

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110722\
 Data File : PL078874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 19:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

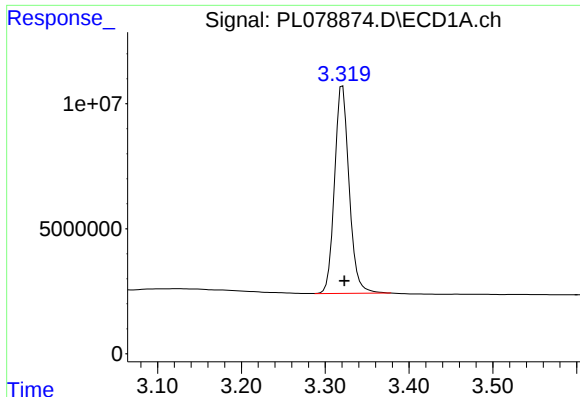
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:13:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.321	2.568	100.4E6	137.7E6	52.632	53.937
28)	SA Decachlor...	8.769	7.635	70923798	97770621	47.146	51.618
Target Compounds							
2)	A alpha-BHC	3.781	3.054	156.8E6	214.6E6	54.593	54.331
3)	MA gamma-BHC...	4.114	3.375	145.0E6	196.4E6	54.273	54.632
4)	MA Heptachlor	4.685	3.702	143.5E6	189.1E6	55.281	54.537
5)	MB Aldrin	5.023	3.973	136.1E6	195.3E6	54.963	55.777
6)	B beta-BHC	4.329	3.675	62815573	76560813	54.529	53.358
7)	B delta-BHC	4.569	3.895	133.5E6	197.0E6	58.632	54.088
8)	B Heptachlo...	5.456	4.470	125.0E6	167.4E6	58.893	55.555
9)	A Endosulfan I	5.840	4.833	112.5E6	156.0E6	52.714	54.508
10)	B gamma-Chl...	5.712	4.718	123.1E6	167.6E6	54.556	54.677
11)	B alpha-Chl...	5.788	4.779	121.4E6	163.0E6	52.466	54.678
12)	B 4,4'-DDE	5.971	4.975	106.4E6	148.0E6	53.140	54.363
13)	MA Dieldrin	6.118	5.094	113.2E6	157.4E6	52.501	53.136
14)	MA Endrin	6.348	5.365	92032359	134.7E6	48.494	51.695
15)	B Endosulfa...	6.578	5.661	90098978	129.9E6	48.023	57.083
16)	A 4,4'-DDD	6.496	5.525	90695205	130.8E6	54.405	59.561
17)	MA 4,4'-DDT	6.806	5.772	81495158	106.3E6	45.469	49.012
18)	B Endrin al...	6.710	5.840	72611451	100.7E6	49.903	53.640
19)	B Endosulfa...	6.942	6.063	90860992	131.1E6	49.383	55.090
20)	A Methoxychlor	7.290	6.349	40011141	58430967	43.448	51.490
21)	B Endrin ke...	7.428	6.558	92680064	149.6E6	49.261	57.889
22)	Mirex	7.885	6.731	69929162	104.7E6	47.903	53.184
24)	Chlordane-2	5.023f	4.097	136.1E6	2411136	1645.158	22.655 #
25)	Chlordane-3	5.712	4.718	123.1E6	167.6E6	368.634	549.754 #
26)	Chlordane-4	5.788	4.779	121.4E6	163.0E6	295.697	498.718 #
27)	Chlordane-5	0.000	5.445	0	183791	N.D.	2.254 #

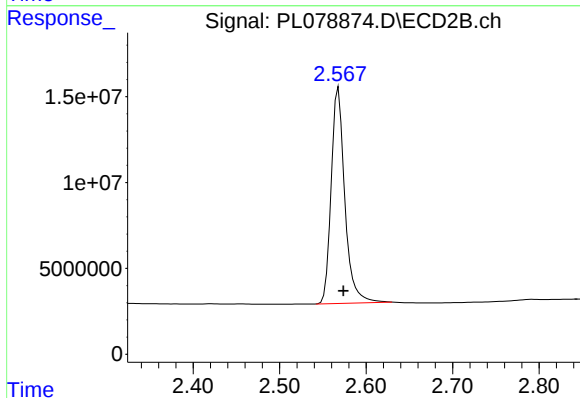
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

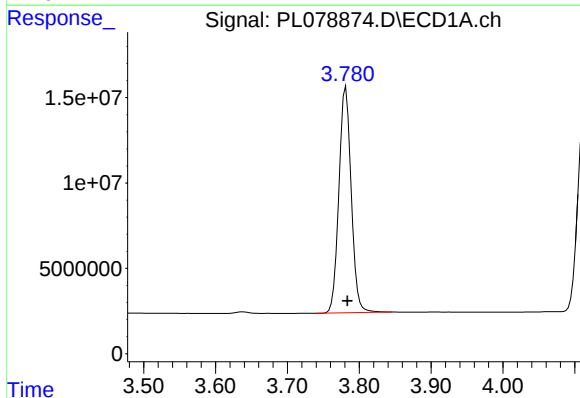
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 100370436
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



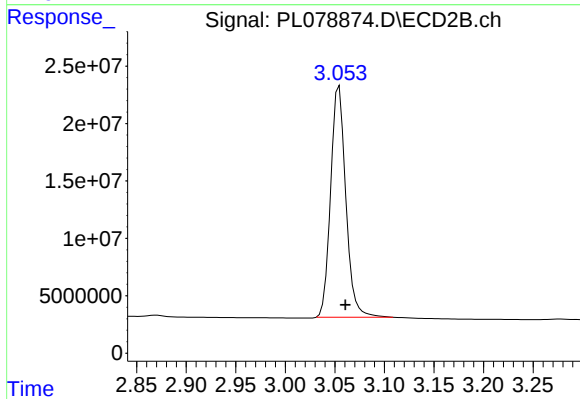
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 137710812
Conc: 53.94 ng/ml



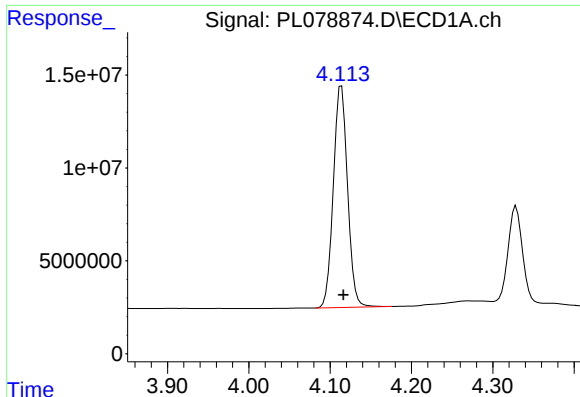
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 156755649
Conc: 54.59 ng/ml



#2 alpha-BHC

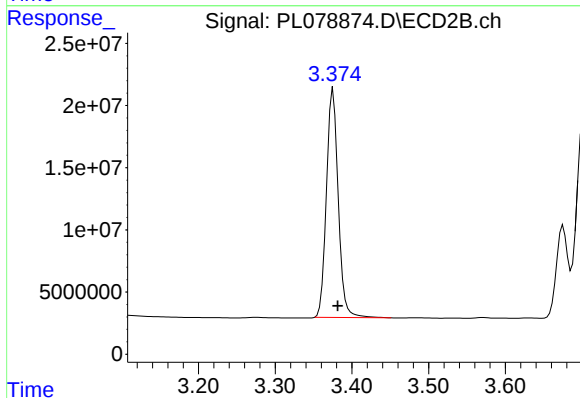
R.T.: 3.054 min
Delta R.T.: -0.006 min
Response: 214553651
Conc: 54.33 ng/ml



#3 gamma-BHC (Lindane)

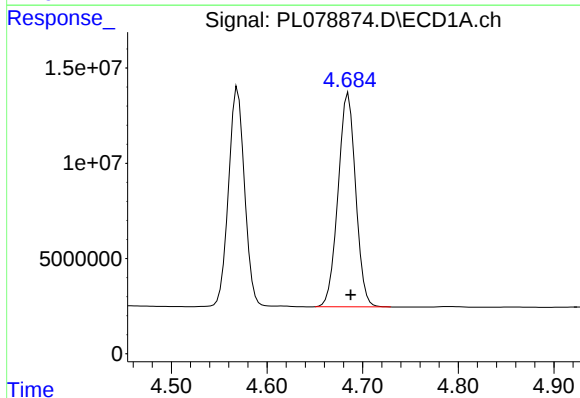
R.T.: 4.114 min
Delta R.T.: -0.002 min
Response: 145001956
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



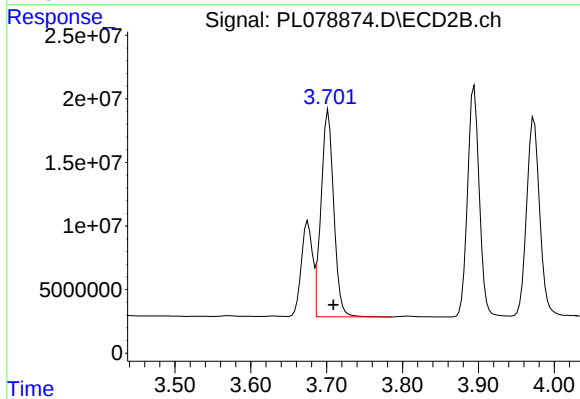
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.006 min
Response: 196358939
Conc: 54.63 ng/ml



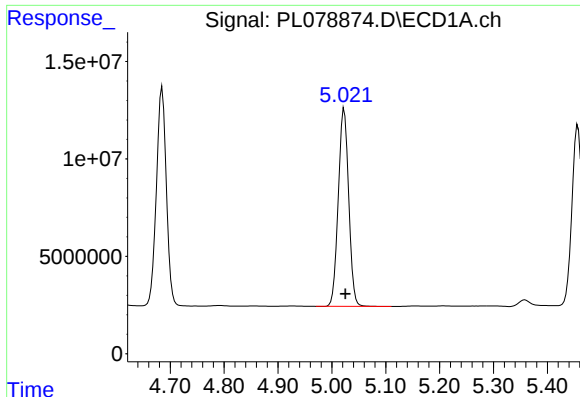
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 143509934
Conc: 55.28 ng/ml



#4 Heptachlor

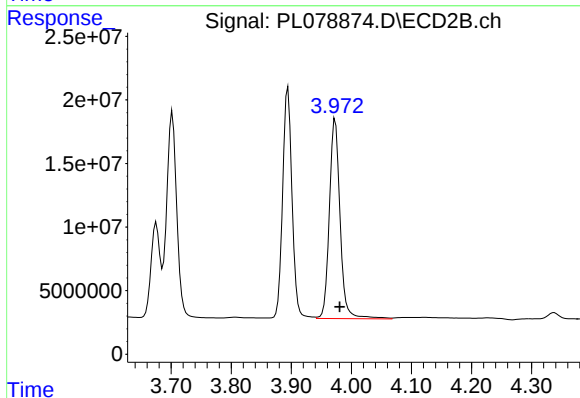
R.T.: 3.702 min
Delta R.T.: -0.006 min
Response: 189123327
Conc: 54.54 ng/ml



#5 Aldrin

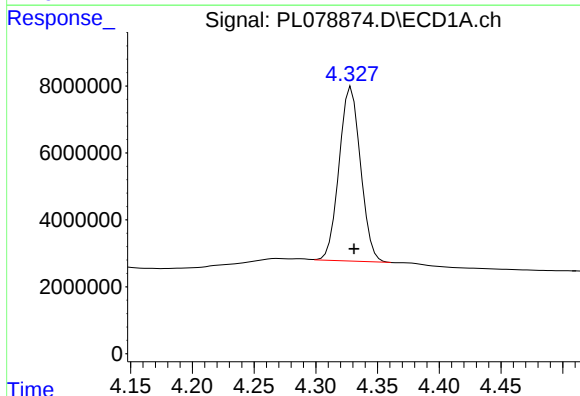
R.T.: 5.023 min
Delta R.T.: -0.002 min
Response: 136126650
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



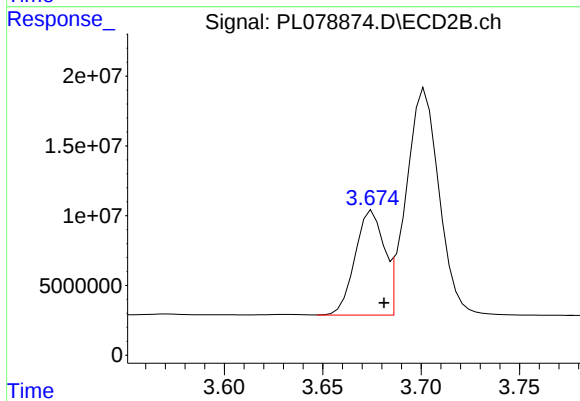
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.007 min
Response: 195314828
Conc: 55.78 ng/ml



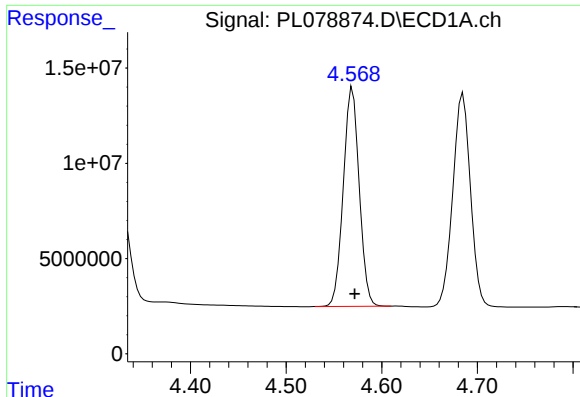
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 62815573
Conc: 54.53 ng/ml



#6 beta-BHC

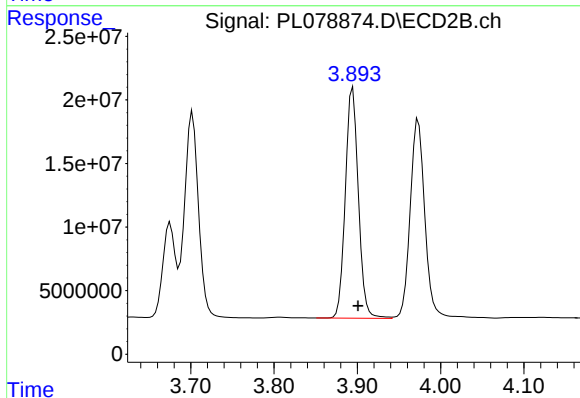
R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 76560813
Conc: 53.36 ng/ml



#7 delta-BHC

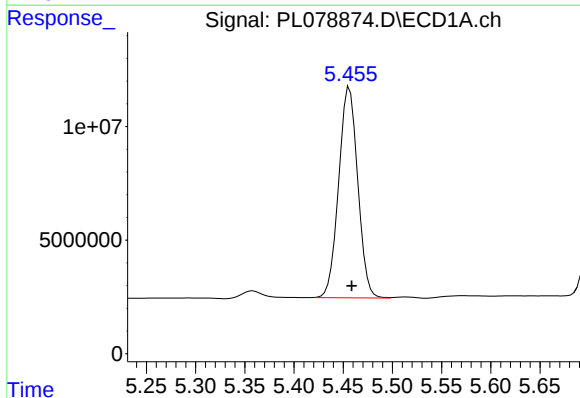
R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 133496155
Conc: 58.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



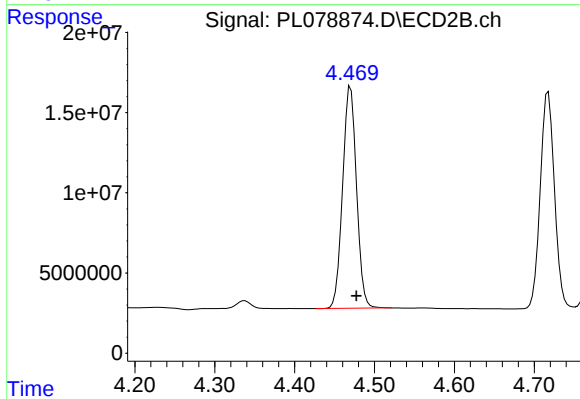
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 196952659
Conc: 54.09 ng/ml



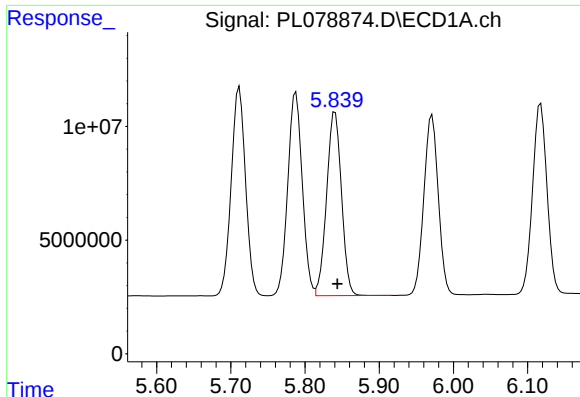
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.002 min
Response: 125030417
Conc: 58.89 ng/ml



#8 Heptachlor epoxide

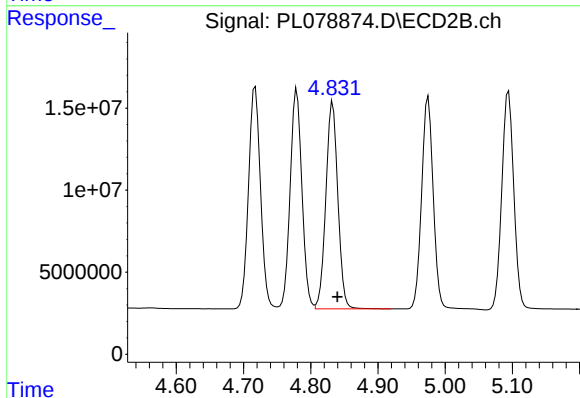
R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 167399364
Conc: 55.55 ng/ml



#9 Endosulfan I

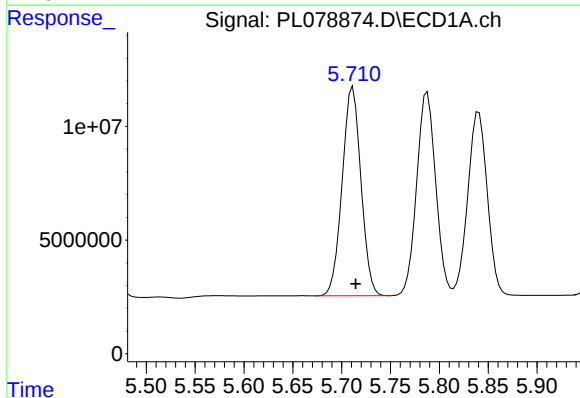
R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 112469703
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



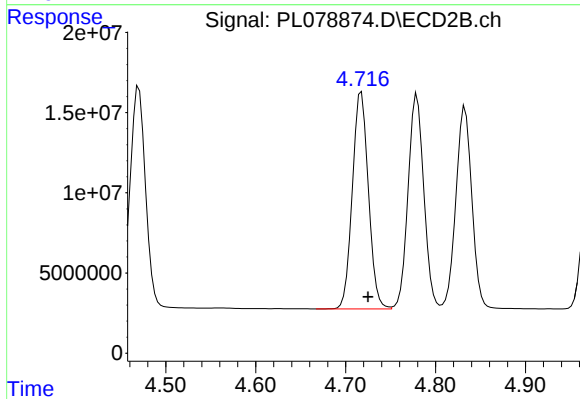
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.007 min
Response: 156036555
Conc: 54.51 ng/ml



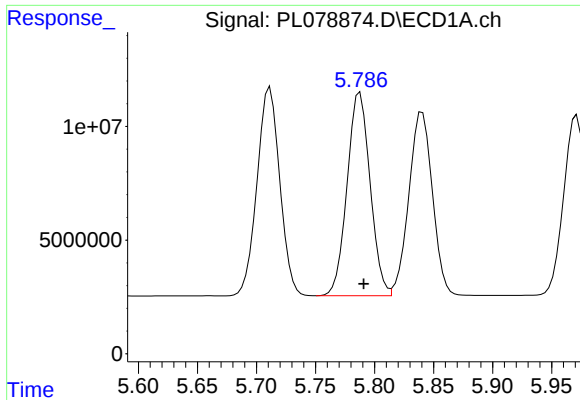
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 123140028
Conc: 54.56 ng/ml



#10 gamma-Chlordane

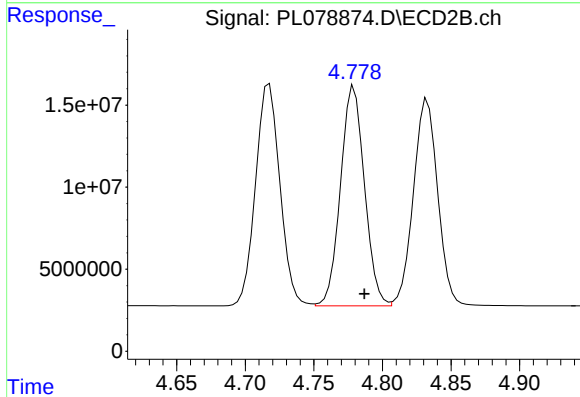
R.T.: 4.718 min
Delta R.T.: -0.008 min
Response: 167556510
Conc: 54.68 ng/ml



#11 alpha-Chlordane

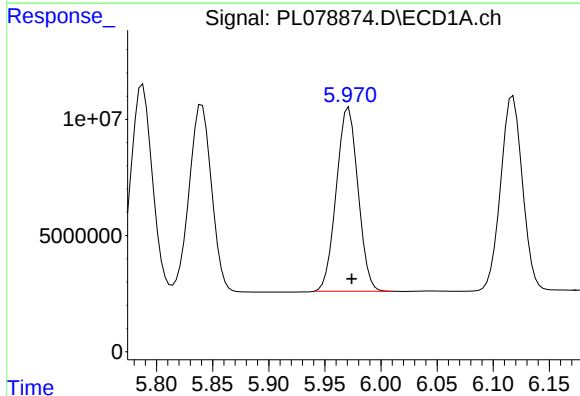
R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 121395162
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



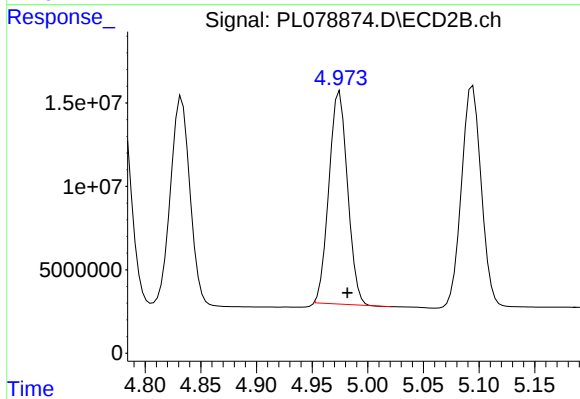
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: -0.007 min
Response: 162962847
Conc: 54.68 ng/ml



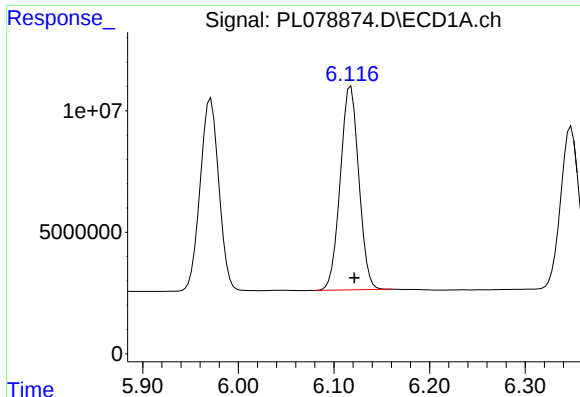
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 106352399
Conc: 53.14 ng/ml



#12 4,4'-DDE

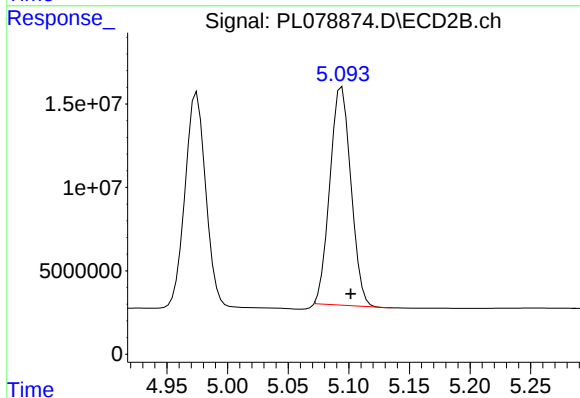
R.T.: 4.975 min
Delta R.T.: -0.007 min
Response: 148005266
Conc: 54.36 ng/ml



#13 Dieldrin

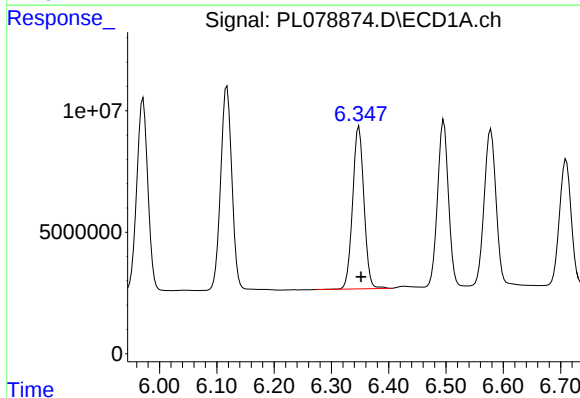
R.T.: 6.118 min
Delta R.T.: -0.004 min
Response: 113218247
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



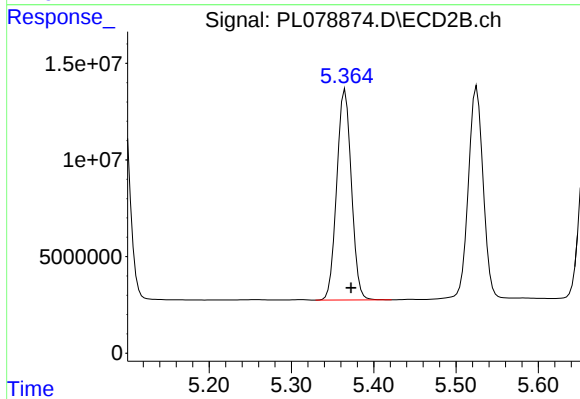
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: -0.007 min
Response: 157448404
Conc: 53.14 ng/ml



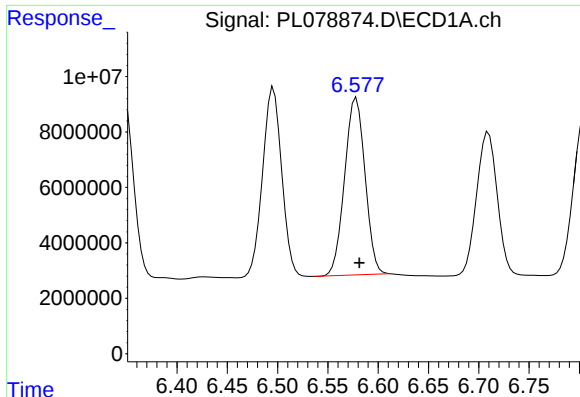
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 92032359
Conc: 48.49 ng/ml



#14 Endrin

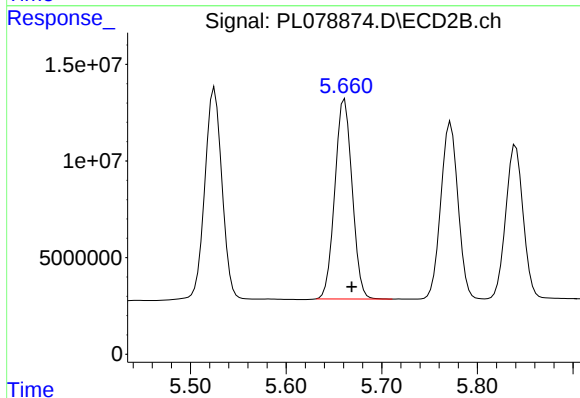
R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 134676959
Conc: 51.69 ng/ml



#15 Endosulfan II

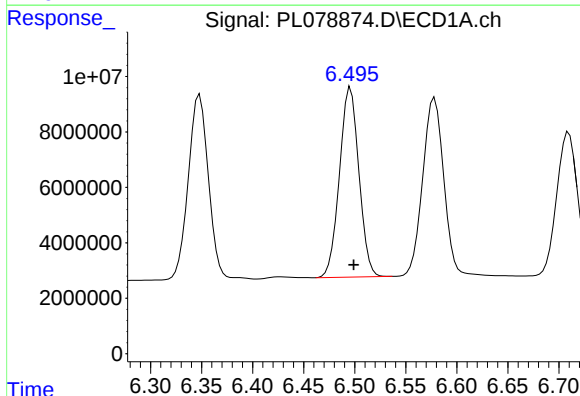
R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 90098978
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



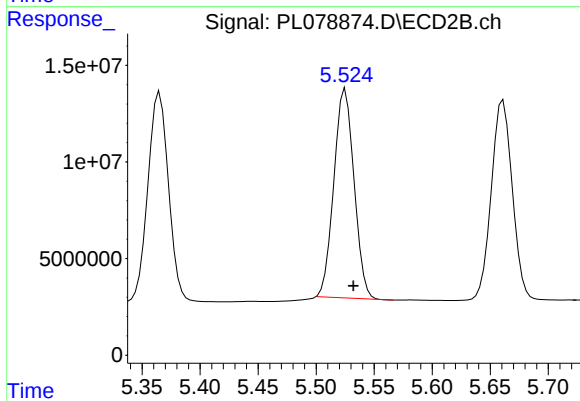
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: -0.007 min
Response: 129937265
Conc: 57.08 ng/ml



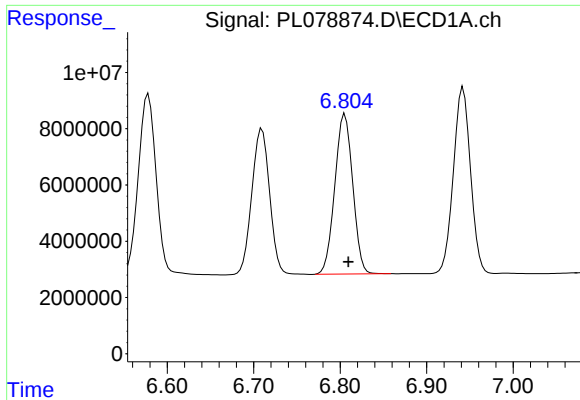
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 90695205
Conc: 54.41 ng/ml



#16 4,4'-DDD

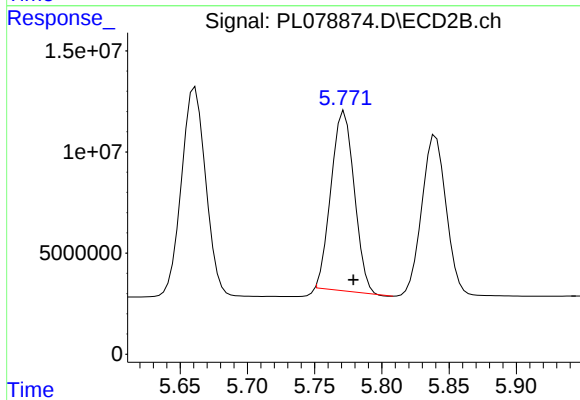
R.T.: 5.525 min
Delta R.T.: -0.007 min
Response: 130819054
Conc: 59.56 ng/ml



#17 4,4'-DDT

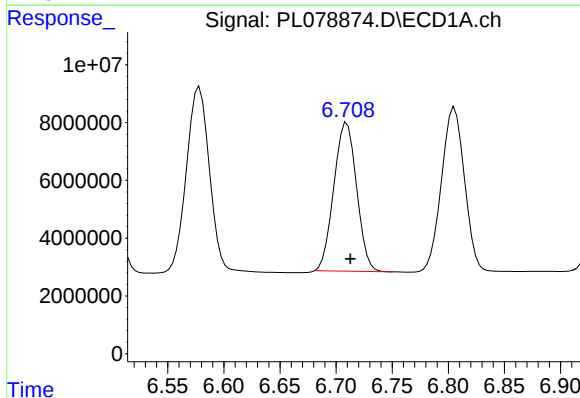
R.T.: 6.806 min
Delta R.T.: -0.004 min
Response: 81495158
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



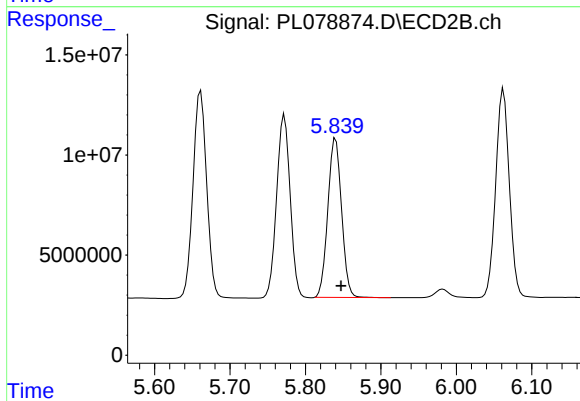
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 106314018
Conc: 49.01 ng/ml



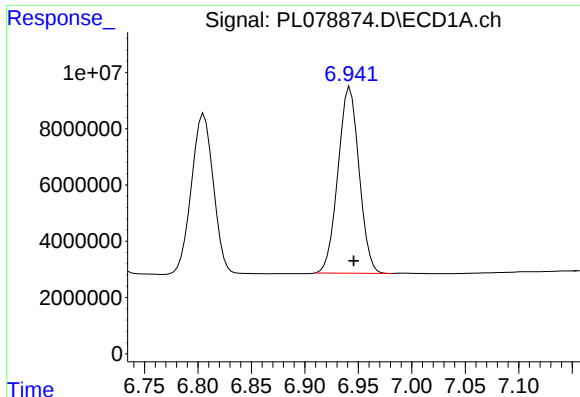
#18 Endrin aldehyde

R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 72611451
Conc: 49.90 ng/ml



#18 Endrin aldehyde

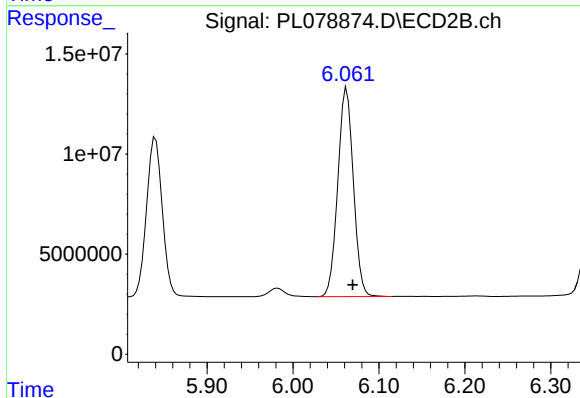
R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 100671111
Conc: 53.64 ng/ml



#19 Endosulfan Sulfate

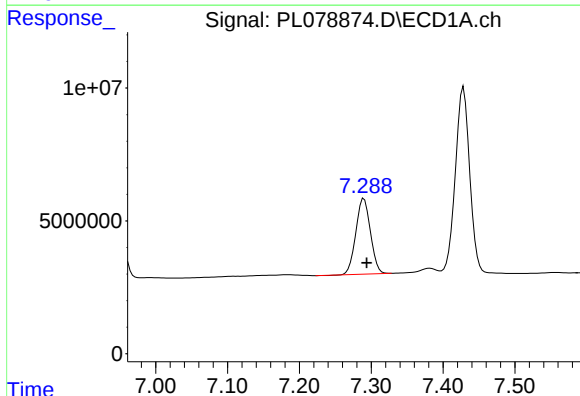
R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 90860992
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



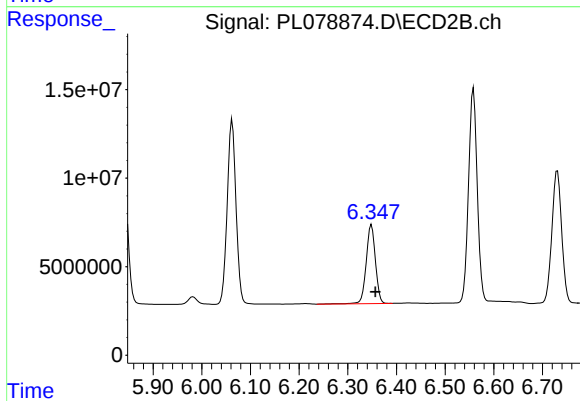
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: -0.007 min
Response: 131141219
Conc: 55.09 ng/ml



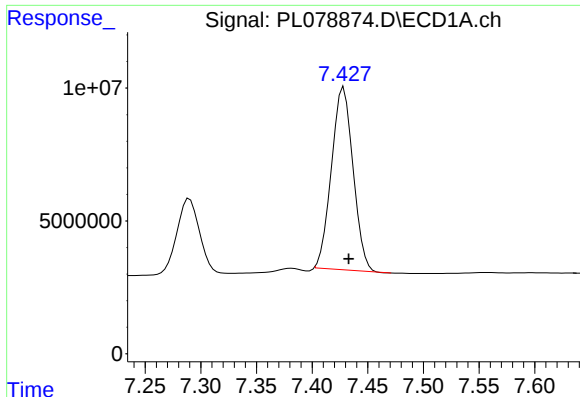
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 40011141
Conc: 43.45 ng/ml



#20 Methoxychlor

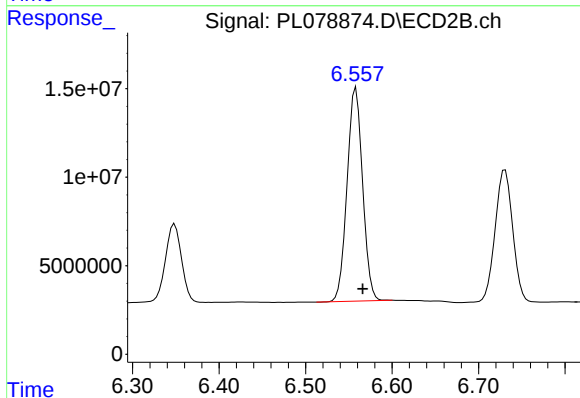
R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 58430967
Conc: 51.49 ng/ml



#21 Endrin ketone

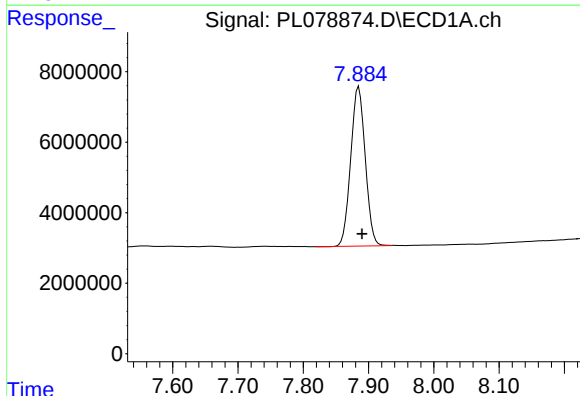
R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 92680064
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



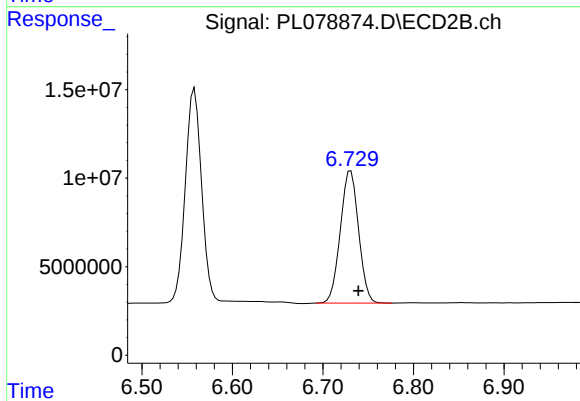
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 149628524
Conc: 57.89 ng/ml



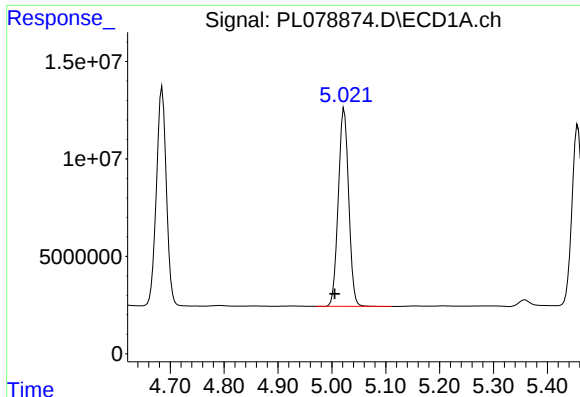
#22 Mirex

R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 69929162
Conc: 47.90 ng/ml



#22 Mirex

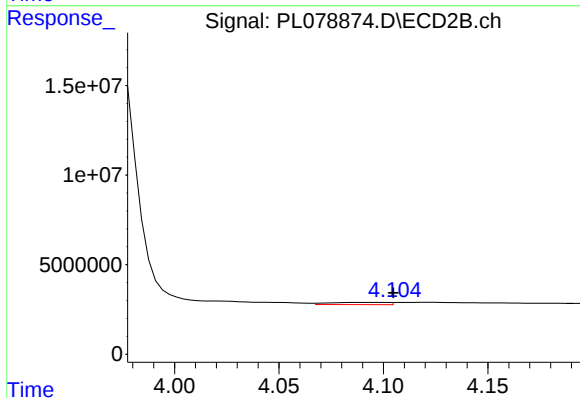
R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 104664893
Conc: 53.18 ng/ml



#24 Chlordane-2

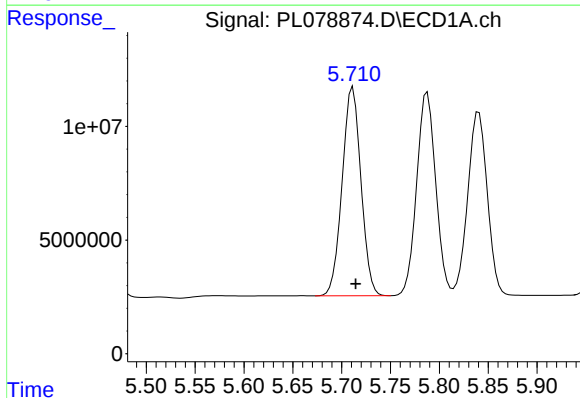
R.T.: 5.023 min
Delta R.T.: 0.018 min
Response: 136126650
Conc: 1645.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



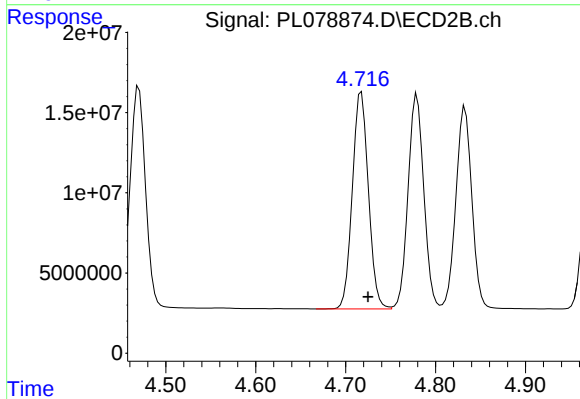
#24 Chlordane-2

R.T.: 4.097 min
Delta R.T.: -0.007 min
Response: 2411136
Conc: 22.66 ng/ml



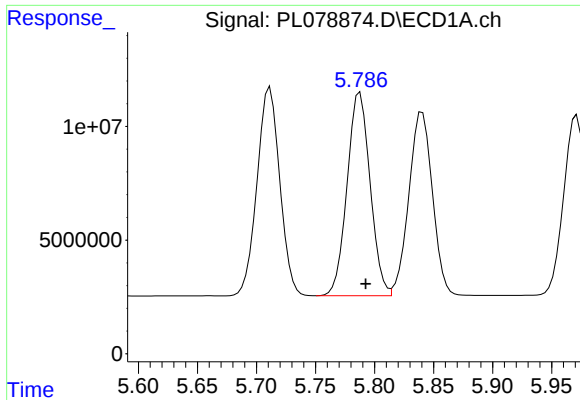
#25 Chlordane-3

R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 123140028
Conc: 368.63 ng/ml



#25 Chlordane-3

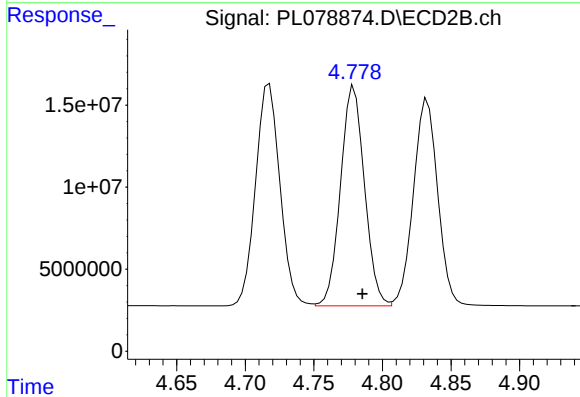
R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 167556510
Conc: 549.75 ng/ml



#26 Chlordane-4

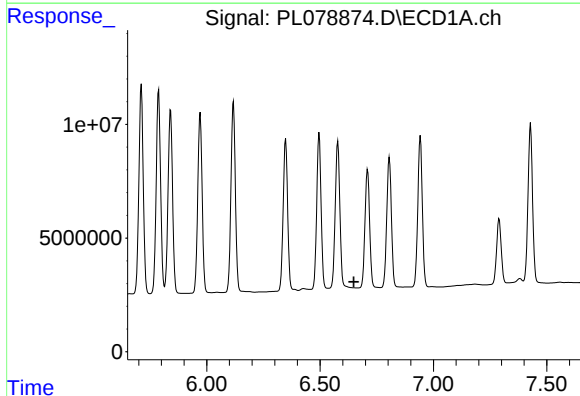
R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 121395162
Conc: 295.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



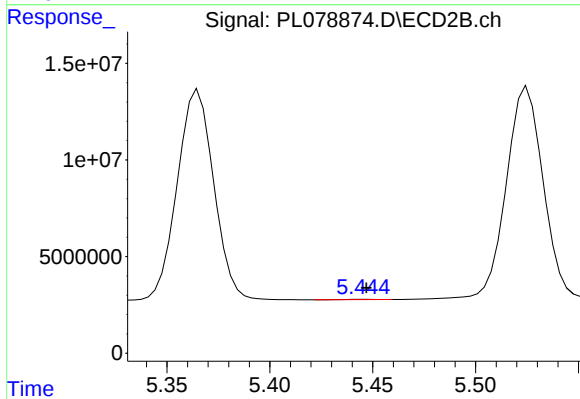
#26 Chlordane-4

R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 162962847
Conc: 498.72 ng/ml



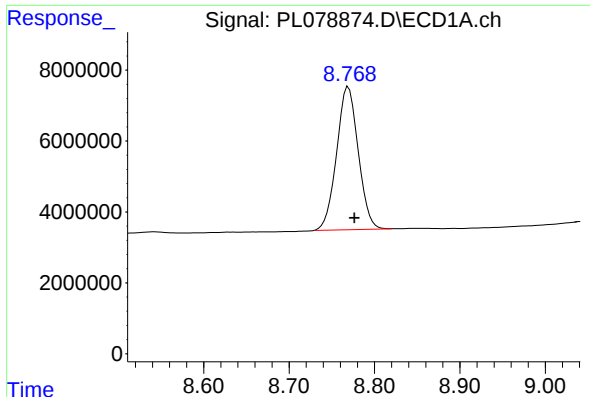
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.649 min
Response: 0
Conc: N.D.



#27 Chlordane-5

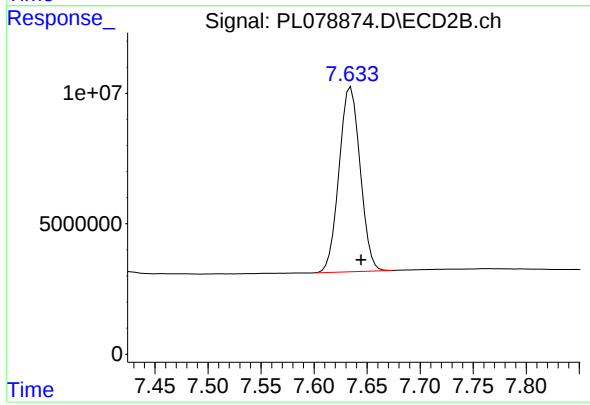
R.T.: 5.445 min
Delta R.T.: -0.002 min
Response: 183791
Conc: 2.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.007 min
Response: 70923798
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: -0.010 min
Response: 97770621
Conc: 51.62 ng/ml