

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042619\
 Data File : PL047874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2019 18:14
 Operator : AJ\SJ
 Sample : K2203-18MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-03-042419-AMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 23:15:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042419.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 25 01:53:03 2019
 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...	3.330	3.943	179.8E6	51525919	19.441	21.584
28)	SA Decachlor...	8.006	8.986	187.9E6	51113083	16.788	17.906
Target Compounds							
2)	A alpha-BHC	3.759	4.332	784.6E6	194.8E6	53.672	58.696
3)	MA gamma-BHC...	4.035	4.616	741.0E6	174.3E6	55.908	55.560
4)	MA Heptachlor	4.321	5.120	773.9E6	187.3E6	54.318	55.722
5)	MB Aldrin	4.560	5.423	735.5E6	172.7E6	52.818	55.330
6)	B beta-BHC	4.289	4.790	303.5E6	83015842	53.722	57.617
7)	B delta-BHC	4.484	5.005	620.4E6	135.9E6	47.756	54.098
8)	B Heptachlor...	4.998	5.810	685.4E6	162.1E6	53.482	58.015
9)	A Endosulfan I	5.329	6.166	643.9E6	153.0E6	53.243	54.502
10)	B gamma-Chl...	5.221	6.044	706.5E6	165.7E6	53.065	54.768
11)	B alpha-Chl...	5.277	6.116	688.1E6	164.6E6	52.730	54.413
12)	B 4,4'-DDE	5.445	6.276	667.8E6	153.6E6	53.690	55.609
13)	MA Dieldrin	5.568	6.423	696.5E6	161.2E6	53.650	55.135
14)	MA Endrin	5.821	6.639	631.6E6	138.7E6	53.148	54.286
15)	B Endosulfa...	6.096	6.851	590.8E6	140.9E6	52.767	53.703
16)	A 4,4'-DDD	5.957	6.767	529.7E6	126.2E6	53.868	56.204
17)	MA 4,4'-DDT	6.191	7.064	520.1E6	126.1E6	52.163	52.920
18)	B Endrin al...	6.263	6.974	484.4E6	121.0E6	51.345	52.366
19)	B Endosulfa...	6.475	7.197	552.5E6	136.7E6	49.572	49.936
20)	A Methoxychlor	6.736	7.524	267.5E6	71449311	50.303	50.957
21)	B Endrin ke...	6.957	7.666	624.7E6	149.2E6	52.682	53.062
22)	Mirex	7.132	8.117	463.1E6	118.5E6	49.335	50.922
23)	Chlordane-1	4.168	5.005	4928830	135.9E6	11.400	530.477 #
24)	Chlordane-2	0.000	5.423	0	172.7E6	N.D.	554.932 #
25)	Chlordane-3	5.277	6.116	688.1E6	164.6E6	521.905	555.729
26)	Chlordane-4	5.329	6.166	643.9E6	153.0E6	524.013	555.714
27)	Chlordane-5	6.096	6.974	590.8E6	121.0E6	1393.481	536.855 #

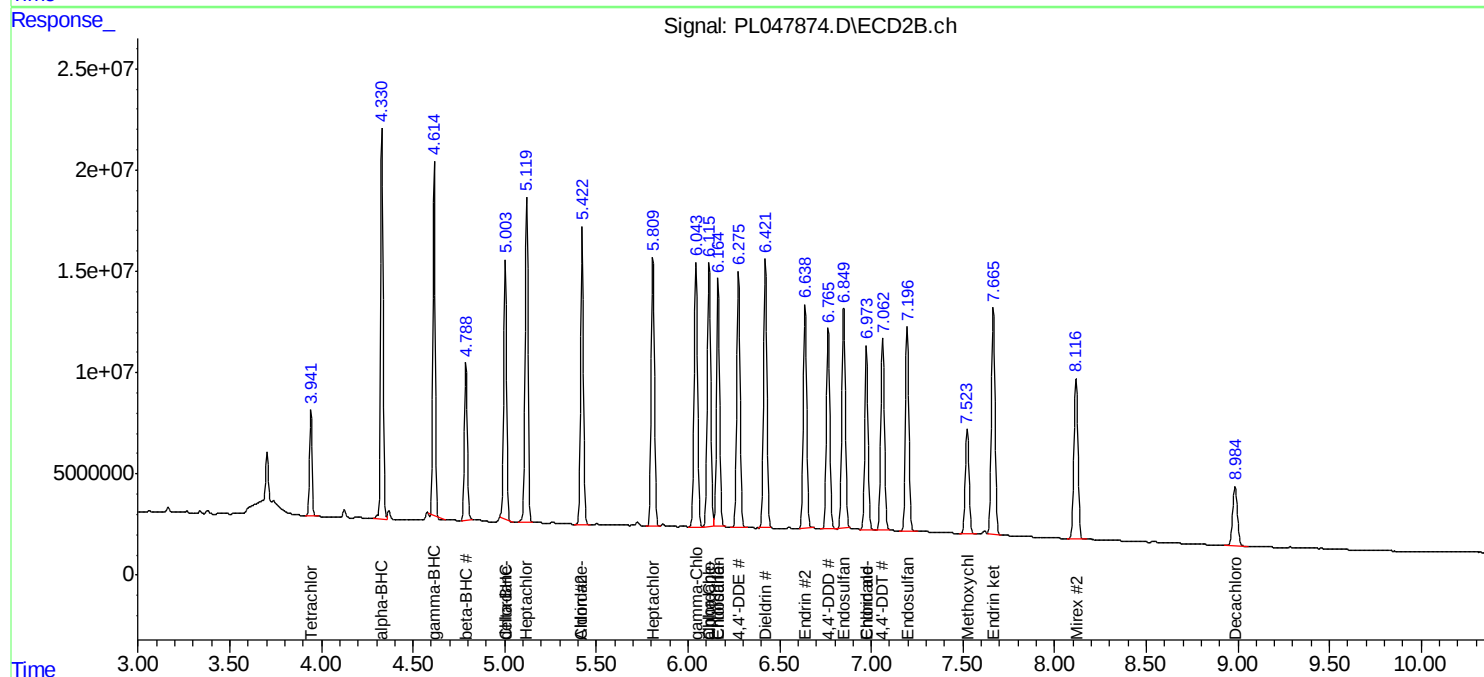
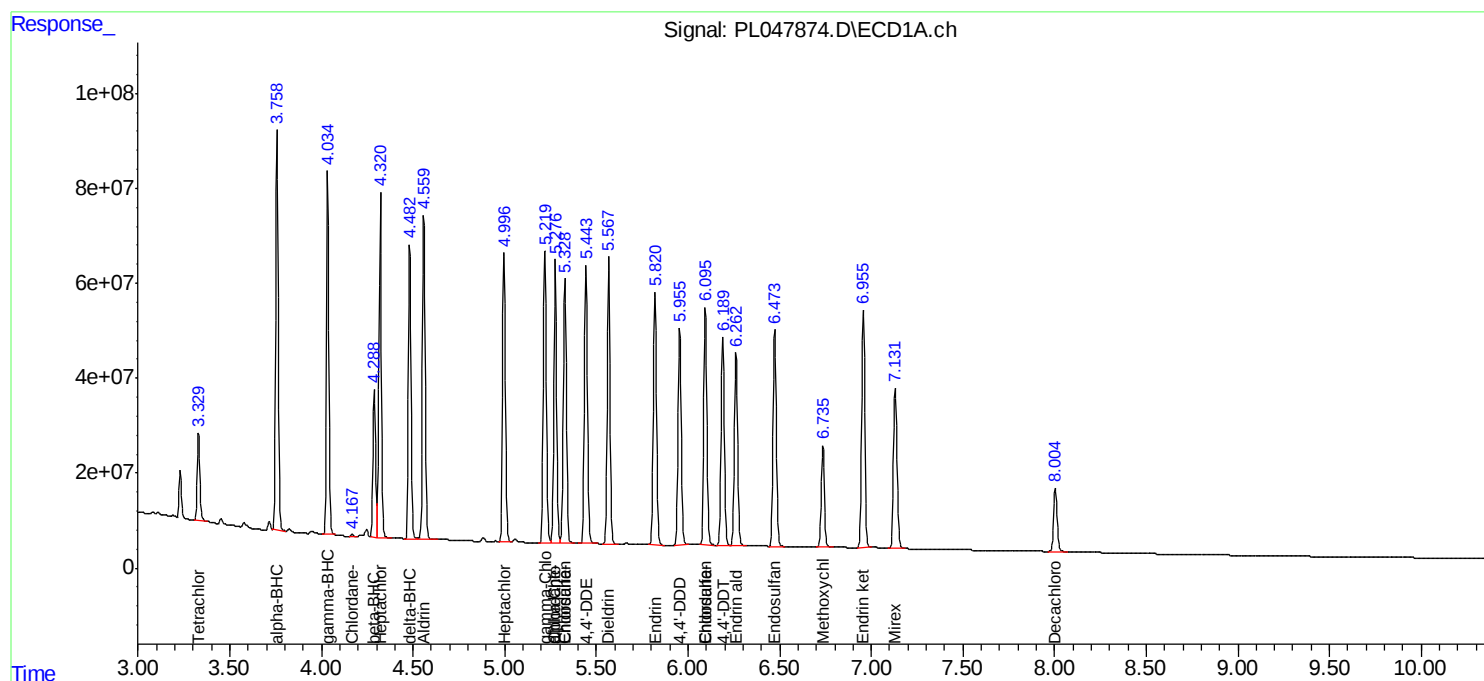
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

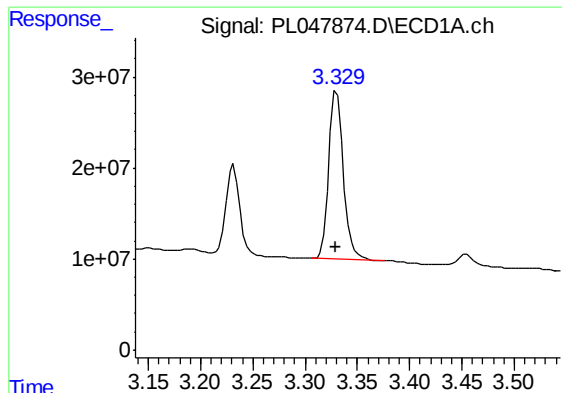
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042619\
 Data File : PL047874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

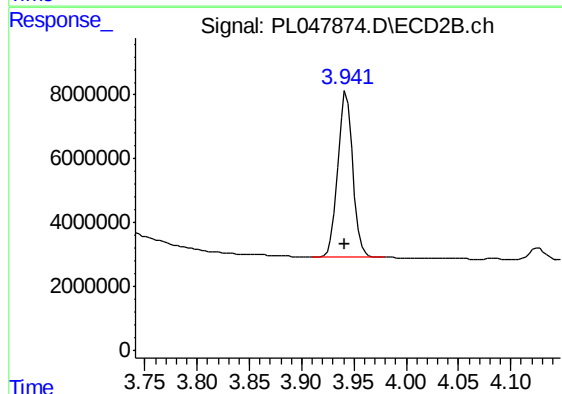




#1 Tetrachloro-m-xylene

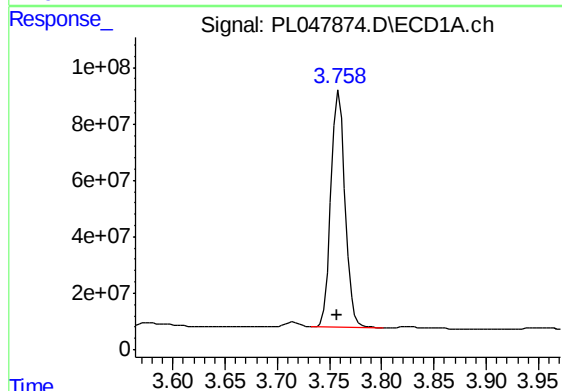
R.T.: 3.330 min
Delta R.T.: 0.001 min
Response: 179797053
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



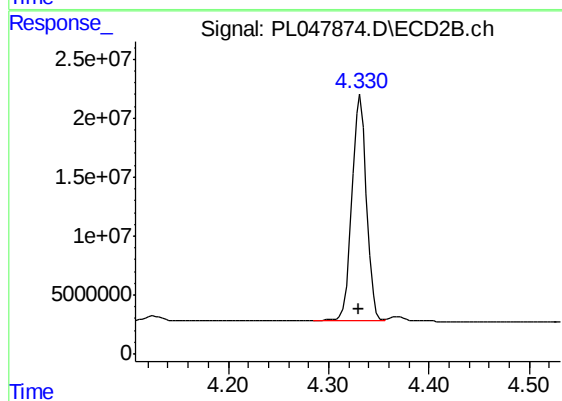
#1 Tetrachloro-m-xylene

R.T.: 3.943 min
Delta R.T.: 0.001 min
Response: 51525919
Conc: 21.58 ng/ml



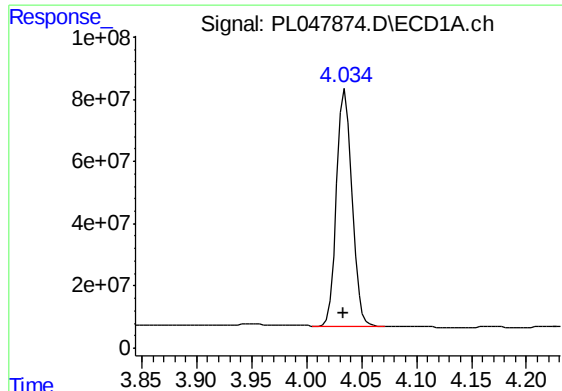
#2 alpha-BHC

R.T.: 3.759 min
Delta R.T.: 0.002 min
Response: 784597599
Conc: 53.67 ng/ml



#2 alpha-BHC

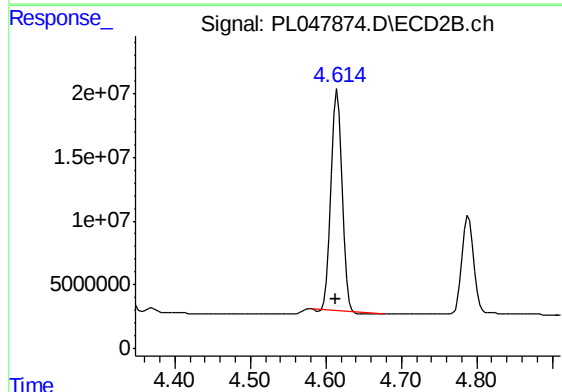
R.T.: 4.332 min
Delta R.T.: 0.002 min
Response: 194795907
Conc: 58.70 ng/ml



#3 gamma-BHC (Lindane)

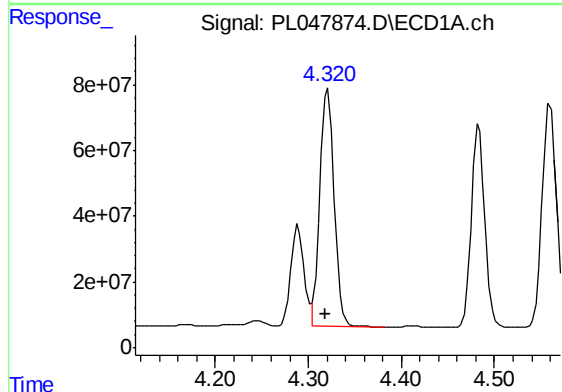
R.T.: 4.035 min
Delta R.T.: 0.002 min
Response: 741040051
Conc: 55.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



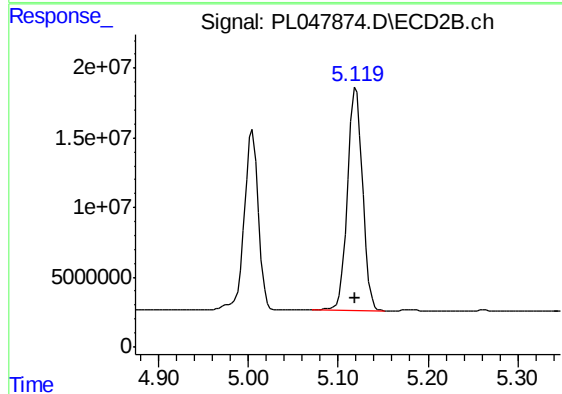
#3 gamma-BHC (Lindane)

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 174263790
Conc: 55.56 ng/ml



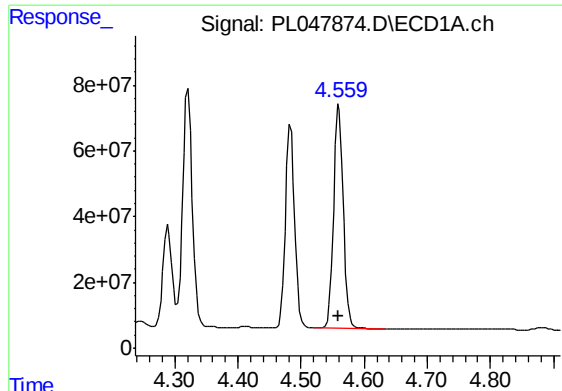
#4 Heptachlor

R.T.: 4.321 min
Delta R.T.: 0.002 min
Response: 773925890
Conc: 54.32 ng/ml



#4 Heptachlor

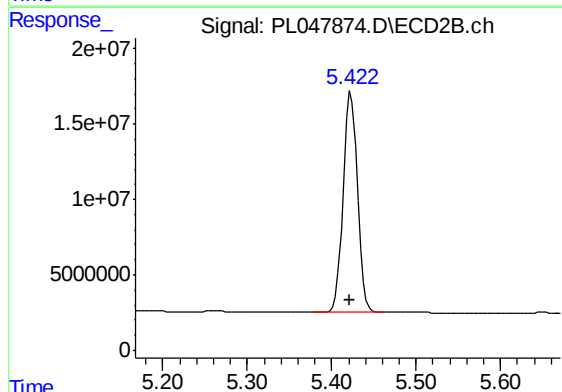
R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 187270272
Conc: 55.72 ng/ml



#5 Aldrin

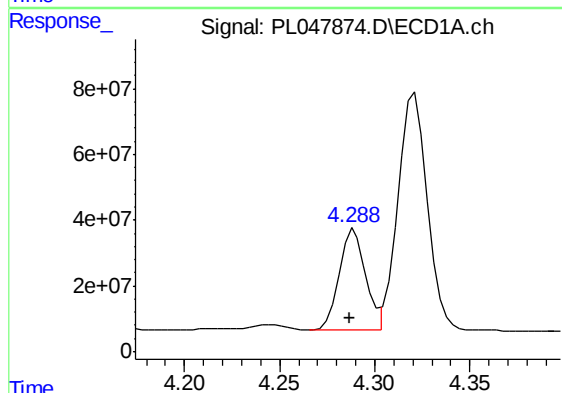
R.T.: 4.560 min
Delta R.T.: 0.002 min
Response: 735525474
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



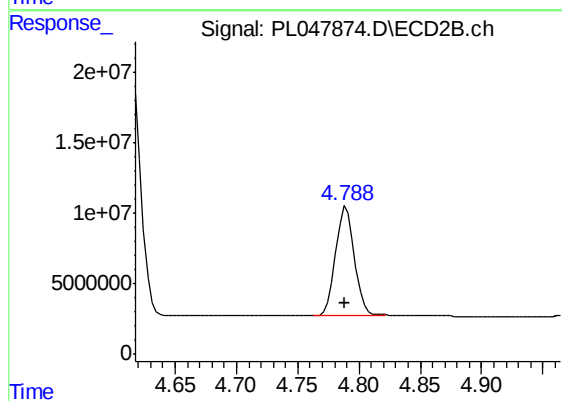
#5 Aldrin

R.T.: 5.423 min
Delta R.T.: 0.002 min
Response: 172683181
Conc: 55.33 ng/ml



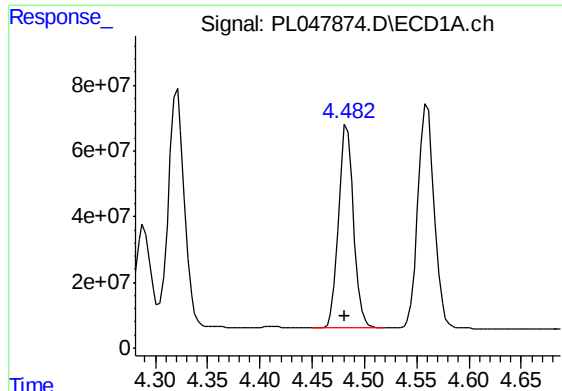
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 303533022
Conc: 53.72 ng/ml



#6 beta-BHC

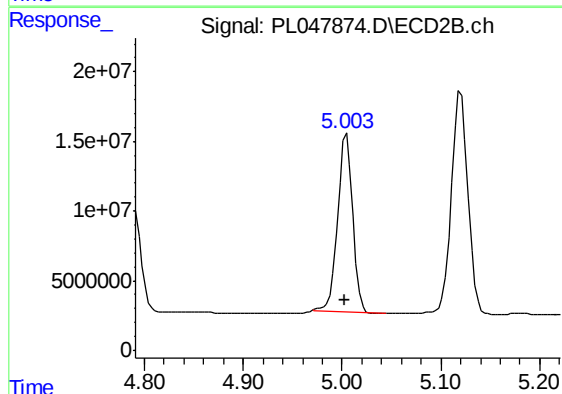
R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 83015842
Conc: 57.62 ng/ml



#7 delta-BHC

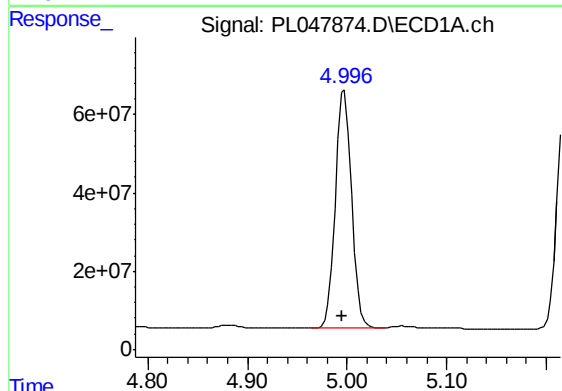
R.T.: 4.484 min
Delta R.T.: 0.002 min
Response: 620380516
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



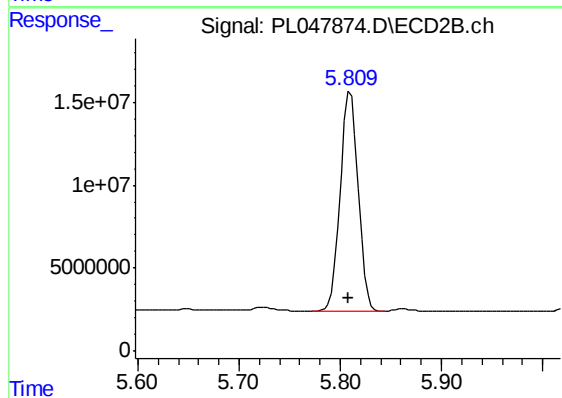
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 135910235
Conc: 54.10 ng/ml



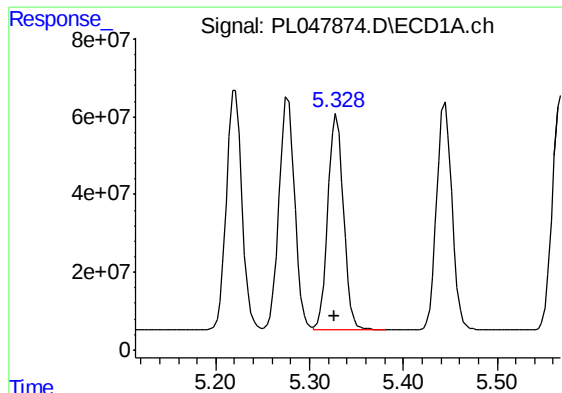
#8 Heptachlor epoxide

R.T.: 4.998 min
Delta R.T.: 0.002 min
Response: 685381236
Conc: 53.48 ng/ml



#8 Heptachlor epoxide

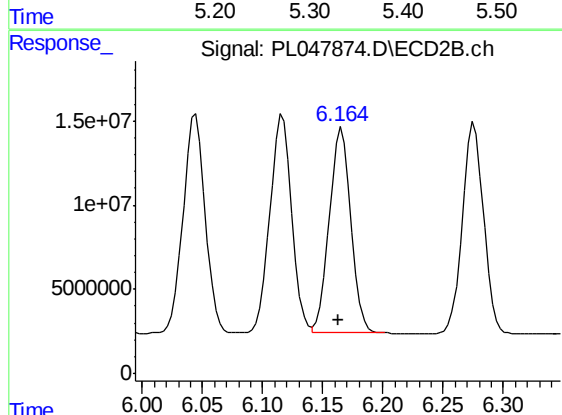
R.T.: 5.810 min
Delta R.T.: 0.002 min
Response: 162137766
Conc: 58.02 ng/ml



#9 Endosulfan I

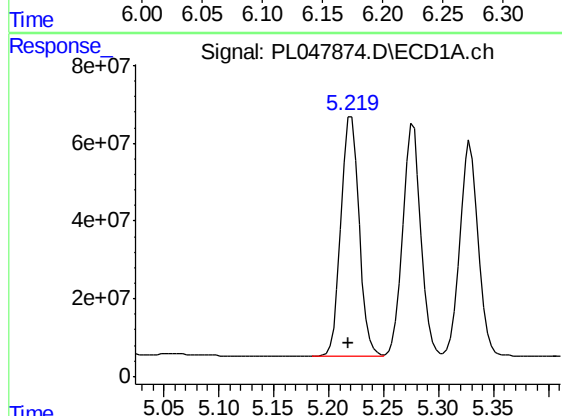
R.T.: 5.329 min
Delta R.T.: 0.003 min
Response: 643876059
Conc: 53.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



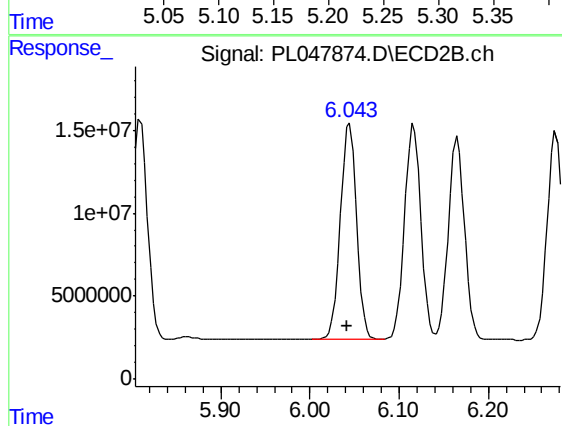
#9 Endosulfan I

R.T.: 6.166 min
Delta R.T.: 0.002 min
Response: 153042020
Conc: 54.50 ng/ml



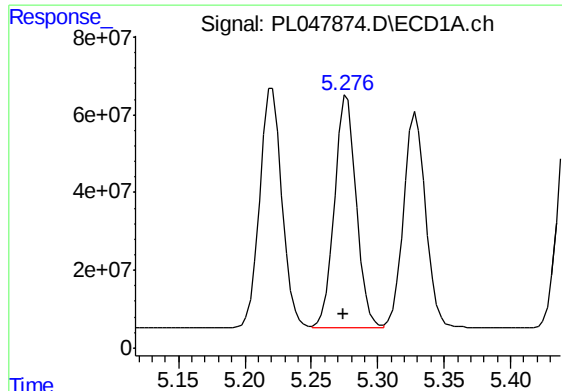
#10 gamma-Chlordane

R.T.: 5.221 min
Delta R.T.: 0.003 min
Response: 706478390
Conc: 53.06 ng/ml



#10 gamma-Chlordane

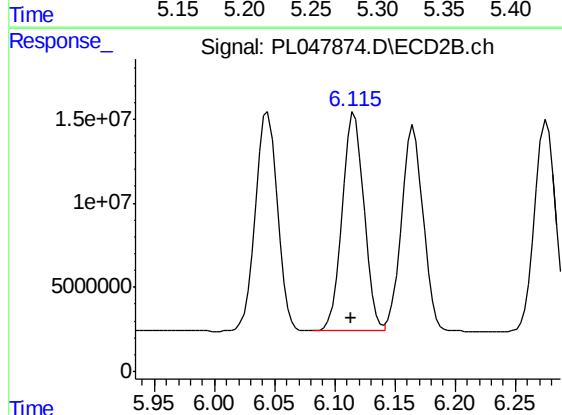
R.T.: 6.044 min
Delta R.T.: 0.003 min
Response: 165745150
Conc: 54.77 ng/ml



#11 alpha-Chlordane

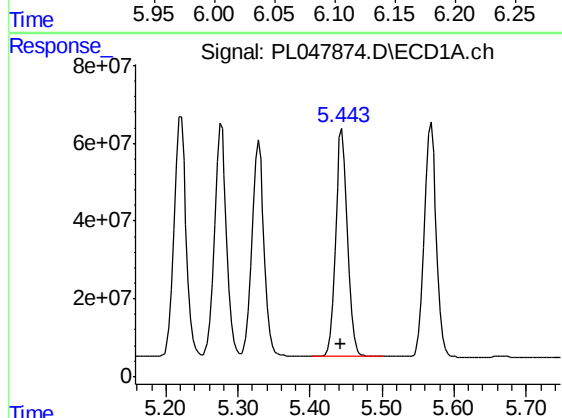
R.T.: 5.277 min
Delta R.T.: 0.003 min
Response: 688064944
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



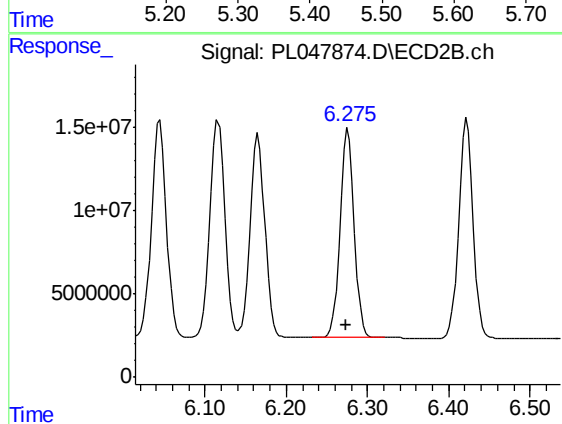
#11 alpha-Chlordane

R.T.: 6.116 min
Delta R.T.: 0.003 min
Response: 164621601
Conc: 54.41 ng/ml



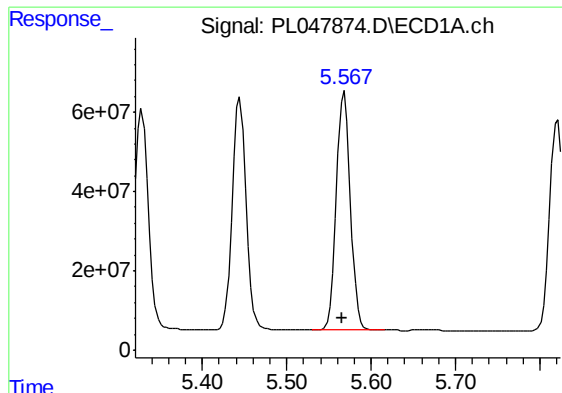
#12 4,4'-DDE

R.T.: 5.445 min
Delta R.T.: 0.003 min
Response: 667845303
Conc: 53.69 ng/ml



#12 4,4'-DDE

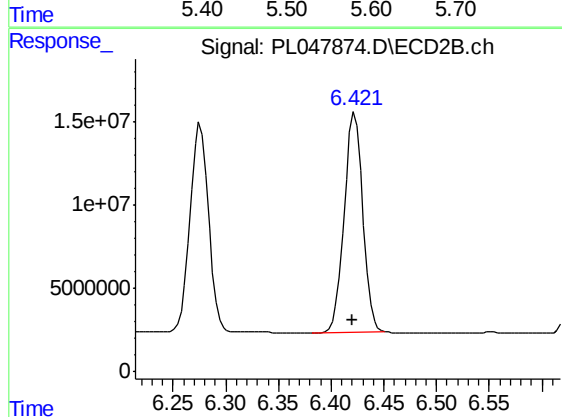
R.T.: 6.276 min
Delta R.T.: 0.003 min
Response: 153556336
Conc: 55.61 ng/ml



#13 Dielldrin

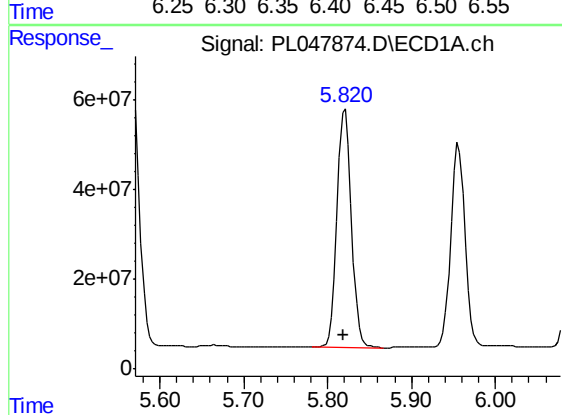
R.T.: 5.568 min
Delta R.T.: 0.002 min
Response: 696470554
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



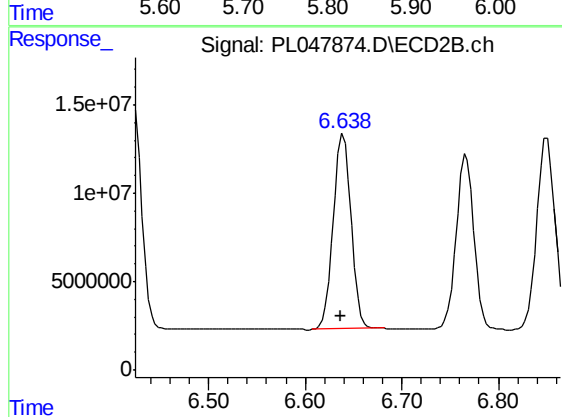
#13 Dielldrin

R.T.: 6.423 min
Delta R.T.: 0.003 min
Response: 161181437
Conc: 55.13 ng/ml



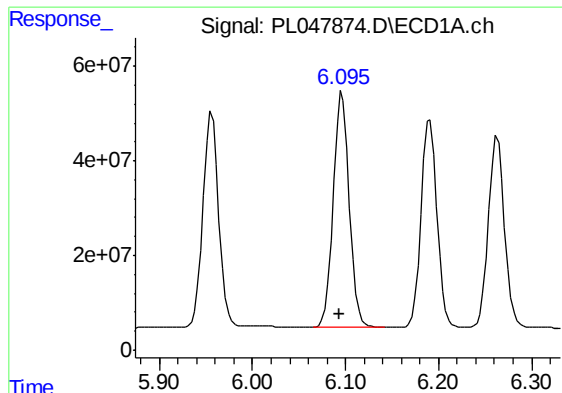
#14 Endrin

R.T.: 5.821 min
Delta R.T.: 0.003 min
Response: 631594172
Conc: 53.15 ng/ml



#14 Endrin

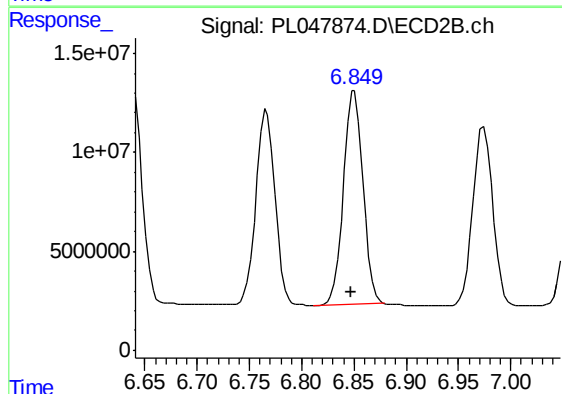
R.T.: 6.639 min
Delta R.T.: 0.003 min
Response: 138666553
Conc: 54.29 ng/ml



#15 Endosulfan II

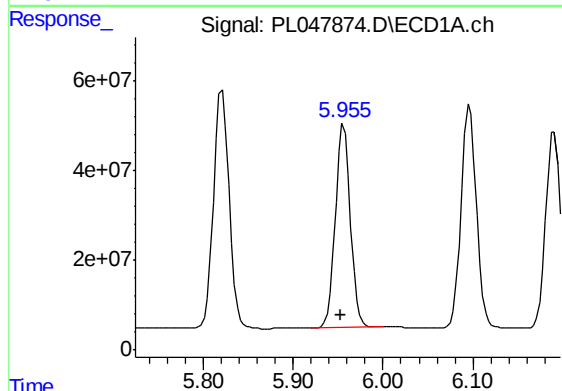
R.T.: 6.096 min
Delta R.T.: 0.003 min
Response: 590800177
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



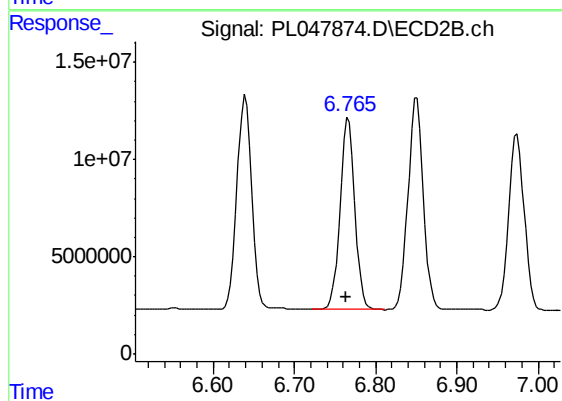
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 140895815
Conc: 53.70 ng/ml



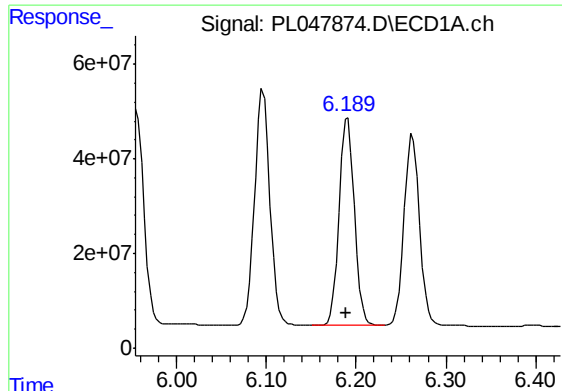
#16 4,4'-DDD

R.T.: 5.957 min
Delta R.T.: 0.003 min
Response: 529690540
Conc: 53.87 ng/ml



#16 4,4'-DDD

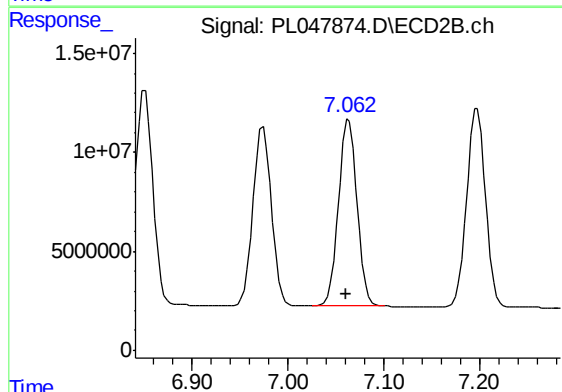
R.T.: 6.767 min
Delta R.T.: 0.003 min
Response: 126182851
Conc: 56.20 ng/ml



#17 4,4'-DDT

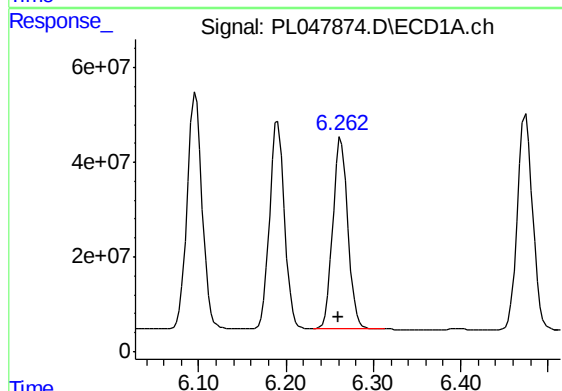
R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 520055561
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



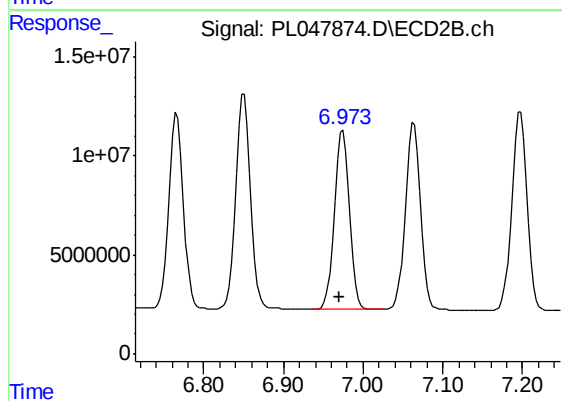
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 126065963
Conc: 52.92 ng/ml



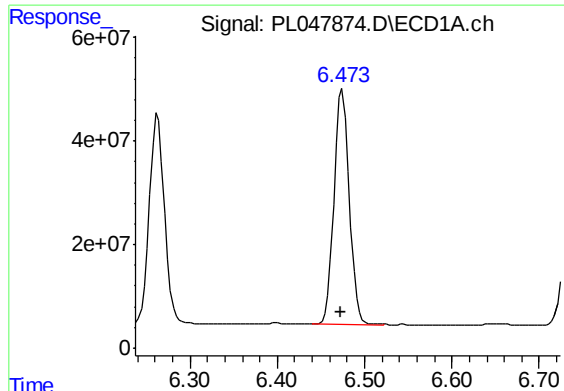
#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.003 min
Response: 484441083
Conc: 51.34 ng/ml



#18 Endrin aldehyde

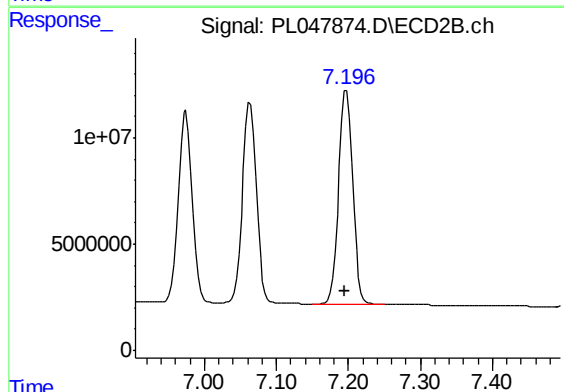
R.T.: 6.974 min
Delta R.T.: 0.003 min
Response: 120983529
Conc: 52.37 ng/ml



#19 Endosulfan Sulfate

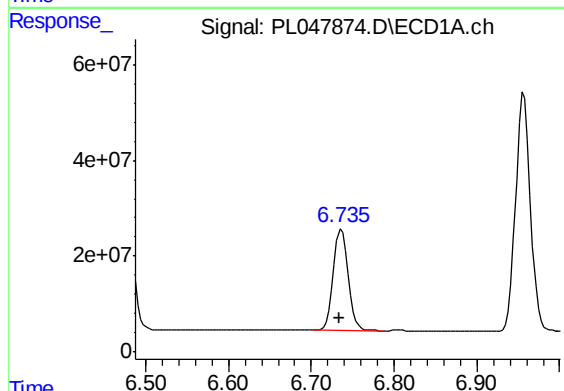
R.T.: 6.475 min
Delta R.T.: 0.003 min
Response: 552544340
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



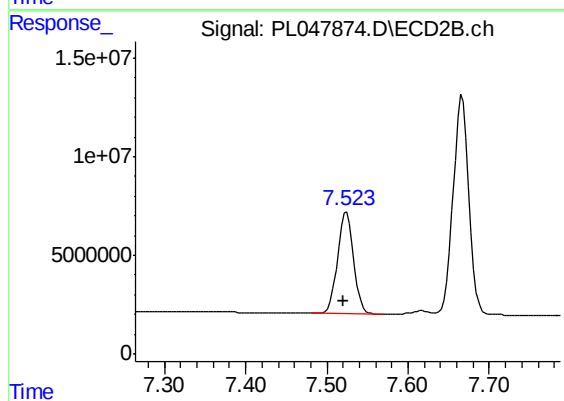
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.003 min
Response: 136749335
Conc: 49.94 ng/ml



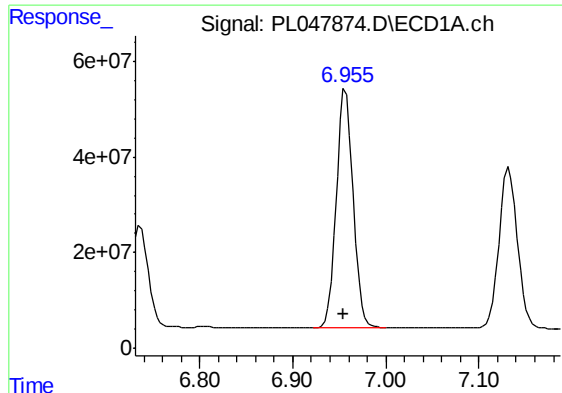
#20 Methoxychlor

R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 267546119
Conc: 50.30 ng/ml



#20 Methoxychlor

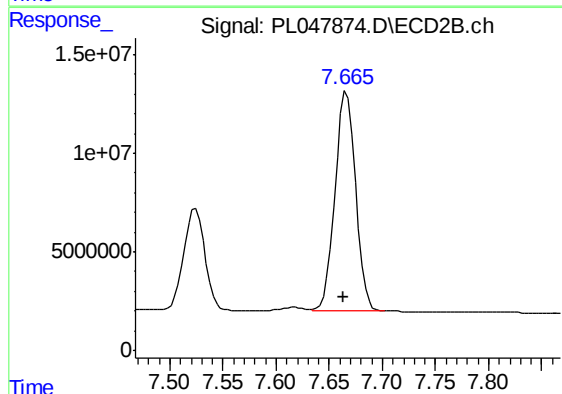
R.T.: 7.524 min
Delta R.T.: 0.003 min
Response: 71449311
Conc: 50.96 ng/ml



#21 Endrin ketone

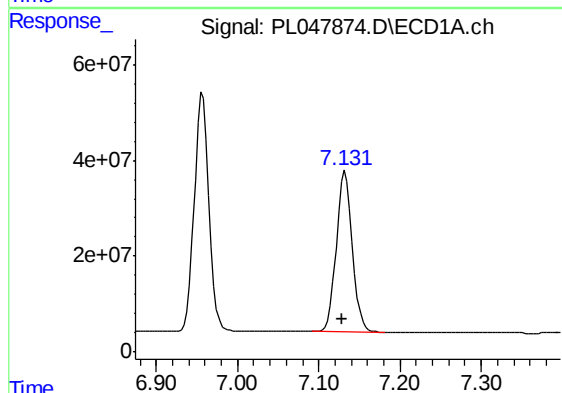
R.T.: 6.957 min
Delta R.T.: 0.002 min
Response: 624738281
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



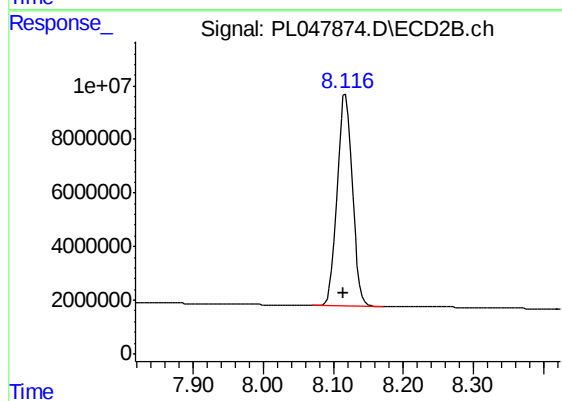
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.003 min
Response: 149193671
Conc: 53.06 ng/ml



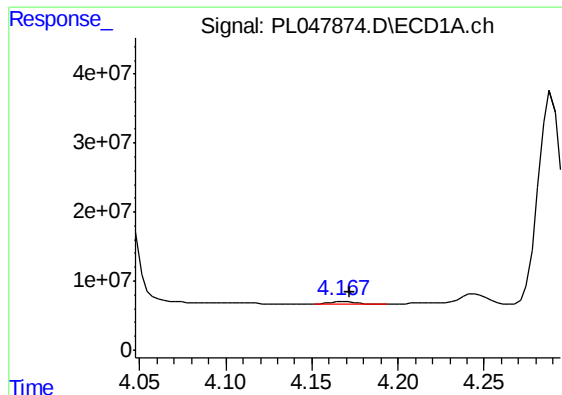
#22 Mirex

R.T.: 7.132 min
Delta R.T.: 0.003 min
Response: 463082349
Conc: 49.33 ng/ml



#22 Mirex

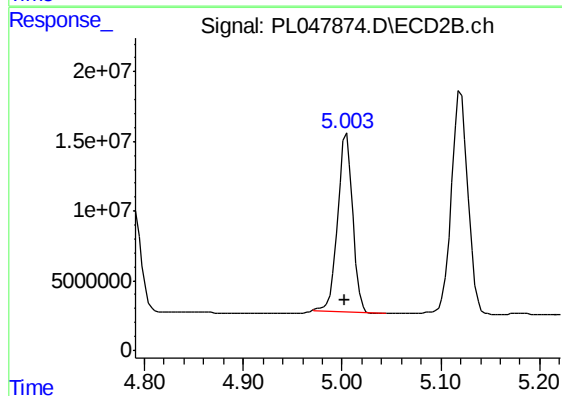
R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 118488202
Conc: 50.92 ng/ml



#23 Chlordane-1

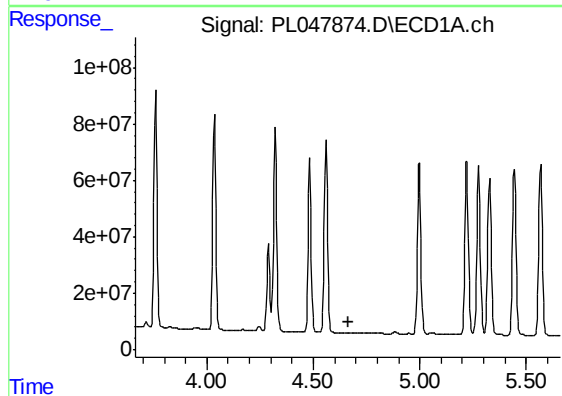
R.T.: 4.168 min
Delta R.T.: -0.004 min
Response: 4928830
Conc: 11.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



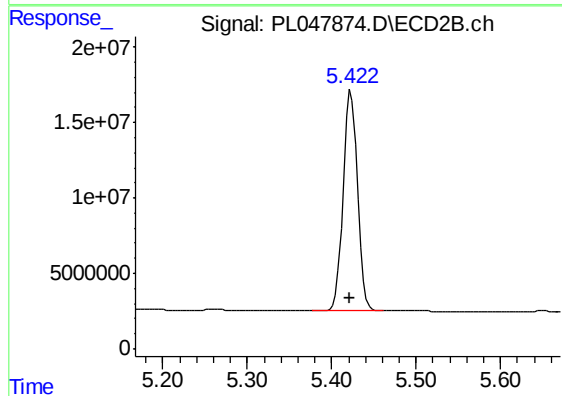
#23 Chlordane-1

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 135910235
Conc: 530.48 ng/ml



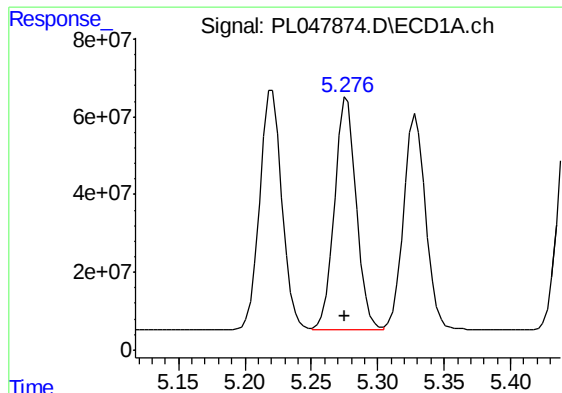
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.663 min
Response: 0
Conc: N.D.



#24 Chlordane-2

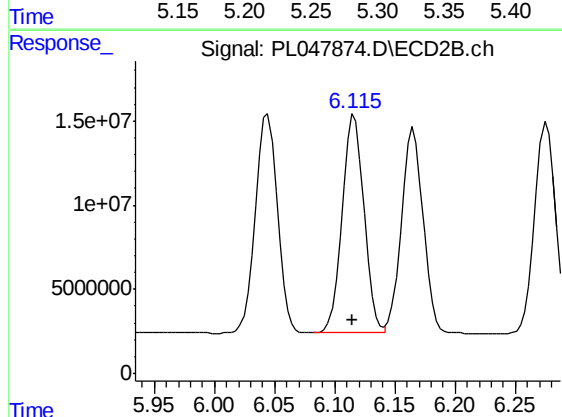
R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 172683181
Conc: 554.93 ng/ml



#25 Chlordane-3

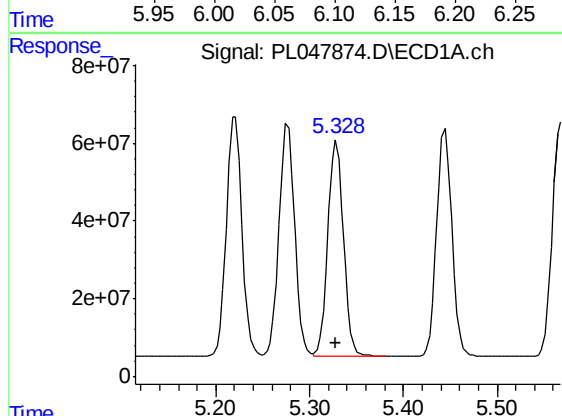
R.T.: 5.277 min
Delta R.T.: 0.001 min
Response: 688064944
Conc: 521.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



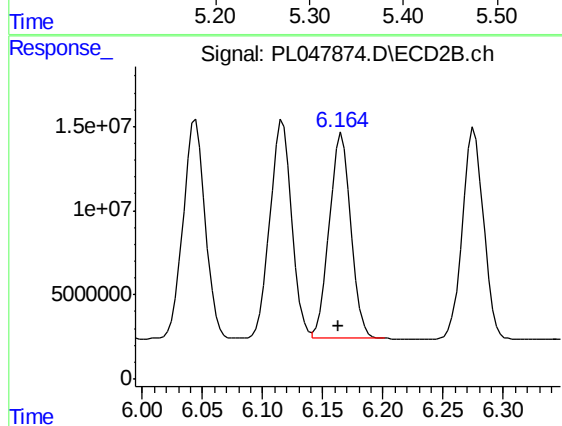
#25 Chlordane-3

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 164621601
Conc: 555.73 ng/ml



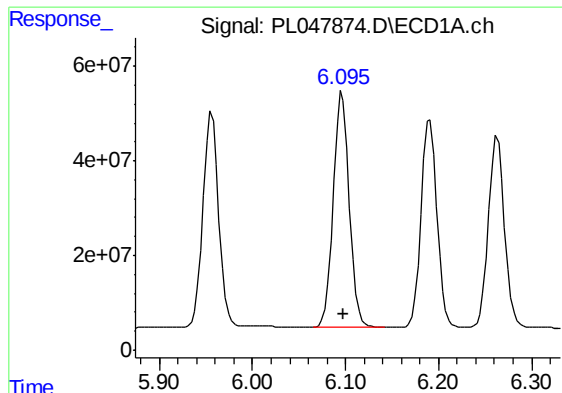
#26 Chlordane-4

R.T.: 5.329 min
Delta R.T.: 0.002 min
Response: 643876059
Conc: 524.01 ng/ml



#26 Chlordane-4

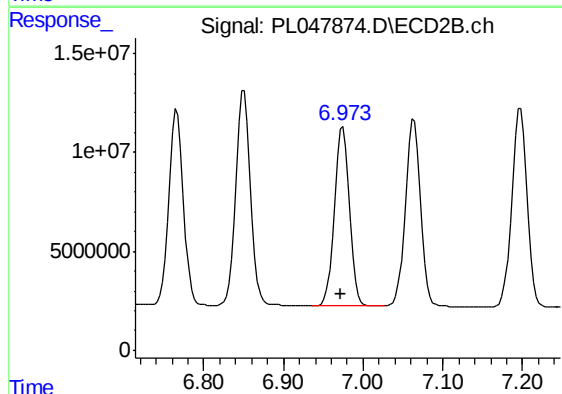
R.T.: 6.166 min
Delta R.T.: 0.002 min
Response: 153042020
Conc: 555.71 ng/ml



#27 Chlordane-5

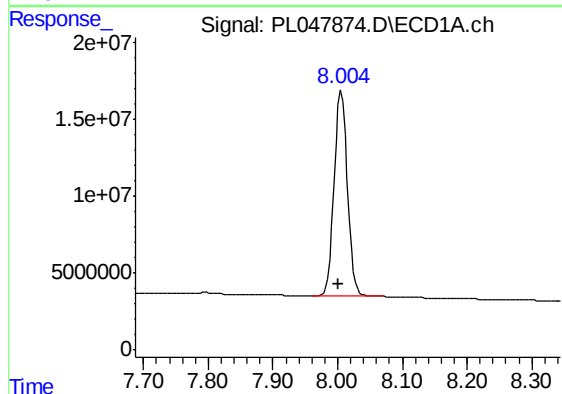
R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 590800177
Conc: 1393.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-042419-AMSD



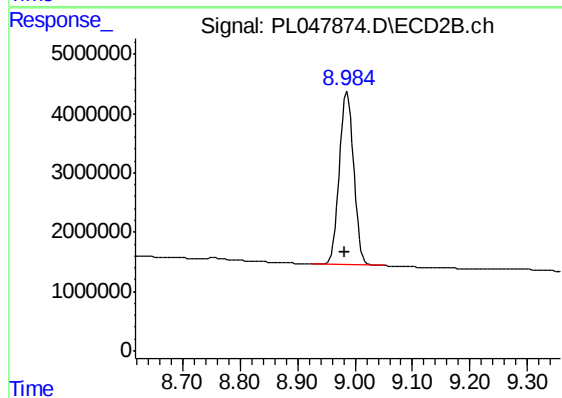
#27 Chlordane-5

R.T.: 6.974 min
Delta R.T.: 0.002 min
Response: 120983529
Conc: 536.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.006 min
Delta R.T.: 0.004 min
Response: 187927561
Conc: 16.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.004 min
Response: 51113083
Conc: 17.91 ng/ml