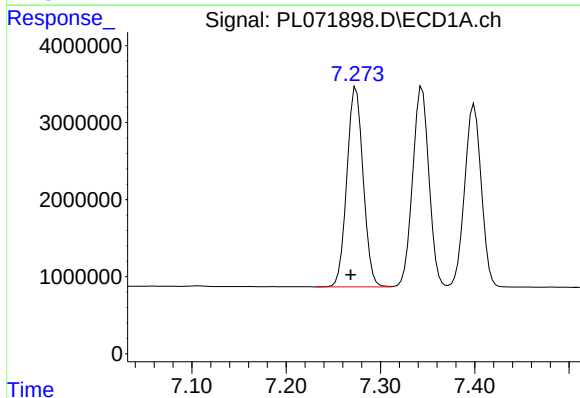
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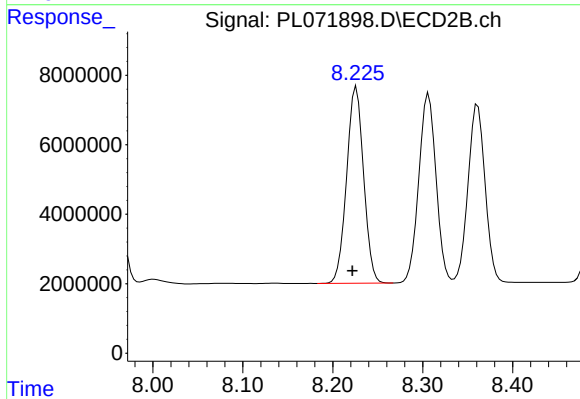
#9 Endosulfan I

R.T.: 8.361 min
Delta R.T.: 0.004 min
Response: 67633776
Conc: 54.60 ng/ml



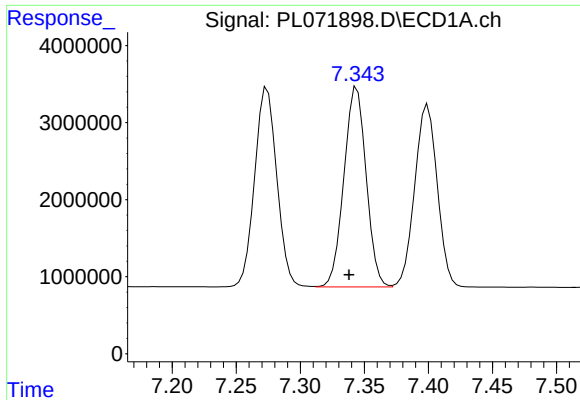
#10 gamma-Chlordane

R.T.: 7.274 min
Delta R.T.: 0.006 min
Response: 31160435
Conc: 50.26 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: 0.005 min
Response: 74115223
Conc: 54.20 ng/ml



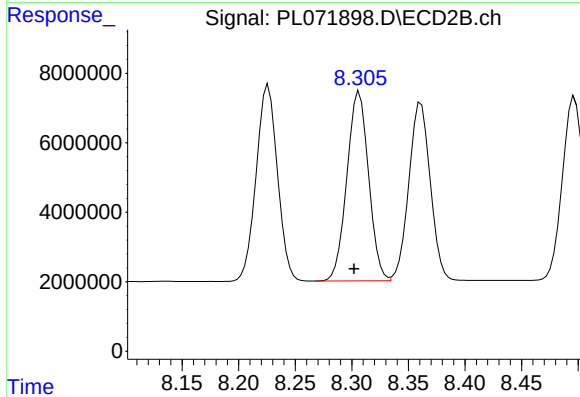
#11 alpha-Chlordane

R.T.: 7.344 min
Delta R.T.: 0.006 min
Response: 31307488
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

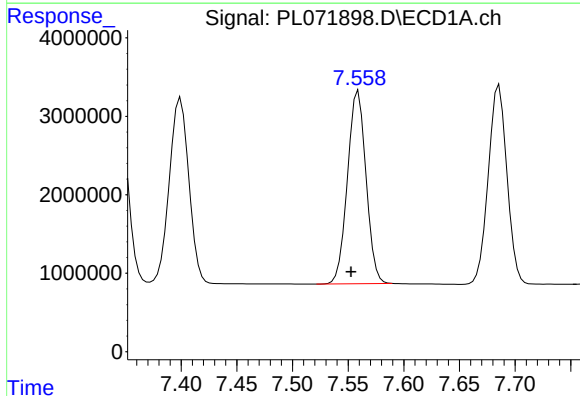
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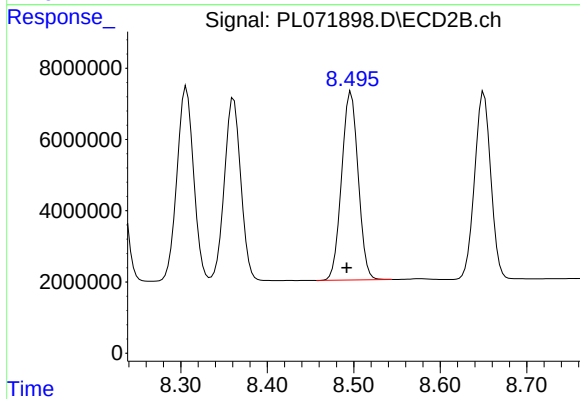
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: 0.004 min
Response: 72718543
Conc: 54.64 ng/ml



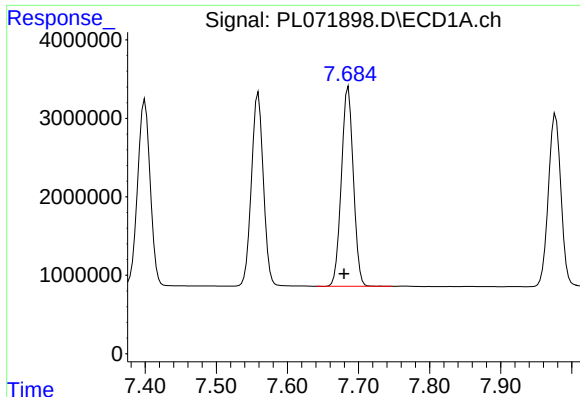
#12 4,4'-DDE

R.T.: 7.559 min
Delta R.T.: 0.006 min
Response: 28515396
Conc: 51.43 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 69969642
Conc: 55.59 ng/ml



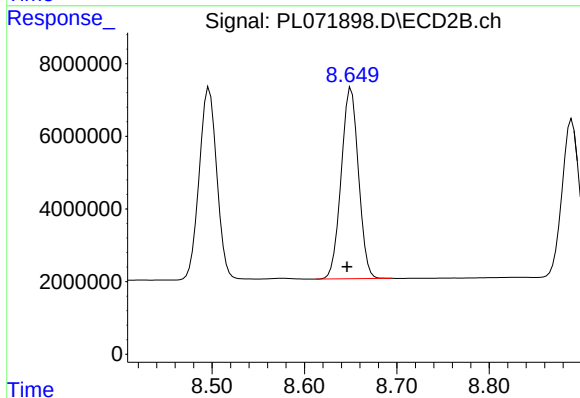
#13 Dieldrin

R.T.: 7.686 min
Delta R.T.: 0.006 min
Response: 29731688
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

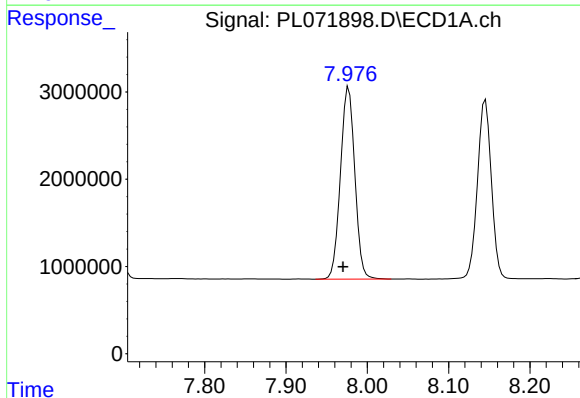
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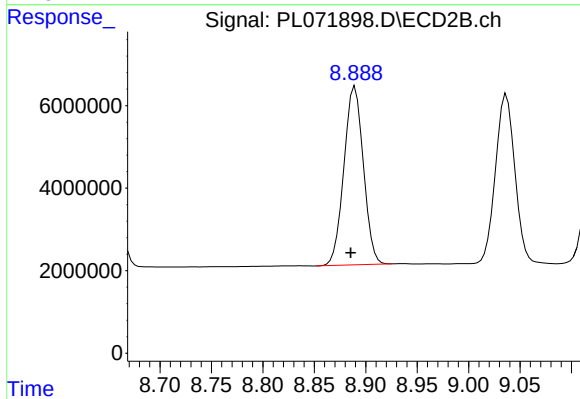
#13 Dieldrin

R.T.: 8.651 min
Delta R.T.: 0.005 min
Response: 68339779
Conc: 52.09 ng/ml



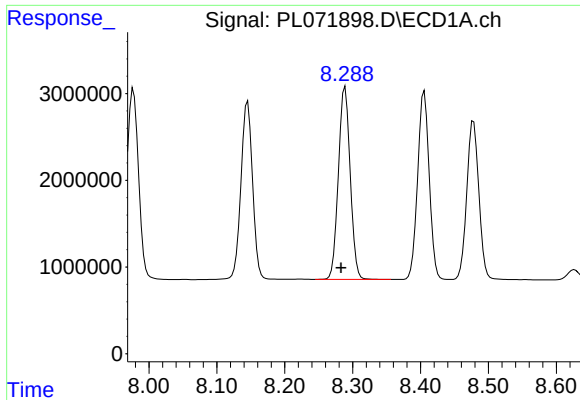
#14 Endrin

R.T.: 7.977 min
Delta R.T.: 0.007 min
Response: 27001503
Conc: 51.09 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: 0.004 min
Response: 56956305
Conc: 55.03 ng/ml



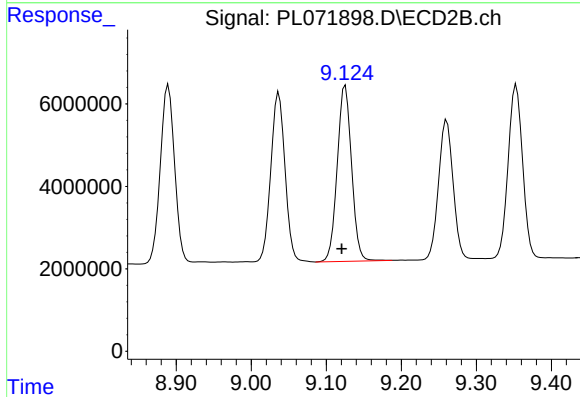
#15 Endosulfan II

R.T.: 8.289 min
Delta R.T.: 0.006 min
Response: 26955073
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

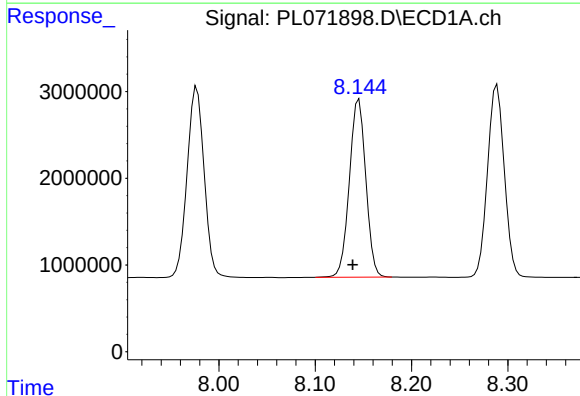
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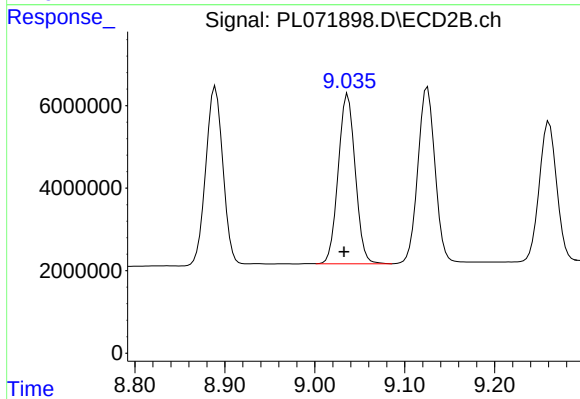
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: 0.005 min
Response: 56767609
Conc: 50.55 ng/ml



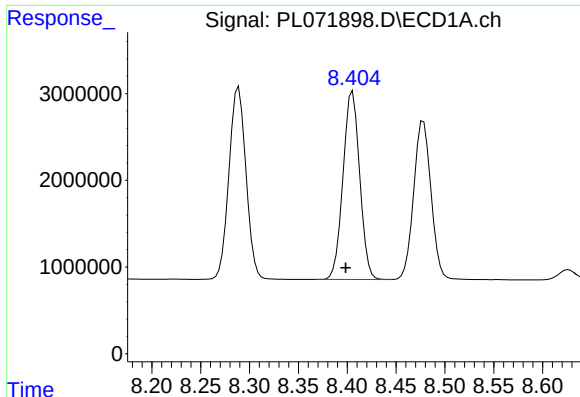
#16 4,4'-DDD

R.T.: 8.145 min
Delta R.T.: 0.006 min
Response: 24235960
Conc: 50.33 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: 0.004 min
Response: 54198406
Conc: 56.38 ng/ml



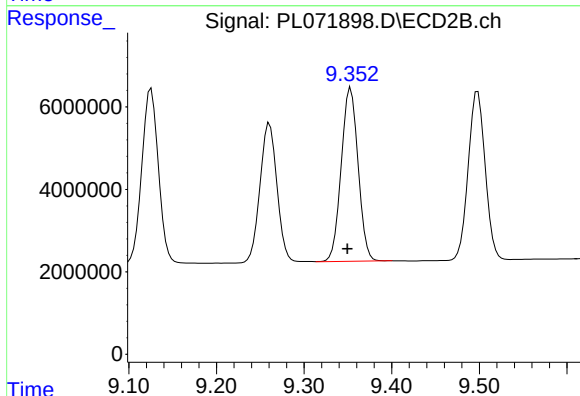
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: 0.007 min
Response: 25785716
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

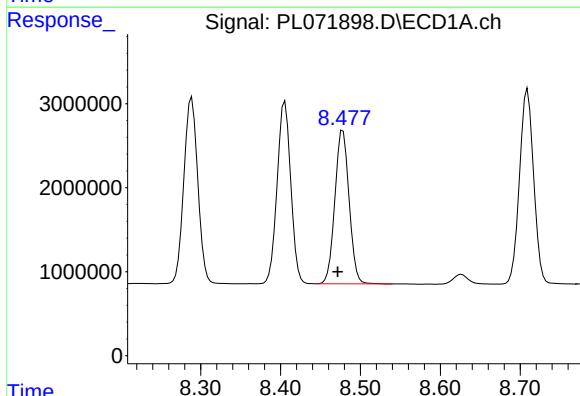
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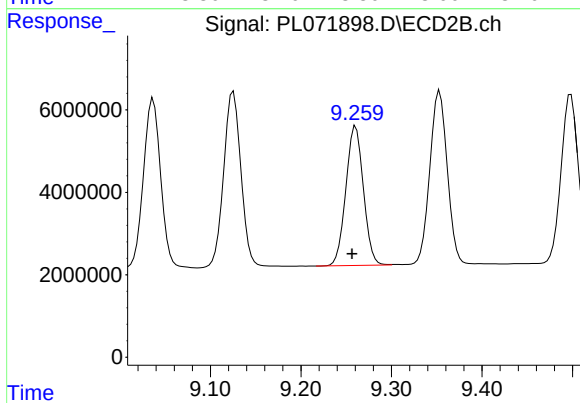
#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: 0.004 min
Response: 56431144
Conc: 59.84 ng/ml



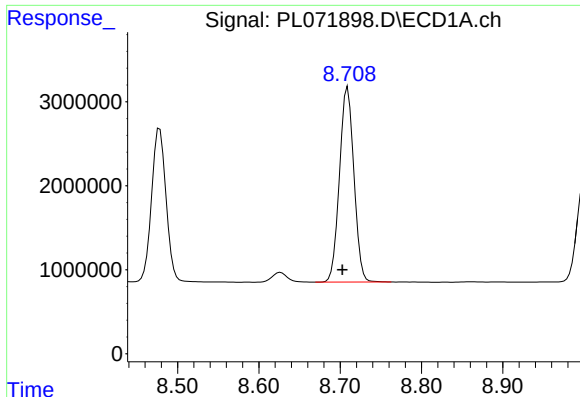
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: 0.006 min
Response: 22612469
Conc: 49.83 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: 0.004 min
Response: 45623215
Conc: 53.76 ng/ml



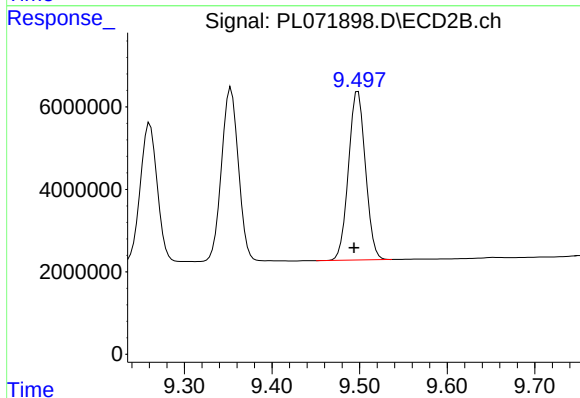
#19 Endosulfan Sulfate

R.T.: 8.709 min
Delta R.T.: 0.007 min
Response: 28596800
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

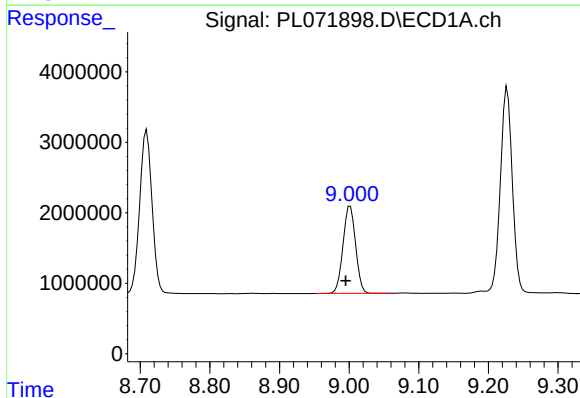
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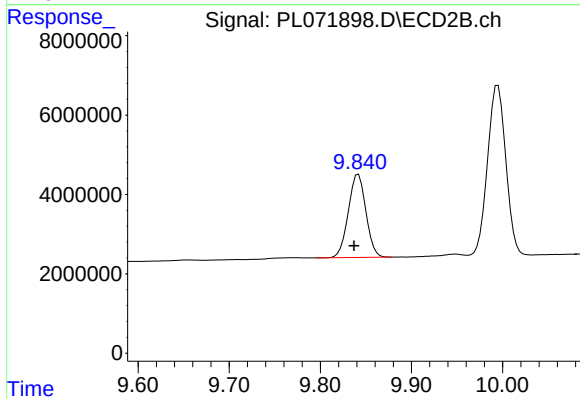
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: 0.004 min
Response: 55032819
Conc: 52.97 ng/ml



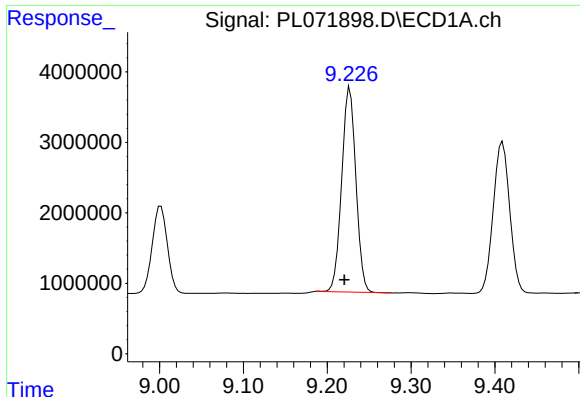
#20 Methoxychlor

R.T.: 9.002 min
Delta R.T.: 0.006 min
Response: 15581761
Conc: 50.35 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.005 min
Response: 28133675
Conc: 57.13 ng/ml



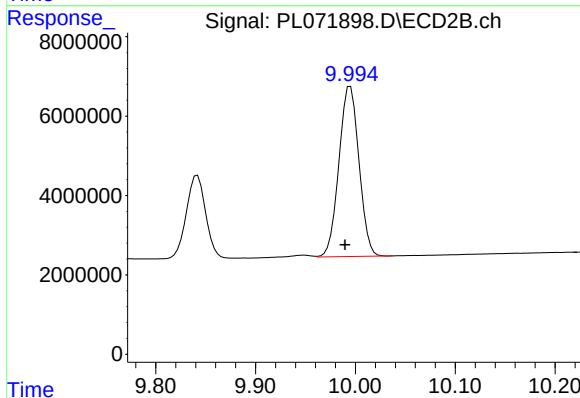
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: 0.007 min
Response: 34209877
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

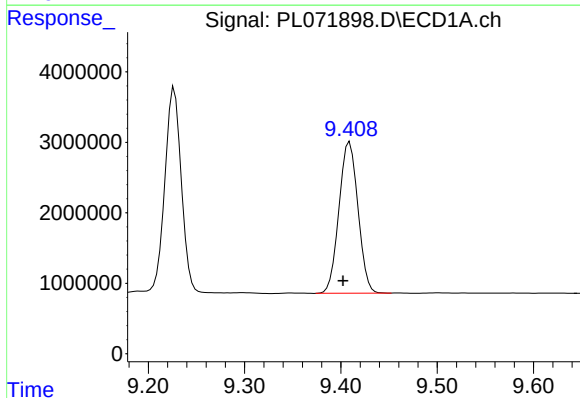
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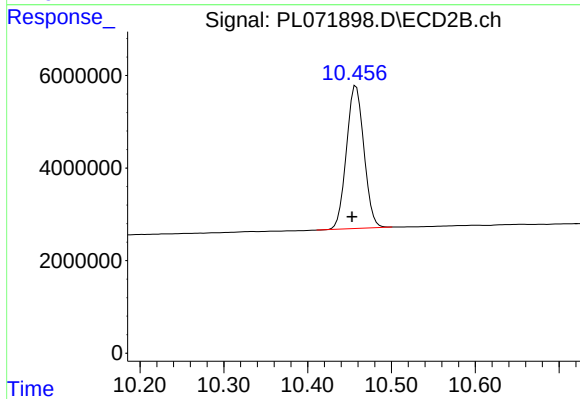
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 59937556
Conc: 53.11 ng/ml



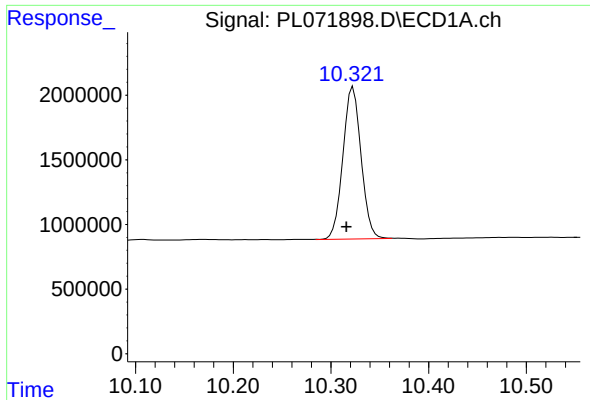
#22 Mirex

R.T.: 9.409 min
Delta R.T.: 0.007 min
Response: 29371884
Conc: 48.96 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: 0.005 min
Response: 44838795
Conc: 52.19 ng/ml



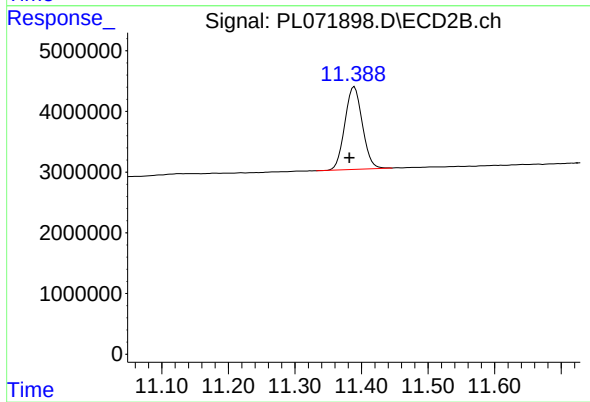
#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: 0.005 min
Response: 15231617
Conc: 21.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141932BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: 0.007 min
Response: 24824257
Conc: 20.95 ng/ml