

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060622\
 Data File : PD070146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2022 22:55
 Operator : AR\AJ
 Sample : PB145307BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB145307BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/07/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 06:32:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 06:00:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.440	4.168	22378953	198.8E6	20.613	20.363
28)	SA Decachlor...	8.191	9.361	23965544	140.4E6	21.550	22.827
Target Compounds							
2)	A alpha-BHC	3.879	4.564	13978784	129.3E6	8.546	8.870
3)	MA gamma-BHC...	4.162	4.855	14298916	129.6E6	9.286	9.603
4)	MA Heptachlor	4.459	5.381	15543148	143.0E6	10.051	10.925
5)	MB Aldrin	4.706	5.694	15545286	146.5E6	10.570	11.455
6)	B beta-BHC	4.413	5.018	7576133	66195007	10.531	10.873
7)	B delta-BHC	4.616	5.244	2600532	7412014	1.680	0.817m#
8)	B Heptachlo...	5.149	6.082	14535275	100.1E6	10.600	12.152
9)	A Endosulfan I	5.487	6.444	13905177	121.6E6	10.623	11.478
10)	B gamma-Chl...	5.375	6.319	15300513	142.8E6	11.011	12.421
11)	B alpha-Chl...	5.433	6.394	15195469	131.7E6	10.974	11.646
12)	B 4,4'-DDE	5.599	6.543	13458999	122.3E6	10.762	11.661
13)	MA Dieldrin	5.731	6.703	14628487	125.8E6	10.862	11.510
14)	MA Endrin	5.989	6.923	12833490	99958368	10.657	11.908
15)	B Endosulfa...	6.263	7.129	13158853	102.9E6	11.655	12.176
16)	A 4,4'-DDD	6.116	7.034	11333523	92763392	10.435	11.029
17)	MA 4,4'-DDT	6.356	7.338	10455444	89809001	9.855	10.463
18)	B Endrin al...	6.432	7.251	10786523	90103188	11.656	13.130m
19)	B Endosulfa...	6.645	7.477	10017308	75405029	8.464	9.053
20)	A Methoxychlor	6.906	7.792	6999271	48814757	11.353	11.577
21)	B Endrin ke...	7.138	7.952	14806846	102.9E6	11.000	11.858
22)	Mirex	7.321	8.418	37922156	247.7E6	36.312	40.320

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060622\
Data File : PD070146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2022 22:55
Operator : AR\AJ
Sample : PB145307BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

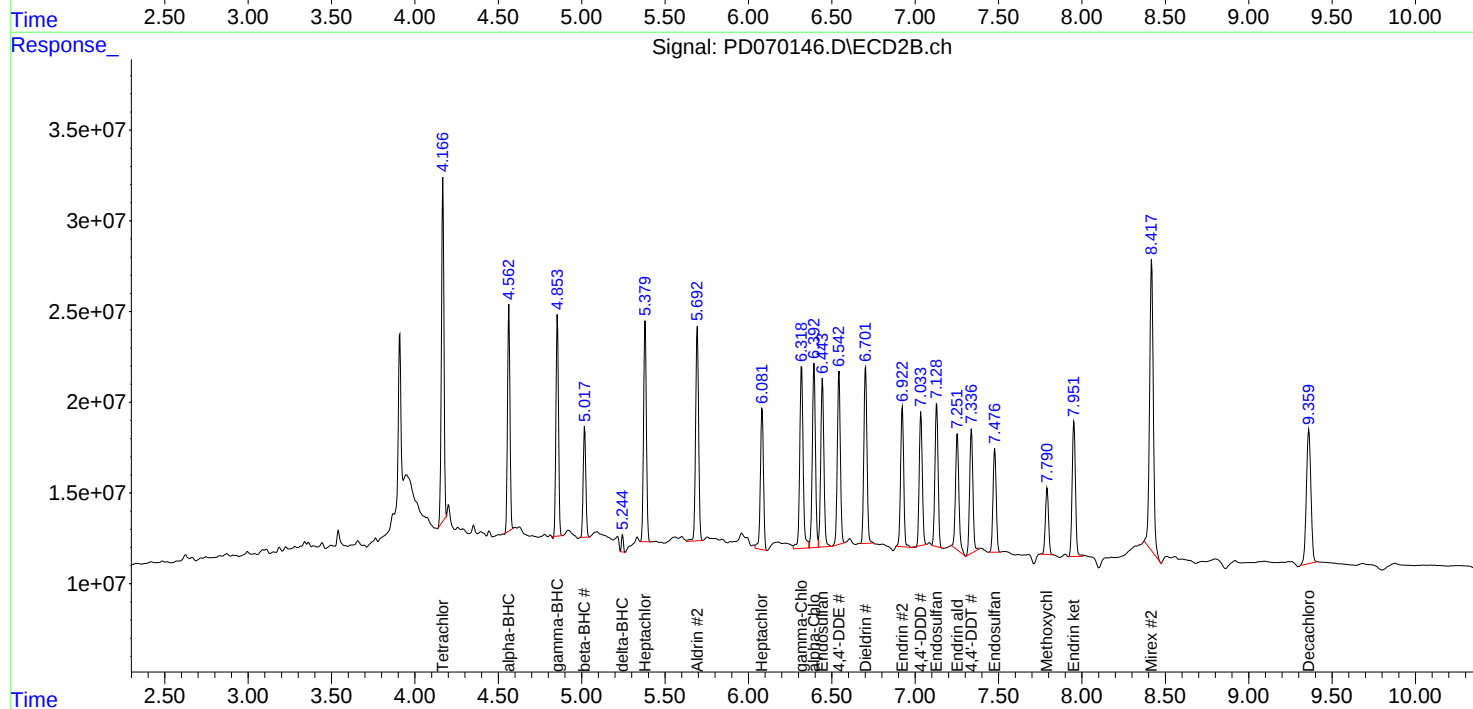
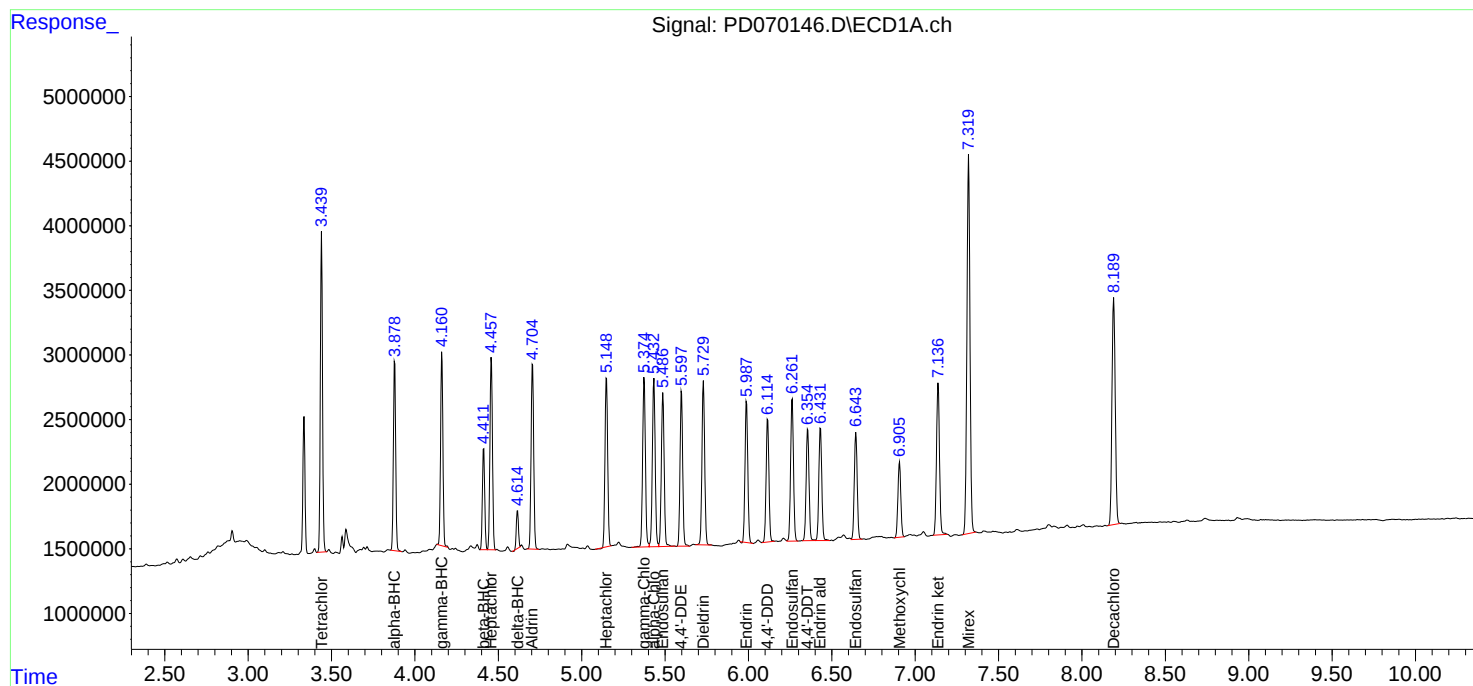
Instrument :
ECD_D
ClientSampleId :
PB145307BSD

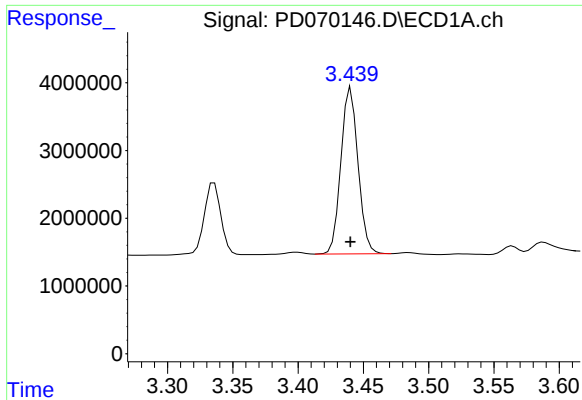
Manual Integrations
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Reviewed By : Abdul Mirza 06/07/2022
Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 06:32:05 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
Quant Title : GC Extractables
QLast Update : Tue Jun 07 06:00:04 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





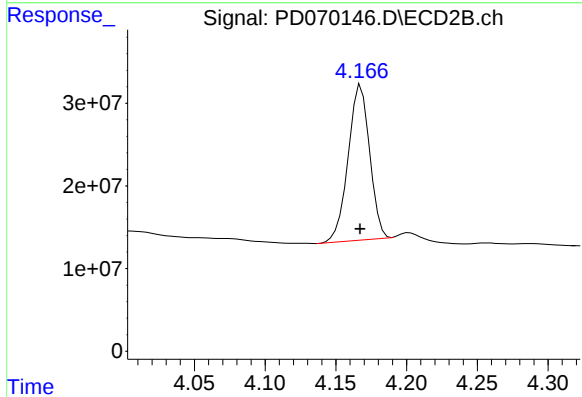
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 22378953
Conc: 20.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

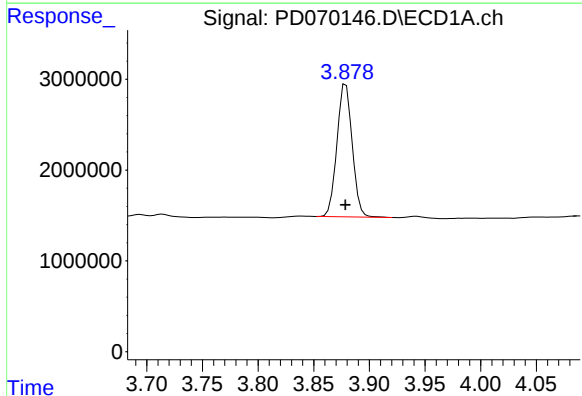
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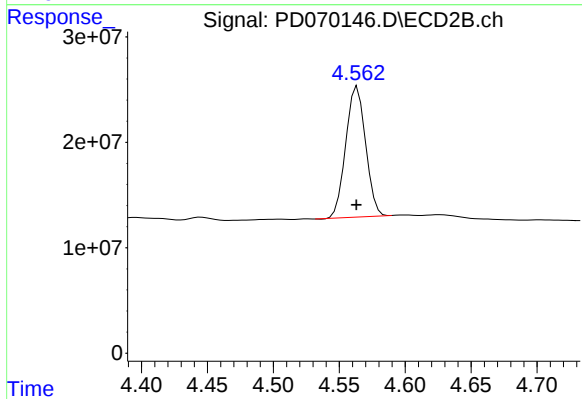
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.000 min
Response: 198773506
Conc: 20.36 ng/ml



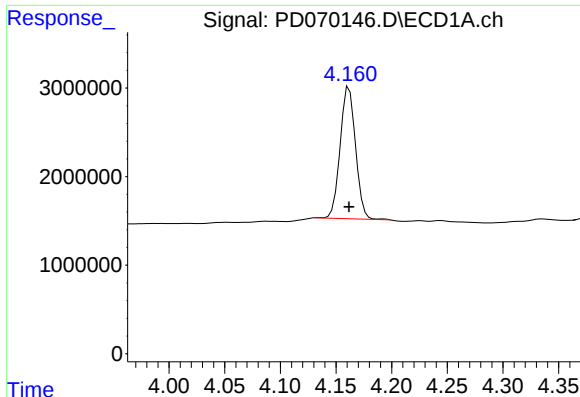
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 13978784
Conc: 8.55 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 129274043
Conc: 8.87 ng/ml



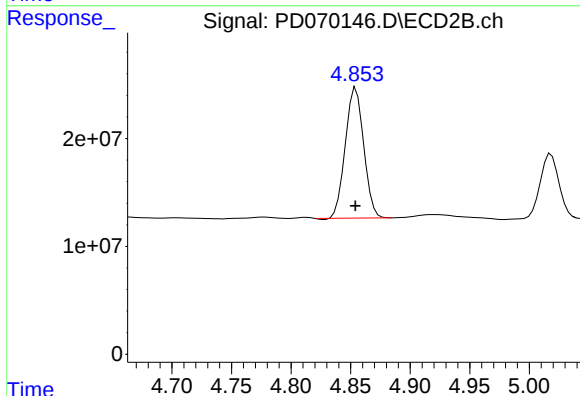
#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 14298916
Conc: 9.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

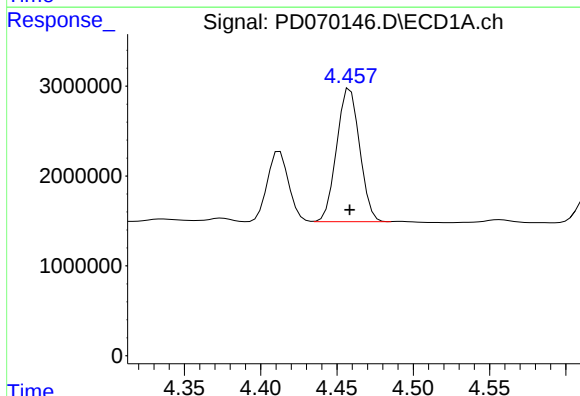
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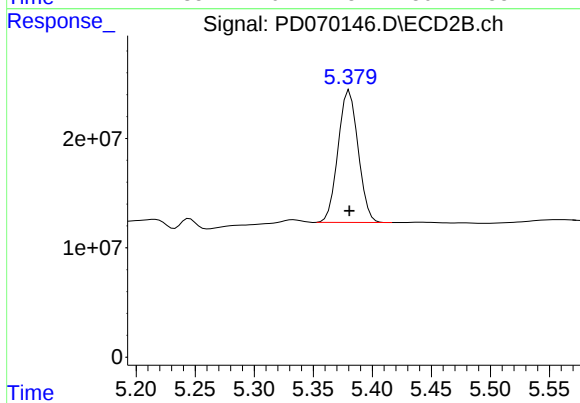
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 129574843
Conc: 9.60 ng/ml



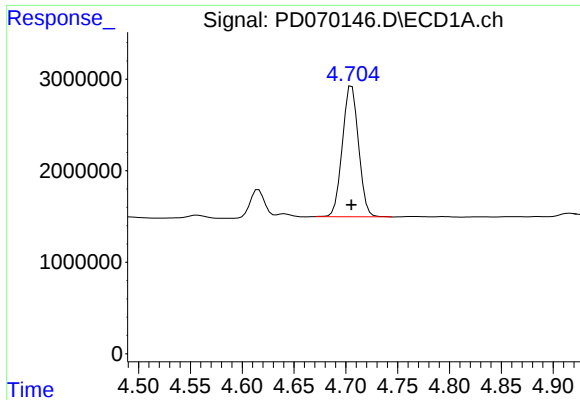
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 15543148
Conc: 10.05 ng/ml



#4 Heptachlor

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 143005323
Conc: 10.92 ng/ml



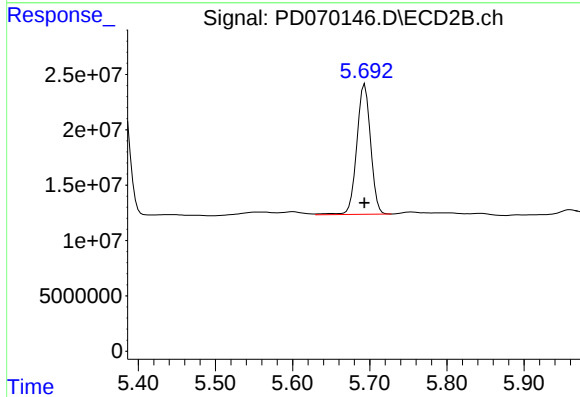
#5 Aldrin

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 15545286
Conc: 10.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

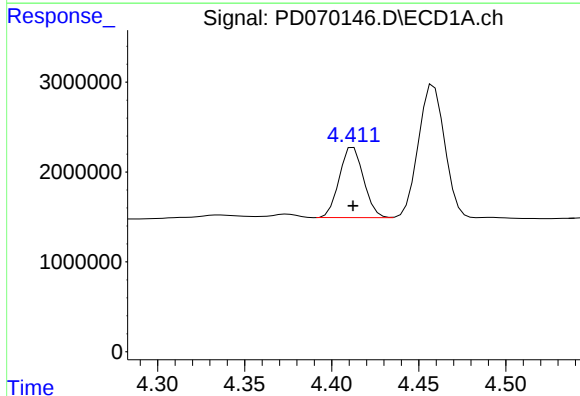
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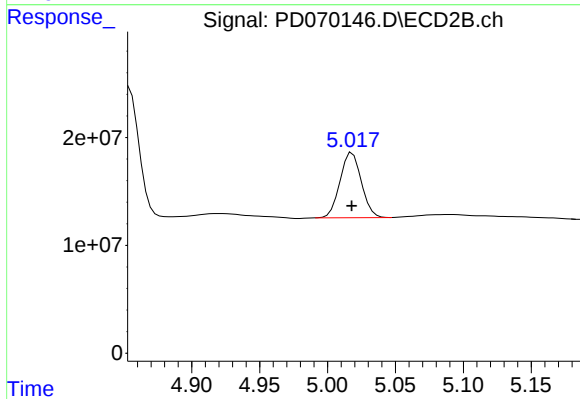
#5 Aldrin

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 146532086
Conc: 11.46 ng/ml



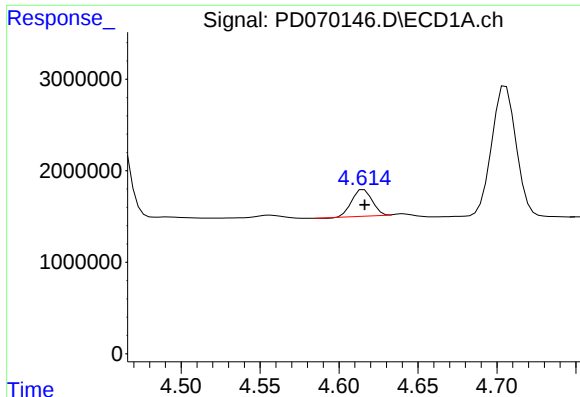
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: 0.000 min
Response: 7576133
Conc: 10.53 ng/ml



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 66195007
Conc: 10.87 ng/ml



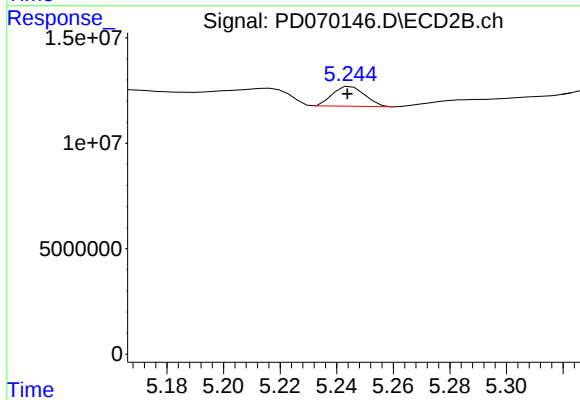
#7 delta-BHC

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 2600532
Conc: 1.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

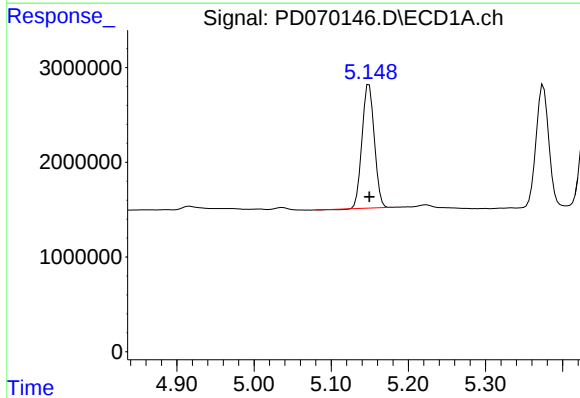
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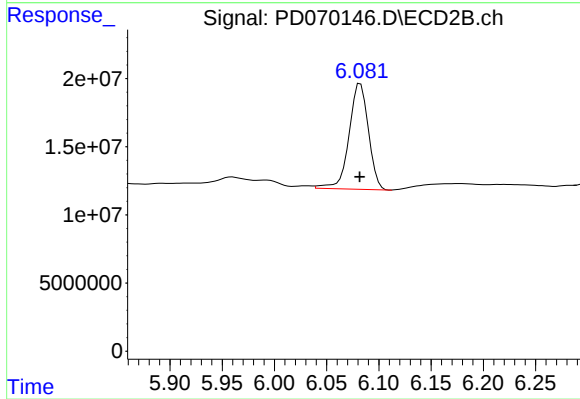
#7 delta-BHC

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 7412014
Conc: 0.82 ng/ml m



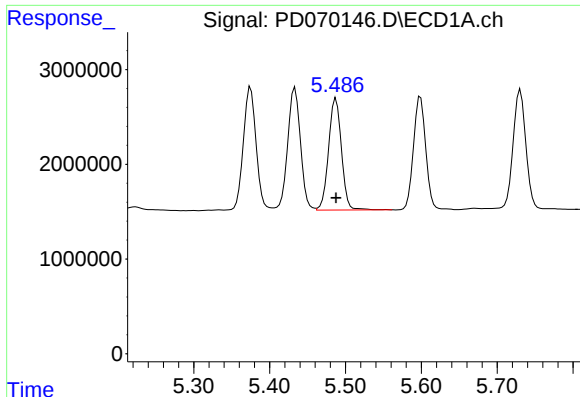
#8 Heptachlor epoxide

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 14535275
Conc: 10.60 ng/ml



#8 Heptachlor epoxide

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 100112786
Conc: 12.15 ng/ml



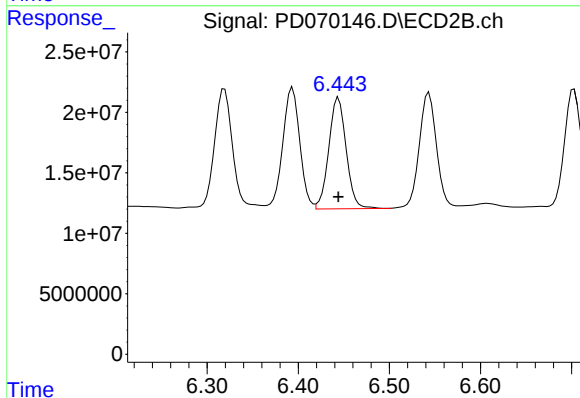
#9 Endosulfan I

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 13905177
Conc: 10.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

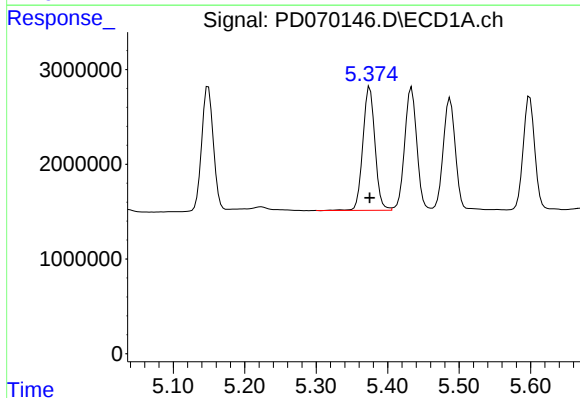
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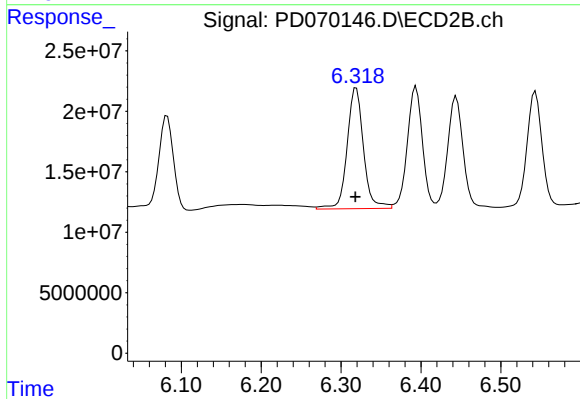
#9 Endosulfan I

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 121552367
Conc: 11.48 ng/ml



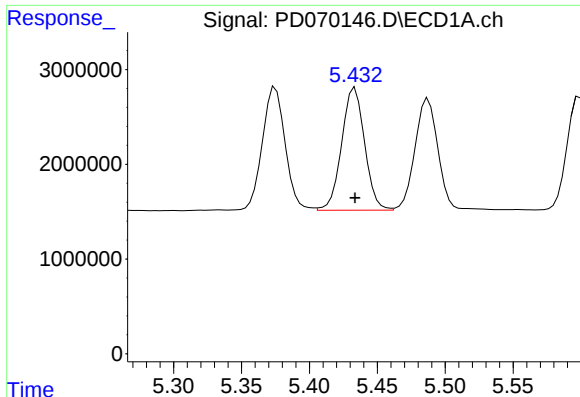
#10 gamma-Chlordane

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 15300513
Conc: 11.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 142767429
Conc: 12.42 ng/ml



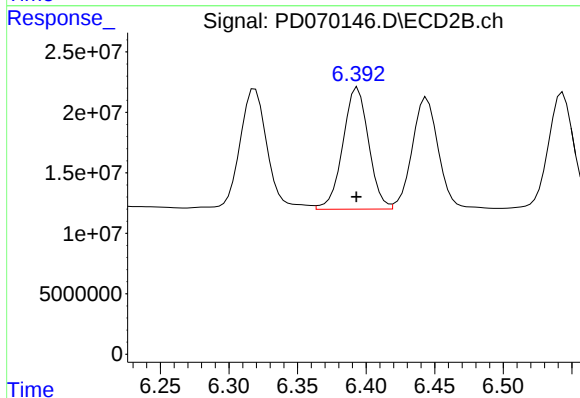
#11 alpha-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 15195469
Conc: 10.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

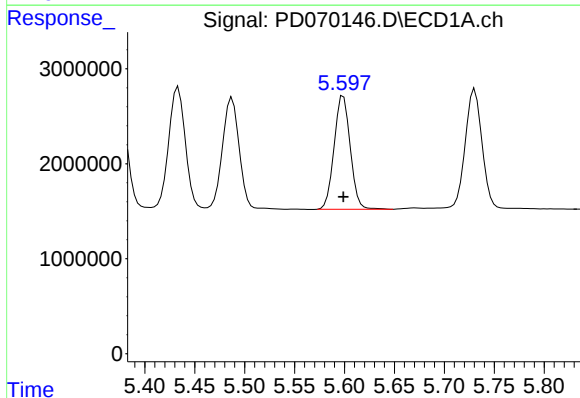
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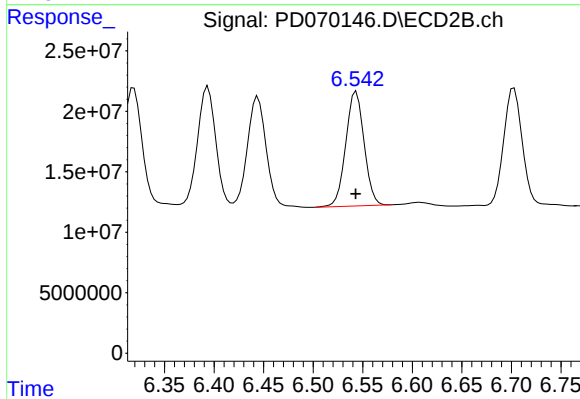
#11 alpha-Chlordane

R.T.: 6.394 min
Delta R.T.: 0.001 min
Response: 131652362
Conc: 11.65 ng/ml



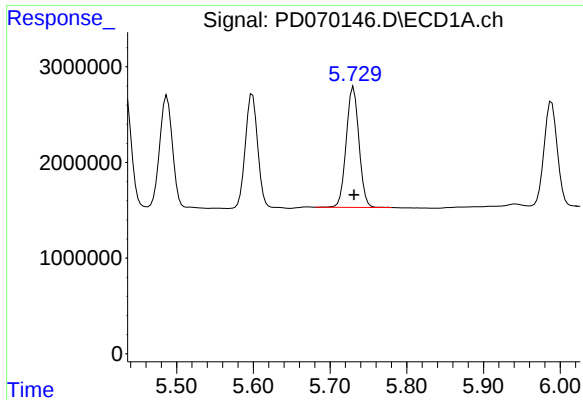
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 13458999
Conc: 10.76 ng/ml



#12 4,4'-DDE

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 122262890
Conc: 11.66 ng/ml



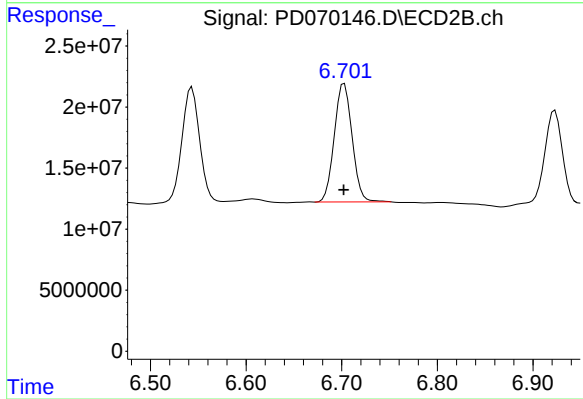
#13 Dieldrin

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 14628487
Conc: 10.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

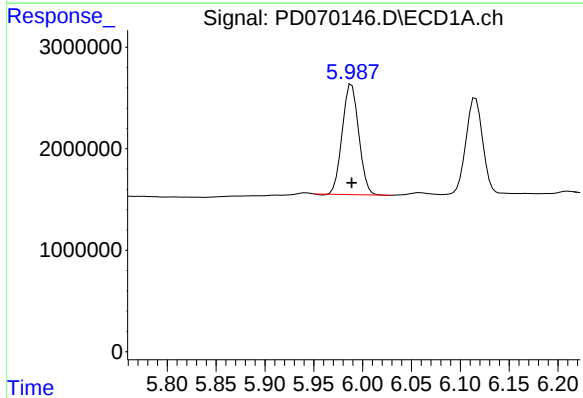
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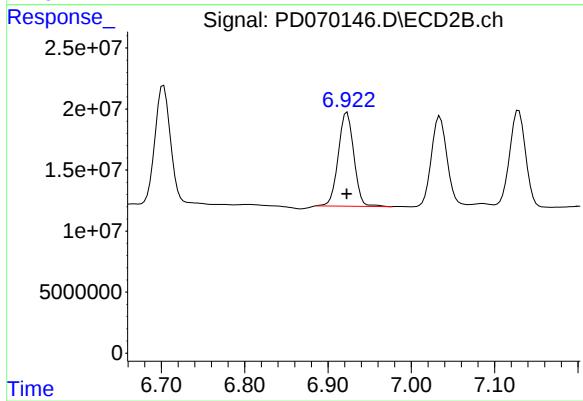
#13 Dieldrin

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 125809541
Conc: 11.51 ng/ml



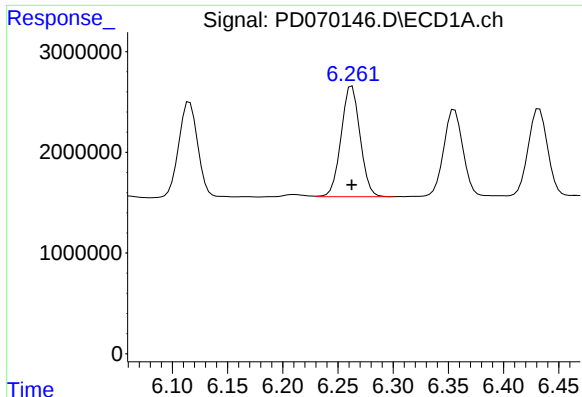
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 12833490
Conc: 10.66 ng/ml



#14 Endrin

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 99958368
Conc: 11.91 ng/ml



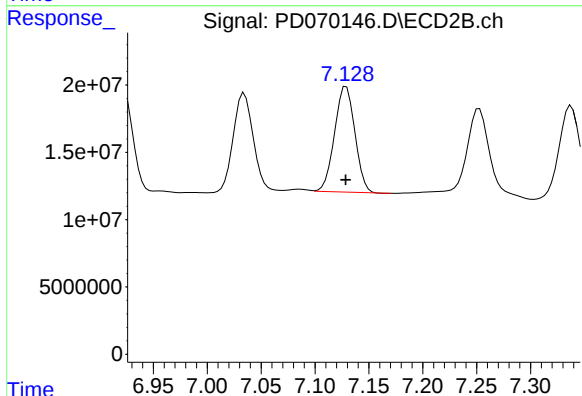
#15 Endosulfan II

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 13158853
Conc: 11.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

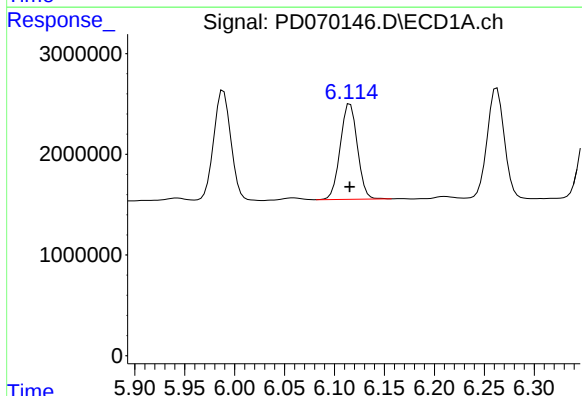
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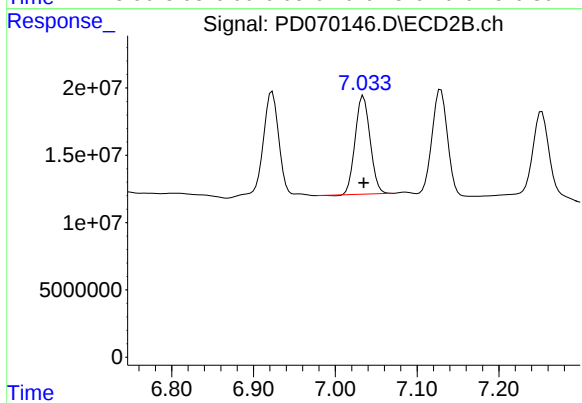
#15 Endosulfan II

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 102941267
Conc: 12.18 ng/ml



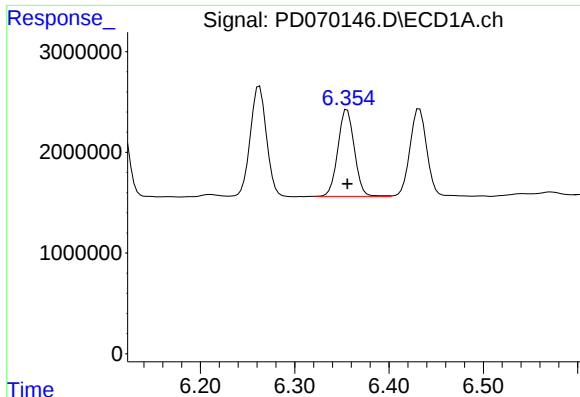
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 11333523
Conc: 10.44 ng/ml



#16 4,4'-DDD

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 92763392
Conc: 11.03 ng/ml



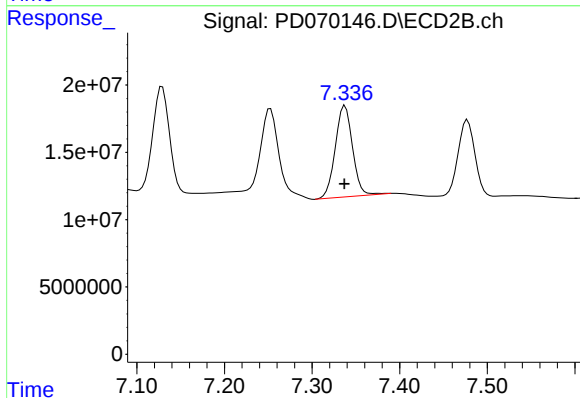
#17 4,4'-DDT

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 10455444
Conc: 9.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

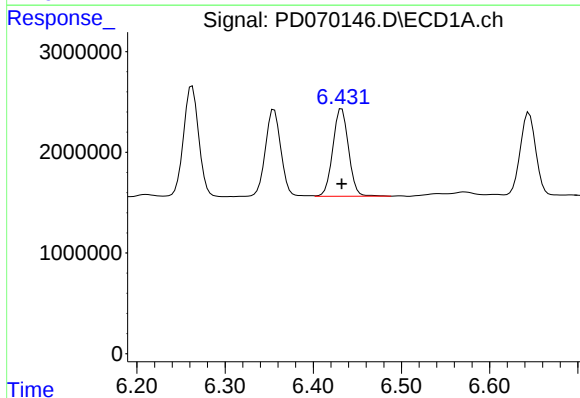
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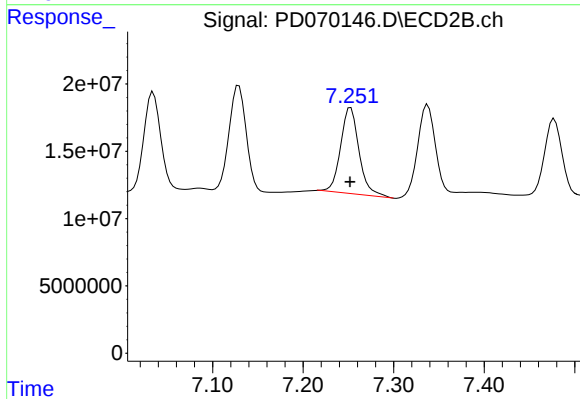
#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 89809001
Conc: 10.46 ng/ml



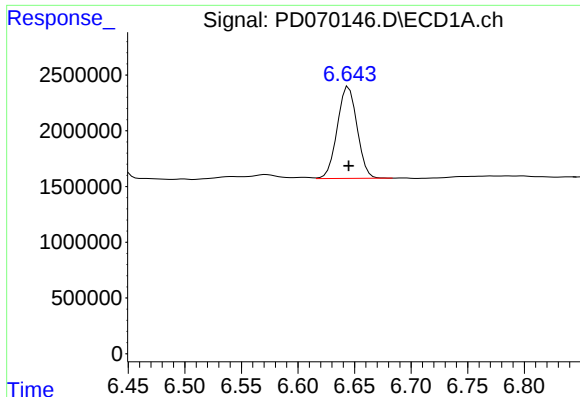
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 10786523
Conc: 11.66 ng/ml



#18 Endrin aldehyde

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 90103188
Conc: 13.13 ng/ml m



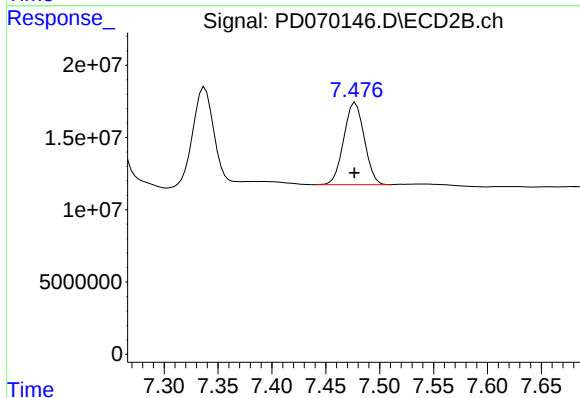
#19 Endosulfan Sulfate

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 10017308
Conc: 8.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

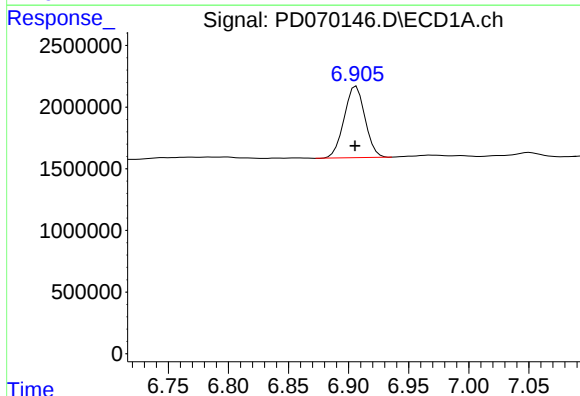
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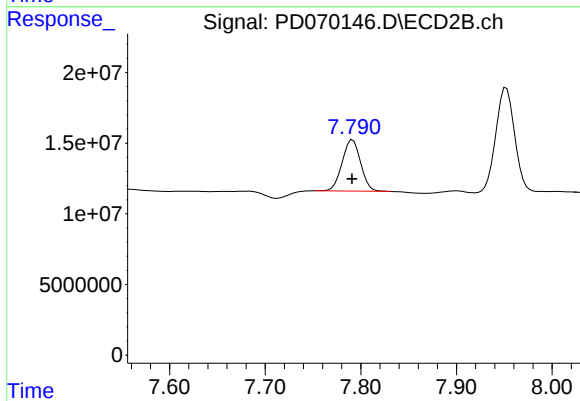
#19 Endosulfan Sulfate

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 75405029
Conc: 9.05 ng/ml



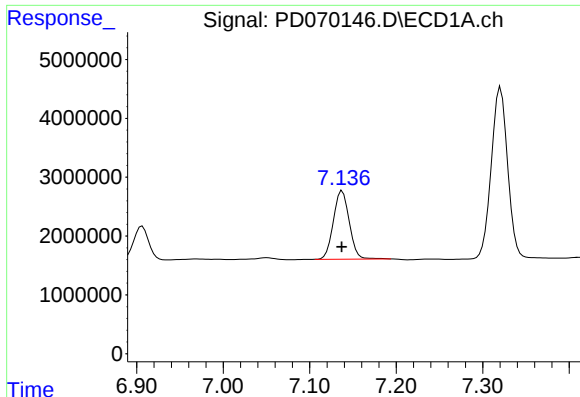
#20 Methoxychlor

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 6999271
Conc: 11.35 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 48814757
Conc: 11.58 ng/ml



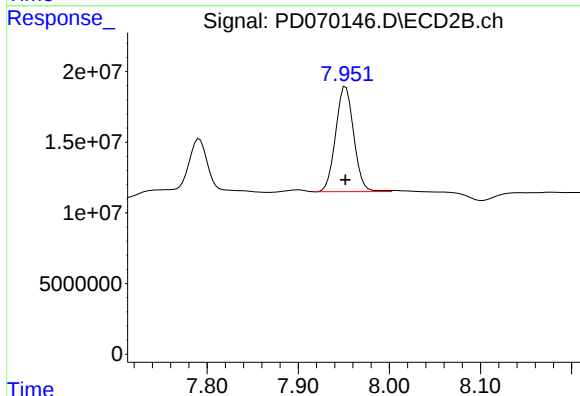
#21 Endrin ketone

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 14806846
Conc: 11.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

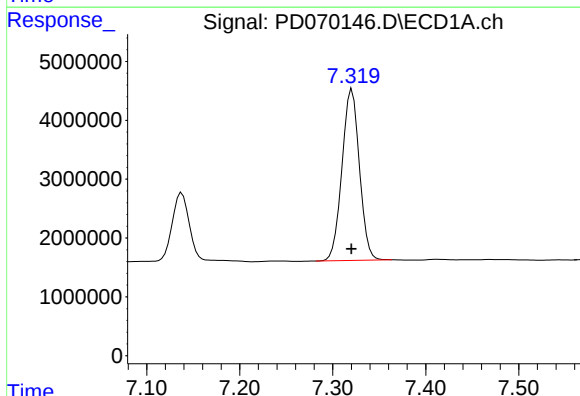
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/07/2022
Supervised By :Ankita Jodhani 06/07/2022



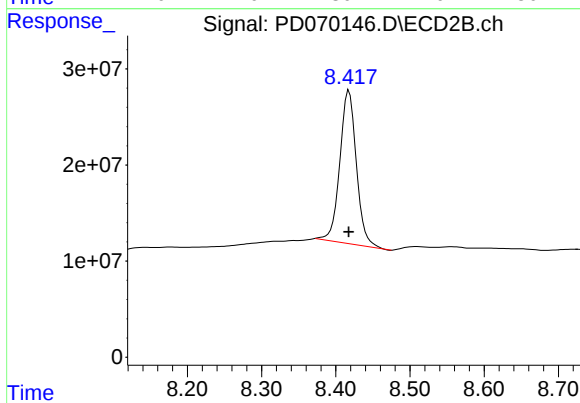
#21 Endrin ketone

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 102896112
Conc: 11.86 ng/ml



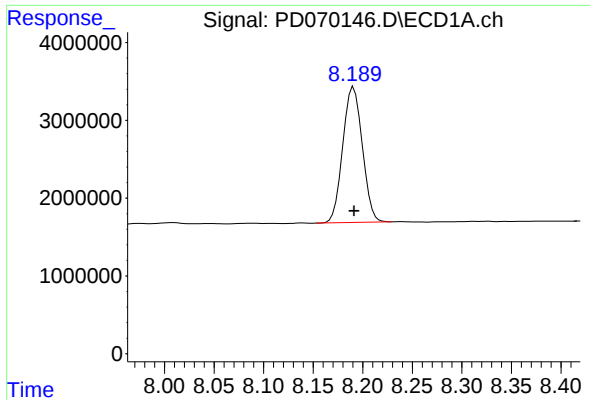
#22 Mirex

R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 37922156
Conc: 36.31 ng/ml



#22 Mirex

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 247689817
Conc: 40.32 ng/ml



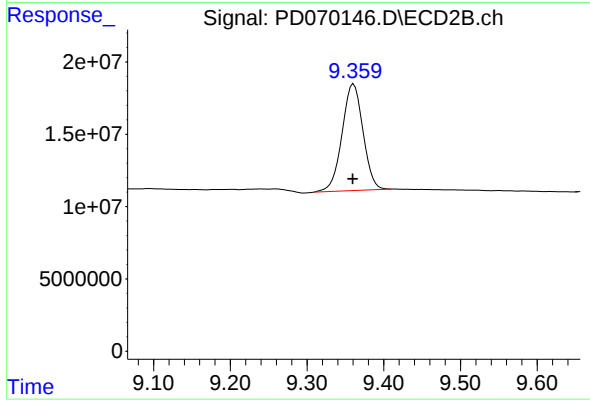
#28 Decachlorobiphenyl

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 23965544
Conc: 21.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145307BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.361 min
Delta R.T.: 0.001 min
Response: 140397622
Conc: 22.83 ng/ml