

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
 Data File : PL082295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2023 14:57
 Operator : AR\AJ
 Sample : 02472-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 22:36:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.323	2.647	48430392	41094607	18.131	17.738
28)	SA Decachlor...	8.742	7.759	32422739	35681275	16.983	15.633
Target Compounds							
2)	A alpha-BHC	3.772	3.145	178.7E6	146.7E6	44.892	43.105
3)	MA gamma-BHC...	4.101	3.472	173.2E6	144.4E6	46.333	44.904
4)	MA Heptachlor	4.678	3.804	157.3E6	142.7E6	43.045	41.681
5)	MB Aldrin	5.015	4.082	154.7E6	139.5E6	46.921	44.286
6)	B beta-BHC	4.303	3.772	75015008	59323946	43.984	43.480
7)	B delta-BHC	4.545	3.999	157.7E6	129.2E6	43.832	42.131
8)	B Heptachlo...	5.442	4.583	140.0E6	127.8E6	45.896	44.371
9)	A Endosulfan I	5.822	4.950	124.7E6	116.8E6	44.959	43.765
10)	B gamma-Chl...	5.696	4.831	136.0E6	126.7E6	45.215	43.647
11)	B alpha-Chl...	5.774	4.895	136.0E6	127.3E6	45.568	43.848
12)	B 4,4'-DDE	5.952	5.085	119.6E6	105.6E6	47.041	45.955
13)	MA Dieldrin	6.097	5.214	132.0E6	122.9E6	47.842	45.515
14)	MA Endrin	6.323	5.489	111.9E6	107.3E6	46.172	43.876
15)	B Endosulfa...	6.546	5.785	110.5E6	106.7E6	45.376	47.349
16)	A 4,4'-DDD	6.467	5.640	98274676	86864368	48.478	46.442
17)	MA 4,4'-DDT	6.779	5.888	96037602	90887627	41.980	43.022
18)	B Endrin al...	6.676	5.965	89606512	86296003	47.558	46.114
19)	B Endosulfa...	6.910	6.188	107.3E6	103.5E6	45.253	43.958
20)	A Methoxychlor	7.260	6.468	54815597	53283858	44.919	43.970
21)	B Endrin ke...	7.389	6.693	114.5E6	118.3E6	47.834	46.596
22)	Mirex	7.854	6.864	88035145	98701415	45.000	42.834
23)	Chlordane-1	0.000	3.658f	0	284475	N.D.	3.208 #
24)	Chlordane-2	5.015f	4.221	154.7E6	870949	1299.640	7.766 #
25)	Chlordane-3	5.696	4.831	136.0E6	126.7E6	314.931	445.804 #
26)	Chlordane-4	5.774	4.895	136.0E6	127.3E6	261.587	426.540 #
27)	Chlordane-5	0.000	5.785	0	106.7E6	N.D.	1081.221 #

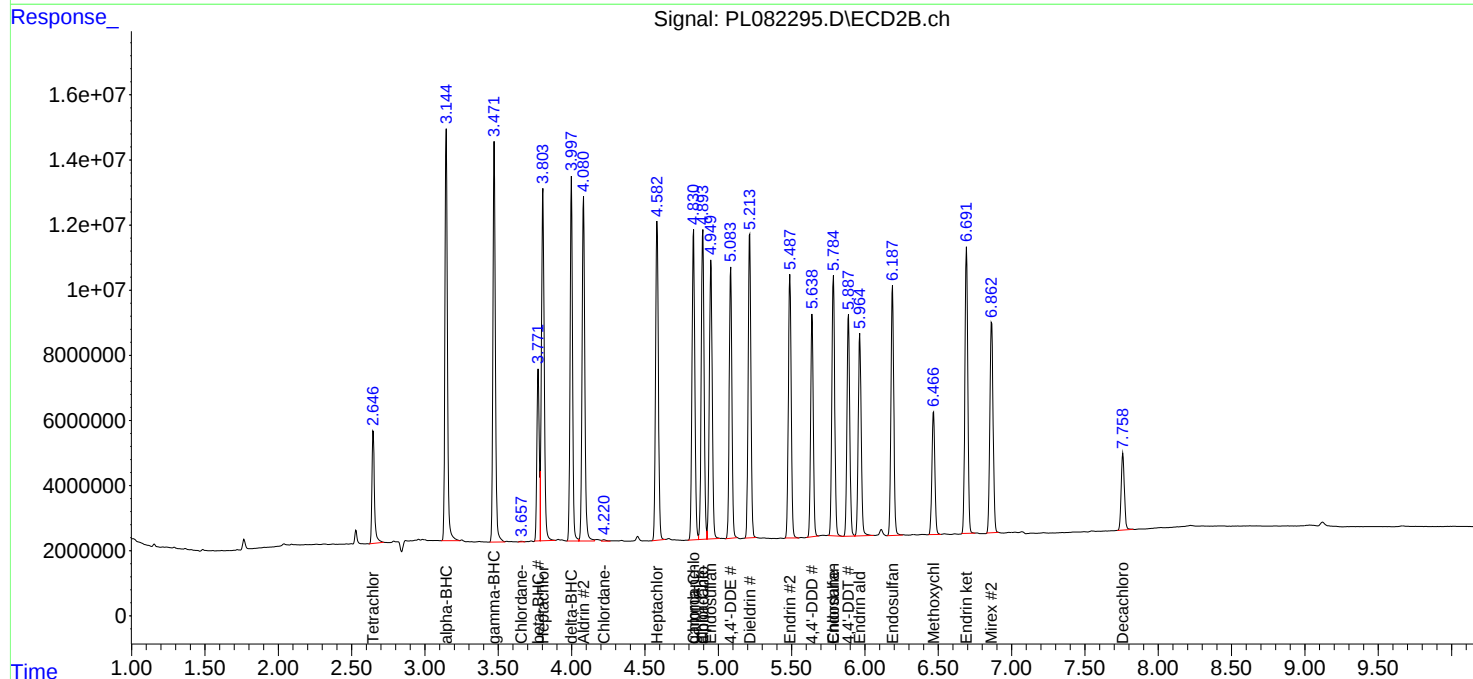
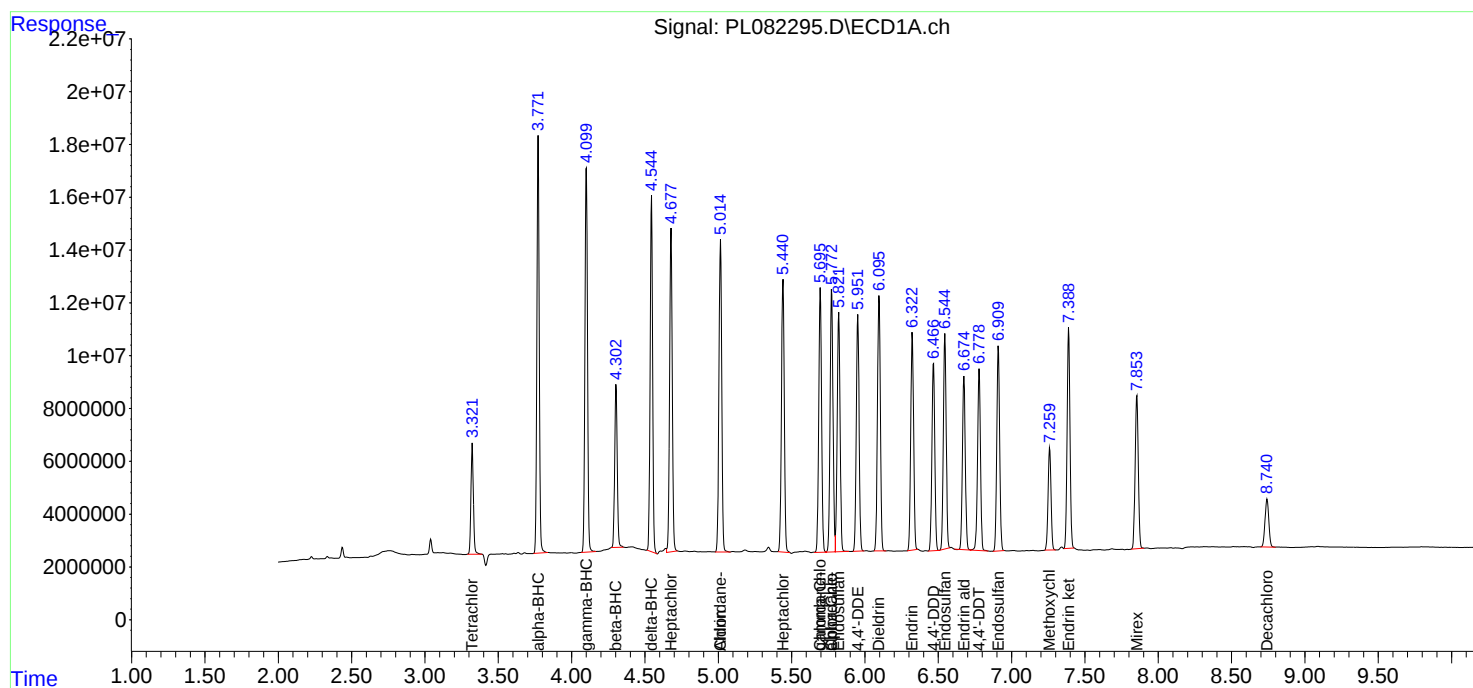
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

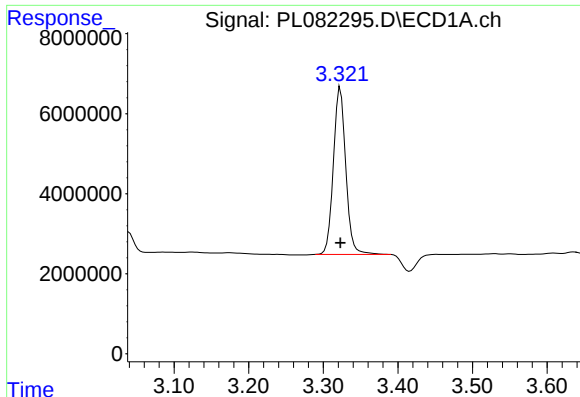
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042423\
Data File : PL082295.D
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

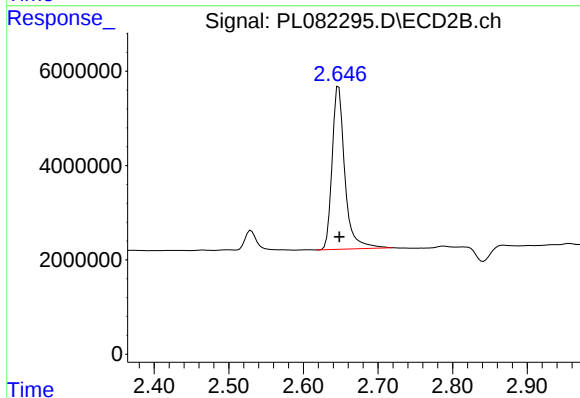




#1 Tetrachloro-m-xylene

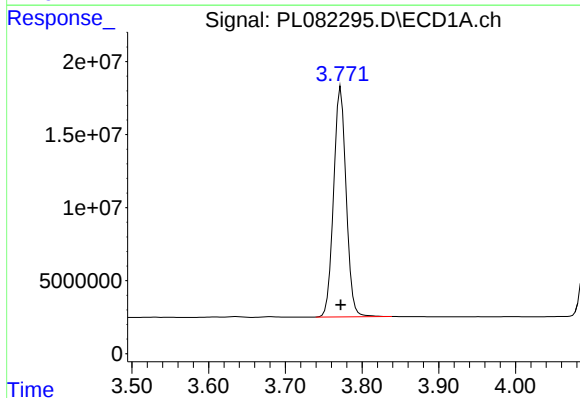
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 48430392
Conc: 18.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



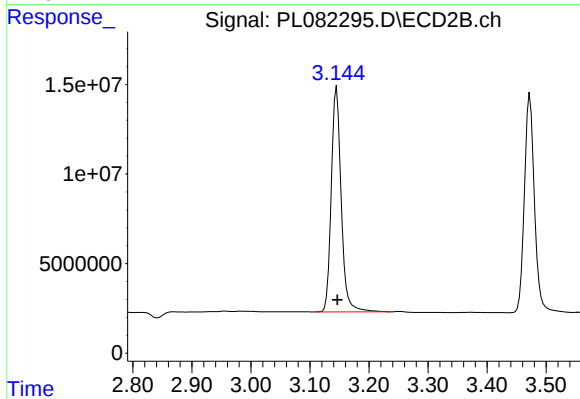
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: 0.000 min
Response: 41094607
Conc: 17.74 ng/ml



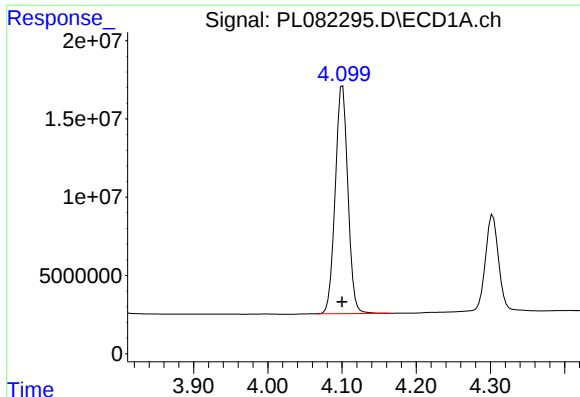
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 178679622
Conc: 44.89 ng/ml



#2 alpha-BHC

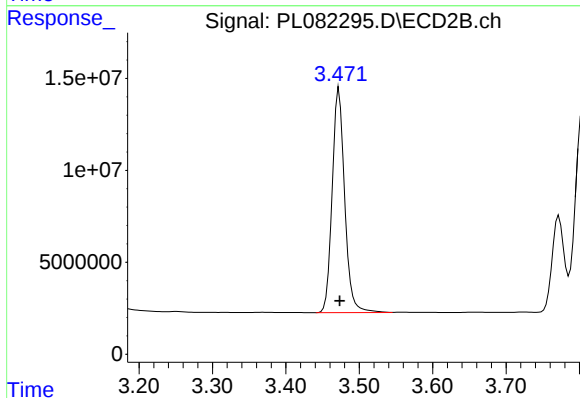
R.T.: 3.145 min
Delta R.T.: -0.001 min
Response: 146706149
Conc: 43.10 ng/ml



#3 gamma-BHC (Lindane)

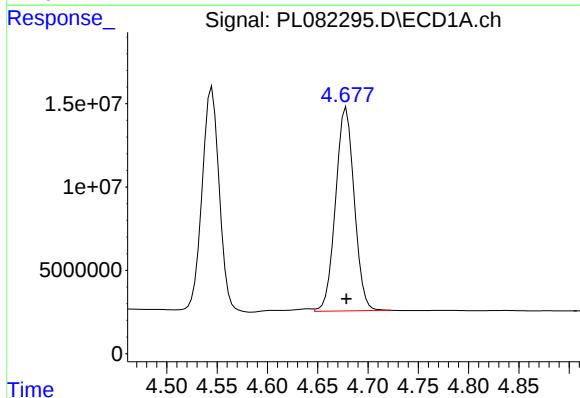
R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 173235244
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



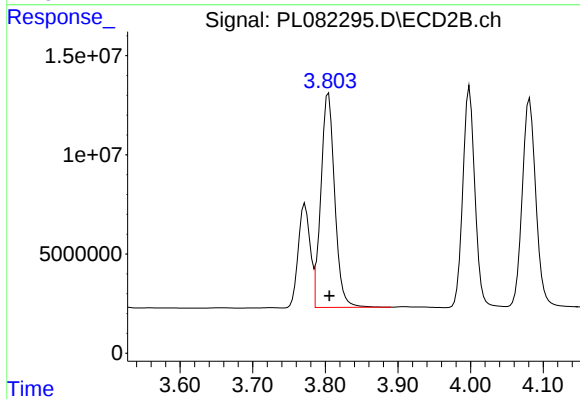
#3 gamma-BHC (Lindane)

R.T.: 3.472 min
Delta R.T.: -0.001 min
Response: 144378238
Conc: 44.90 ng/ml



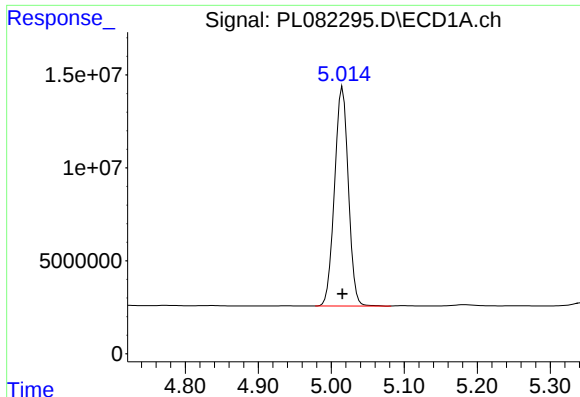
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 157281885
Conc: 43.04 ng/ml



#4 Heptachlor

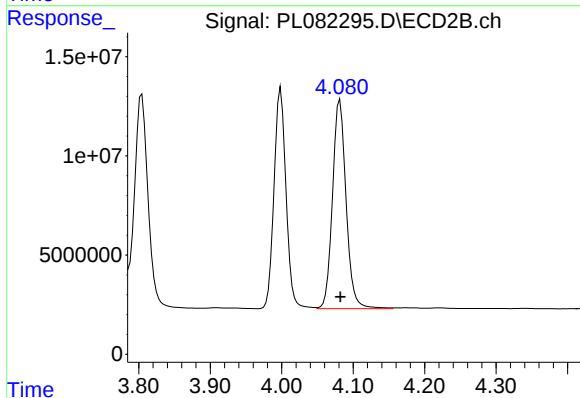
R.T.: 3.804 min
Delta R.T.: -0.001 min
Response: 142683879
Conc: 41.68 ng/ml



#5 Aldrin

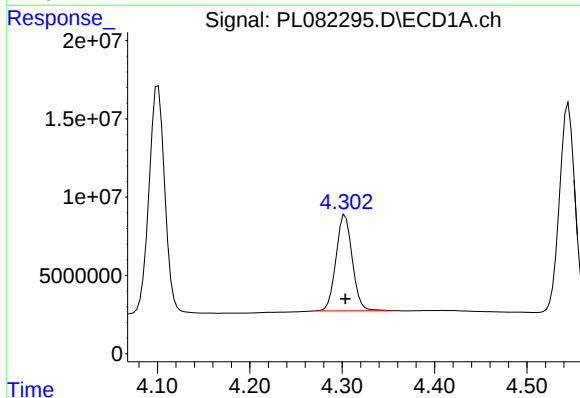
R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 154725397
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



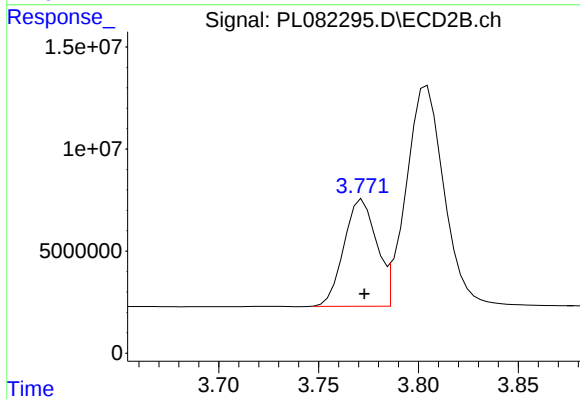
#5 Aldrin

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 139493928
Conc: 44.29 ng/ml



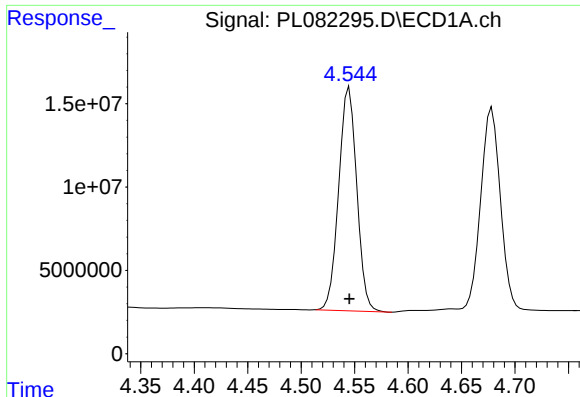
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 75015008
Conc: 43.98 ng/ml



#6 beta-BHC

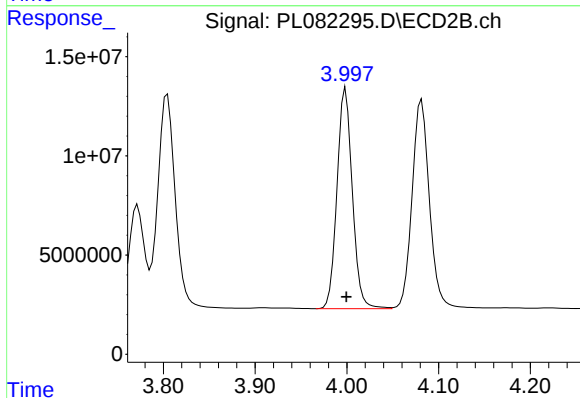
R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 59323946
Conc: 43.48 ng/ml



#7 delta-BHC

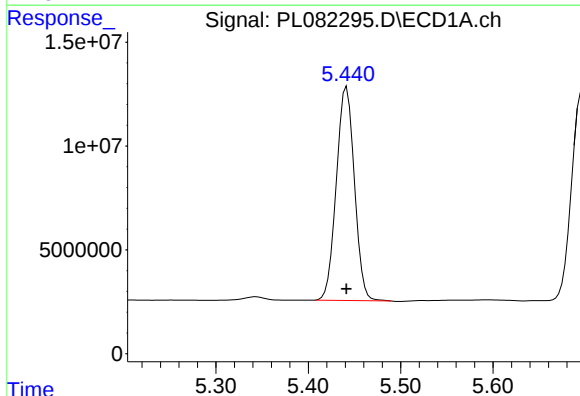
R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 157697465
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



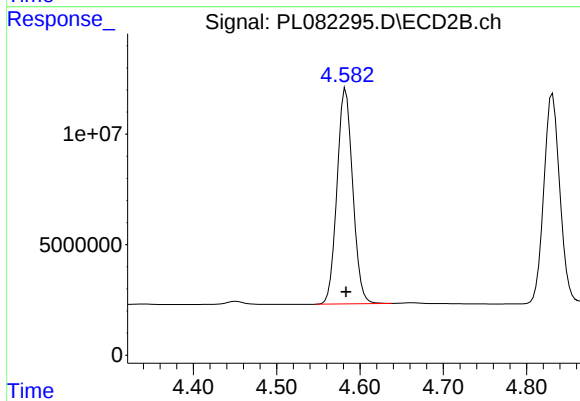
#7 delta-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 129231834
Conc: 42.13 ng/ml



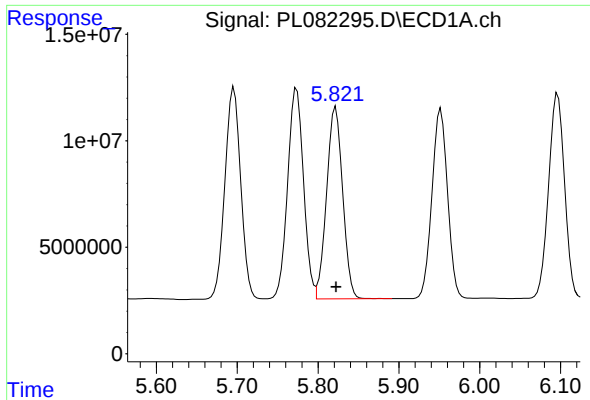
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 139998580
Conc: 45.90 ng/ml



#8 Heptachlor epoxide

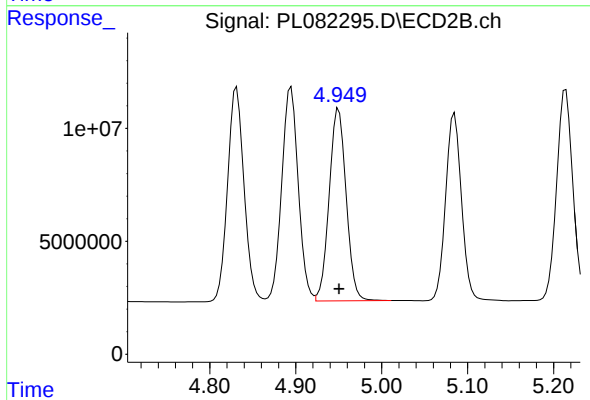
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 127826449
Conc: 44.37 ng/ml



#9 Endosulfan I

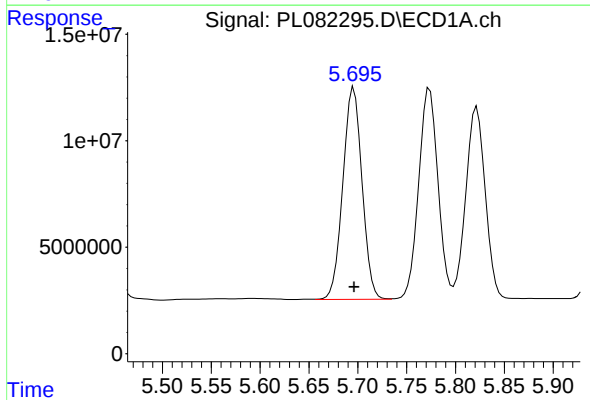
R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 124658498
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



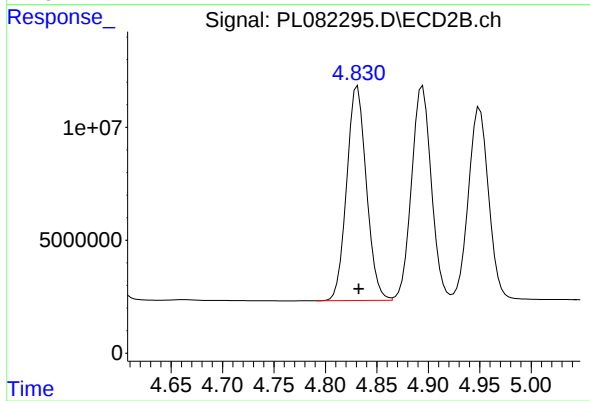
#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 116829392
Conc: 43.77 ng/ml



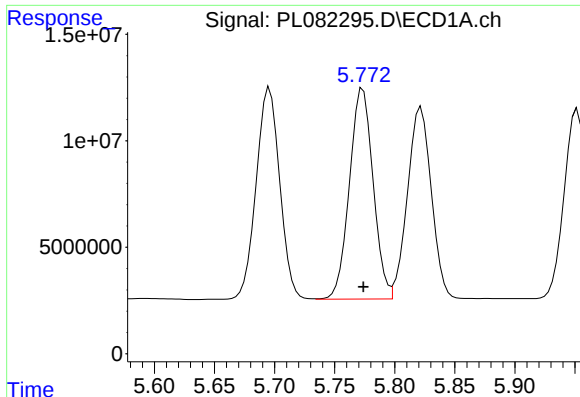
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 135957009
Conc: 45.22 ng/ml



#10 gamma-Chlordane

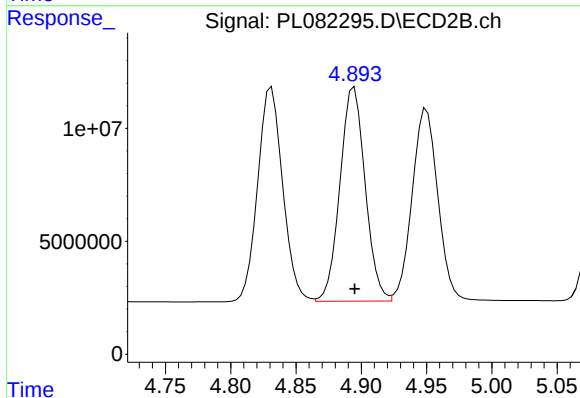
R.T.: 4.831 min
Delta R.T.: -0.001 min
Response: 126657233
Conc: 43.65 ng/ml



#11 alpha-Chlordane

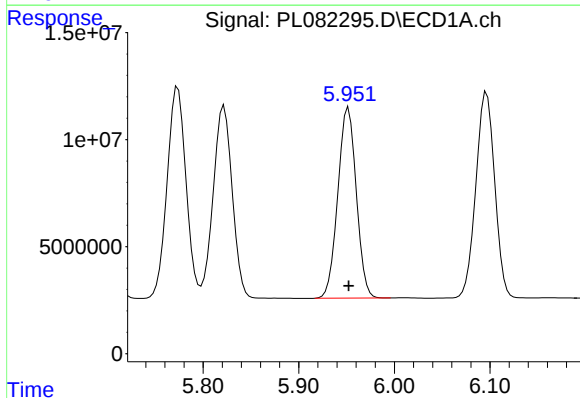
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 136002873
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



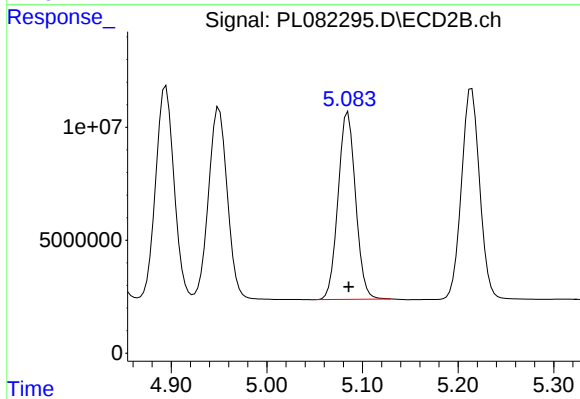
#11 alpha-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 127282431
Conc: 43.85 ng/ml



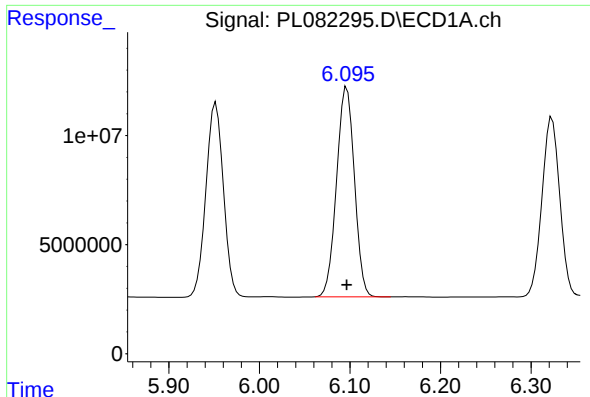
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 119580342
Conc: 47.04 ng/ml



#12 4,4'-DDE

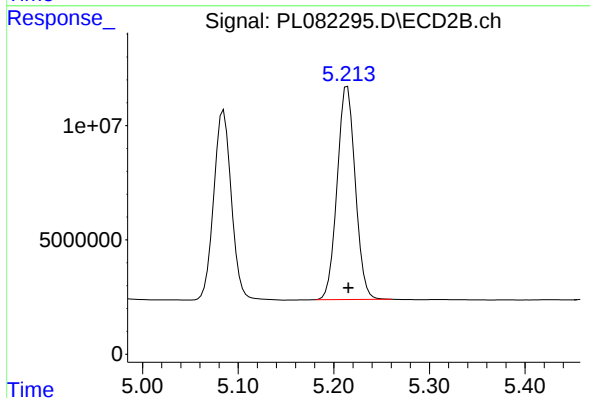
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 105648950
Conc: 45.96 ng/ml



#13 Dieldrin

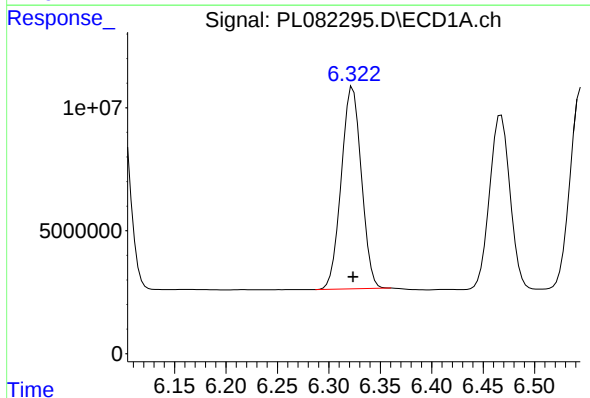
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 132001752
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



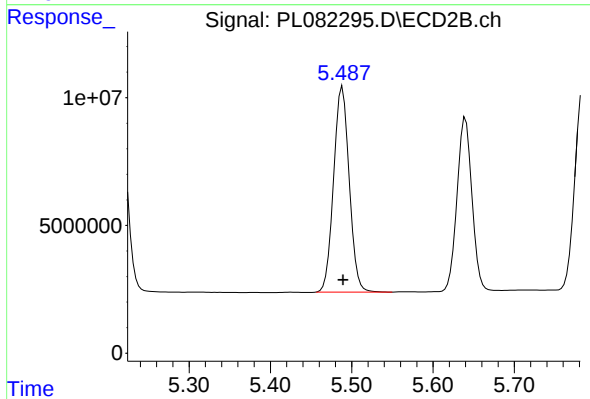
#13 Dieldrin

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 122907205
Conc: 45.51 ng/ml



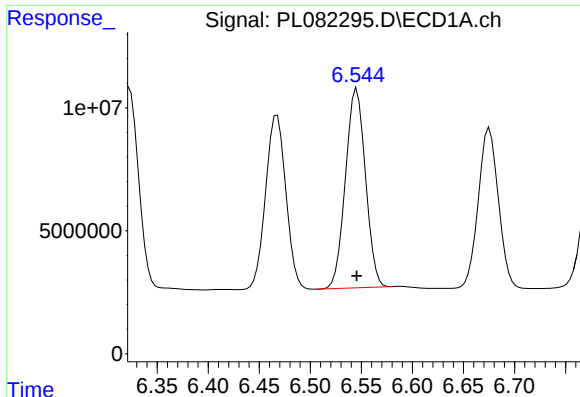
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 111947626
Conc: 46.17 ng/ml



#14 Endrin

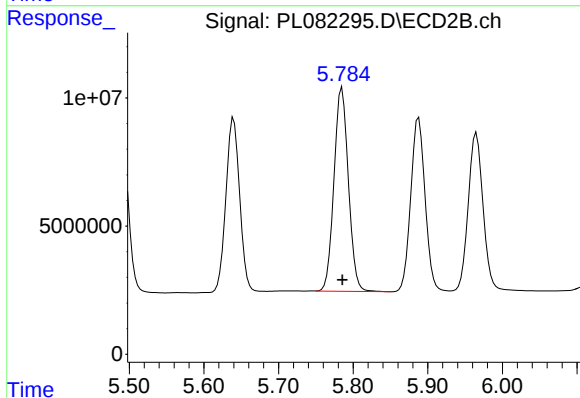
R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 107318530
Conc: 43.88 ng/ml



#15 Endosulfan II

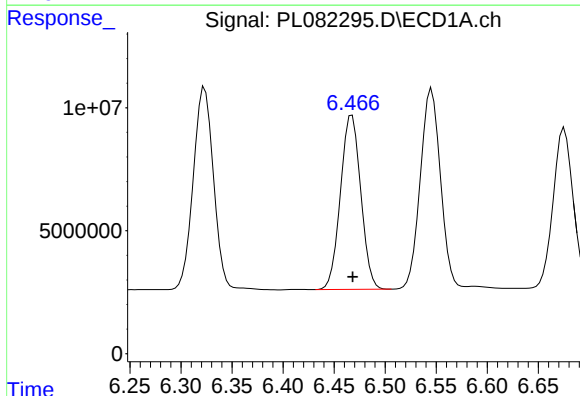
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 110469882
Conc: 45.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



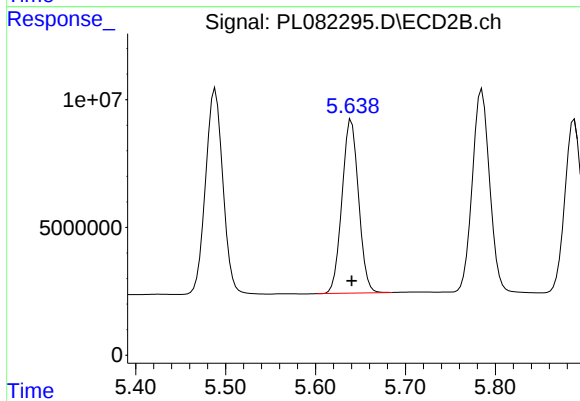
#15 Endosulfan II

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 106729953
Conc: 47.35 ng/ml



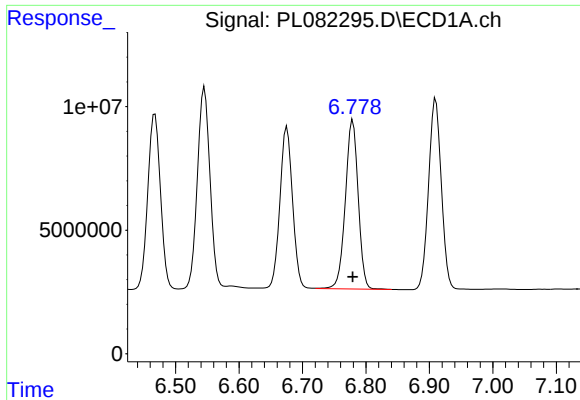
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 98274676
Conc: 48.48 ng/ml



#16 4,4'-DDD

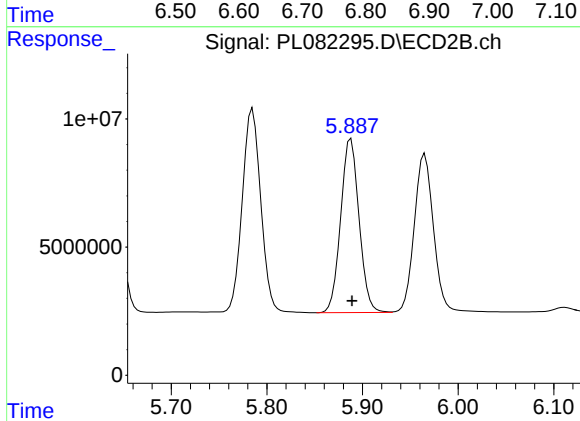
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 86864368
Conc: 46.44 ng/ml



#17 4,4'-DDT

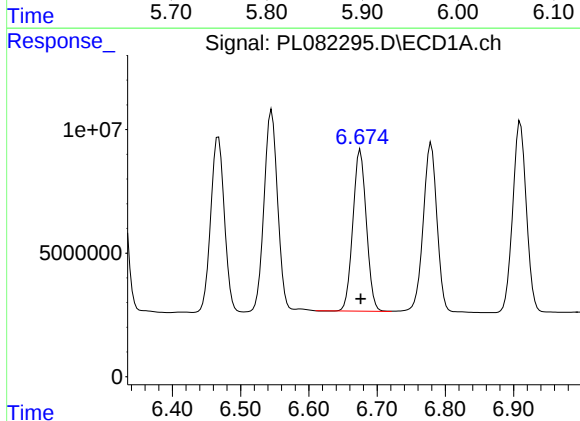
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 96037602
Conc: 41.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



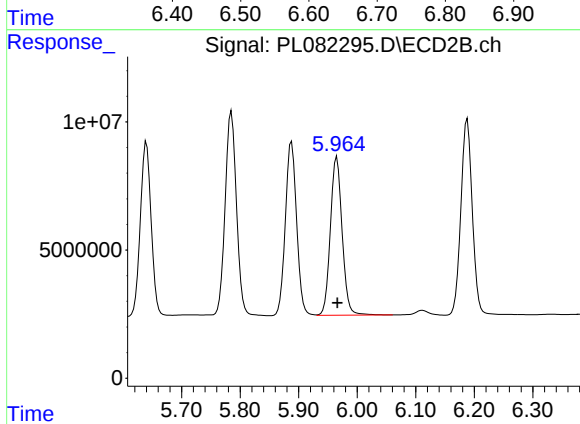
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 90887627
Conc: 43.02 ng/ml



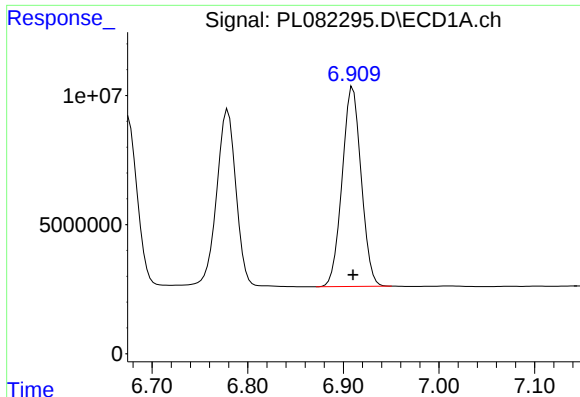
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 89606512
Conc: 47.56 ng/ml



#18 Endrin aldehyde

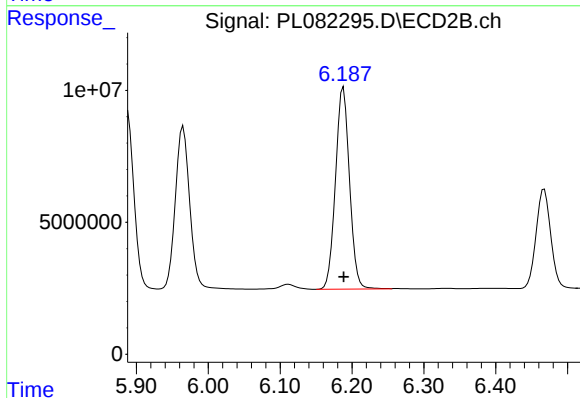
R.T.: 5.965 min
Delta R.T.: -0.001 min
Response: 86296003
Conc: 46.11 ng/ml



#19 Endosulfan Sulfate

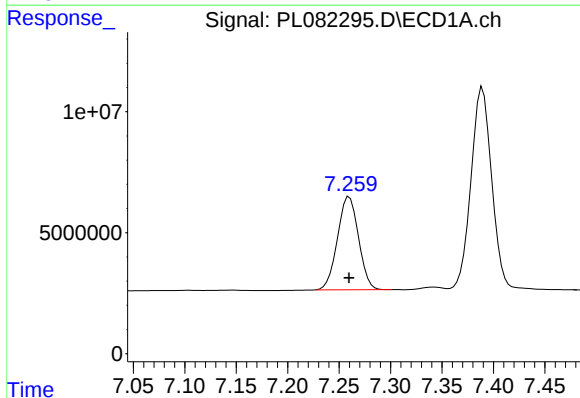
R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 107319497
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



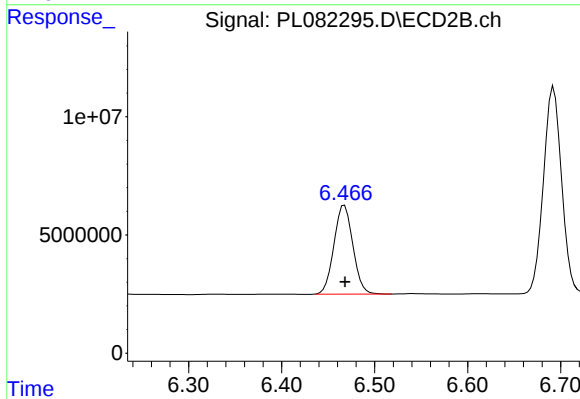
#19 Endosulfan Sulfate

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 103490454
Conc: 43.96 ng/ml



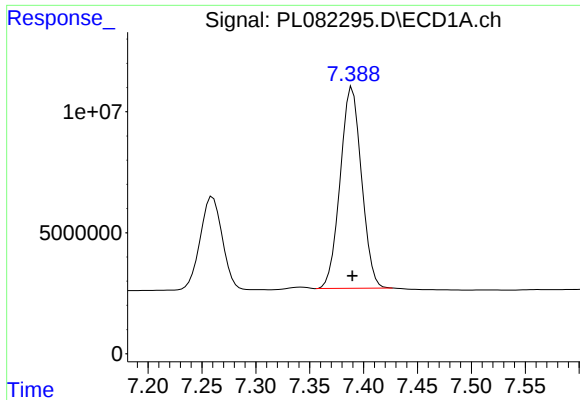
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 54815597
Conc: 44.92 ng/ml



#20 Methoxychlor

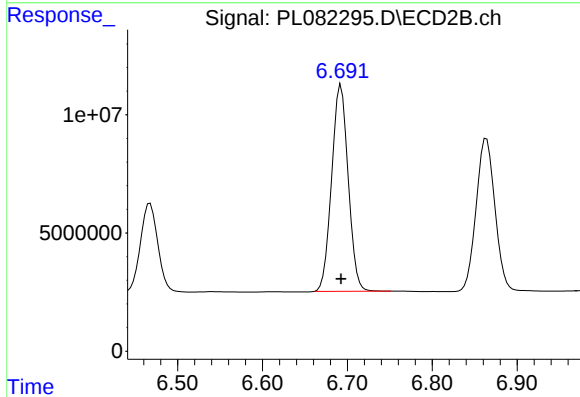
R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 53283858
Conc: 43.97 ng/ml



#21 Endrin ketone

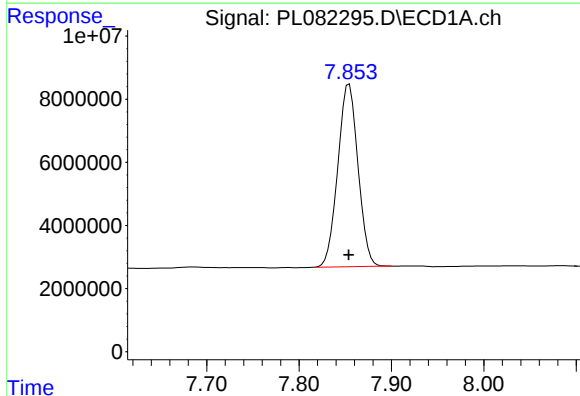
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 114533846
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



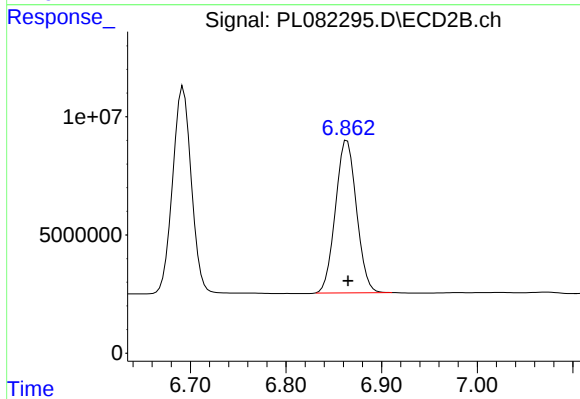
#21 Endrin ketone

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 118267939
Conc: 46.60 ng/ml



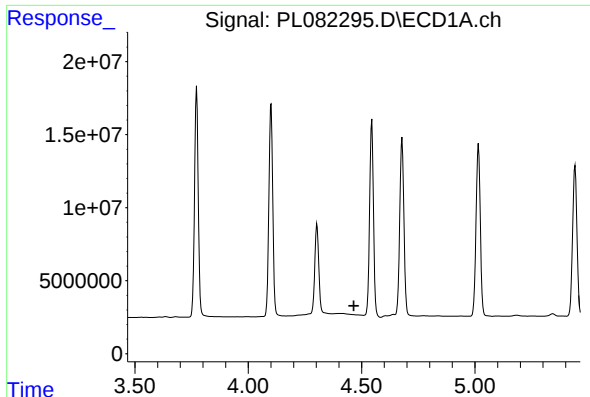
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 88035145
Conc: 45.00 ng/ml



#22 Mirex

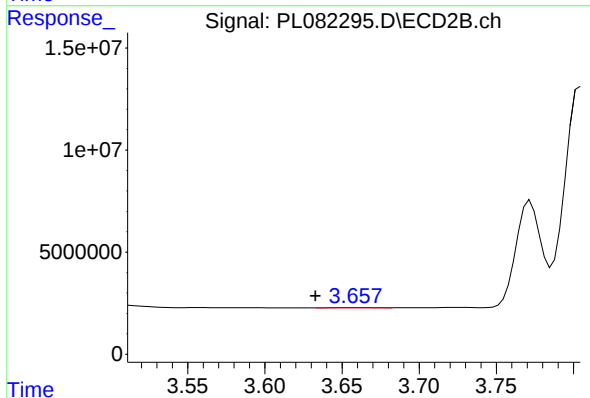
R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 98701415
Conc: 42.83 ng/ml



#23 Chlordane-1

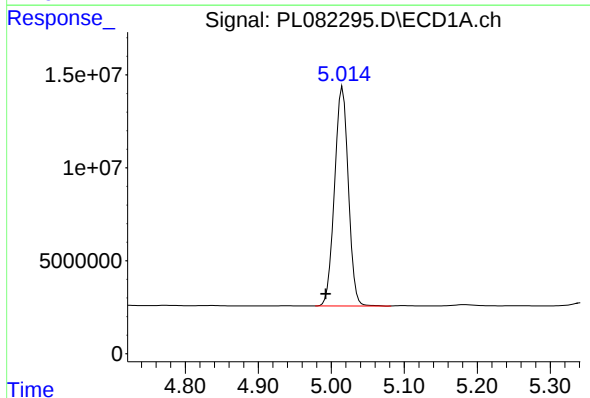
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



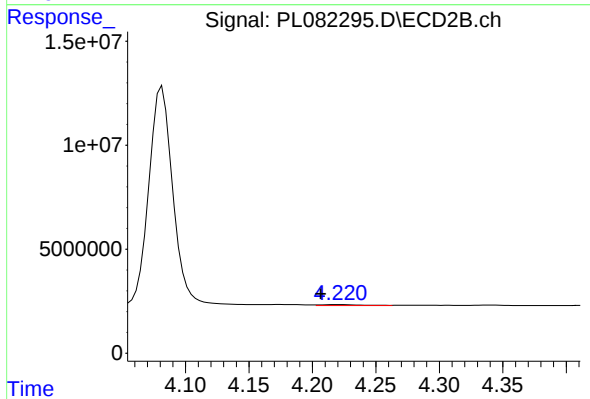
#23 Chlordane-1

R.T.: 3.658 min
Delta R.T.: 0.026 min
Response: 284475
Conc: 3.21 ng/ml



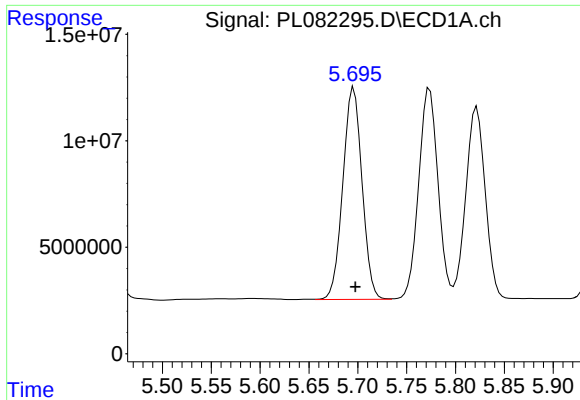
#24 Chlordane-2

R.T.: 5.015 min
Delta R.T.: 0.023 min
Response: 154725397
Conc: 1299.64 ng/ml



#24 Chlordane-2

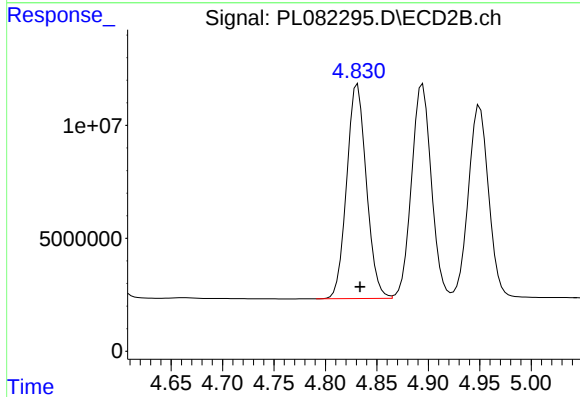
R.T.: 4.221 min
Delta R.T.: 0.014 min
Response: 870949
Conc: 7.77 ng/ml



#25 Chlordane-3

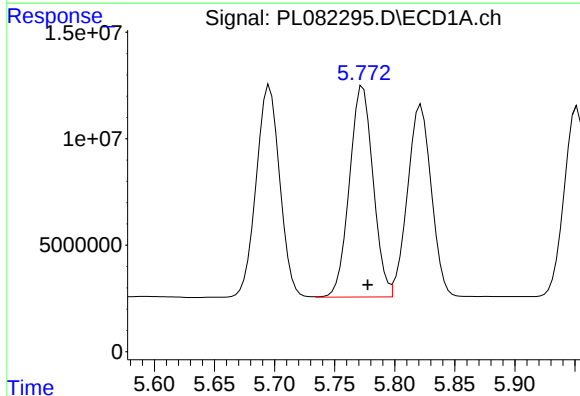
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 135957009
Conc: 314.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



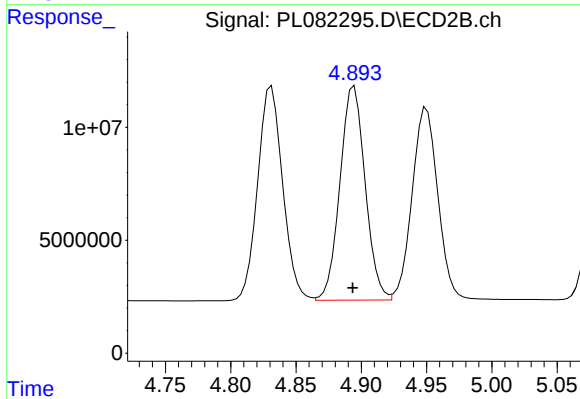
#25 Chlordane-3

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 126657233
Conc: 445.80 ng/ml



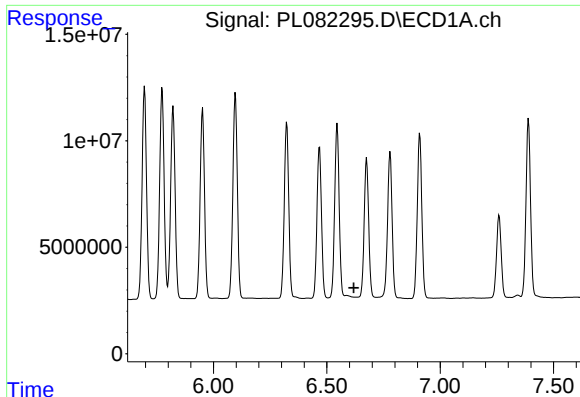
#26 Chlordane-4

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 136002873
Conc: 261.59 ng/ml



#26 Chlordane-4

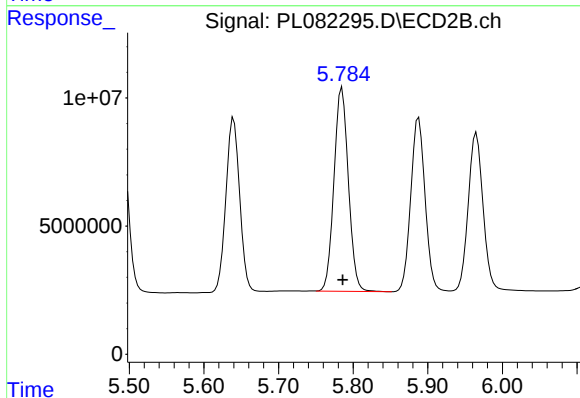
R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 127282431
Conc: 426.54 ng/ml



#27 Chlordane-5

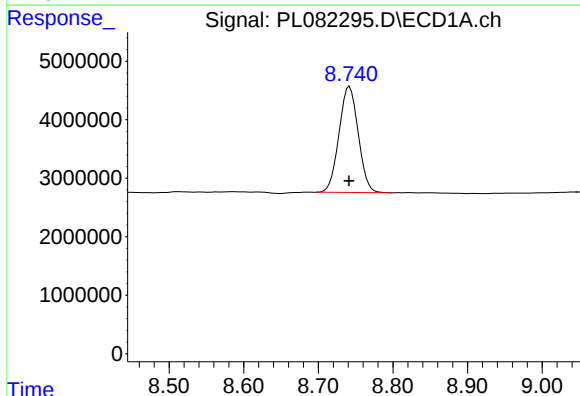
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



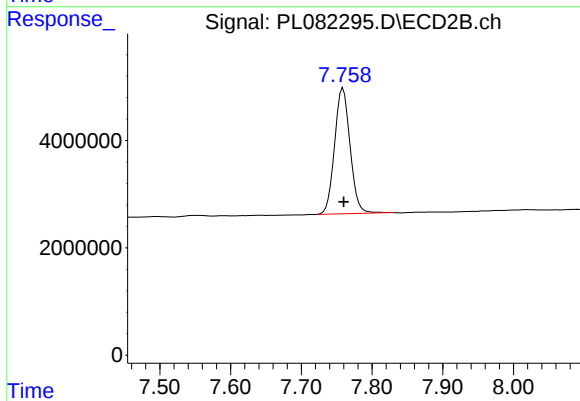
#27 Chlordane-5

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 106729953
Conc: 1081.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 32422739
Conc: 16.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 35681275
Conc: 15.63 ng/ml