

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
 Data File : PL082938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 16:39
 Operator : AR\AJ
 Sample : 02888-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

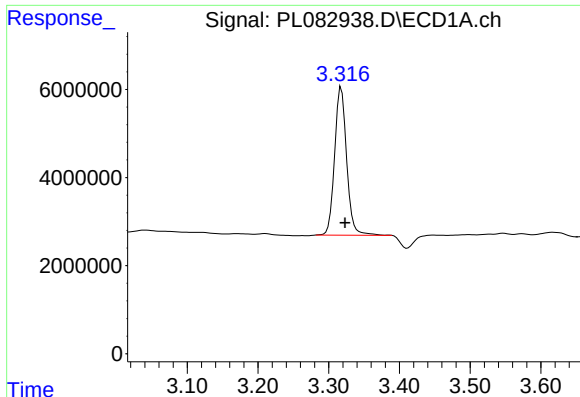
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 21:22:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.318	2.638	39711878	33276610	13.512	12.818
2)	SA Decachlor...	8.735	7.744	35871289	35843595	17.103	14.415
Target Compounds							
2)	A alpha-BHC	3.767	3.135	173.1E6	138.9E6	38.983	37.219
3)	MA gamma-BHC...	4.095	3.461	166.2E6	136.2E6	40.109	40.846
4)	MA Heptachlor	4.673	3.792	147.6E6	133.4E6	38.622	36.441
5)	MB Aldrin	5.010	4.069	143.8E6	127.8E6	40.882	39.267
6)	B beta-BHC	4.299	3.762	72122100	55203746	38.307	38.602
7)	B delta-BHC	4.540	3.987	159.6E6	129.2E6	46.421	39.422
8)	B Heptachlo...	5.437	4.570	108.6E6	114.4E6	33.961	38.549
9)	A Endosulfan I	5.817	4.937	115.8E6	106.5E6	38.579	38.126
10)	B gamma-Chl...	5.691	4.819	124.2E6	115.3E6	39.089	38.375
11)	B alpha-Chl...	5.769	4.881	123.8E6	115.6E6	38.561	38.516
12)	B 4,4'-DDE	5.947	5.072	110.4E6	99373311	40.034	40.915
13)	MA Dieldrin	6.091	5.201	121.3E6	112.3E6	40.328	39.787
14)	MA Endrin	6.318	5.475	99436094	95384025	37.003	37.598
15)	B Endosulfa...	6.542	5.772	93597666	97440851	34.033	39.383
16)	A 4,4'-DDD	6.463	5.627	93783797	81224042	43.157	42.233
17)	MA 4,4'-DDT	6.774	5.875	84511854	80239095	33.762	35.965
18)	B Endrin al...	6.671	5.952	86893151	82497152	43.216	41.719
19)	B Endosulfa...	6.905	6.174	99191089	97518104	38.690	39.820
20)	A Methoxychlor	7.255	6.453	49414262	49074082	37.368	38.588
21)	B Endrin ke...	7.385	6.679	110.7E6	114.6E6	43.398	42.368
22)	Mirex	7.849	6.849	82816876	93449425	39.511	39.939
23)	Chlordane-1	0.000	3.638f	0	86516	N.D.	1.049 #
24)	Chlordane-2	5.010f	4.207	143.8E6	239160	1305.651	2.686 #
25)	Chlordane-3	5.691	4.819	124.2E6	115.3E6	299.313	432.464 #
26)	Chlordane-4	5.769	4.881	123.8E6	115.6E6	244.388	410.379 #
27)	Chlordane-5	6.589f	5.772	498578	97440851	6.075	1003.032 #

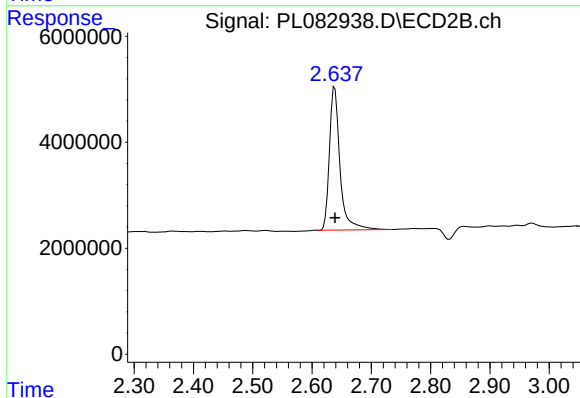
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

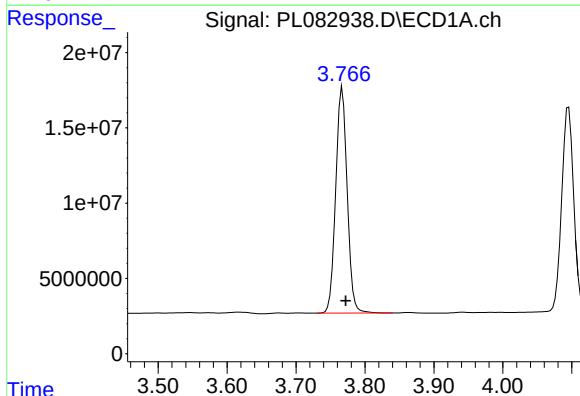
R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 39711878
Conc: 13.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



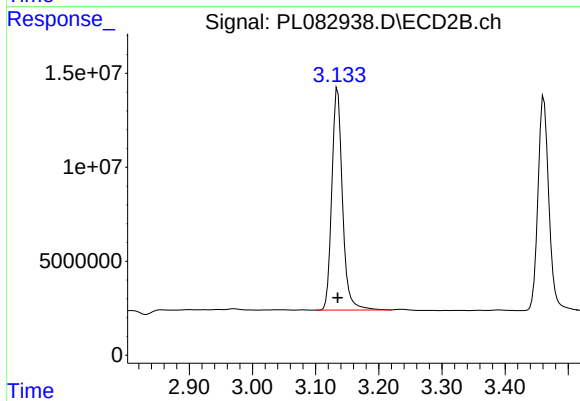
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: 0.000 min
Response: 33276610
Conc: 12.82 ng/ml



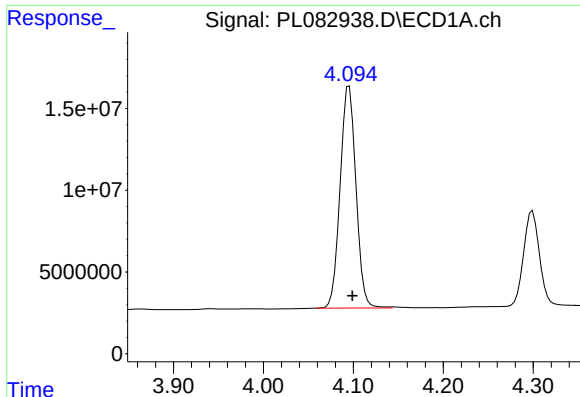
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 173054753
Conc: 38.98 ng/ml



#2 alpha-BHC

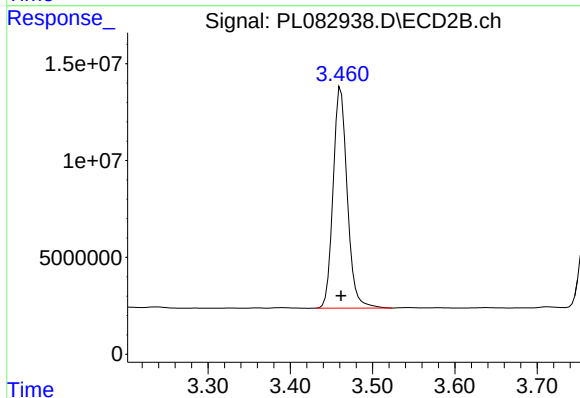
R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 138881389
Conc: 37.22 ng/ml



#3 gamma-BHC (Lindane)

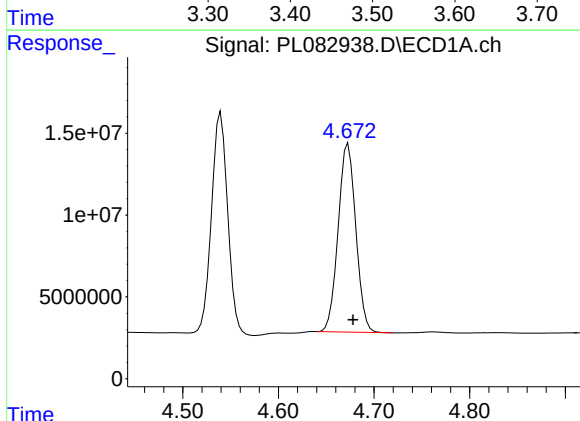
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 166168090
Conc: 40.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



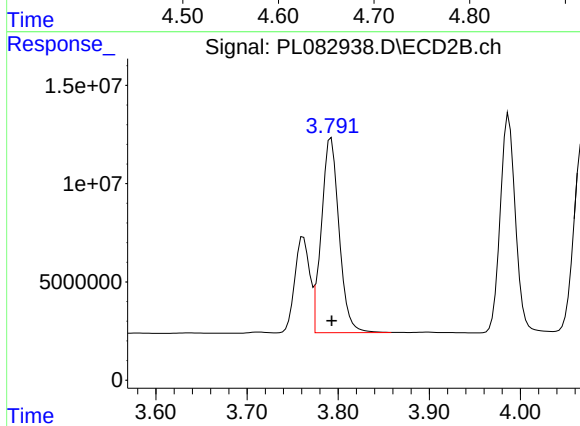
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: 0.000 min
Response: 136152842
Conc: 40.85 ng/ml



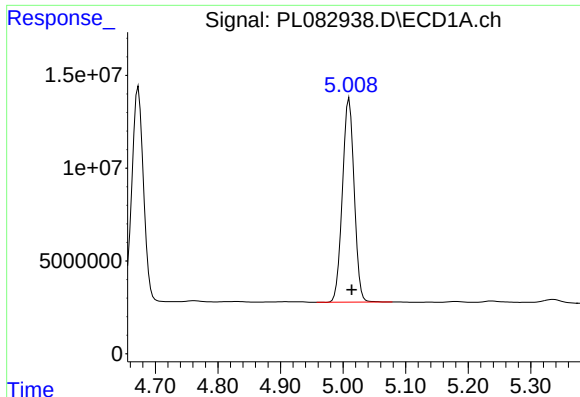
#4 Heptachlor

R.T.: 4.673 min
Delta R.T.: -0.005 min
Response: 147631904
Conc: 38.62 ng/ml



#4 Heptachlor

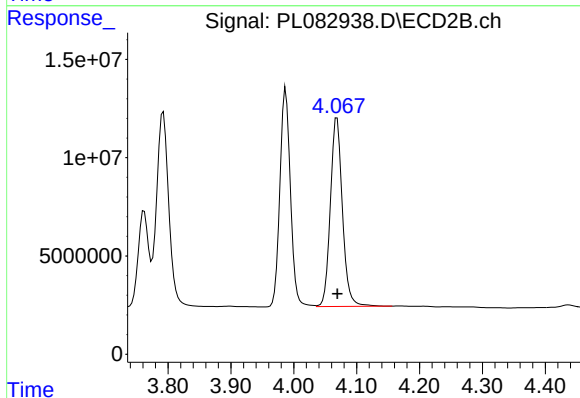
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 133414018
Conc: 36.44 ng/ml



#5 Aldrin

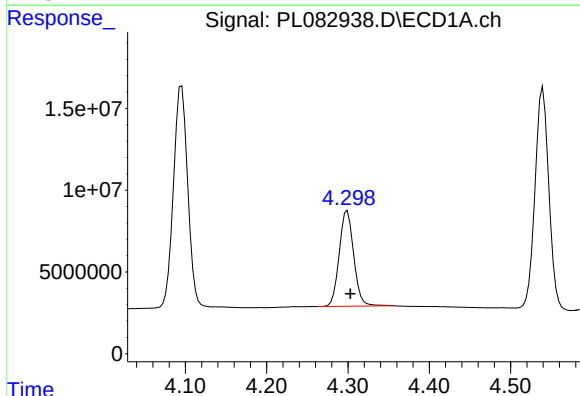
R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 143828059
Conc: 40.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



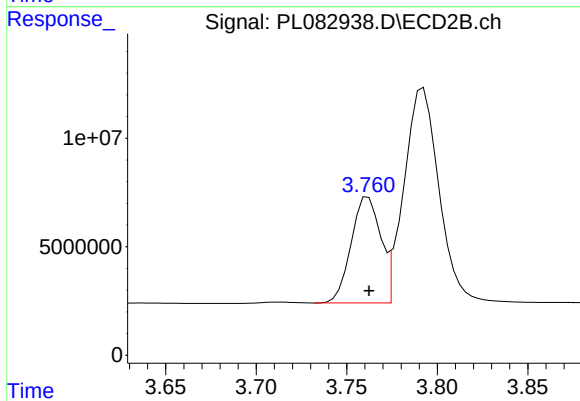
#5 Aldrin

R.T.: 4.069 min
Delta R.T.: -0.001 min
Response: 127759203
Conc: 39.27 ng/ml



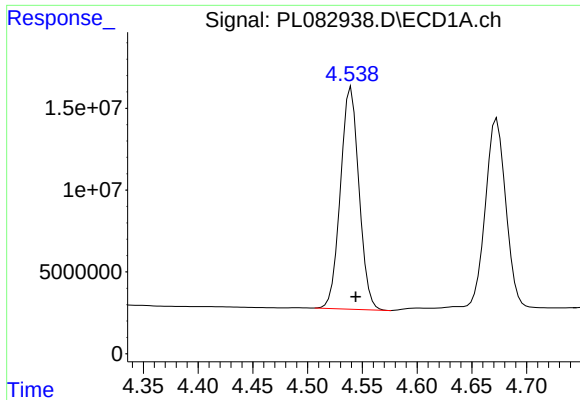
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 72122100
Conc: 38.31 ng/ml



#6 beta-BHC

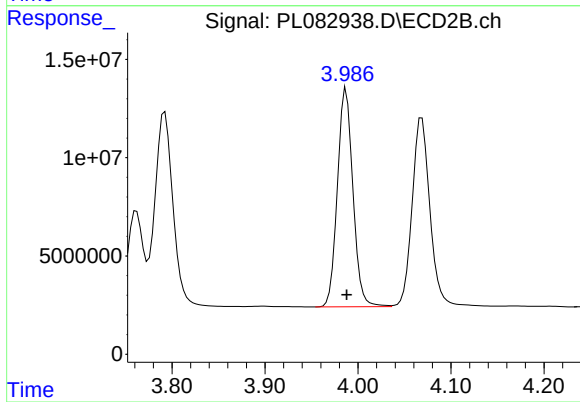
R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 55203746
Conc: 38.60 ng/ml



#7 delta-BHC

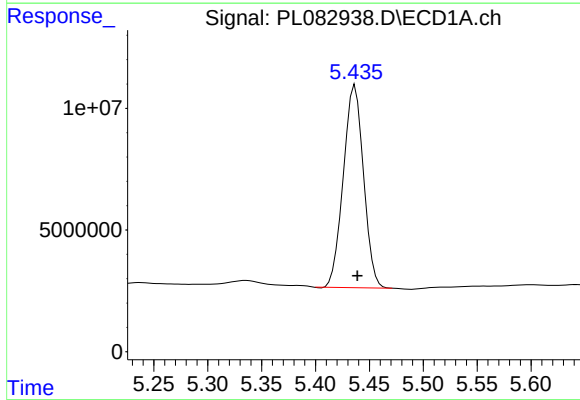
R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 159637277
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



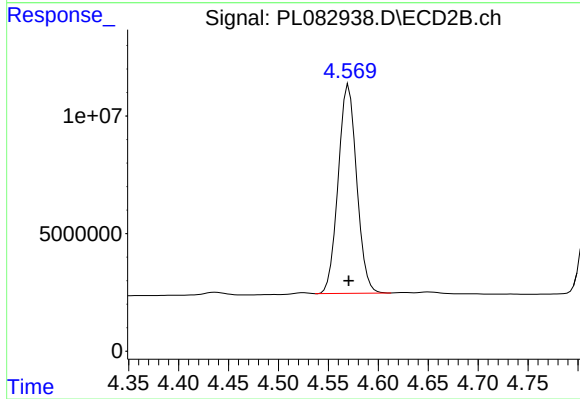
#7 delta-BHC

R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 129164404
Conc: 39.42 ng/ml



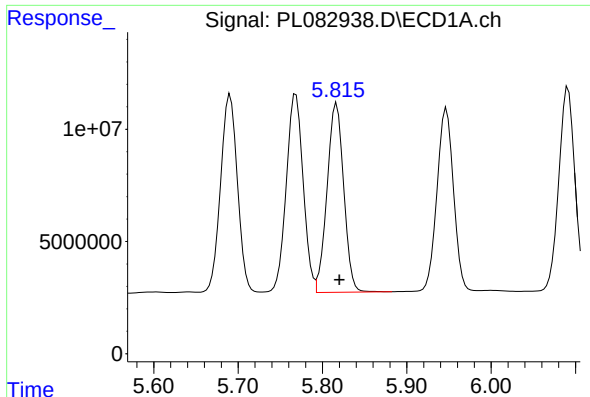
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.002 min
Response: 108632123
Conc: 33.96 ng/ml



#8 Heptachlor epoxide

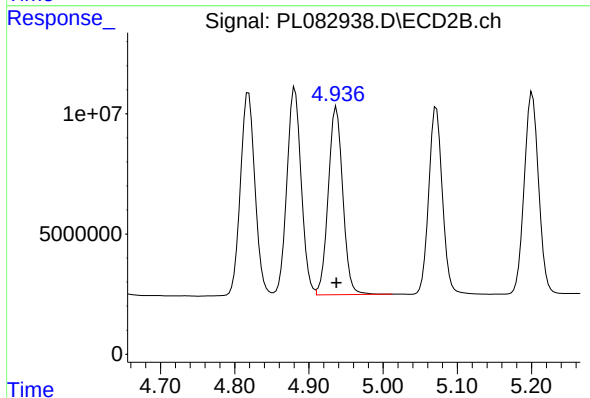
R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 114409998
Conc: 38.55 ng/ml



#9 Endosulfan I

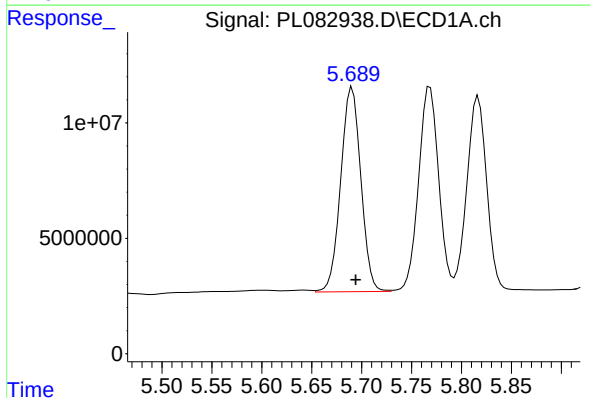
R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 115759413
Conc: 38.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



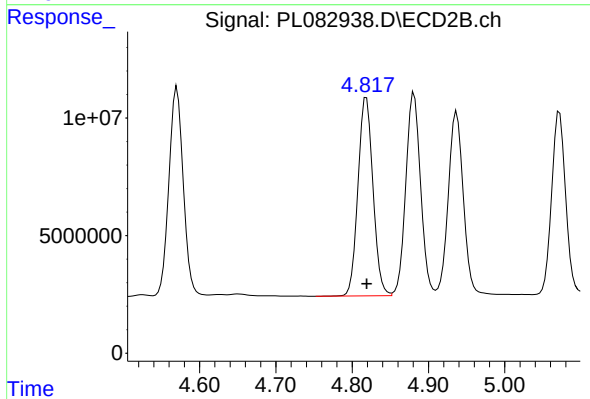
#9 Endosulfan I

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 106539604
Conc: 38.13 ng/ml



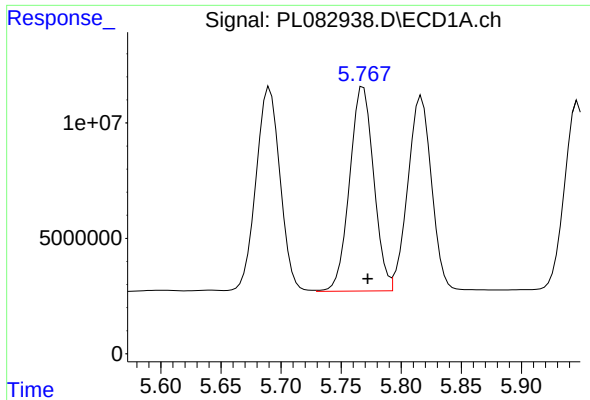
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 124185718
Conc: 39.09 ng/ml



#10 gamma-Chlordane

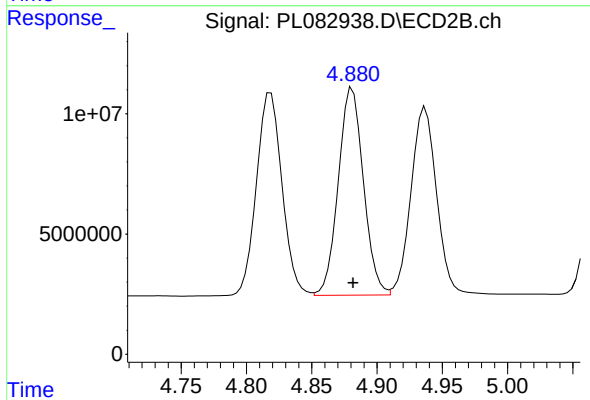
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 115253726
Conc: 38.37 ng/ml



#11 alpha-Chlordane

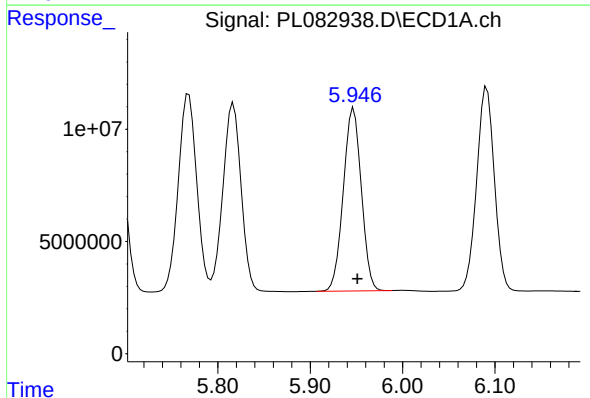
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 123752700
Conc: 38.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



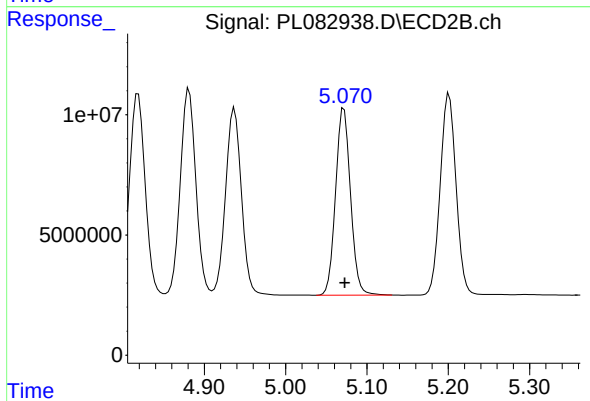
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 115624856
Conc: 38.52 ng/ml



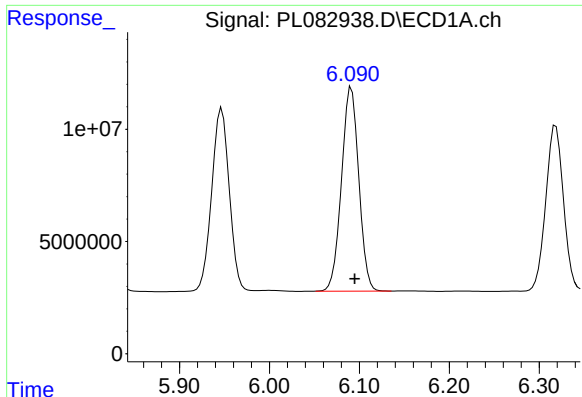
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 110353553
Conc: 40.03 ng/ml



#12 4,4'-DDE

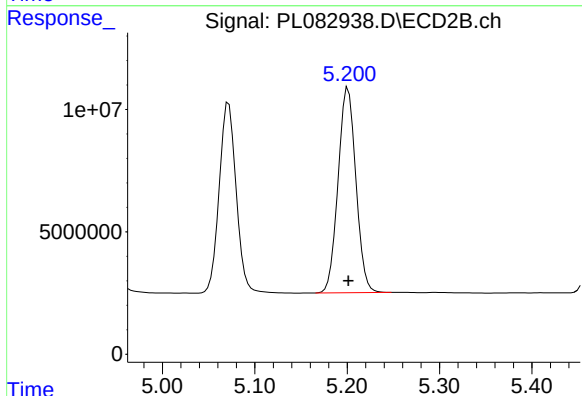
R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 99373311
Conc: 40.92 ng/ml



#13 Dieldrin

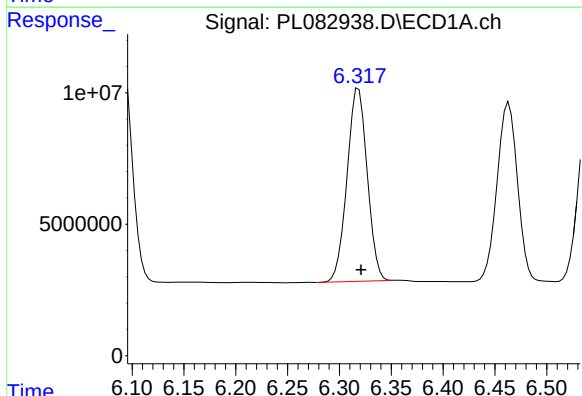
R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 121300018
Conc: 40.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



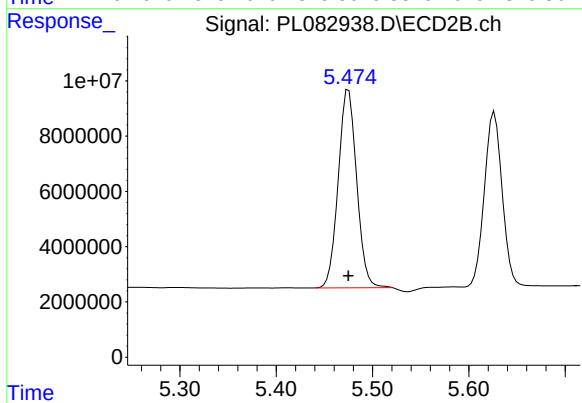
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 112314415
Conc: 39.79 ng/ml



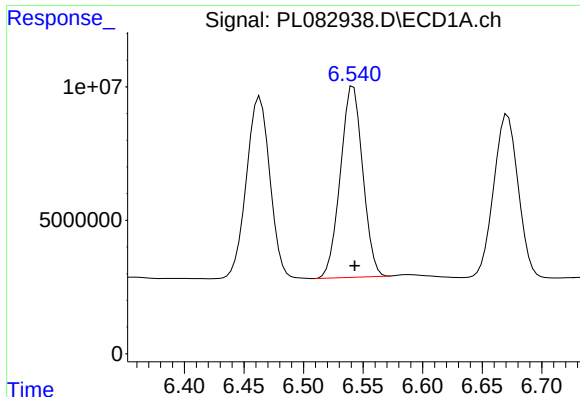
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 99436094
Conc: 37.00 ng/ml



#14 Endrin

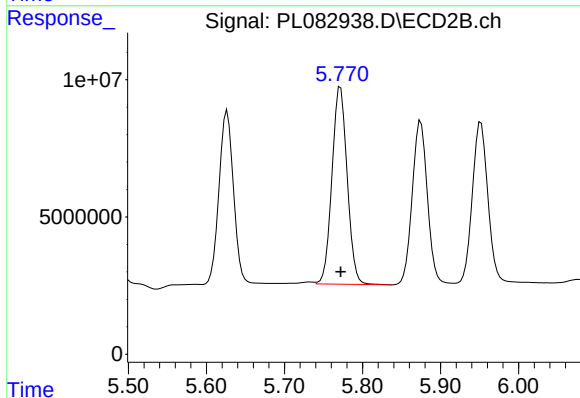
R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 95384025
Conc: 37.60 ng/ml



#15 Endosulfan II

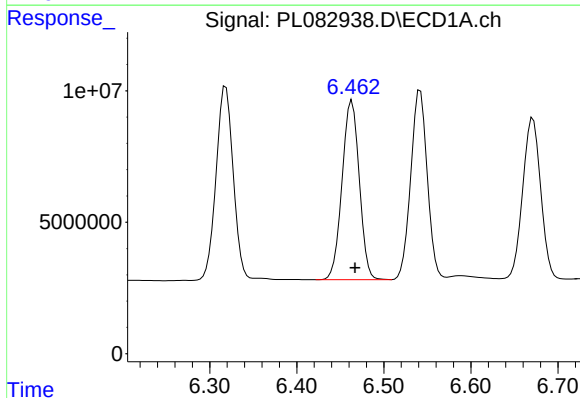
R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 93597666
Conc: 34.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



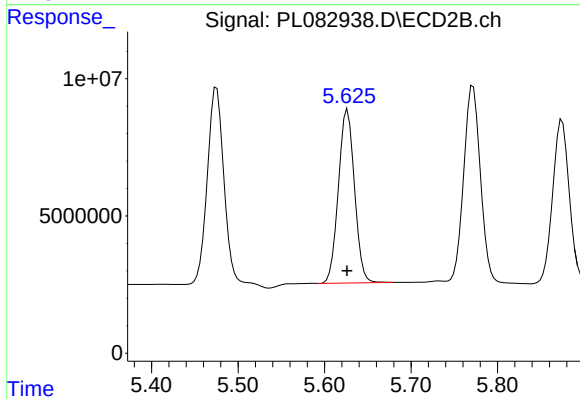
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 97440851
Conc: 39.38 ng/ml



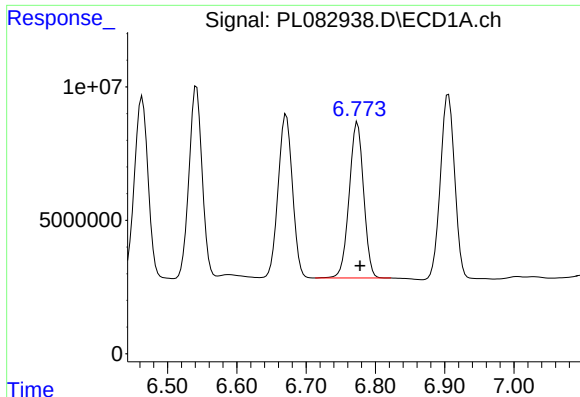
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 93783797
Conc: 43.16 ng/ml



#16 4,4'-DDD

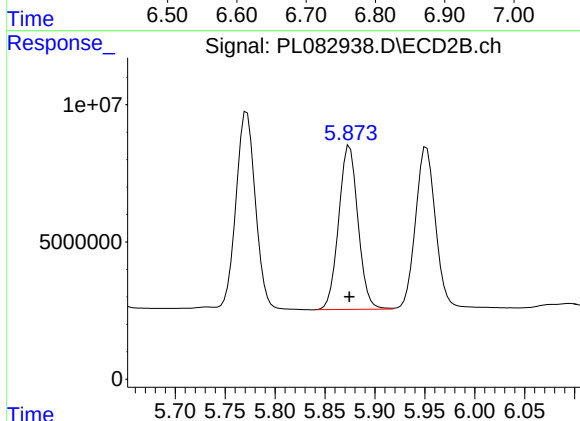
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 81224042
Conc: 42.23 ng/ml



#17 4,4'-DDT

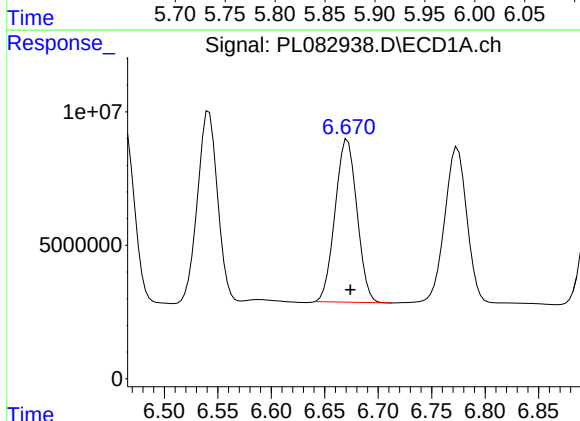
R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 84511854
Conc: 33.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



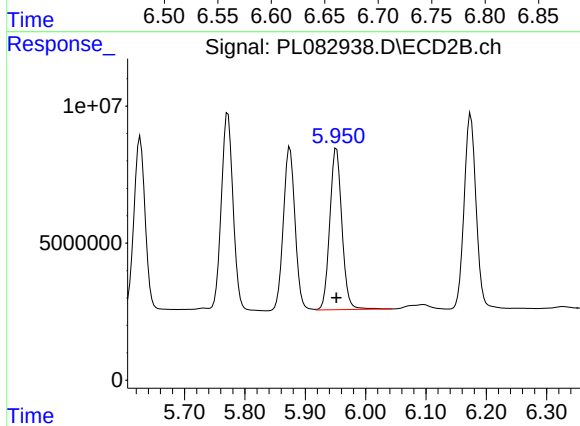
#17 4,4'-DDT

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 80239095
Conc: 35.97 ng/ml



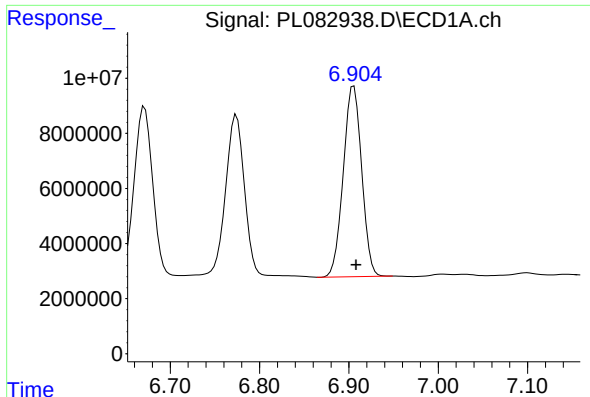
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 86893151
Conc: 43.22 ng/ml



#18 Endrin aldehyde

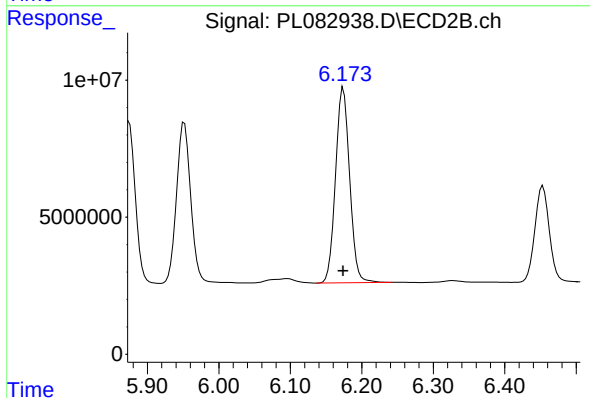
R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 82497152
Conc: 41.72 ng/ml



#19 Endosulfan Sulfate

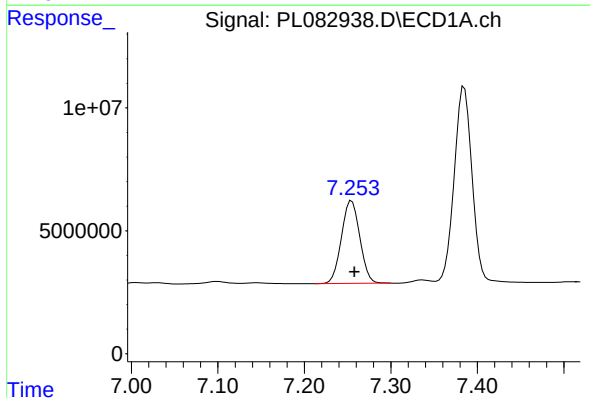
R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 99191089
Conc: 38.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



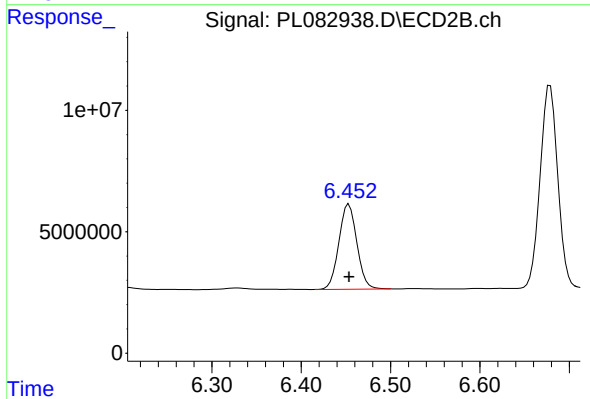
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 97518104
Conc: 39.82 ng/ml



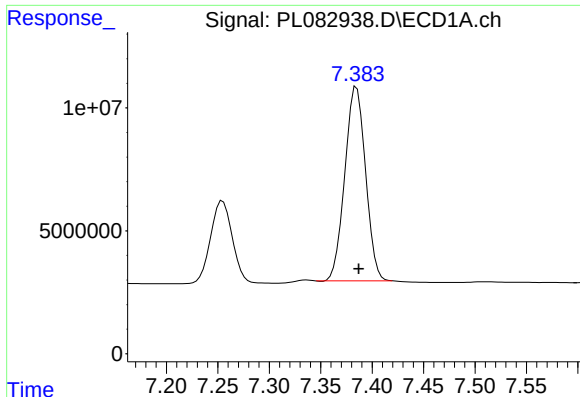
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 49414262
Conc: 37.37 ng/ml



#20 Methoxychlor

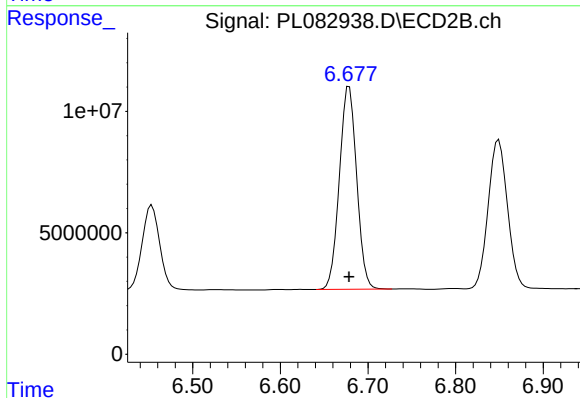
R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 49074082
Conc: 38.59 ng/ml



#21 Endrin ketone

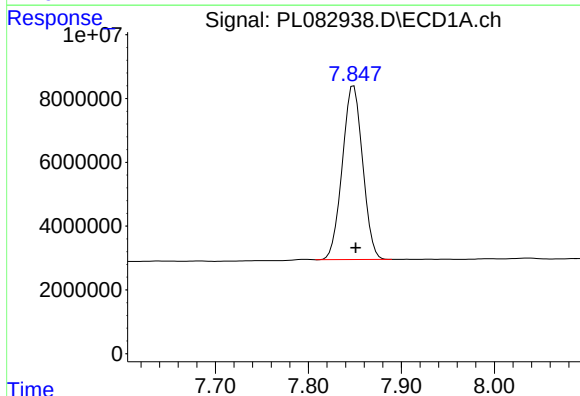
R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 110700677
Conc: 43.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



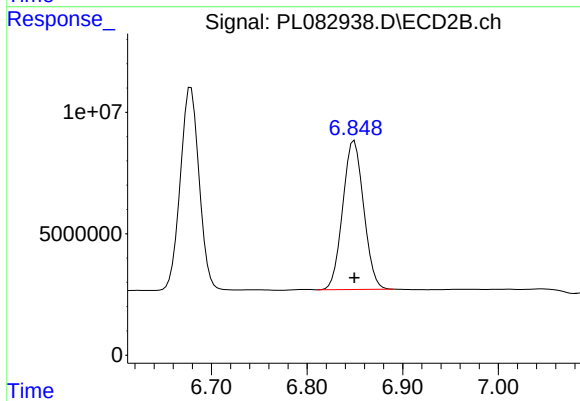
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 114557531
Conc: 42.37 ng/ml



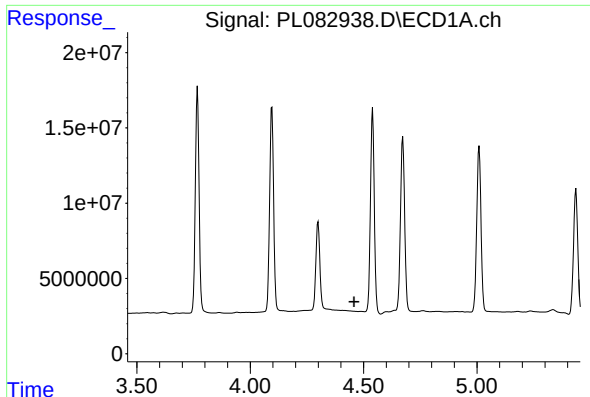
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 82816876
Conc: 39.51 ng/ml



#22 Mirex

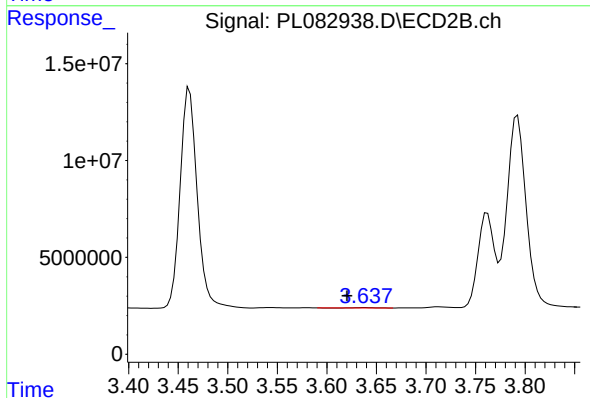
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 93449425
Conc: 39.94 ng/ml



#23 Chlordane-1

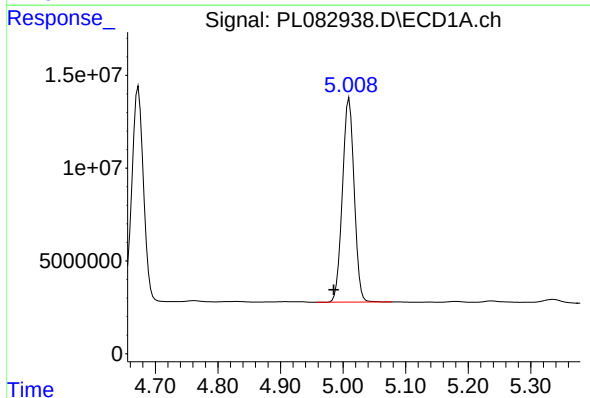
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



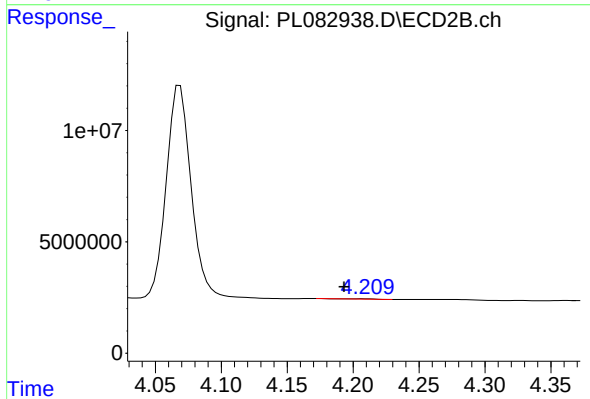
#23 Chlordane-1

R.T.: 3.638 min
Delta R.T.: 0.018 min
Response: 86516
Conc: 1.05 ng/ml



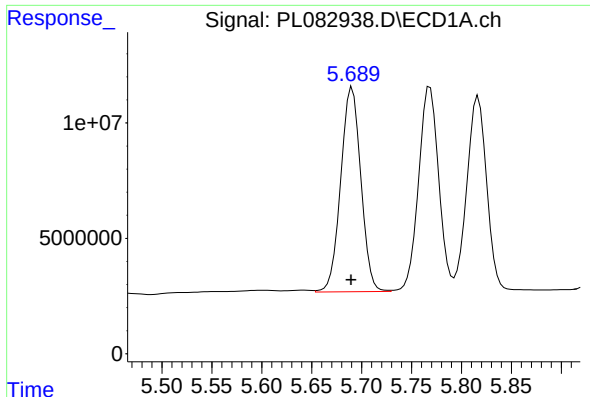
#24 Chlordane-2

R.T.: 5.010 min
Delta R.T.: 0.024 min
Response: 143828059
Conc: 1305.65 ng/ml



#24 Chlordane-2

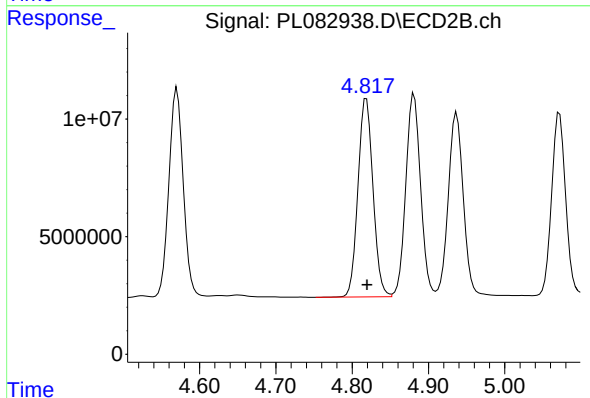
R.T.: 4.207 min
Delta R.T.: 0.014 min
Response: 239160
Conc: 2.69 ng/ml



#25 Chlordane-3

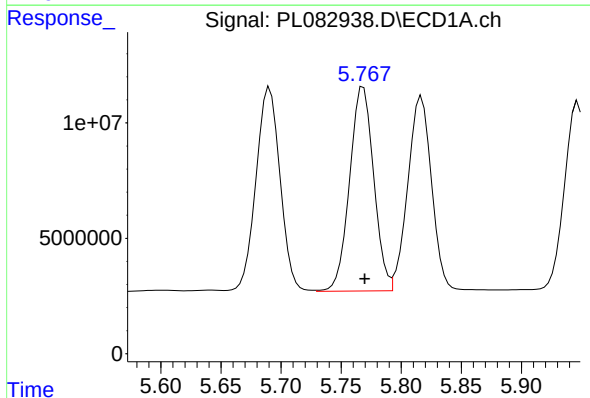
R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 124185718
Conc: 299.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



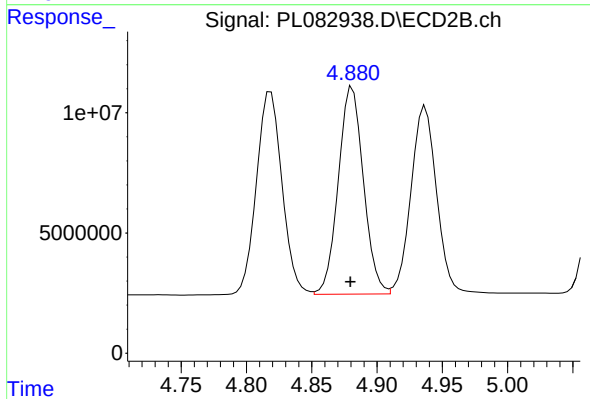
#25 Chlordane-3

R.T.: 4.819 min
Delta R.T.: -0.001 min
Response: 115253726
Conc: 432.46 ng/ml



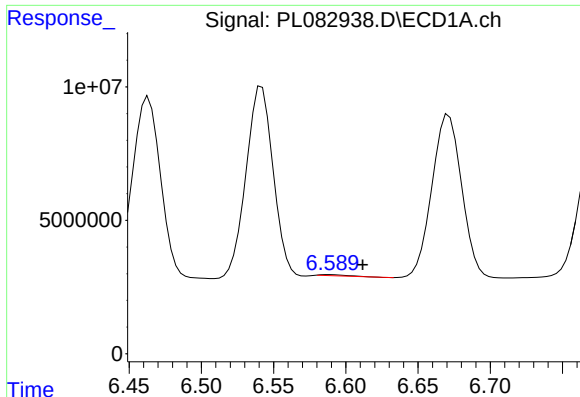
#26 Chlordane-4

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 123752700
Conc: 244.39 ng/ml



#26 Chlordane-4

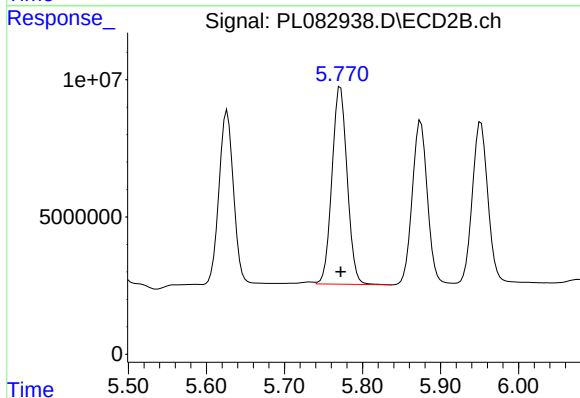
R.T.: 4.881 min
Delta R.T.: 0.001 min
Response: 115624856
Conc: 410.38 ng/ml



#27 Chlordane-5

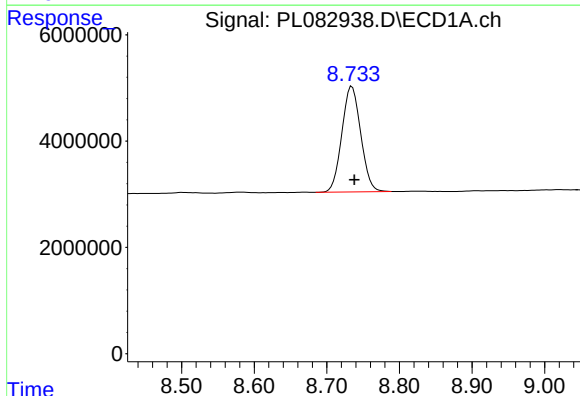
R.T.: 6.589 min
Delta R.T.: -0.023 min
Response: 498578
Conc: 6.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



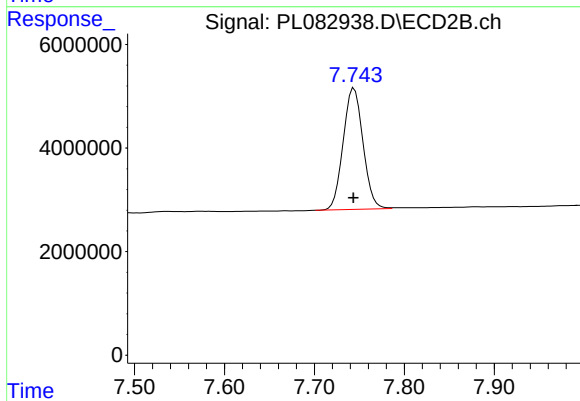
#27 Chlordane-5

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 97440851
Conc: 1003.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.003 min
Response: 35871289
Conc: 17.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 35843595
Conc: 14.42 ng/ml