

Data Path : P:\HPCHEM1\ECD_D\Data\PD041118\
 Data File : PD047029.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Apr 2018 23:47
 Operator : UA/AJ
 Sample :
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-PH3-ARE-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:46:38 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	73508372	1130.8E6	58.249	52.923
28)	SA Decachlor...	8.153	9.120	69728895	838.7E6	51.831	46.616
Target Compounds							
2)	A alpha-BHC	3.867	4.428	122.8E6	1763.1E6	59.762	52.946
3)	MA gamma-BHC...	4.148	4.712	109.3E6	1561.9E6	58.865	53.247
4)	MA Heptachlor	4.440	5.231	103.7E6	1499.5E6	57.415	51.064
5)	MB Aldrin	4.685	5.538	102.0E6	1442.2E6	57.252	51.814
6)	B beta-BHC	4.395	4.870	44996446	686.1E6	56.222	51.213
7)	B delta-BHC	4.596	5.090	108.9E6	1559.5E6	56.692	50.974
8)	B Heptachlo...	5.126	5.919	93670697	1385.7E6	56.465	53.942
9)	A Endosulfan I	5.461	6.276	85068046	1135.7E6	55.885	49.717
10)	B gamma-Chl...	5.350	6.153	93997369	1301.7E6	56.493	50.408
11)	B alpha-Chl...	5.408	6.228	90862074	1239.8E6	56.101	49.943
12)	B 4,4'-DDE	5.574	6.379	94919240	1196.1E6	56.877	48.627
13)	MA Dieldrin	5.703	6.531	97197285	1221.7E6	55.907	49.383
14)	MA Endrin	5.960	6.748	84286479	948.6E6	55.872	49.690
15)	B Endosulfa...	6.232	6.949	82531488	1015.2E6	53.902	47.894
16)	A 4,4'-DDD	6.087	6.863	83667729	1078.3E6	60.501	54.002
17)	MA 4,4'-DDT	6.326	7.164	63603456	739.7E6	46.607	40.068
18)	B Endrin al...	6.401	7.072	66222010	831.4E6	53.902	46.813
19)	B Endosulfa...	6.612	7.295	72445235	925.1E6	53.361	45.853
20)	A Methoxychlor	6.875	7.616	35589752	386.9E6	48.354	39.995
21)	B Endrin ke...	7.103	7.764	88796767	923.2E6	52.545	47.757
23)	Chlordane-1	4.359	5.090	1271686	1559.5E6	20.658	1344.696 #
24)	Chlordane-2	0.000	5.538	0	1442.2E6	N.D.	1308.445 #
25)	Chlordane-3	5.350	6.153	93997369	1301.7E6	499.998	370.200 #
26)	Chlordane-4	5.408	6.228	90862074	1239.8E6	548.109	308.034 #
27)	Chlordane-5	6.232	7.072	82531488	831.4E6	1353.028	973.680 #

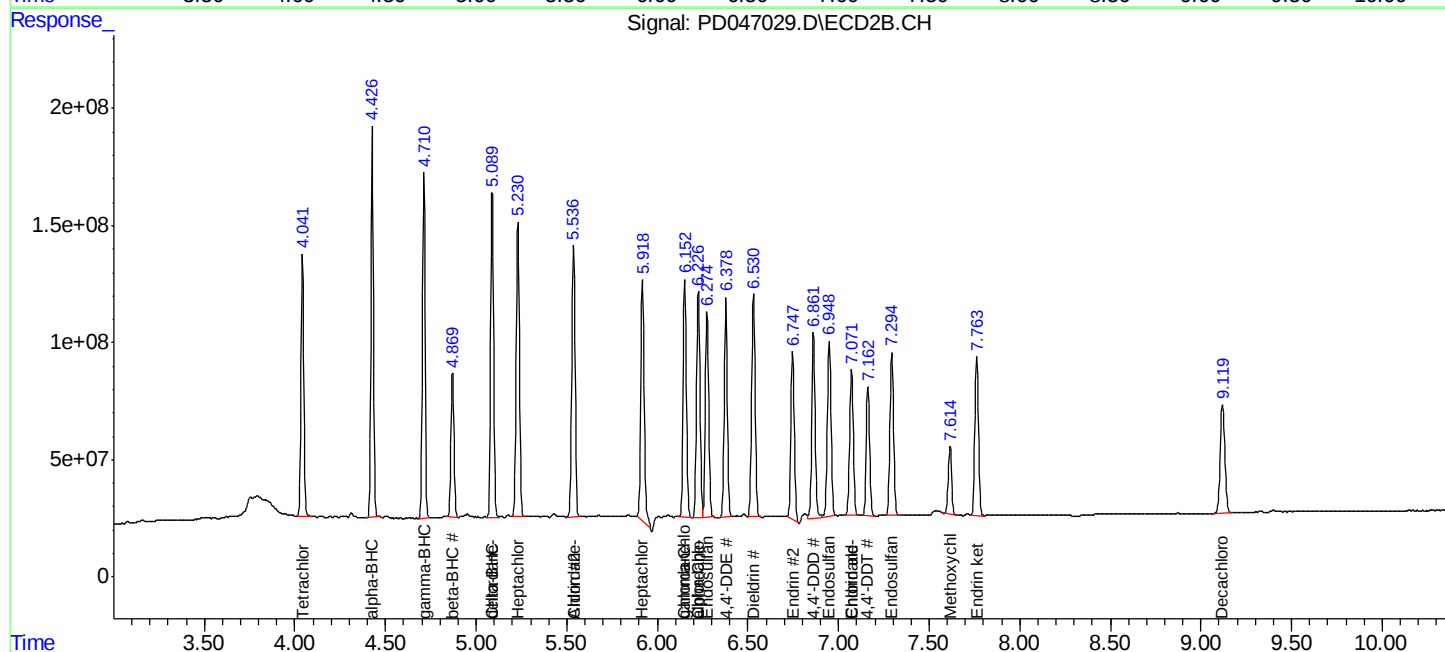
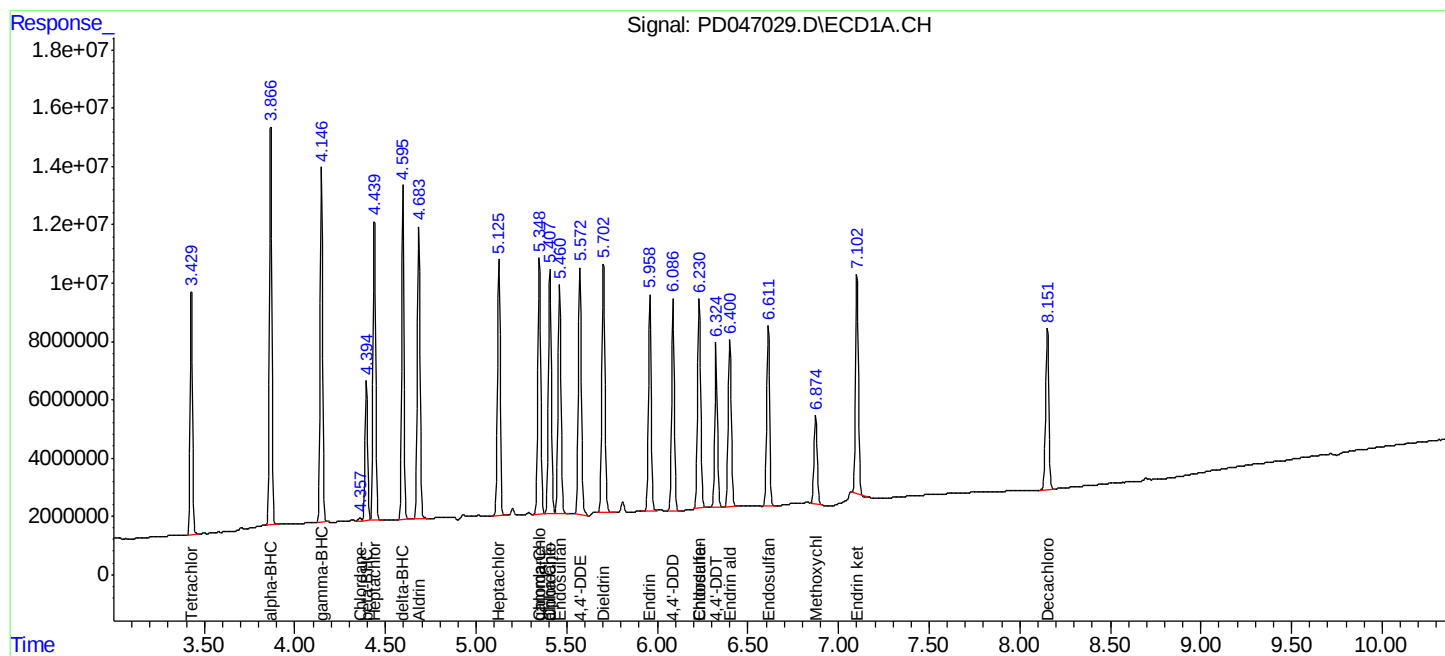
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

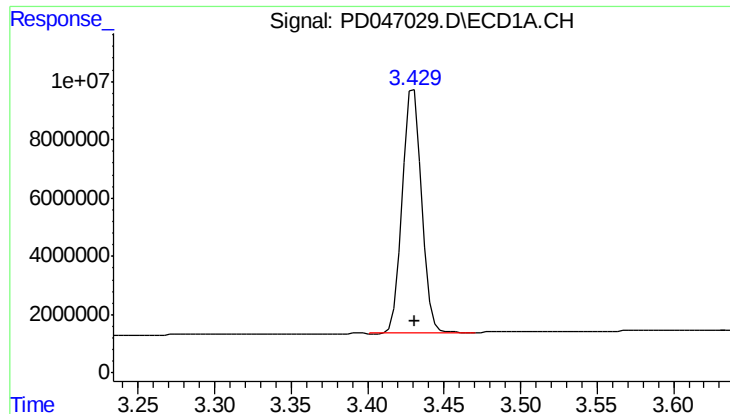
Data Path : P:\HPCHEM1\ECD_D\Data\PD041118\
Data File : PD047029.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Apr 2018 23:47
Operator : UA/AJ
Sample :
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
WC-PH3-ARE-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 01:46:38 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

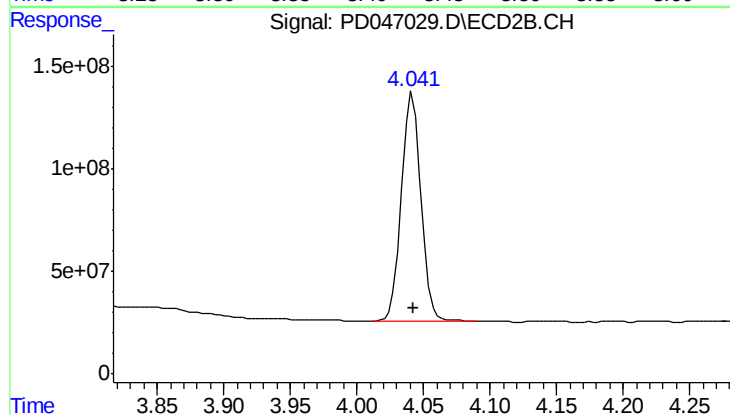




#1 Tetrachloro-m-xylene

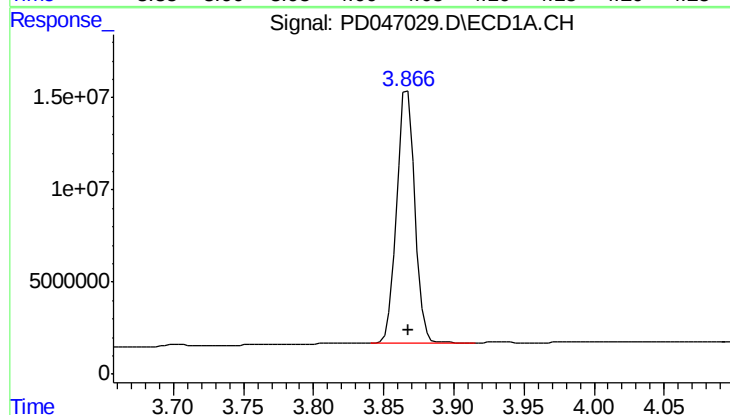
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 73508372
Conc: 58.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



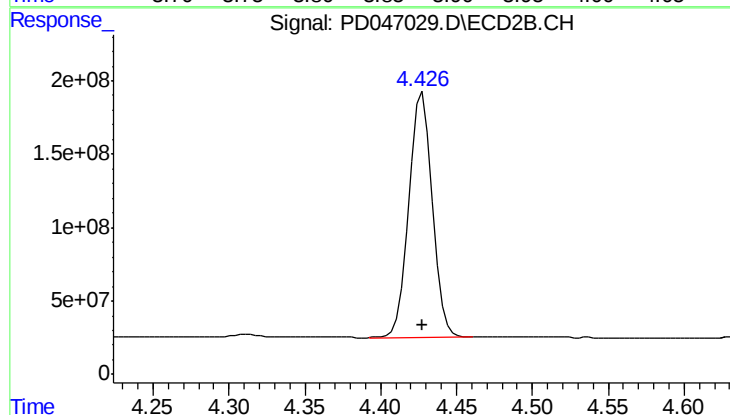
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 1130800694
Conc: 52.92 ng/ml



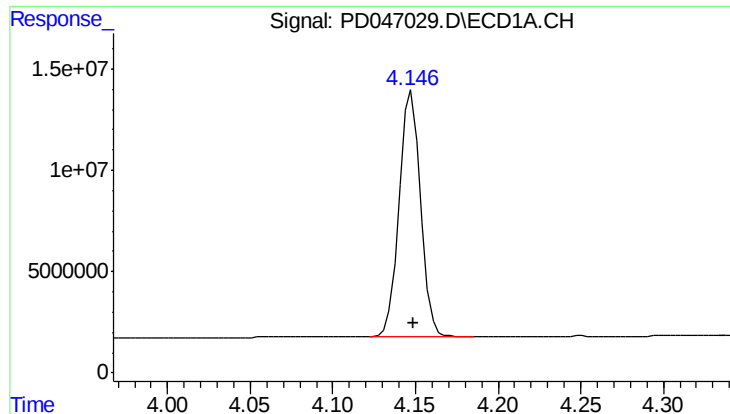
#2 alpha-BHC

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 122821632
Conc: 59.76 ng/ml



#2 alpha-BHC

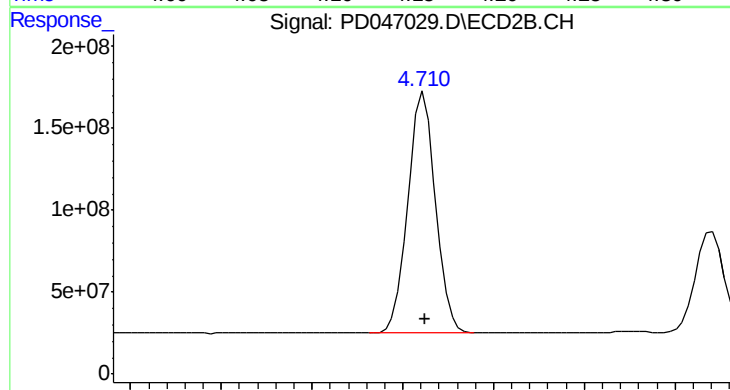
R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 1763094816
Conc: 52.95 ng/ml



#3 gamma-BHC (Lindane)

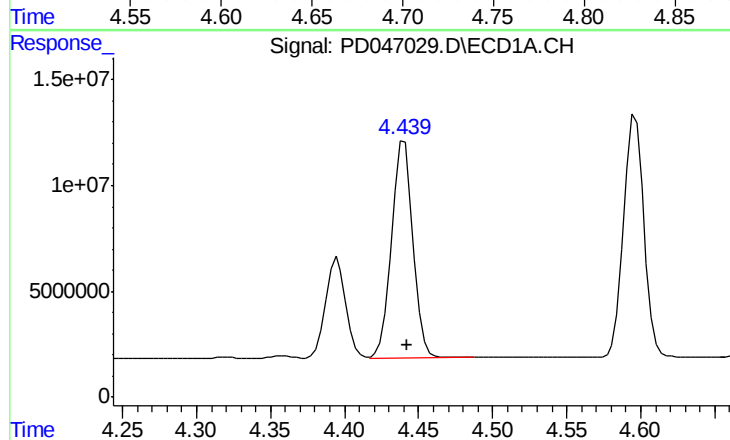
R.T.: 4.148 min
Delta R.T.: 0.000 min
Response: 109279279
Conc: 58.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



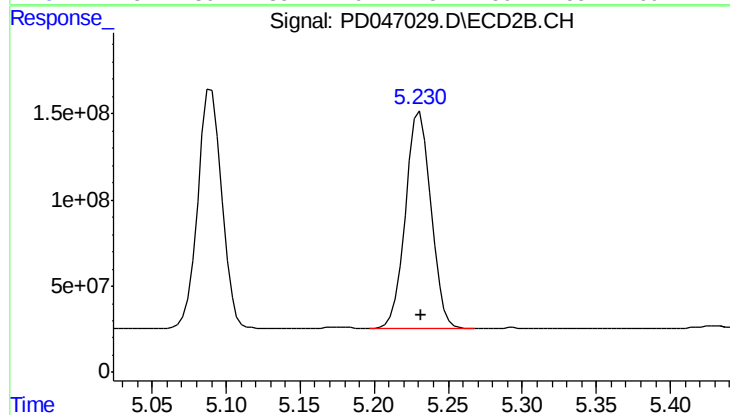
#3 gamma-BHC (Lindane)

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 1561912849
Conc: 53.25 ng/ml



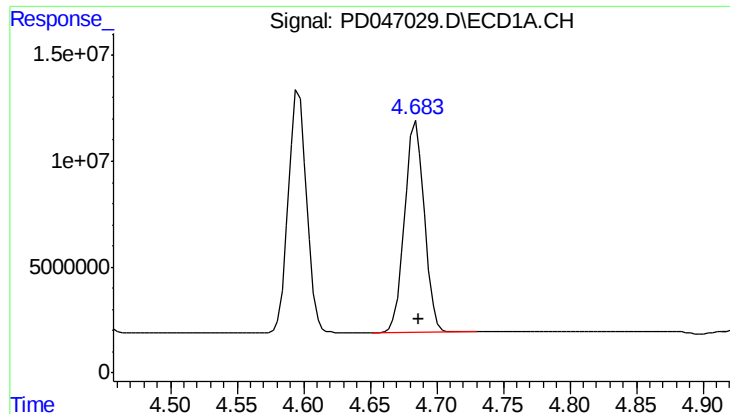
#4 Heptachlor

R.T.: 4.440 min
Delta R.T.: -0.002 min
Response: 103684599
Conc: 57.41 ng/ml



#4 Heptachlor

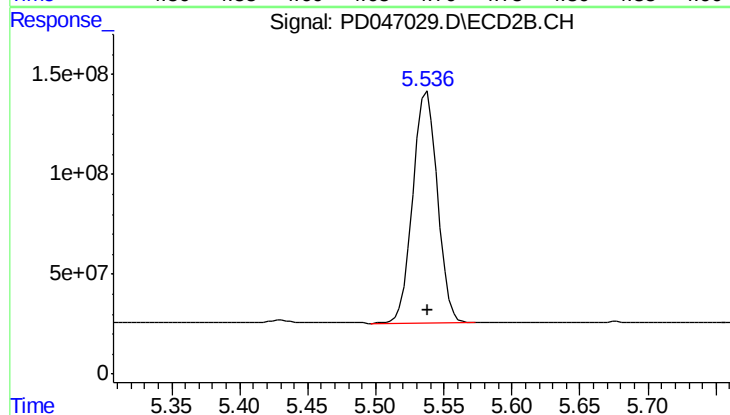
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 1499546078
Conc: 51.06 ng/ml



#5 Aldrin

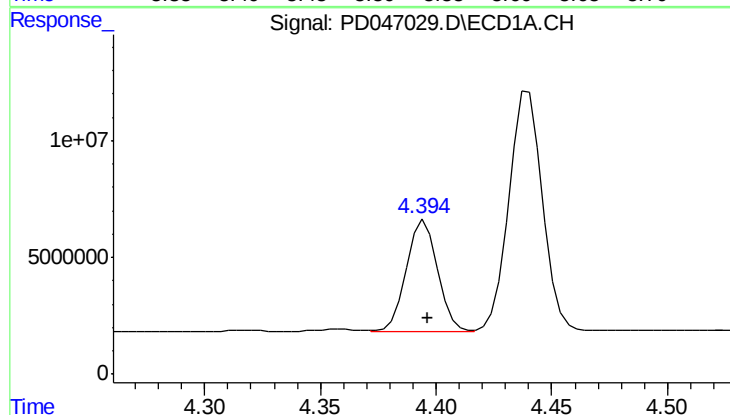
R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 102014192
Conc: 57.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



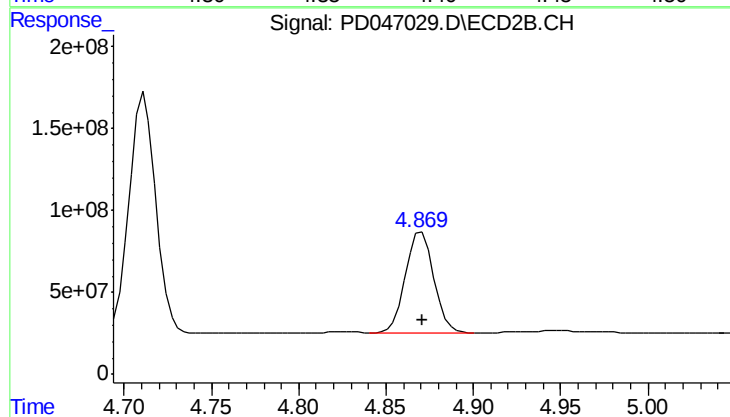
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 1442235082
Conc: 51.81 ng/ml



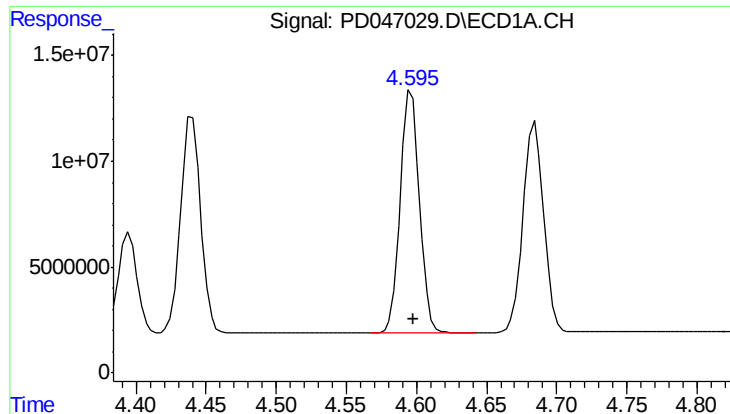
#6 beta-BHC

R.T.: 4.395 min
Delta R.T.: -0.001 min
Response: 44996446
Conc: 56.22 ng/ml



#6 beta-BHC

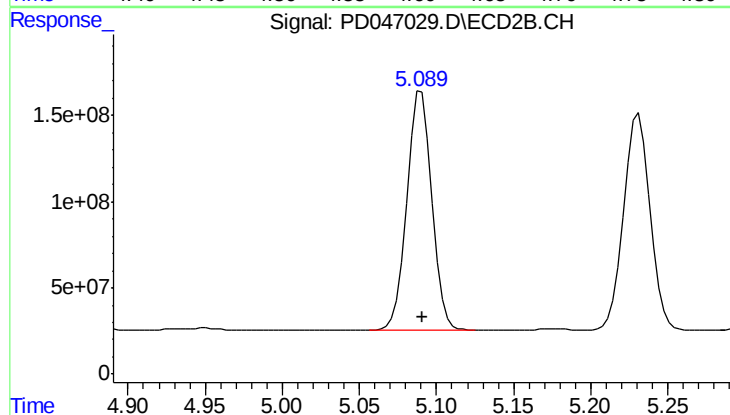
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 686135708
Conc: 51.21 ng/ml



#7 delta-BHC

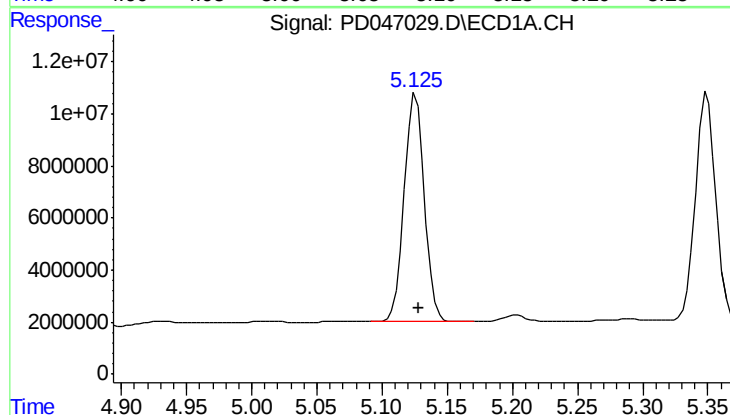
R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 108870936
Conc: 56.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



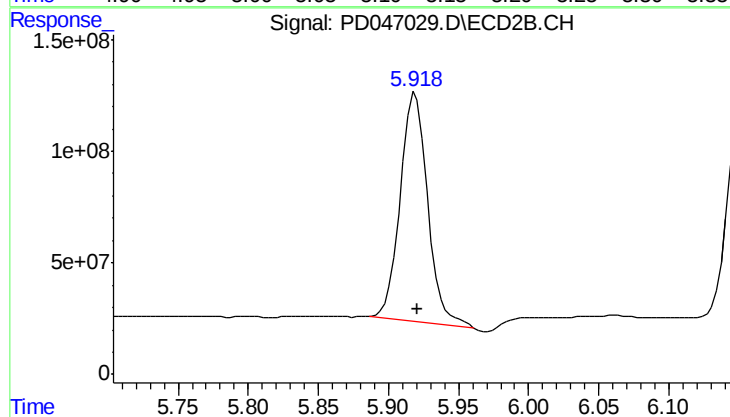
#7 delta-BHC

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 1559506106
Conc: 50.97 ng/ml



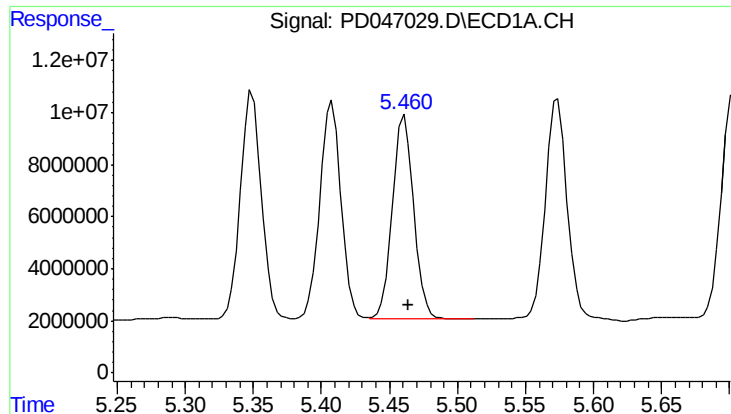
#8 Heptachlor epoxide

R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 93670697
Conc: 56.47 ng/ml



#8 Heptachlor epoxide

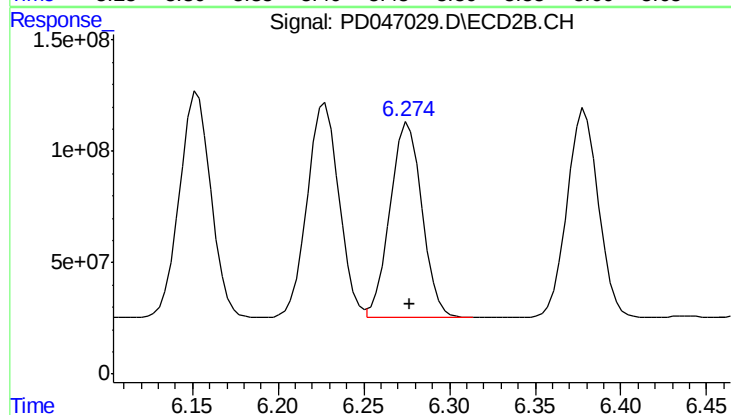
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 1385740637
Conc: 53.94 ng/ml



#9 Endosulfan I

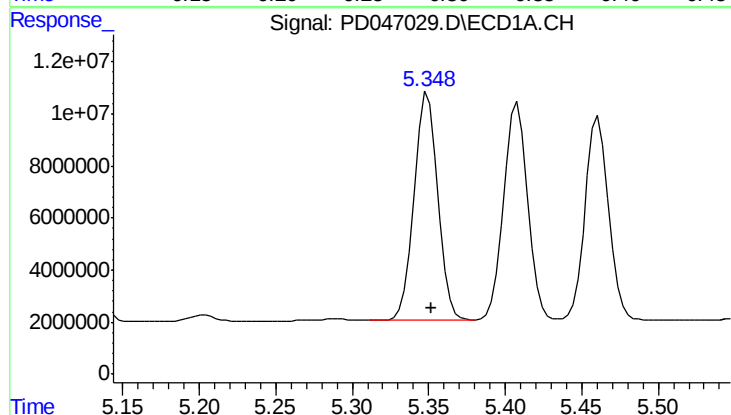
R.T.: 5.461 min
Delta R.T.: -0.003 min
Response: 85068046
Conc: 55.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



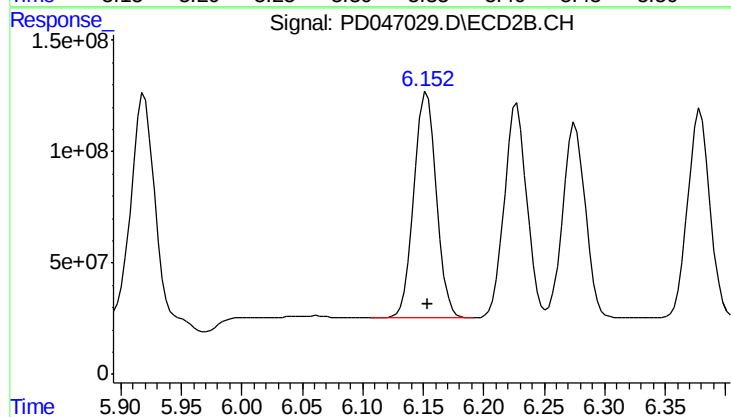
#9 Endosulfan I

R.T.: 6.276 min
Delta R.T.: -0.001 min
Response: 1135657949
Conc: 49.72 ng/ml



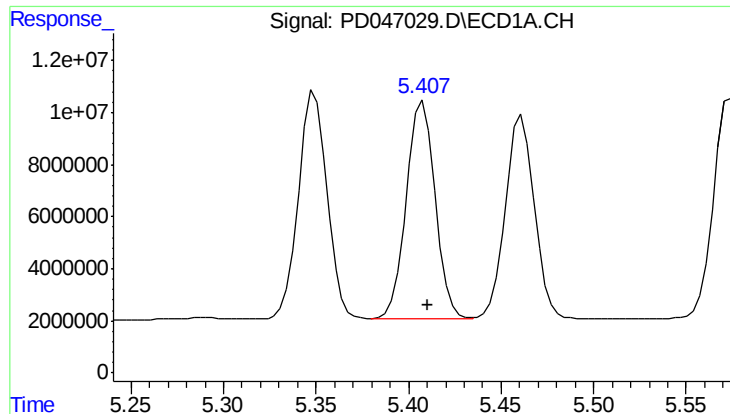
#10 gamma-Chlordane

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 93997369
Conc: 56.49 ng/ml



#10 gamma-Chlordane

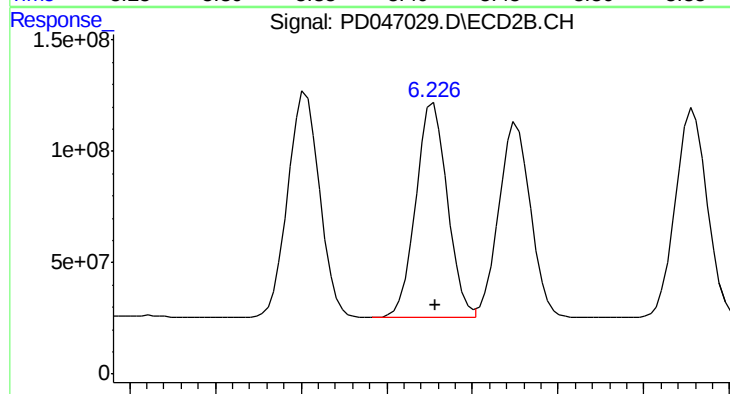
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 1301724926
Conc: 50.41 ng/ml



#11 alpha-Chlordane

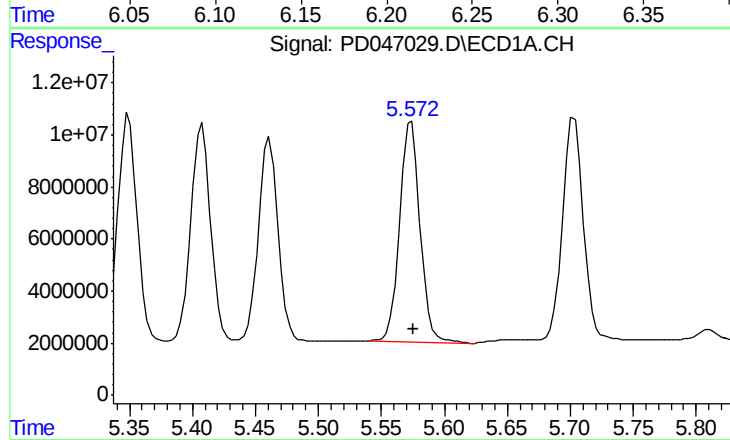
R.T.: 5.408 min
Delta R.T.: -0.002 min
Response: 90862074
Conc: 56.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



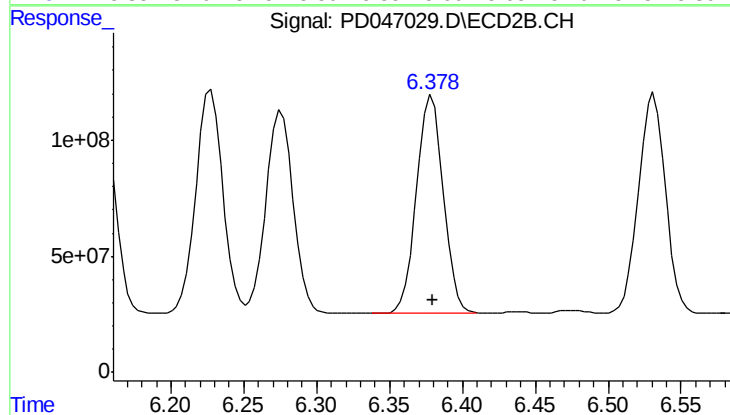
#11 alpha-Chlordane

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 1239783319
Conc: 49.94 ng/ml



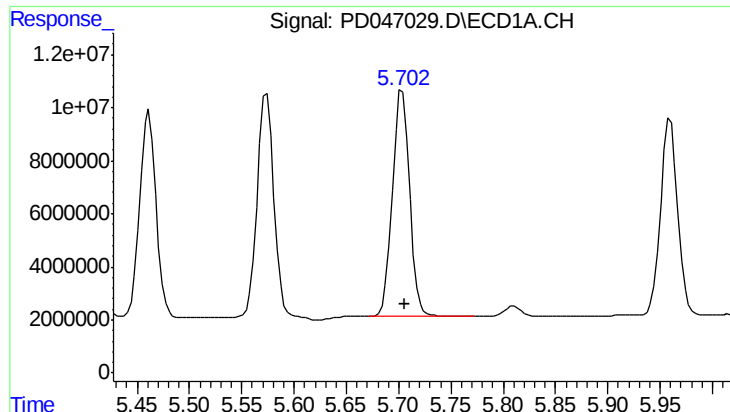
#12 4,4'-DDE

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 94919240
Conc: 56.88 ng/ml



#12 4,4'-DDE

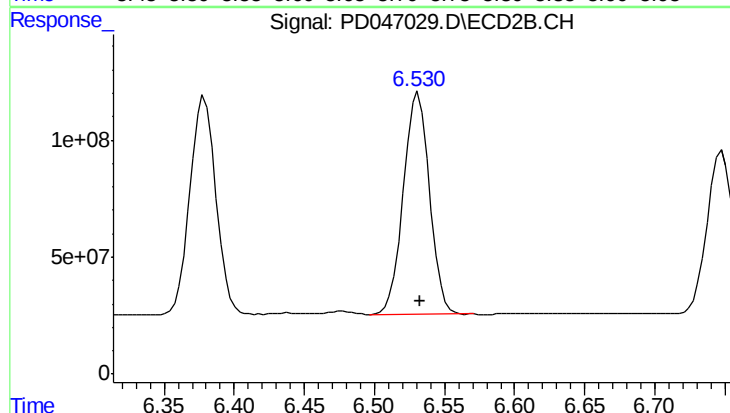
R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 1196131162
Conc: 48.63 ng/ml



#13 Dieldrin

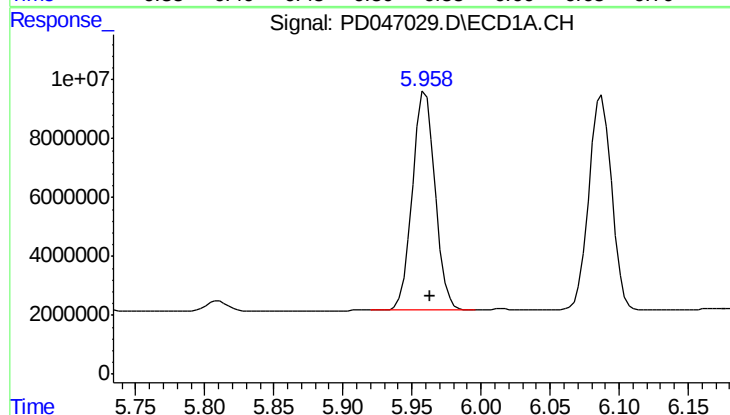
R.T.: 5.703 min
Delta R.T.: -0.002 min
Response: 97197285
Conc: 55.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



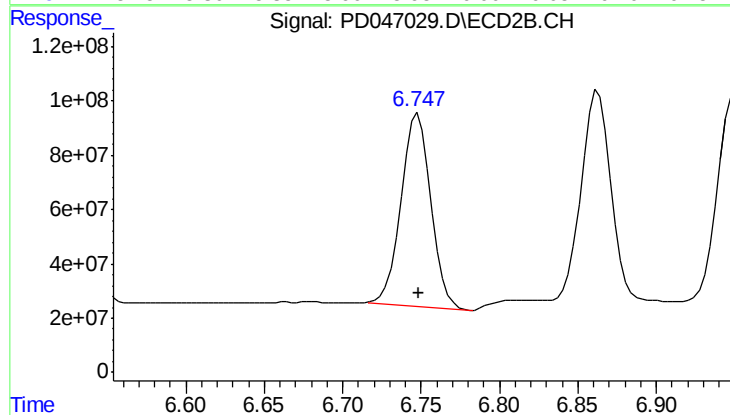
#13 Dieldrin

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 1221672418
Conc: 49.38 ng/ml



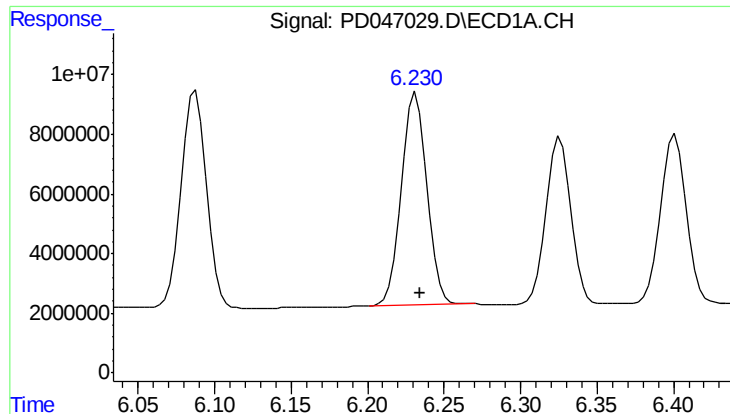
#14 Endrin

R.T.: 5.960 min
Delta R.T.: -0.003 min
Response: 84286479
Conc: 55.87 ng/ml



#14 Endrin

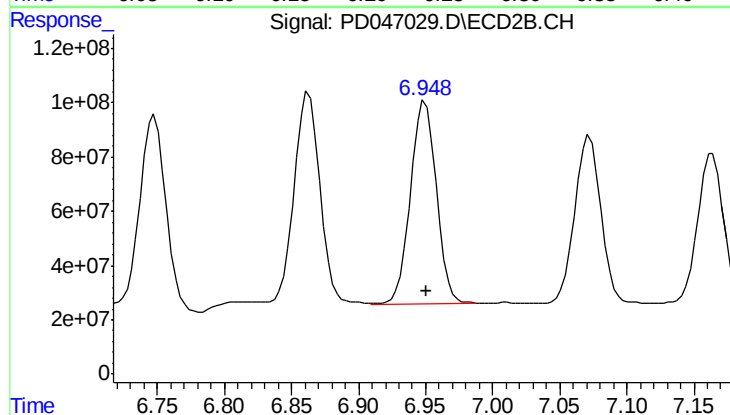
R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 948614928
Conc: 49.69 ng/ml



#15 Endosulfan II

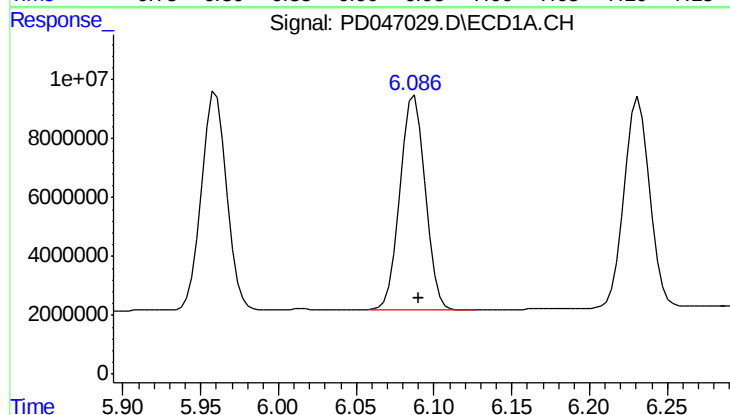
R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 82531488
Conc: 53.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



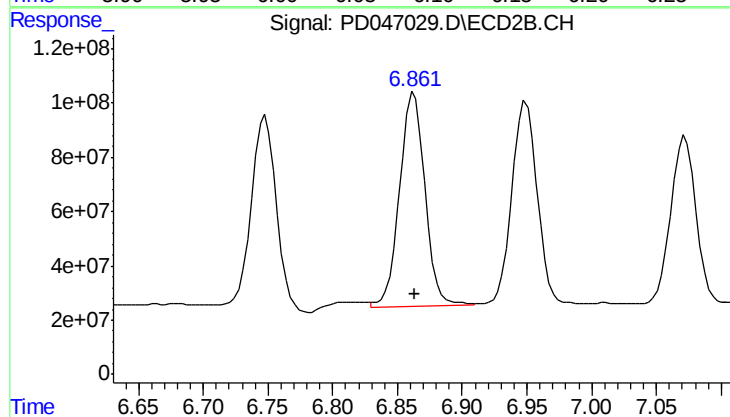
#15 Endosulfan II

R.T.: 6.949 min
Delta R.T.: -0.001 min
Response: 1015189376
Conc: 47.89 ng/ml



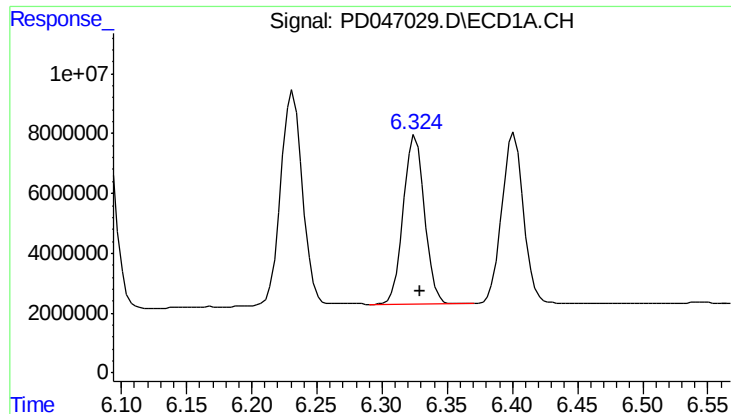
#16 4,4'-DDD

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 83667729
Conc: 60.50 ng/ml



#16 4,4'-DDD

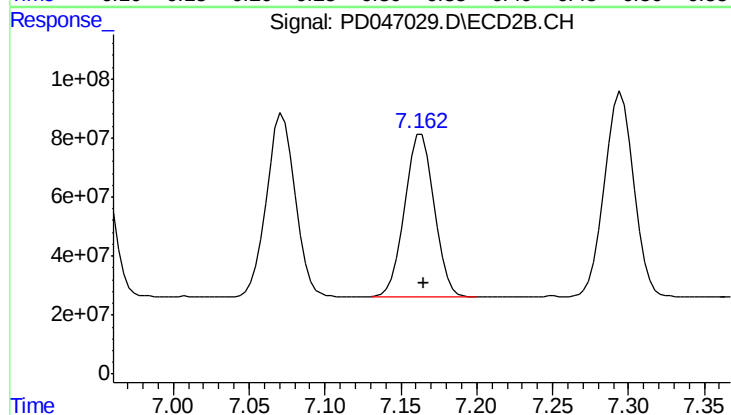
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 1078289245
Conc: 54.00 ng/ml



#17 4,4'-DDT

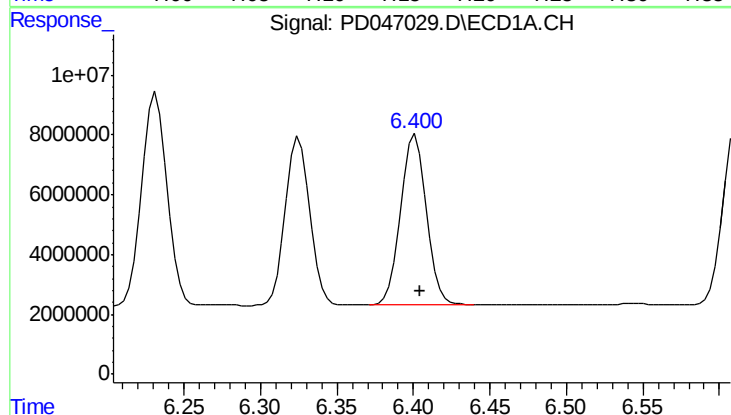
R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 63603456
Conc: 46.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



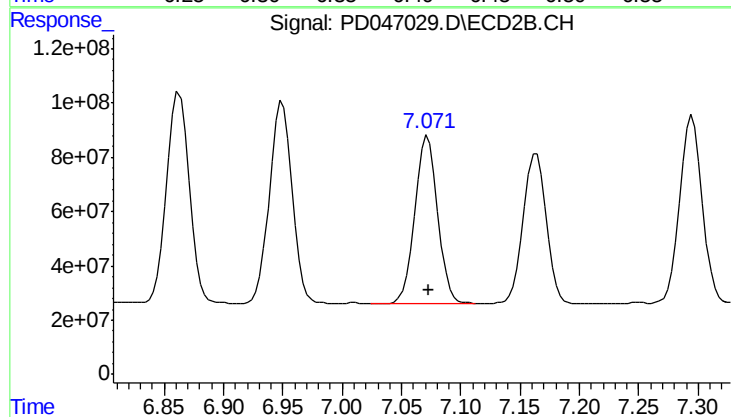
#17 4,4'-DDT

R.T.: 7.164 min
Delta R.T.: -0.001 min
Response: 739660085
Conc: 40.07 ng/ml



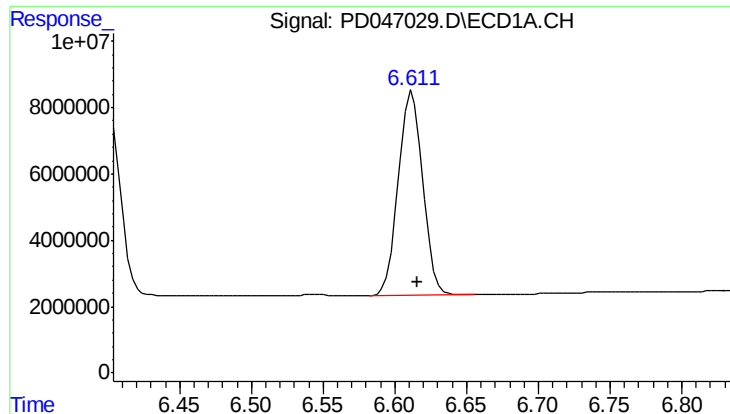
#18 Endrin aldehyde

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 66222010
Conc: 53.90 ng/ml



#18 Endrin aldehyde

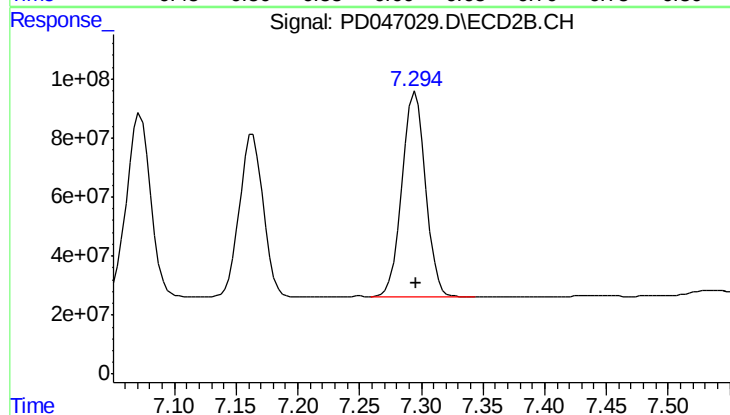
R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 831350944
Conc: 46.81 ng/ml



#19 Endosulfan Sulfate

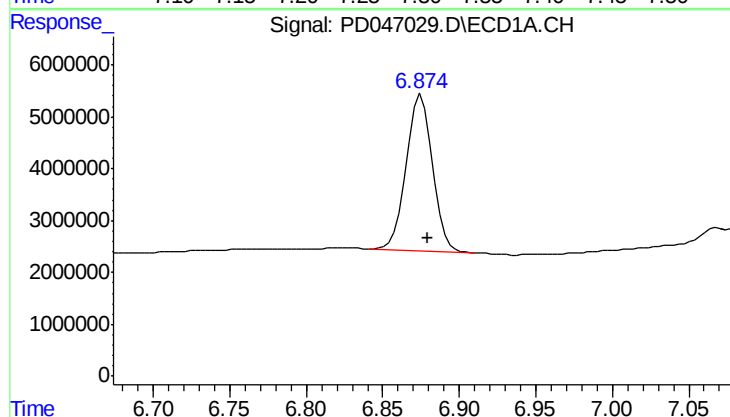
R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 72445235
Conc: 53.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



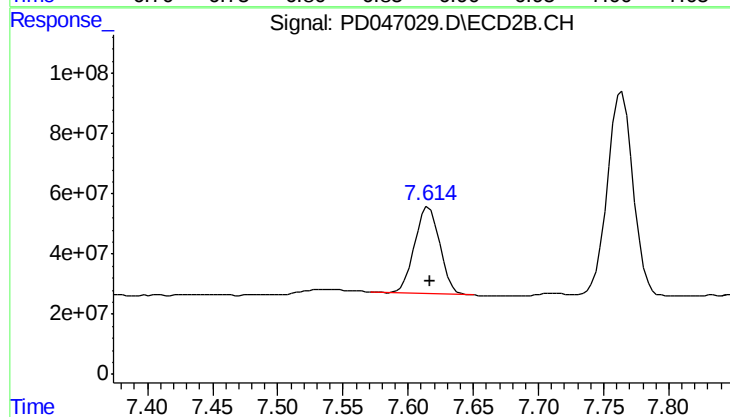
#19 Endosulfan Sulfate

R.T.: 7.295 min
Delta R.T.: -0.001 min
Response: 925106923
Conc: 45.85 ng/ml



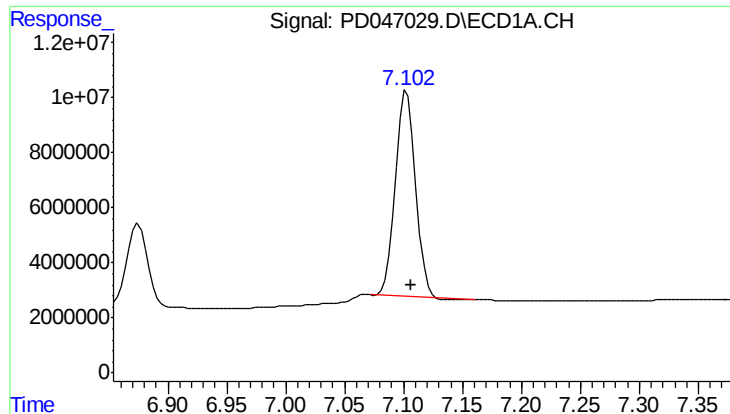
#20 Methoxychlor

R.T.: 6.875 min
Delta R.T.: -0.004 min
Response: 35589752
Conc: 48.35 ng/ml



#20 Methoxychlor

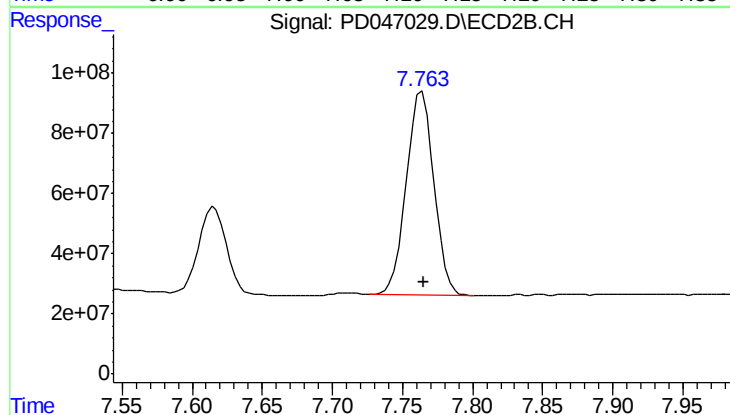
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 386905266
Conc: 39.99 ng/ml



#21 Endrin ketone

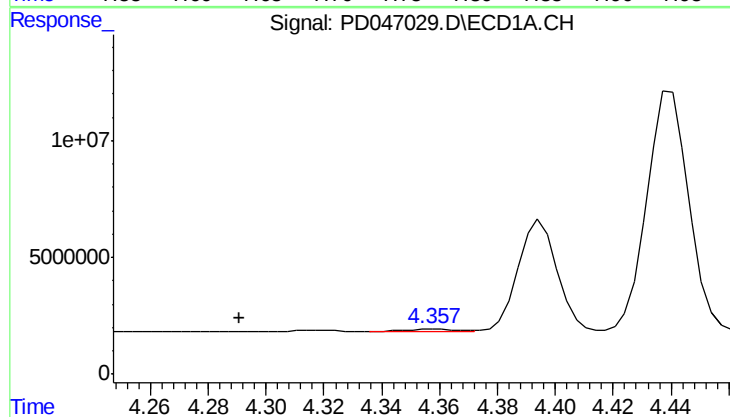
R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 88796767
Conc: 52.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



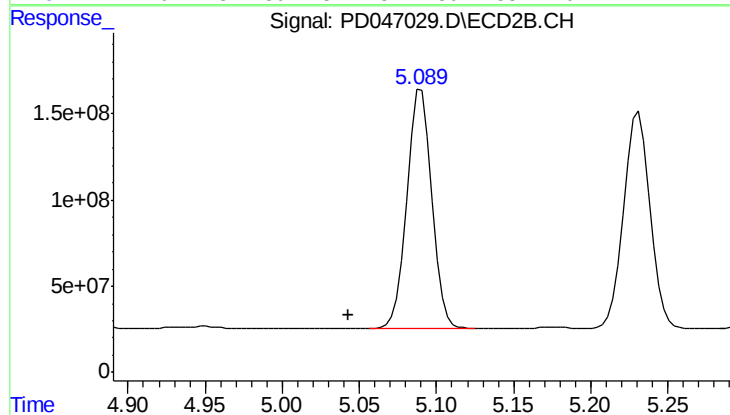
#21 Endrin ketone

R.T.: 7.764 min
Delta R.T.: -0.001 min
Response: 923247674
Conc: 47.76 ng/ml



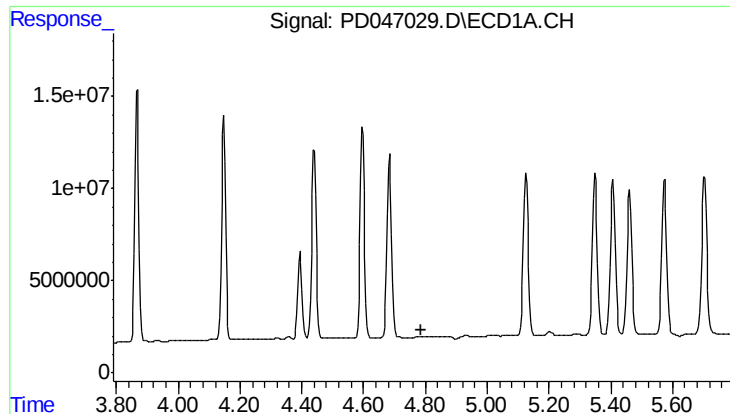
#23 Chlordane-1

R.T.: 4.359 min
Delta R.T.: 0.008 min
Response: 1271686
Conc: 20.66 ng/ml



#23 Chlordane-1

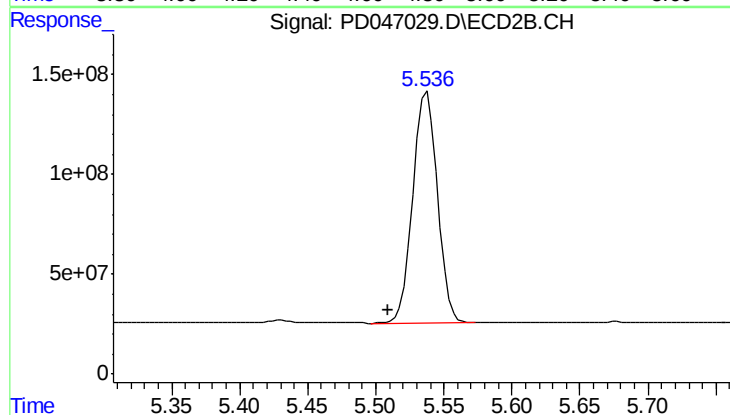
R.T.: 5.090 min
Delta R.T.: 0.047 min
Response: 1559506106
Conc: 1344.70 ng/ml



#24 Chlordane-2

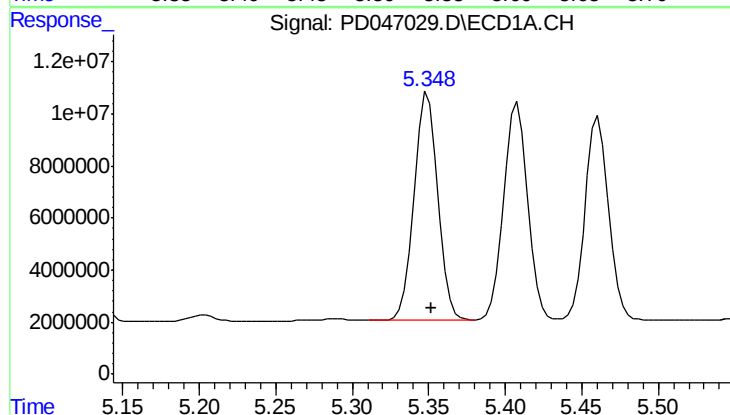
R.T.: 0.000 min
Exp R.T.: 4.788 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



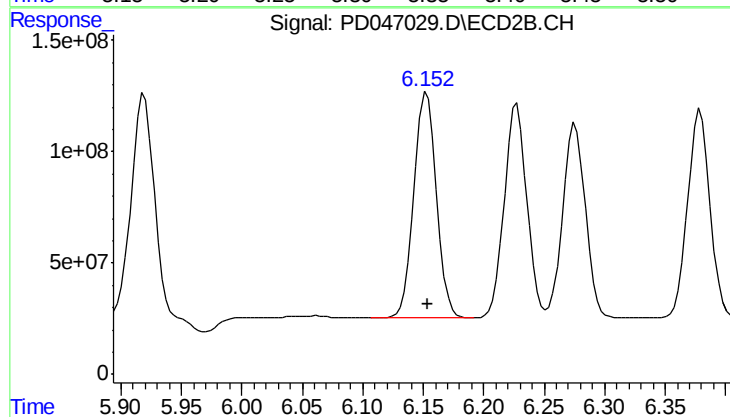
#24 Chlordane-2

R.T.: 5.538 min
Delta R.T.: 0.029 min
Response: 1442235082
Conc: 1308.45 ng/ml



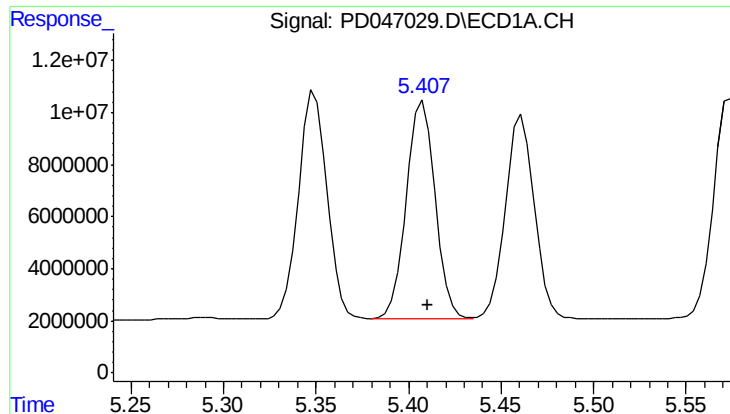
#25 Chlordane-3

R.T.: 5.350 min
Delta R.T.: -0.003 min
Response: 93997369
Conc: 500.00 ng/ml



#25 Chlordane-3

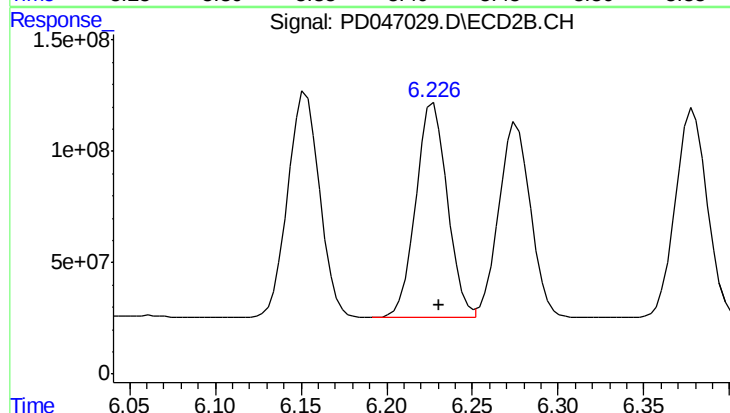
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 1301724926
Conc: 370.20 ng/ml



#26 Chlordane-4

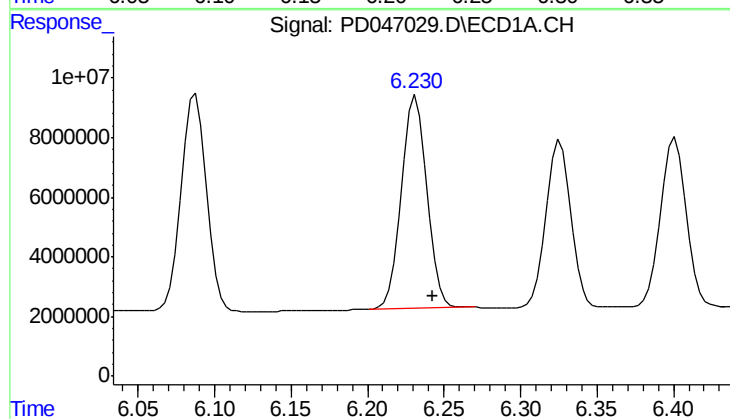
R.T.: 5.408 min
Delta R.T.: -0.002 min
Response: 90862074
Conc: 548.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



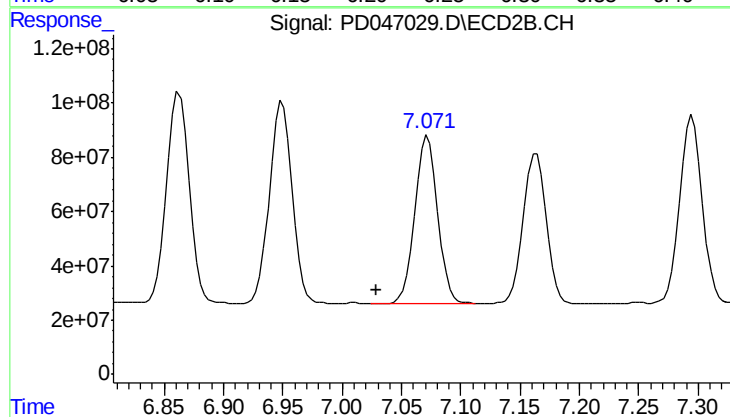
#26 Chlordane-4

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 1239783319
Conc: 308.03 ng/ml



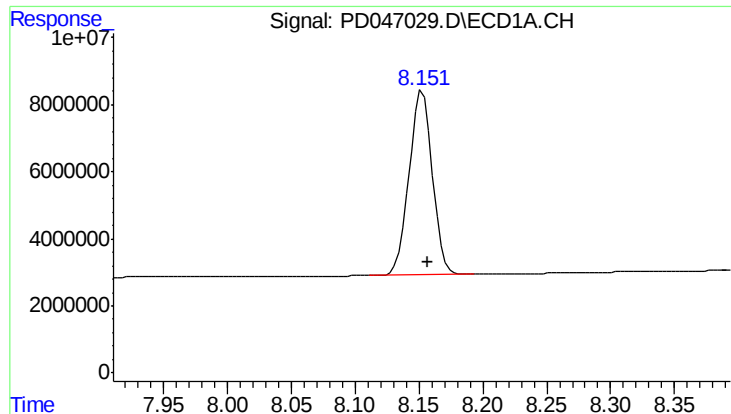
#27 Chlordane-5

R.T.: 6.232 min
Delta R.T.: -0.011 min
Response: 82531488
Conc: 1353.03 ng/ml



#27 Chlordane-5

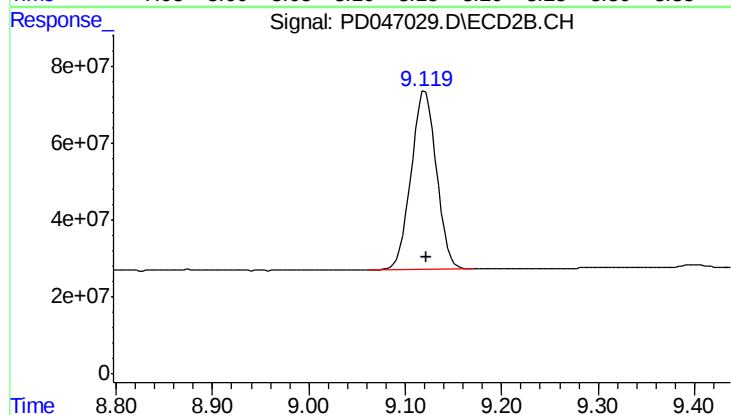
R.T.: 7.072 min
Delta R.T.: 0.043 min
Response: 831350944
Conc: 973.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.153 min
Delta R.T.: -0.004 min
Response: 69728895
Conc: 51.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-PH3-ARE-01



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.002 min
Response: 838712454
Conc: 46.62 ng/ml