

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082019\
 Data File : PD054331.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Aug 2019 10:05
 Operator : SG\AJ
 Sample : K4350-09MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SS-18_081519MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 16:23:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081519.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 16 08:45:34 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.312	3.982	13646548	20379681	22.701	24.142
28)	SA Decachlor...	8.006	9.025	13567490	18617952	21.156	21.440
Target Compounds							
2)	A alpha-BHC	3.740	4.369	60095869	81736302	66.723m	67.304
3)	MA gamma-BHC...	4.018	4.651	58228876	79311683	66.638	66.934
4)	MA Heptachlor	4.306	5.159	54159708	82481689	68.677	70.363
5)	MB Aldrin	4.546	5.463	59269460	83770516	70.272	71.008
6)	B beta-BHC	4.267	4.819	24004831	36048271	62.858	62.935
7)	B delta-BHC	4.464	5.035	46789163	65498851	50.955	50.750
8)	B Heptachlo...	4.984	5.847	53684019	77649729	66.621	66.150
9)	A Endosulfan I	5.317	6.201	50530638	72616494	64.239	64.141
10)	B gamma-Chl...	5.208	6.080	55443255	80763598	64.424	63.889
11)	B alpha-Chl...	5.265	6.152	54561186	79614582	64.052	63.314
12)	B 4,4'-DDE	5.434	6.308	45688159	69160364	65.667	65.161
13)	MA Dieldrin	5.557	6.458	55203723	79595020	64.433	64.830
14)	MA Endrin	5.811	6.674	49265564	62952996	61.433	61.296
15)	B Endosulfa...	6.085	6.881	46043709	66523901	60.261	59.239
16)	A 4,4'-DDD	5.946	6.795	29760150	49363267	65.056	63.955
17)	MA 4,4'-DDT	6.182	7.093	34027134	53662837	67.821	65.953
18)	B Endrin al...	6.254	7.005	36375333	53911391	58.246	58.807
19)	B Endosulfa...	6.465	7.227	42066956	60728589	60.555	60.817
20)	A Methoxychlor	6.732	7.550	13751209	25038924	64.305	63.535
21)	B Endrin ke...	6.951	7.696	48949000	67738903	63.357	61.019
22)	Mirex	7.128	8.151	38933618	52392274	57.793	57.751

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082019\
Data File : PD054331.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Aug 2019 10:05
Operator : SG\AJ
Sample : K4350-09MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

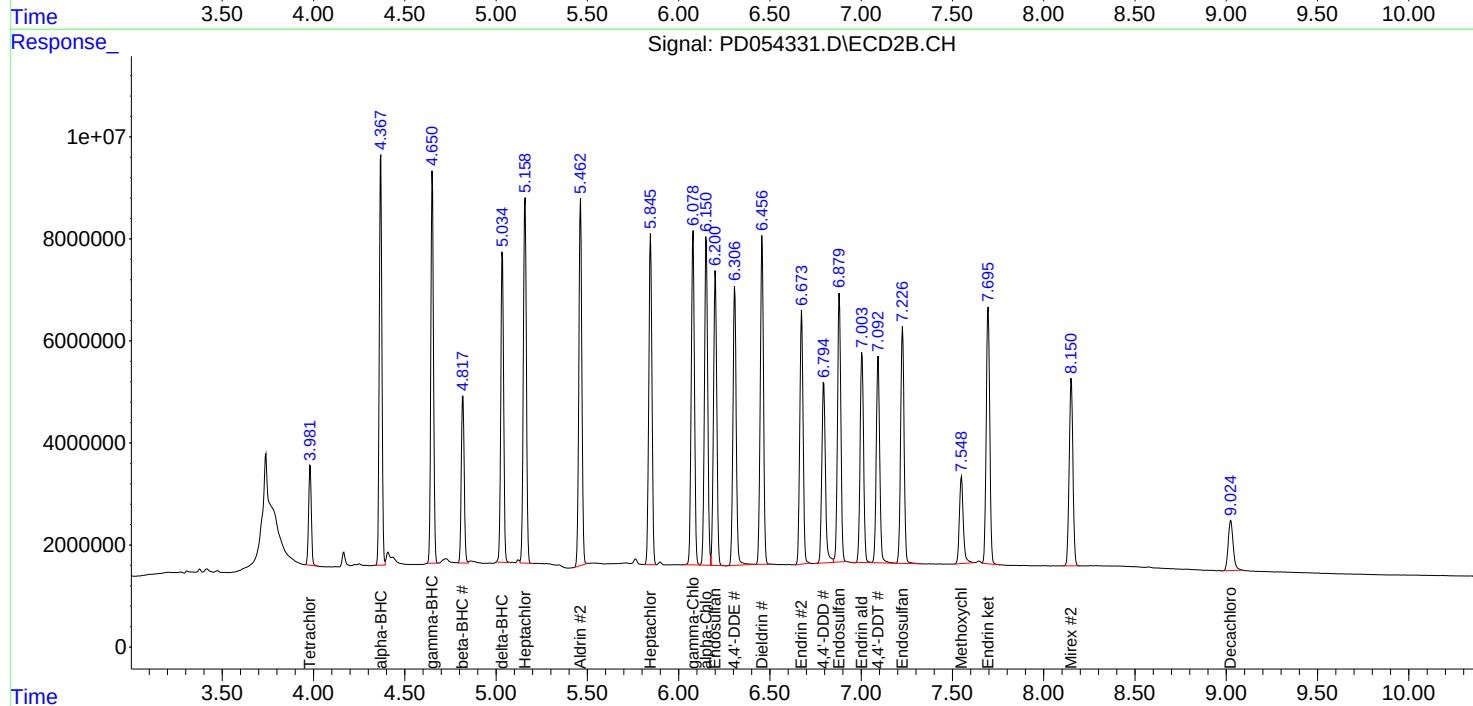
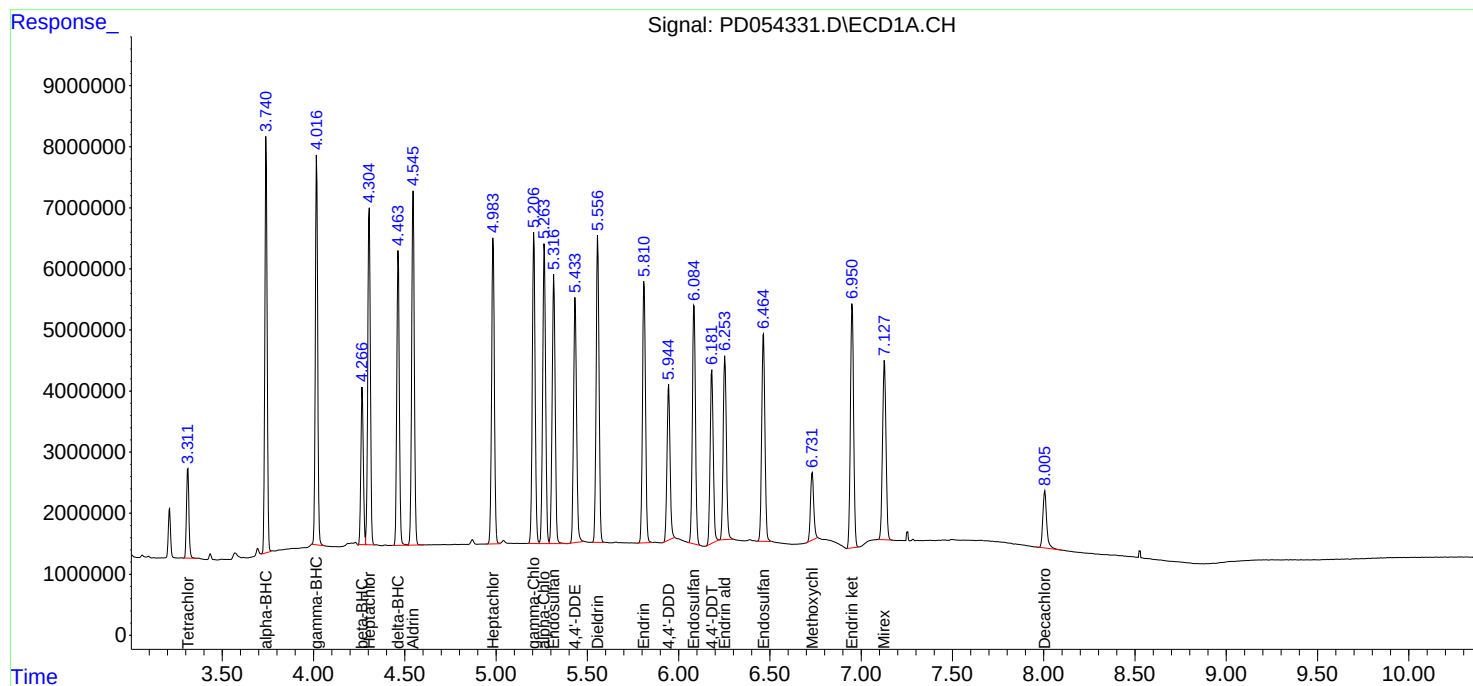
Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

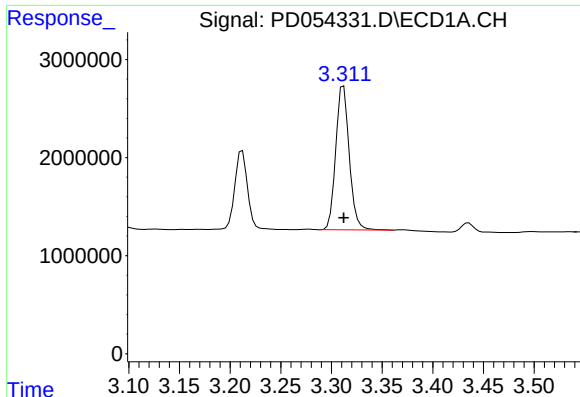
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 16:23:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081519.M
Quant Title : GC Extractables
QLast Update : Fri Aug 16 08:45:34 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





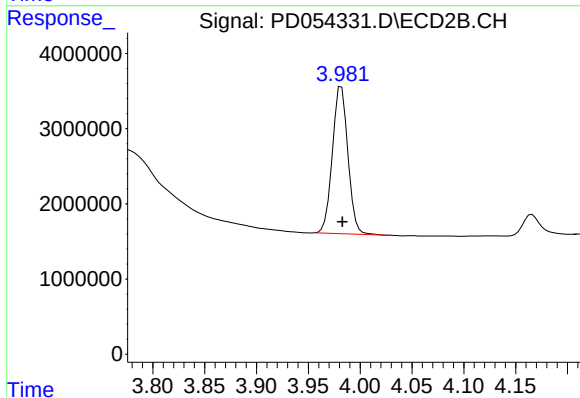
#1 Tetrachloro-m-xylene

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 13646548
Conc: 22.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

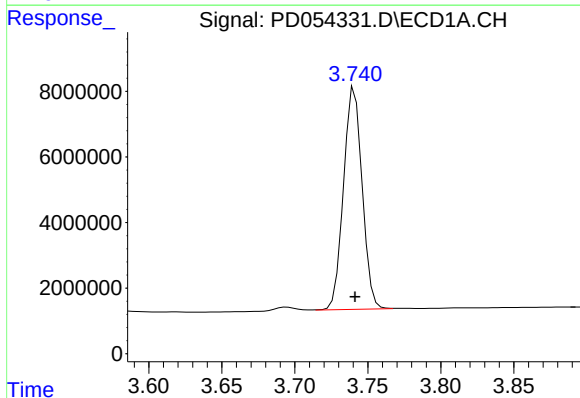
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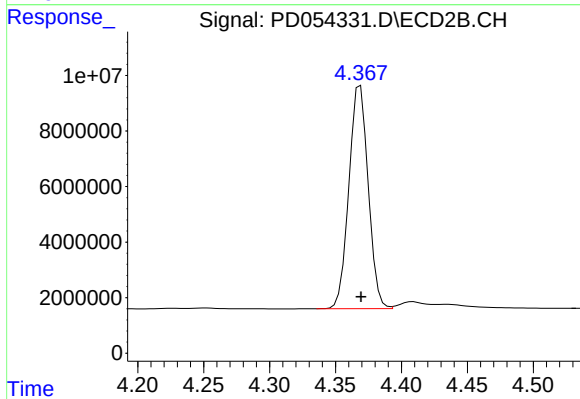
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 20379681
Conc: 24.14 ng/ml



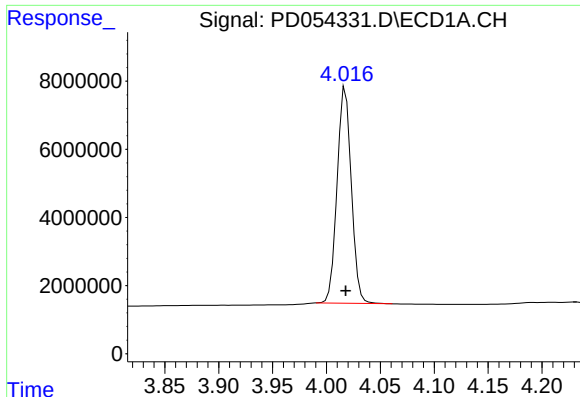
#2 alpha-BHC

R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 60095869
Conc: 66.72 ng/ml m



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 81736302
Conc: 67.30 ng/ml



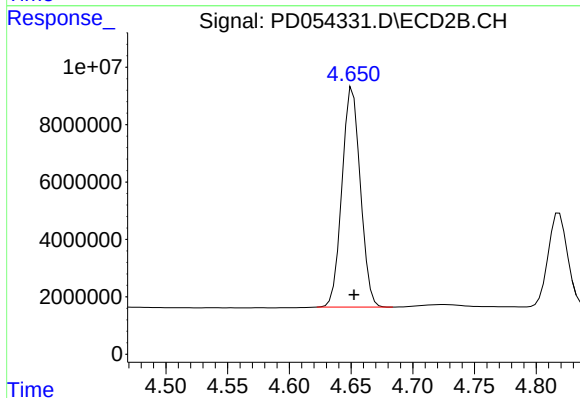
#3 gamma-BHC (Lindane)

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 58228876
Conc: 66.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

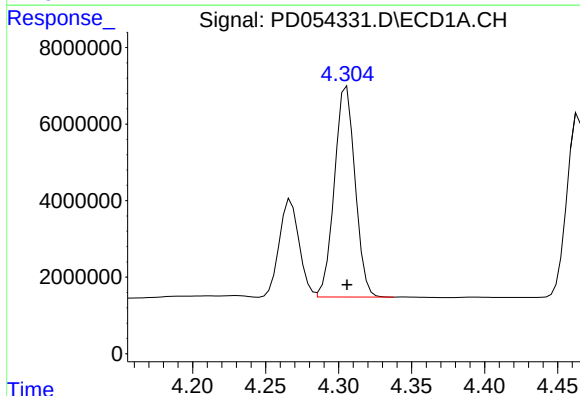
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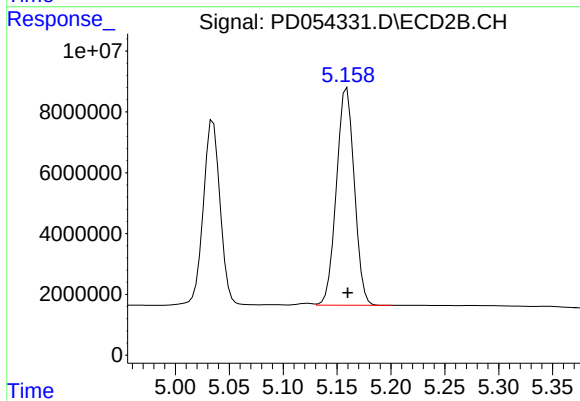
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 79311683
Conc: 66.93 ng/ml



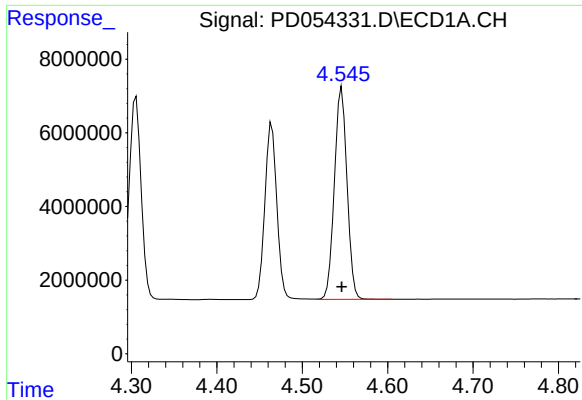
#4 Heptachlor

R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 54159708
Conc: 68.68 ng/ml



#4 Heptachlor

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 82481689
Conc: 70.36 ng/ml



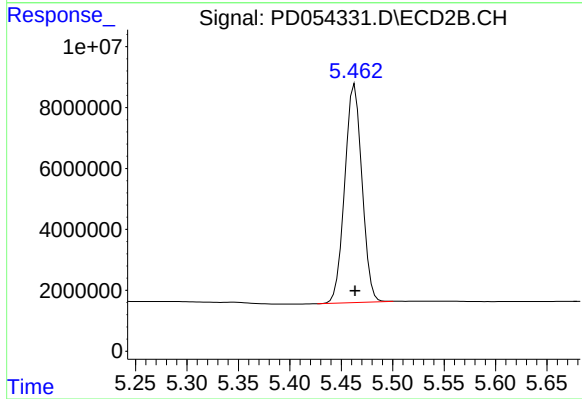
#5 Aldrin

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 59269460
Conc: 70.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

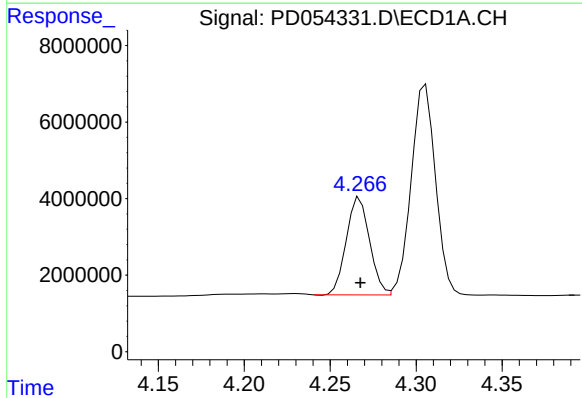
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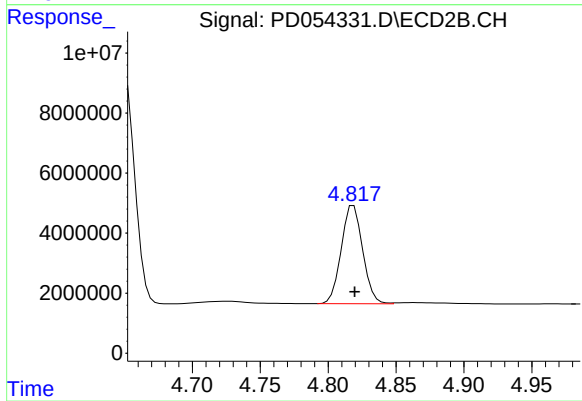
#5 Aldrin

R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 83770516
Conc: 71.01 ng/ml



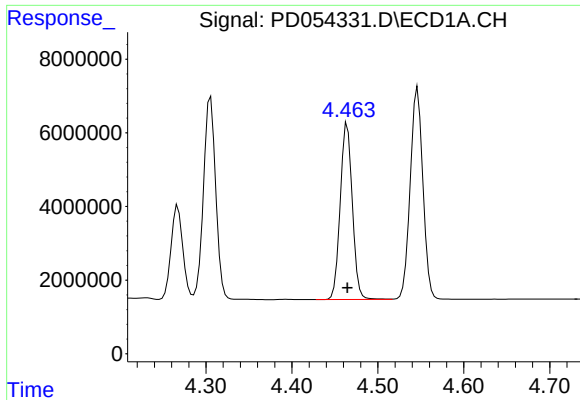
#6 beta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 24004831
Conc: 62.86 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 36048271
Conc: 62.94 ng/ml



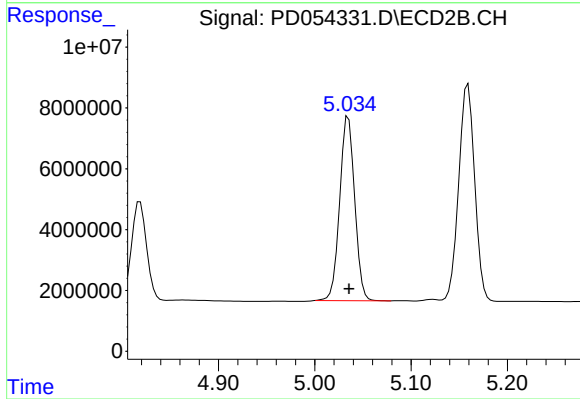
#7 delta-BHC

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 46789163
Conc: 50.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

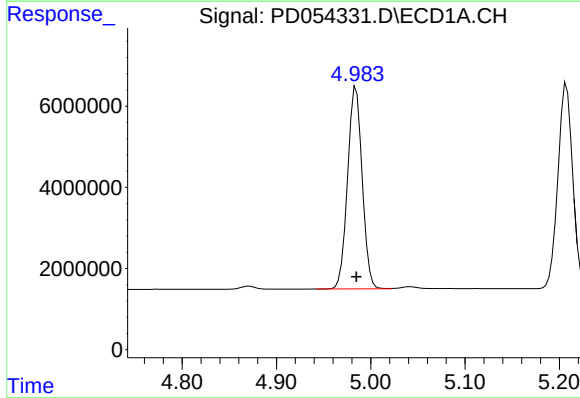
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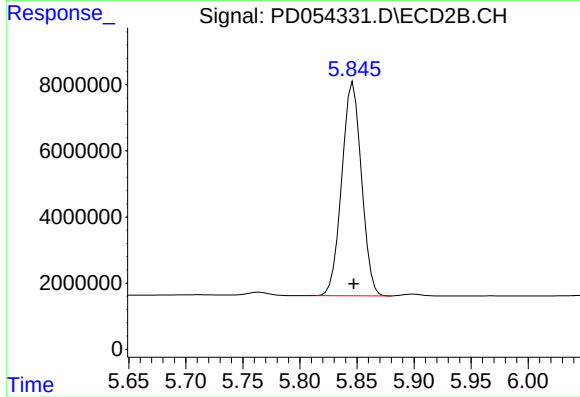
#7 delta-BHC

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 65498851
Conc: 50.75 ng/ml



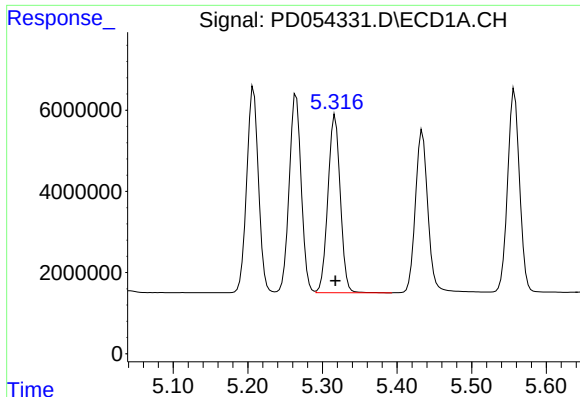
#8 Heptachlor epoxide

R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 53684019
Conc: 66.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 77649729
Conc: 66.15 ng/ml



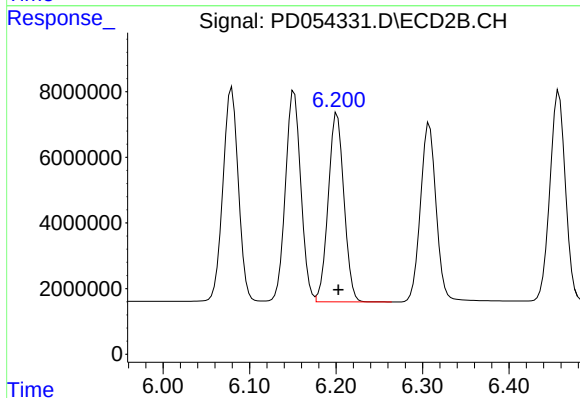
#9 Endosulfan I

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 50530638
Conc: 64.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

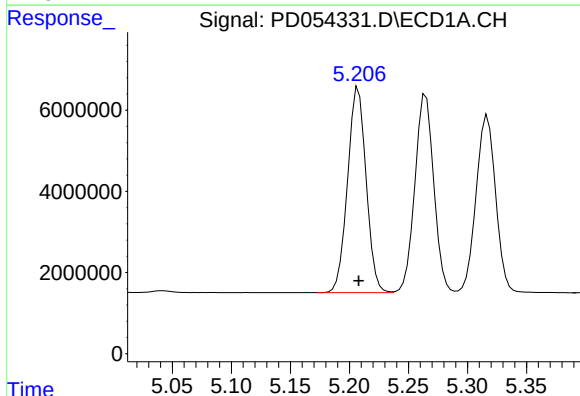
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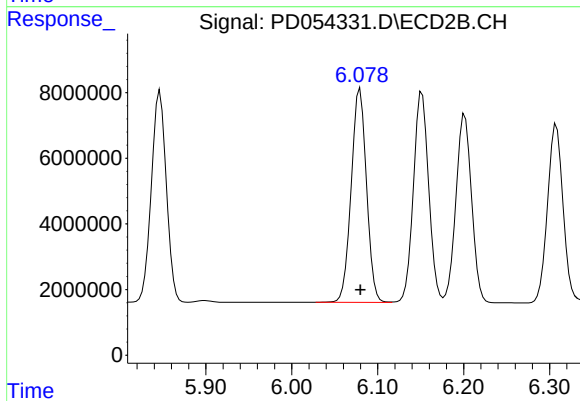
#9 Endosulfan I

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 72616494
Conc: 64.14 ng/ml



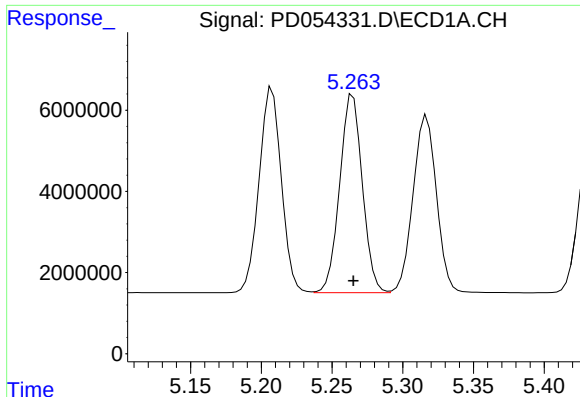
#10 gamma-Chlordane

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 55443255
Conc: 64.42 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 80763598
Conc: 63.89 ng/ml



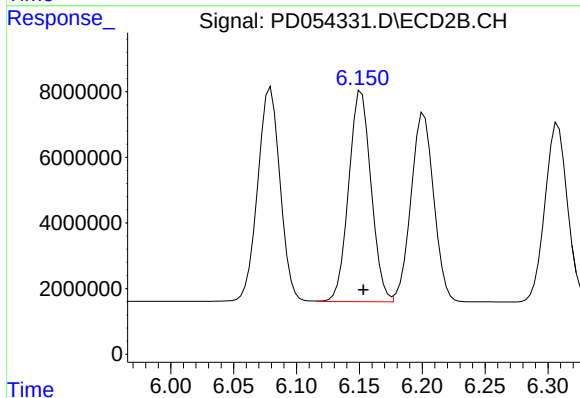
#11 alpha-Chlordane

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 54561186
Conc: 64.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

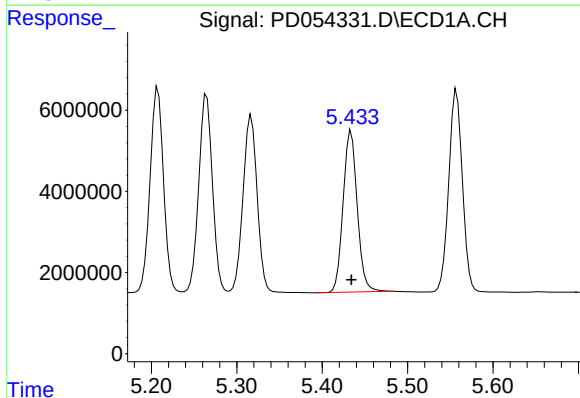
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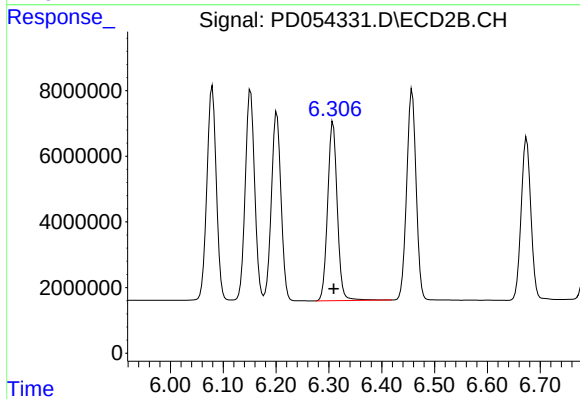
#11 alpha-Chlordane

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 79614582
Conc: 63.31 ng/ml



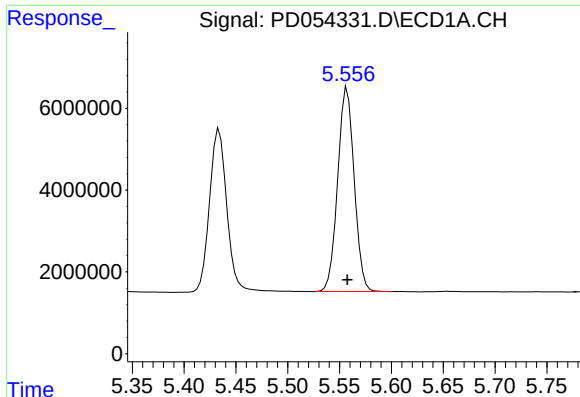
#12 4,4'-DDE

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 45688159
Conc: 65.67 ng/ml



#12 4,4'-DDE

R.T.: 6.308 min
Delta R.T.: -0.001 min
Response: 69160364
Conc: 65.16 ng/ml



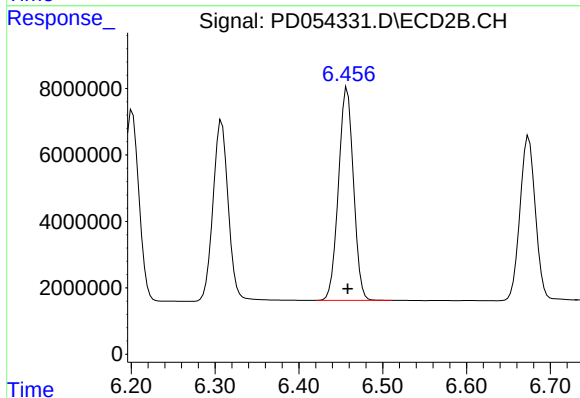
#13 Dieldrin

R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 55203723
Conc: 64.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

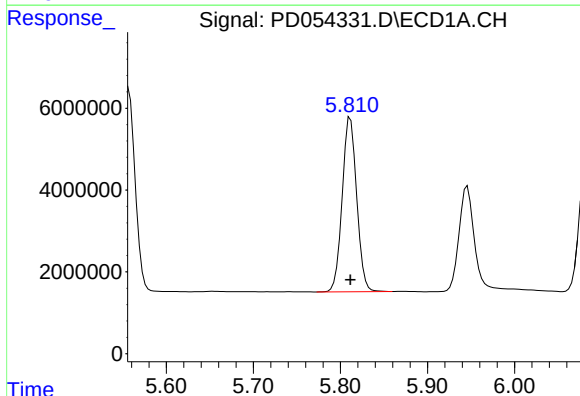
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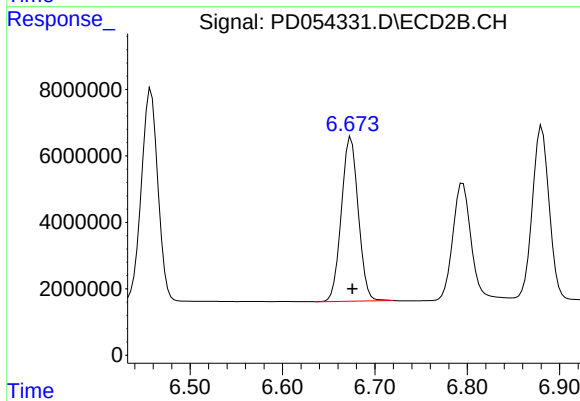
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 79595020
Conc: 64.83 ng/ml



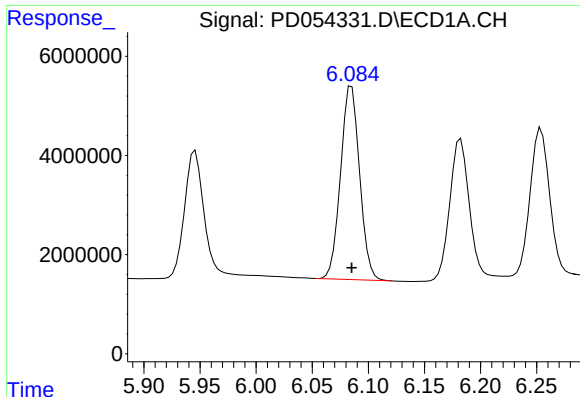
#14 Endrin

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 49265564
Conc: 61.43 ng/ml



#14 Endrin

R.T.: 6.674 min
Delta R.T.: -0.001 min
Response: 62952996
Conc: 61.30 ng/ml



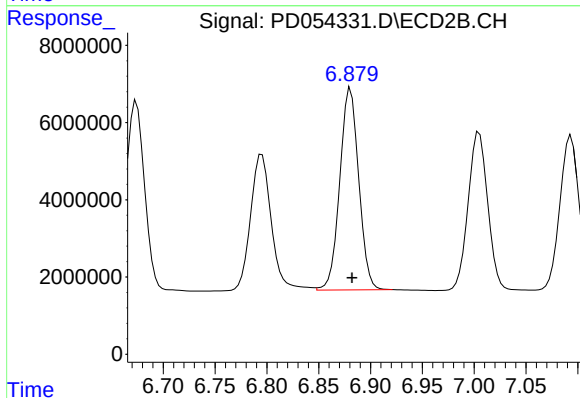
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 46043709
Conc: 60.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

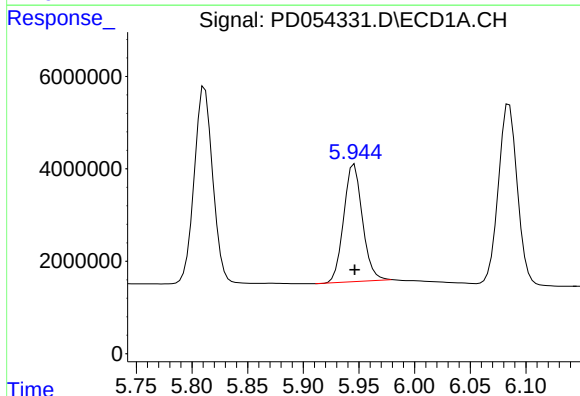
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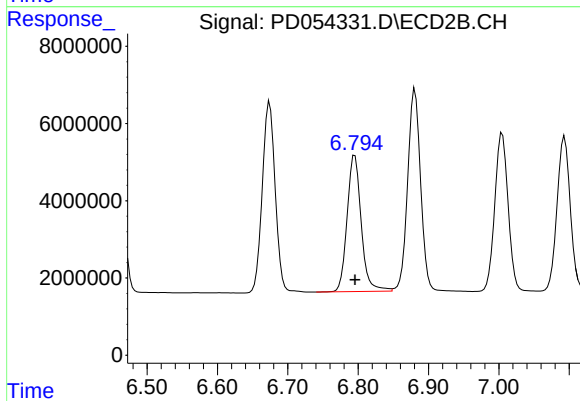
#15 Endosulfan II

R.T.: 6.881 min
Delta R.T.: -0.001 min
Response: 66523901
Conc: 59.24 ng/ml



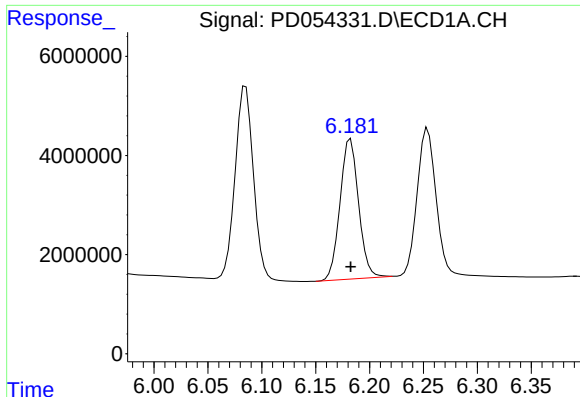
#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 29760150
Conc: 65.06 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 49363267
Conc: 63.95 ng/ml



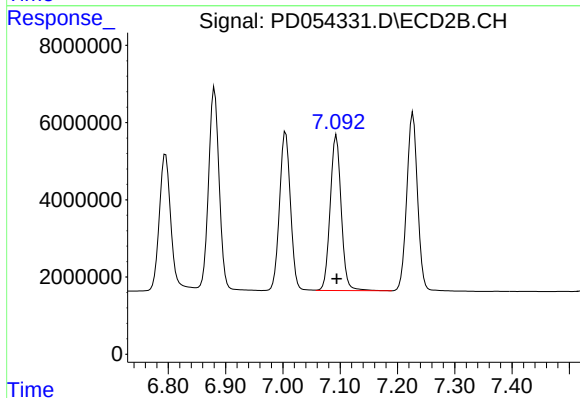
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 34027134
Conc: 67.82 ng/ml

Instrument :
ECD_D
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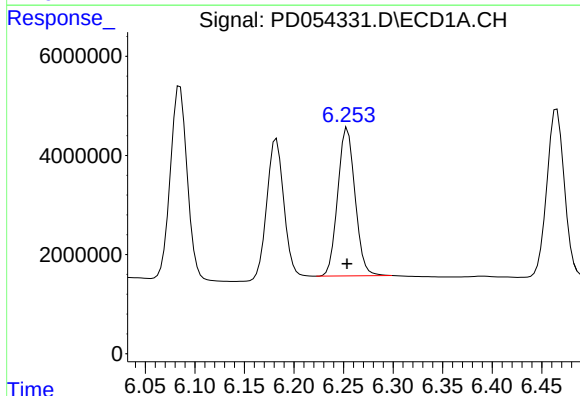
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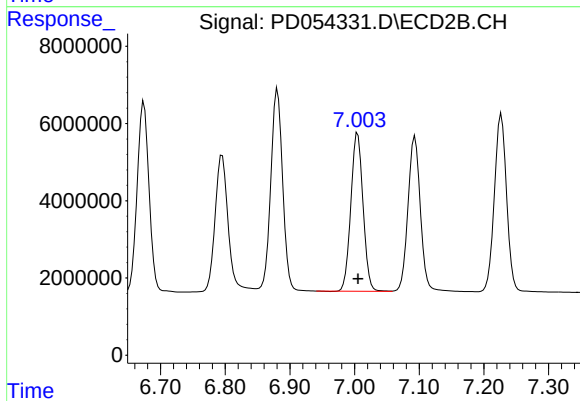
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 53662837
Conc: 65.95 ng/ml



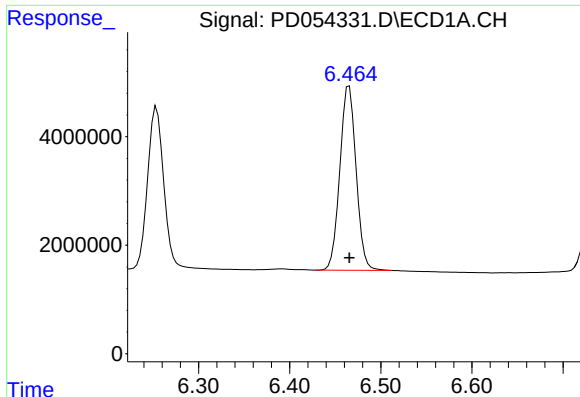
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 36375333
Conc: 58.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 53911391
Conc: 58.81 ng/ml



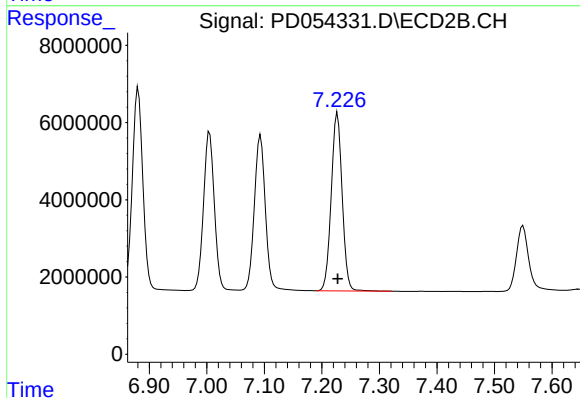
#19 Endosulfan Sulfate

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 42066956
Conc: 60.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

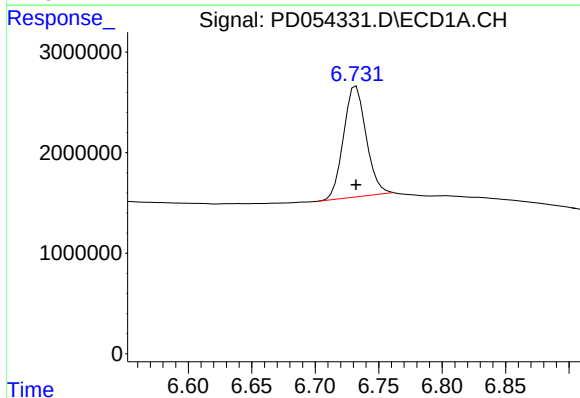
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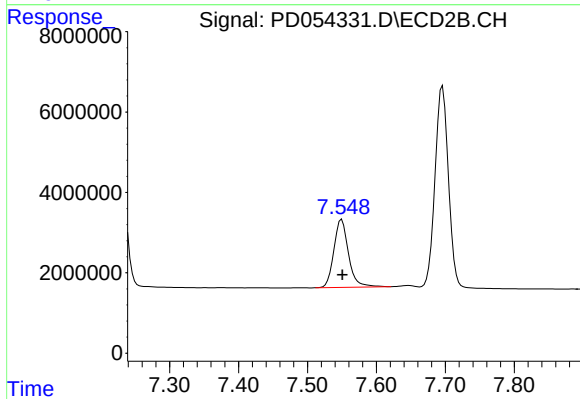
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 60728589
Conc: 60.82 ng/ml



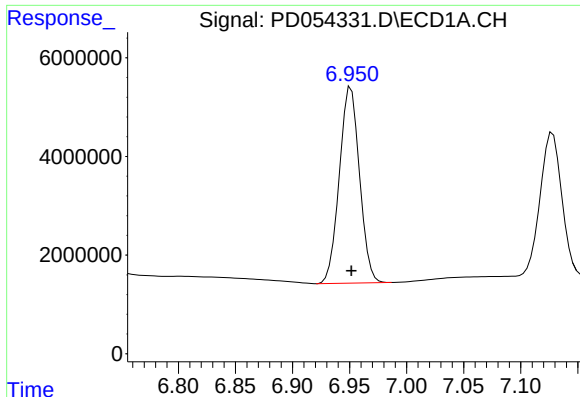
#20 Methoxychlor

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 13751209
Conc: 64.30 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: -0.001 min
Response: 25038924
Conc: 63.53 ng/ml



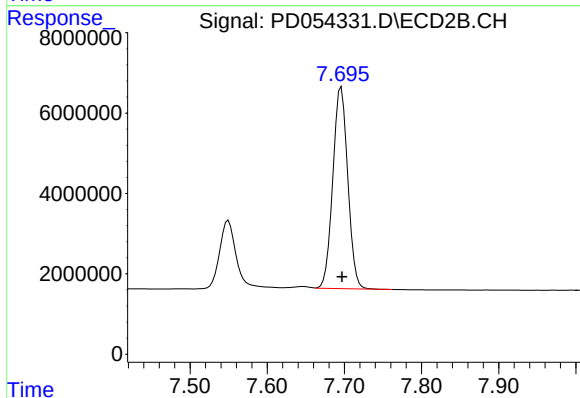
#21 Endrin ketone

R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 48949000
Conc: 63.36 ng/ml

Instrument :
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ClientSampleId :
SS-18_081519MSD

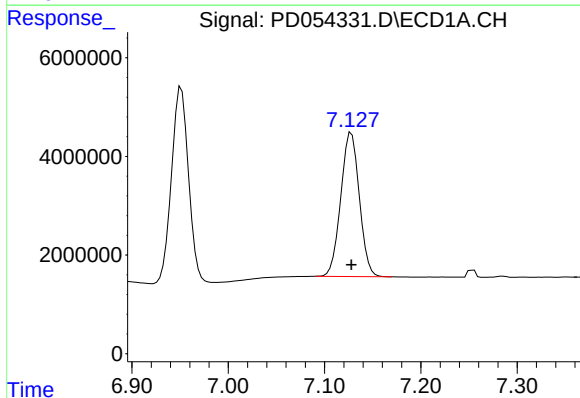
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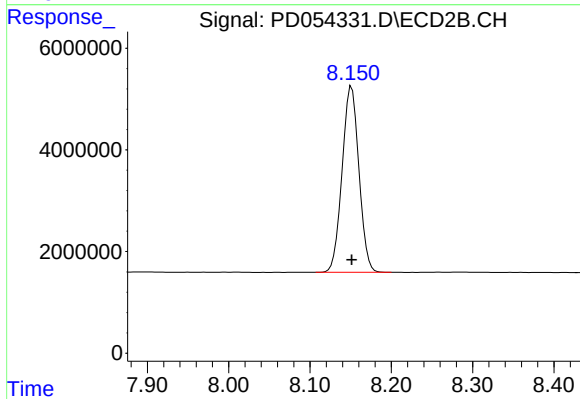
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: -0.001 min
Response: 67738903
Conc: 61.02 ng/ml



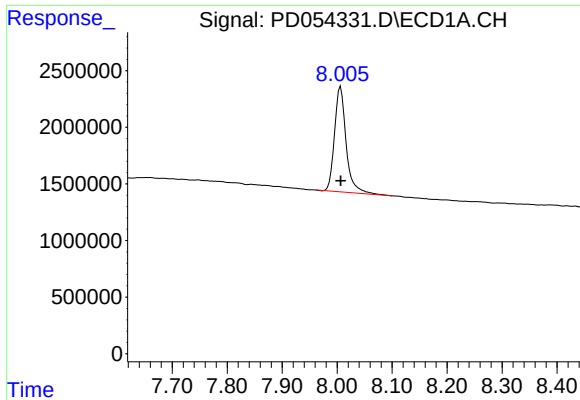
#22 Mirex

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 38933618
Conc: 57.79 ng/ml



#22 Mirex

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 52392274
Conc: 57.75 ng/ml



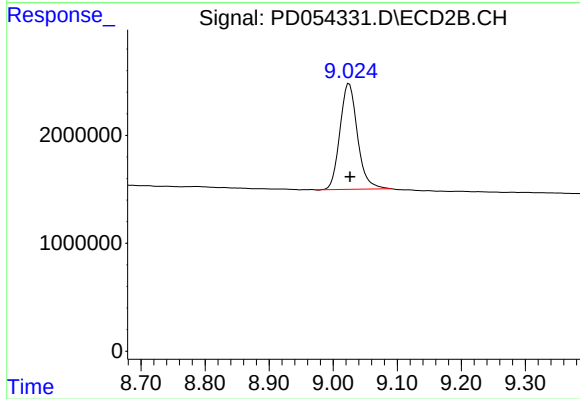
#28 Decachlorobiphenyl

R.T.: 8.006 min
Delta R.T.: 0.000 min
Response: 13567490
Conc: 21.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MSD

Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:11 AM



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: -0.001 min
Response: 18617952
Conc: 21.44 ng/ml