

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012423\
 Data File : PL080489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2023 11:50
 Operator : AR\AJ
 Sample : 01251-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 20:43:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.352	2.690	38552869	36467014	17.975	16.603
28)	SA Decachlor...	8.787	7.837	34476110	41793863	19.692	17.542
Target Compounds							
2)	A alpha-BHC	3.801	3.191	150.1E6	144.9E6	47.383	45.575
3)	MA gamma-BHC...	4.129	3.520	143.4E6	135.5E6	48.782	45.368
4)	MA Heptachlor	4.712	3.860	140.8E6	138.0E6	47.641	43.372
5)	MB Aldrin	5.051	4.140	131.6E6	132.6E6	48.109	44.959
6)	B beta-BHC	4.325	3.815	61074947	58102768	44.743	43.535
7)	B delta-BHC	4.568	4.045	141.7E6	130.8E6	48.958	45.356
8)	B Heptachlo...	5.476	4.642	122.2E6	120.7E6	47.223	43.398
9)	A Endosulfan I	5.857	5.012	108.8E6	109.2E6	46.075	41.970
10)	B gamma-Chl...	5.730	4.893	119.2E6	119.0E6	47.212	41.996
11)	B alpha-Chl...	5.809	4.957	118.0E6	120.0E6	46.739	41.904
12)	B 4,4'-DDE	5.987	5.150	105.4E6	103.0E6	47.302	43.665
13)	MA Dieldrin	6.130	5.276	116.3E6	117.8E6	48.578	43.568
14)	MA Endrin	6.358	5.551	104.1E6	107.1E6	48.140	46.157
15)	B Endosulfa...	6.577	5.845	99609666	102.7E6	43.454	49.295
16)	A 4,4'-DDD	6.501	5.703	86394020	84136061	47.159	44.772
17)	MA 4,4'-DDT	6.813	5.954	93526419	90297584	45.015	42.968
18)	B Endrin al...	6.707	6.024	84119103	83263326	50.570	45.596
19)	B Endosulfa...	6.940	6.248	99921325	100.6E6	48.273	43.257
20)	A Methoxychlor	7.292	6.533	51908973	51740681	47.049	42.639
21)	B Endrin ke...	7.420	6.752	105.4E6	111.0E6	47.752	43.492
22)	Mirex	7.891	6.936	84488012	97886622	49.127	42.994
23)	Chlordane-1	0.000	3.696	0	229009	N.D.	2.812 #
24)	Chlordane-2	5.051f	4.271	131.6E6	25460	1364.615	0.282 #
25)	Chlordane-3	5.730	4.893	119.2E6	119.0E6	352.884	451.299 #
26)	Chlordane-4	5.809	4.957	118.0E6	120.0E6	273.474	445.755 #

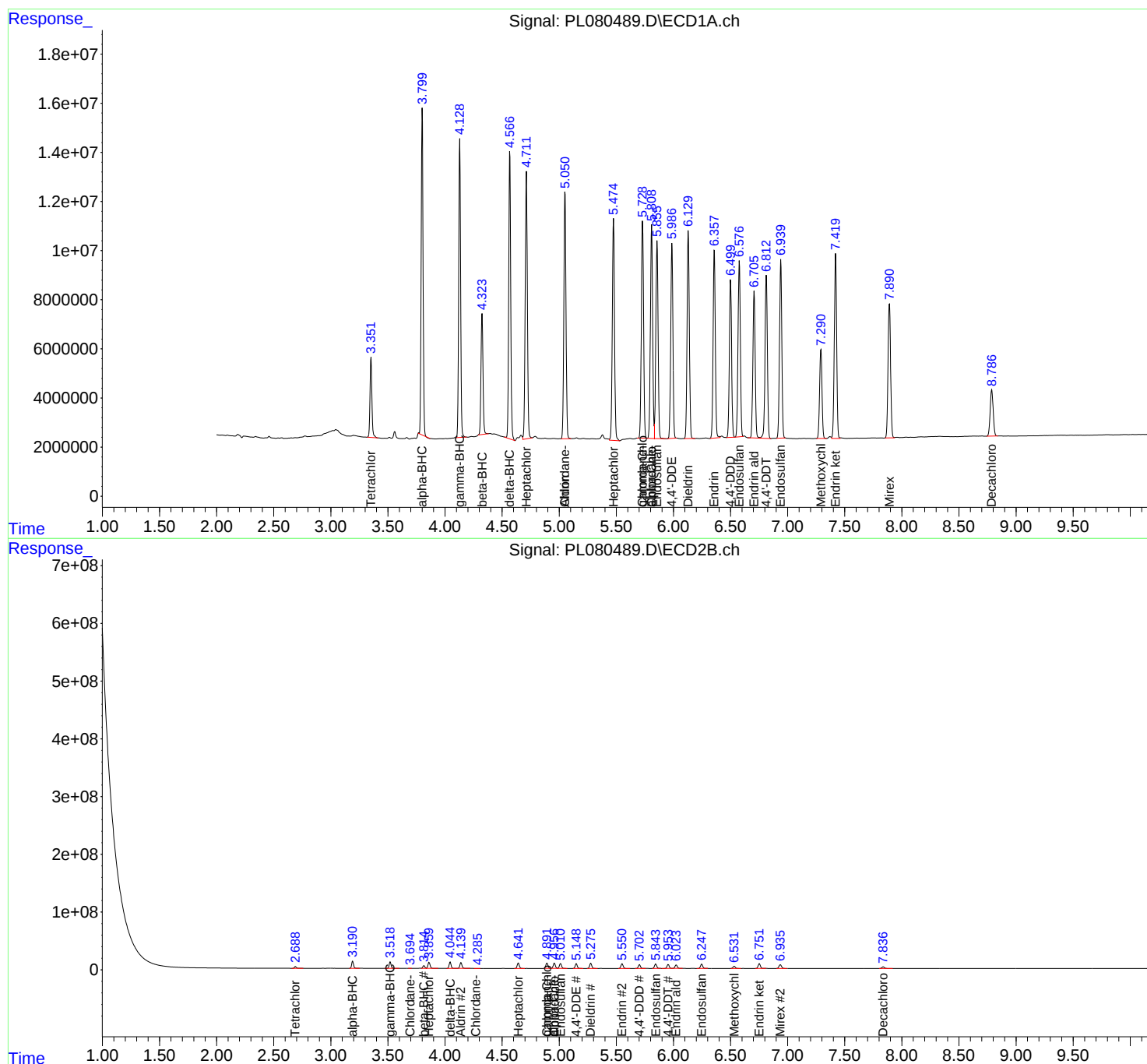
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

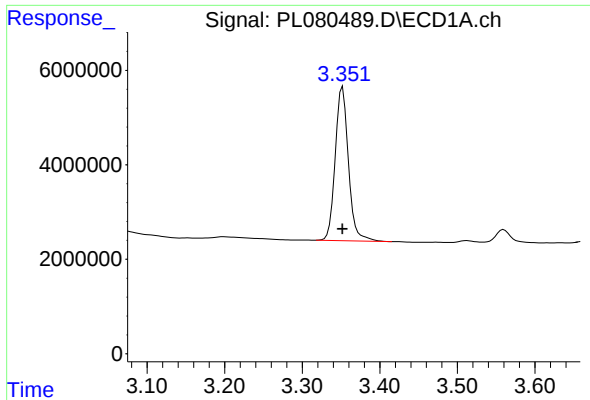
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012423\
Data File : PL080489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2023 11:50
Operator : AR\AJ
Sample : 01251-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 20:43:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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

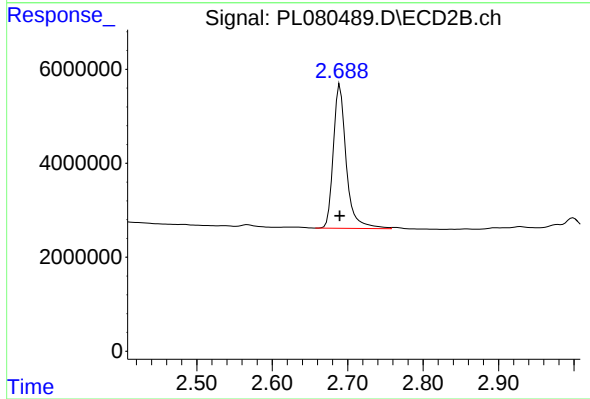




#1 Tetrachloro-m-xylene

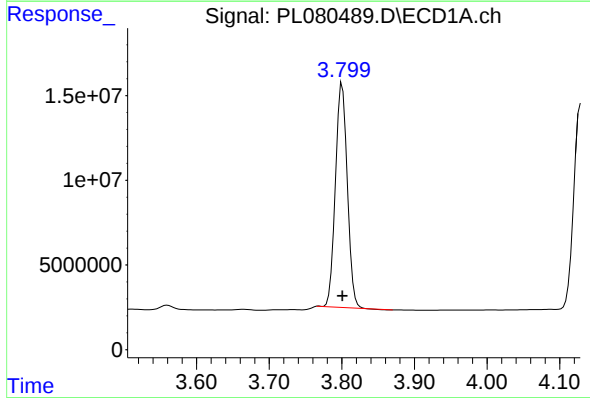
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 38552869
Conc: 17.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



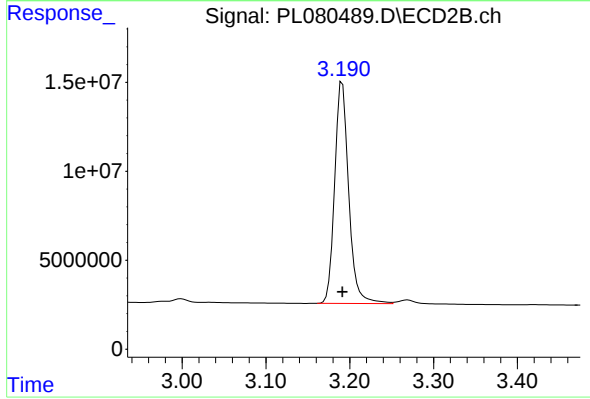
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 36467014
Conc: 16.60 ng/ml



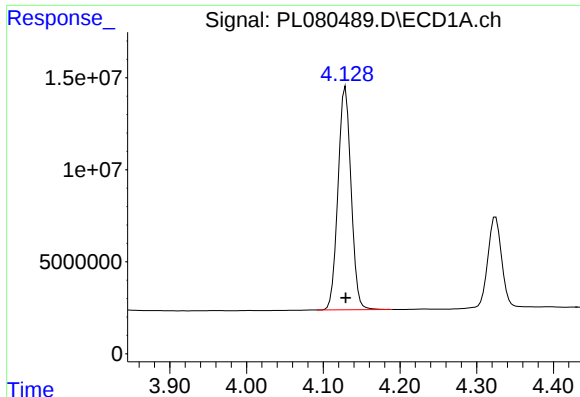
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 150111658
Conc: 47.38 ng/ml



#2 alpha-BHC

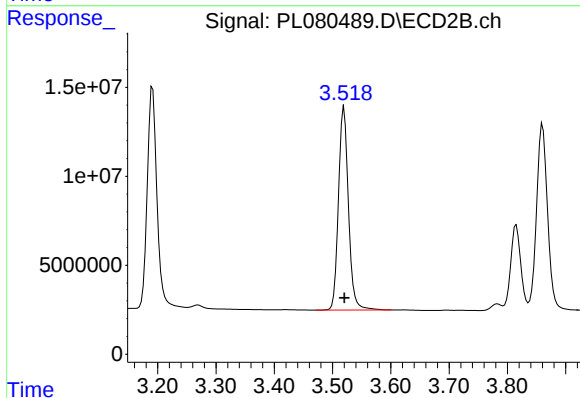
R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 144946868
Conc: 45.57 ng/ml



#3 gamma-BHC (Lindane)

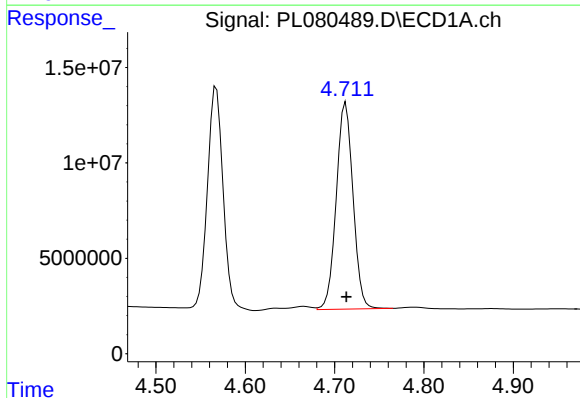
R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 143406794
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



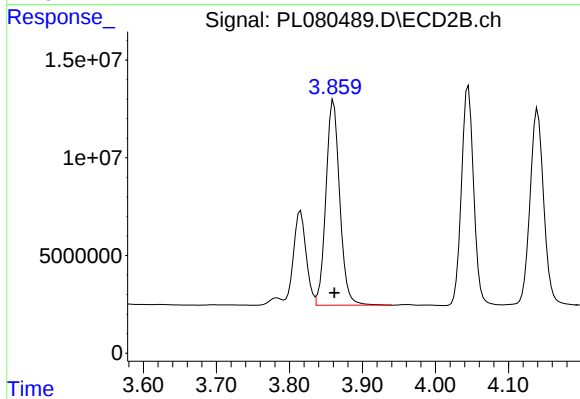
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 135528386
Conc: 45.37 ng/ml



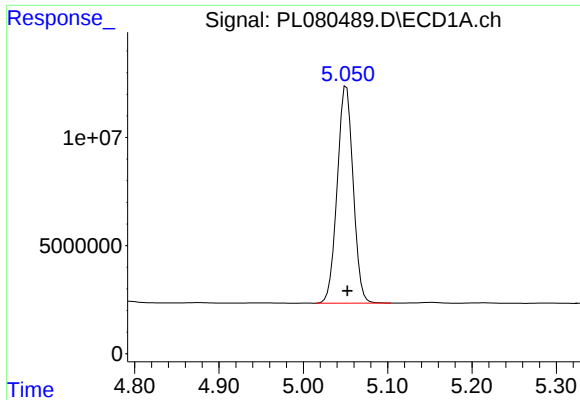
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 140788714
Conc: 47.64 ng/ml



#4 Heptachlor

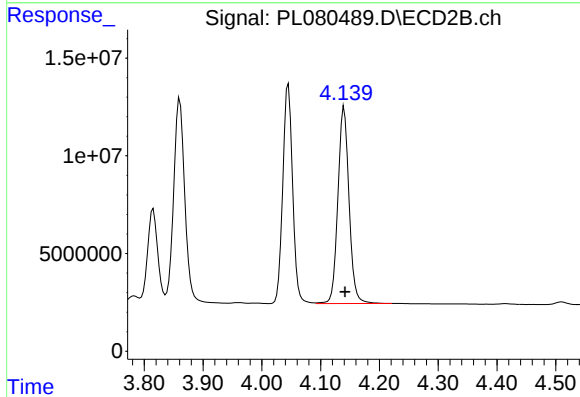
R.T.: 3.860 min
Delta R.T.: -0.001 min
Response: 138024738
Conc: 43.37 ng/ml



#5 Aldrin

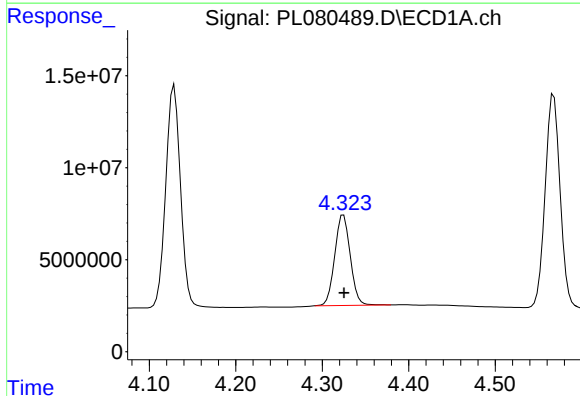
R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 131616359
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



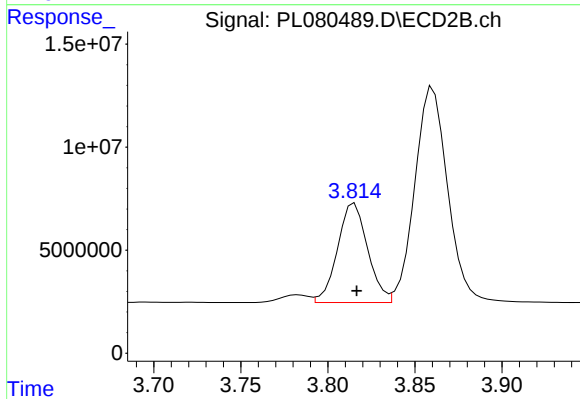
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.001 min
Response: 132608937
Conc: 44.96 ng/ml



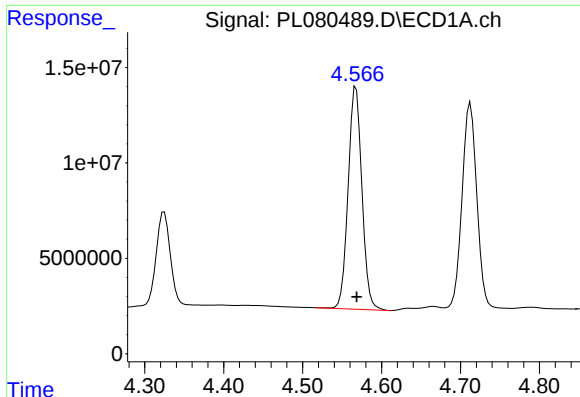
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 61074947
Conc: 44.74 ng/ml



#6 beta-BHC

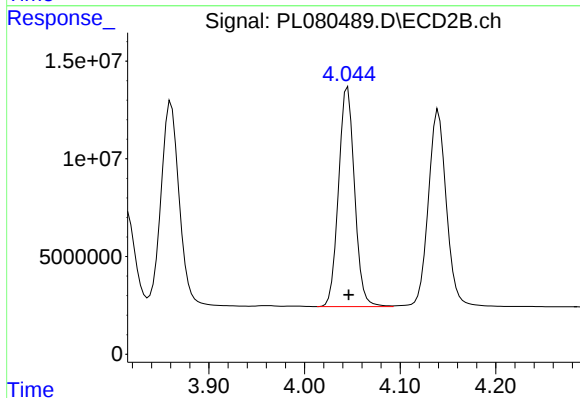
R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 58102768
Conc: 43.53 ng/ml



#7 delta-BHC

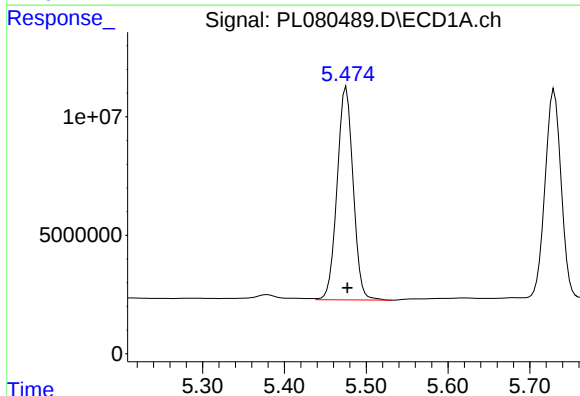
R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 141732740
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



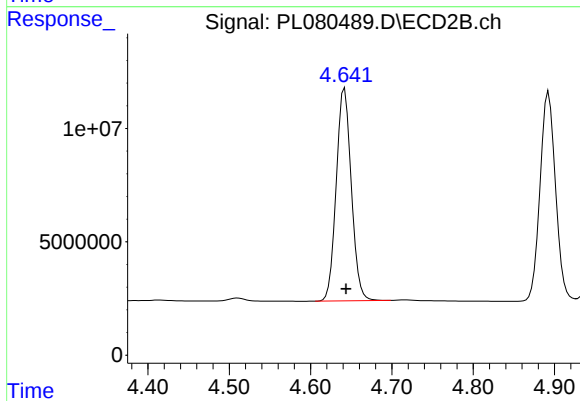
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 130825411
Conc: 45.36 ng/ml



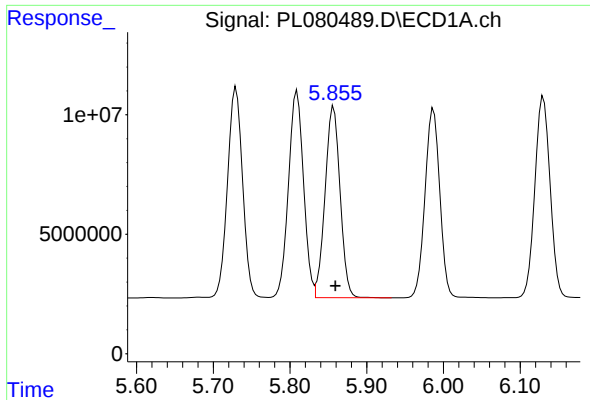
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 122169365
Conc: 47.22 ng/ml



#8 Heptachlor epoxide

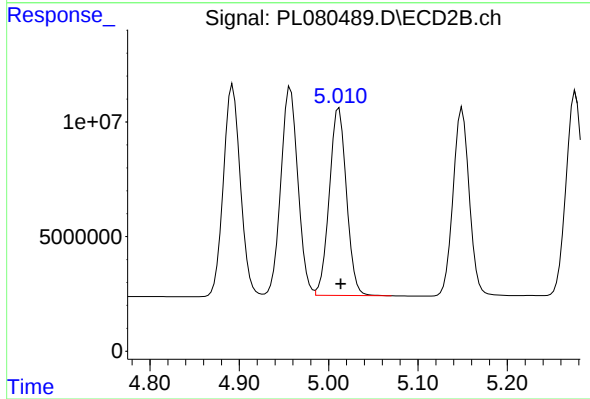
R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 120747494
Conc: 43.40 ng/ml



#9 Endosulfan I

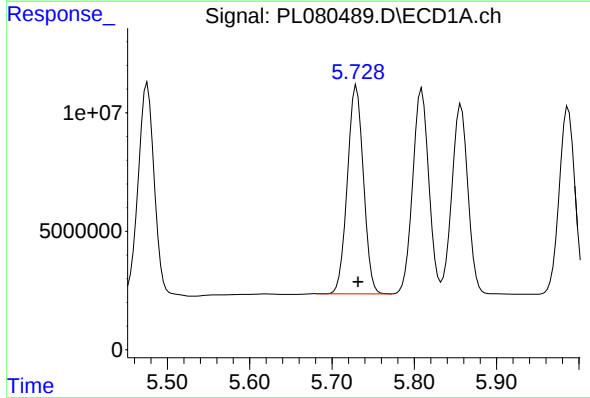
R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 108805472
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



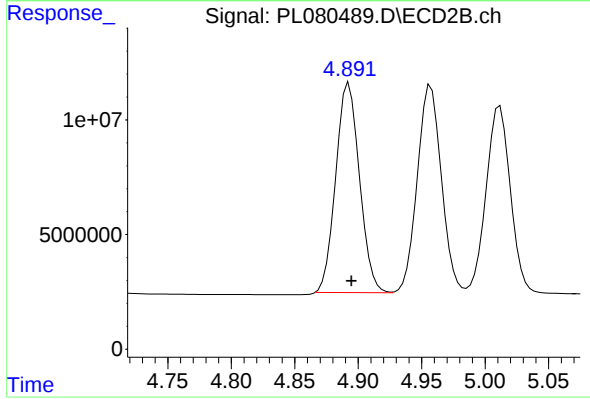
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 109178895
Conc: 41.97 ng/ml



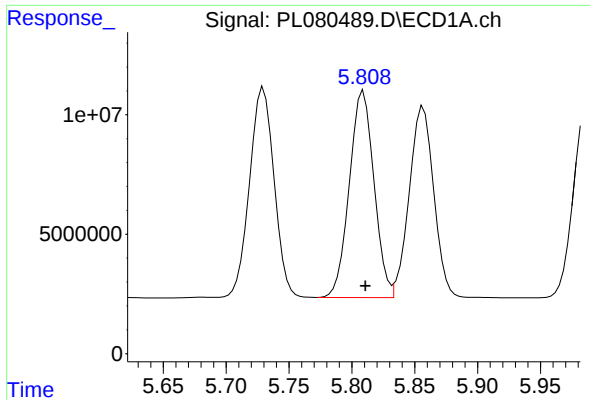
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 119243624
Conc: 47.21 ng/ml



#10 gamma-Chlordane

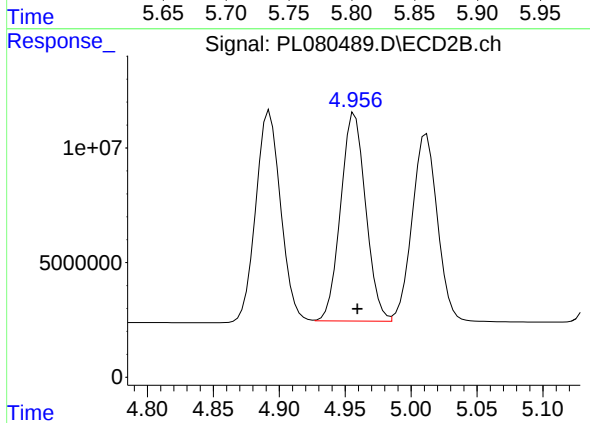
R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 119027918
Conc: 42.00 ng/ml



#11 alpha-Chlordane

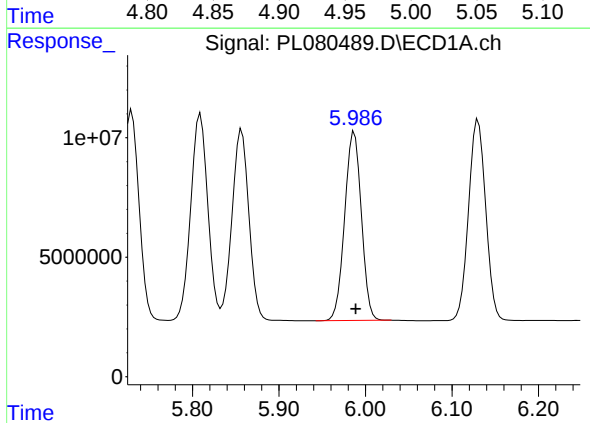
R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 117981015
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



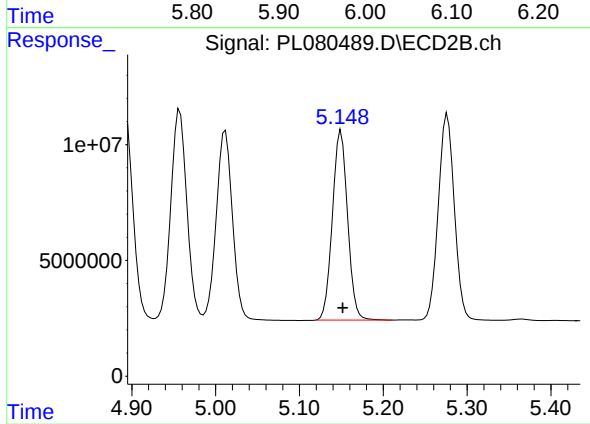
#11 alpha-Chlordane

R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 120040750
Conc: 41.90 ng/ml



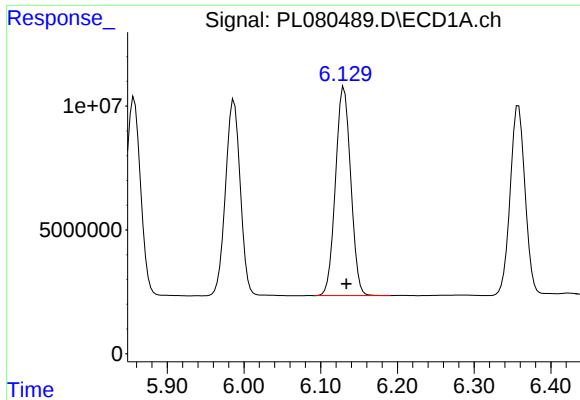
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 105358127
Conc: 47.30 ng/ml



#12 4,4'-DDE

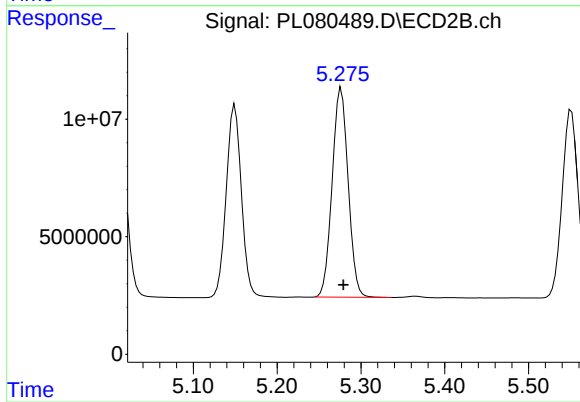
R.T.: 5.150 min
Delta R.T.: -0.002 min
Response: 102997955
Conc: 43.66 ng/ml



#13 Dieldrin

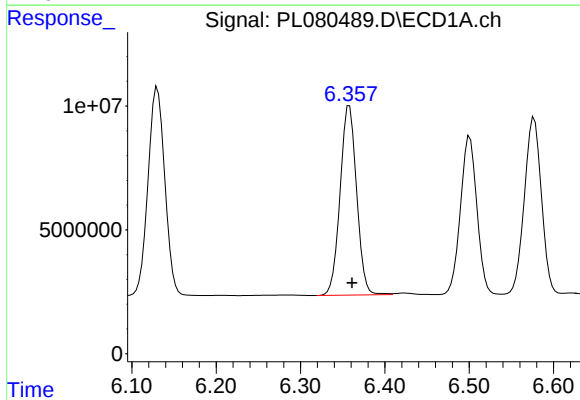
R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 116264541
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



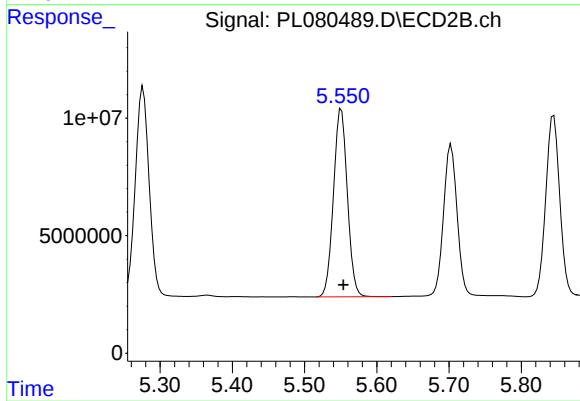
#13 Dieldrin

R.T.: 5.276 min
Delta R.T.: -0.003 min
Response: 117849094
Conc: 43.57 ng/ml



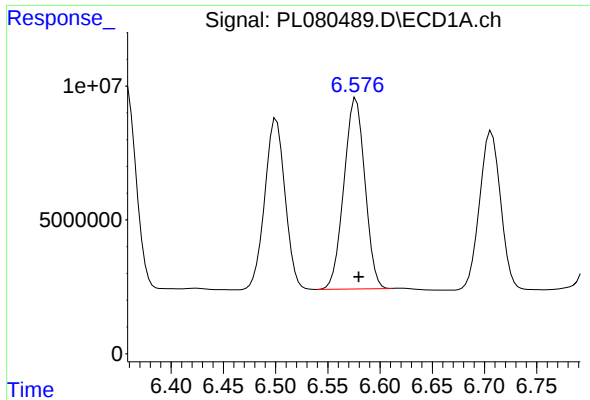
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 104113243
Conc: 48.14 ng/ml



#14 Endrin

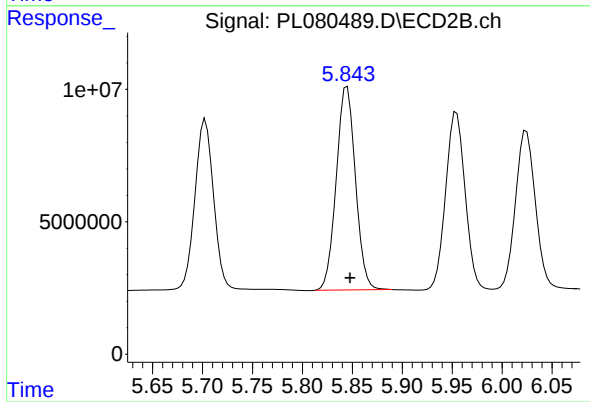
R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 107138903
Conc: 46.16 ng/ml



#15 Endosulfan II

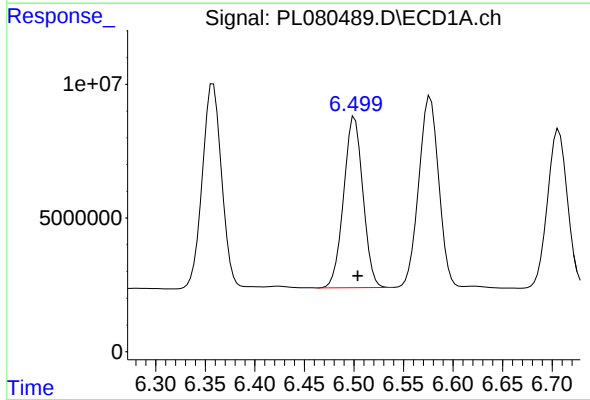
R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 99609666
Conc: 43.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



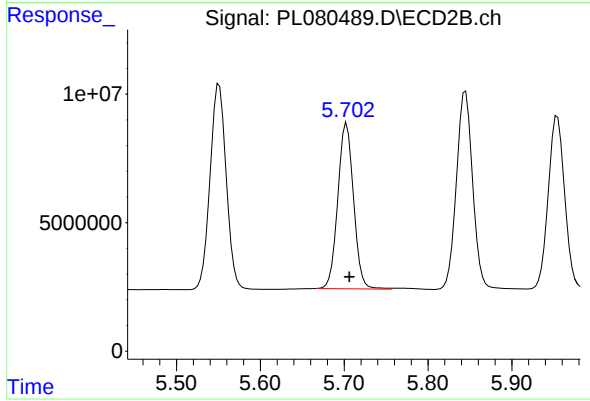
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.003 min
Response: 102717847
Conc: 49.30 ng/ml



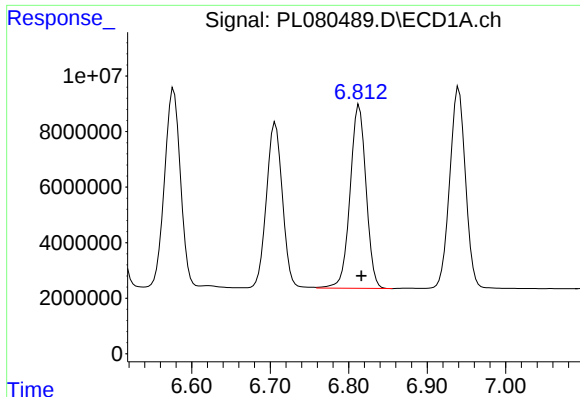
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 86394020
Conc: 47.16 ng/ml



#16 4,4'-DDD

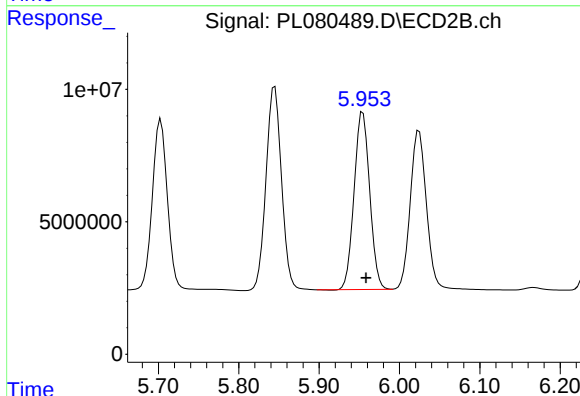
R.T.: 5.703 min
Delta R.T.: -0.003 min
Response: 84136061
Conc: 44.77 ng/ml



#17 4,4'-DDT

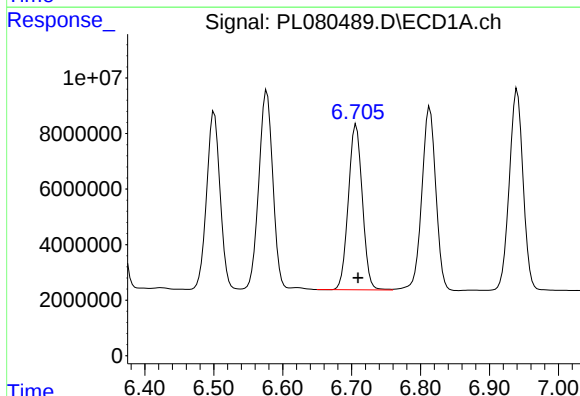
R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 93526419
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



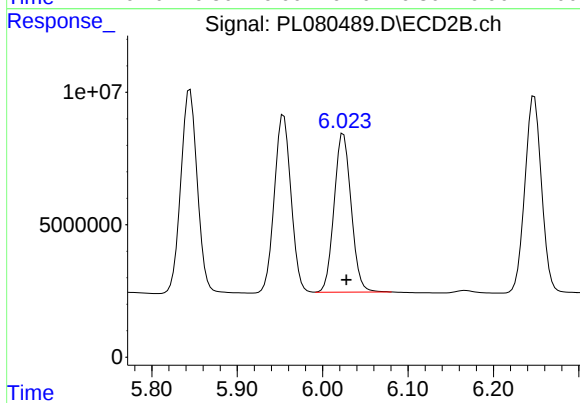
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 90297584
Conc: 42.97 ng/ml



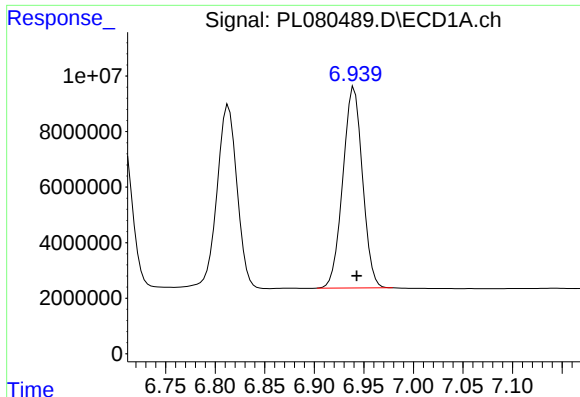
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 84119103
Conc: 50.57 ng/ml



#18 Endrin aldehyde

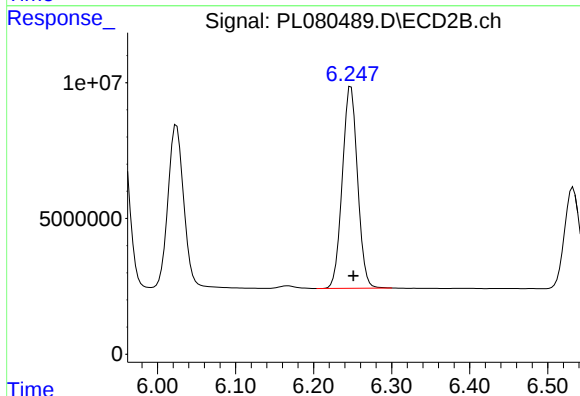
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 83263326
Conc: 45.60 ng/ml



#19 Endosulfan Sulfate

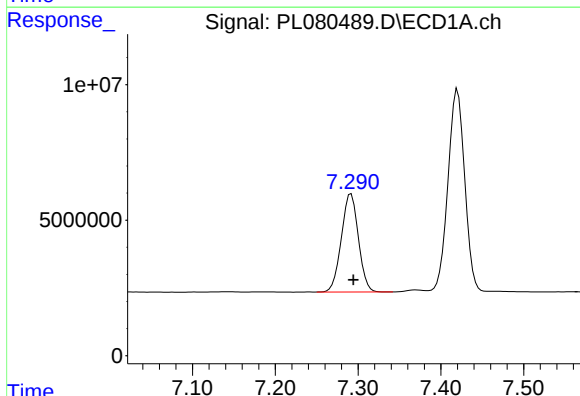
R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 99921325
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



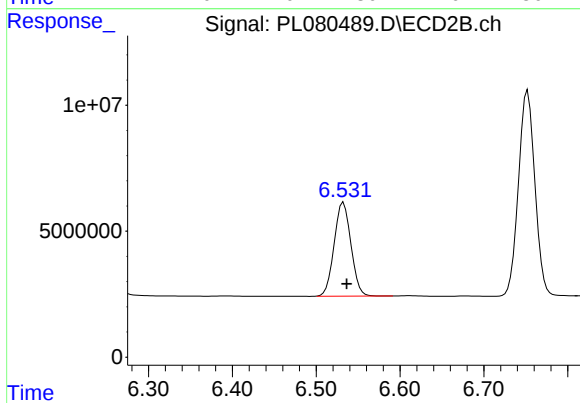
#19 Endosulfan Sulfate

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 100602070
Conc: 43.26 ng/ml



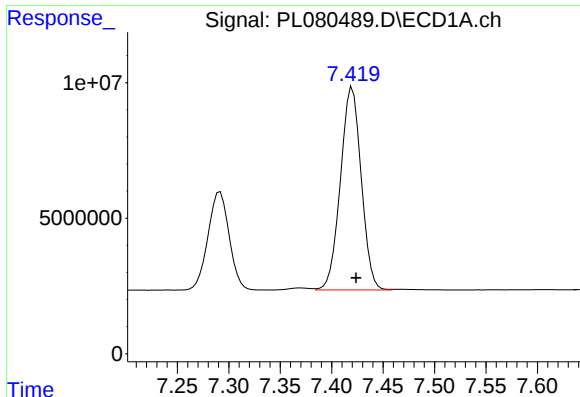
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 51908973
Conc: 47.05 ng/ml



#20 Methoxychlor

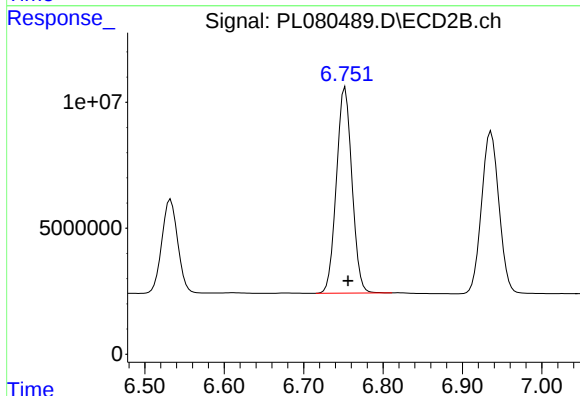
R.T.: 6.533 min
Delta R.T.: -0.004 min
Response: 51740681
Conc: 42.64 ng/ml



#21 Endrin ketone

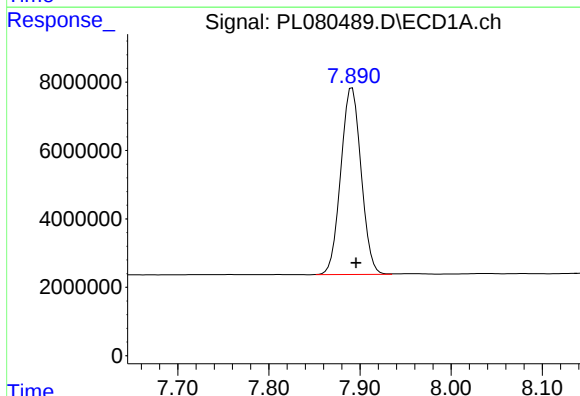
R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 105357360
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



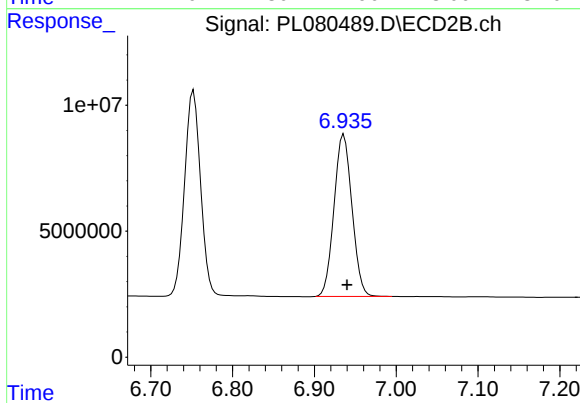
#21 Endrin ketone

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 111045748
Conc: 43.49 ng/ml



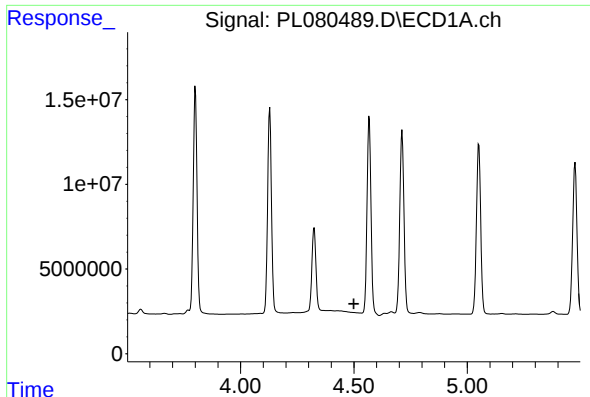
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 84488012
Conc: 49.13 ng/ml



#22 Mirex

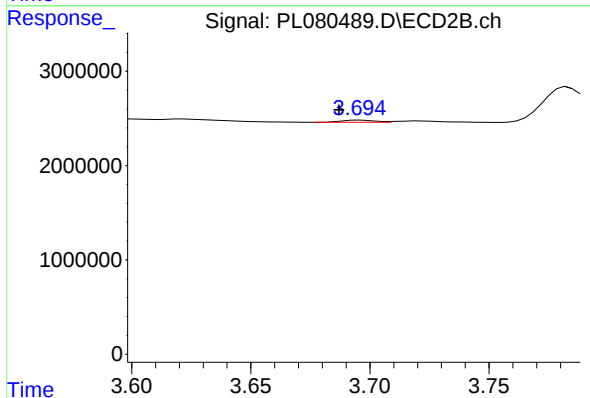
R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 97886622
Conc: 42.99 ng/ml



#23 Chlordane-1

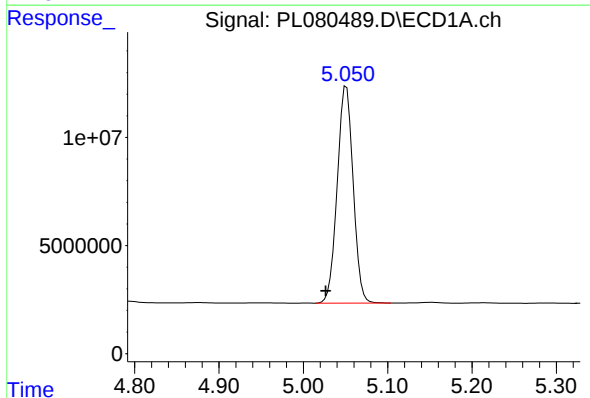
R.T.: 0.000 min
Exp R.T.: 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



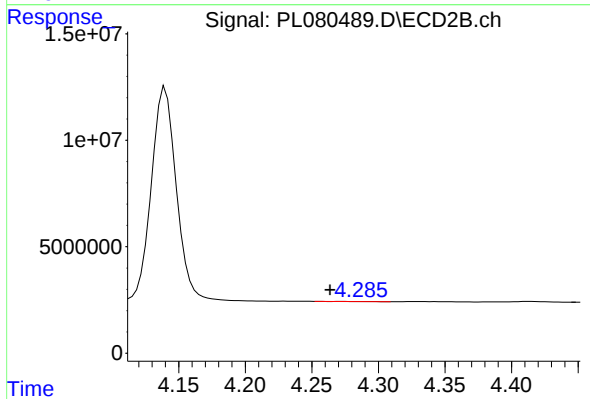
#23 Chlordane-1

R.T.: 3.696 min
Delta R.T.: 0.009 min
Response: 229009
Conc: 2.81 ng/ml



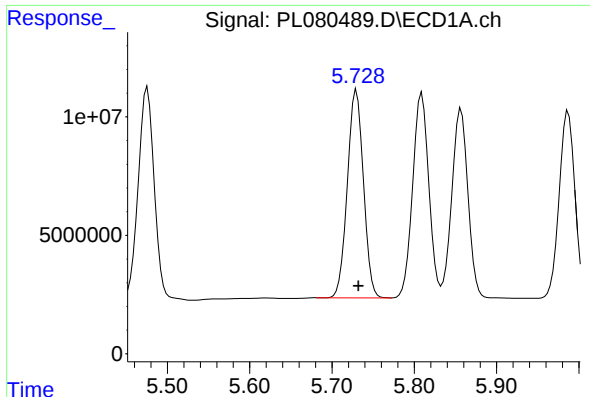
#24 Chlordane-2

R.T.: 5.051 min
Delta R.T.: 0.024 min
Response: 131616359
Conc: 1364.62 ng/ml



#24 Chlordane-2

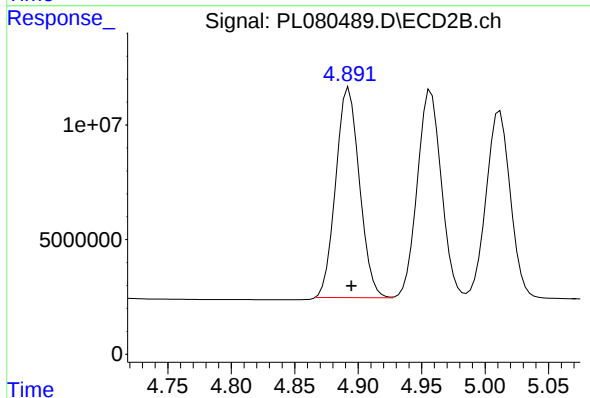
R.T.: 4.271 min
Delta R.T.: 0.008 min
Response: 25460
Conc: 0.28 ng/ml



#25 Chlordane-3

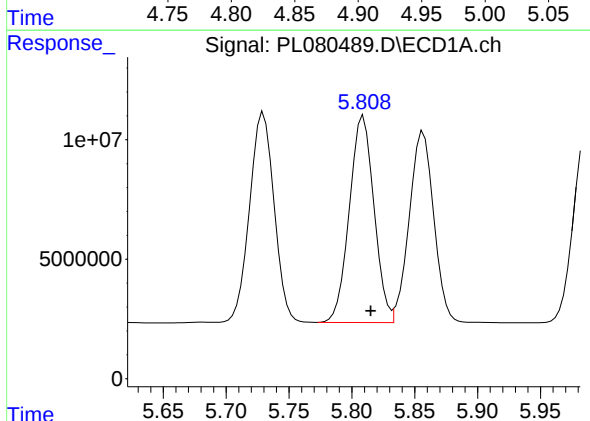
R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 119243624
Conc: 352.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



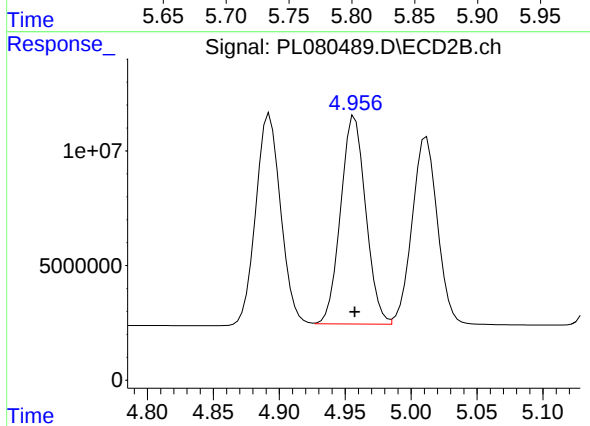
#25 Chlordane-3

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 119027918
Conc: 451.30 ng/ml



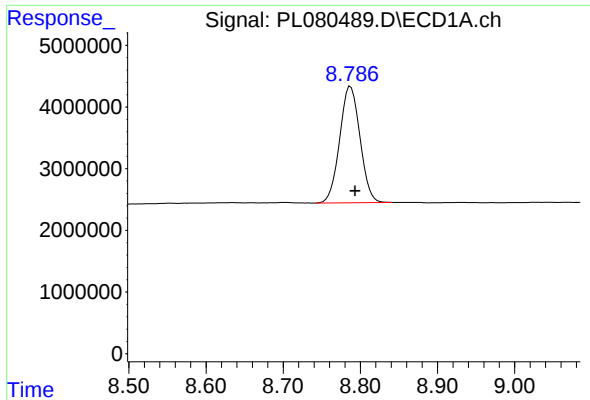
#26 Chlordane-4

R.T.: 5.809 min
Delta R.T.: -0.006 min
Response: 117981015
Conc: 273.47 ng/ml



#26 Chlordane-4

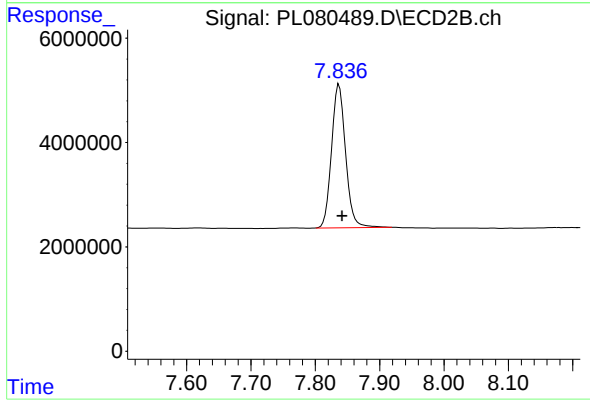
R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 120040750
Conc: 445.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.006 min
Response: 34476110
Conc: 19.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 41793863
Conc: 17.54 ng/ml