

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010322\
 Data File : PD067565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2022 13:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

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 00:35:48 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	39231305	156.6E6	21.588	23.736
28)	SA Decachlor...	8.157	9.017	17009932	93408811	19.149	19.654
Target Compounds							
2)	A alpha-BHC	3.870	4.357	28930289	109.0E6	10.031	11.750
3)	MA gamma-BHC...	4.151	4.642	27794581	98596212	10.450	11.699
6)	B beta-BHC	4.401	4.820	12932561	51688618	11.768	13.256
12)	B 4,4'-DDE	5.575	6.299	1320627	4384646	0.597m	0.712m
14)	MA Endrin	5.965	6.667	91957459	263.6E6	43.776	47.542
16)	A 4,4'-DDD	6.090	6.793	2441297	6729731	1.421	1.344m
17)	MA 4,4'-DDT	6.329	7.091	161.6E6	497.0E6	98.886	92.881
18)	B Endrin al...	6.406	7.007	4110379	10874955	2.705	2.411
20)	A Methoxychlor	6.876	7.553	162.7E6	551.0E6	191.708	189.916
21)	B Endrin ke...	7.109	7.701	8293461	22454189	4.846	3.578m#

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

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Acq On : 03 Jan 2022 13:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

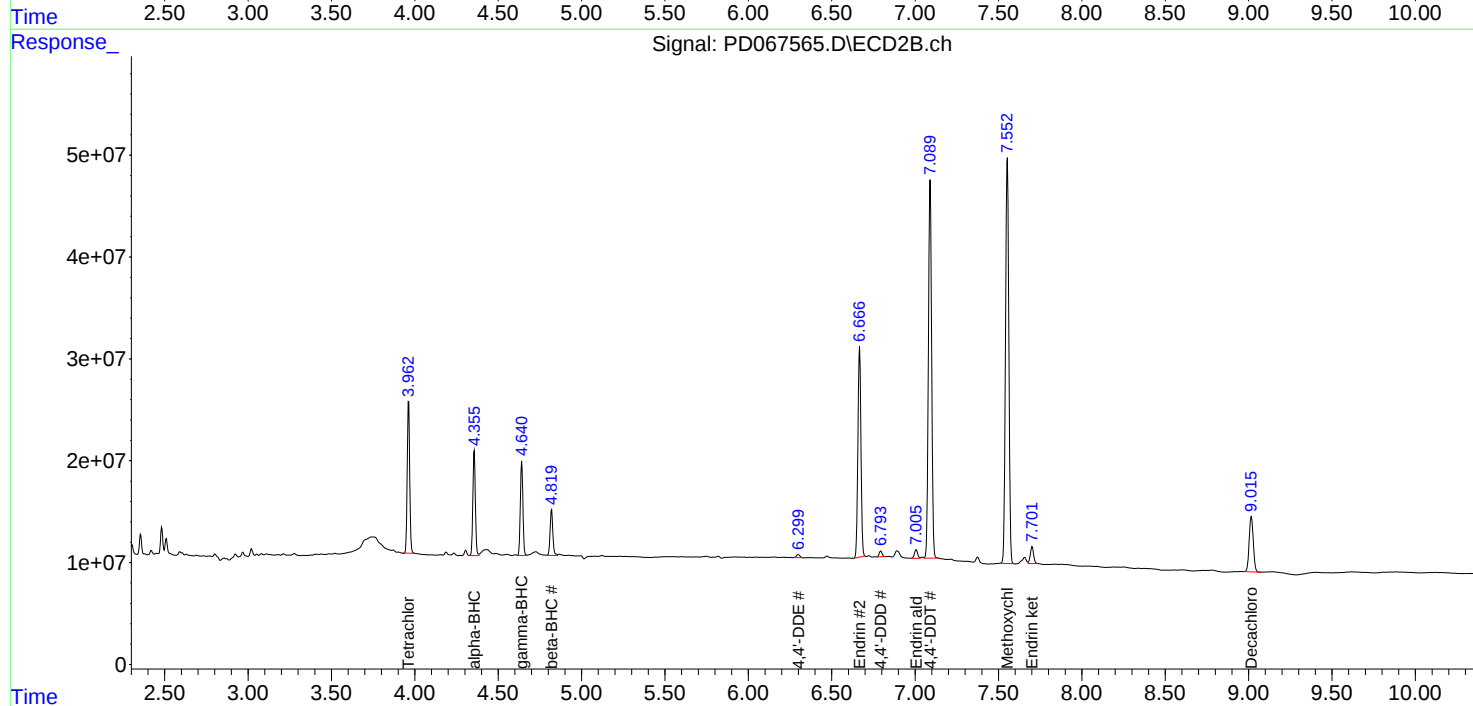
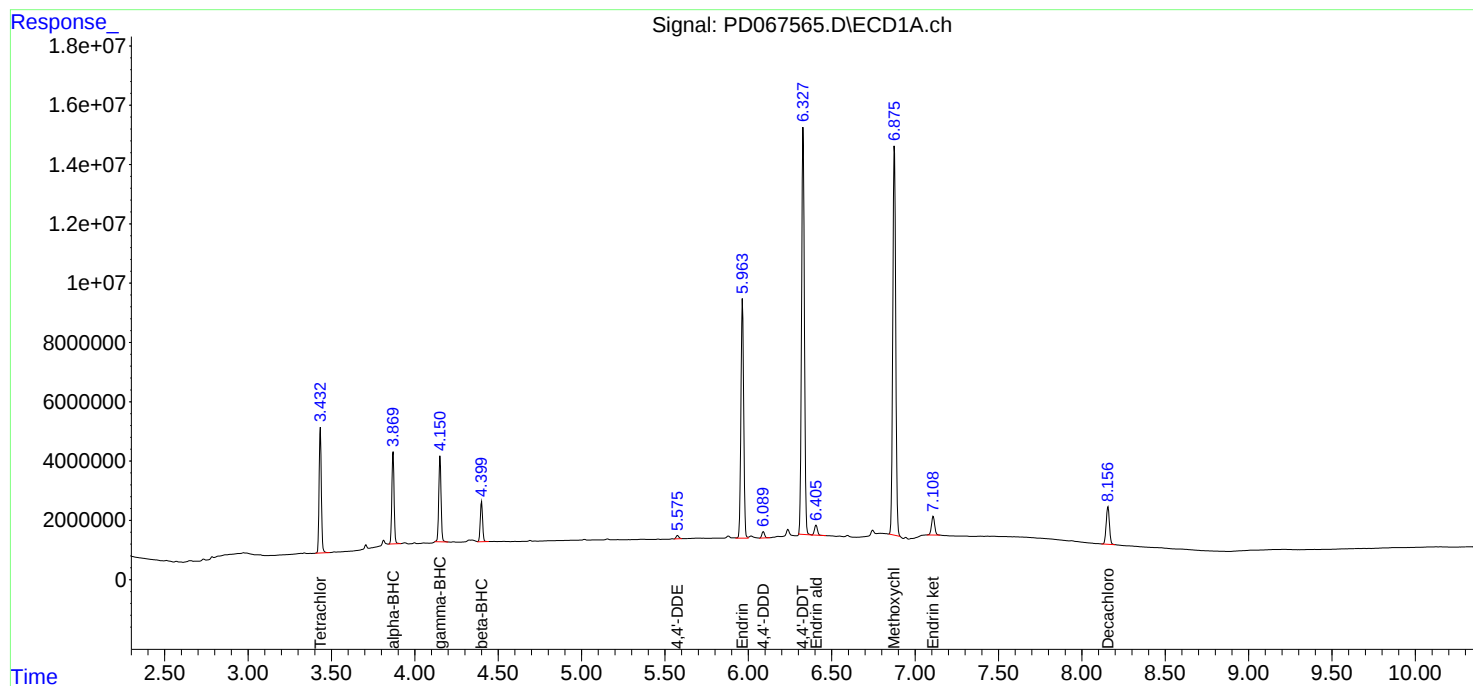
Instrument :
ECD_D
ClientSampleId :
PEM

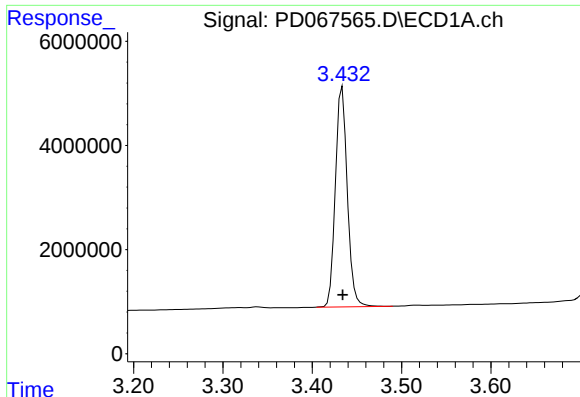
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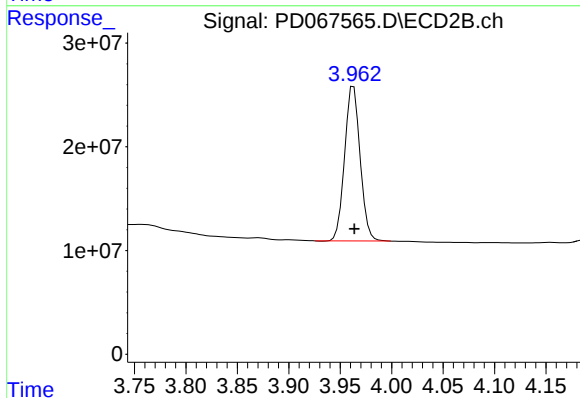
#1 Tetrachloro-m-xylene

R.T.: 3.434 min
Delta R.T.: 0.000 min
Response: 39231305
Conc: 21.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

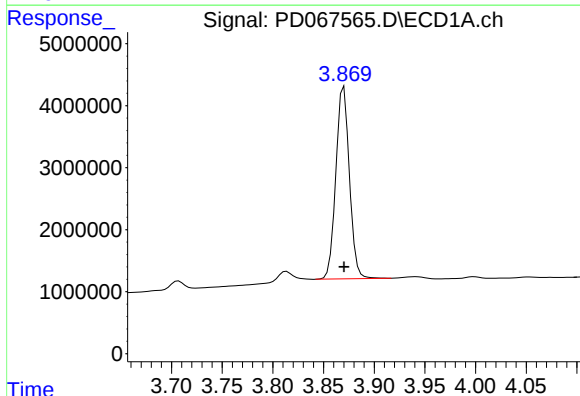
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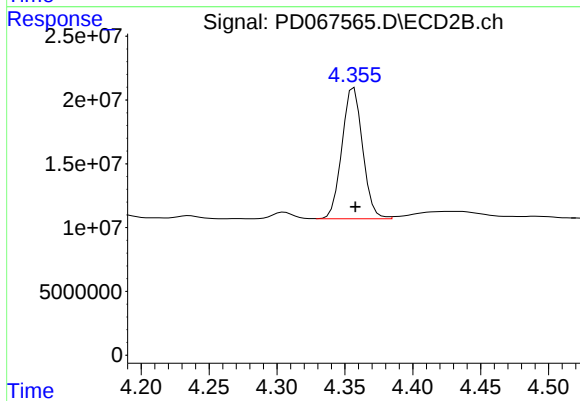
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 156618517
Conc: 23.74 ng/ml



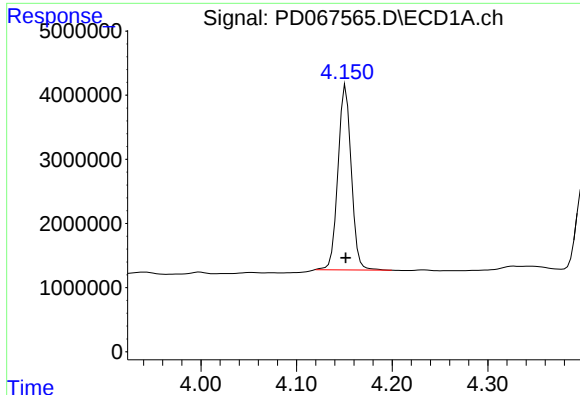
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.000 min
Response: 28930289
Conc: 10.03 ng/ml



#2 alpha-BHC

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 109021929
Conc: 11.75 ng/ml



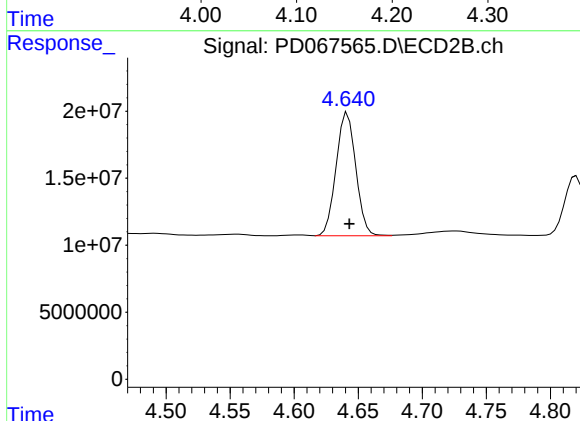
#3 gamma-BHC (Lindane)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 27794581
Conc: 10.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

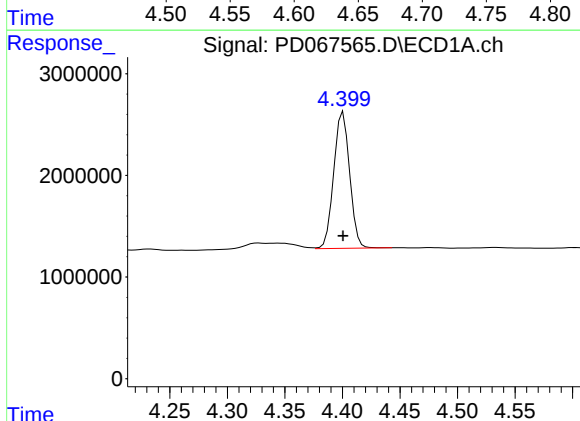
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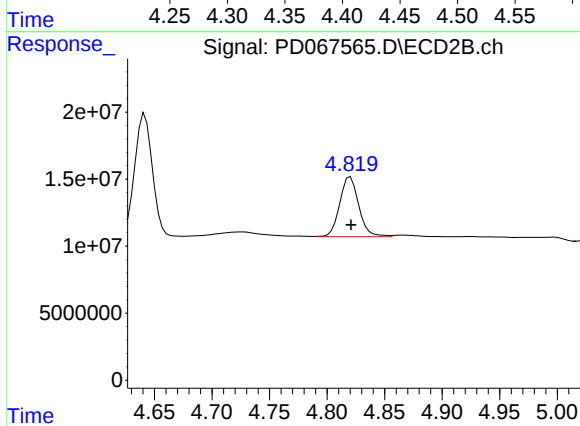
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 98596212
Conc: 11.70 ng/ml



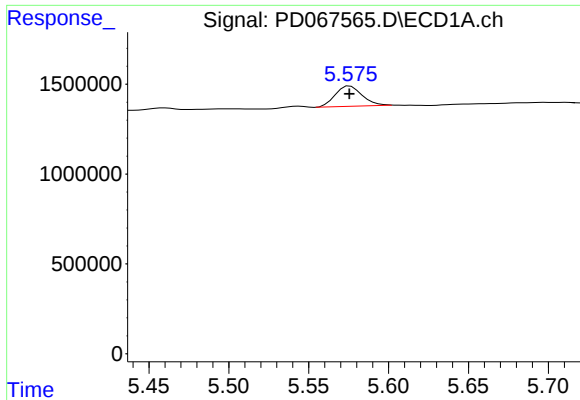
#6 beta-BHC

R.T.: 4.401 min
Delta R.T.: 0.000 min
Response: 12932561
Conc: 11.77 ng/ml



#6 beta-BHC

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 51688618
Conc: 13.26 ng/ml



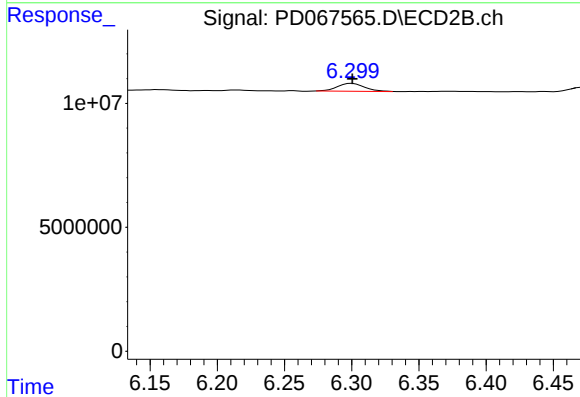
#12 4,4'-DDE

R.T.: 5.575 min
Delta R.T.: -0.001 min
Response: 1320627
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

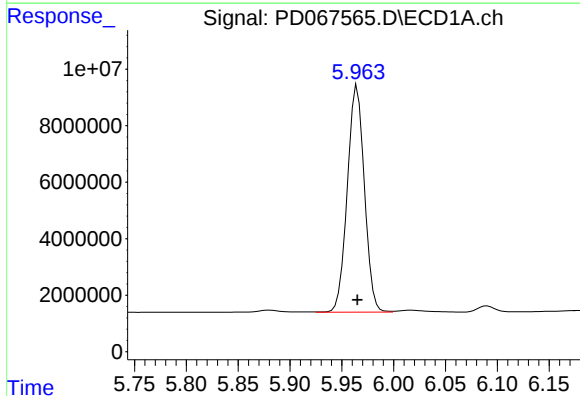
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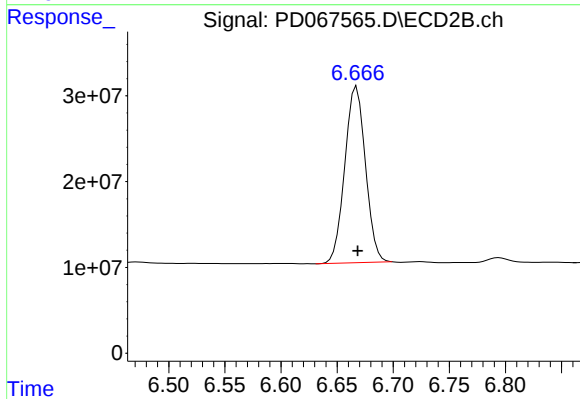
#12 4,4'-DDE

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 4384646
Conc: 0.71 ng/ml m



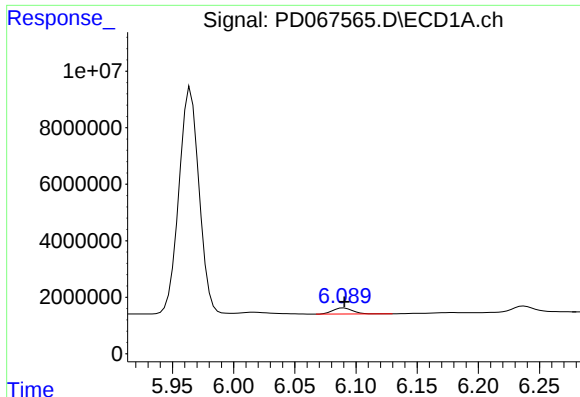
#14 Endrin

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 91957459
Conc: 43.78 ng/ml



#14 Endrin

R.T.: 6.667 min
Delta R.T.: -0.001 min
Response: 263562190
Conc: 47.54 ng/ml



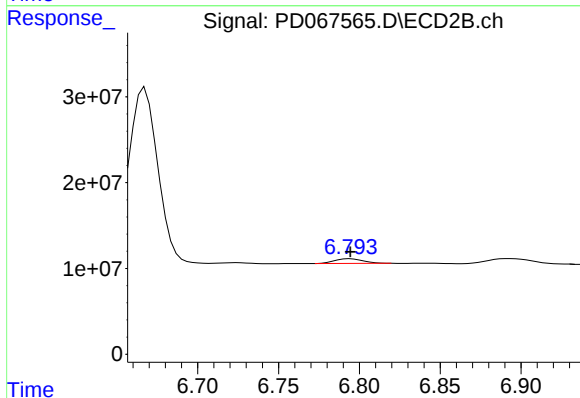
#16 4,4'-DDD

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 2441297
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

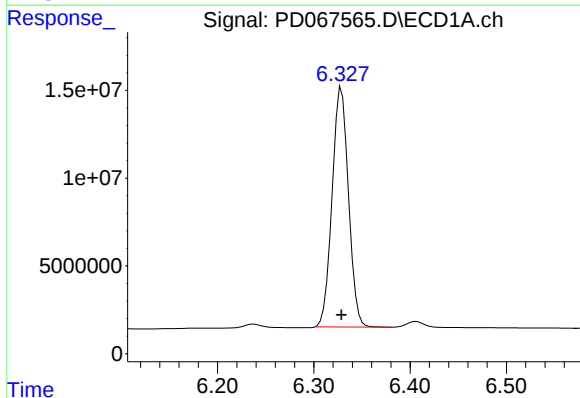
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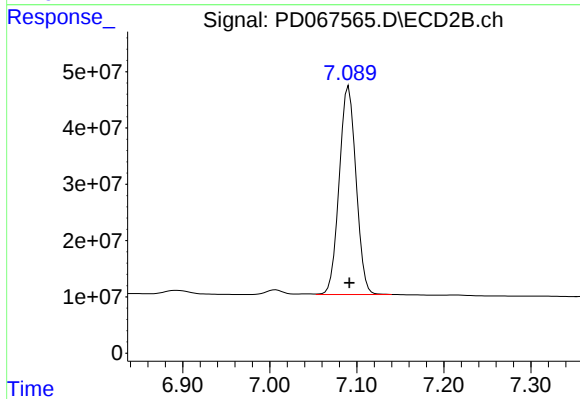
#16 4,4'-DDD

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 6729731
Conc: 1.34 ng/ml m



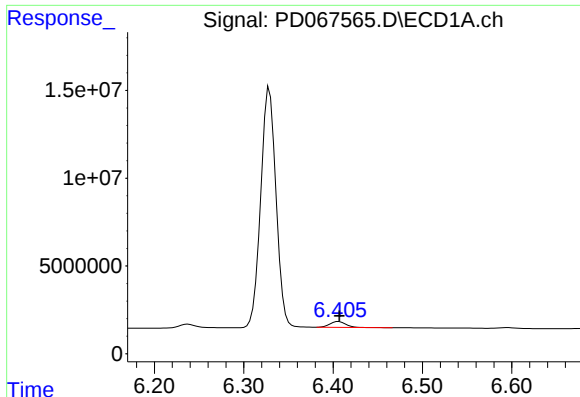
#17 4,4'-DDT

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 161580874
Conc: 98.89 ng/ml



#17 4,4'-DDT

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 496999916
Conc: 92.88 ng/ml



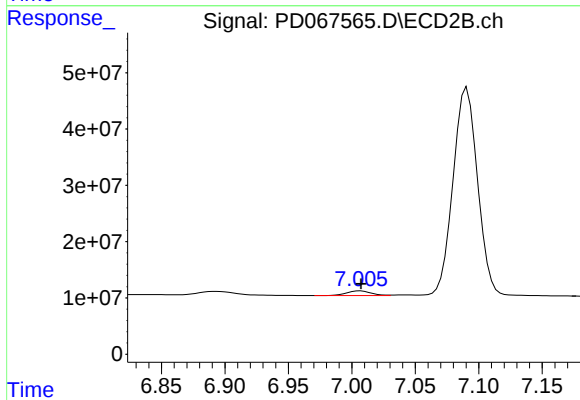
#18 Endrin aldehyde

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 4110379
Conc: 2.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

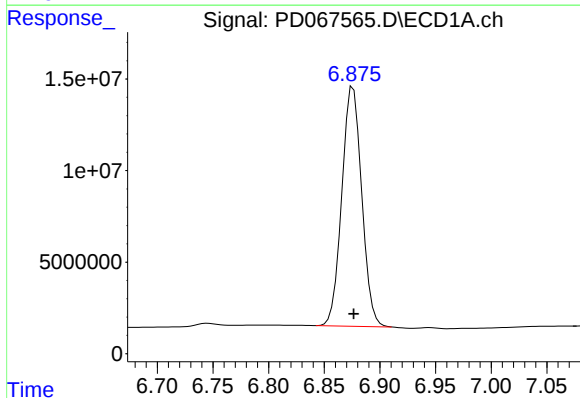
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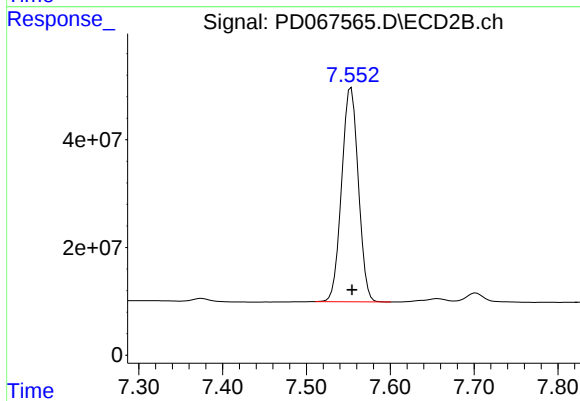
#18 Endrin aldehyde

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 10874955
Conc: 2.41 ng/ml



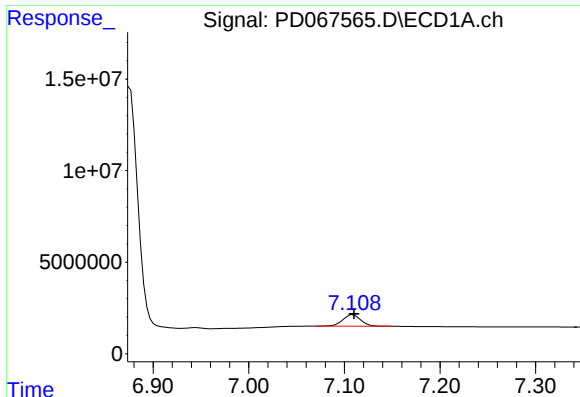
#20 Methoxychlor

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 162737301
Conc: 191.71 ng/ml



#20 Methoxychlor

R.T.: 7.553 min
Delta R.T.: -0.001 min
Response: 551030282
Conc: 189.92 ng/ml



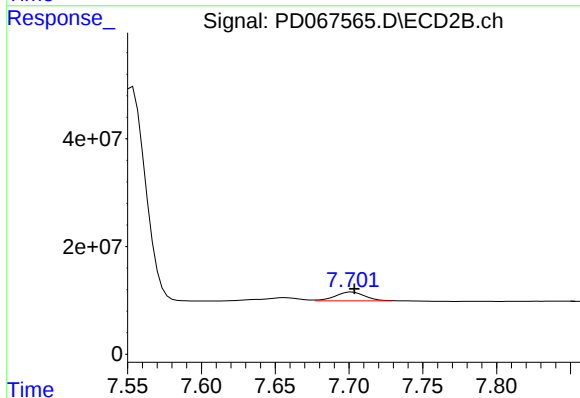
#21 Endrin ketone

R.T.: 7.109 min
Delta R.T.: -0.001 min
Response: 8293461
Conc: 4.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

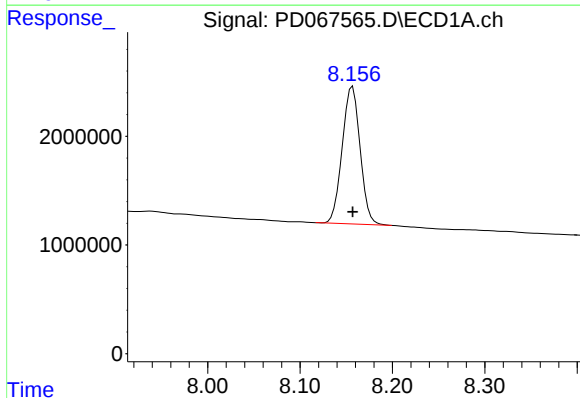
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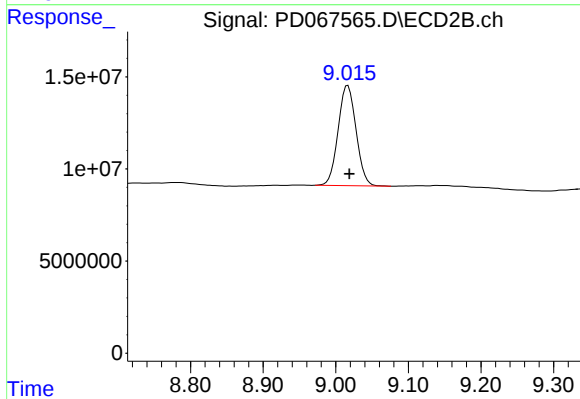
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.003 min
Response: 22454189
Conc: 3.58 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 17009932
Conc: 19.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.002 min
Response: 93408811
Conc: 19.65 ng/ml