

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
 Data File : PD067643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 16:22
 Operator : AR\AJ
 Sample : PB141903BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB141903BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:14:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 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...	3.435	3.960	37901595	150.1E6	20.857	22.750
28)	SA Decachlor...	8.157	9.016	17747280	96904493	19.979	20.390
Target Compounds							
2)	A alpha-BHC	3.871	4.354	152.8E6	487.2E6	52.995	52.510
3)	MA gamma-BHC...	4.153	4.639	138.5E6	446.6E6	52.093	52.989
4)	MA Heptachlor	4.446	5.139	142.4E6	399.3E6	52.380	52.042
5)	MB Aldrin	4.691	5.442	142.7E6	371.7E6	51.571	50.131
6)	B beta-BHC	4.402	4.818	57374566	206.3E6	52.206	52.912
7)	B delta-BHC	4.604	5.033	136.7E6	421.3E6	52.984	56.221
8)	B Heptachlo...	5.132	5.831	128.6E6	310.5E6	52.193	58.179
9)	A Endosulfan I	5.467	6.188	118.2E6	314.6E6	53.139	51.969
10)	B gamma-Chl...	5.355	6.065	127.8E6	333.0E6	51.707	51.327
11)	B alpha-Chl...	5.414	6.136	125.9E6	330.7E6	52.079	51.014
12)	B 4,4'-DDE	5.578	6.298	117.6E6	326.3E6	53.118	52.971
13)	MA Dieldrin	5.710	6.446	124.1E6	333.0E6	51.419	50.134
14)	MA Endrin	5.967	6.665	103.8E6	279.7E6	49.429	50.447
15)	B Endosulfa...	6.239	6.880	93773506	279.9E6	46.761	47.096
16)	A 4,4'-DDD	6.092	6.792	95911025	283.9E6	55.827	56.718
17)	MA 4,4'-DDT	6.330	7.089	83252845	267.4E6	50.950	49.963
18)	B Endrin al...	6.408	7.004	73167758	226.9E6	48.150	50.289
19)	B Endosulfa...	6.620	7.226	83916403	279.4E6	51.978	51.119m
20)	A Methoxychlor	6.877	7.552	41633289	146.6E6	49.045	50.515
21)	B Endrin ke...	7.111	7.701	89210884	320.7E6	52.127	51.113
22)	Mirex	7.290	8.147	59171662	215.3E6	49.470	49.593

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

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 Data File : PD067643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 16:22
 Operator : AR\AJ
 Sample : PB141903BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

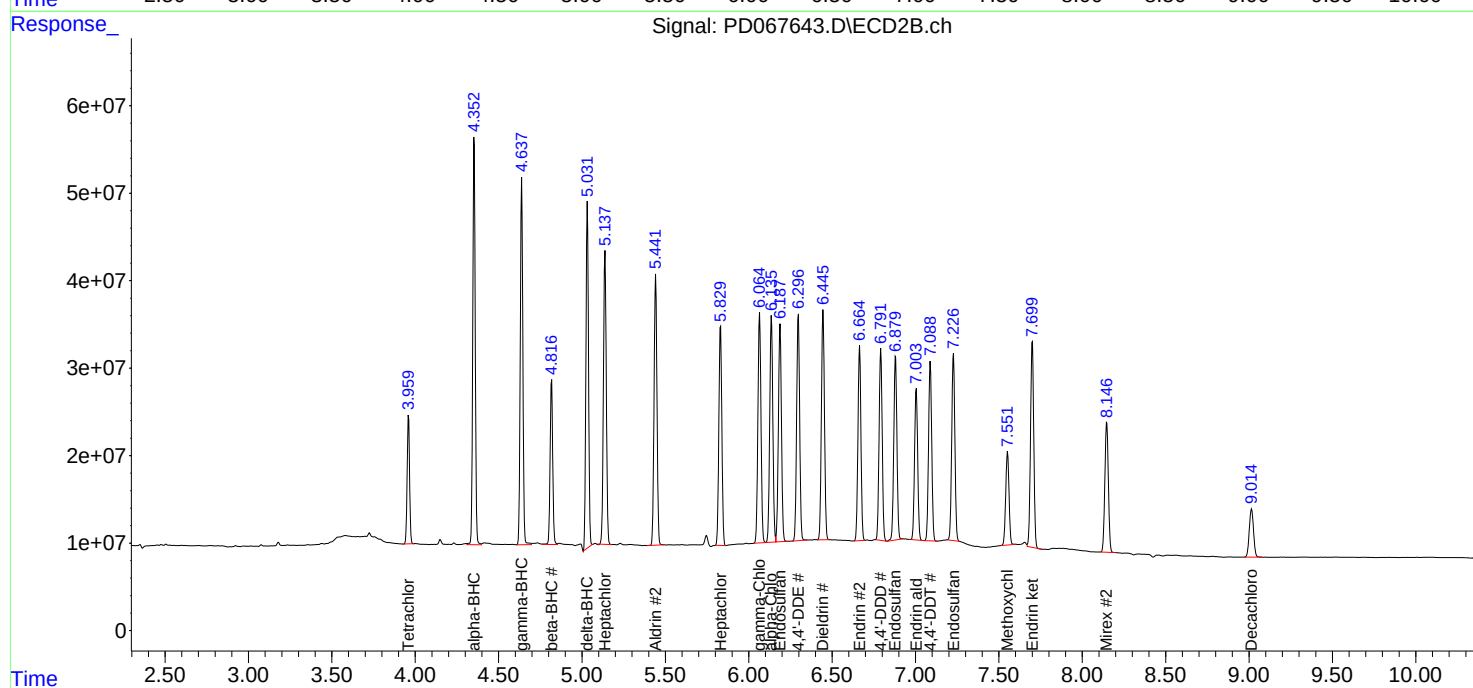
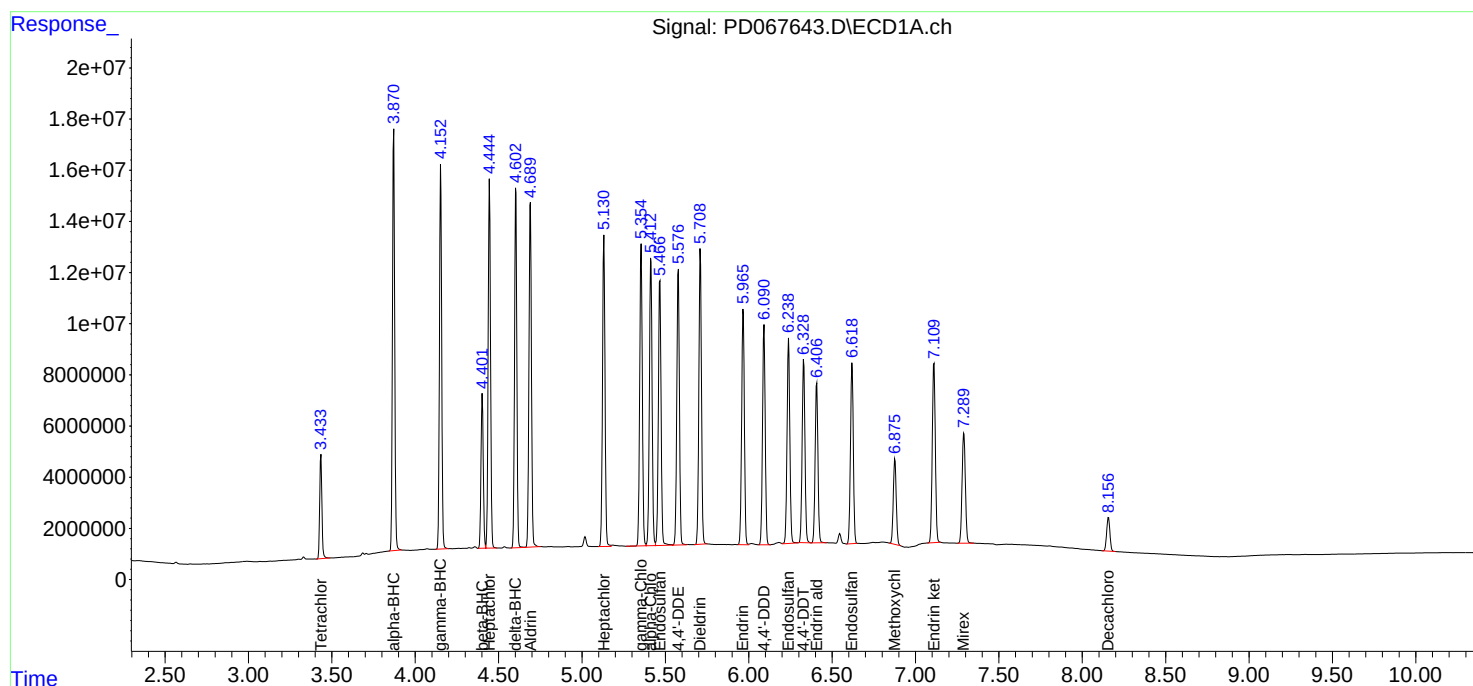
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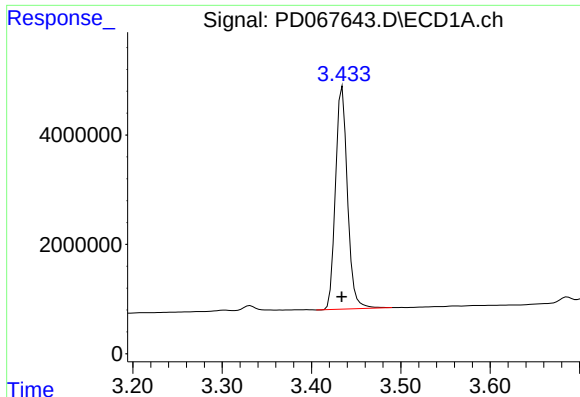
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:14:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
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Volume 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





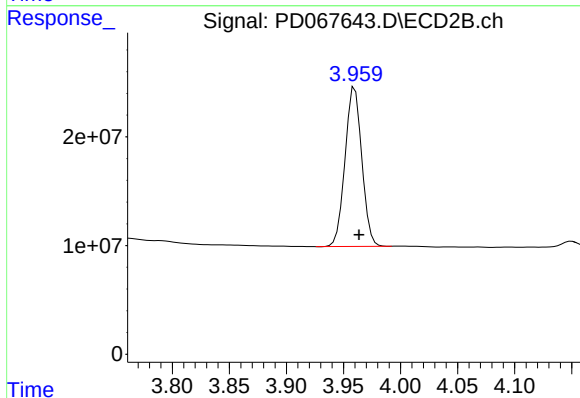
#1 Tetrachloro-m-xylene

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 37901595
Conc: 20.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141903BS

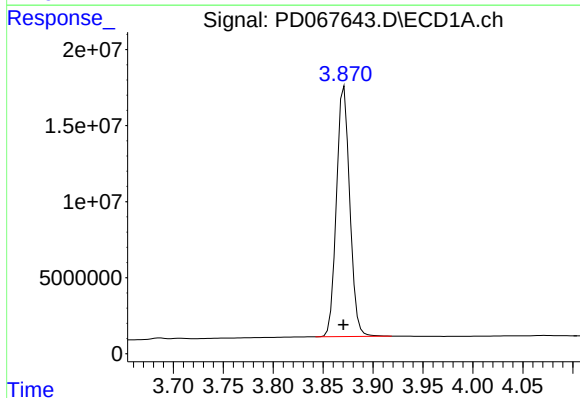
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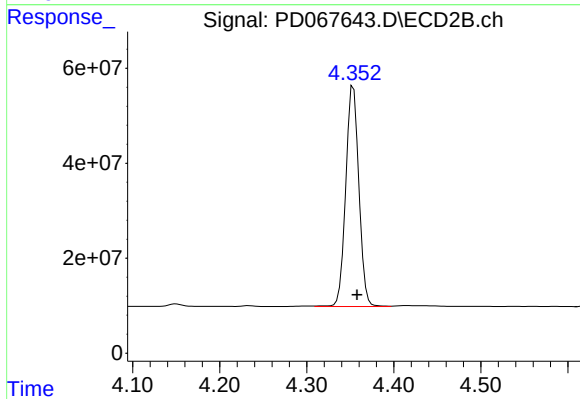
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 150109179
Conc: 22.75 ng/ml



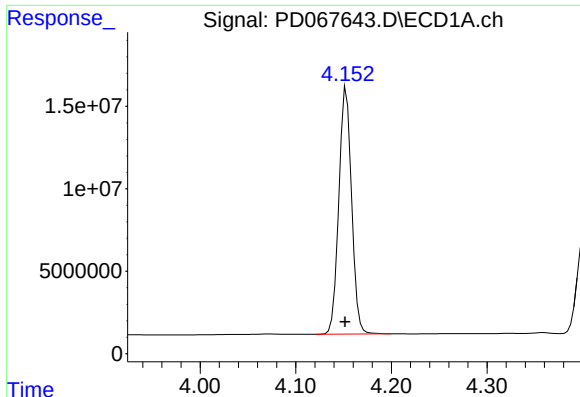
#2 alpha-BHC

R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 152841924
Conc: 53.00 ng/ml



#2 alpha-BHC

R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 487194848
Conc: 52.51 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.153 min
Delta R.T.: 0.001 min
Response: 138548615
Conc: 52.09 ng/ml

Instrument :

ECD_D

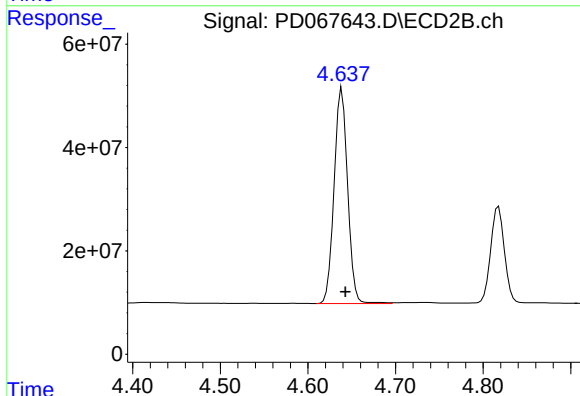
ClientSampleId :

PB141903BS

Manual Integrations

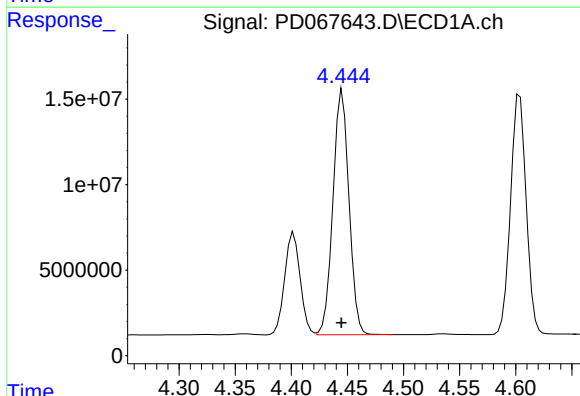
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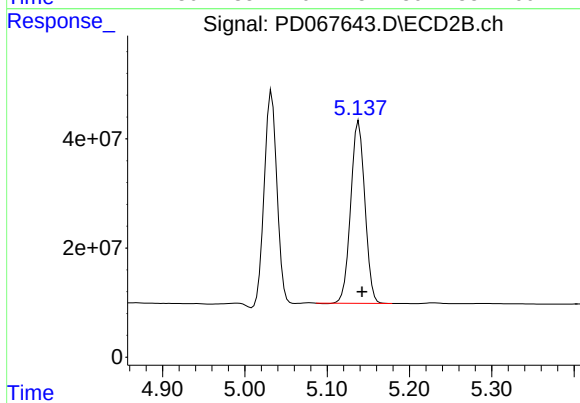
#3 gamma-BHC (Lindane)

R.T.: 4.639 min
Delta R.T.: -0.004 min
Response: 446580158
Conc: 52.99 ng/ml



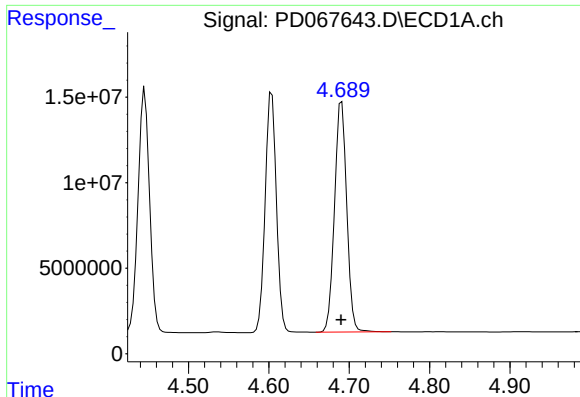
#4 Heptachlor

R.T.: 4.446 min
Delta R.T.: 0.001 min
Response: 142443404
Conc: 52.38 ng/ml



#4 Heptachlor

R.T.: 5.139 min
Delta R.T.: -0.004 min
Response: 399266461
Conc: 52.04 ng/ml



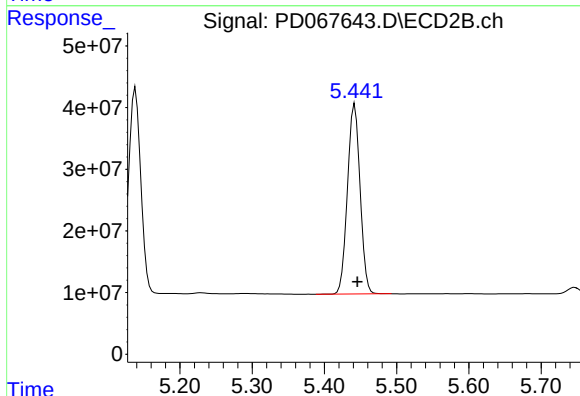
#5 Aldrin

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 142740143
Conc: 51.57 ng/ml

Instrument :
ECD_D
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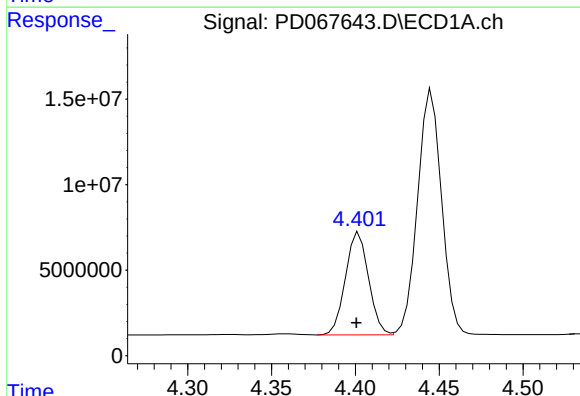
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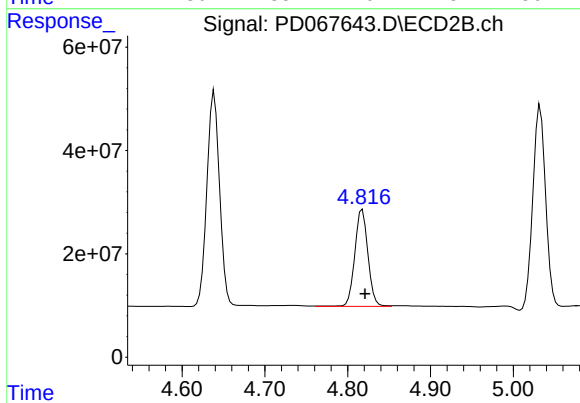
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: -0.004 min
Response: 371718560
Conc: 50.13 ng/ml



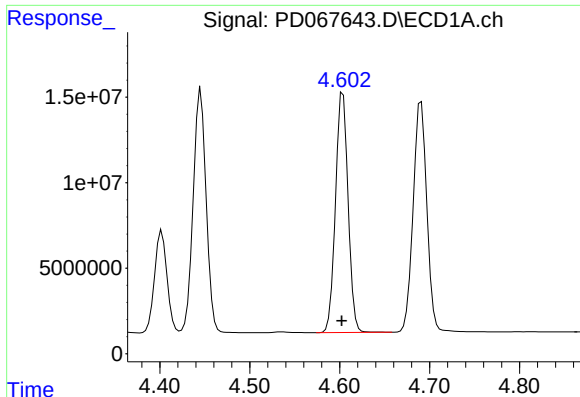
#6 beta-BHC

R.T.: 4.402 min
Delta R.T.: 0.002 min
Response: 57374566
Conc: 52.21 ng/ml



#6 beta-BHC

R.T.: 4.818 min
Delta R.T.: -0.003 min
Response: 206322641
Conc: 52.91 ng/ml



#7 delta-BHC

R.T.: 4.604 min
Delta R.T.: 0.001 min
Response: 136717046
Conc: 52.98 ng/ml

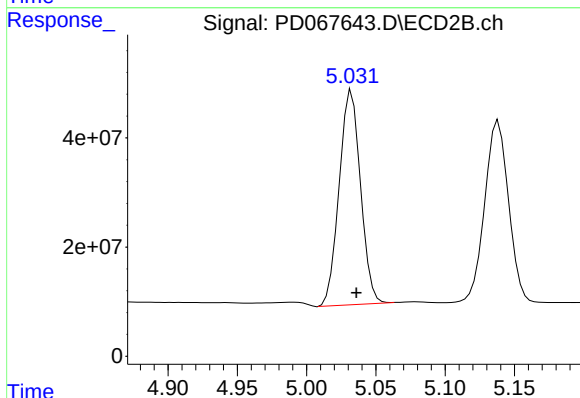
Instrument :

ECD_D

ClientSampleId :
PB141903BS

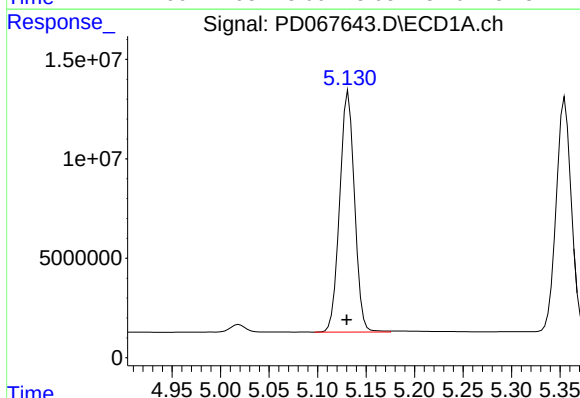
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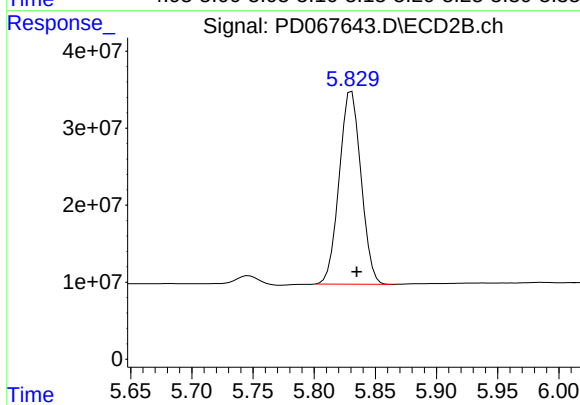
#7 delta-BHC

R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 421346589
Conc: 56.22 ng/ml



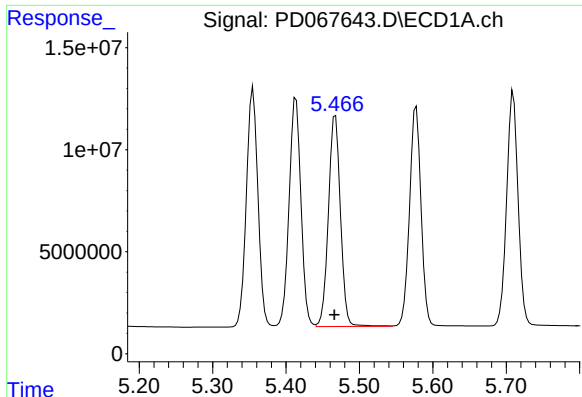
#8 Heptachlor epoxide

R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 128617412
Conc: 52.19 ng/ml



#8 Heptachlor epoxide

R.T.: 5.831 min
Delta R.T.: -0.004 min
Response: 310538732
Conc: 58.18 ng/ml



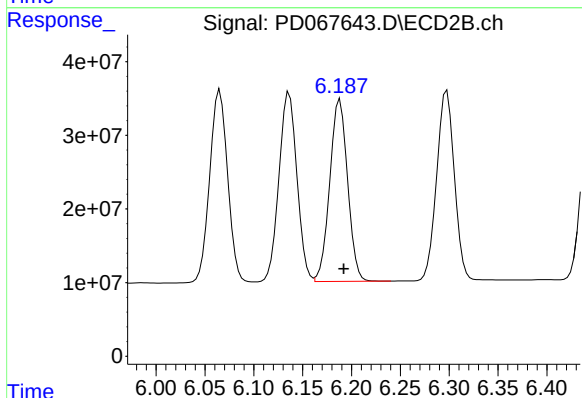
#9 Endosulfan I

R.T.: 5.467 min
Delta R.T.: 0.001 min
Response: 118229556
Conc: 53.14 ng/ml

Instrument :
ECD_D
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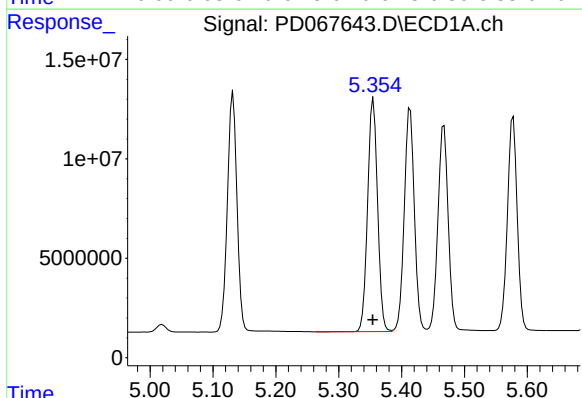
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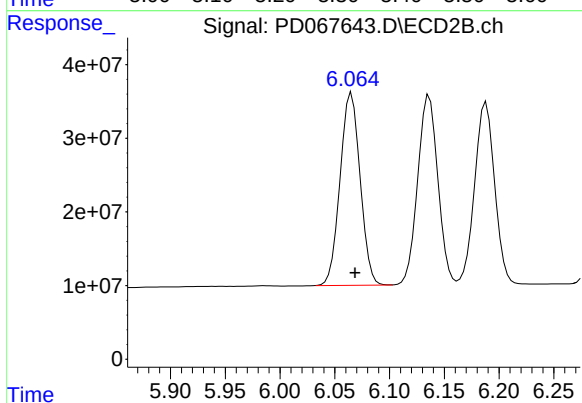
#9 Endosulfan I

R.T.: 6.188 min
Delta R.T.: -0.004 min
Response: 314621511
Conc: 51.97 ng/ml



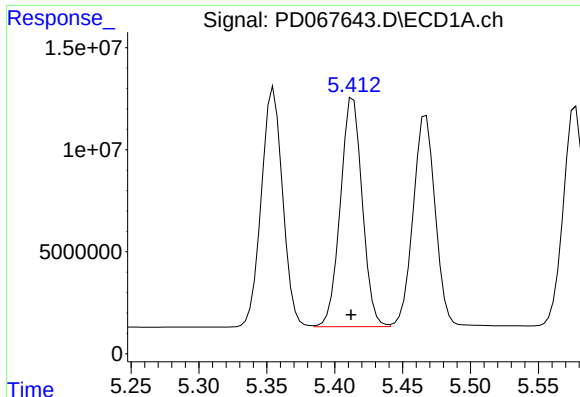
#10 gamma-Chlordane

R.T.: 5.355 min
Delta R.T.: 0.001 min
Response: 127833213
Conc: 51.71 ng/ml



#10 gamma-Chlordane

R.T.: 6.065 min
Delta R.T.: -0.003 min
Response: 332974154
Conc: 51.33 ng/ml



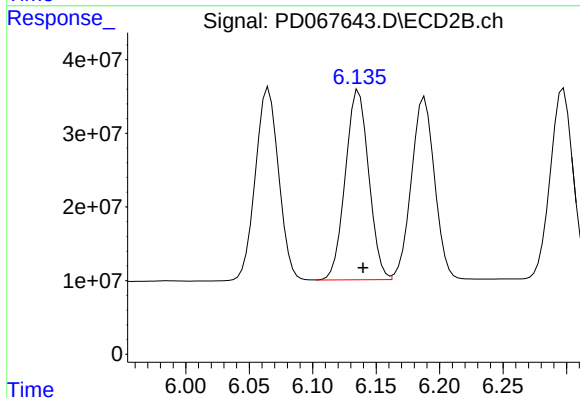
#11 alpha-Chlordane

R.T.: 5.414 min
Delta R.T.: 0.002 min
Response: 125919641
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141903BS

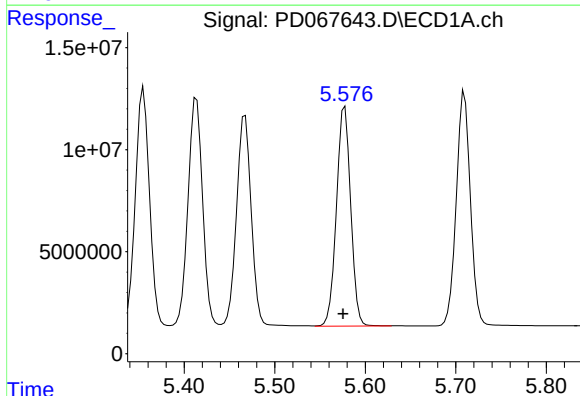
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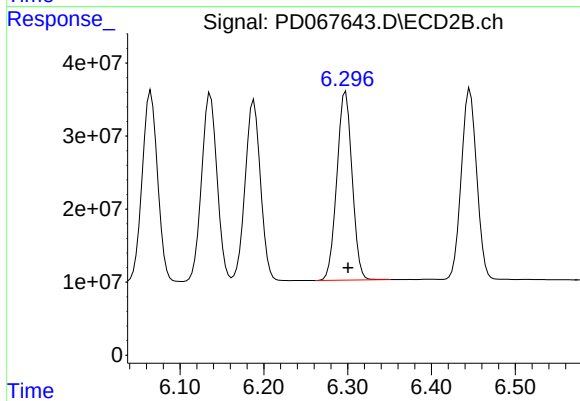
#11 alpha-Chlordane

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 330695422
Conc: 51.01 ng/ml



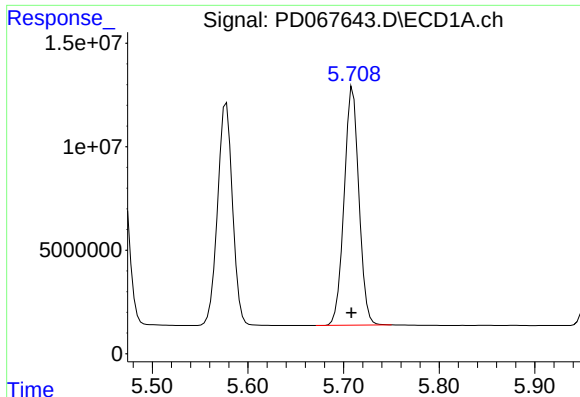
#12 4,4'-DDE

R.T.: 5.578 min
Delta R.T.: 0.002 min
Response: 117596214
Conc: 53.12 ng/ml



#12 4,4'-DDE

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 326281282
Conc: 52.97 ng/ml



#13 Dieldrin

R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 124142035
Conc: 51.42 ng/ml

Instrument :

ECD_D

ClientSampleId :

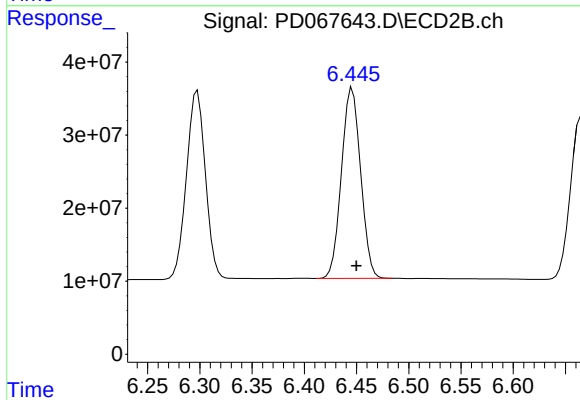
PB141903BS

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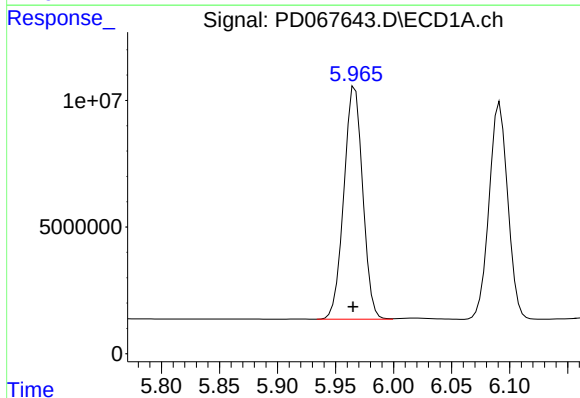
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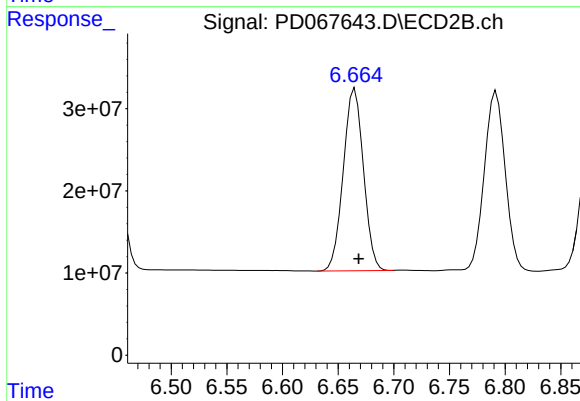
#13 Dieldrin

R.T.: 6.446 min
Delta R.T.: -0.004 min
Response: 333031709
Conc: 50.13 ng/ml



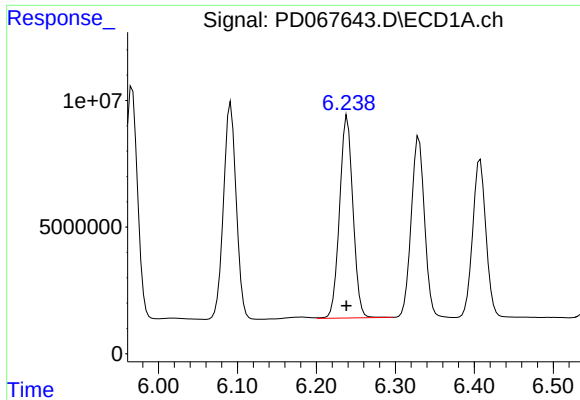
#14 Endrin

R.T.: 5.967 min
Delta R.T.: 0.002 min
Response: 103833743
Conc: 49.43 ng/ml



#14 Endrin

R.T.: 6.665 min
Delta R.T.: -0.004 min
Response: 279668613
Conc: 50.45 ng/ml



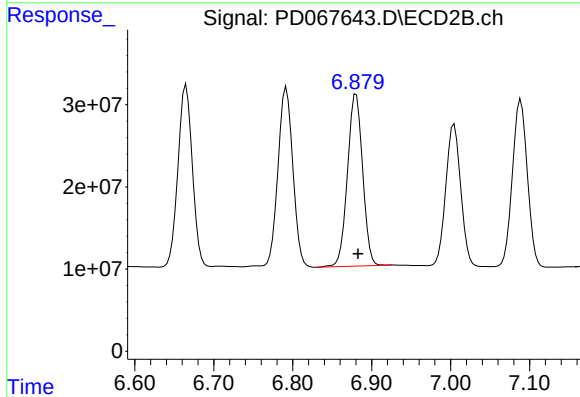
#15 Endosulfan II

R.T.: 6.239 min
Delta R.T.: 0.001 min
Response: 93773506
Conc: 46.76 ng/ml

Instrument :
ECD_D
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PB141903BS

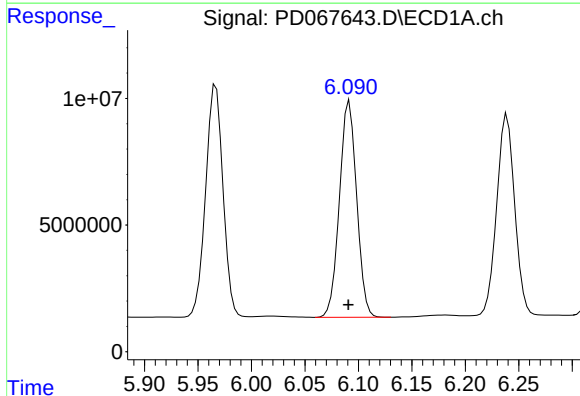
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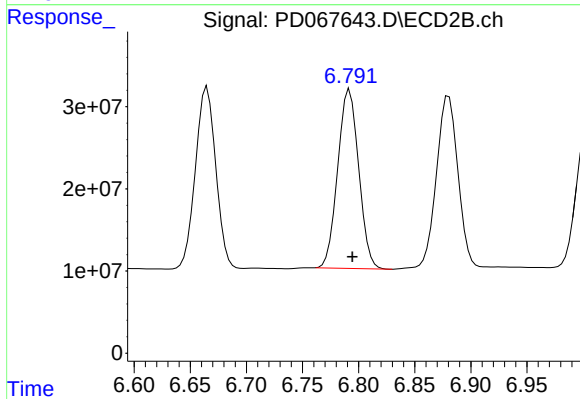
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: -0.003 min
Response: 279916289
Conc: 47.10 ng/ml



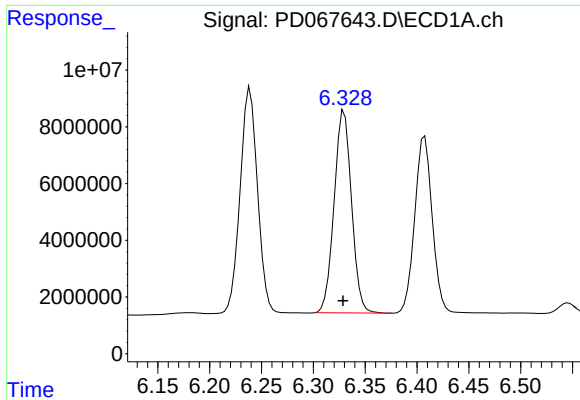
#16 4,4'-DDD

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 95911025
Conc: 55.83 ng/ml



#16 4,4'-DDD

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 283922931
Conc: 56.72 ng/ml



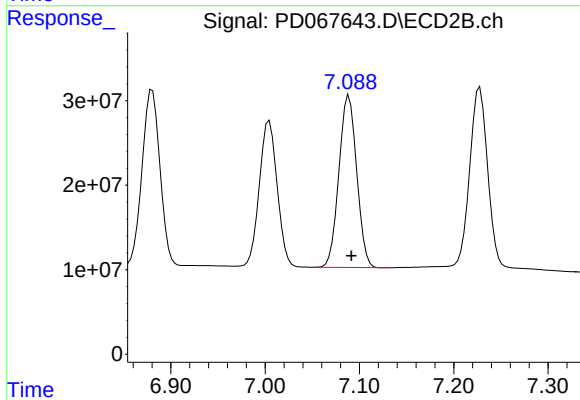
#17 4,4'-DDT

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 83252845
Conc: 50.95 ng/ml

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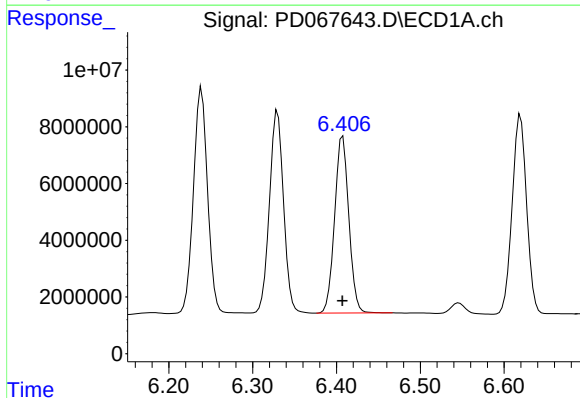
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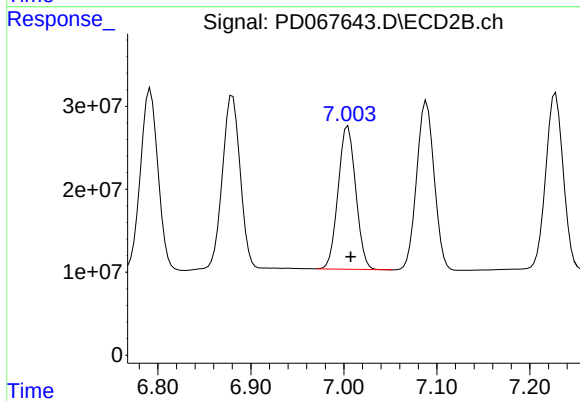
#17 4,4'-DDT

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 267350466
Conc: 49.96 ng/ml



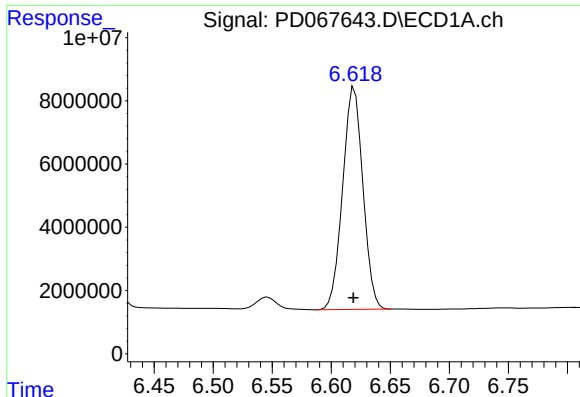
#18 Endrin aldehyde

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 73167758
Conc: 48.15 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 226879106
Conc: 50.29 ng/ml



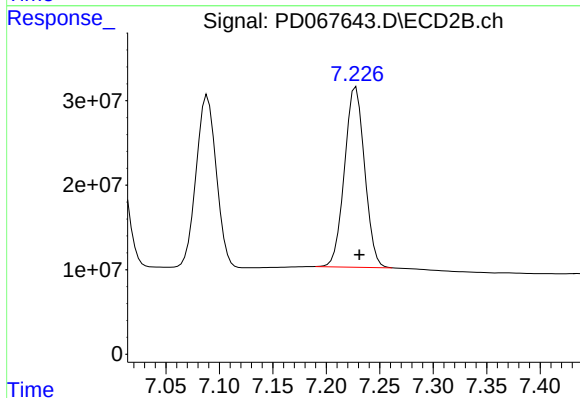
#19 Endosulfan Sulfate

R.T.: 6.620 min
Delta R.T.: 0.000 min
Response: 83916403
Conc: 51.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141903BS

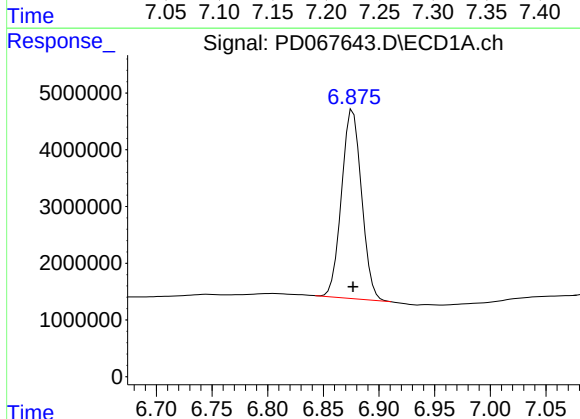
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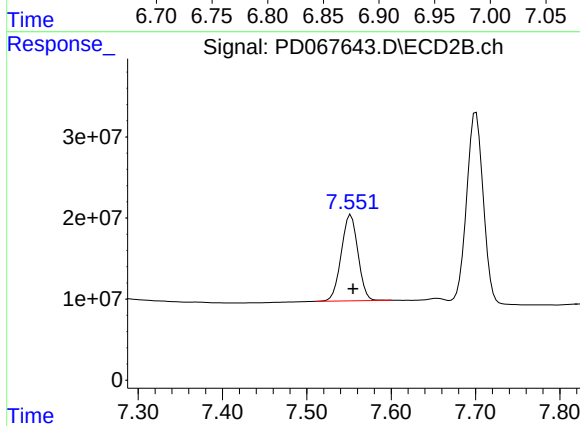
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: -0.005 min
Response: 279388318
Conc: 51.12 ng/ml m



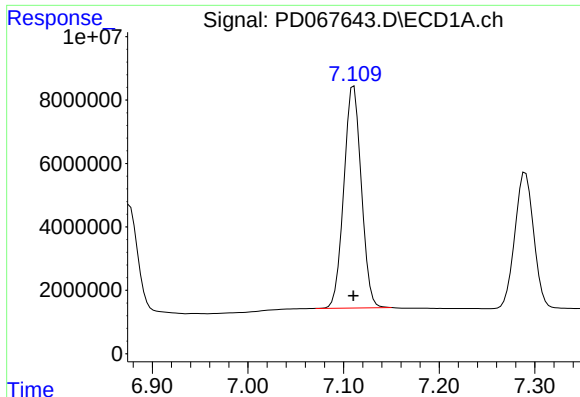
#20 Methoxychlor

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 41633289
Conc: 49.04 ng/ml



#20 Methoxychlor

R.T.: 7.552 min
Delta R.T.: -0.002 min
Response: 146565348
Conc: 50.51 ng/ml



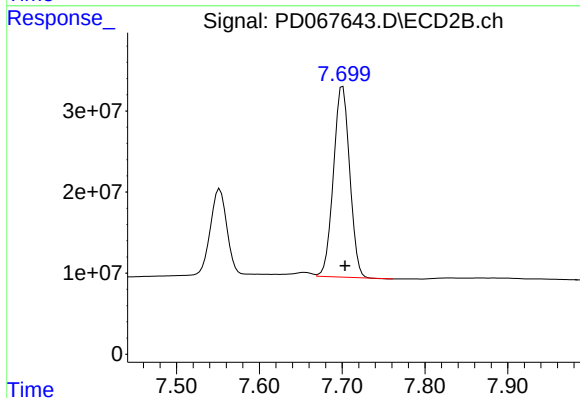
#21 Endrin ketone

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 89210884
Conc: 52.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB141903BS

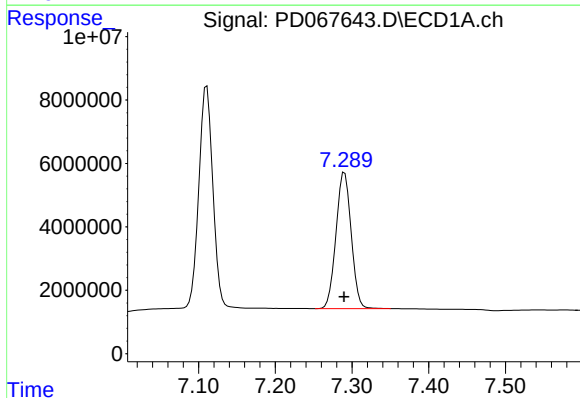
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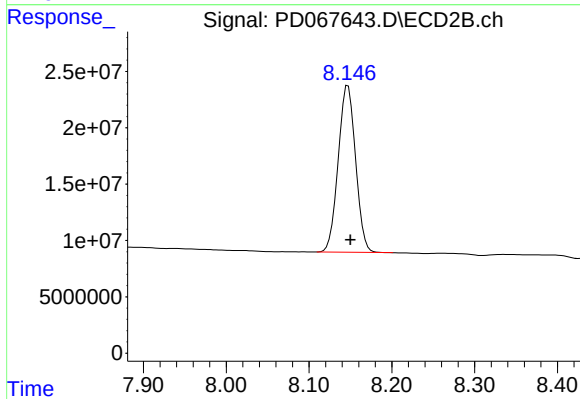
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.003 min
Response: 320745562
Conc: 51.11 ng/ml



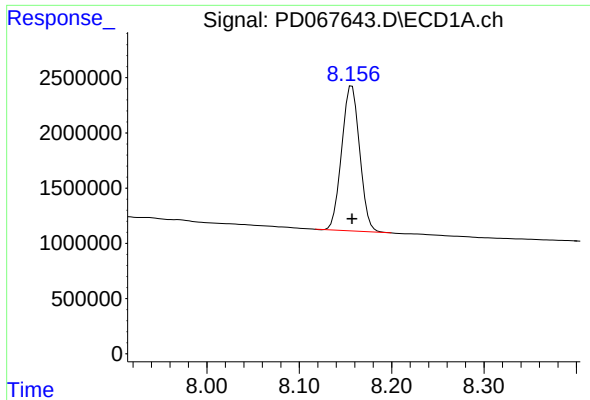
#22 Mirex

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 59171662
Conc: 49.47 ng/ml



#22 Mirex

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 215342100
Conc: 49.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 17747280
Conc: 19.98 ng/ml

Instrument :

ECD_D

ClientSampleId :

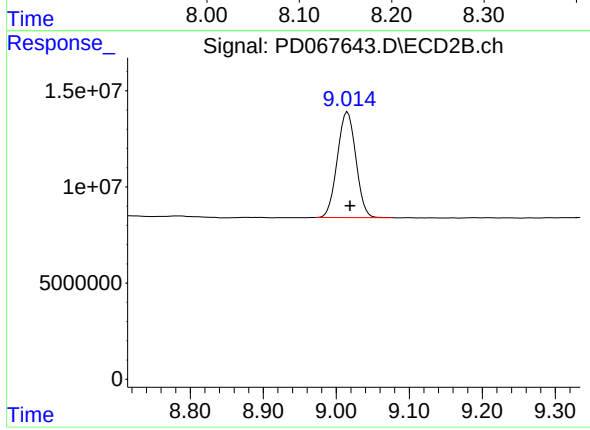
PB141903BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 01/10/2022

Supervised By :Ankita Jodhani 01/10/2022



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 96904493
Conc: 20.39 ng/ml