

Data Path : P:\HPCHEM1\ECD_D\Data\PD041118\
 Data File : PD047017.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Apr 2018 20:51
 Operator : UA/AJ
 Sample :
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:42:02 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD040718.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 07 04:44:10 2018
 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 x 0.2 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...	3.430	4.042	73548257	1142.6E6	58.280	53.475
2)	SA Decachlor...	8.152	9.121	65856571	762.6E6	48.953	42.384
Target Compounds							
2)	A alpha-BHC	3.867	4.428	122.9E6	1798.6E6	59.777	54.012
3)	MA gamma-BHC...	4.147	4.712	109.4E6	1585.1E6	58.920	54.037
4)	MA Heptachlor	4.440	5.231	104.0E6	1522.4E6	57.580	51.842
5)	MB Aldrin	4.684	5.538	101.9E6	1428.0E6	57.167	51.304
6)	B beta-BHC	4.395	4.870	44918091	676.8E6	56.124	50.519
7)	B delta-BHC	4.596	5.090	109.4E6	1577.7E6	56.957	51.570
8)	B Heptachlo...	5.126	5.920	93124625	1334.8E6	56.136	51.961
9)	A Endosulfan I	5.462	6.276	84110097	1084.8E6	55.255	47.489
10)	B gamma-Chl...	5.349	6.153	93172636	1243.6E6	55.998	48.156
11)	B alpha-Chl...	5.408	6.228	89868291	1189.5E6	55.487	47.916
12)	B 4,4'-DDE	5.574	6.379	93719080	1152.8E6	56.158	46.867
13)	MA Dieldrin	5.703	6.532	95871383	1170.7E6	55.145	47.323
14)	MA Endrin	5.960	6.748	85117905	958.3E6	56.424	50.196
15)	B Endosulfa...	6.232	6.950	80321201	983.2E6	52.459	46.385
16)	A 4,4'-DDD	6.087	6.863	81257801	1050.2E6	58.758	52.597
17)	MA 4,4'-DDT	6.326	7.164	61730076	722.0E6	45.234	39.110
18)	B Endrin al...	6.401	7.072	64445121	803.1E6	52.455	45.222
19)	B Endosulfa...	6.612	7.295	70804002	893.1E6	52.152	44.264
20)	A Methoxychlor	6.875	7.615	34544904	371.8E6	46.935	38.438
21)	B Endrin ke...	7.103	7.763	84792846	869.6E6	50.176	44.983
23)	Chlordane-1	4.359	5.090	1114690	1577.7E6	18.107	1360.422 #
24)	Chlordane-2	0.000	5.538	0	1428.0E6	N.D.	1295.557 #
25)	Chlordane-3	5.349	6.153	93172636	1243.6E6	495.611	353.667 #
26)	Chlordane-4	5.408	6.228	89868291	1189.5E6	542.114	295.534 #
27)	Chlordane-5	6.232	7.072	80321201	803.1E6	1316.792	940.601 #

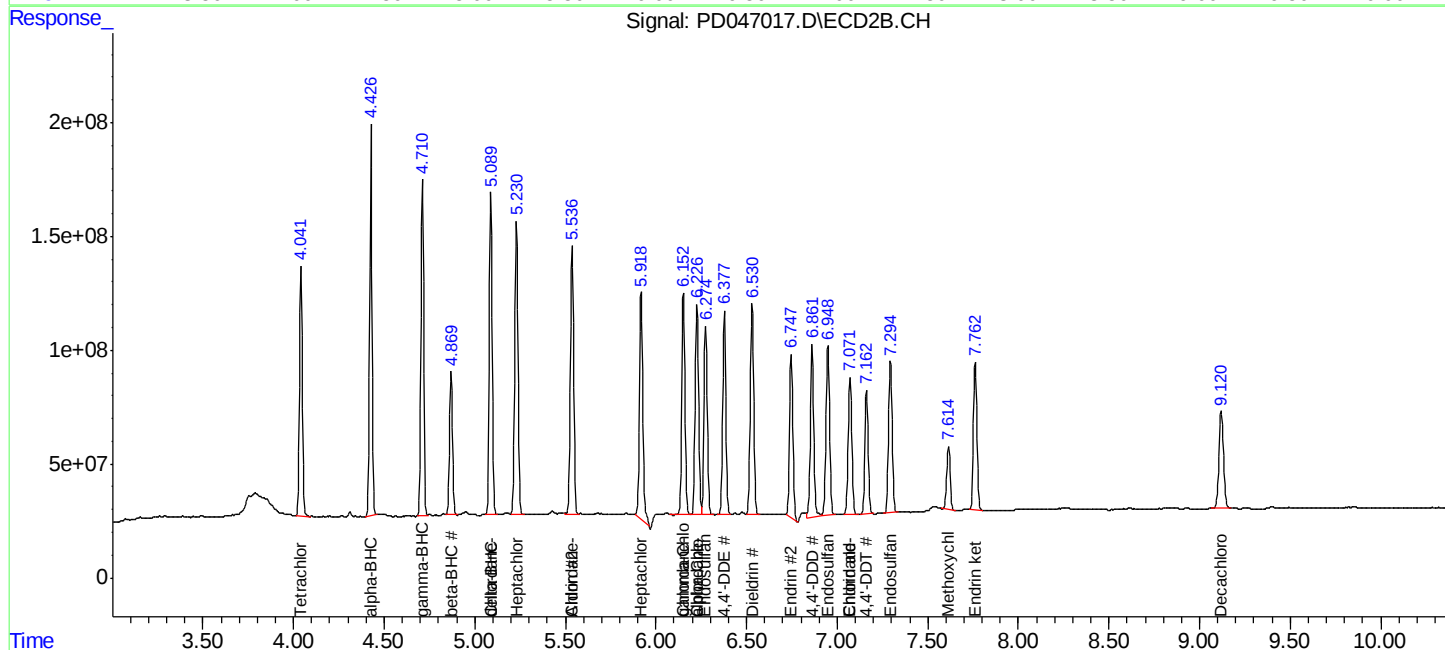
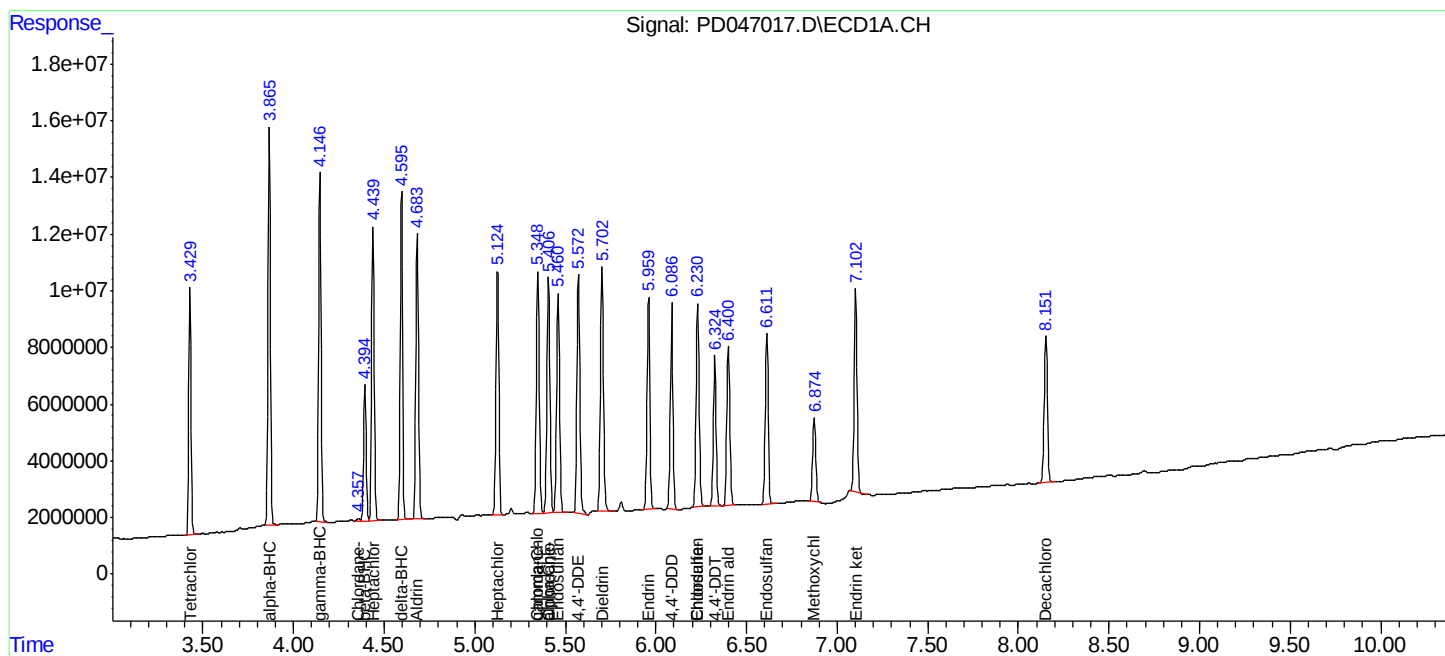
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

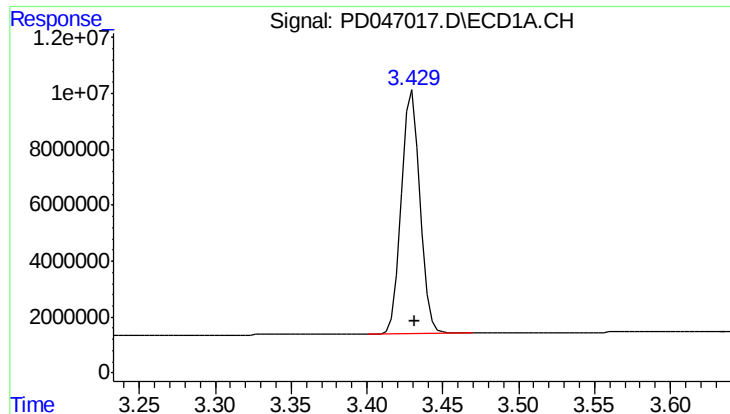
Data Path : P:\HPCHEM1\ECD_D\Data\PD041118\
Data File : PD047017.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Apr 2018 20:51
Operator : UA/AJ
Sample :
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ALS Vial : 4 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
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Quant Time: Apr 12 01:42:02 2018
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QLast Update : Sat Apr 07 04:44:10 2018
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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

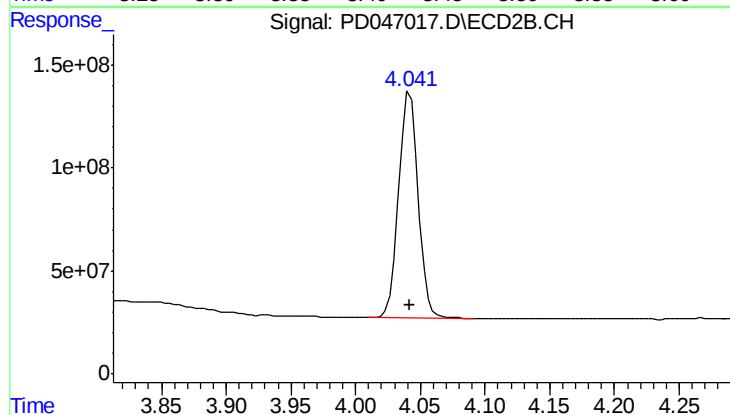




#1 Tetrachloro-m-xylene

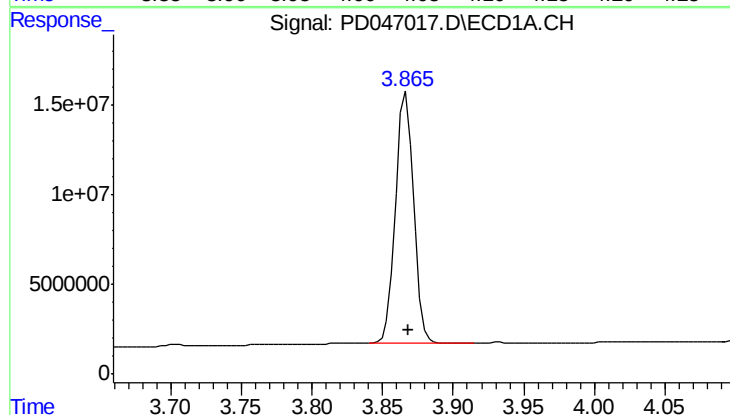
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 73548257
Conc: 58.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



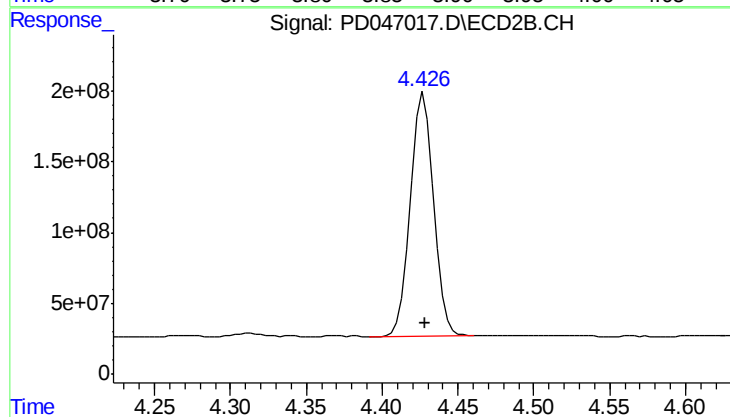
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 1142581612
Conc: 53.47 ng/ml



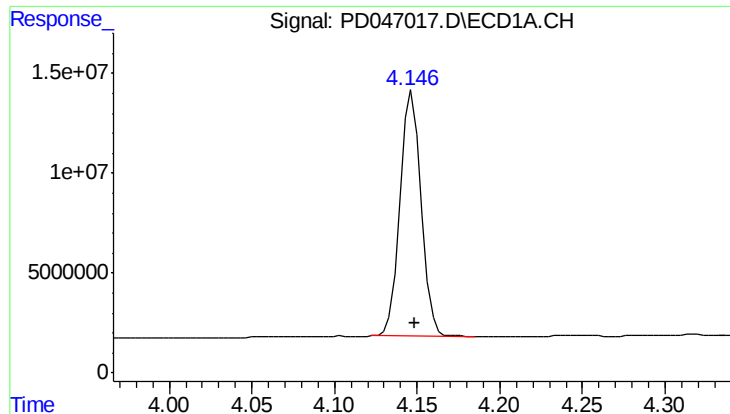
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: -0.001 min
Response: 122852799
Conc: 59.78 ng/ml



#2 alpha-BHC

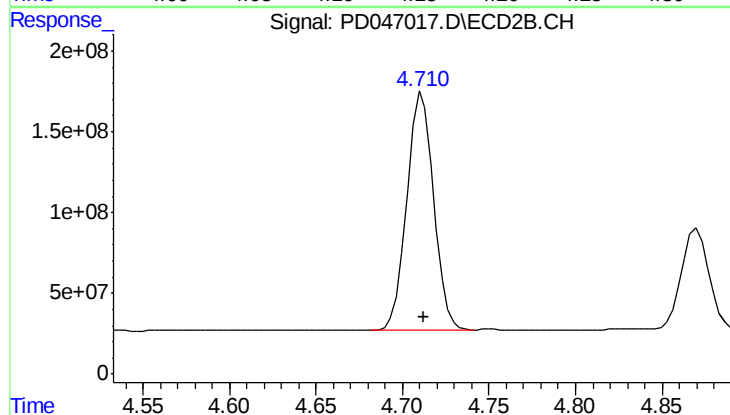
R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 1798624413
Conc: 54.01 ng/ml



#3 gamma-BHC (Lindane)

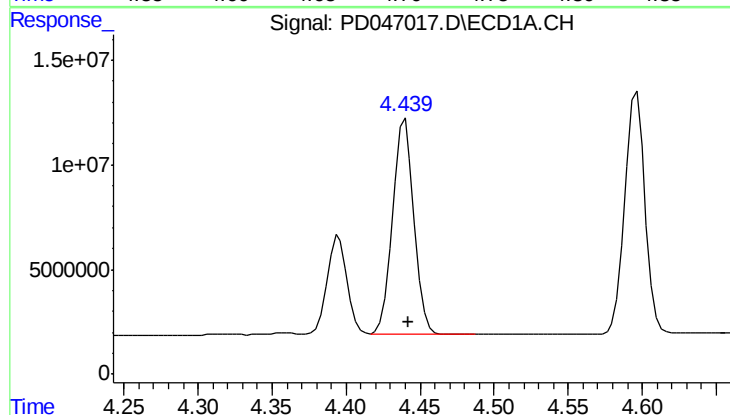
R.T.: 4.147 min
Delta R.T.: -0.002 min
Response: 109381640
Conc: 58.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



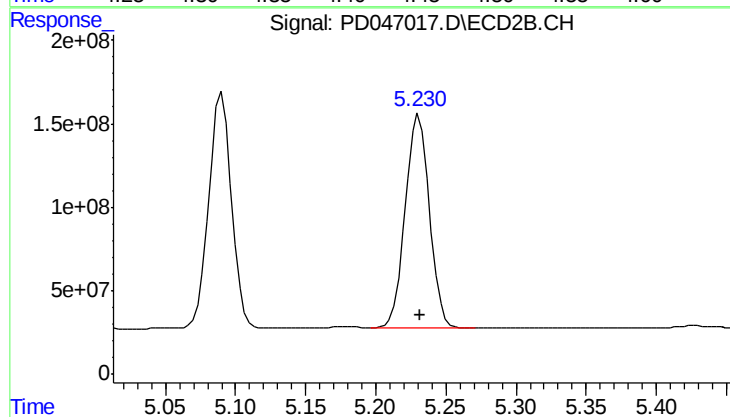
#3 gamma-BHC (Lindane)

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 1585078549
Conc: 54.04 ng/ml



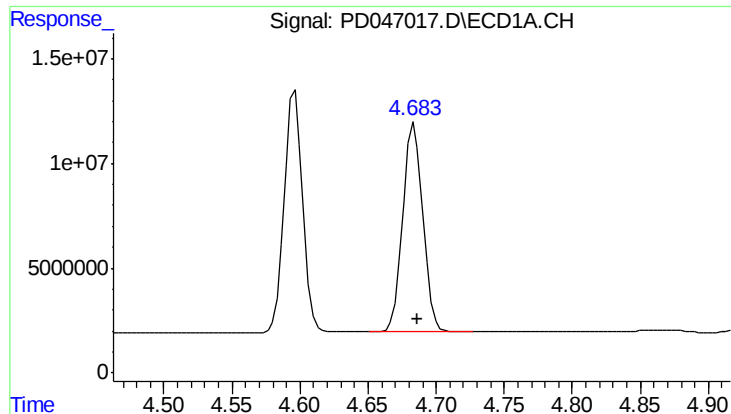
#4 Heptachlor

R.T.: 4.440 min
Delta R.T.: -0.002 min
Response: 103982544
Conc: 57.58 ng/ml



#4 Heptachlor

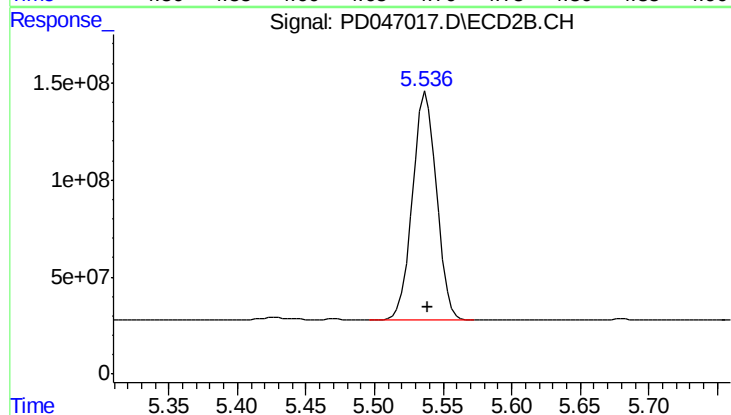
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 1522395882
Conc: 51.84 ng/ml



#5 Aldrin

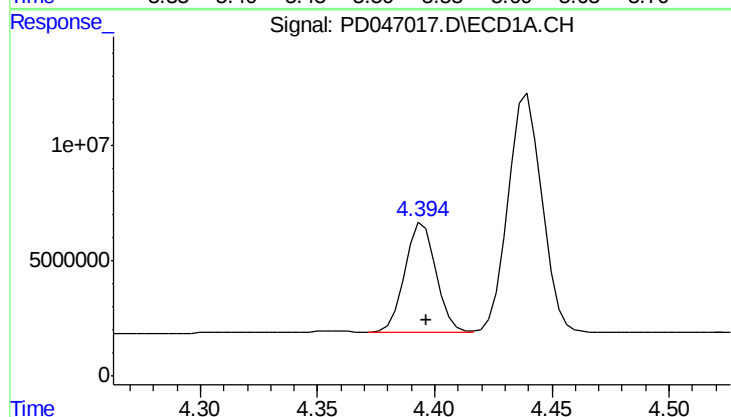
R.T.: 4.684 min
Delta R.T.: -0.002 min
Response: 101863436
Conc: 57.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



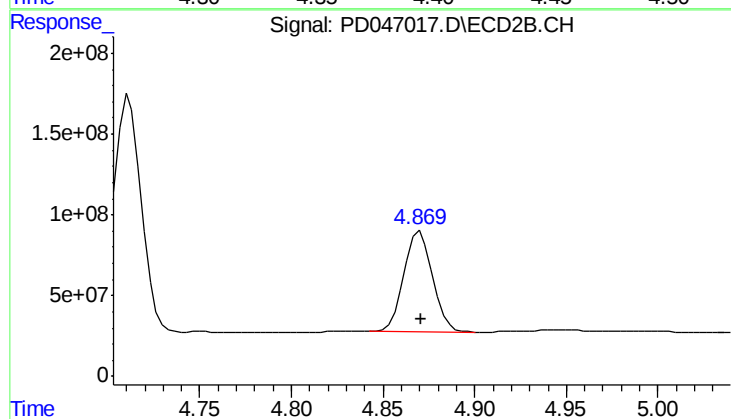
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 1428028708
Conc: 51.30 ng/ml



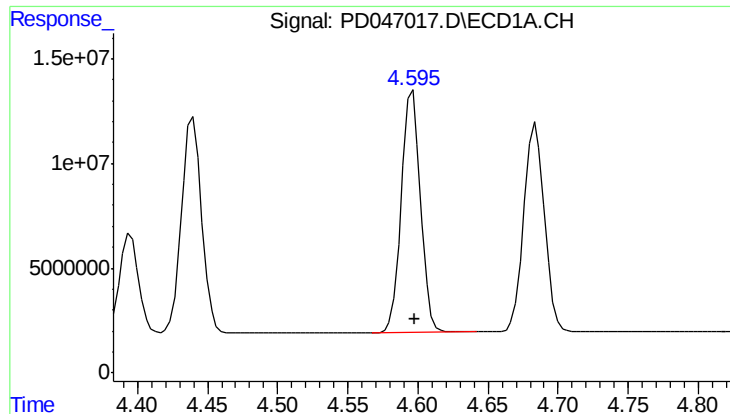
#6 beta-BHC

R.T.: 4.395 min
Delta R.T.: -0.001 min
Response: 44918091
Conc: 56.12 ng/ml



#6 beta-BHC

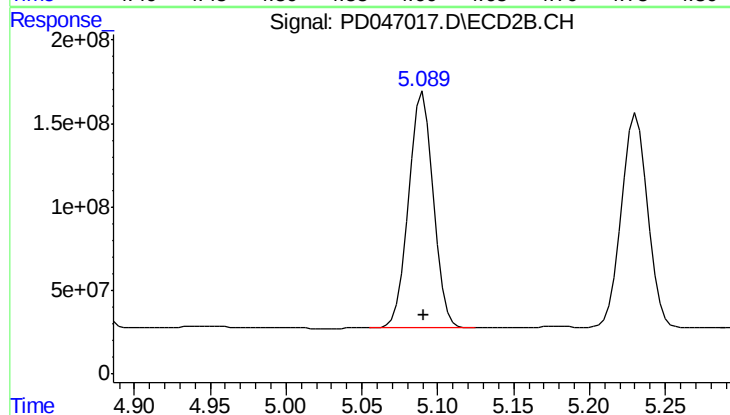
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 676829801
Conc: 50.52 ng/ml



#7 delta-BHC

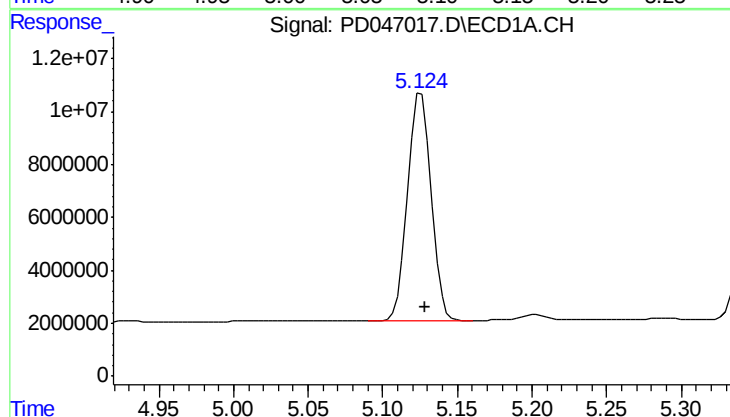
R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 109379413
Conc: 56.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



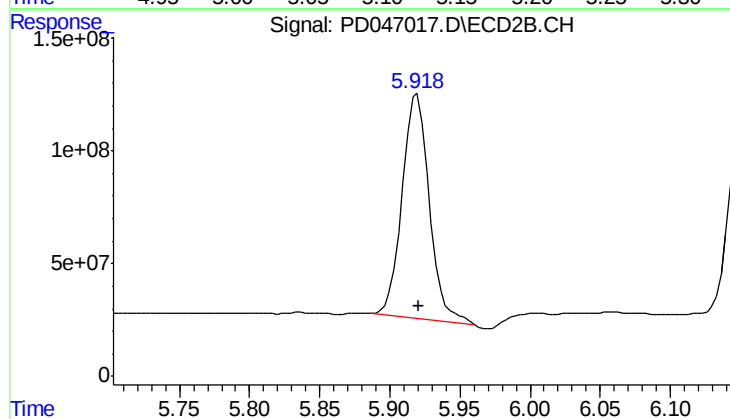
#7 delta-BHC

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 1577745261
Conc: 51.57 ng/ml



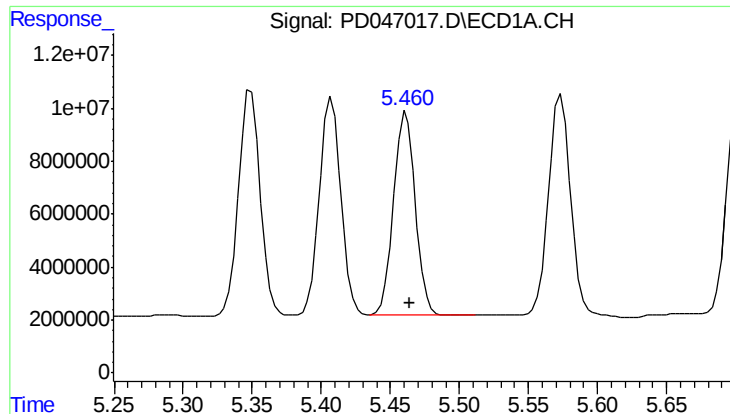
#8 Heptachlor epoxide

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 93124625
Conc: 56.14 ng/ml



#8 Heptachlor epoxide

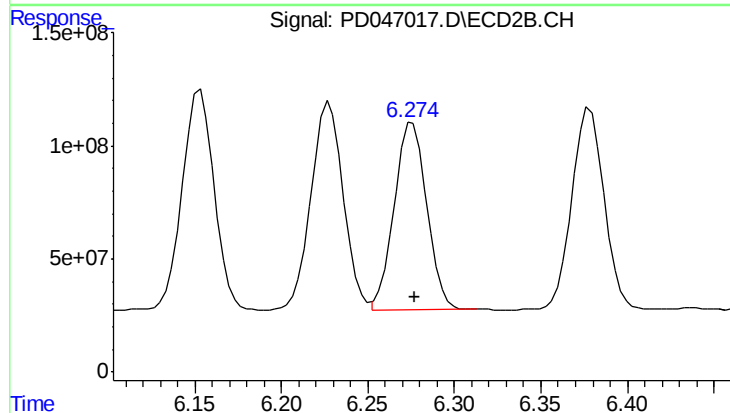
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 1334837245
Conc: 51.96 ng/ml



#9 Endosulfan I

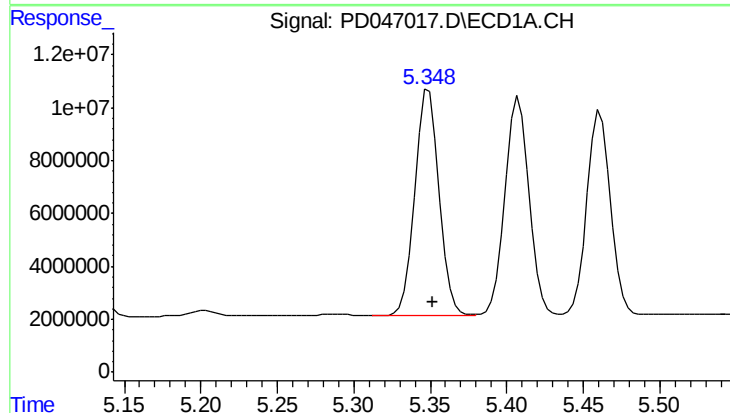
R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 84110097
Conc: 55.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



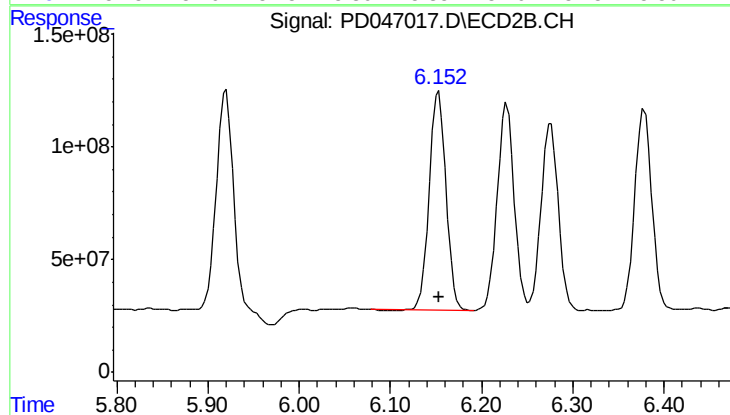
#9 Endosulfan I

R.T.: 6.276 min
Delta R.T.: -0.001 min
Response: 1084756915
Conc: 47.49 ng/ml



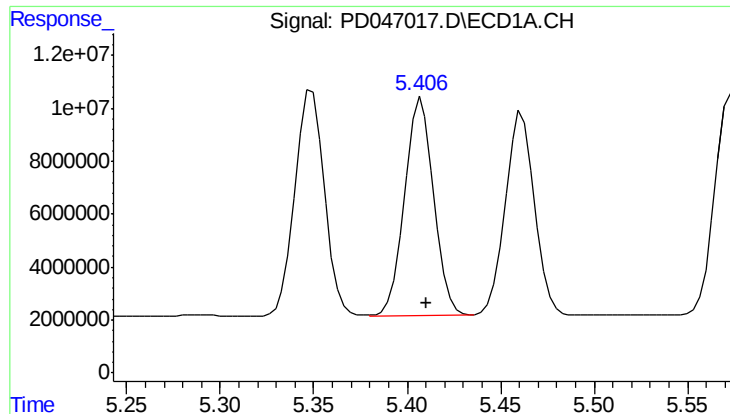
#10 gamma-Chlordane

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 93172636
Conc: 56.00 ng/ml



#10 gamma-Chlordane

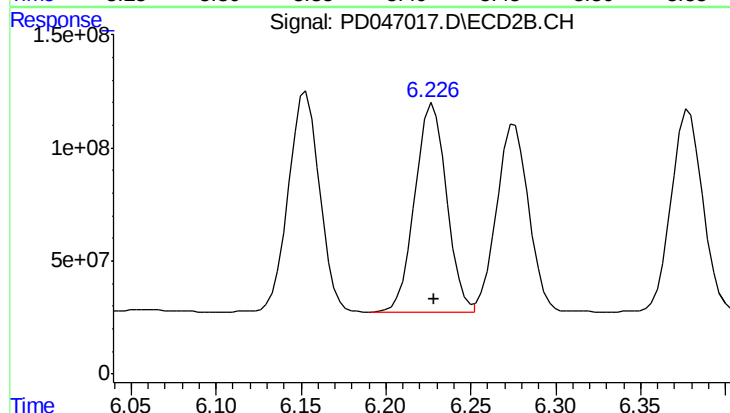
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 1243591110
Conc: 48.16 ng/ml



#11 alpha-Chlordane

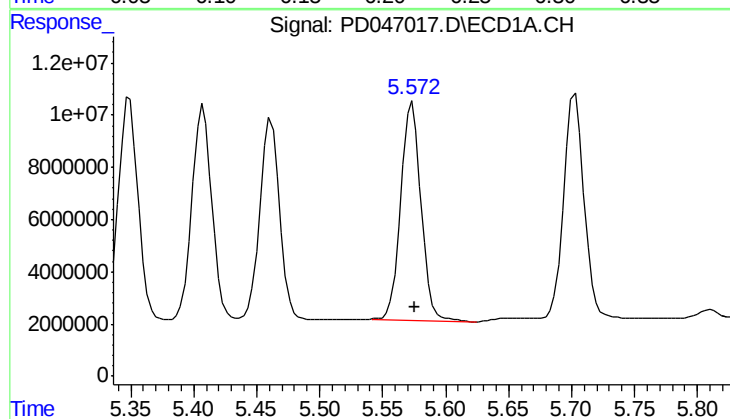
R.T.: 5.408 min
Delta R.T.: -0.003 min
Response: 89868291
Conc: 55.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



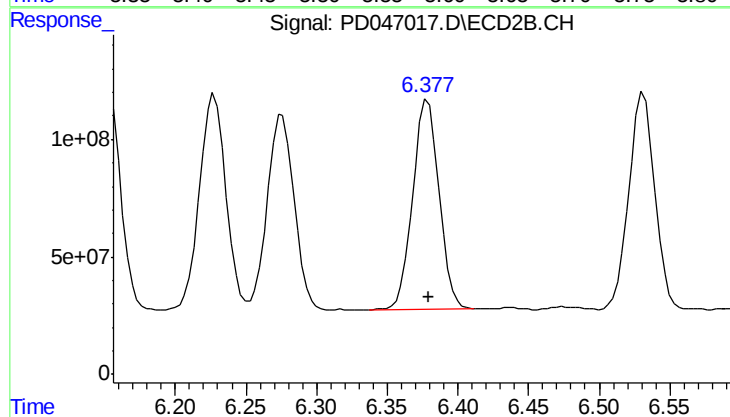
#11 alpha-Chlordane

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 1189475030
Conc: 47.92 ng/ml



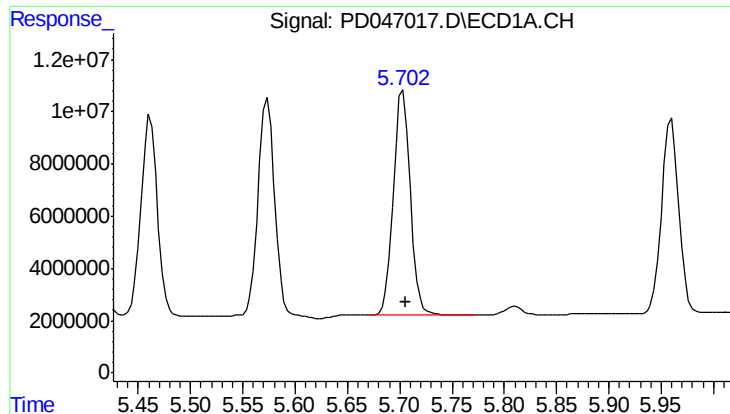
#12 4,4'-DDE

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 93719080
Conc: 56.16 ng/ml



#12 4,4'-DDE

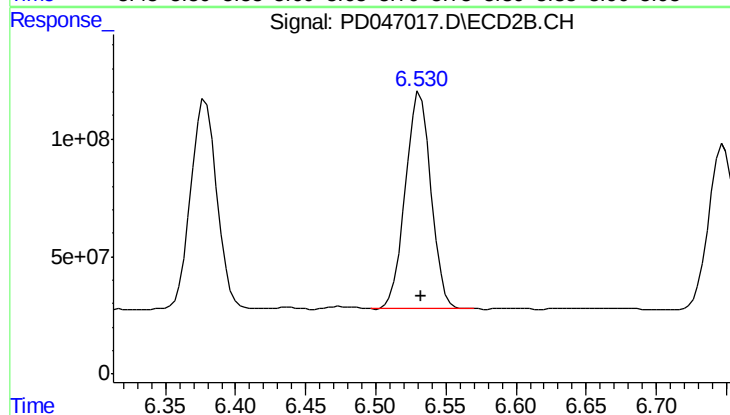
R.T.: 6.379 min
Delta R.T.: -0.001 min
Response: 1152848338
Conc: 46.87 ng/ml



#13 Dieldrin

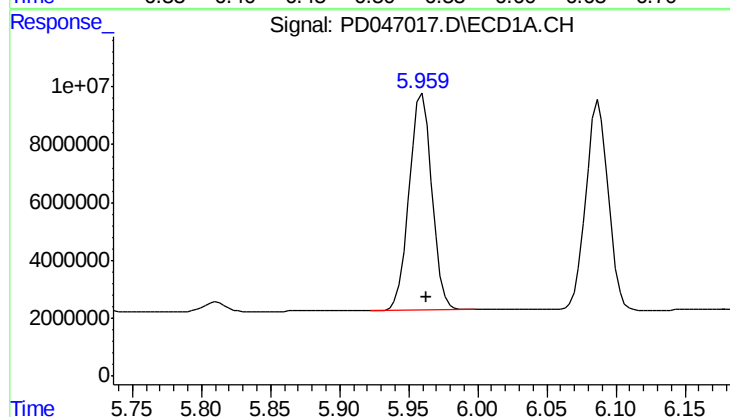
R.T.: 5.703 min
Delta R.T.: -0.003 min
Response: 95871383
Conc: 55.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



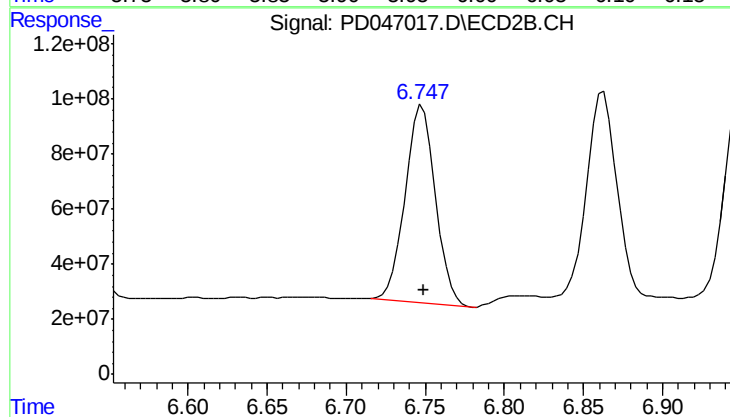
#13 Dieldrin

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 1170716824
Conc: 47.32 ng/ml



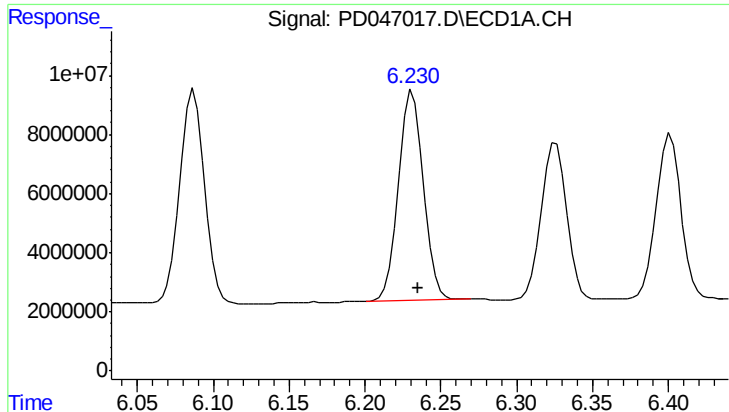
#14 Endrin

R.T.: 5.960 min
Delta R.T.: -0.003 min
Response: 85117905
Conc: 56.42 ng/ml



#14 Endrin

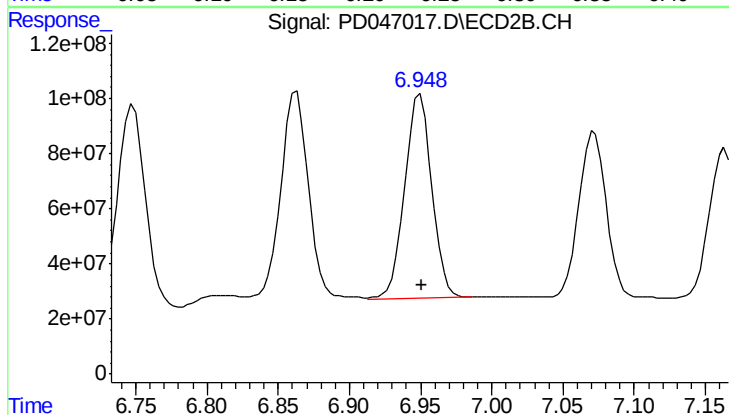
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 958269091
Conc: 50.20 ng/ml



#15 Endosulfan II

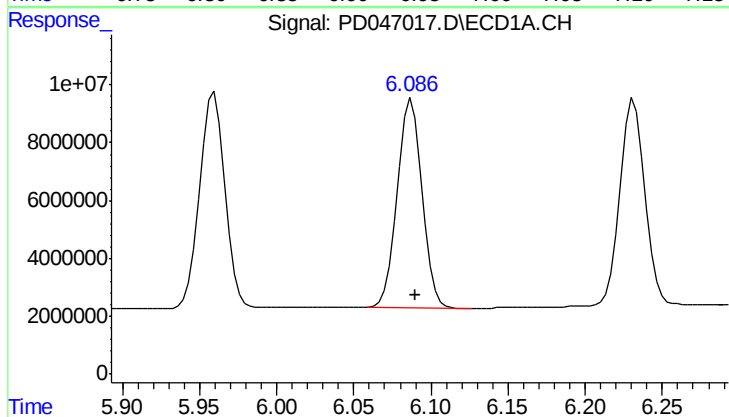
R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 80321201
Conc: 52.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



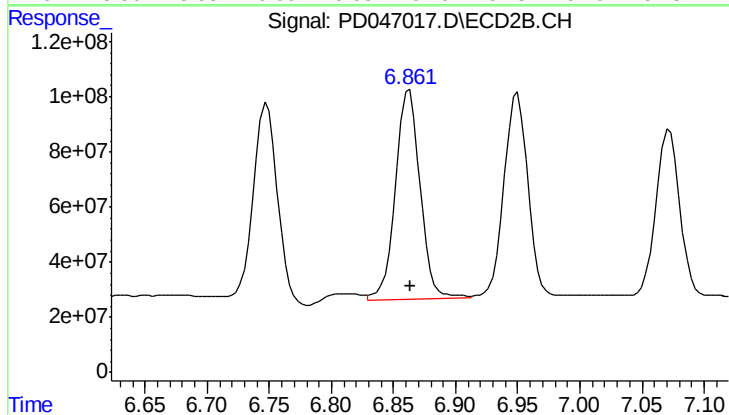
#15 Endosulfan II

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 983223263
Conc: 46.39 ng/ml



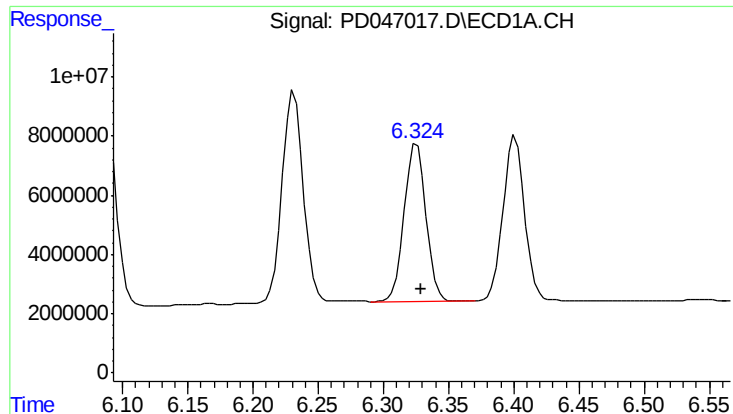
#16 4,4'-DDD

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 81257801
Conc: 58.76 ng/ml



#16 4,4'-DDD

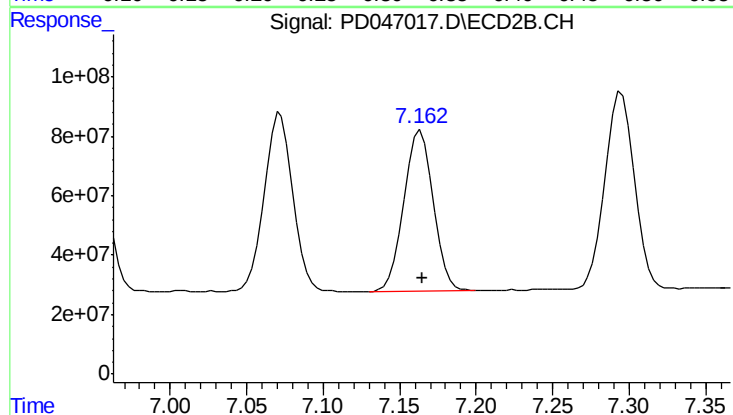
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 1050224726
Conc: 52.60 ng/ml



#17 4,4'-DDT

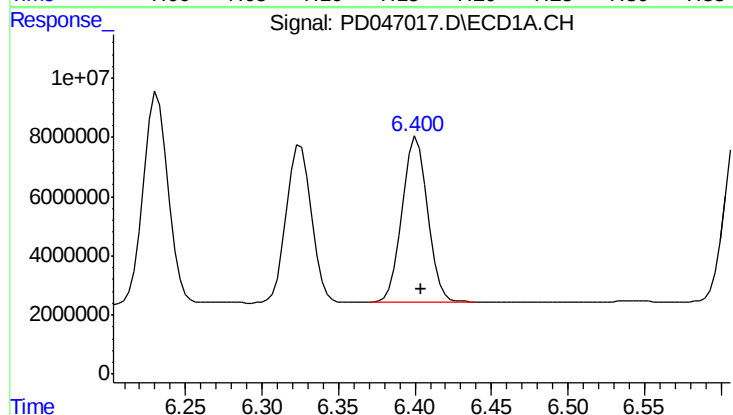
R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 61730076
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



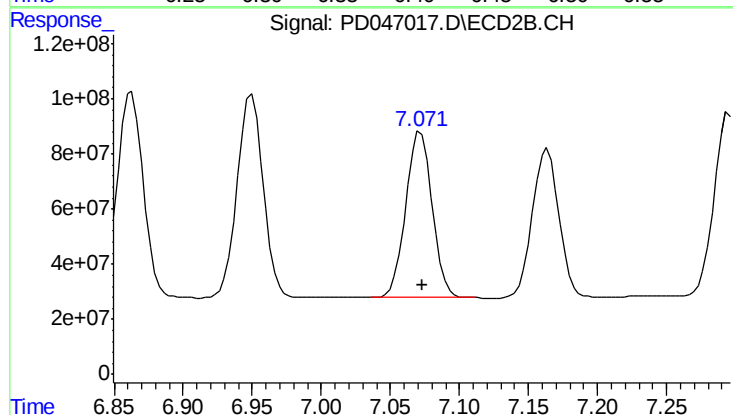
#17 4,4'-DDT

R.T.: 7.164 min
Delta R.T.: -0.001 min
Response: 721988559
Conc: 39.11 ng/ml



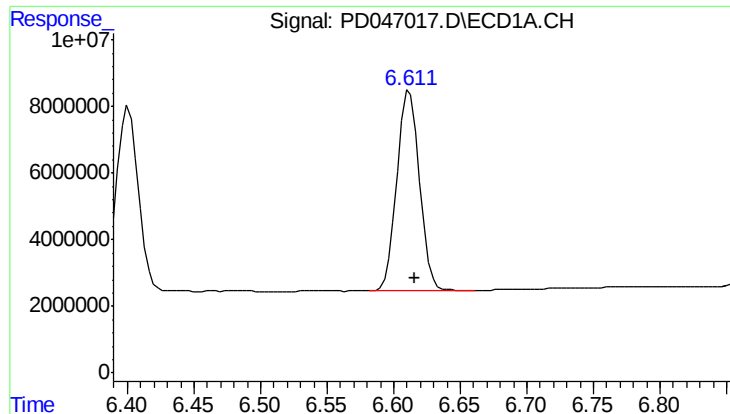
#18 Endrin aldehyde

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 64445121
Conc: 52.46 ng/ml



#18 Endrin aldehyde

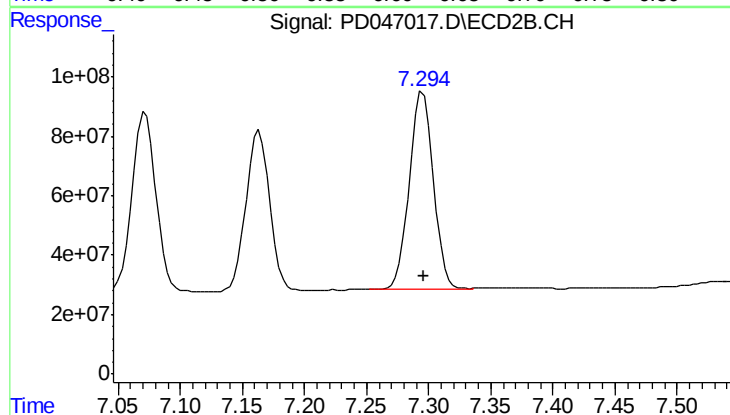
R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 803107010
Conc: 45.22 ng/ml



#19 Endosulfan Sulfate

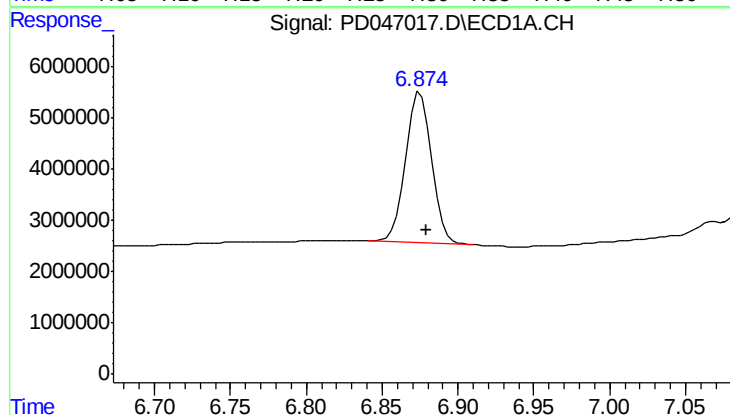
R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 70804002
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



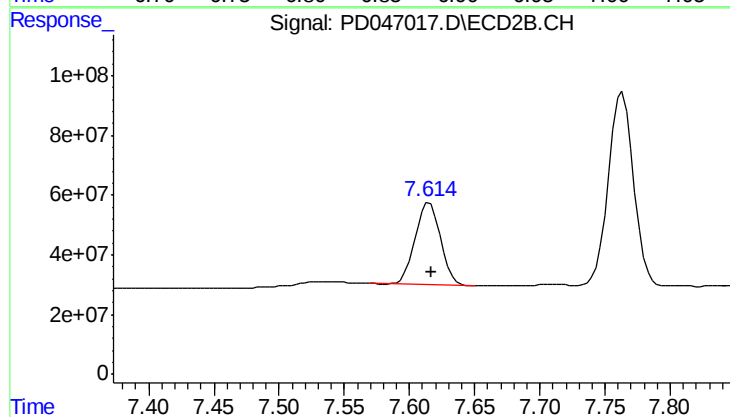
#19 Endosulfan Sulfate

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 893053318
Conc: 44.26 ng/ml



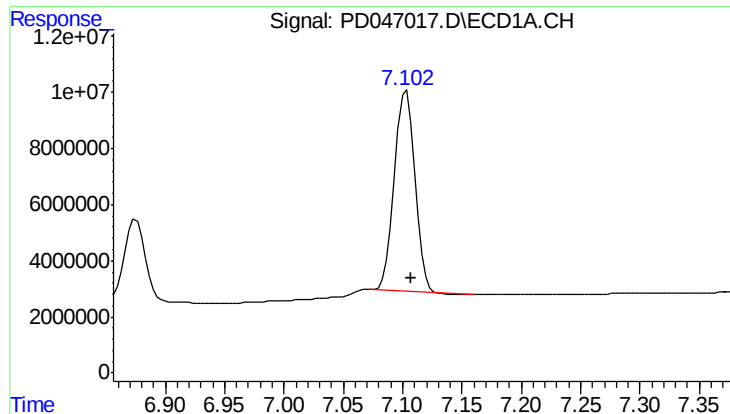
#20 Methoxychlor

R.T.: 6.875 min
Delta R.T.: -0.004 min
Response: 34544904
Conc: 46.93 ng/ml



#20 Methoxychlor

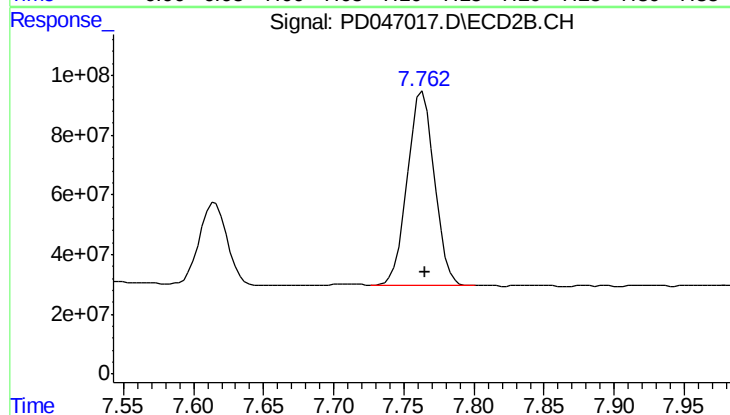
R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 371842124
Conc: 38.44 ng/ml



#21 Endrin ketone

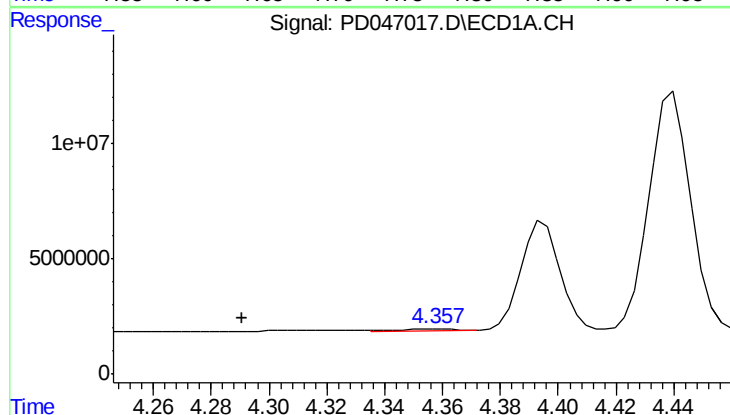
R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 84792846
Conc: 50.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



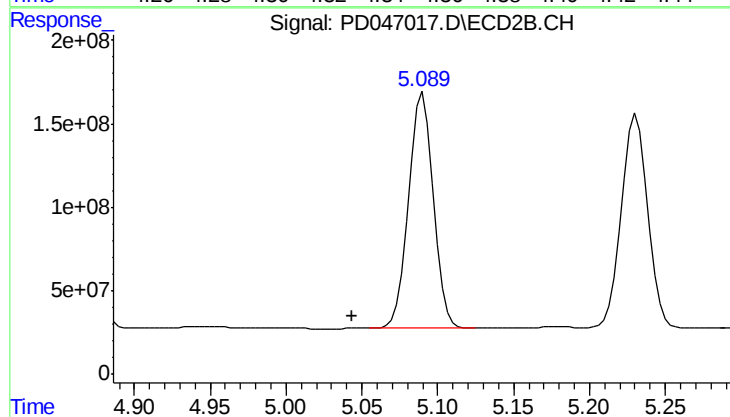
#21 Endrin ketone

R.T.: 7.763 min
Delta R.T.: -0.002 min
Response: 869622886
Conc: 44.98 ng/ml



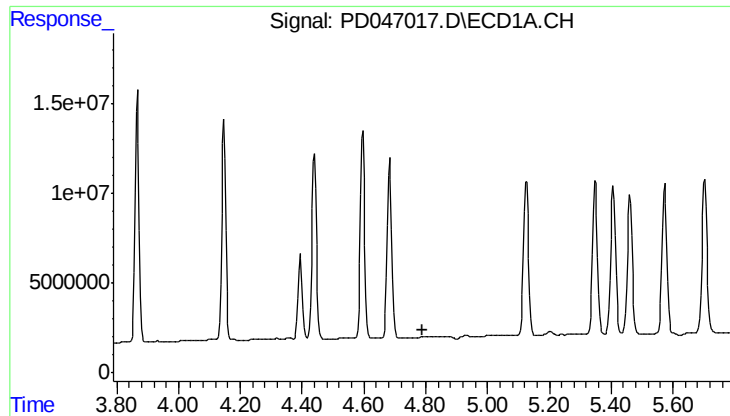
#23 Chlordane-1

R.T.: 4.359 min
Delta R.T.: 0.008 min
Response: 1114690
Conc: 18.11 ng/ml



#23 Chlordane-1

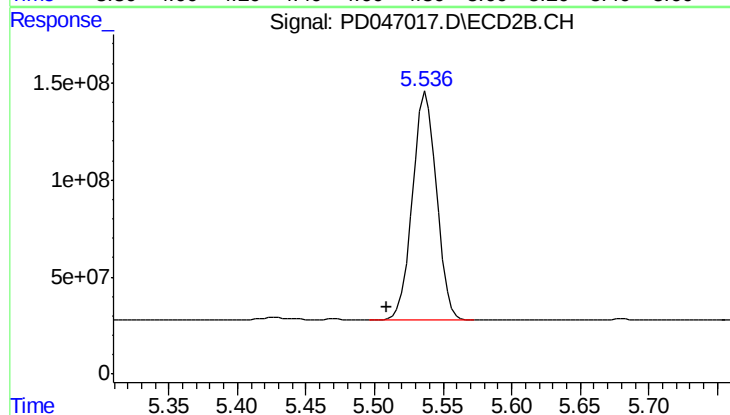
R.T.: 5.090 min
Delta R.T.: 0.007 min
Response: 1577745261
Conc: 1360.42 ng/ml



#24 Chlordane-2

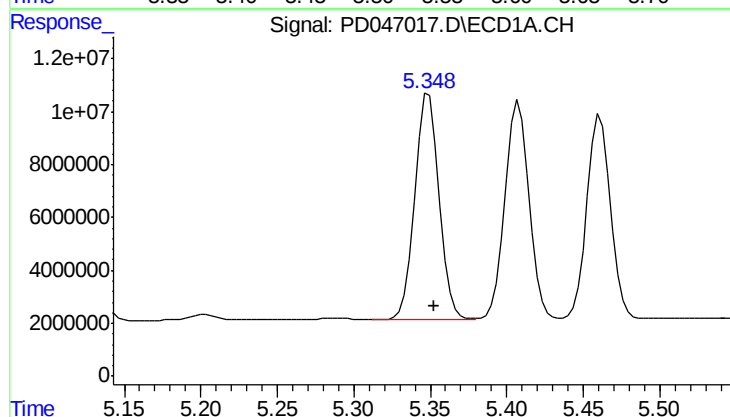
R.T.: 0.000 min
Exp R.T.: 4.788 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



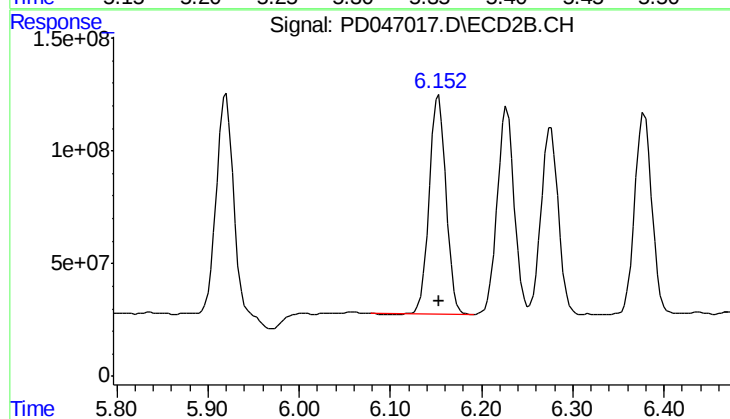
#24 Chlordane-2

R.T.: 5.538 min
Delta R.T.: 0.029 min
Response: 1428028708
Conc: 1295.56 ng/ml



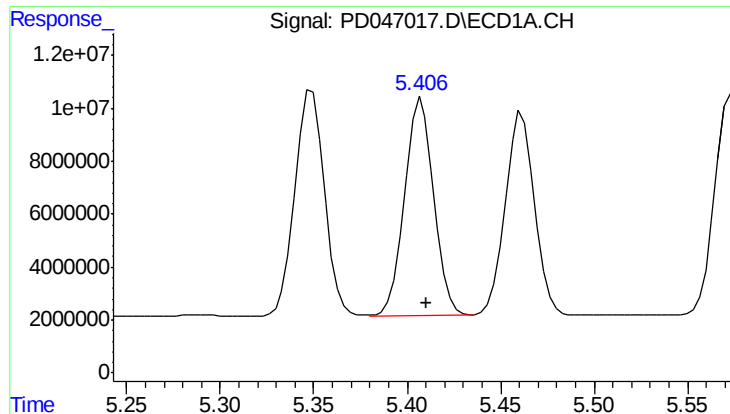
#25 Chlordane-3

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 93172636
Conc: 495.61 ng/ml



#25 Chlordane-3

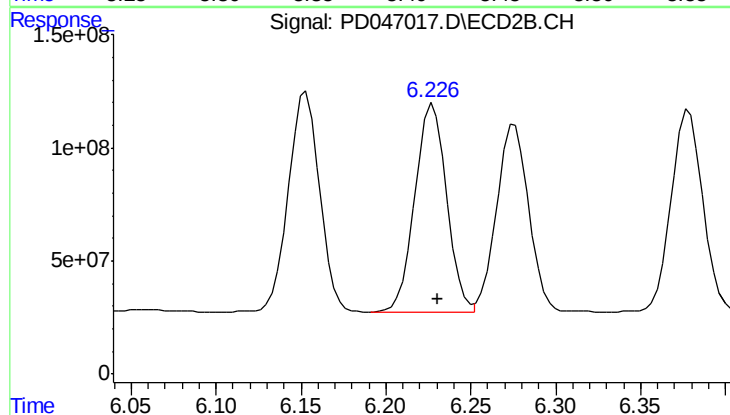
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 1243591110
Conc: 353.67 ng/ml



#26 Chlordane-4

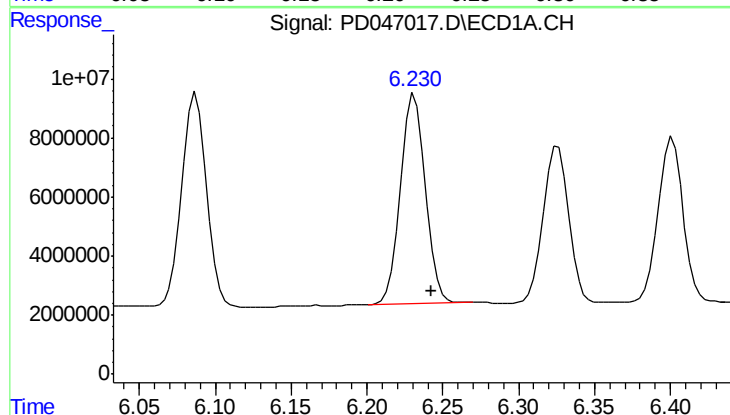
R.T.: 5.408 min
Delta R.T.: -0.003 min
Response: 89868291
Conc: 542.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



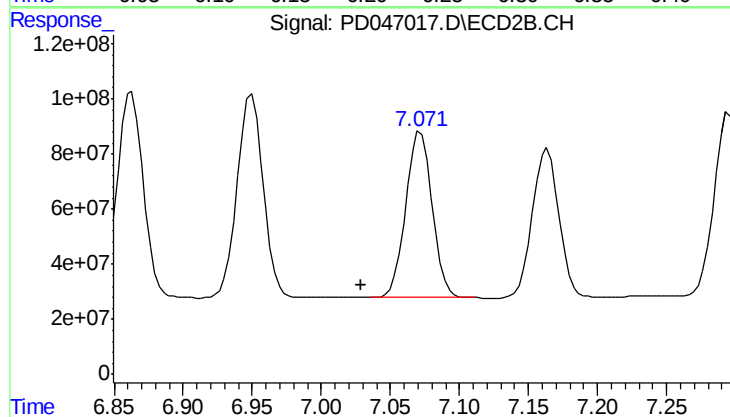
#26 Chlordane-4

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 1189475030
Conc: 295.53 ng/ml



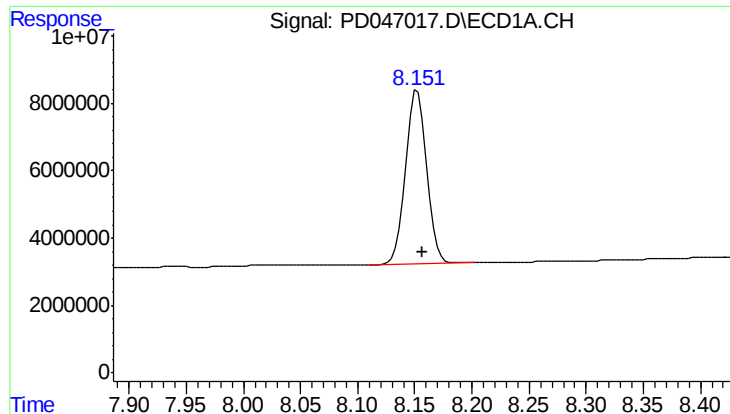
#27 Chlordane-5

R.T.: 6.232 min
Delta R.T.: -0.011 min
Response: 80321201
Conc: 1316.79 ng/ml



#27 Chlordane-5

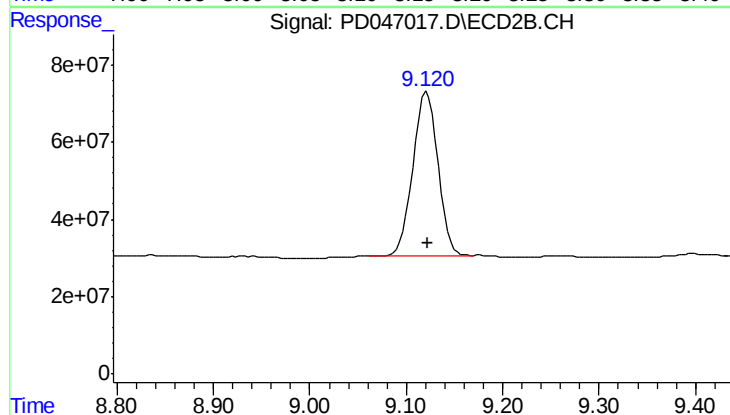
R.T.: 7.072 min
Delta R.T.: 0.043 min
Response: 803107010
Conc: 940.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.152 min
Delta R.T.: -0.004 min
Response: 65856571
Conc: 48.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.001 min
Response: 762574147
Conc: 42.38 ng/ml