

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010322\
 Data File : PD067574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2022 16:18
 Operator : AR\AJ
 Sample : M5337-09MSD 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/04/2022
 Supervised By :mohammad ahmed 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 04 00:39:47 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...	3.434	3.963	6634970	28036807	3.651	4.249
28)	SA Decachlor...	8.156	9.018	2948584	17018757	3.319	3.581
Target Compounds							
2)	A alpha-BHC	3.870	4.357	25522469	90191875	8.849	9.721
3)	MA gamma-BHC...	4.151	4.642	25214298	83408405	9.480	9.897
4)	MA Heptachlor	4.444	5.140	23050742	74698349	8.476	9.736m
5)	MB Aldrin	4.687	5.445	24124968	73663465	8.716m	9.935
6)	B beta-BHC	4.400	4.819	10873639	40525823	9.894	10.393m
7)	B delta-BHC	4.602	5.035	21664512	81179645	8.396	10.832 #
8)	B Heptachlo...	5.129	5.833	22211687	55858685	9.014	10.465
9)	A Endosulfan I	5.466	6.191	18802826	58992442	8.451	9.744
10)	B gamma-Chl...	5.353	6.066	23616036	67862272	9.552	10.461m
11)	B alpha-Chl...	5.411	6.139	22424176	67269929	9.274	10.377
12)	B 4,4'-DDE	5.575	6.300	19999833	62429110	9.034	10.135
13)	MA Dieldrin	5.708	6.449	22017713	62771245	9.120	9.449
14)	MA Endrin	5.963	6.668	18855302	52053853	8.976m	9.390
15)	B Endosulfa...	6.237	6.882	18704315	57811798	9.327m	9.727
16)	A 4,4'-DDD	6.090	6.794	15986093	49979642	9.305	9.984
17)	MA 4,4'-DDT	6.328	7.089	13023606	43216329	7.970	8.076m
18)	B Endrin al...	6.407	7.007	12725415	41880637	8.374	9.283
19)	B Endosulfa...	6.618	7.230	14246985	49218877	8.825	9.005
20)	A Methoxychlor	6.876	7.554	7018722	25779631	8.268	8.885
21)	B Endrin ke...	7.110	7.702	14630992	56195761	8.549	8.955
22)	Mirex	7.288	8.148	11539466	44044648	9.647m	10.143

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010322\
Data File : PD067574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jan 2022 16:18
Operator : AR\AJ
Sample : M5337-09MSD 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

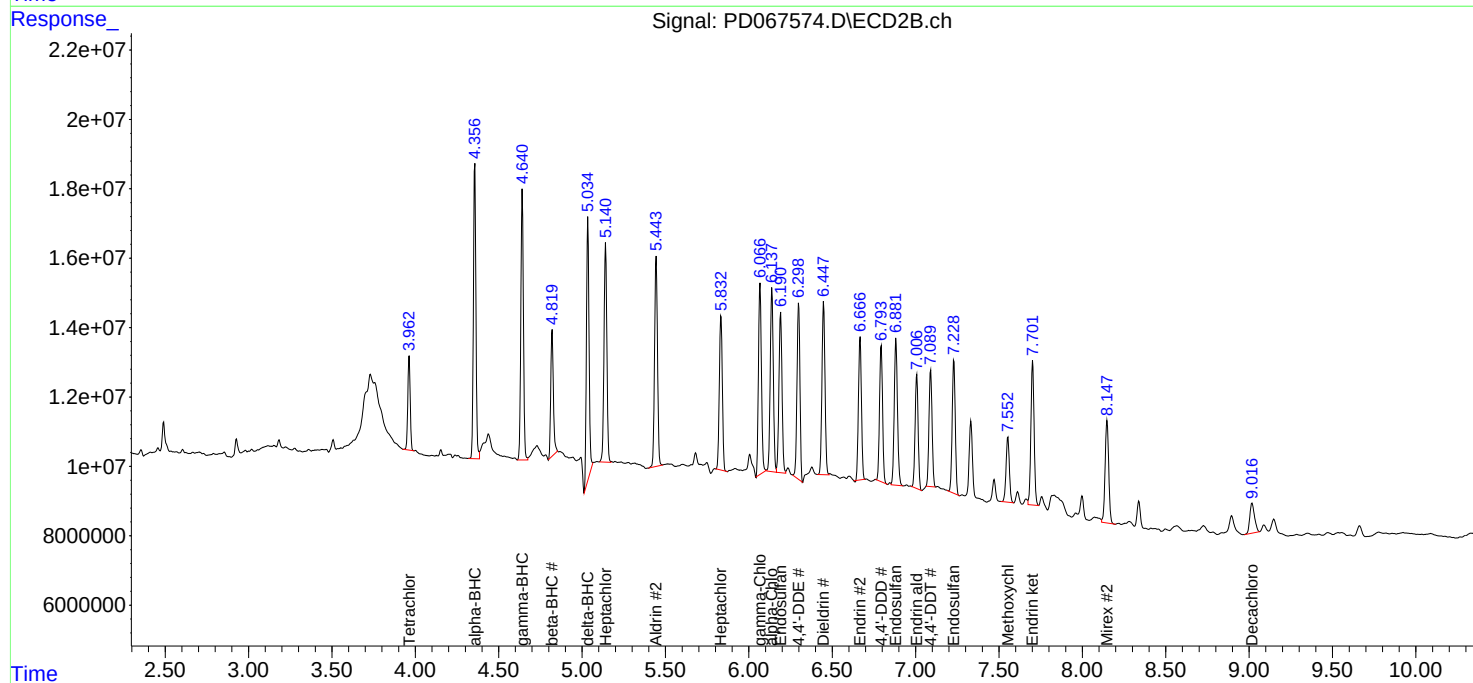
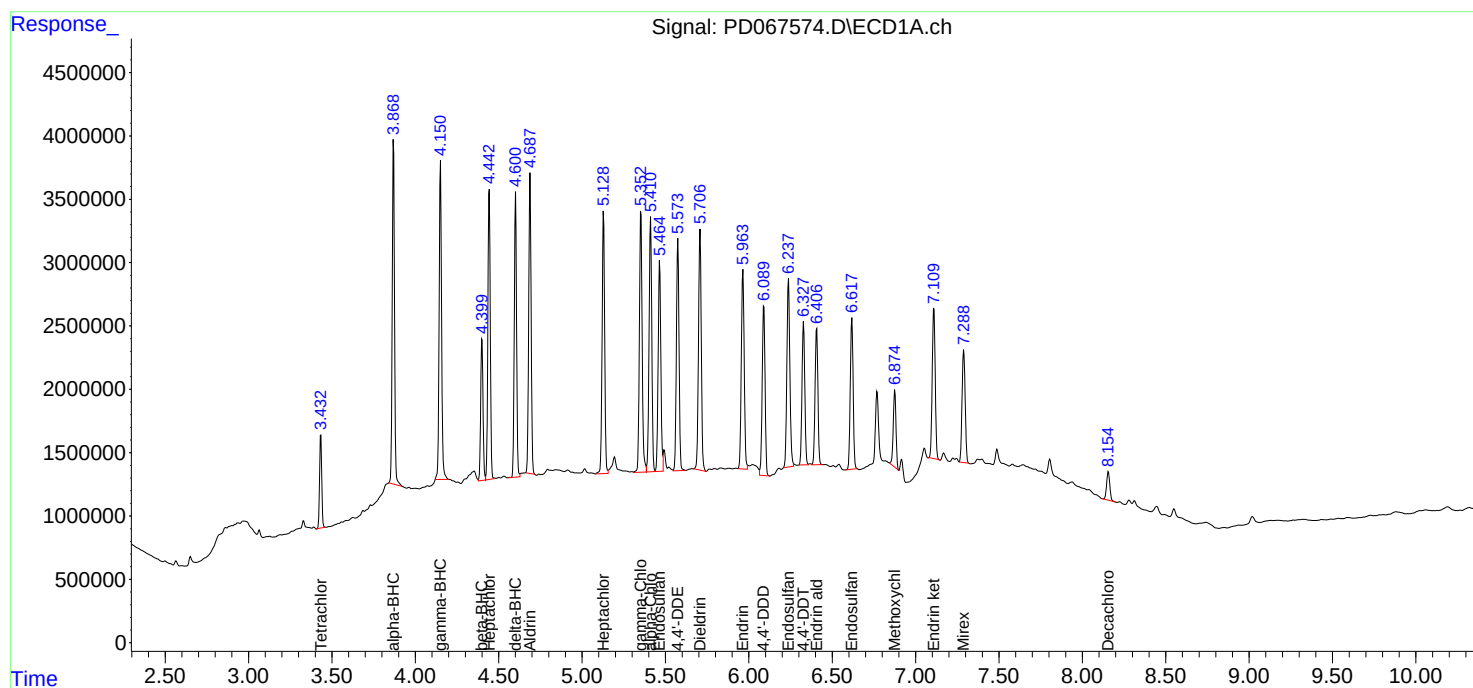
Instrument :
ECD_D
ClientSampleId :
WC-1MSD

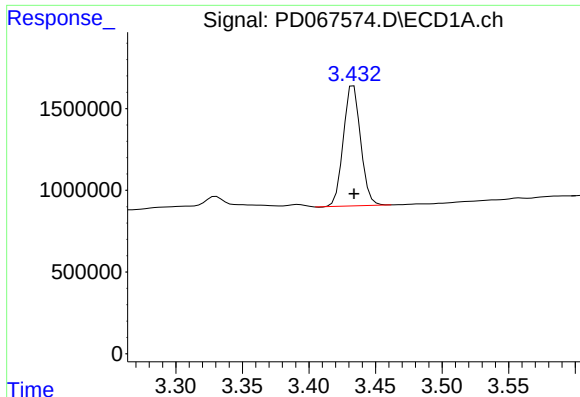
Manual Integrations
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Supervised By :mohammad ahmed 01/05/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 04 00:39:47 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





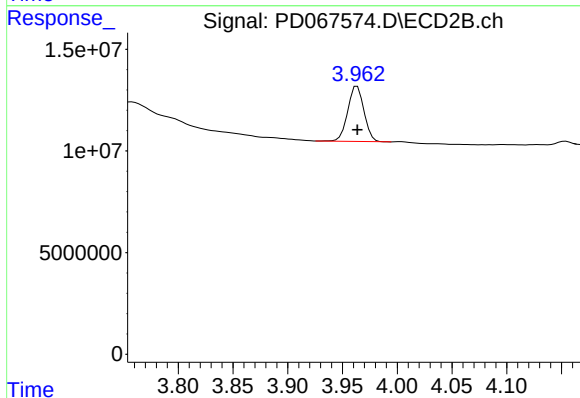
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: 0.000 min
Response: 6634970
Conc: 3.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

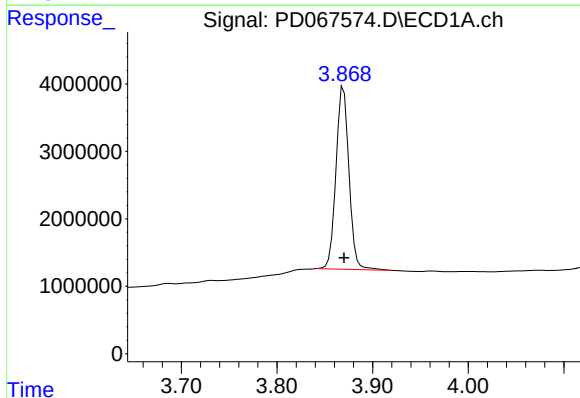
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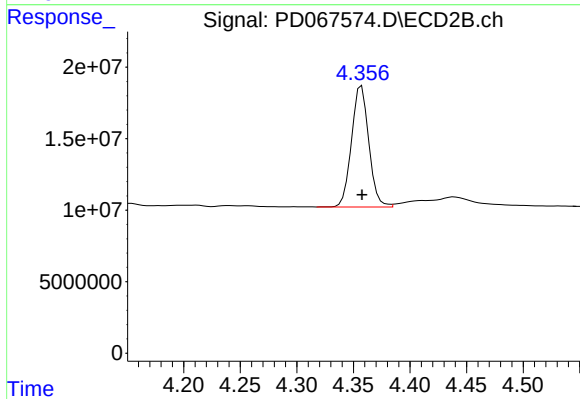
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 28036807
Conc: 4.25 ng/ml



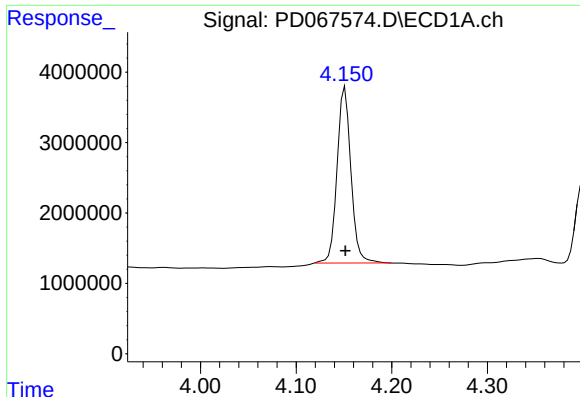
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.000 min
Response: 25522469
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 90191875
Conc: 9.72 ng/ml



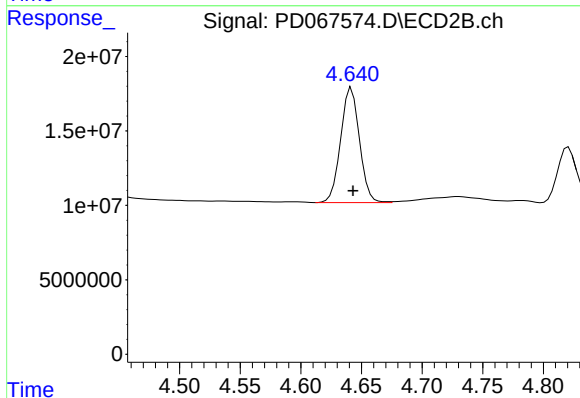
#3 gamma-BHC (Lindane)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 25214298
Conc: 9.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

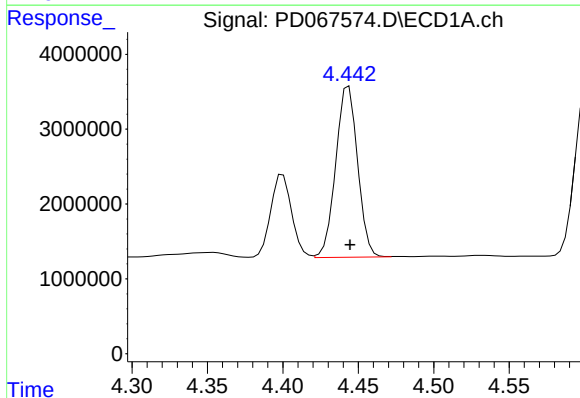
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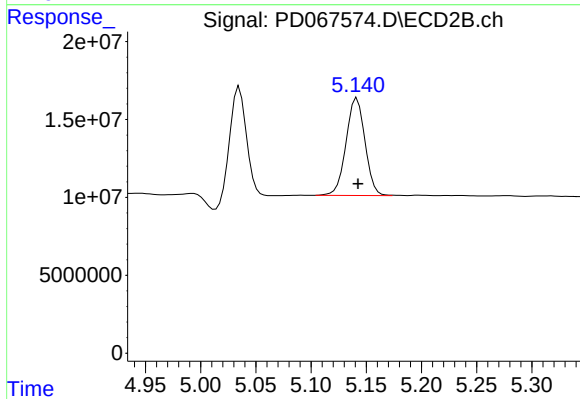
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 83408405
Conc: 9.90 ng/ml



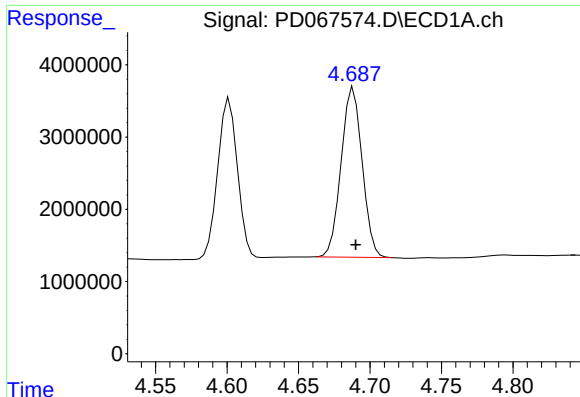
#4 Heptachlor

R.T.: 4.444 min
Delta R.T.: 0.000 min
Response: 23050742
Conc: 8.48 ng/ml



#4 Heptachlor

R.T.: 5.140 min
Delta R.T.: -0.002 min
Response: 74698349
Conc: 9.74 ng/ml m



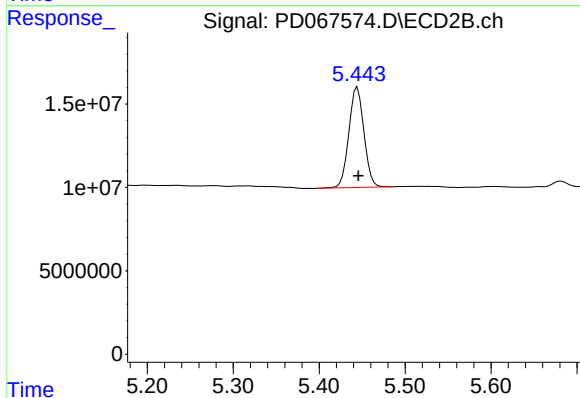
#5 Aldrin

R.T.: 4.687 min
Delta R.T.: -0.003 min
Response: 24124968
Conc: 8.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

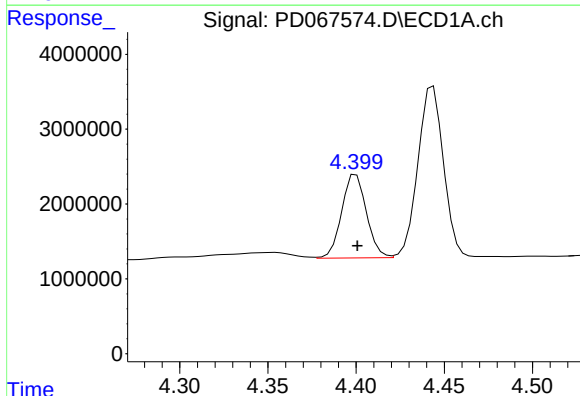
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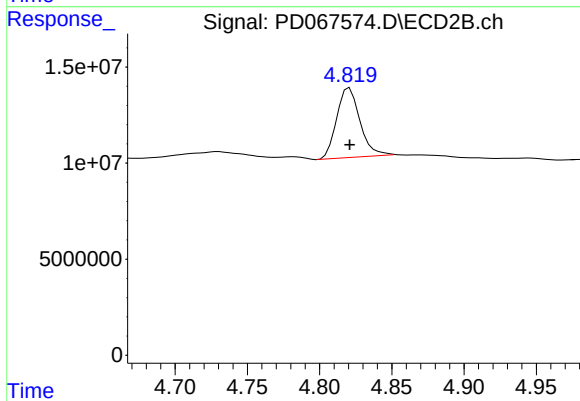
#5 Aldrin

R.T.: 5.445 min
Delta R.T.: -0.001 min
Response: 73663465
Conc: 9.93 ng/ml



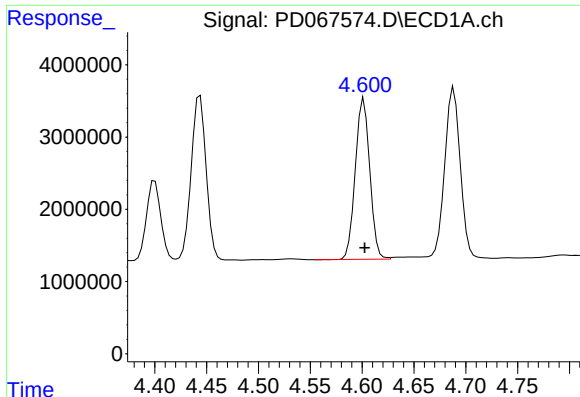
#6 beta-BHC

R.T.: 4.400 min
Delta R.T.: 0.000 min
Response: 10873639
Conc: 9.89 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 40525823
Conc: 10.39 ng/ml m



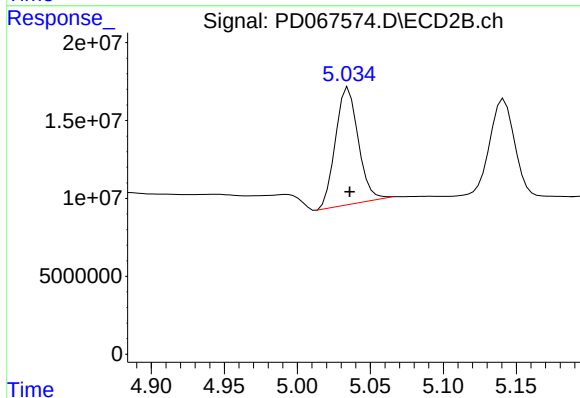
#7 delta-BHC

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 21664512
Conc: 8.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

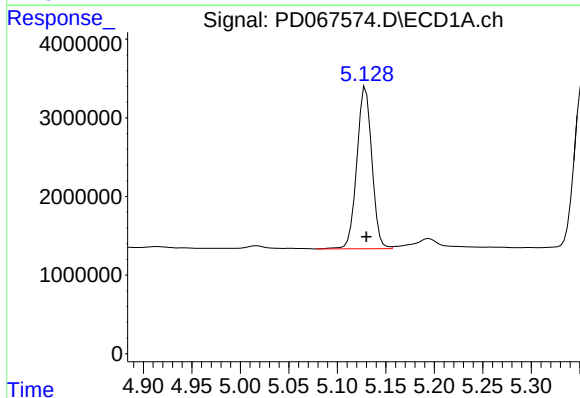
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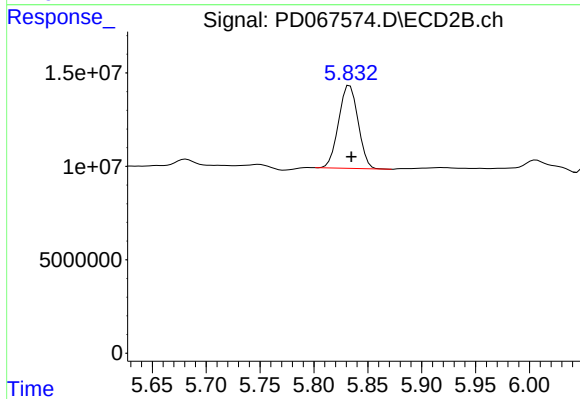
#7 delta-BHC

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 81179645
Conc: 10.83 ng/ml



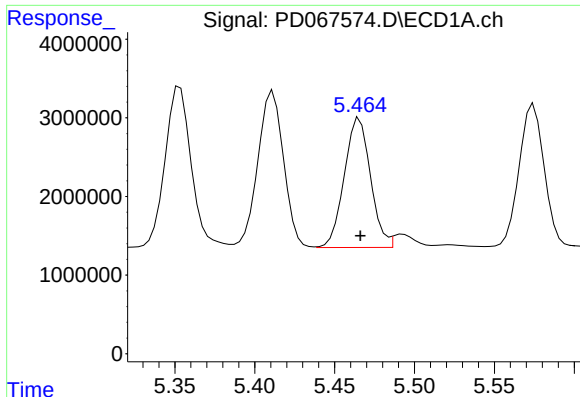
#8 Heptachlor epoxide

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 22211687
Conc: 9.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 55858685
Conc: 10.46 ng/ml



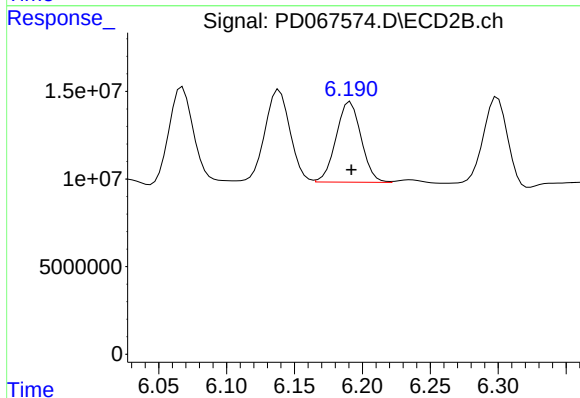
#9 Endosulfan I

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 18802826
Conc: 8.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

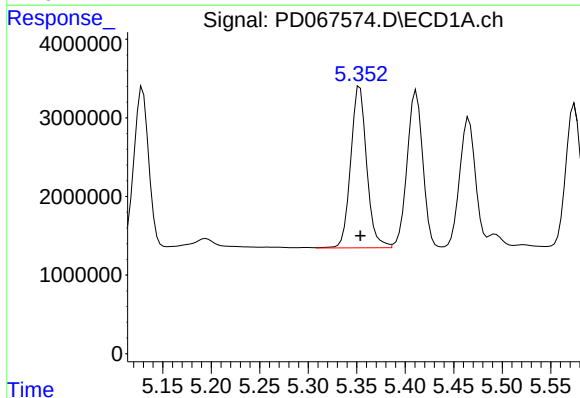
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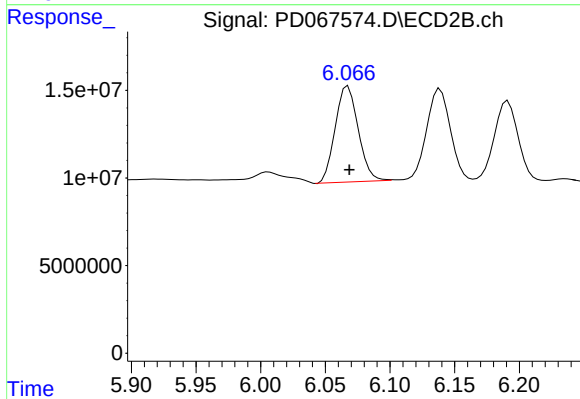
#9 Endosulfan I

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 58992442
Conc: 9.74 ng/ml



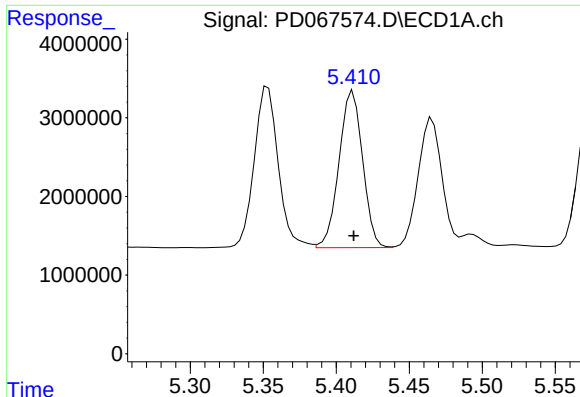
#10 gamma-Chlordane

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 23616036
Conc: 9.55 ng/ml



#10 gamma-Chlordane

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 67862272
Conc: 10.46 ng/ml m



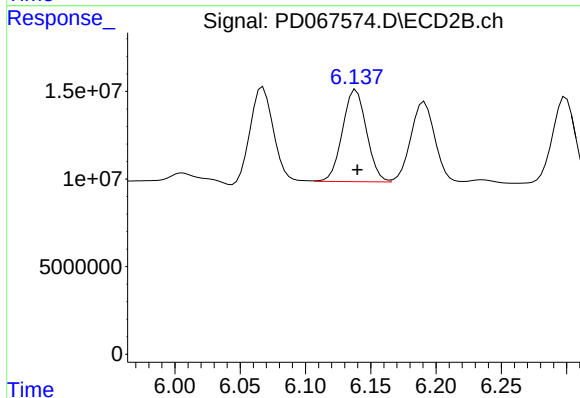
#11 alpha-Chlordane

R.T.: 5.411 min
Delta R.T.: 0.000 min
Response: 22424176
Conc: 9.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

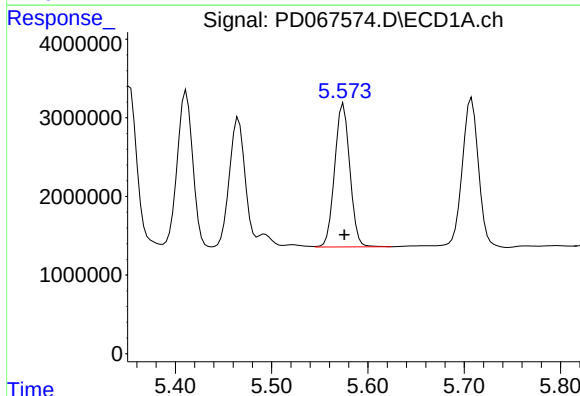
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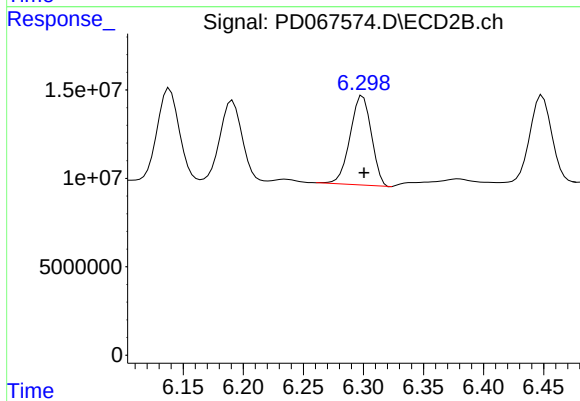
#11 alpha-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 67269929
Conc: 10.38 ng/ml



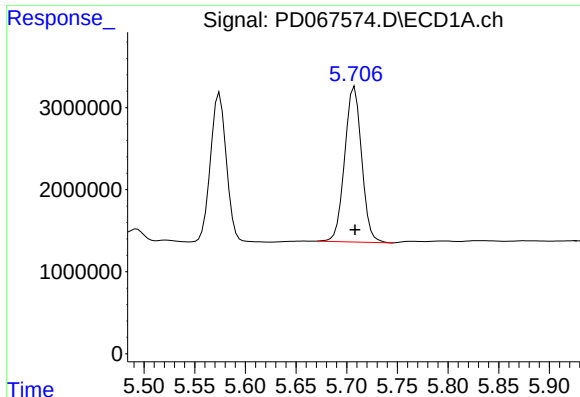
#12 4,4'-DDE

R.T.: 5.575 min
Delta R.T.: 0.000 min
Response: 19999833
Conc: 9.03 ng/ml



#12 4,4'-DDE

R.T.: 6.300 min
Delta R.T.: -0.001 min
Response: 62429110
Conc: 10.14 ng/ml



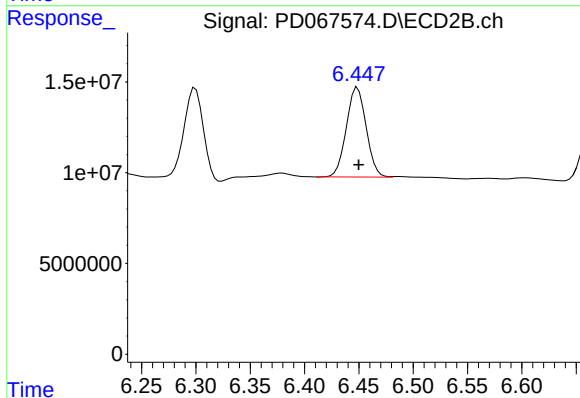
#13 Dieldrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 22017713
Conc: 9.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

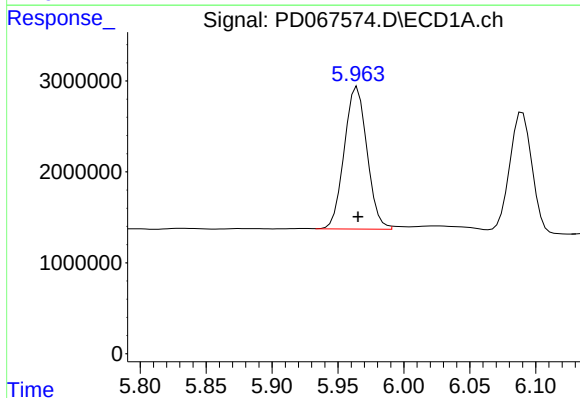
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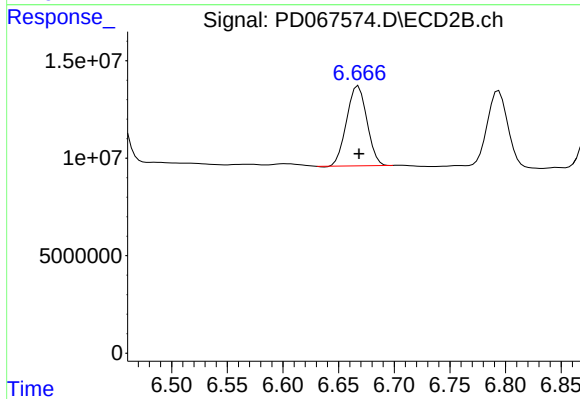
#13 Dieldrin

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 62771245
Conc: 9.45 ng/ml



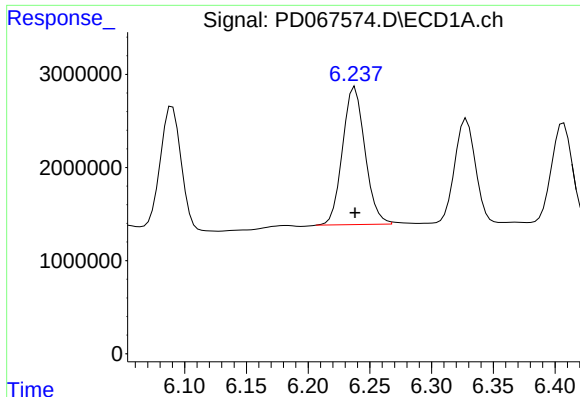
#14 Endrin

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 18855302
Conc: 8.98 ng/ml m



#14 Endrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 52053853
Conc: 9.39 ng/ml



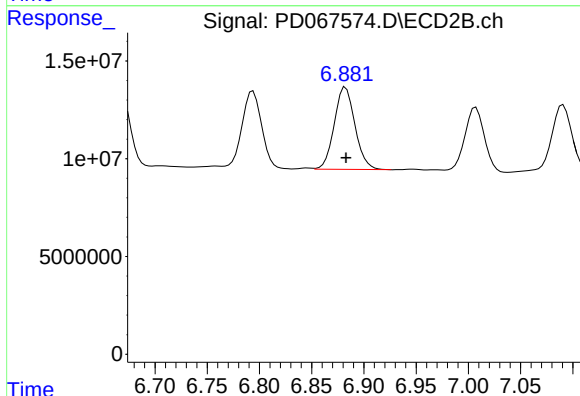
#15 Endosulfan II

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 18704315
Conc: 9.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

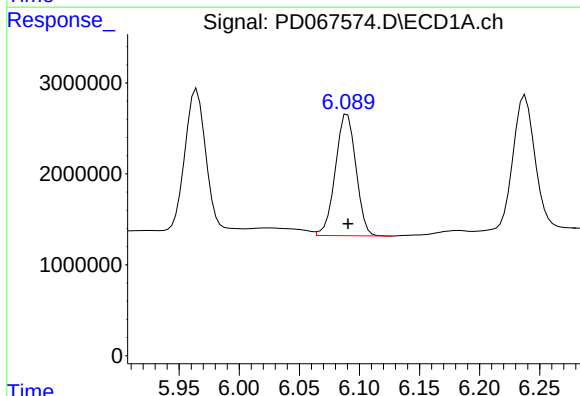
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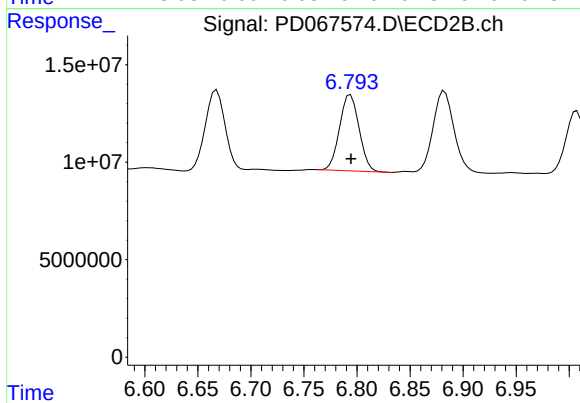
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 57811798
Conc: 9.73 ng/ml



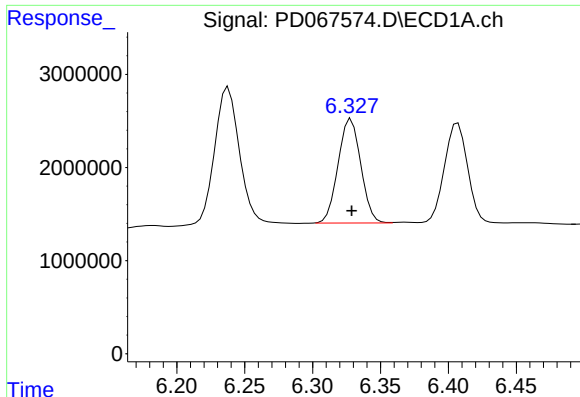
#16 4,4'-DDD

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 15986093
Conc: 9.31 ng/ml



#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 49979642
Conc: 9.98 ng/ml



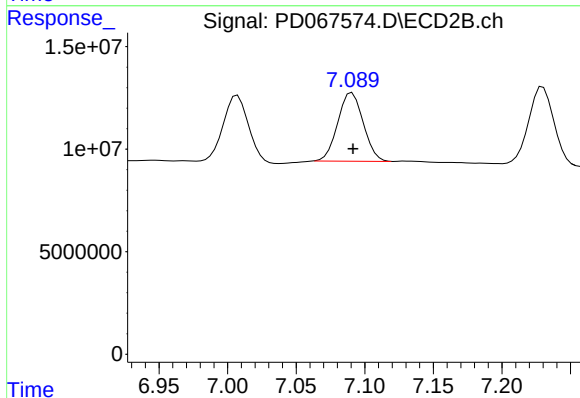
#17 4,4'-DDT

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 13023606
Conc: 7.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

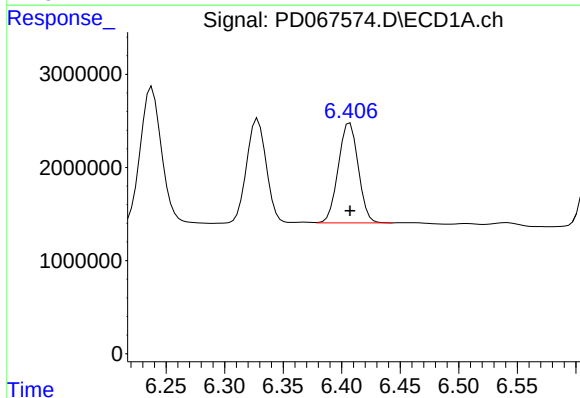
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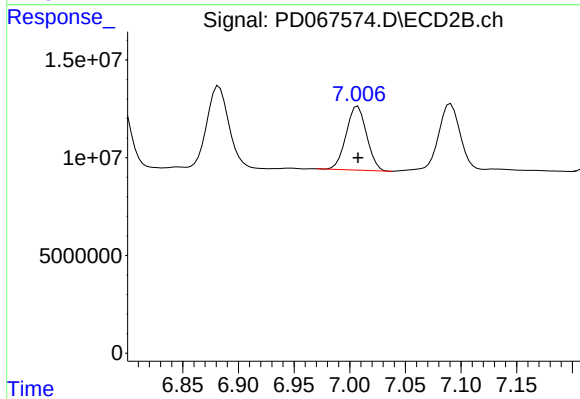
#17 4,4'-DDT

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 43216329
Conc: 8.08 ng/ml m



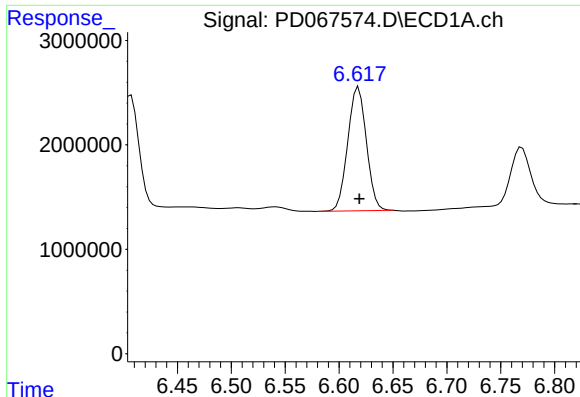
#18 Endrin aldehyde

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 12725415
Conc: 8.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 41880637
Conc: 9.28 ng/ml



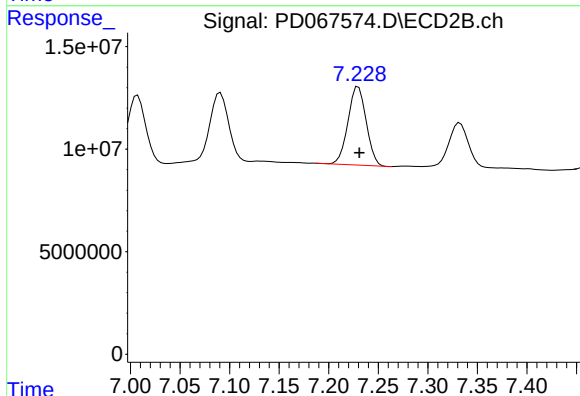
#19 Endosulfan Sulfate

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 14246985
Conc: 8.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

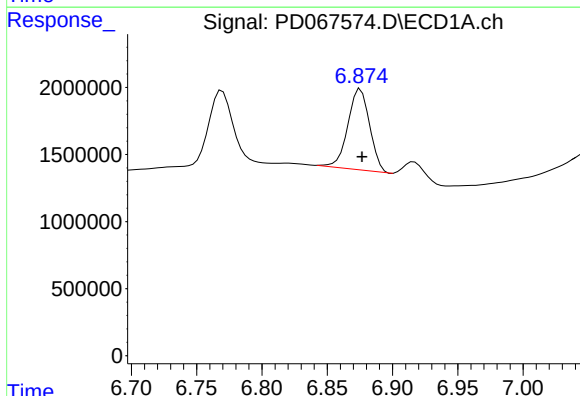
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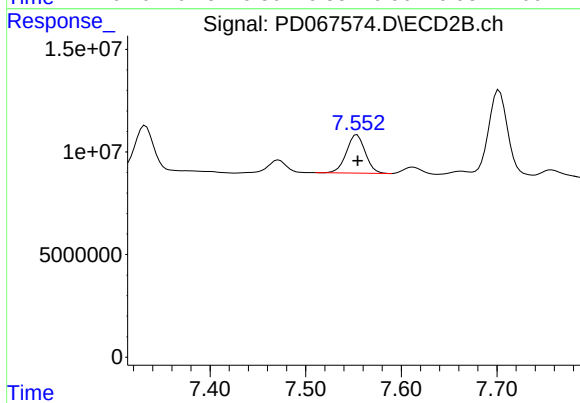
#19 Endosulfan Sulfate

R.T.: 7.230 min
Delta R.T.: -0.001 min
Response: 49218877
Conc: 9.01 ng/ml



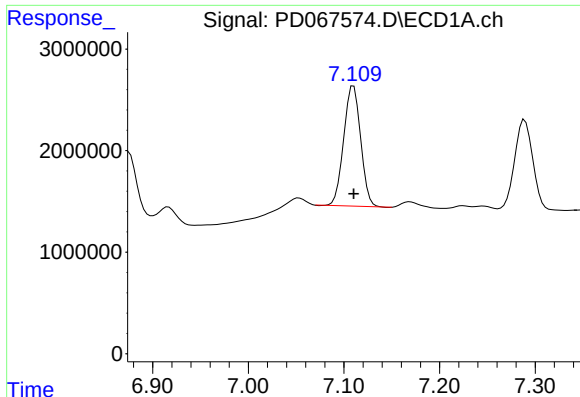
#20 Methoxychlor

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 7018722
Conc: 8.27 ng/ml



#20 Methoxychlor

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 25779631
Conc: 8.89 ng/ml



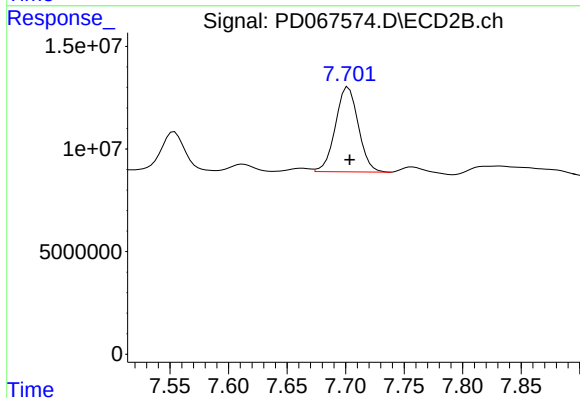
#21 Endrin ketone

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 14630992
Conc: 8.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

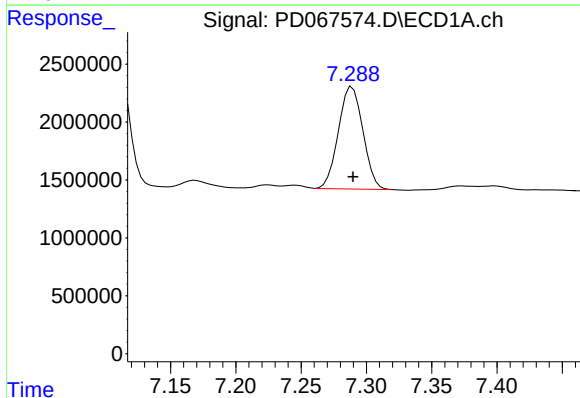
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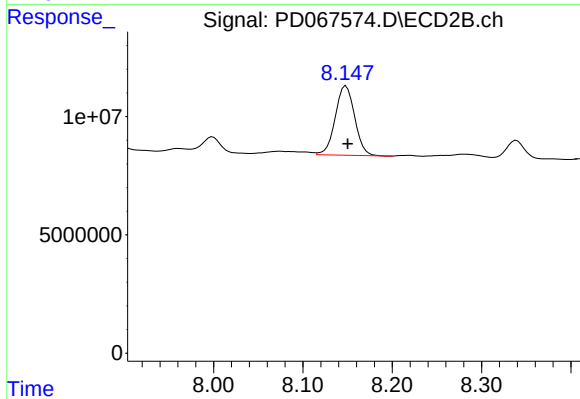
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 56195761
Conc: 8.96 ng/ml



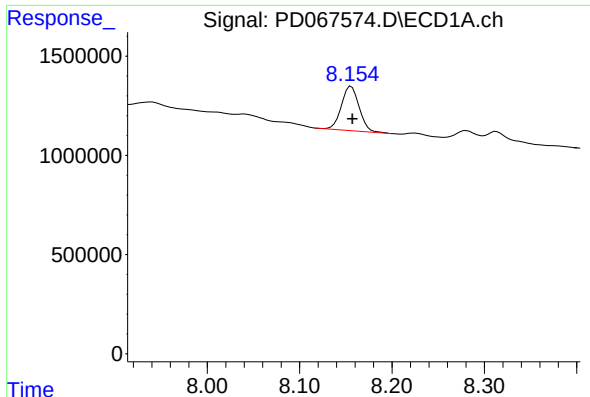
#22 Mirex

R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 11539466
Conc: 9.65 ng/ml m



#22 Mirex

R.T.: 8.148 min
Delta R.T.: -0.002 min
Response: 44044648
Conc: 10.14 ng/ml



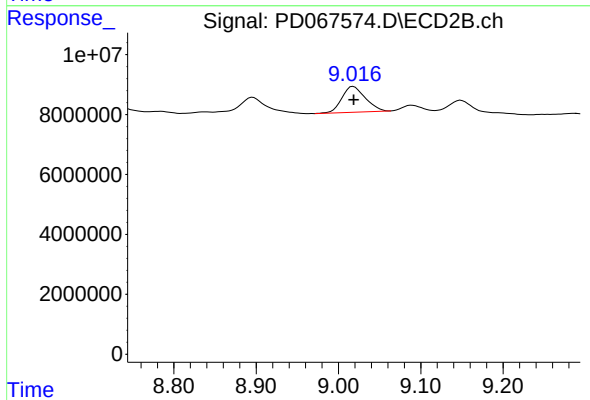
#28 Decachlorobiphenyl

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 2948584
Conc: 3.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/04/2022
Supervised By :mohammad ahmed 01/05/2022



#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: 0.000 min
Response: 17018757
Conc: 3.58 ng/ml