

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040324\
 Data File : PL088909.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2024 16:56
 Operator : AR\AJ
 Sample : P1956-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR200010MSD

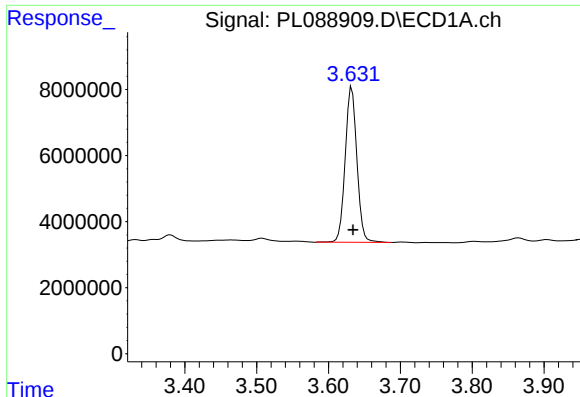
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 01:18:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.632	2.850	53079744	28087635	20.030	21.075
2)	SA Decachlor...	9.302	8.078	9148723	23437594	3.701	17.285 #
Target Compounds							
2)	A alpha-BHC	4.098	3.364	227.9E6	121.9E6	57.105	60.648
3)	MA gamma-BHC...	4.436	3.701	230.8E6	114.8E6	59.515	59.843
4)	MA Heptachlor	5.036	4.049	214.5E6	114.3E6	56.497	63.524
5)	MB Aldrin	5.383	4.334	207.0E6	110.4E6	56.475	61.103
6)	B beta-BHC	4.634	4.003	100.7E6	51030039	56.777	59.528
7)	B delta-BHC	4.885	4.238	215.0E6	112.5E6	53.362	58.785
8)	B Heptachlo...	5.815	4.844	194.5E6	103.8E6	56.622	63.122
9)	A Endosulfan I	6.206	5.220	174.7E6	96671300	57.151	64.308
10)	B gamma-Chl...	6.074	5.099	202.9E6	110.2E6	60.905	66.513
11)	B alpha-Chl...	6.155	5.164	200.5E6	110.6E6	60.321	66.622
12)	B 4,4'-DDE	6.329	5.357	168.6E6	97397675	56.424	66.775
13)	MA Dieldrin	6.484	5.489	186.0E6	106.0E6	57.362	65.268
14)	MA Endrin	6.718	5.769	151.6E6	93061392	55.459	64.562
15)	B Endosulfa...	6.938	6.066	165.2E6	92949441	57.674	64.643
16)	A 4,4'-DDD	6.853	5.919	145.7E6	81669394	57.221	65.578
17)	MA 4,4'-DDT	7.171	6.173	150.1E6	87387050	56.306	65.108
18)	B Endrin al...	7.070	6.248	97763159	68199856	46.825	65.079 #
19)	B Endosulfa...	7.307	6.474	154.4E6	88748566	55.928	63.966
20)	A Methoxychlor	7.652	6.757	79290641	48704979	52.632	60.724
21)	B Endrin ke...	7.798	6.987	168.4E6	103.6E6	56.968	62.777
22)	Mirex	8.280	7.173	114.0E6	83353488	48.638	61.815 #
23)	Chlordane-1	0.000	3.875	0	81781	N.D.	1.684 #
24)	Chlordane-2	5.383f	4.464	207.0E6	3698536	1574.147	60.916 #
25)	Chlordane-3	6.074	5.099	202.9E6	110.2E6	407.981	645.487 #
26)	Chlordane-4	6.155	5.164	200.5E6	110.6E6	334.260	693.172 #
27)	Chlordane-5	7.018	5.842	1441571	657151	13.638	12.958

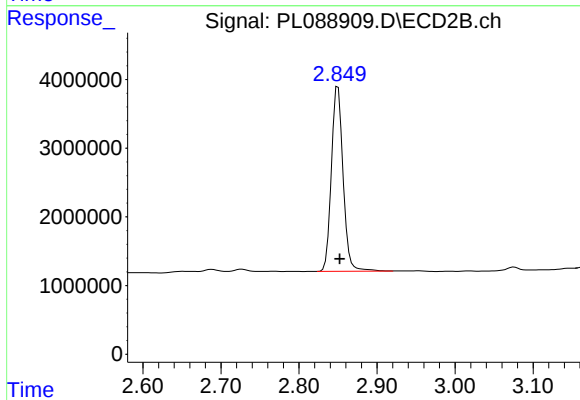
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

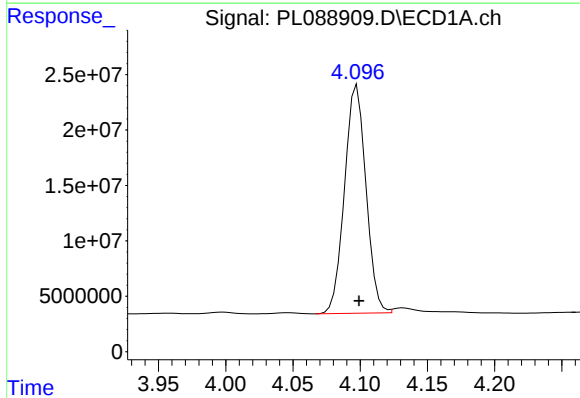
R.T.: 3.632 min
Delta R.T.: -0.002 min
Response: 53079744
Conc: 20.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



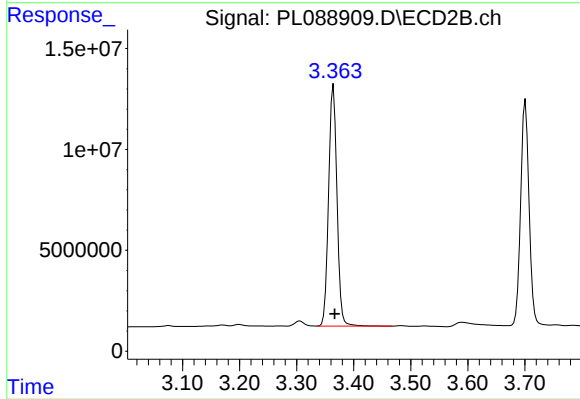
#1 Tetrachloro-m-xylene

R.T.: 2.850 min
Delta R.T.: -0.002 min
Response: 28087635
Conc: 21.08 ng/ml



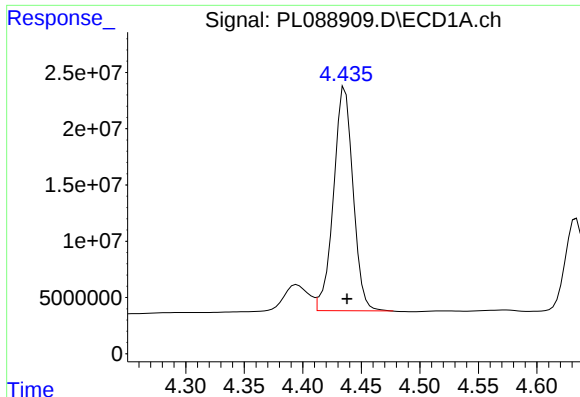
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: -0.001 min
Response: 227946299
Conc: 57.11 ng/ml



#2 alpha-BHC

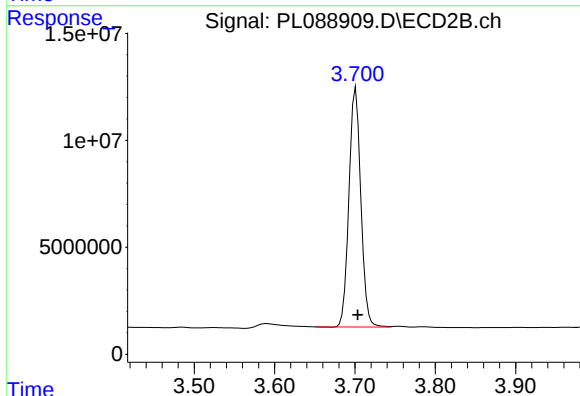
R.T.: 3.364 min
Delta R.T.: -0.003 min
Response: 121869268
Conc: 60.65 ng/ml



#3 gamma-BHC (Lindane)

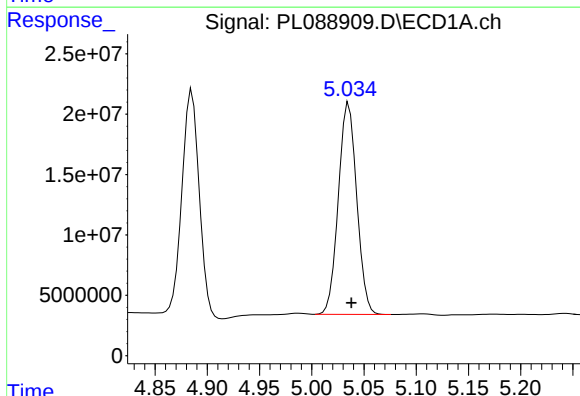
R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 230814008
Conc: 59.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



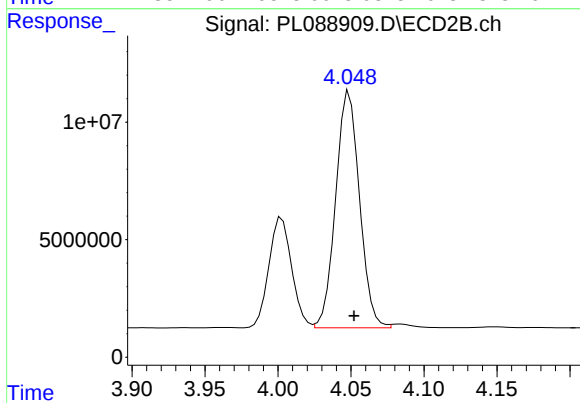
#3 gamma-BHC (Lindane)

R.T.: 3.701 min
Delta R.T.: -0.003 min
Response: 114846644
Conc: 59.84 ng/ml



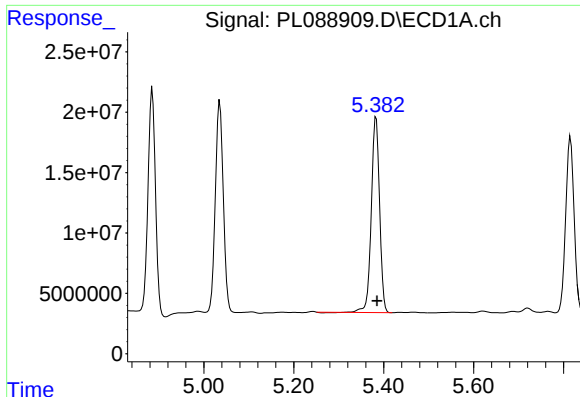
#4 Heptachlor

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 214544261
Conc: 56.50 ng/ml



#4 Heptachlor

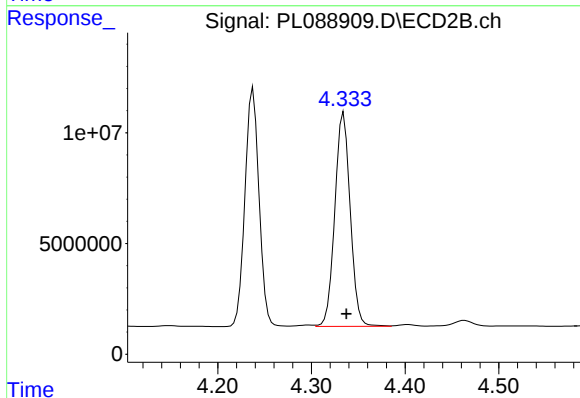
R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 114326733
Conc: 63.52 ng/ml



#5 Aldrin

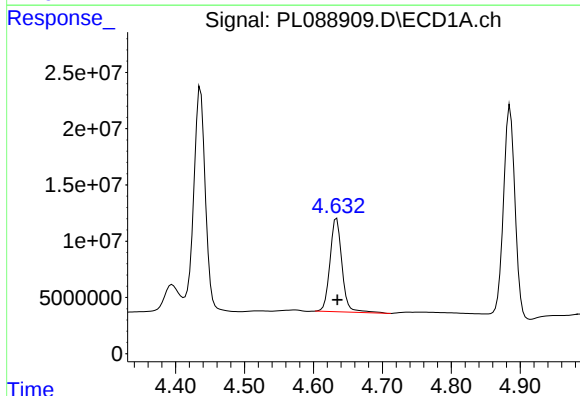
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 206950572
Conc: 56.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



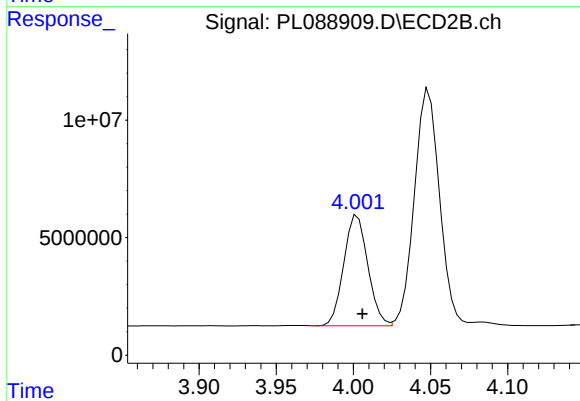
#5 Aldrin

R.T.: 4.334 min
Delta R.T.: -0.003 min
Response: 110417355
Conc: 61.10 ng/ml



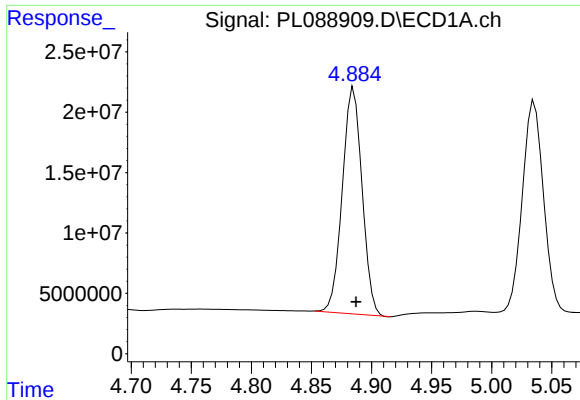
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 100690643
Conc: 56.78 ng/ml



#6 beta-BHC

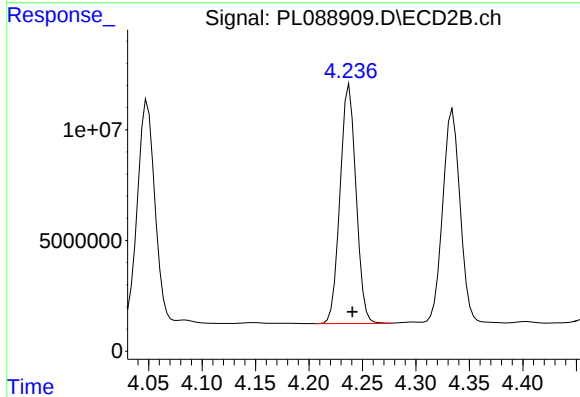
R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 51030039
Conc: 59.53 ng/ml



#7 delta-BHC

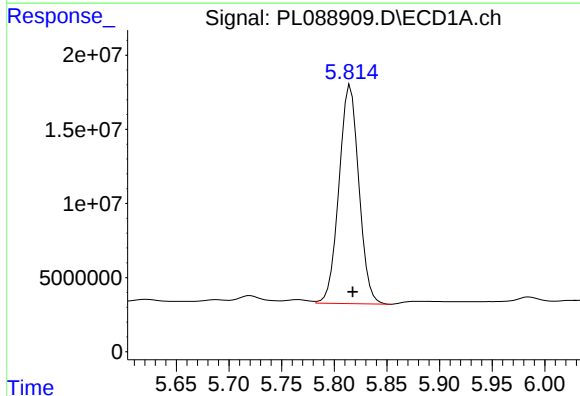
R.T.: 4.885 min
Delta R.T.: -0.002 min
Response: 214954399
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



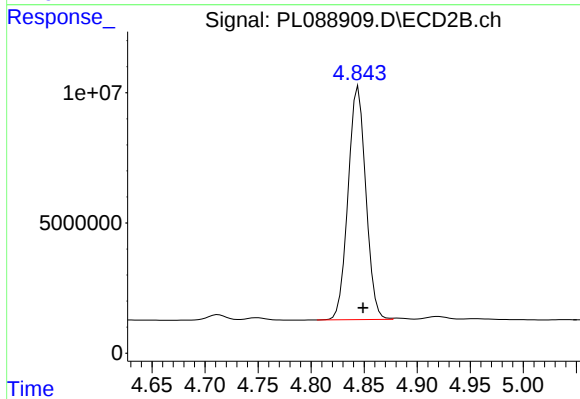
#7 delta-BHC

R.T.: 4.238 min
Delta R.T.: -0.003 min
Response: 112459523
Conc: 58.78 ng/ml



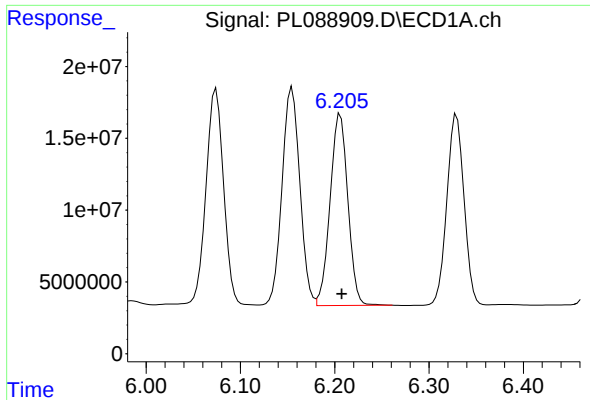
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 194496371
Conc: 56.62 ng/ml



#8 Heptachlor epoxide

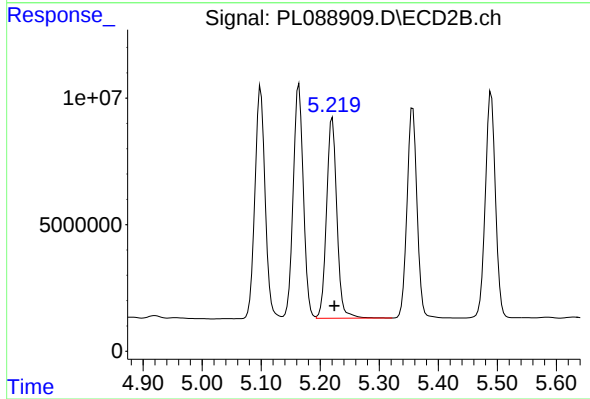
R.T.: 4.844 min
Delta R.T.: -0.004 min
Response: 103803985
Conc: 63.12 ng/ml



#9 Endosulfan I

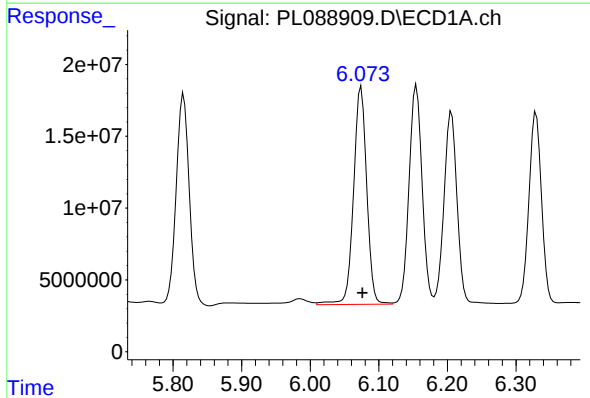
R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 174678687
Conc: 57.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



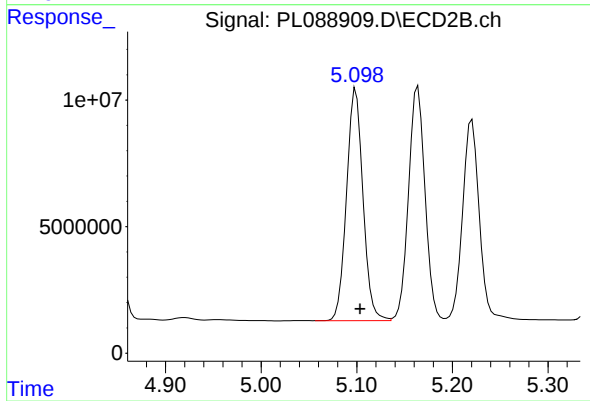
#9 Endosulfan I

R.T.: 5.220 min
Delta R.T.: -0.004 min
Response: 96671300
Conc: 64.31 ng/ml



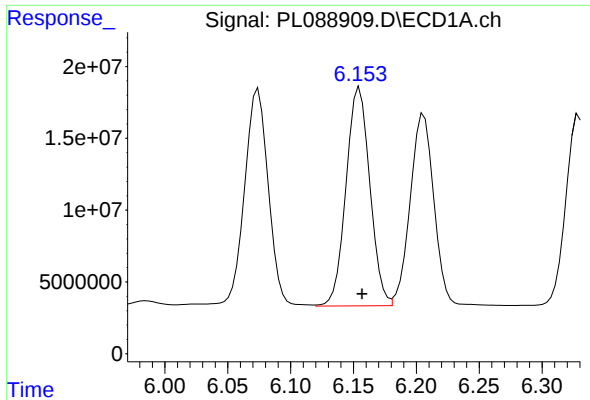
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 202862680
Conc: 60.90 ng/ml



#10 gamma-Chlordane

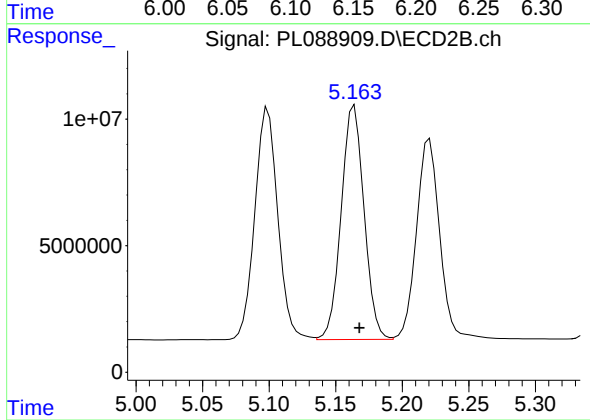
R.T.: 5.099 min
Delta R.T.: -0.004 min
Response: 110165778
Conc: 66.51 ng/ml



#11 alpha-Chlordane

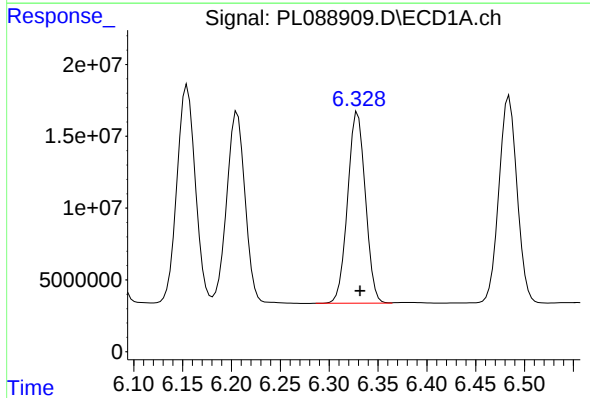
R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 200511362
Conc: 60.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



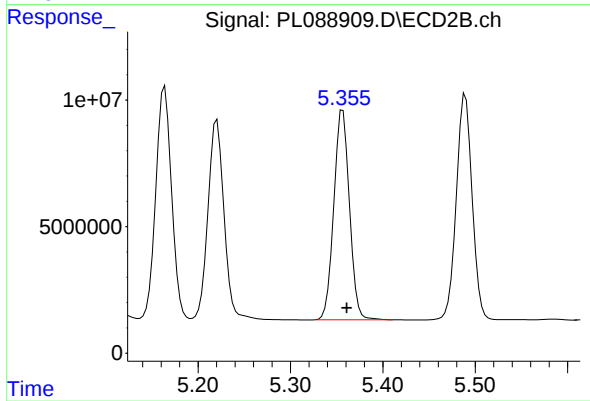
#11 alpha-Chlordane

R.T.: 5.164 min
Delta R.T.: -0.004 min
Response: 110588594
Conc: 66.62 ng/ml



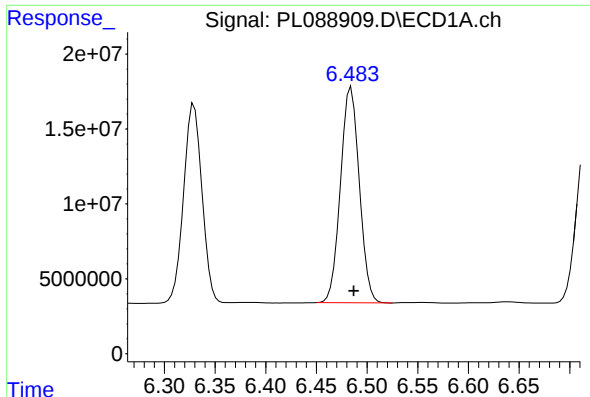
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 168577602
Conc: 56.42 ng/ml



#12 4,4'-DDE

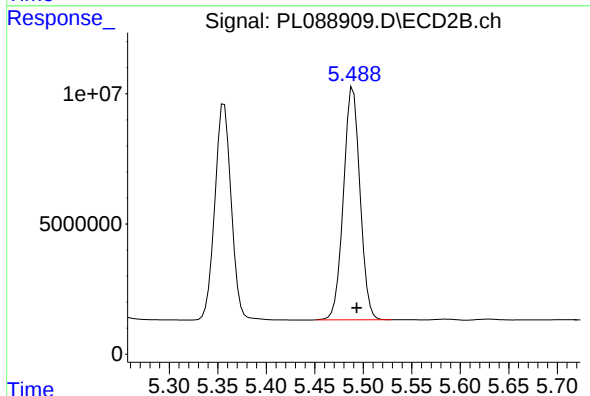
R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 97397675
Conc: 66.78 ng/ml



#13 Dieldrin

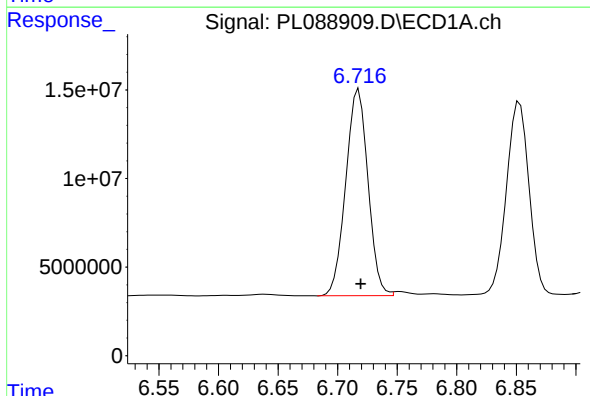
R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 186005757
Conc: 57.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



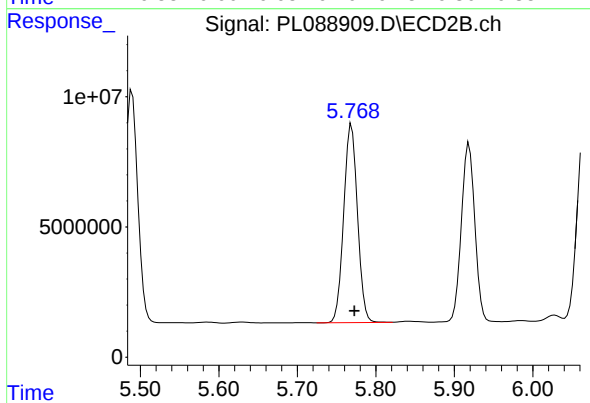
#13 Dieldrin

R.T.: 5.489 min
Delta R.T.: -0.004 min
Response: 106005558
Conc: 65.27 ng/ml



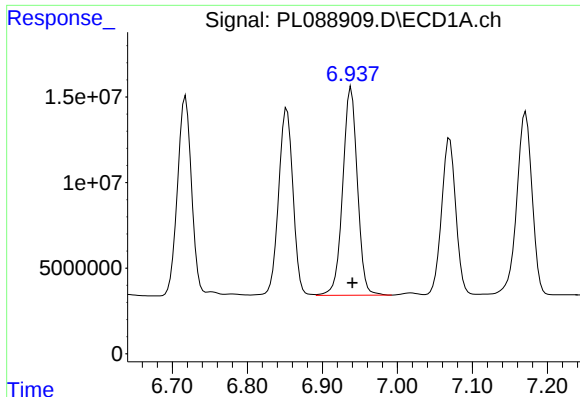
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 151608337
Conc: 55.46 ng/ml



#14 Endrin

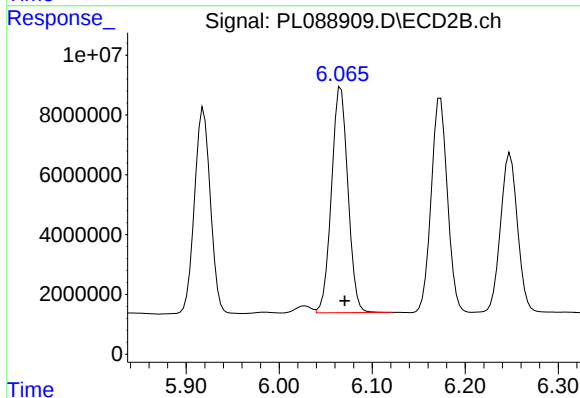
R.T.: 5.769 min
Delta R.T.: -0.004 min
Response: 93061392
Conc: 64.56 ng/ml



#15 Endosulfan II

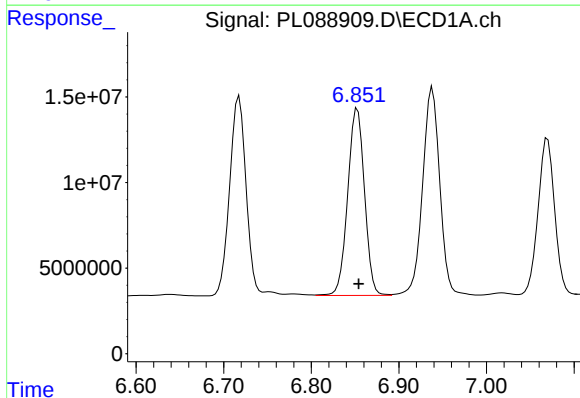
R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 165188535
Conc: 57.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



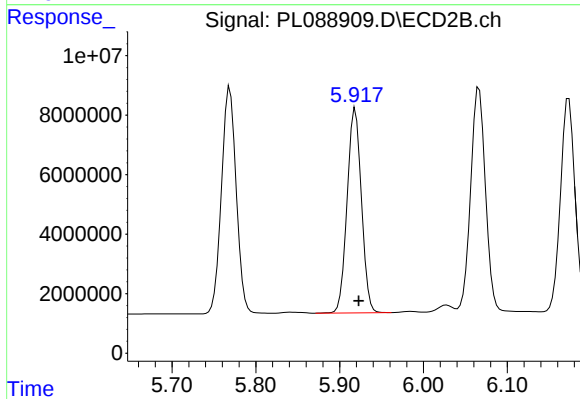
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 92949441
Conc: 64.64 ng/ml



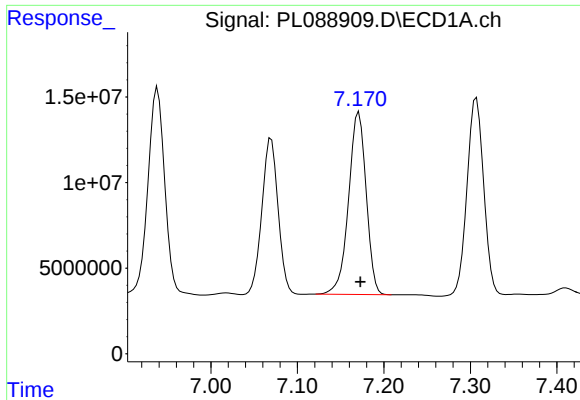
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 145726774
Conc: 57.22 ng/ml



#16 4,4'-DDD

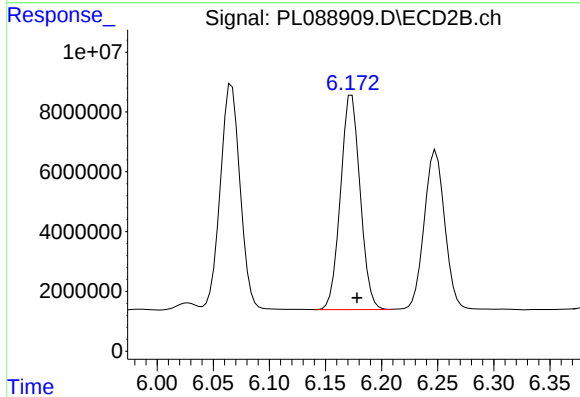
R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 81669394
Conc: 65.58 ng/ml



#17 4,4'-DDT

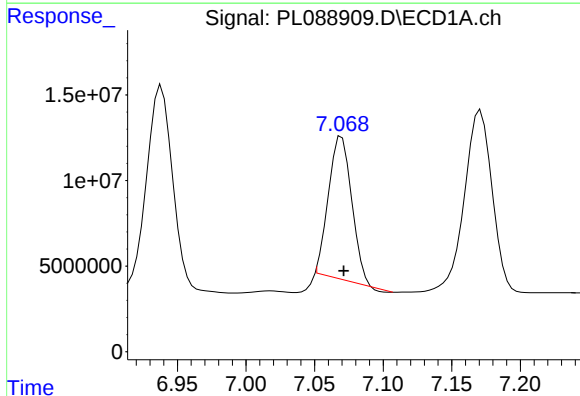
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 150081839
Conc: 56.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



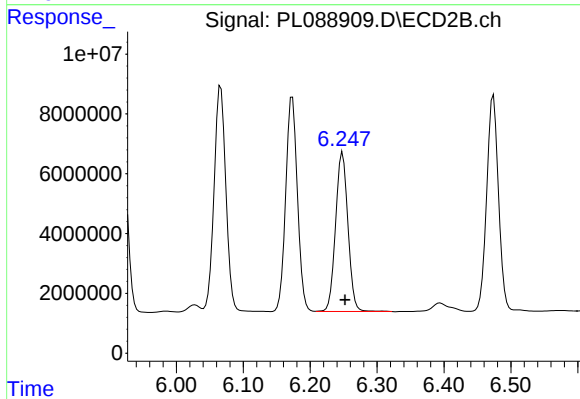
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.005 min
Response: 87387050
Conc: 65.11 ng/ml



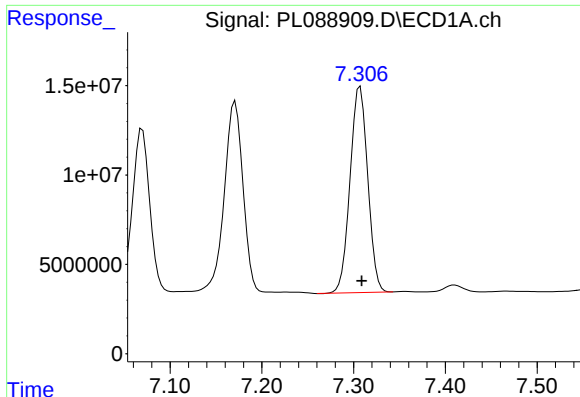
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 97763159
Conc: 46.83 ng/ml



#18 Endrin aldehyde

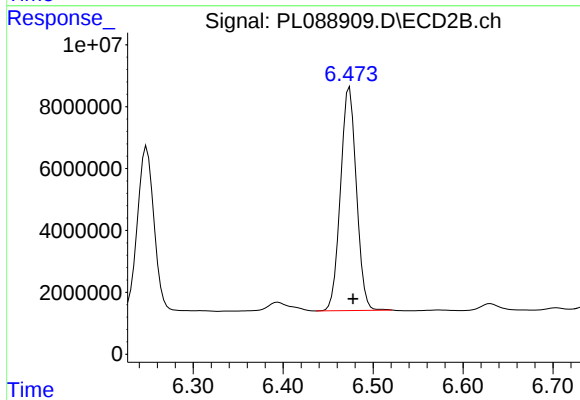
R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 68199856
Conc: 65.08 ng/ml



#19 Endosulfan Sulfate

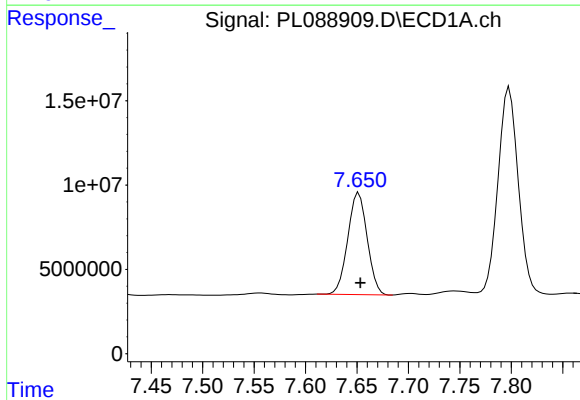
R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 154434679
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



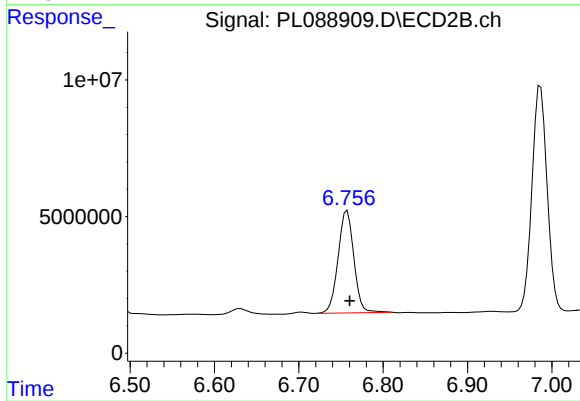
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 88748566
Conc: 63.97 ng/ml



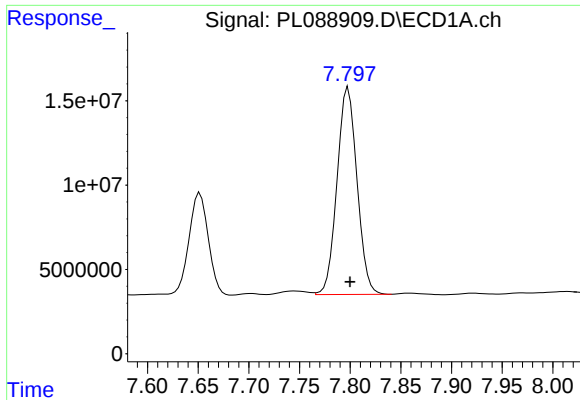
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 79290641
Conc: 52.63 ng/ml



#20 Methoxychlor

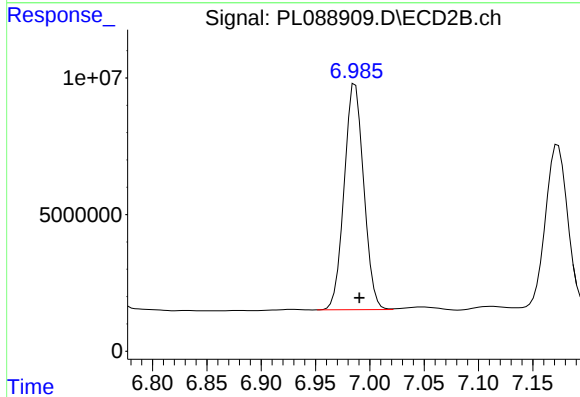
R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 48704979
Conc: 60.72 ng/ml



#21 Endrin ketone

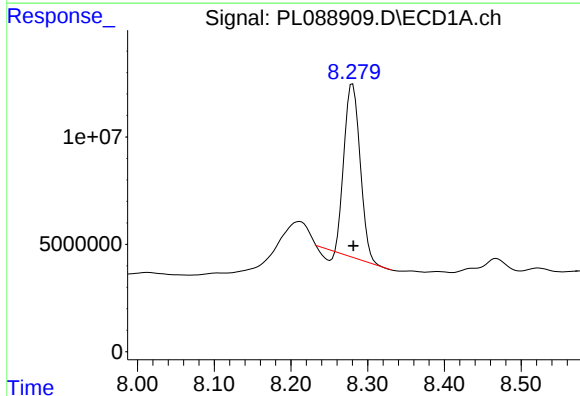
R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 168421368
Conc: 56.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



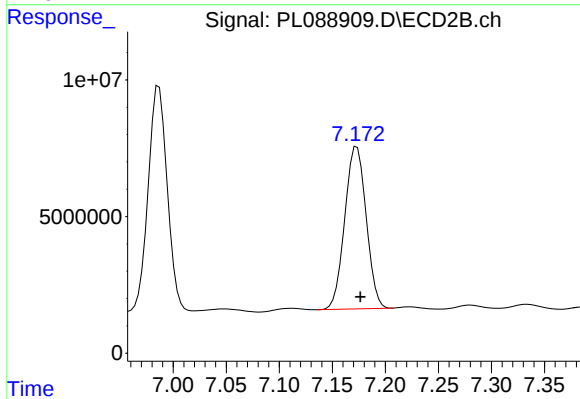
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 103626111
Conc: 62.78 ng/ml



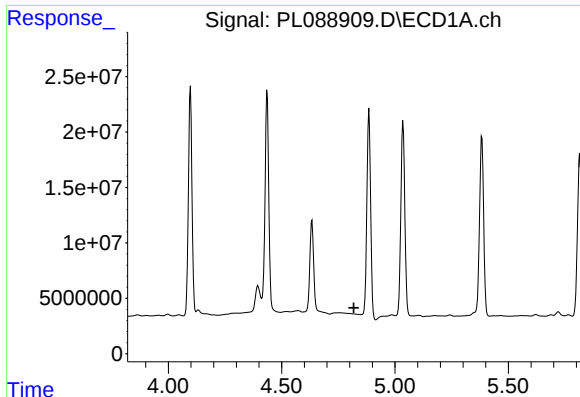
#22 Mirex

R.T.: 8.280 min
Delta R.T.: -0.001 min
Response: 114031846
Conc: 48.64 ng/ml



#22 Mirex

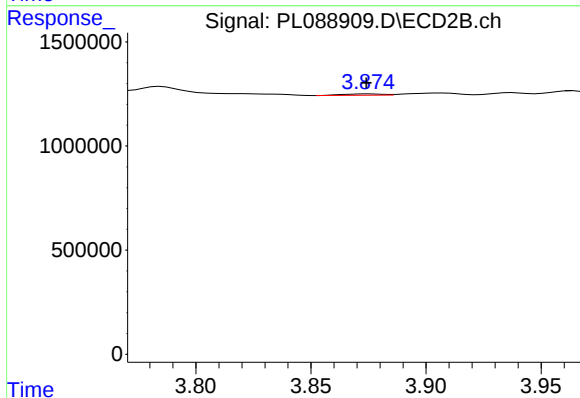
R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 83353488
Conc: 61.82 ng/ml



#23 Chlordane-1

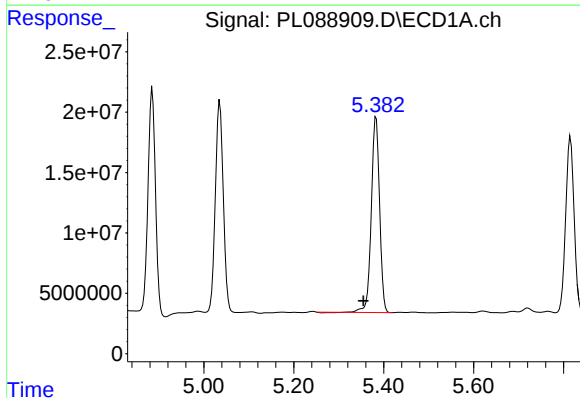
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



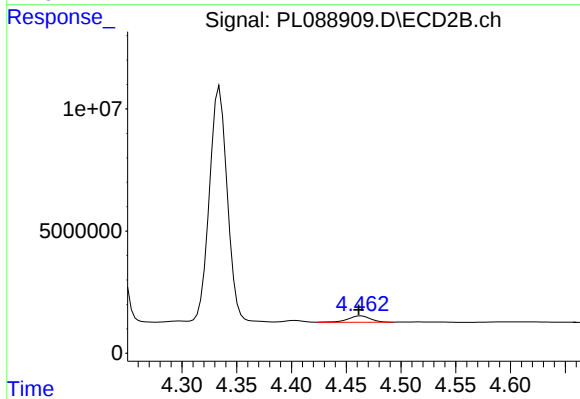
#23 Chlordane-1

R.T.: 3.875 min
Delta R.T.: 0.001 min
Response: 81781
Conc: 1.68 ng/ml



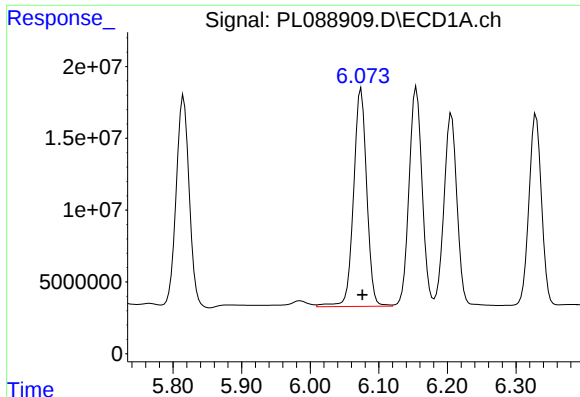
#24 Chlordane-2

R.T.: 5.383 min
Delta R.T.: 0.028 min
Response: 206950572
Conc: 1574.15 ng/ml



#24 Chlordane-2

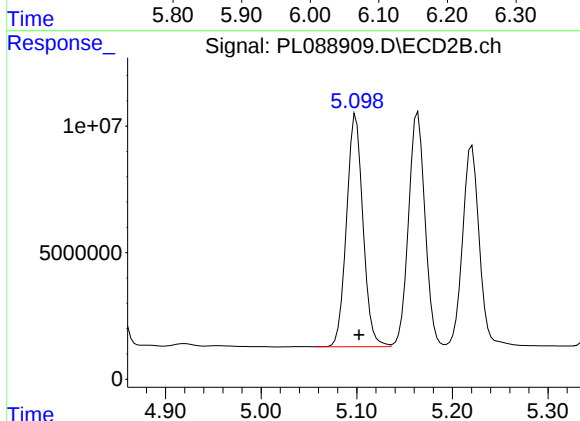
R.T.: 4.464 min
Delta R.T.: 0.002 min
Response: 3698536
Conc: 60.92 ng/ml



#25 Chlordane-3

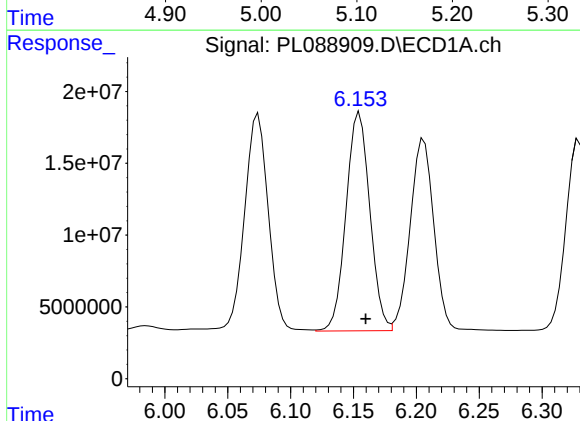
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 202862680
Conc: 407.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



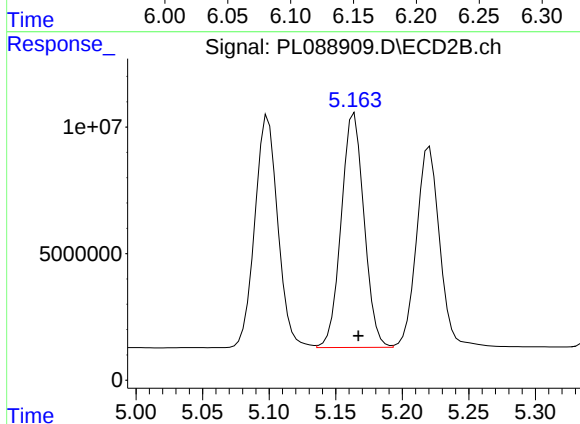
#25 Chlordane-3

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 110165778
Conc: 645.49 ng/ml



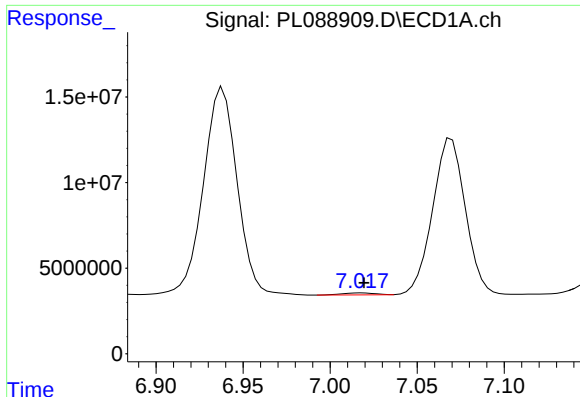
#26 Chlordane-4

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 200511362
Conc: 334.26 ng/ml



#26 Chlordane-4

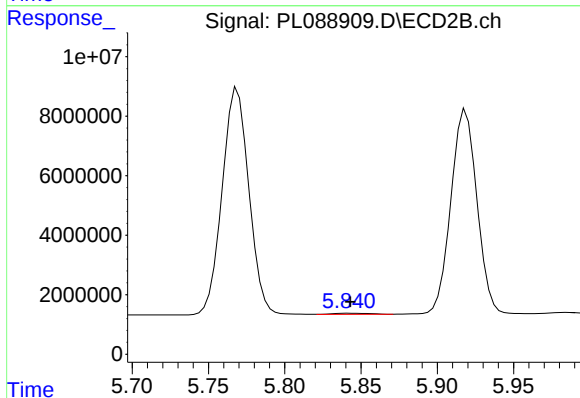
R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 110588594
Conc: 693.17 ng/ml



#27 Chlordane-5

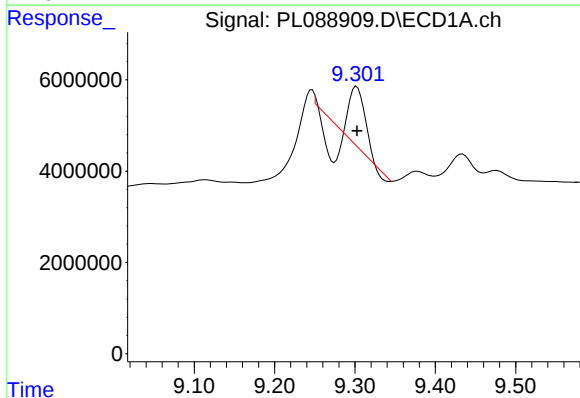
R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 1441571
Conc: 13.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR200010MSD



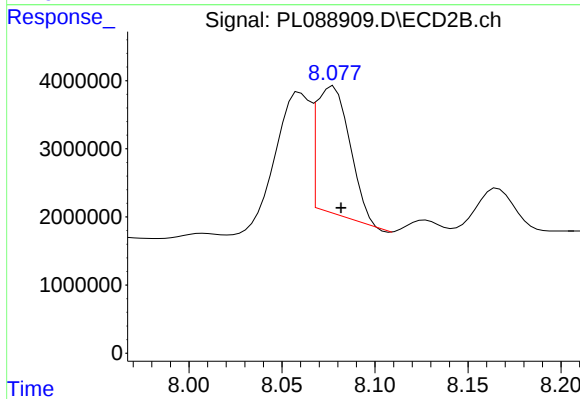
#27 Chlordane-5

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 657151
Conc: 12.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 9148723
Conc: 3.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 23437594
Conc: 17.29 ng/ml