

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111021\
 Data File : PD066854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2021 19:05
 Operator : AR\AJ
 Sample : M4522-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 02:10:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 16:50:52 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 x 0.50µm

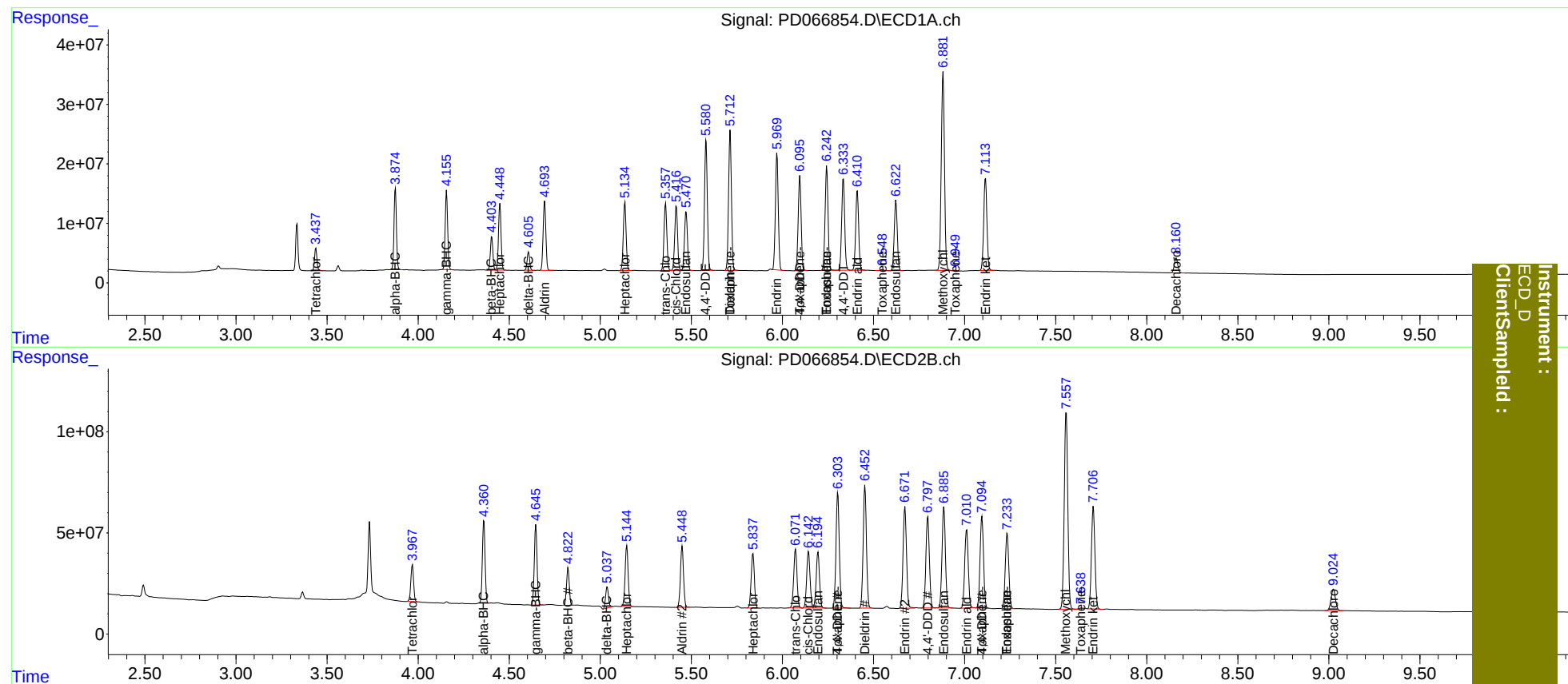
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

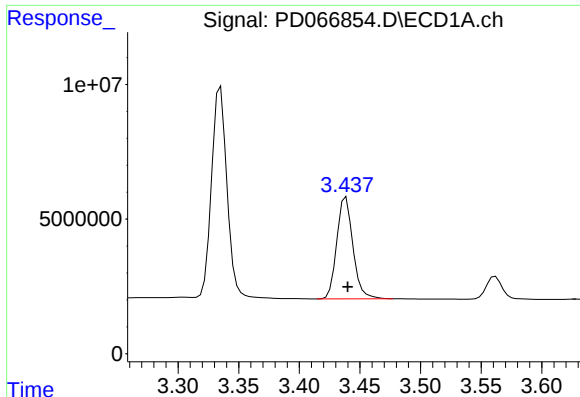
System Monitoring Compounds							
1)	SA Tetrachlo...	3.439	3.969	35025666	194.1E6	18.119	22.416
27)	SA Decachlor...	8.162	9.025	33449835	179.7E6	28.549	34.461
Target Compounds							
2)	A alpha-BHC	3.875	4.361	125.3E6	423.4E6	42.813	38.722
3)	MA gamma-BHC...	4.156	4.646	124.6E6	418.7E6	44.992	41.430
4)	MA Heptachlor	4.450	5.146	109.8E6	348.3E6	38.593	35.537
5)	MB Aldrin	4.695	5.450	121.1E6	354.5E6	42.075	37.621
6)	B beta-BHC	4.405	4.823	54060565	193.1E6	43.040	39.186
7)	B delta-BHC	4.606	5.038	29024208	115.4E6	10.950	11.663
8)	B Heptachlo...	5.135	5.838	122.8E6	332.8E6	48.308	44.261
9)	A Endosulfan I	5.471	6.196	112.0E6	348.0E6	48.866	44.469
10)	B trans-Chl...	5.359	6.072	124.1E6	365.1E6	47.999	42.399
11)	B cis-Chlor...	5.418	6.143	119.0E6	360.2E6	46.694	41.973
12)	B 4,4'-DDE	5.581	6.304	237.0E6	720.4E6	103.774	94.607
13)	MA Dieldrin	5.713	6.453	254.1E6	753.7E6	101.826	94.478
14)	MA Endrin	5.971	6.673	216.9E6	658.6E6	102.499	97.053
15)	B Endosulfa...	6.243	6.887	197.1E6	646.4E6	94.908	90.138
16)	A 4,4'-DDD	6.096	6.798	179.2E6	597.4E6	99.026	92.531
17)	MA 4,4'-DDT	6.335	7.096	178.7E6	601.1E6	94.491	90.996
18)	B Endrin al...	6.411	7.012	152.6E6	529.9E6	104.758	99.598
19)	B Endosulfa...	6.623	7.234	136.4E6	496.3E6	74.791	72.009
20)	A Methoxychlor	6.882	7.558	409.0E6	1327.6E6	436.367	410.784
21)	B Endrin ke...	7.115	7.707	190.9E6	674.4E6	92.646	86.033
22)	Toxaphene-1	5.713	6.304	254.1E6	720.4E6	16156.003	17822.474
23)	Toxaphene-2	6.096	0.000	179.2E6	0	11148.567	N.D. #
24)	Toxaphene-3	6.243	7.096	197.1E6	601.1E6	5297.967	5282.815
25)	Toxaphene-4	6.549	7.234	2171764	496.3E6	56.075	4390.177 #
26)	Toxaphene-5	6.950	7.641	1211794	3014760	31.067	35.403

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 11 02:10:08 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 16:50:52 2021
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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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

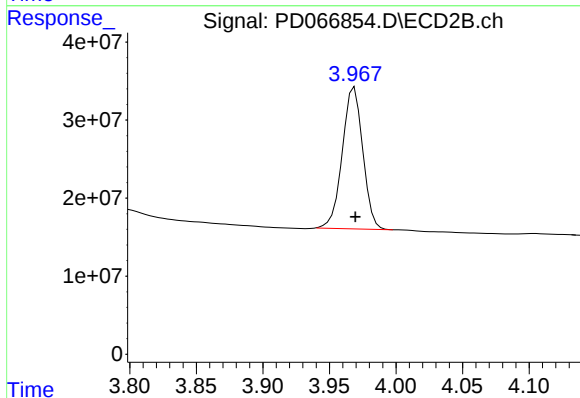




#1 Tetrachloro-m-xylene

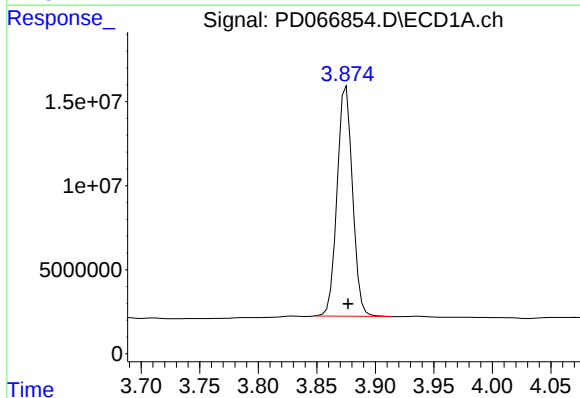
R.T.: 3.439 min
Delta R.T.: -0.001 min
Response: 35025666
Conc: 18.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



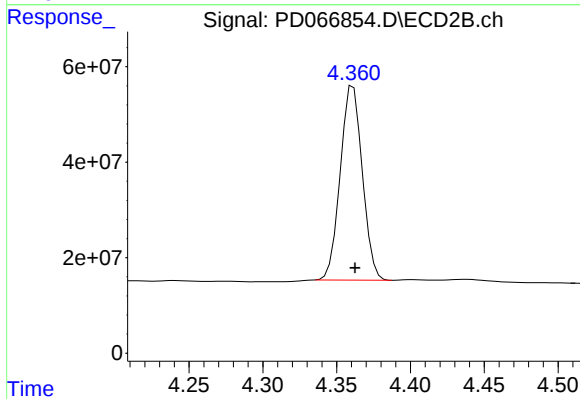
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 194135859
Conc: 22.42 ng/ml



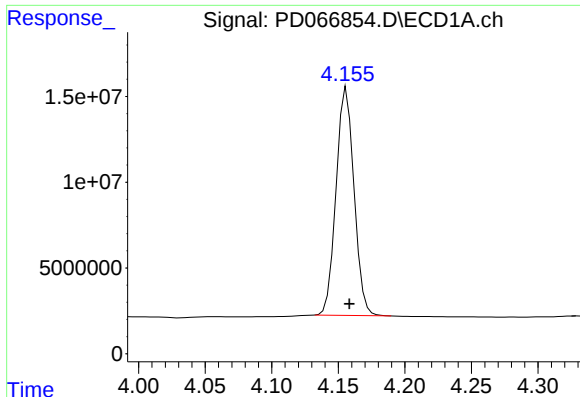
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.001 min
Response: 125316504
Conc: 42.81 ng/ml



#2 alpha-BHC

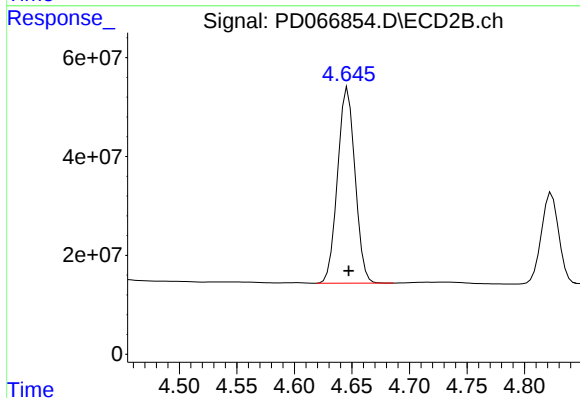
R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 423392925
Conc: 38.72 ng/ml



#3 gamma-BHC (Lindane)

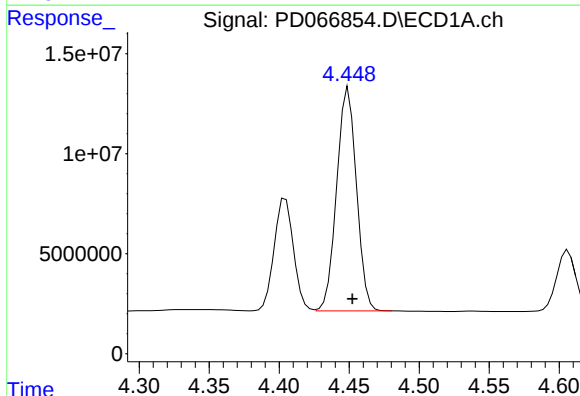
R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 124566238
Conc: 44.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



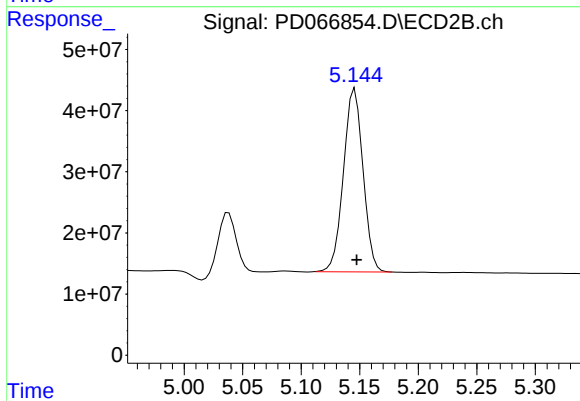
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 418678167
Conc: 41.43 ng/ml



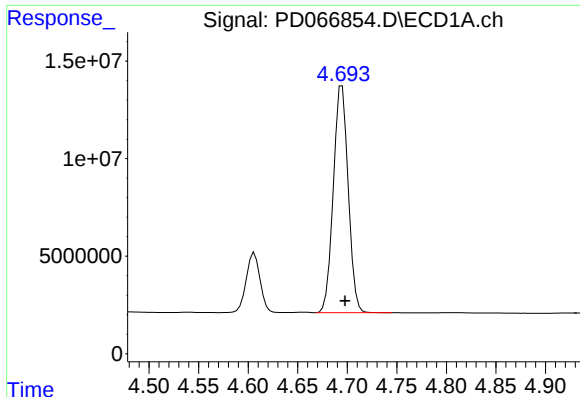
#4 Heptachlor

R.T.: 4.450 min
Delta R.T.: -0.003 min
Response: 109791347
Conc: 38.59 ng/ml



#4 Heptachlor

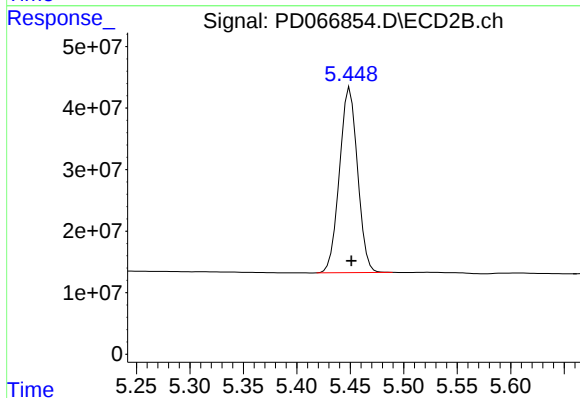
R.T.: 5.146 min
Delta R.T.: -0.002 min
Response: 348321579
Conc: 35.54 ng/ml



#5 Aldrin

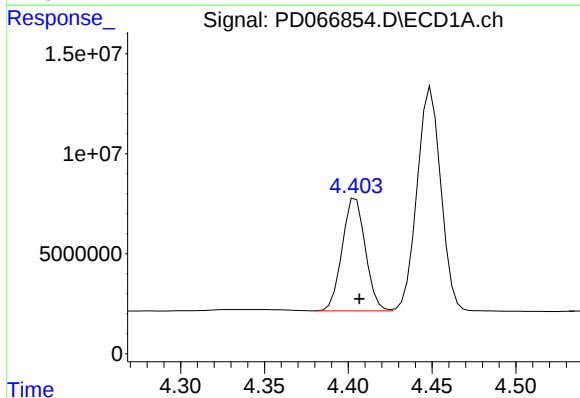
R.T.: 4.695 min
Delta R.T.: -0.003 min
Response: 121145438
Conc: 42.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



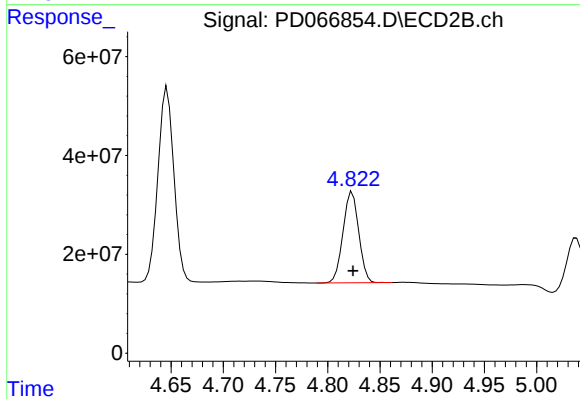
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: -0.001 min
Response: 354476122
Conc: 37.62 ng/ml



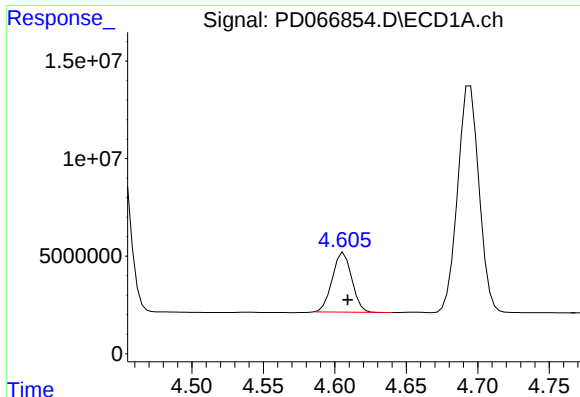
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 54060565
Conc: 43.04 ng/ml



#6 beta-BHC

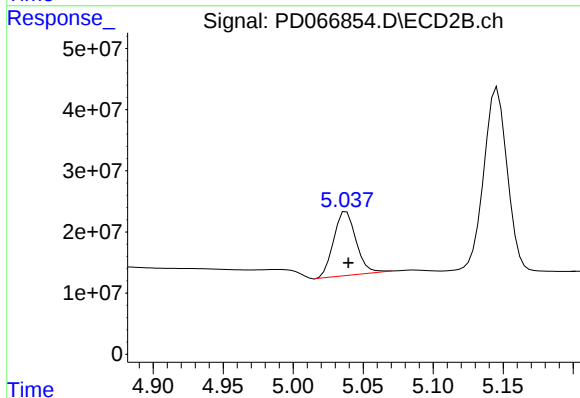
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 193077859
Conc: 39.19 ng/ml



#7 delta-BHC

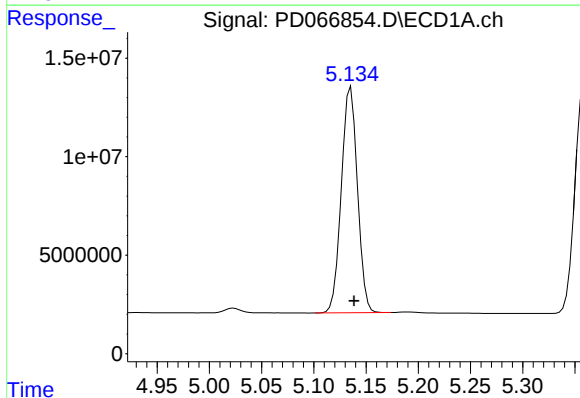
R.T.: 4.606 min
Delta R.T.: -0.003 min
Response: 29024208
Conc: 10.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



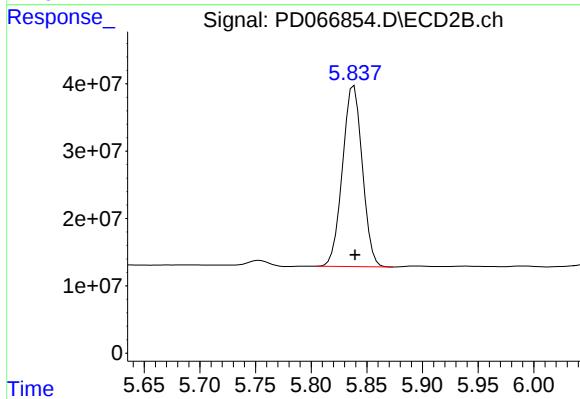
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 115379135
Conc: 11.66 ng/ml



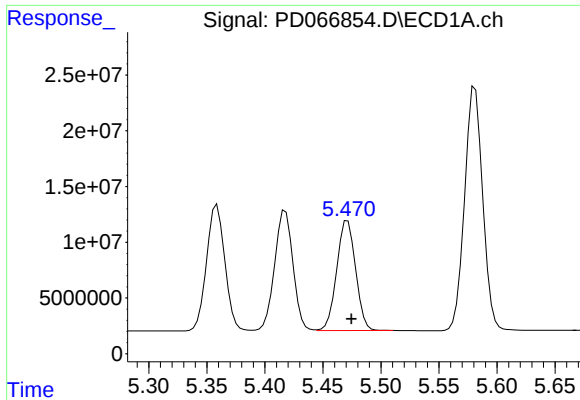
#8 Heptachlor epoxide

R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 122791499
Conc: 48.31 ng/ml



#8 Heptachlor epoxide

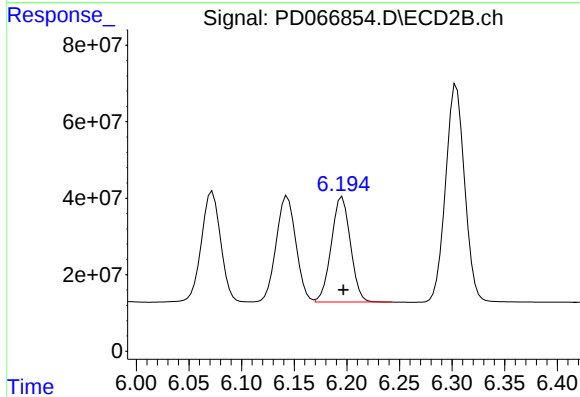
R.T.: 5.838 min
Delta R.T.: -0.001 min
Response: 332750718
Conc: 44.26 ng/ml



#9 Endosulfan I

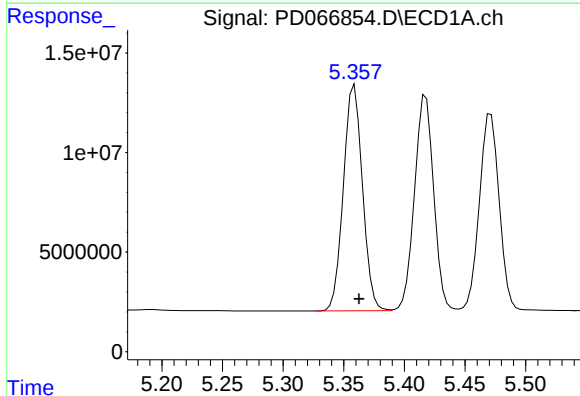
R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 112010820
Conc: 48.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



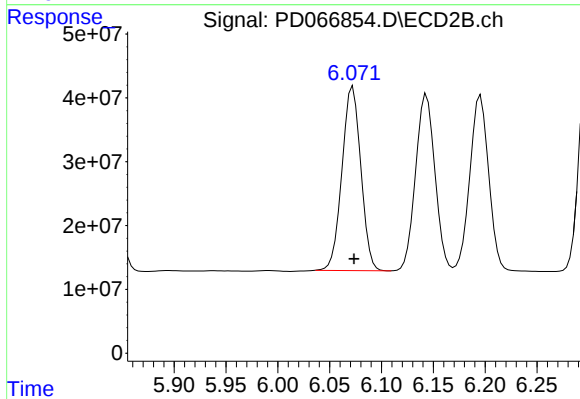
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 347952669
Conc: 44.47 ng/ml



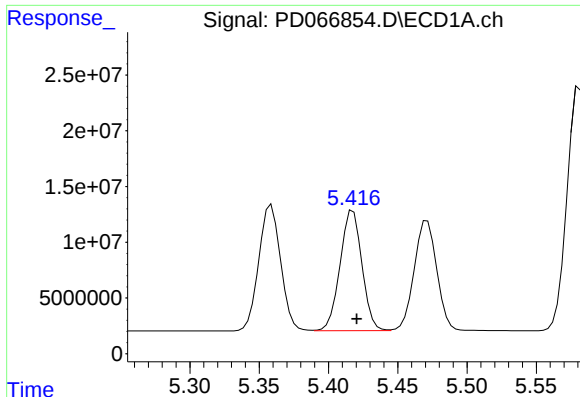
#10 trans-Chlordane

R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 124064241
Conc: 48.00 ng/ml



#10 trans-Chlordane

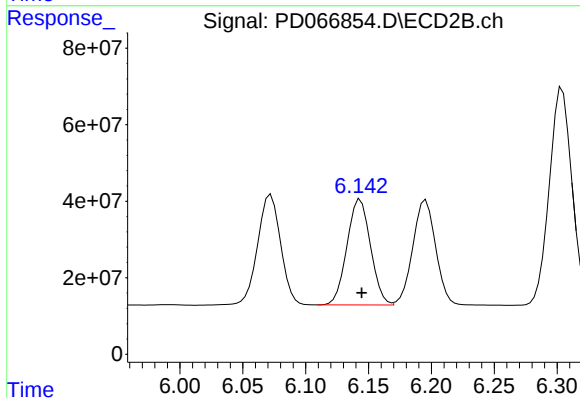
R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 365113561
Conc: 42.40 ng/ml



#11 cis-Chlordane

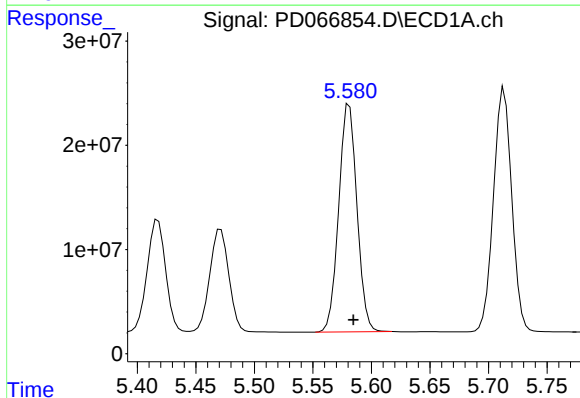
R.T.: 5.418 min
Delta R.T.: -0.003 min
Response: 118957034
Conc: 46.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



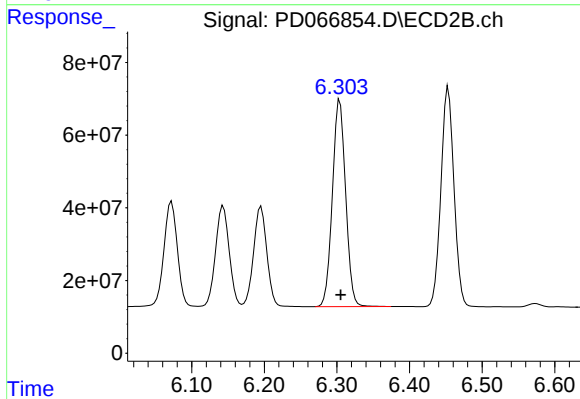
#11 cis-Chlordane

R.T.: 6.143 min
Delta R.T.: -0.001 min
Response: 360178289
Conc: 41.97 ng/ml



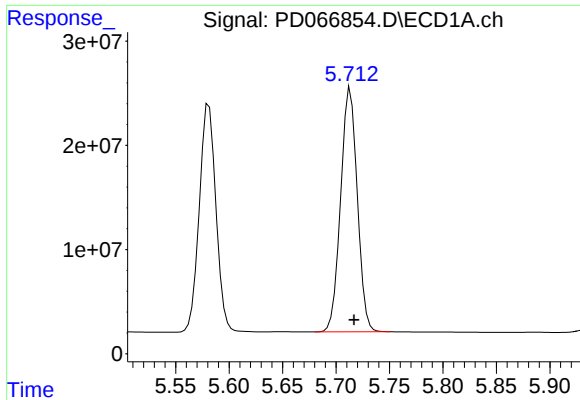
#12 4,4'-DDE

R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 237017900
Conc: 103.77 ng/ml



#12 4,4'-DDE

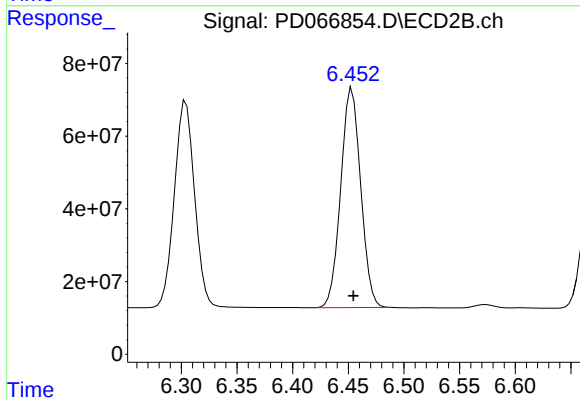
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 720424015
Conc: 94.61 ng/ml



#13 Dieldrin

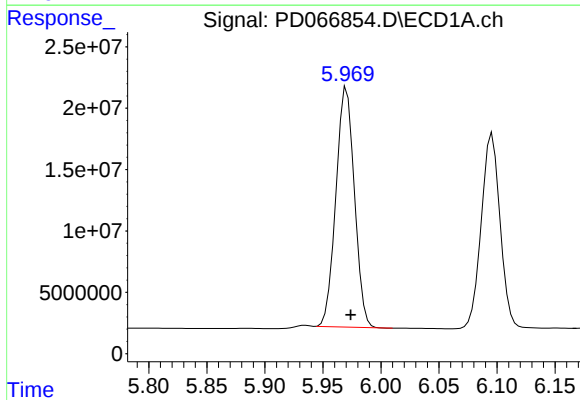
R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 254103200
Conc: 101.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



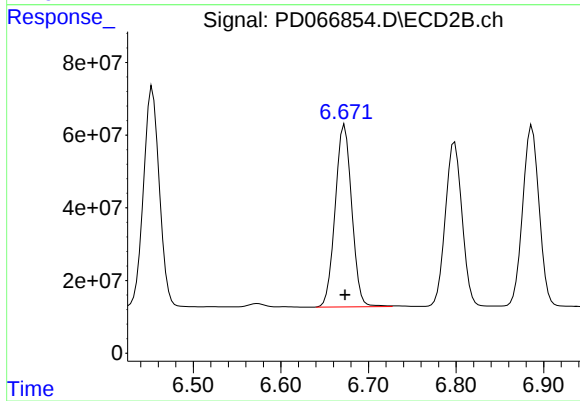
#13 Dieldrin

R.T.: 6.453 min
Delta R.T.: -0.001 min
Response: 753722696
Conc: 94.48 ng/ml



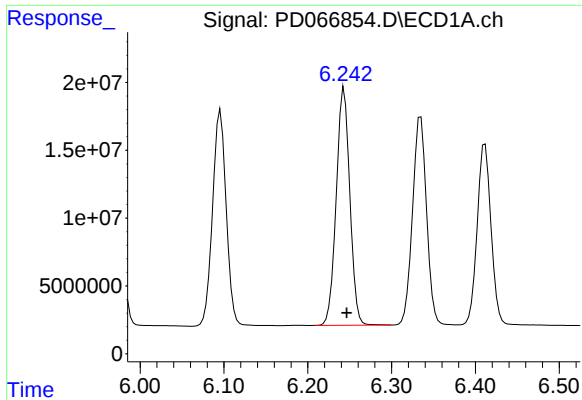
#14 Endrin

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 216859847
Conc: 102.50 ng/ml



#14 Endrin

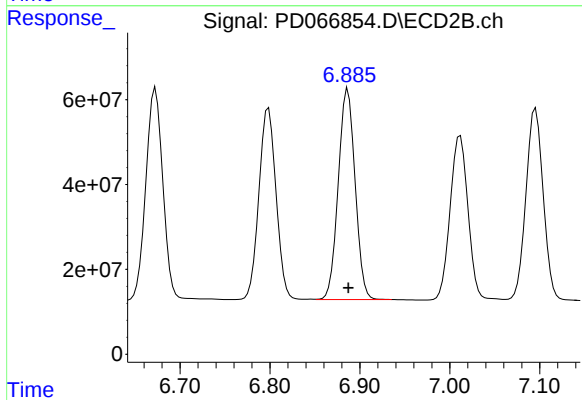
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 658637538
Conc: 97.05 ng/ml



#15 Endosulfan II

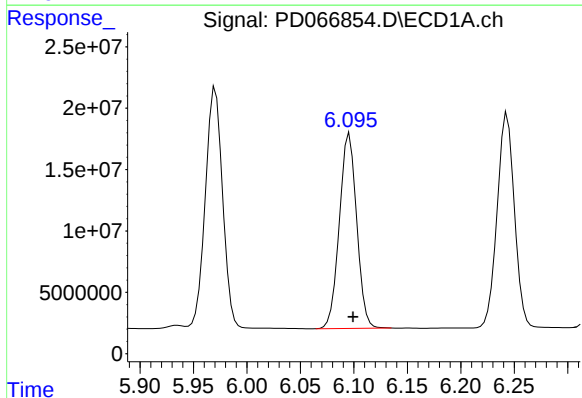
R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 197069603
Conc: 94.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



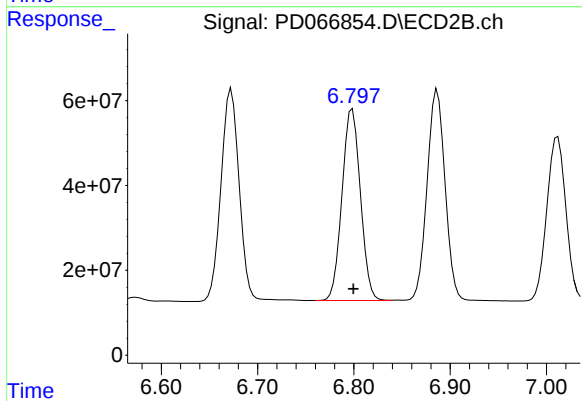
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 646383834
Conc: 90.14 ng/ml



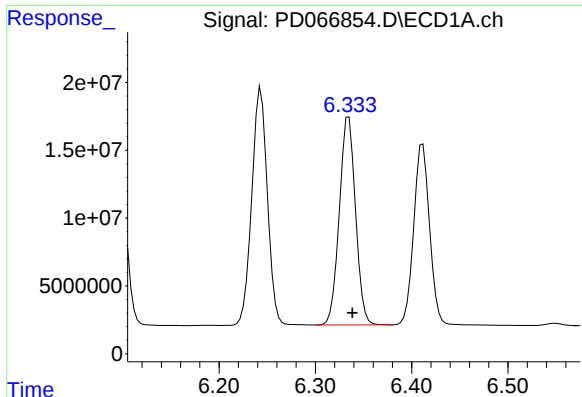
#16 4,4'-DDD

R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 179246609
Conc: 99.03 ng/ml



#16 4,4'-DDD

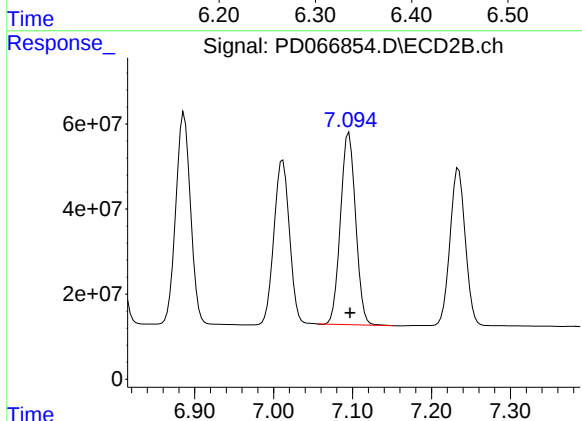
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 597371001
Conc: 92.53 ng/ml



#17 4,4'-DDT

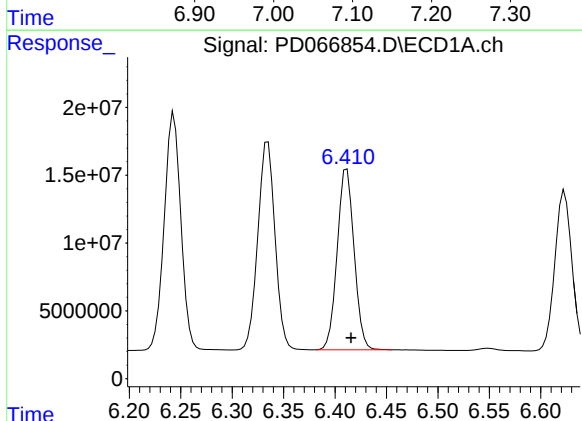
R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 178657991
Conc: 94.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



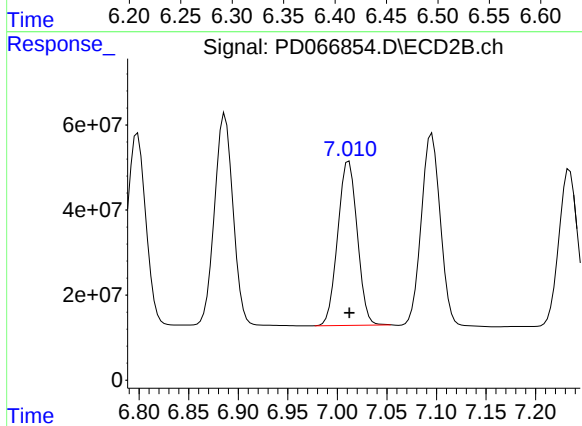
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: -0.001 min
Response: 601134198
Conc: 91.00 ng/ml



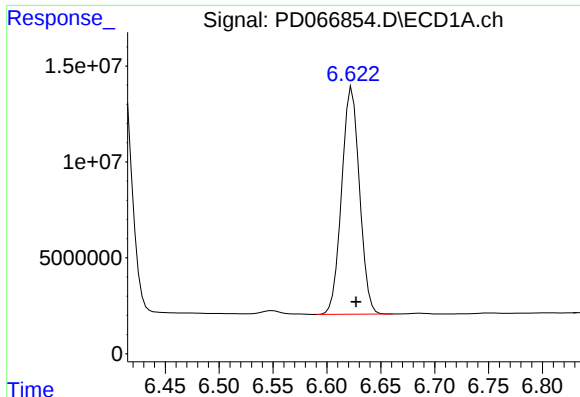
#18 Endrin aldehyde

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 152620947
Conc: 104.76 ng/ml



#18 Endrin aldehyde

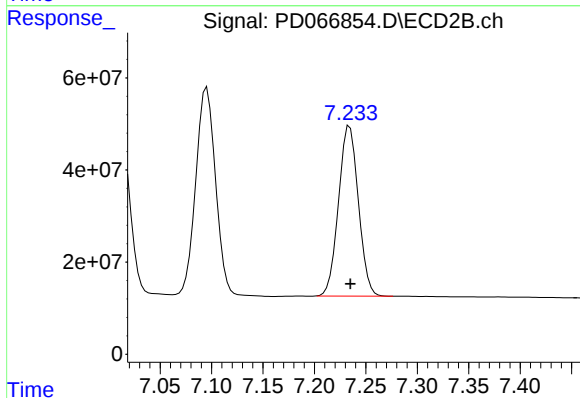
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 529913973
Conc: 99.60 ng/ml



#19 Endosulfan Sulfate

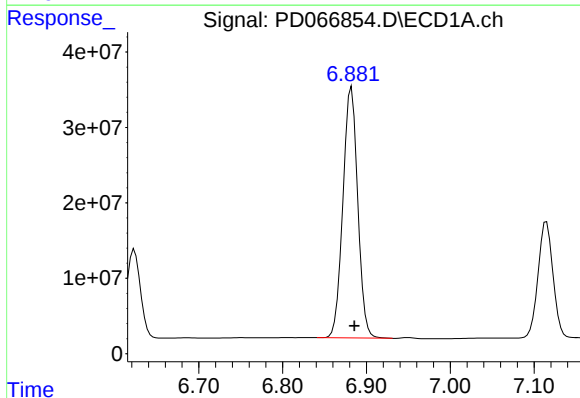
R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 136426089
Conc: 74.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



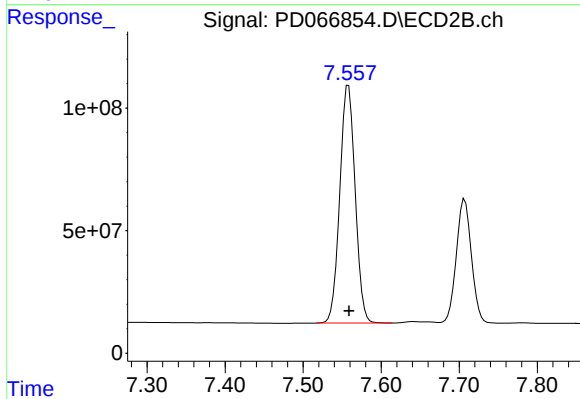
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 496253076
Conc: 72.01 ng/ml



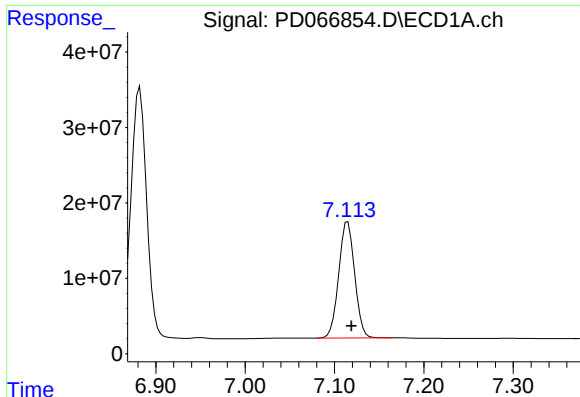
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.004 min
Response: 408967784
Conc: 436.37 ng/ml



#20 Methoxychlor

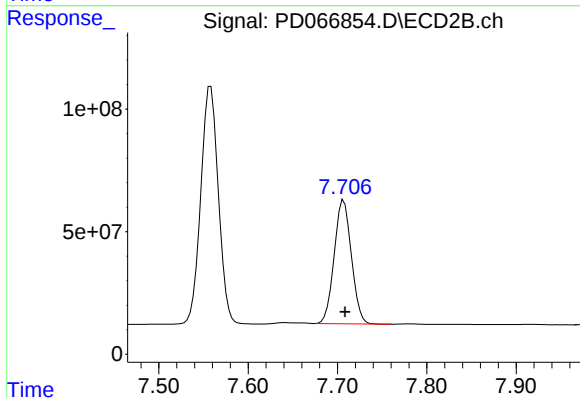
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 1327555350
Conc: 410.78 ng/ml



#21 Endrin ketone

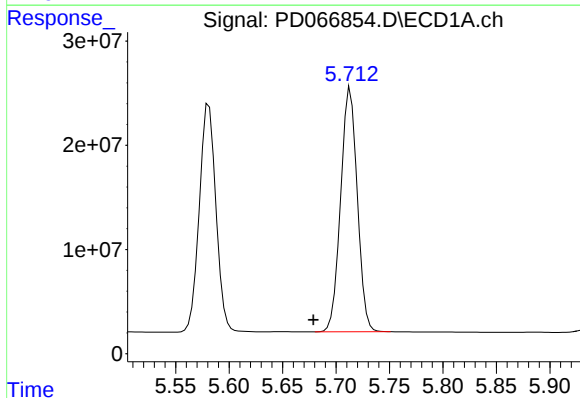
R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 190896642
Conc: 92.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



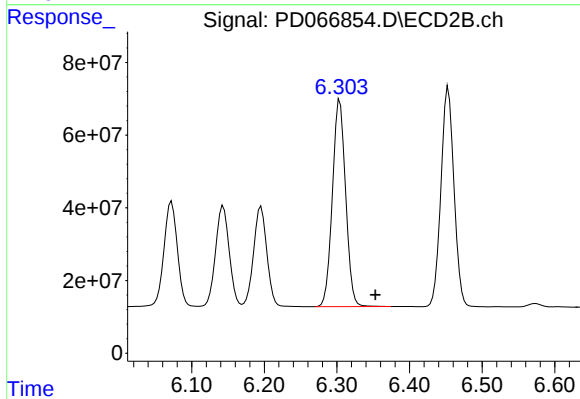
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: -0.001 min
Response: 674351948
Conc: 86.03 ng/ml



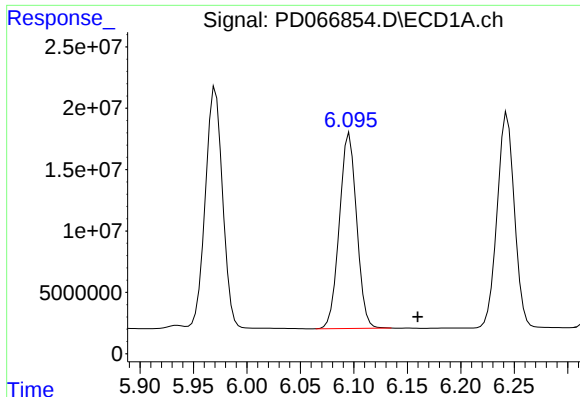
#22 Toxaphene-1

R.T.: 5.713 min
Delta R.T.: 0.035 min
Response: 254103200
Conc: 16156.00 ng/ml



#22 Toxaphene-1

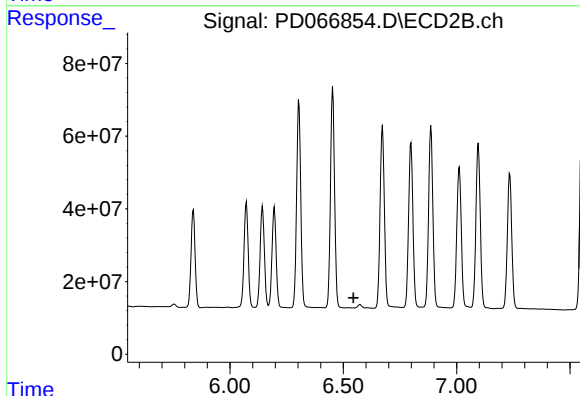
R.T.: 6.304 min
Delta R.T.: -0.049 min
Response: 720424015
Conc: 17822.47 ng/ml



#23 Toxaphene-2

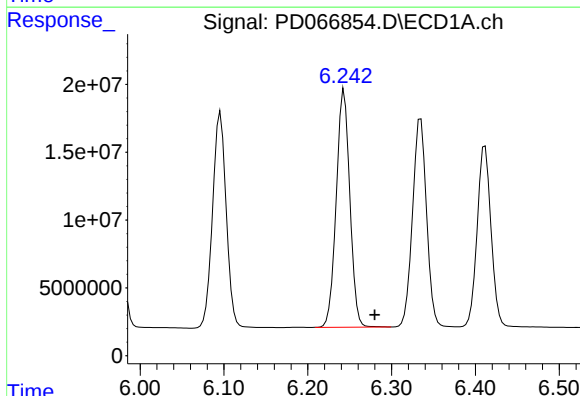
R.T.: 6.096 min
Delta R.T.: -0.064 min
Response: 179246609
Conc: 11148.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



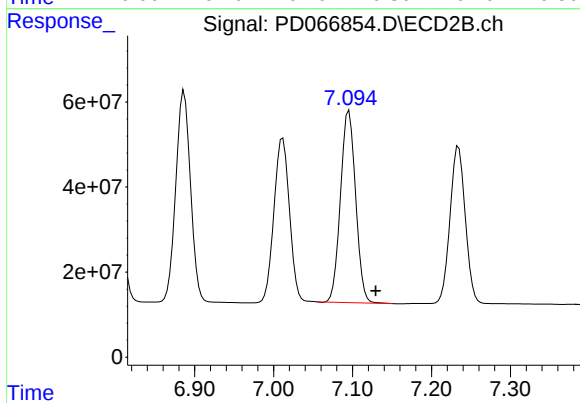
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.545 min
Response: 0
Conc: N.D.



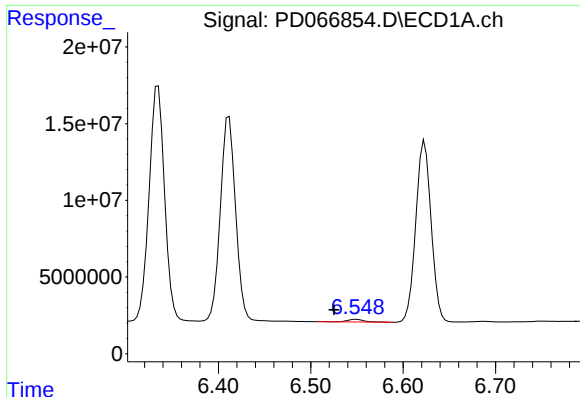
#24 Toxaphene-3

R.T.: 6.243 min
Delta R.T.: -0.037 min
Response: 197069603
Conc: 5297.97 ng/ml



#24 Toxaphene-3

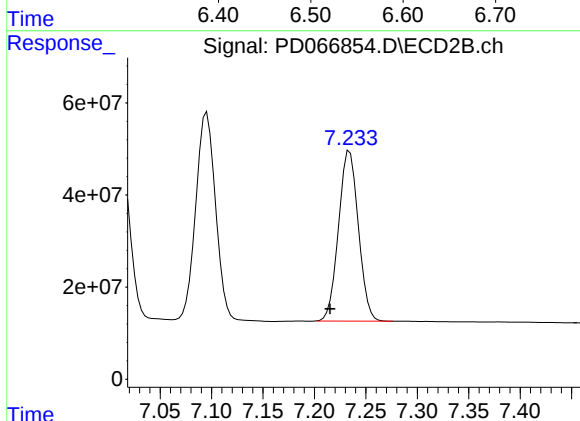
R.T.: 7.096 min
Delta R.T.: -0.034 min
Response: 601134198
Conc: 5282.82 ng/ml



#25 Toxaphene-4

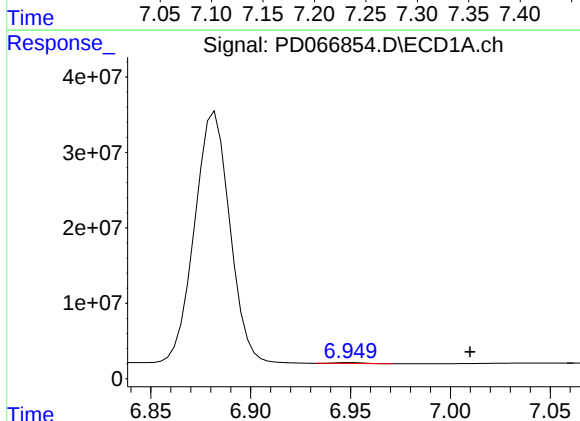
R.T.: 6.549 min
Delta R.T.: 0.024 min
Response: 2171764
Conc: 56.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



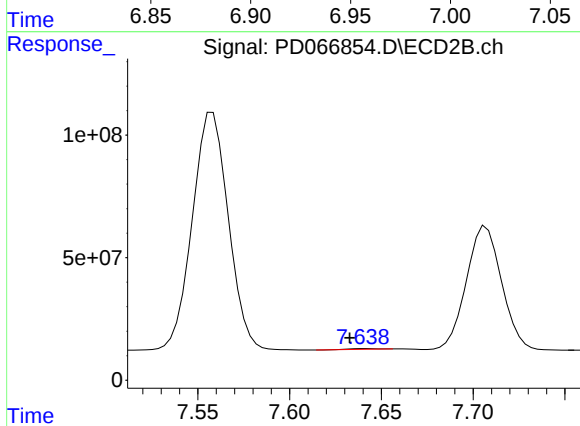
#25 Toxaphene-4

R.T.: 7.234 min
Delta R.T.: 0.019 min
Response: 496253076
Conc: 4390.18 ng/ml



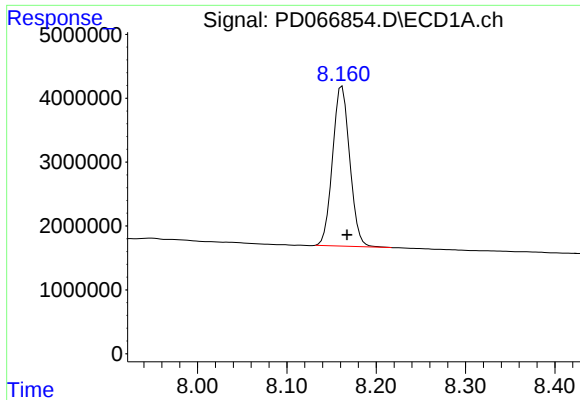
#26 Toxaphene-5

R.T.: 6.950 min
Delta R.T.: -0.060 min
Response: 1211794
Conc: 31.07 ng/ml



#26 Toxaphene-5

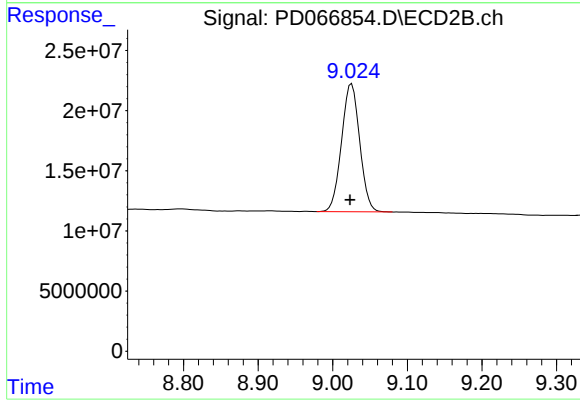
R.T.: 7.641 min
Delta R.T.: 0.008 min
Response: 3014760
Conc: 35.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.162 min
Delta R.T.: -0.006 min
Response: 33449835
Conc: 28.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.002 min
Response: 179724661
Conc: 34.46 ng/ml