

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 17:18
 Operator : AR\AJ
 Sample : 04590-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:35:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 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...	3.415	2.652	44746729	21455739	17.398	18.910
28)	SA Decachlor...	8.944	7.827	36131454	21690475	17.607	18.269
Target Compounds							
2)	A alpha-BHC	3.870	3.154	177.9E6	82816525	48.691	50.080
3)	MA gamma-BHC...	4.203	3.484	169.0E6	78682602	47.643	49.072
4)	MA Heptachlor	4.793	3.823	169.5E6	79221451	50.224	51.831
5)	MB Aldrin	5.133	4.101	156.9E6	73859851	46.769	48.401
6)	B beta-BHC	4.404	3.787	72610035	33842215	46.497	50.177
7)	B delta-BHC	4.649	4.013	166.7E6	77282238	48.478	49.912
8)	B Heptachlo...	5.563	4.607	138.0E6	68549976	48.054	50.857
9)	A Endosulfan I	5.948	4.976	134.8E6	64897155	49.337	50.799
10)	B gamma-Chl...	5.821	4.860	142.8E6	69428216	49.189	51.759
11)	B alpha-Chl...	5.900	4.924	140.2E6	69008314	48.560	50.193
12)	B 4,4'-DDE	6.083	5.123	124.7E6	63695223	50.194	52.909
13)	MA Dieldrin	6.226	5.243	135.6E6	68117187	47.801	49.847
14)	MA Endrin	6.455	5.518	120.8E6	64468651	50.712	53.384
15)	B Endosulfa...	6.677	5.817	117.0E6	58037412	44.771	48.171
16)	A 4,4'-DDD	6.601	5.681	103.0E6	53041713	51.354	52.887
17)	MA 4,4'-DDT	6.918	5.933	113.6E6	57995575	54.100	54.011
18)	B Endrin al...	6.808	5.999	86135832	46114667	47.770	46.910
19)	B Endosulfa...	7.045	6.224	115.5E6	58904026	49.875	51.987
20)	A Methoxychlor	7.403	6.519	61880966	31923191	46.457	50.349
21)	B Endrin ke...	7.529	6.728	120.7E6	71295047	48.454	45.547
22)	Mirex	8.003	6.906	96331405	55179434	48.740	48.840
23)	Chlordane-1	4.581f	0.000	305049	0	2.928	N.D. #
24)	Chlordane-2	5.073f	0.000	90419	0	0.815	N.D. #
25)	Chlordane-3	5.821	4.860	142.8E6	69428216	355.266	537.733 #
26)	Chlordane-4	5.900	4.924	140.2E6	69008314	286.375	492.223 #
27)	Chlordane-5	0.000	5.599	0	19524	N.D.	0.525 #

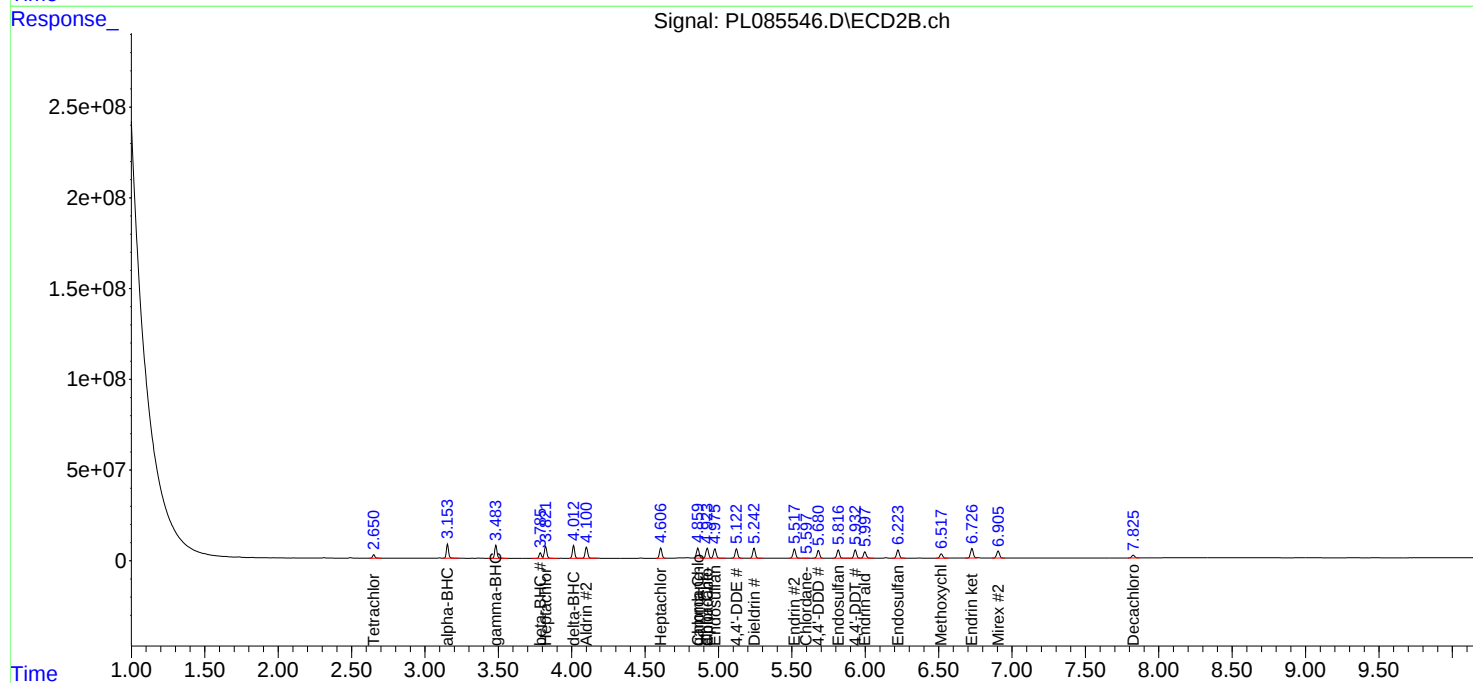
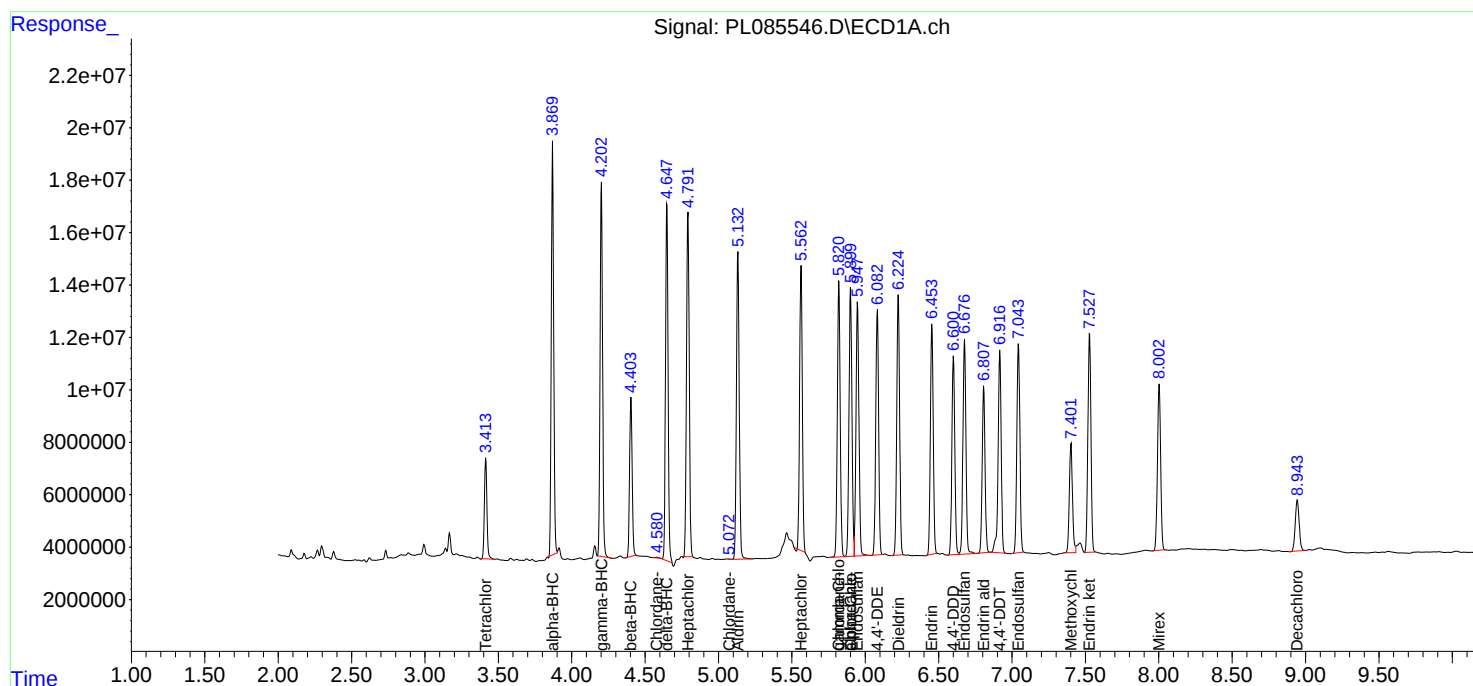
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

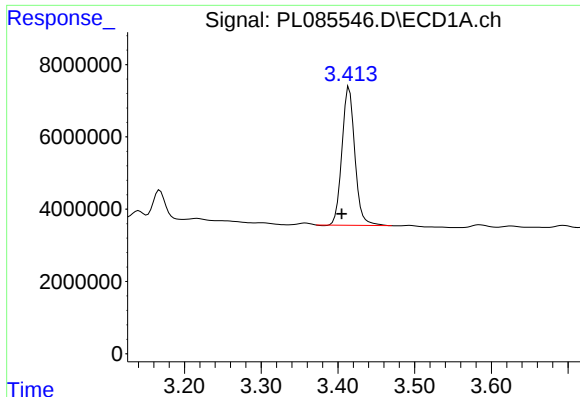
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
Data File : PL085546.D
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

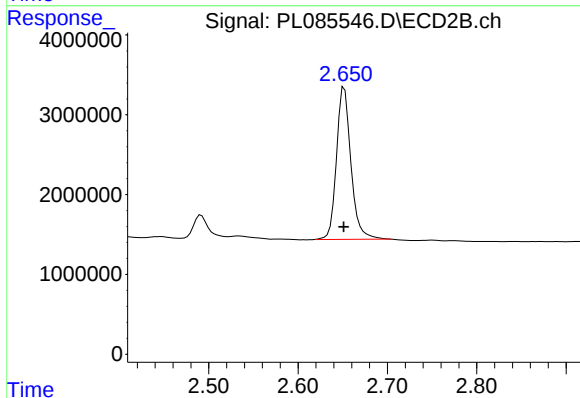




#1 Tetrachloro-m-xylene

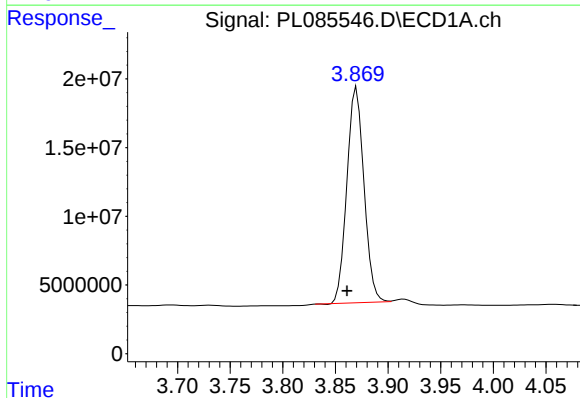
R.T.: 3.415 min
Delta R.T.: 0.010 min
Response: 44746729
Conc: 17.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



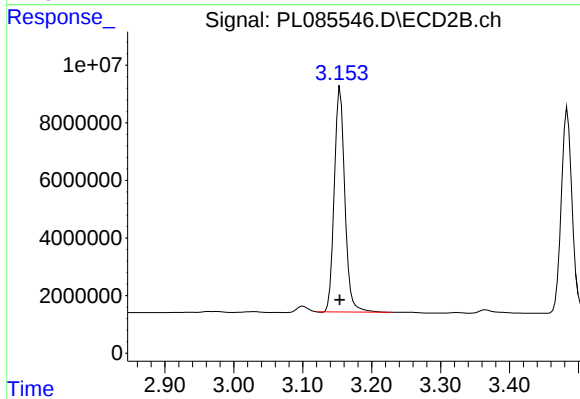
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: 0.000 min
Response: 21455739
Conc: 18.91 ng/ml



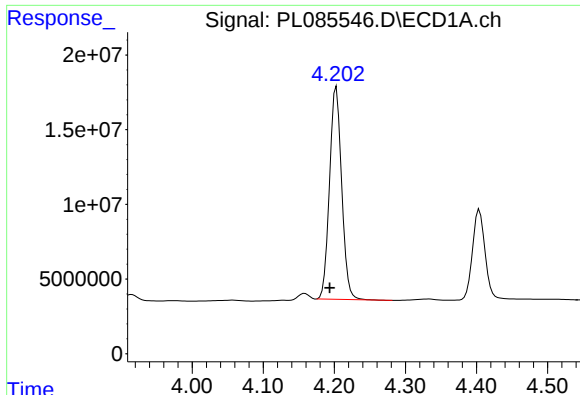
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 177864991
Conc: 48.69 ng/ml



#2 alpha-BHC

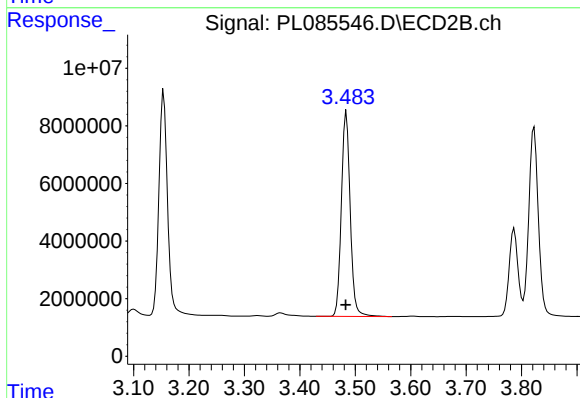
R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 82816525
Conc: 50.08 ng/ml



#3 gamma-BHC (Lindane)

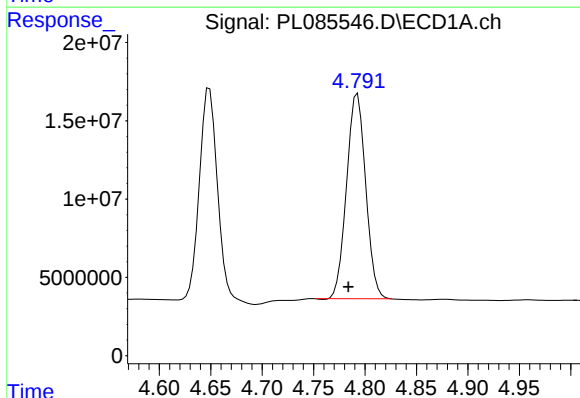
R.T.: 4.203 min
Delta R.T.: 0.009 min
Response: 168962989
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



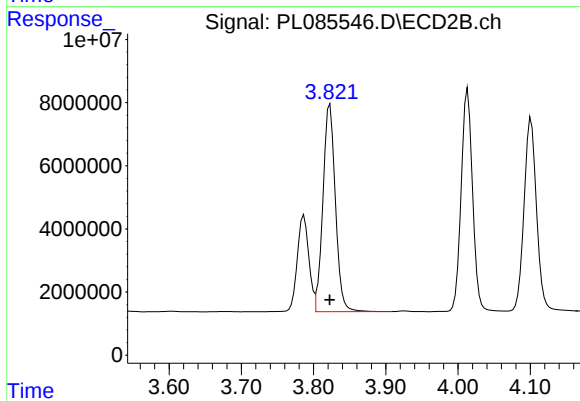
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 78682602
Conc: 49.07 ng/ml



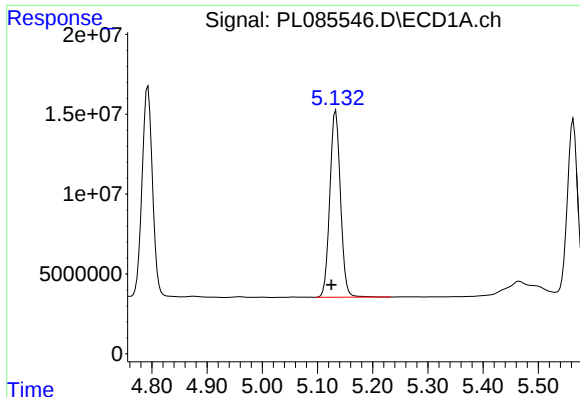
#4 Heptachlor

R.T.: 4.793 min
Delta R.T.: 0.009 min
Response: 169524372
Conc: 50.22 ng/ml



#4 Heptachlor

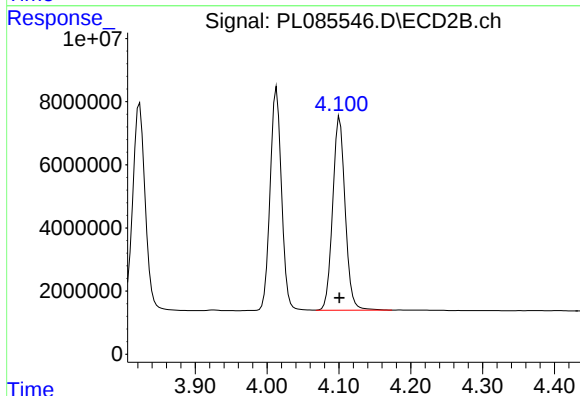
R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 79221451
Conc: 51.83 ng/ml



#5 Aldrin

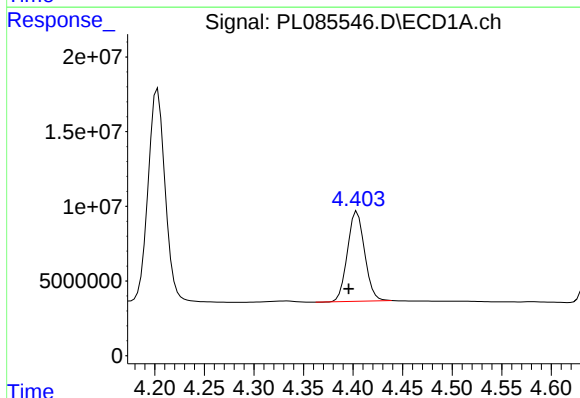
R.T.: 5.133 min
Delta R.T.: 0.008 min
Response: 156879601
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



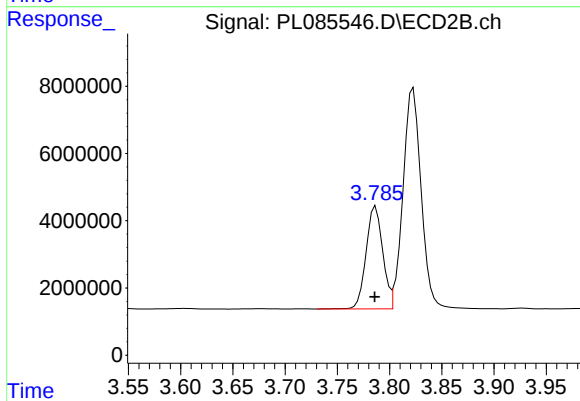
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 73859851
Conc: 48.40 ng/ml



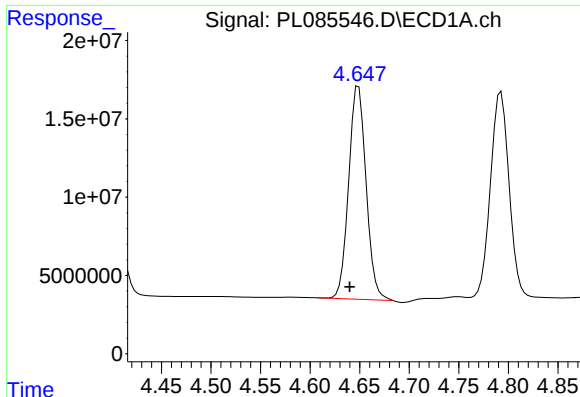
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.008 min
Response: 72610035
Conc: 46.50 ng/ml



#6 beta-BHC

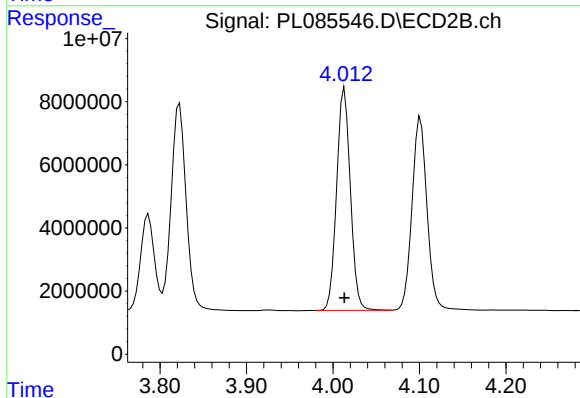
R.T.: 3.787 min
Delta R.T.: 0.001 min
Response: 33842215
Conc: 50.18 ng/ml



#7 delta-BHC

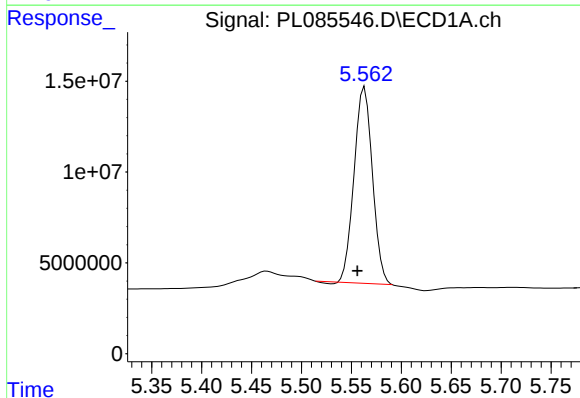
R.T.: 4.649 min
Delta R.T.: 0.009 min
Response: 166668036
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



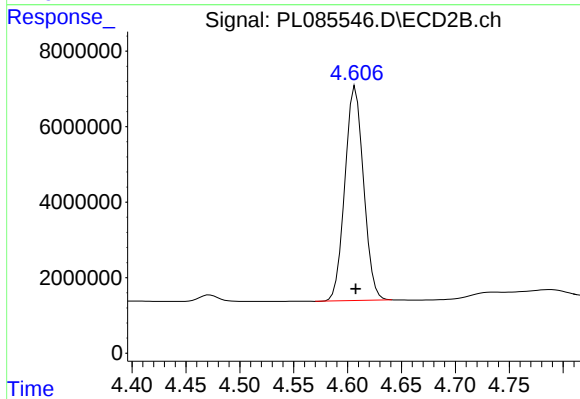
#7 delta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 77282238
Conc: 49.91 ng/ml



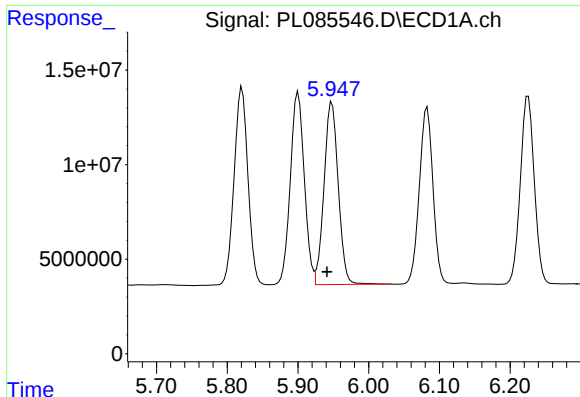
#8 Heptachlor epoxide

R.T.: 5.563 min
Delta R.T.: 0.007 min
Response: 137953721
Conc: 48.05 ng/ml



#8 Heptachlor epoxide

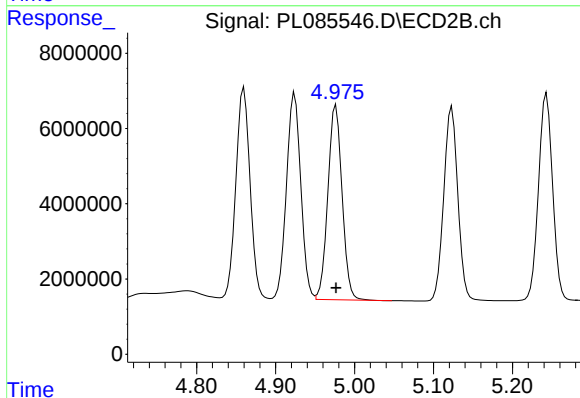
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 68549976
Conc: 50.86 ng/ml



#9 Endosulfan I

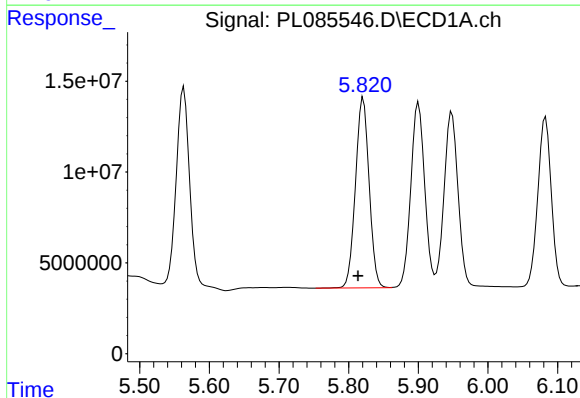
R.T.: 5.948 min
Delta R.T.: 0.007 min
Response: 134770893
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



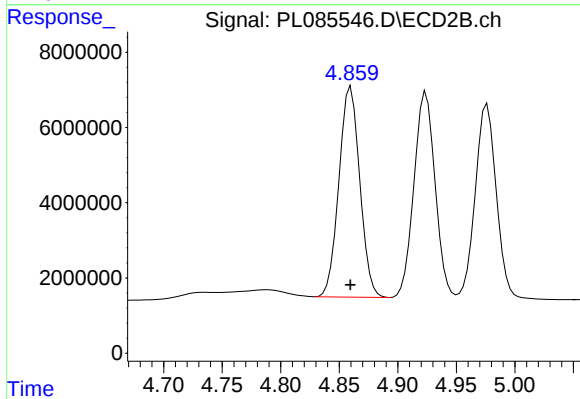
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 64897155
Conc: 50.80 ng/ml



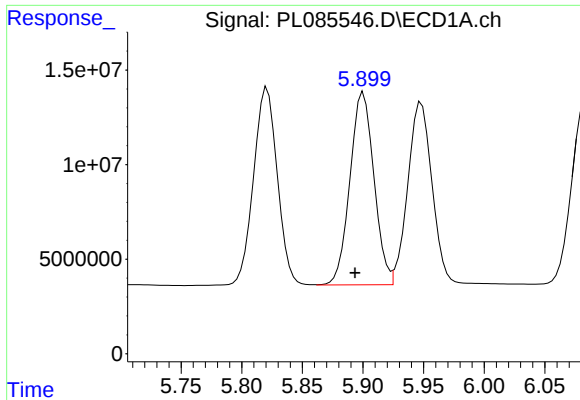
#10 gamma-Chlordane

R.T.: 5.821 min
Delta R.T.: 0.007 min
Response: 142750950
Conc: 49.19 ng/ml



#10 gamma-Chlordane

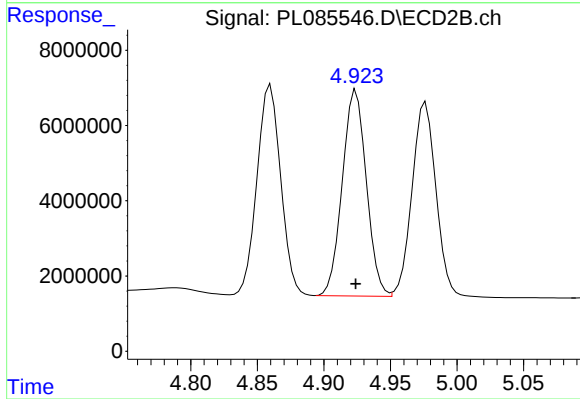
R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 69428216
Conc: 51.76 ng/ml



#11 alpha-Chlordane

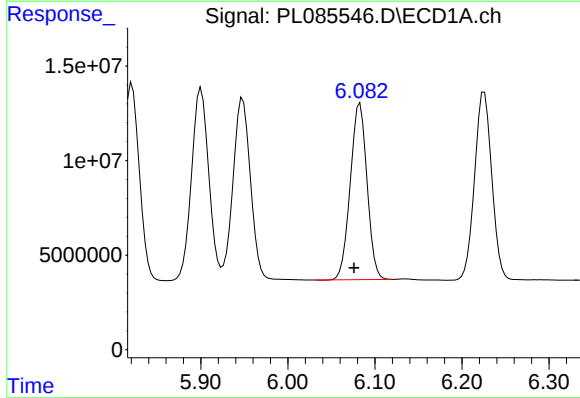
R.T.: 5.900 min
Delta R.T.: 0.007 min
Response: 140176762
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



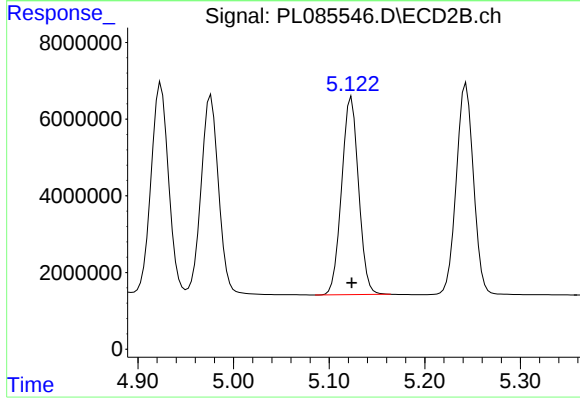
#11 alpha-Chlordane

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 69008314
Conc: 50.19 ng/ml



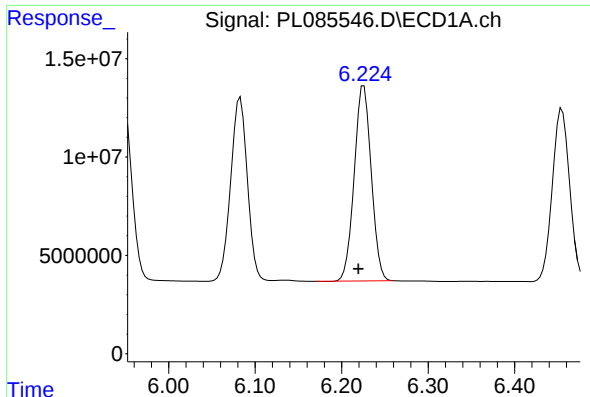
#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 124673495
Conc: 50.19 ng/ml



#12 4,4'-DDE

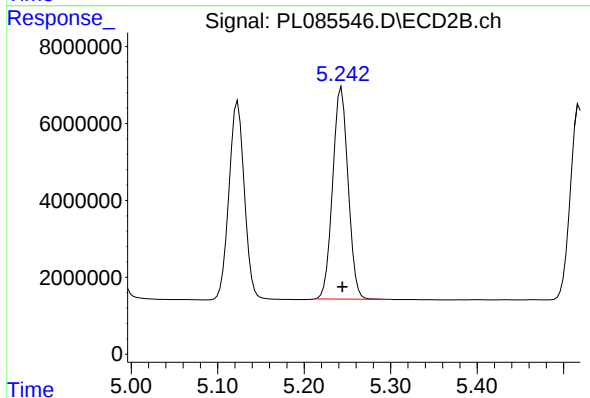
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 63695223
Conc: 52.91 ng/ml



#13 Dieldrin

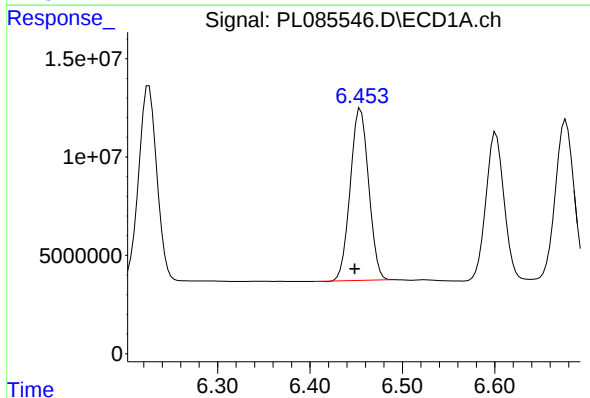
R.T.: 6.226 min
Delta R.T.: 0.006 min
Response: 135580801
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



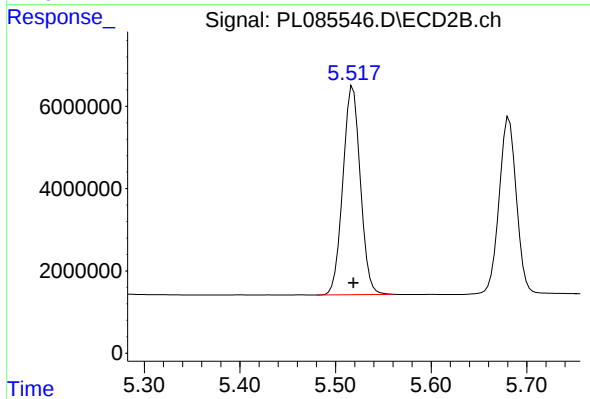
#13 Dieldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 68117187
Conc: 49.85 ng/ml



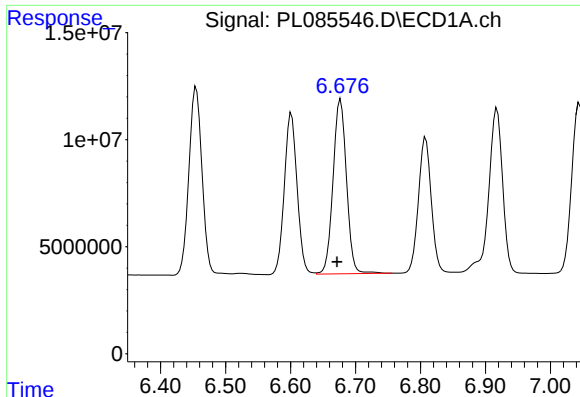
#14 Endrin

R.T.: 6.455 min
Delta R.T.: 0.006 min
Response: 120835149
Conc: 50.71 ng/ml



#14 Endrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 64468651
Conc: 53.38 ng/ml



#15 Endosulfan II

R.T.: 6.677 min
Delta R.T.: 0.005 min
Response: 116964038
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :

#15 Endosulfan II

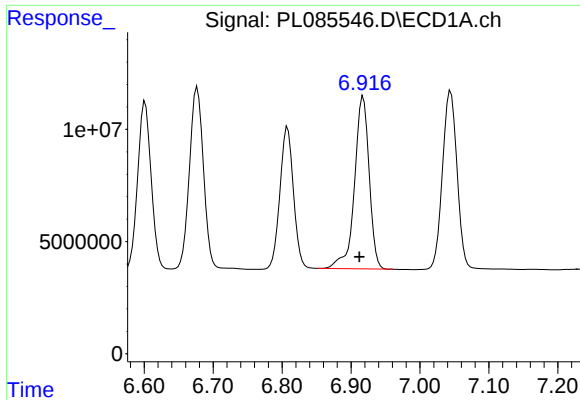
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 58037412
Conc: 48.17 ng/ml

#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: 0.005 min
Response: 102995670
Conc: 51.35 ng/ml

#16 4,4'-DDD

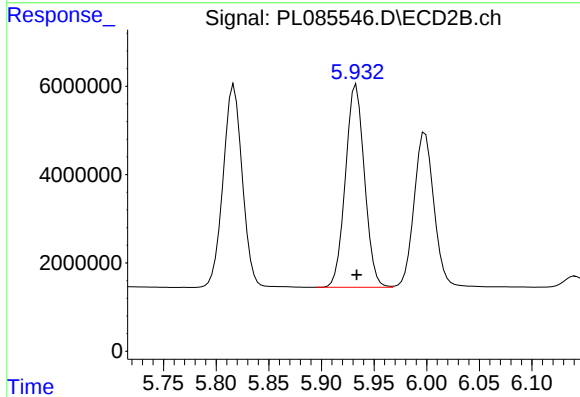
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 53041713
Conc: 52.89 ng/ml



#17 4,4'-DDT

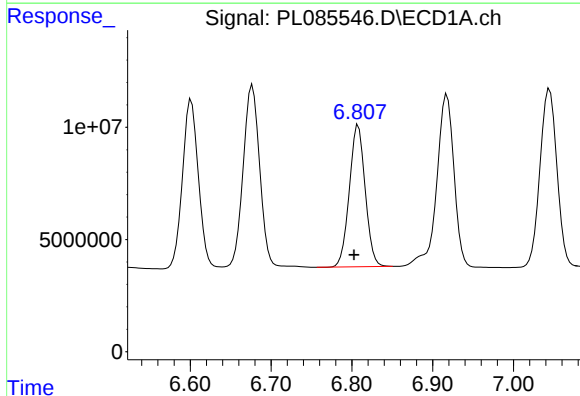
R.T.: 6.918 min
Delta R.T.: 0.005 min
Response: 113579106
Conc: 54.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



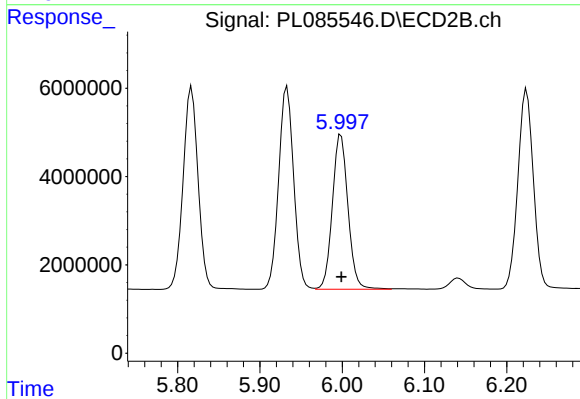
#17 4,4'-DDT

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 57995575
Conc: 54.01 ng/ml



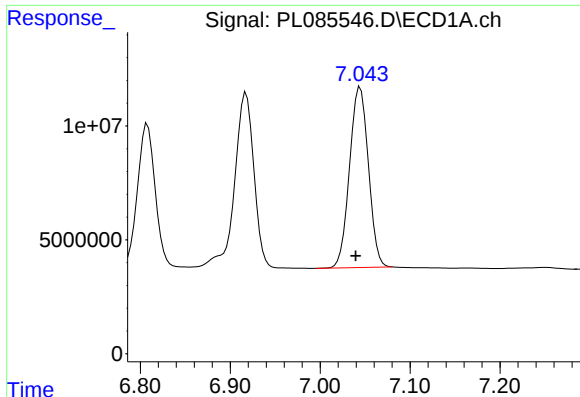
#18 Endrin aldehyde

R.T.: 6.808 min
Delta R.T.: 0.005 min
Response: 86135832
Conc: 47.77 ng/ml



#18 Endrin aldehyde

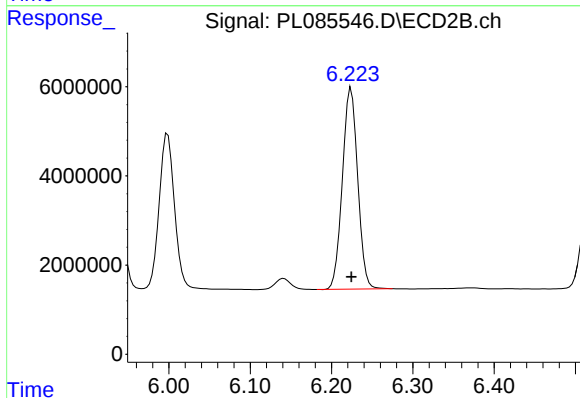
R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 46114667
Conc: 46.91 ng/ml



#19 Endosulfan Sulfate

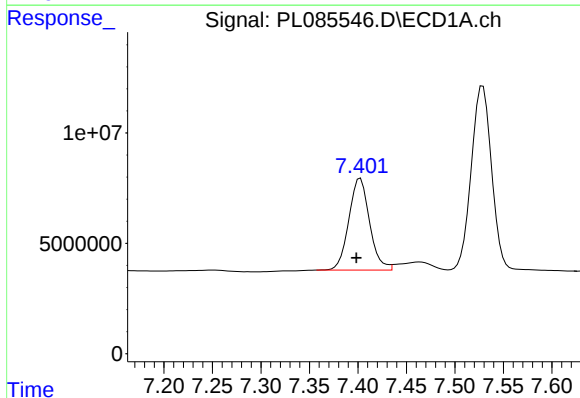
R.T.: 7.045 min
Delta R.T.: 0.005 min
Response: 115492996
Conc: 49.87 ng/ml

Instrument :
ECD_L
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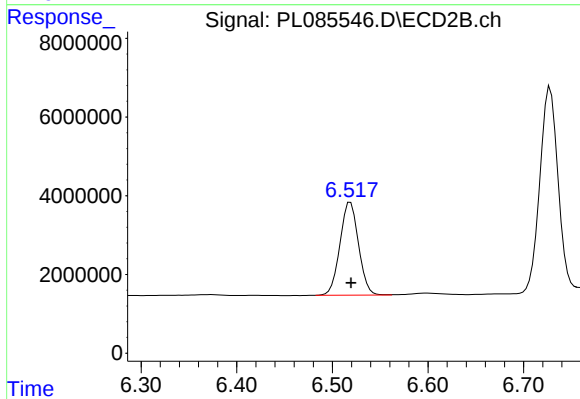
#19 Endosulfan Sulfate

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 58904026
Conc: 51.99 ng/ml



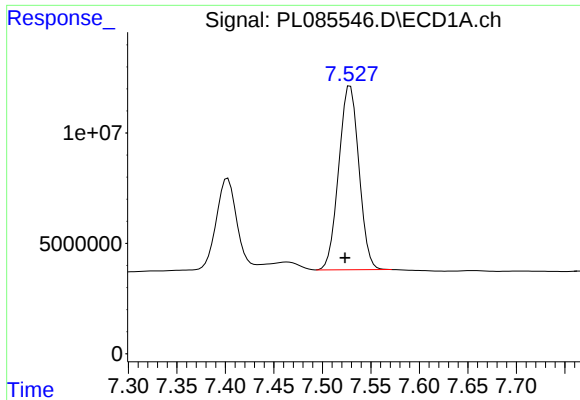
#20 Methoxychlor

R.T.: 7.403 min
Delta R.T.: 0.004 min
Response: 61880966
Conc: 46.46 ng/ml



#20 Methoxychlor

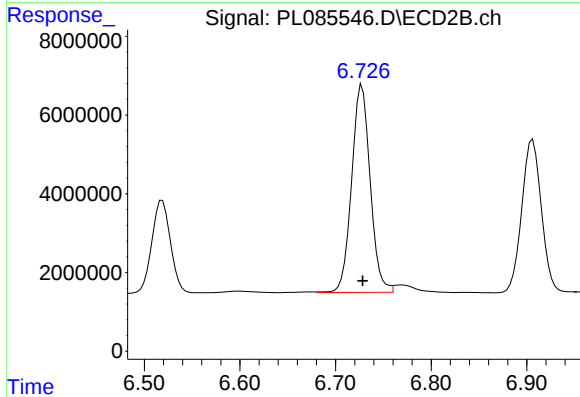
R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 31923191
Conc: 50.35 ng/ml



#21 Endrin ketone

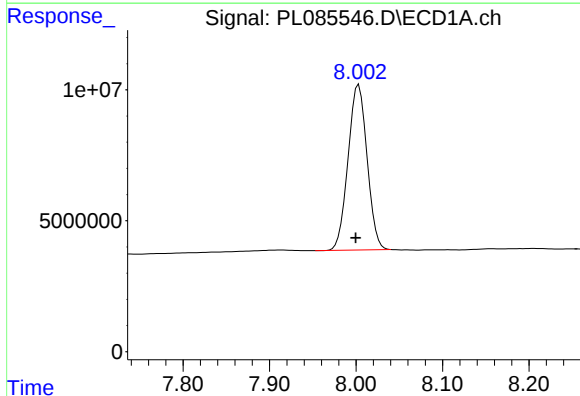
R.T.: 7.529 min
Delta R.T.: 0.005 min
Response: 120733422
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



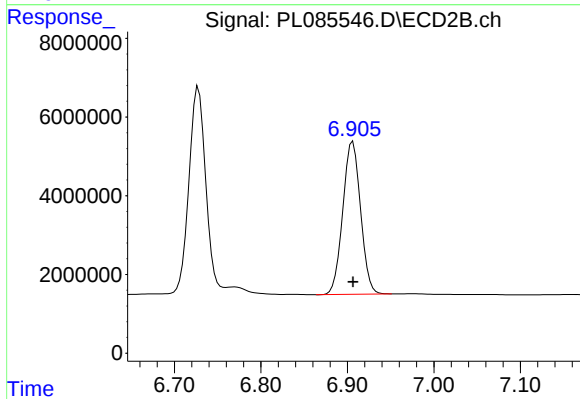
#21 Endrin ketone

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 71295047
Conc: 45.55 ng/ml



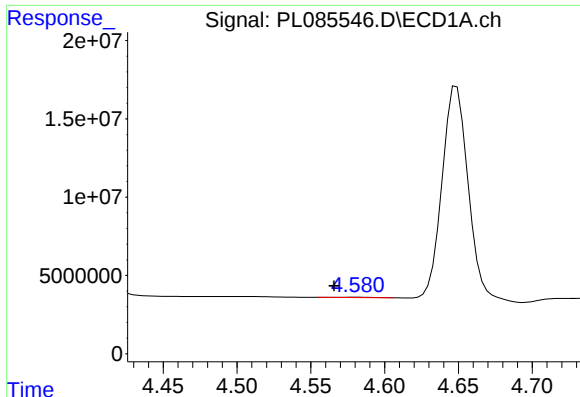
#22 Mirex

R.T.: 8.003 min
Delta R.T.: 0.003 min
Response: 96331405
Conc: 48.74 ng/ml



#22 Mirex

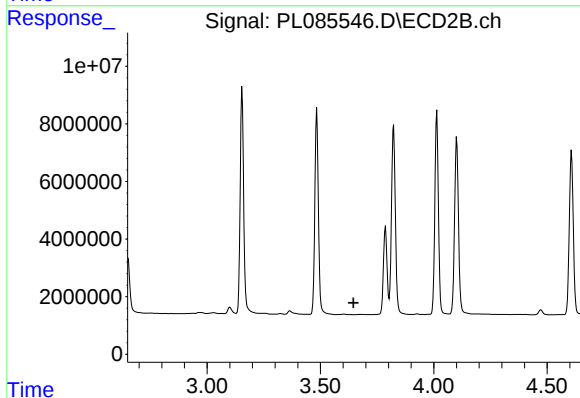
R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 55179434
Conc: 48.84 ng/ml



#23 Chlordane-1

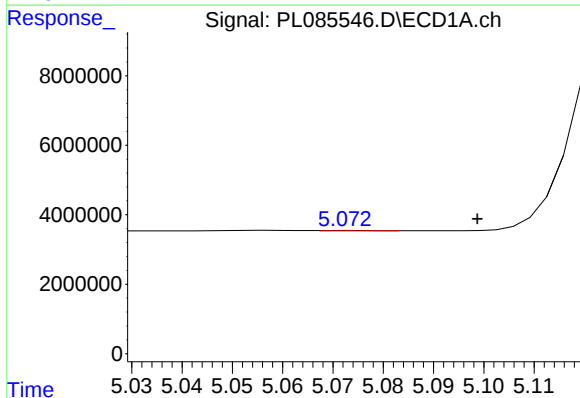
R.T.: 4.581 min
Delta R.T.: 0.015 min
Response: 305049
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



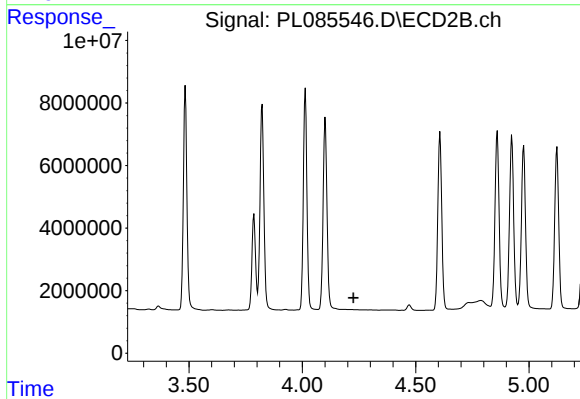
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 3.646 min
Response: 0
Conc: N.D.



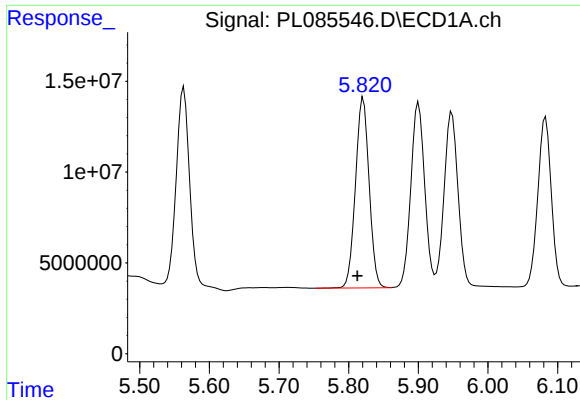
#24 Chlordane-2

R.T.: 5.073 min
Delta R.T.: -0.026 min
Response: 90419
Conc: 0.81 ng/ml



#24 Chlordane-2

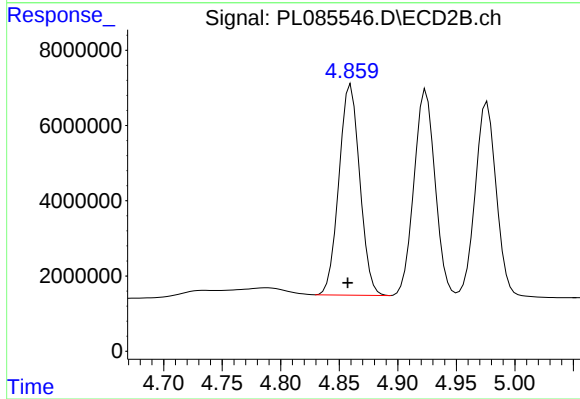
R.T.: 0.000 min
Exp R.T. : 4.226 min
Response: 0
Conc: N.D.



#25 Chlordane-3

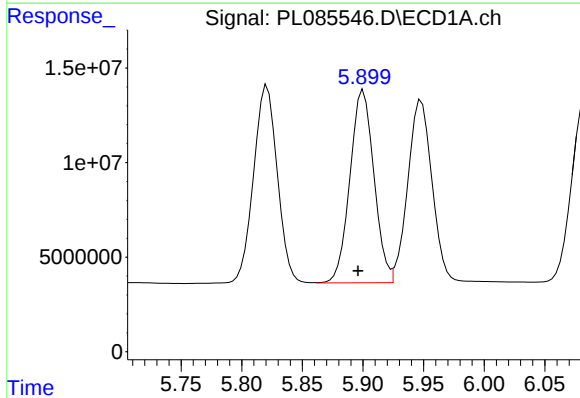
R.T.: 5.821 min
Delta R.T.: 0.008 min
Response: 142750950
Conc: 355.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



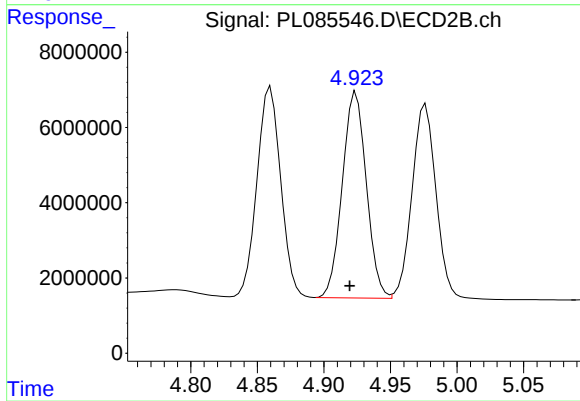
#25 Chlordane-3

R.T.: 4.860 min
Delta R.T.: 0.003 min
Response: 69428216
Conc: 537.73 ng/ml



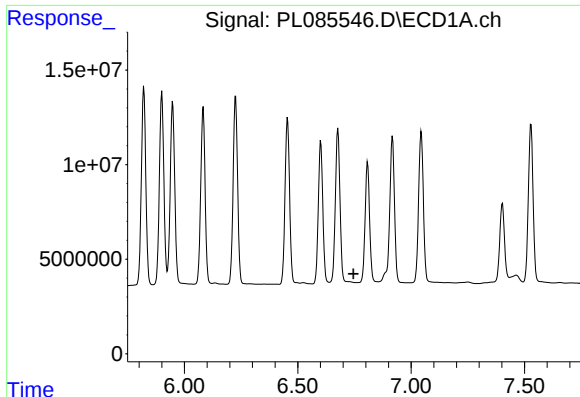
#26 Chlordane-4

R.T.: 5.900 min
Delta R.T.: 0.005 min
Response: 140176762
Conc: 286.37 ng/ml



#26 Chlordane-4

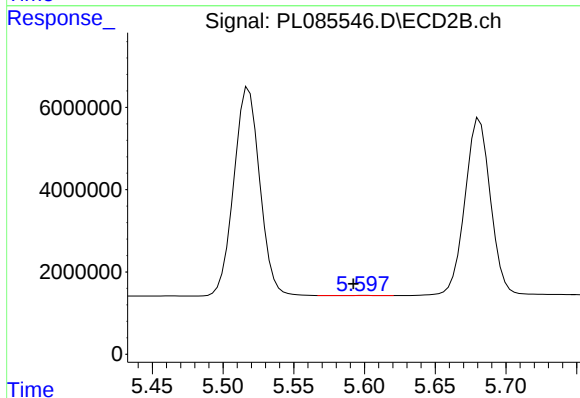
R.T.: 4.924 min
Delta R.T.: 0.005 min
Response: 69008314
Conc: 492.22 ng/ml



#27 Chlordane-5

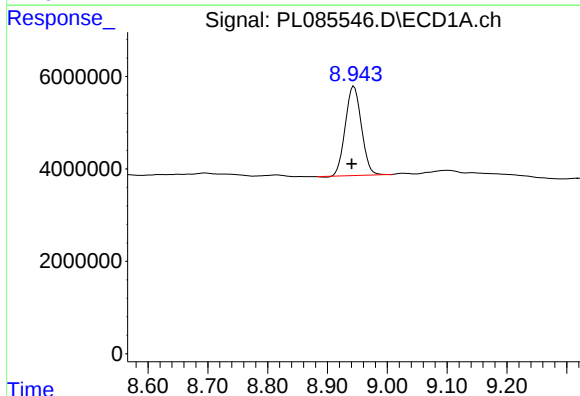
R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



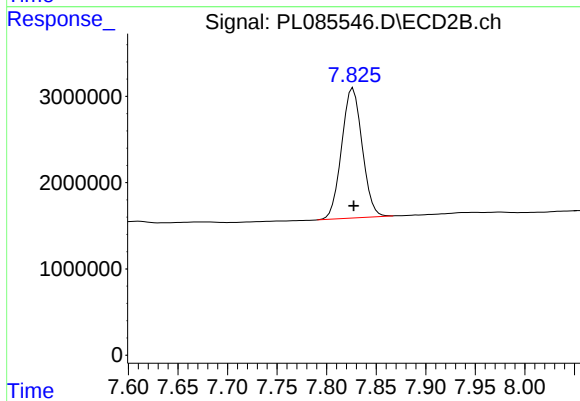
#27 Chlordane-5

R.T.: 5.599 min
Delta R.T.: 0.006 min
Response: 19524
Conc: 0.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.944 min
Delta R.T.: 0.004 min
Response: 36131454
Conc: 17.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 21690475
Conc: 18.27 ng/ml