

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102022\
 Data File : PL078426.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2022 11:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

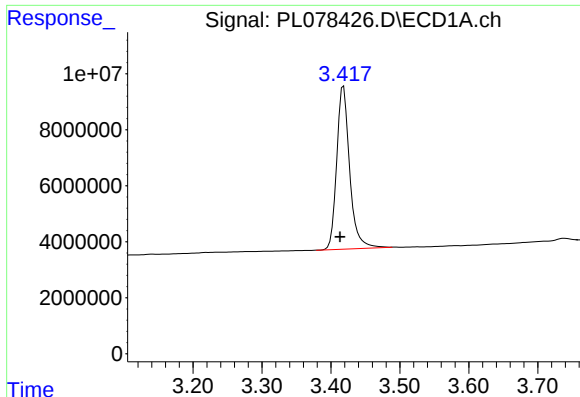
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 12:34:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.418	2.619	76036215	129.6E6	46.009	49.036
28)	SA Decachlor...	8.909	7.717	64615563	104.0E6	41.855	47.842
Target Compounds							
2)	A alpha-BHC	3.884	3.112	118.6E6	204.4E6	47.147	49.116
3)	MA gamma-BHC...	4.220	3.436	107.2E6	184.7E6	45.981	53.002
4)	MA Heptachlor	4.794	3.767	101.3E6	181.0E6	45.562	50.679
5)	MB Aldrin	5.135	4.041	108.4E6	170.5E6	51.765	50.114
6)	B beta-BHC	4.433	3.736	45501432	74202731	45.748	50.332
7)	B delta-BHC	4.677	3.959	106.3E6	182.8E6	57.829	49.441
8)	B Heptachlo...	5.569	4.540	99825097	153.3E6	65.567	52.023
9)	A Endosulfan I	5.954	4.906	84459155	142.8E6	50.311	51.792
10)	B gamma-Chl...	5.824	4.789	96778259	154.1E6	54.315	51.484
11)	B alpha-Chl...	5.901	4.852	91437873	149.1E6	51.061	51.792
12)	B 4,4'-DDE	6.081	5.046	96037481	148.8E6	56.983	52.063
13)	MA Dieldrin	6.232	5.169	85116942	151.2E6	49.472	51.595
14)	MA Endrin	6.462	5.441	68917511	132.2E6	46.185	57.396
15)	B Endosulfa...	6.692	5.738	67778774	121.7E6	50.559	49.717
16)	A 4,4'-DDD	6.606	5.599	64681349	122.8E6	52.530	55.139
17)	MA 4,4'-DDT	6.915	5.847	69441956	118.0E6	47.435	51.973
18)	B Endrin al...	6.823	5.917	51538889	93214285	45.036	50.377
19)	B Endosulfa...	7.056	6.141	63912820	120.4E6	44.809	50.032
20)	A Methoxychlor	7.397	6.425	30983285	61188080	40.891	48.446
21)	B Endrin ke...	7.544	6.639	73172459	136.0E6	46.903	51.341
22)	Mirex	8.003	6.815	53111691	95480095	44.966	49.630
24)	Chlordane-2	5.135f	0.000	108.4E6	0	1539.247	N.D. #
25)	Chlordane-3	5.824	4.789	96778259	154.1E6	372.253	503.709 #
26)	Chlordane-4	5.901	4.852	91437873	149.1E6	286.304	461.856 #
27)	Chlordane-5	0.000	5.511	0	1312757	N.D.	15.384 #

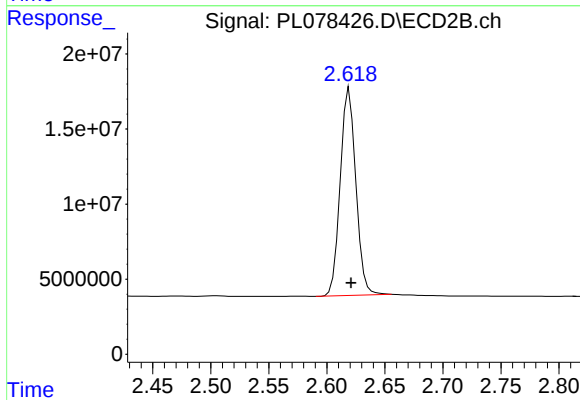
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

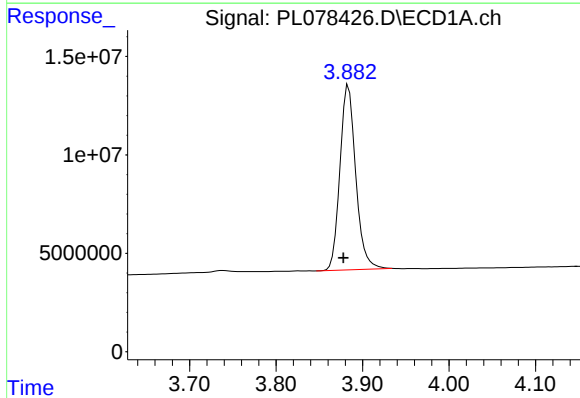
R.T.: 3.418 min
Delta R.T.: 0.005 min
Response: 76036215
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



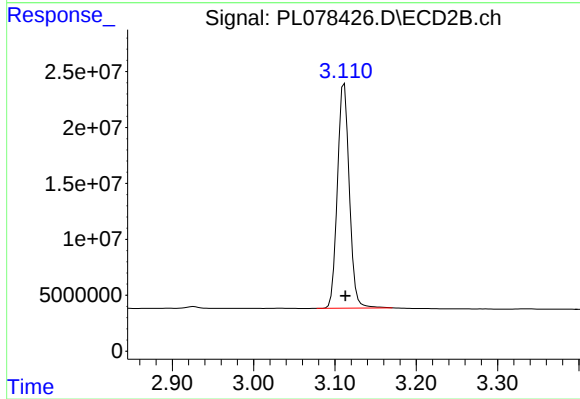
#1 Tetrachloro-m-xylene

R.T.: 2.619 min
Delta R.T.: -0.001 min
Response: 129614558
Conc: 49.04 ng/ml



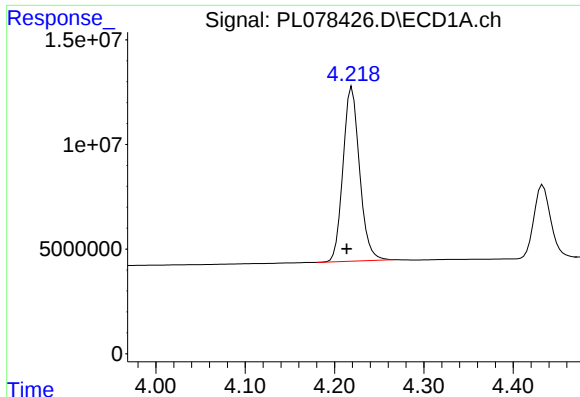
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.006 min
Response: 118563125
Conc: 47.15 ng/ml



#2 alpha-BHC

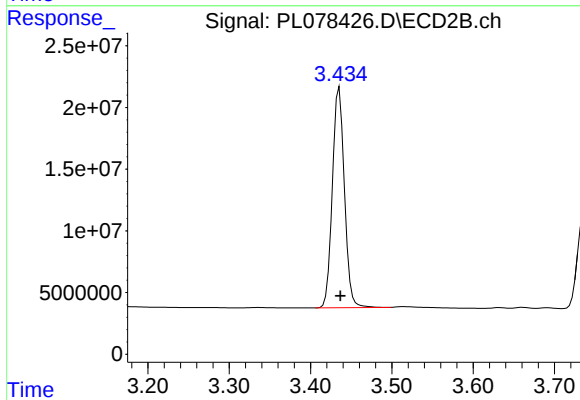
R.T.: 3.112 min
Delta R.T.: -0.001 min
Response: 204431811
Conc: 49.12 ng/ml



#3 gamma-BHC (Lindane)

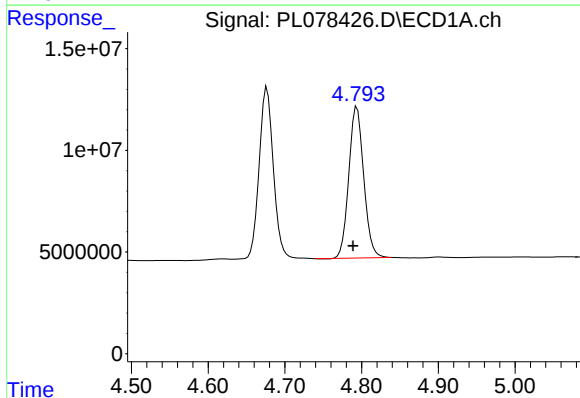
R.T.: 4.220 min
Delta R.T.: 0.006 min
Response: 107228637
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



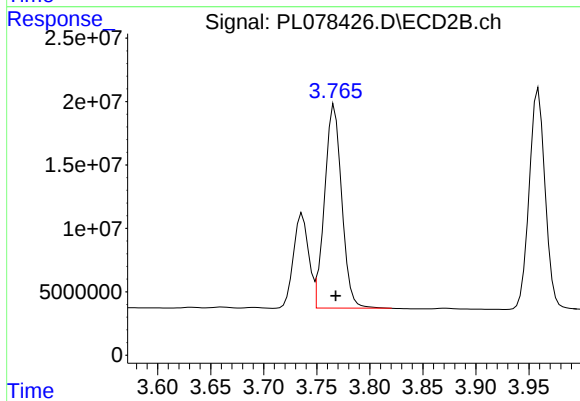
#3 gamma-BHC (Lindane)

R.T.: 3.436 min
Delta R.T.: -0.001 min
Response: 184688415
Conc: 53.00 ng/ml



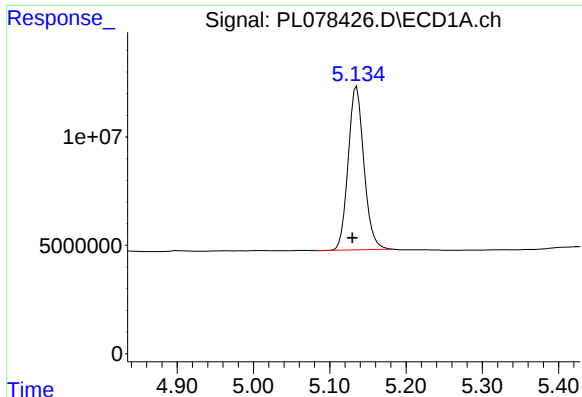
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: 0.005 min
Response: 101274736
Conc: 45.56 ng/ml



#4 Heptachlor

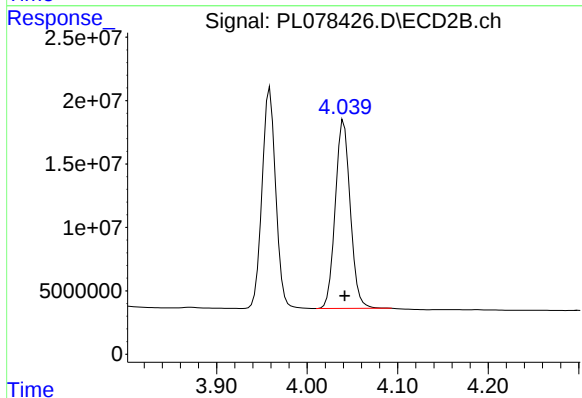
R.T.: 3.767 min
Delta R.T.: -0.001 min
Response: 180995476
Conc: 50.68 ng/ml



#5 Aldrin

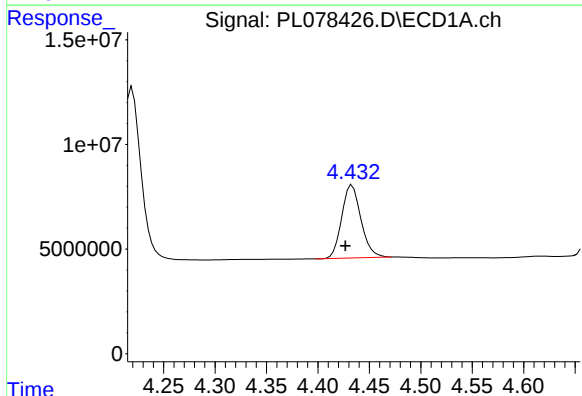
R.T.: 5.135 min
Delta R.T.: 0.006 min
Response: 108414585
Conc: 51.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



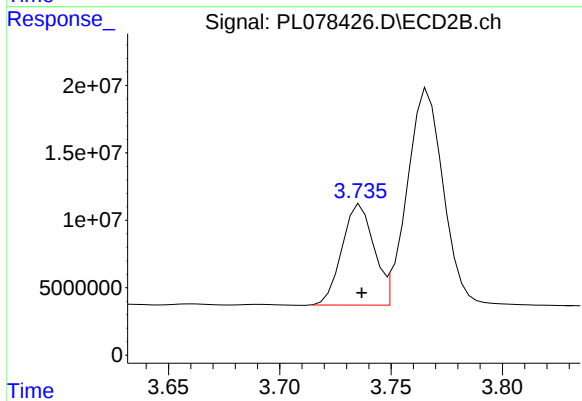
#5 Aldrin

R.T.: 4.041 min
Delta R.T.: -0.001 min
Response: 170484543
Conc: 50.11 ng/ml



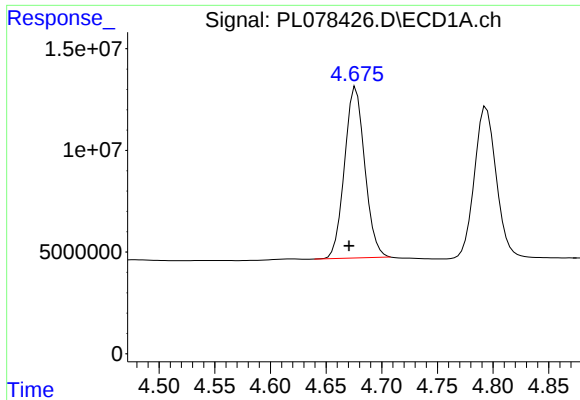
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.007 min
Response: 45501432
Conc: 45.75 ng/ml



#6 beta-BHC

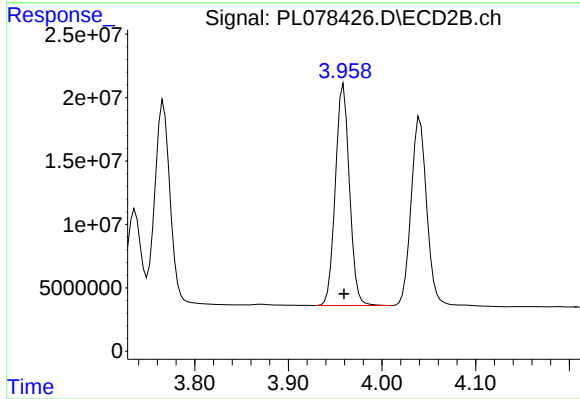
R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 74202731
Conc: 50.33 ng/ml



#7 delta-BHC

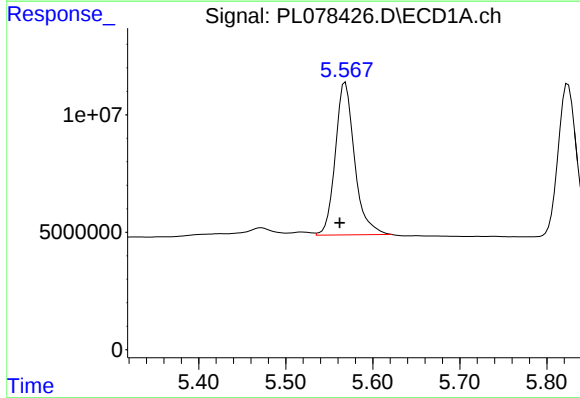
R.T.: 4.677 min
Delta R.T.: 0.006 min
Response: 106281624
Conc: 57.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



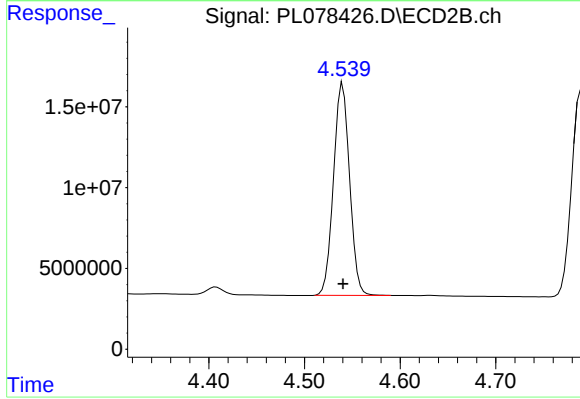
#7 delta-BHC

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 182760069
Conc: 49.44 ng/ml



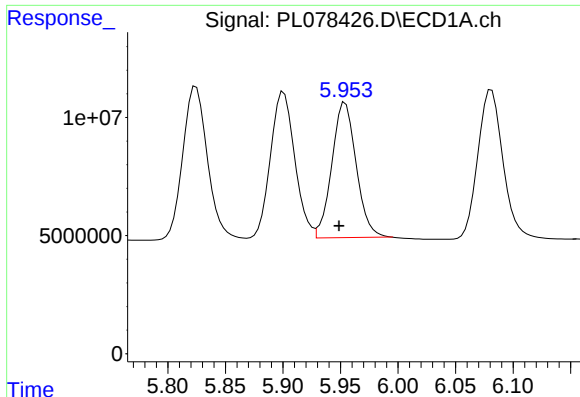
#8 Heptachlor epoxide

R.T.: 5.569 min
Delta R.T.: 0.006 min
Response: 99825097
Conc: 65.57 ng/ml



#8 Heptachlor epoxide

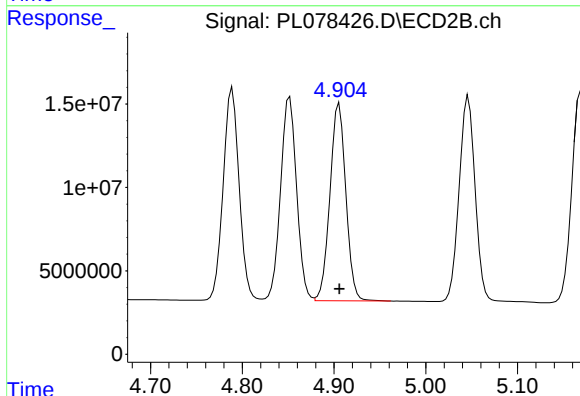
R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 153293806
Conc: 52.02 ng/ml



#9 Endosulfan I

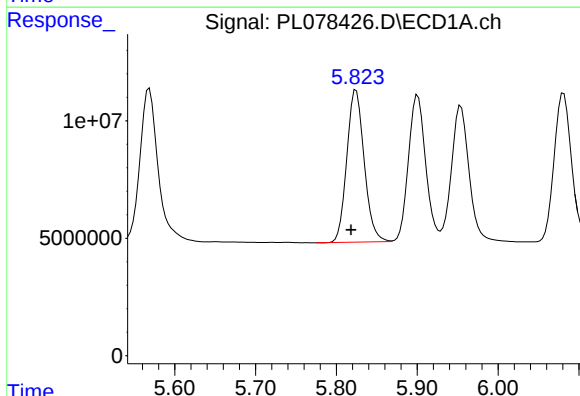
R.T.: 5.954 min
Delta R.T.: 0.005 min
Response: 84459155
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



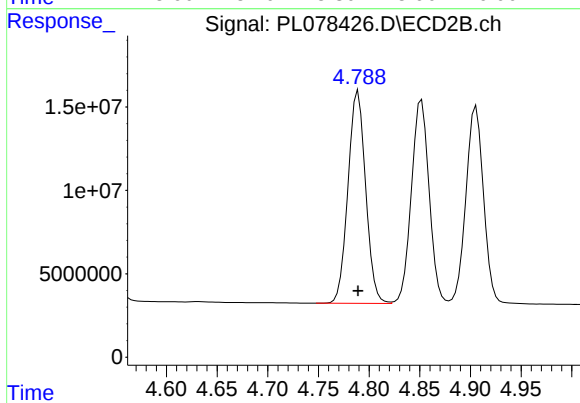
#9 Endosulfan I

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 142847630
Conc: 51.79 ng/ml



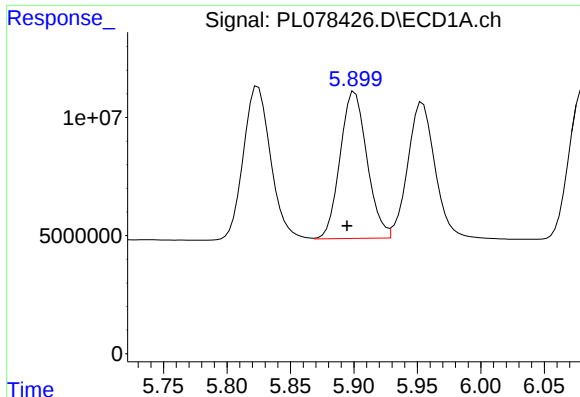
#10 gamma-Chlordane

R.T.: 5.824 min
Delta R.T.: 0.006 min
Response: 96778259
Conc: 54.31 ng/ml



#10 gamma-Chlordane

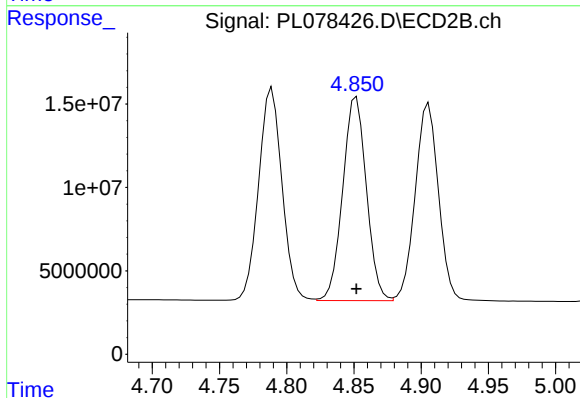
R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 154113964
Conc: 51.48 ng/ml



#11 alpha-Chlordane

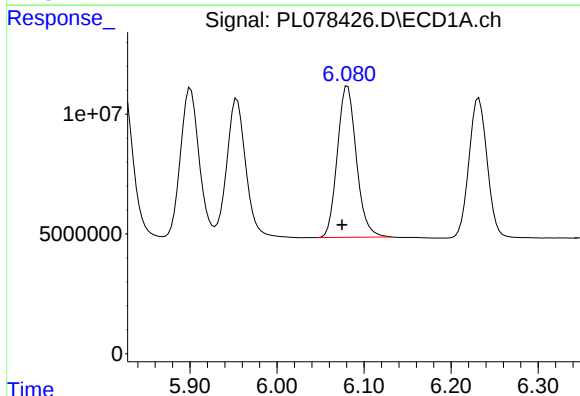
R.T.: 5.901 min
Delta R.T.: 0.006 min
Response: 91437873
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



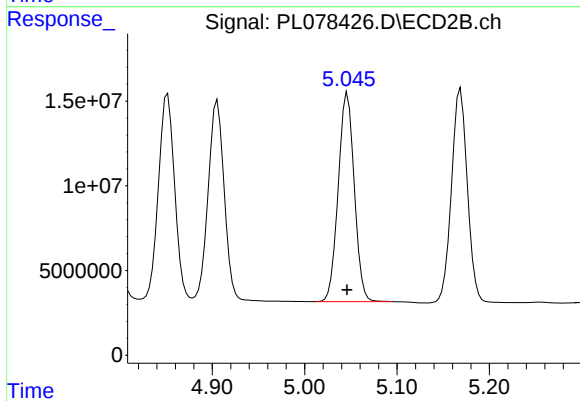
#11 alpha-Chlordane

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 149140604
Conc: 51.79 ng/ml



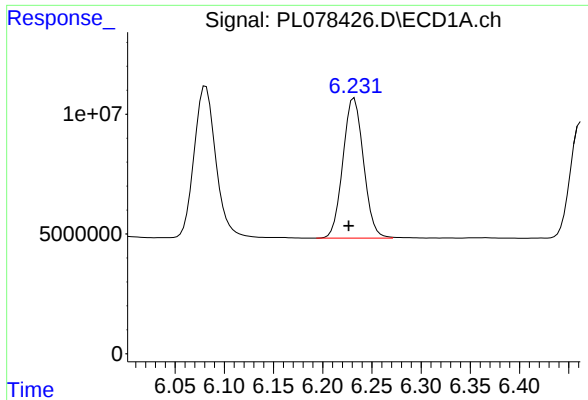
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: 0.006 min
Response: 96037481
Conc: 56.98 ng/ml



#12 4,4'-DDE

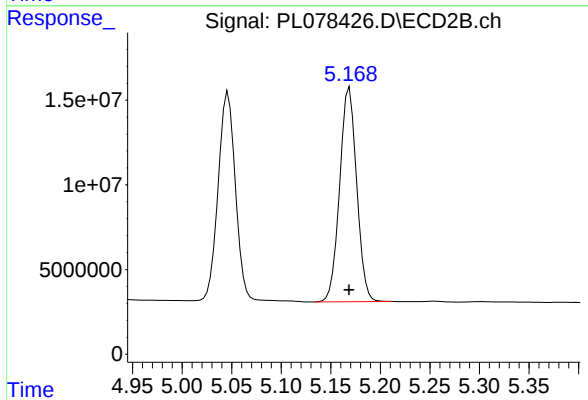
R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 148835707
Conc: 52.06 ng/ml



#13 Dieldrin

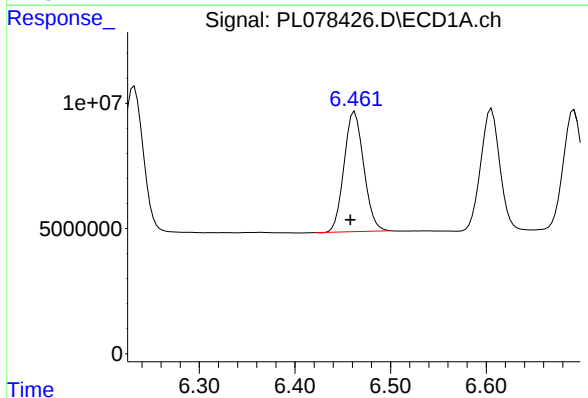
R.T.: 6.232 min
Delta R.T.: 0.006 min
Response: 85116942
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



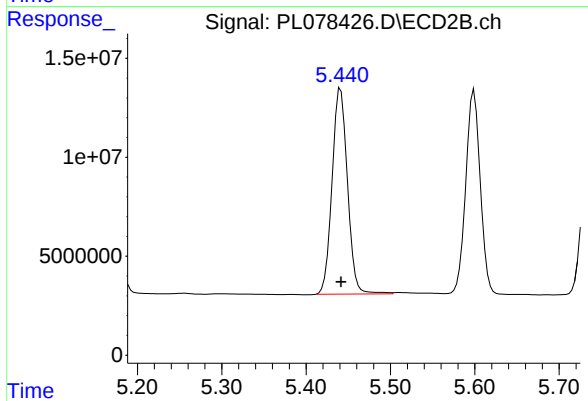
#13 Dieldrin

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 151180563
Conc: 51.59 ng/ml



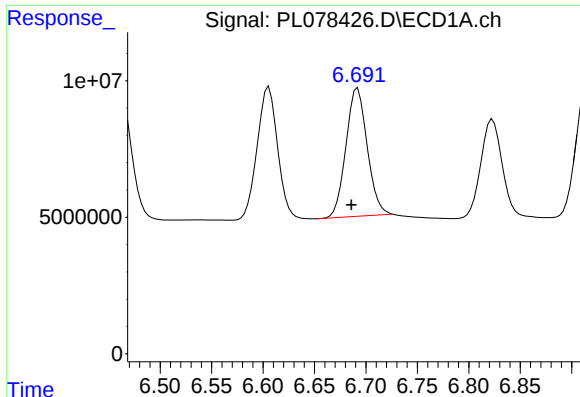
#14 Endrin

R.T.: 6.462 min
Delta R.T.: 0.004 min
Response: 68917511
Conc: 46.19 ng/ml



#14 Endrin

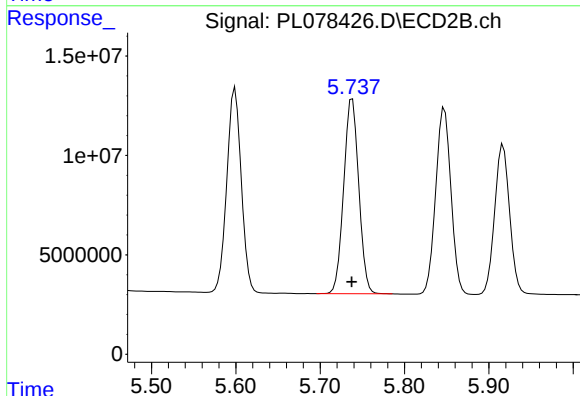
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 132204261
Conc: 57.40 ng/ml



#15 Endosulfan II

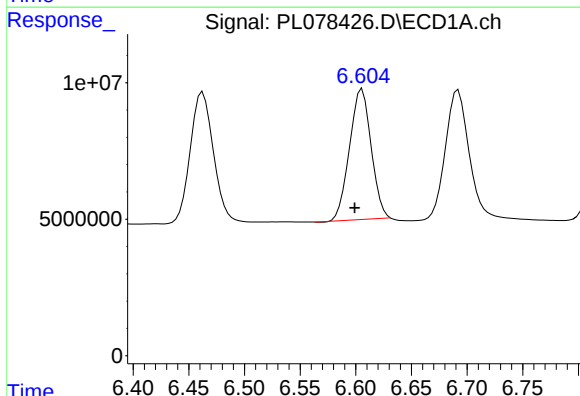
R.T.: 6.692 min
Delta R.T.: 0.006 min
Response: 67778774
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



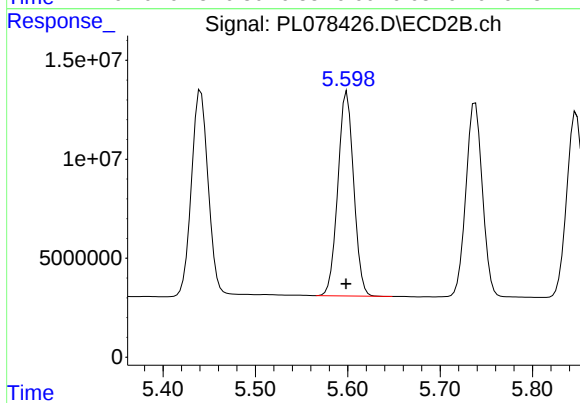
#15 Endosulfan II

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 121707238
Conc: 49.72 ng/ml



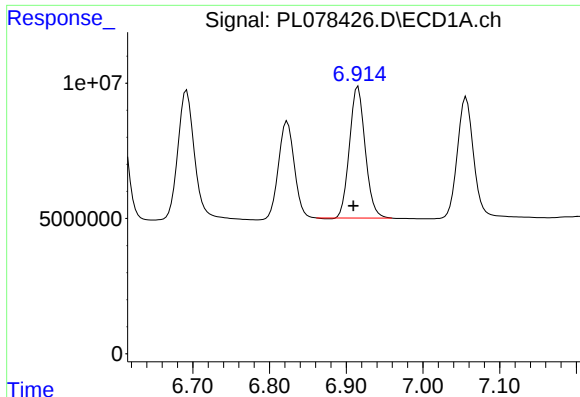
#16 4,4'-DDD

R.T.: 6.606 min
Delta R.T.: 0.007 min
Response: 64681349
Conc: 52.53 ng/ml



#16 4,4'-DDD

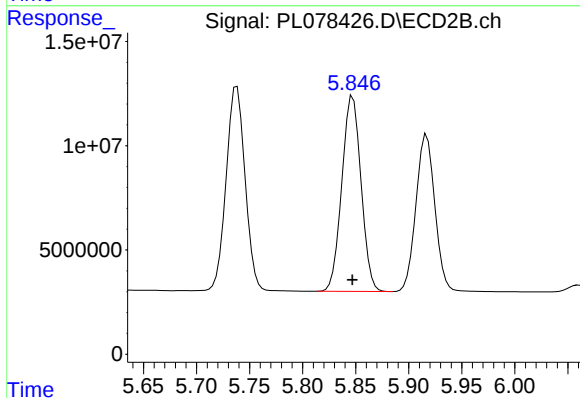
R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 122820018
Conc: 55.14 ng/ml



#17 4,4'-DDT

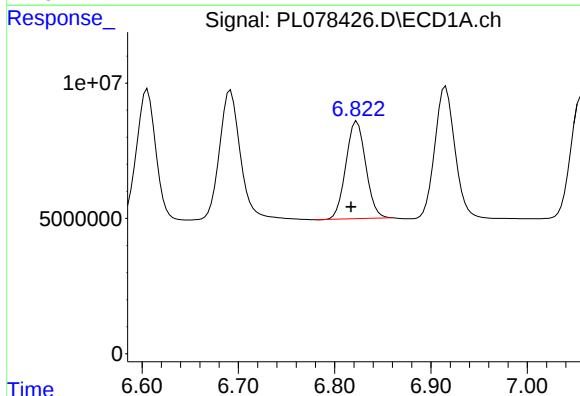
R.T.: 6.915 min
Delta R.T.: 0.006 min
Response: 69441956
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



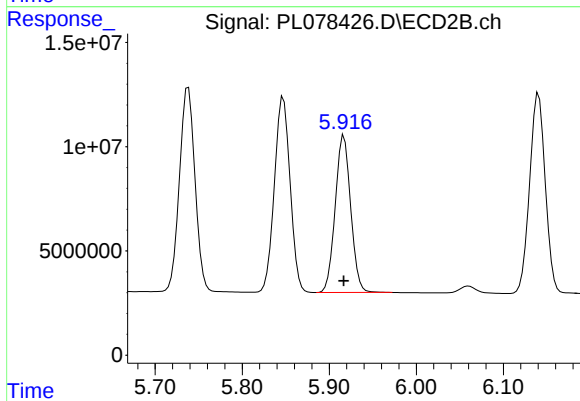
#17 4,4'-DDT

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 117974920
Conc: 51.97 ng/ml



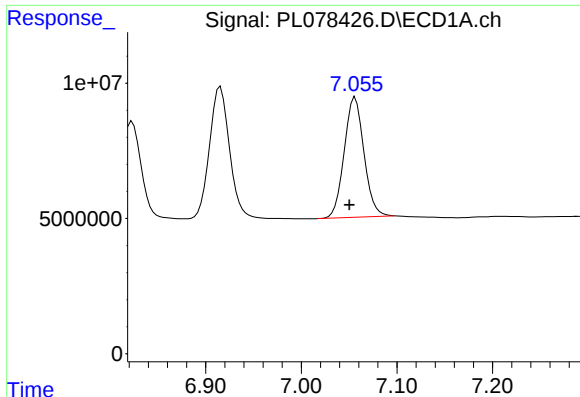
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: 0.006 min
Response: 51538889
Conc: 45.04 ng/ml



#18 Endrin aldehyde

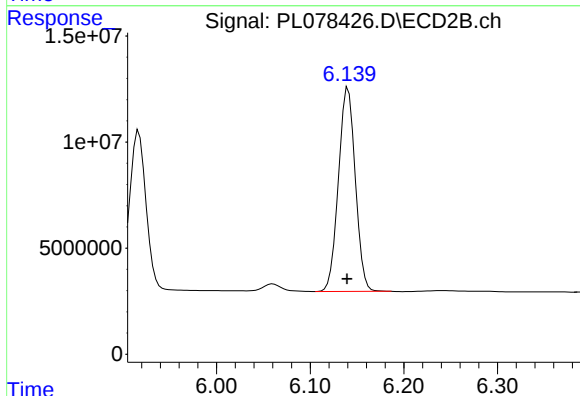
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 93214285
Conc: 50.38 ng/ml



#19 Endosulfan Sulfate

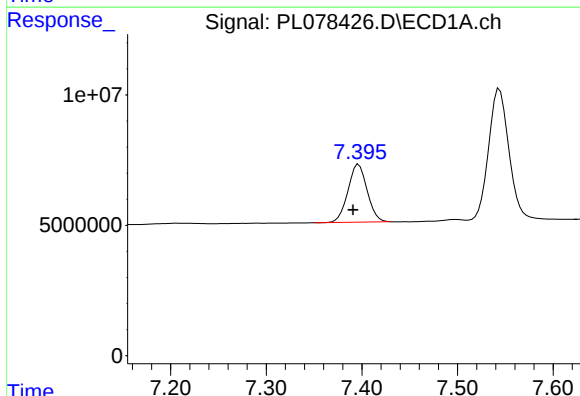
R.T.: 7.056 min
Delta R.T.: 0.006 min
Response: 63912820
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



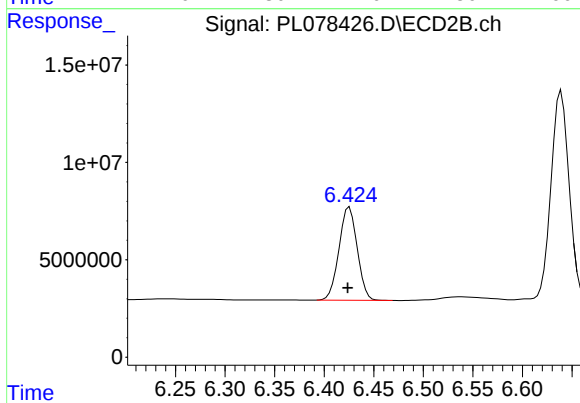
#19 Endosulfan Sulfate

R.T.: 6.141 min
Delta R.T.: 0.001 min
Response: 120437849
Conc: 50.03 ng/ml



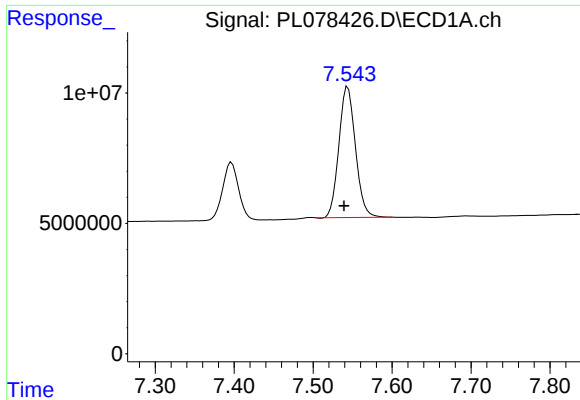
#20 Methoxychlor

R.T.: 7.397 min
Delta R.T.: 0.006 min
Response: 30983285
Conc: 40.89 ng/ml



#20 Methoxychlor

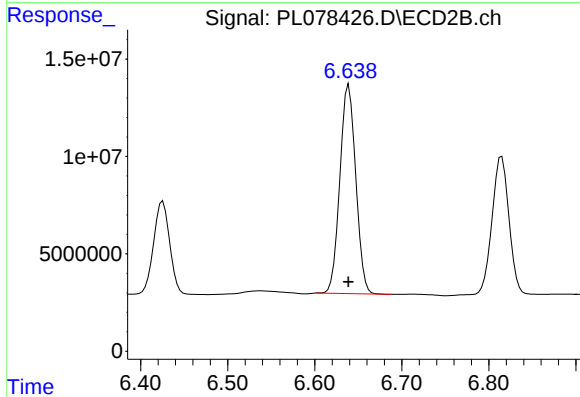
R.T.: 6.425 min
Delta R.T.: 0.002 min
Response: 61188080
Conc: 48.45 ng/ml



#21 Endrin ketone

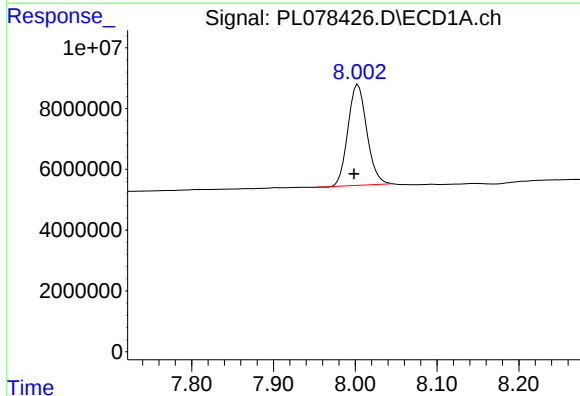
R.T.: 7.544 min
Delta R.T.: 0.005 min
Response: 73172459
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



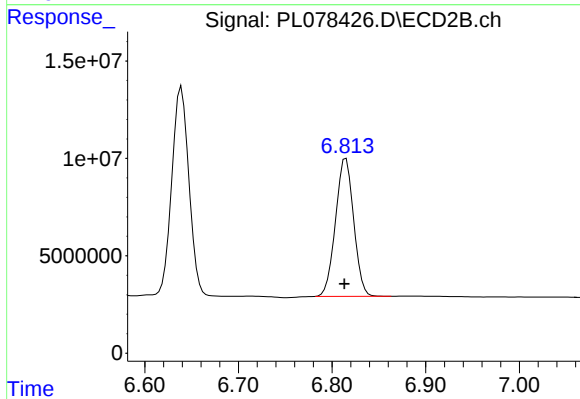
#21 Endrin ketone

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 136022590
Conc: 51.34 ng/ml



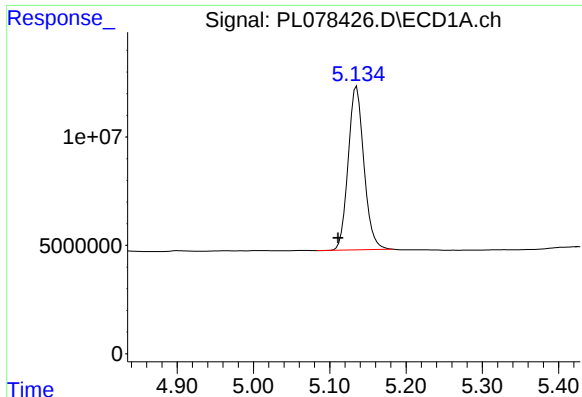
#22 Mirex

R.T.: 8.003 min
Delta R.T.: 0.005 min
Response: 53111691
Conc: 44.97 ng/ml



#22 Mirex

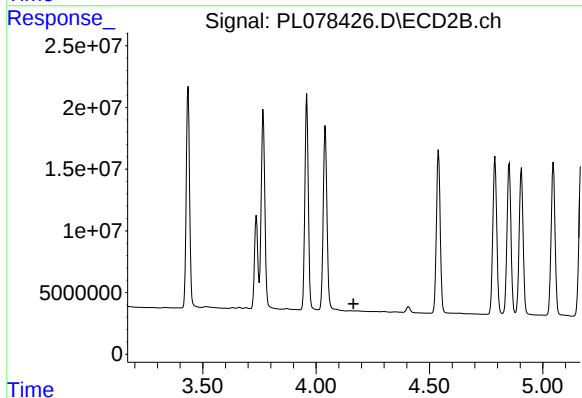
R.T.: 6.815 min
Delta R.T.: 0.002 min
Response: 95480095
Conc: 49.63 ng/ml



#24 Chlordane-2

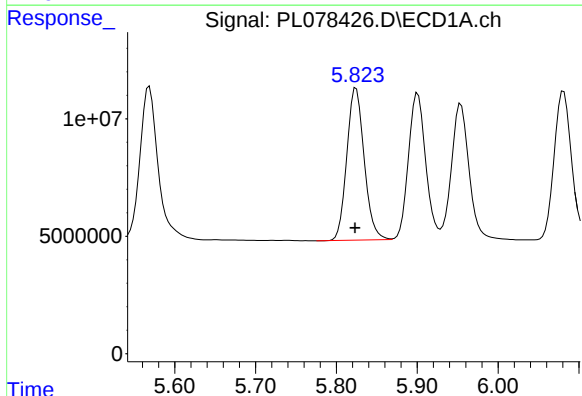
R.T.: 5.135 min
Delta R.T.: 0.024 min
Response: 108414585
Conc: 1539.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



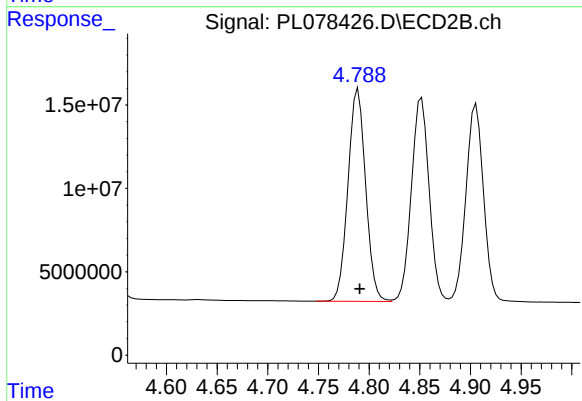
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.165 min
Response: 0
Conc: N.D.



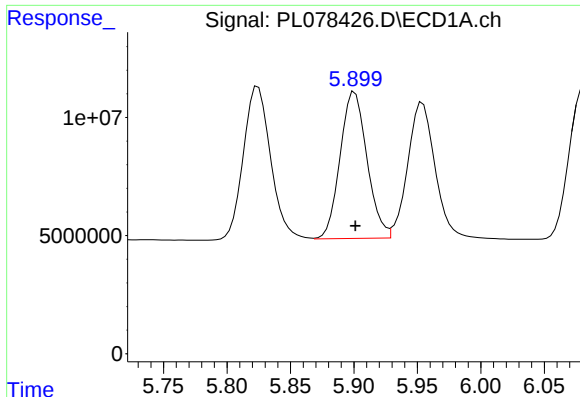
#25 Chlordane-3

R.T.: 5.824 min
Delta R.T.: 0.001 min
Response: 96778259
Conc: 372.25 ng/ml



#25 Chlordane-3

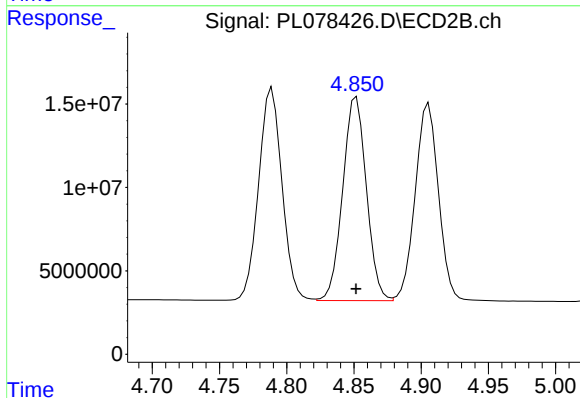
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 154113964
Conc: 503.71 ng/ml



#26 Chlordane-4

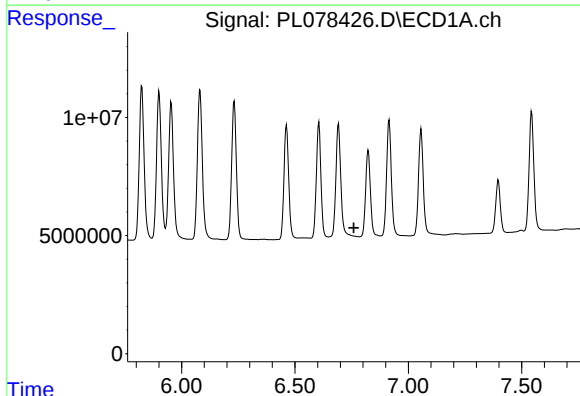
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 91437873
Conc: 286.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



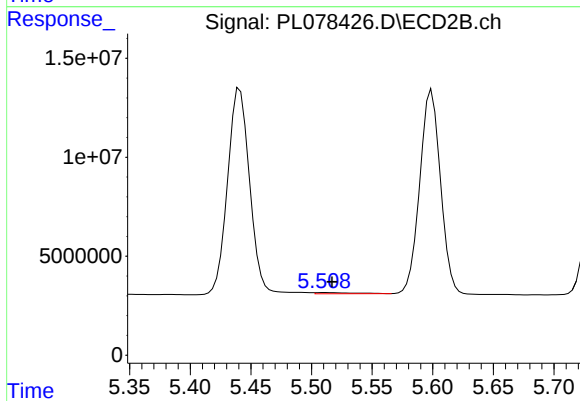
#26 Chlordane-4

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 149140604
Conc: 461.86 ng/ml



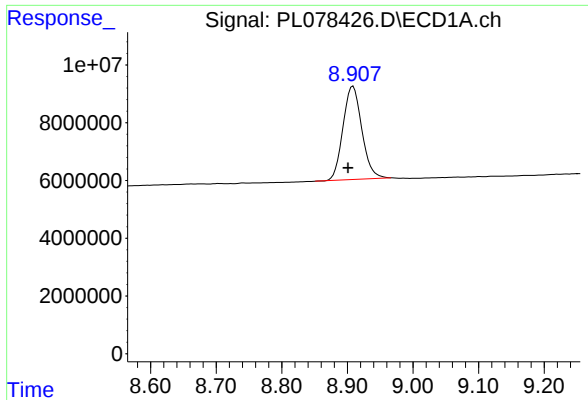
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.760 min
Response: 0
Conc: N.D.



#27 Chlordane-5

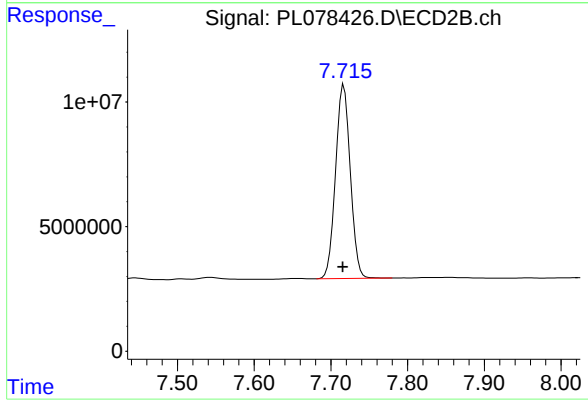
R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 1312757
Conc: 15.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.909 min
Delta R.T.: 0.008 min
Response: 64615563
Conc: 41.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.717 min
Delta R.T.: 0.001 min
Response: 103999644
Conc: 47.84 ng/ml