

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060721\
 Data File : PL067156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2021 21:03
 Operator : AR\AJ
 Sample : M2589-21MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

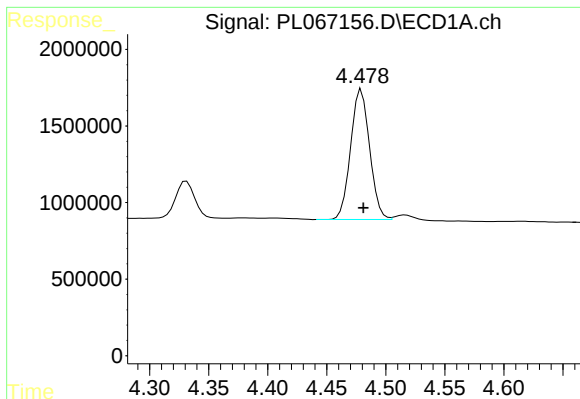
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 03:24:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 02 14:20:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.479	5.529	9533306	17816949	23.280	27.542
28)	SA Decachlor...	10.220	11.425	13253737	19749420	20.497	23.670
Target Compounds							
2)	A alpha-BHC	5.179	6.110	34384413	60007028	65.016	76.018
3)	MA gamma-BHC...	5.598	6.505	34227411	57685326	61.451	76.141
4)	MA Heptachlor	6.010	7.152	33625239	53916914	64.009	76.443
5)	MB Aldrin	6.331	7.522	32231778	48511923	58.931	66.418
6)	B beta-BHC	5.981	6.760	16329174	27799565	61.305	73.718
7)	B delta-BHC	6.238	7.026	30780321	51351331	58.015	67.628
8)	B Heptachlo...	6.904	7.988	32421417	48809671	61.121	69.903
9)	A Endosulfan I	7.303	8.393	31390860	45307056	59.704	70.827
10)	B gamma-Chl...	7.183	8.257	33435244	49189535	58.355	69.264
11)	B alpha-Chl...	7.251	8.338	33722797	49188524	58.649	69.242
12)	B 4,4'-DDE	7.469	8.527	31419727	45090431	58.848	68.978
13)	MA Dieldrin	7.589	8.682	33706928	47390997	60.445	71.696
14)	MA Endrin	7.875	8.920	31949465	40302443	61.693	71.359
15)	B Endosulfa...	8.185	9.155	30103870	41950513	58.105	68.006
16)	A 4,4'-DDD	8.050	9.066	27254744	37105377	60.152	68.662
17)	MA 4,4'-DDT	8.310	9.383	28591540	37483865	62.022	71.882
18)	B Endrin al...	8.373	9.289	25863266	35725920	56.184	65.659
19)	B Endosulfa...	8.604	9.527	30928198	41656467	55.985	66.950
20)	A Methoxychlor	8.903	9.869	17696895	22252458	59.363	70.059
21)	B Endrin ke...	9.114	10.023	38150851	48908470	59.612	67.454
22)	Mirex	9.300	10.489	29726539	38340579	51.387	59.569
24)	Chlordane-2	6.484	7.522f	435621	48511923	19.935	1647.423 #
25)	Chlordane-3	7.183	8.257	33435244	49189535	573.932	469.894
26)	Chlordane-4	7.251	8.338	33722797	49188524	528.310	385.898 #
27)	Chlordane-5	8.185	0.000	30103870	0	1595.430	N.D. #

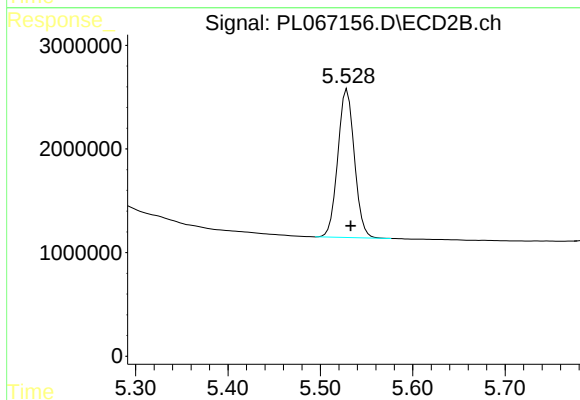
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

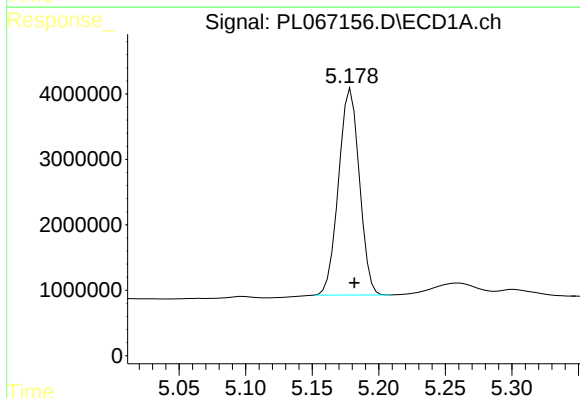
R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 9533306
Conc: 23.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



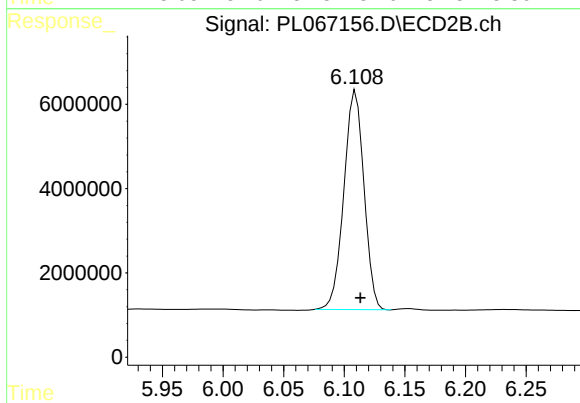
#1 Tetrachloro-m-xylene

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 17816949
Conc: 27.54 ng/ml



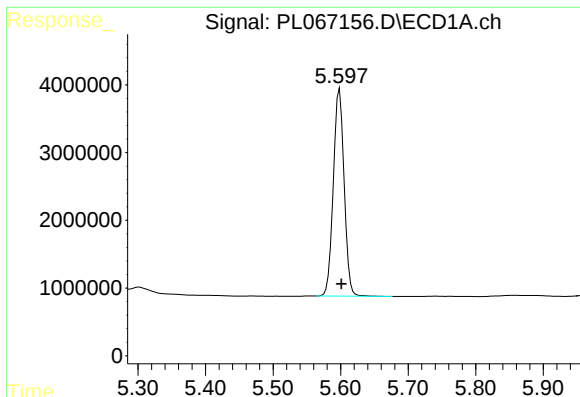
#2 alpha-BHC

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 34384413
Conc: 65.02 ng/ml



#2 alpha-BHC

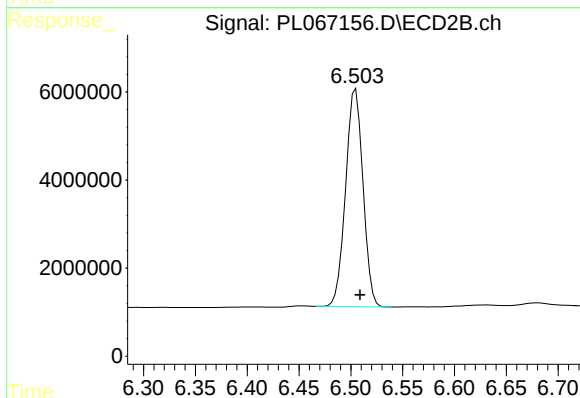
R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 60007028
Conc: 76.02 ng/ml



#3 gamma-BHC (Lindane)

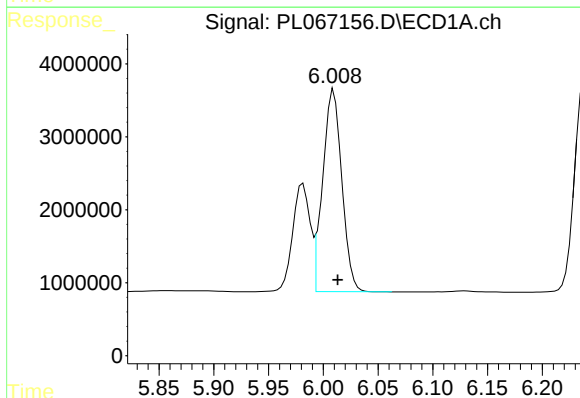
R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 34227411
Conc: 61.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



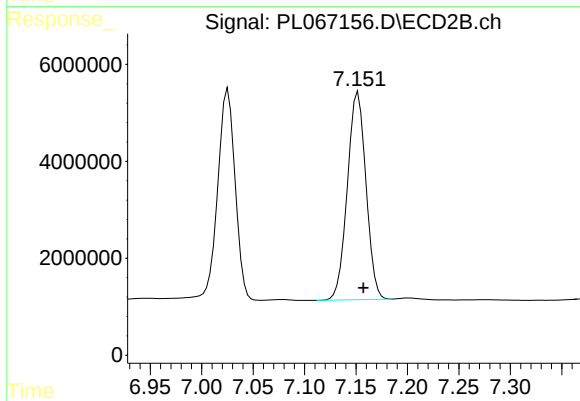
#3 gamma-BHC (Lindane)

R.T.: 6.505 min
Delta R.T.: -0.004 min
Response: 57685326
Conc: 76.14 ng/ml



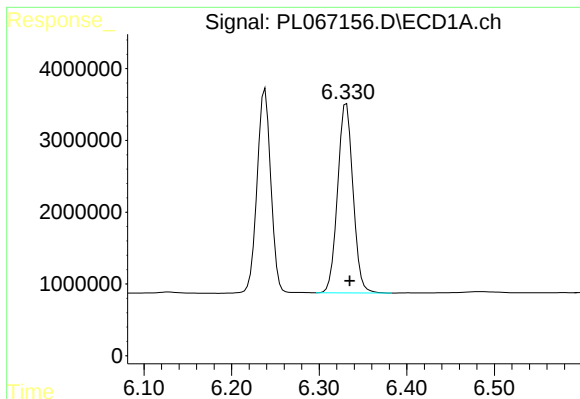
#4 Heptachlor

R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 33625239
Conc: 64.01 ng/ml



#4 Heptachlor

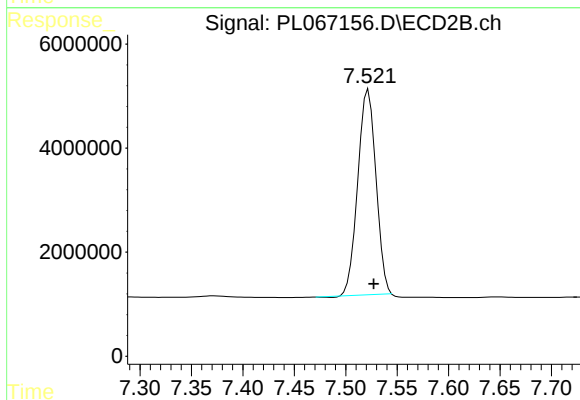
R.T.: 7.152 min
Delta R.T.: -0.005 min
Response: 53916914
Conc: 76.44 ng/ml



#5 Aldrin

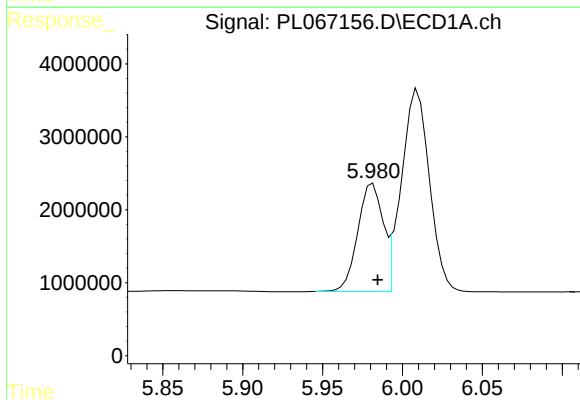
R.T.: 6.331 min
Delta R.T.: -0.004 min
Response: 32231778
Conc: 58.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



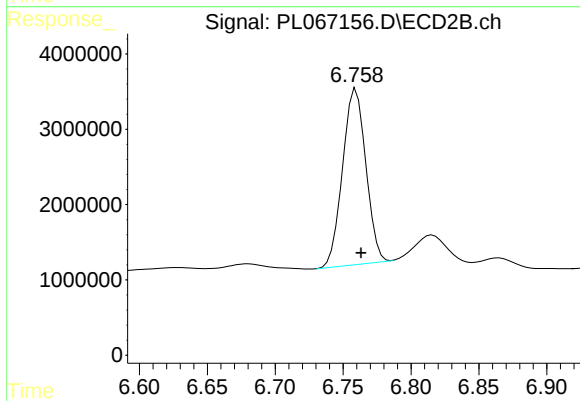
#5 Aldrin

R.T.: 7.522 min
Delta R.T.: -0.005 min
Response: 48511923
Conc: 66.42 ng/ml



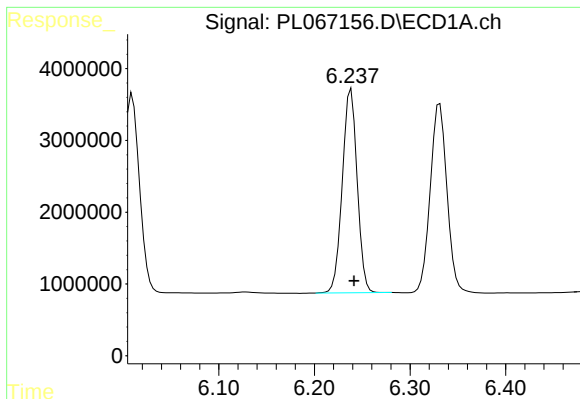
#6 beta-BHC

R.T.: 5.981 min
Delta R.T.: -0.003 min
Response: 16329174
Conc: 61.31 ng/ml



#6 beta-BHC

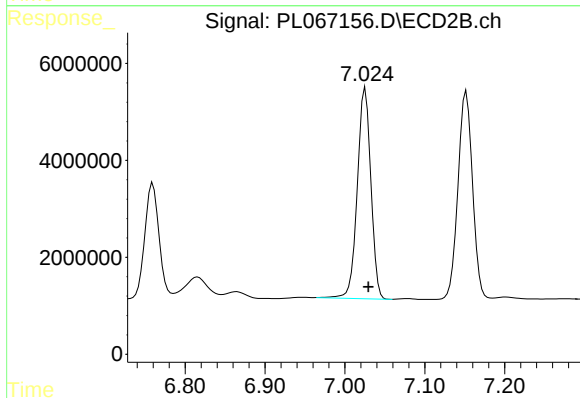
R.T.: 6.760 min
Delta R.T.: -0.004 min
Response: 27799565
Conc: 73.72 ng/ml



#7 delta-BHC

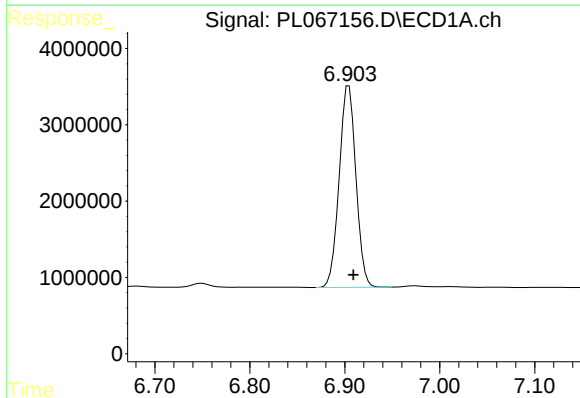
R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 30780321
Conc: 58.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



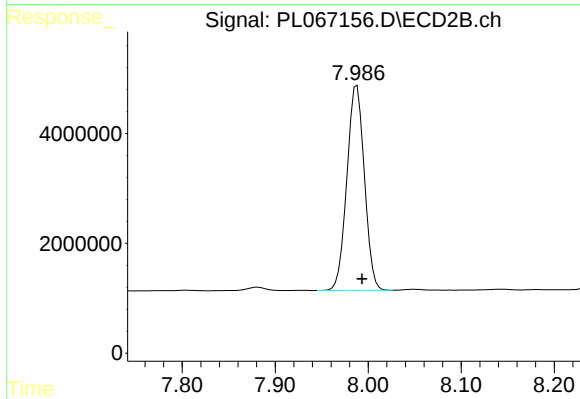
#7 delta-BHC

R.T.: 7.026 min
Delta R.T.: -0.004 min
Response: 51351331
Conc: 67.63 ng/ml



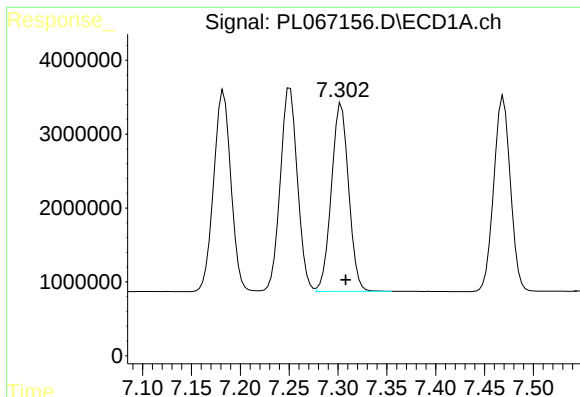
#8 Heptachlor epoxide

R.T.: 6.904 min
Delta R.T.: -0.005 min
Response: 32421417
Conc: 61.12 ng/ml



#8 Heptachlor epoxide

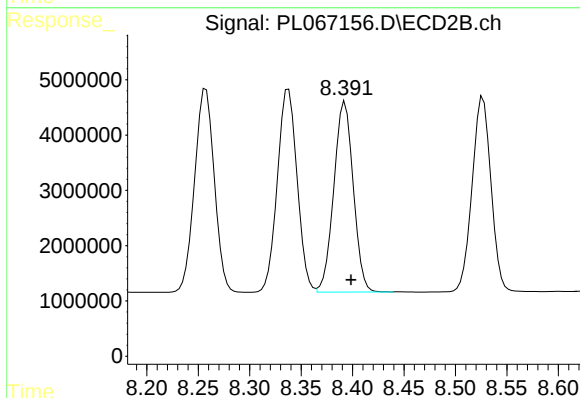
R.T.: 7.988 min
Delta R.T.: -0.006 min
Response: 48809671
Conc: 69.90 ng/ml



#9 Endosulfan I

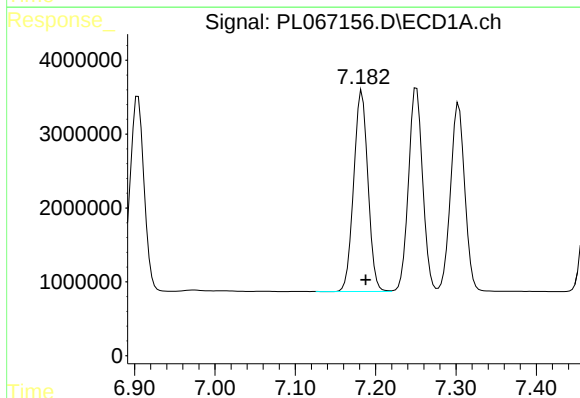
R.T.: 7.303 min
Delta R.T.: -0.005 min
Response: 31390860
Conc: 59.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



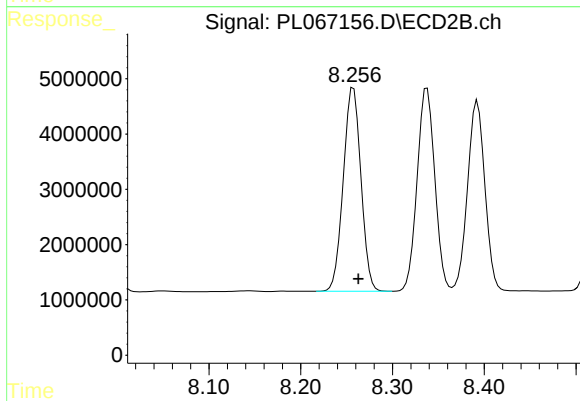
#9 Endosulfan I

R.T.: 8.393 min
Delta R.T.: -0.006 min
Response: 45307056
Conc: 70.83 ng/ml



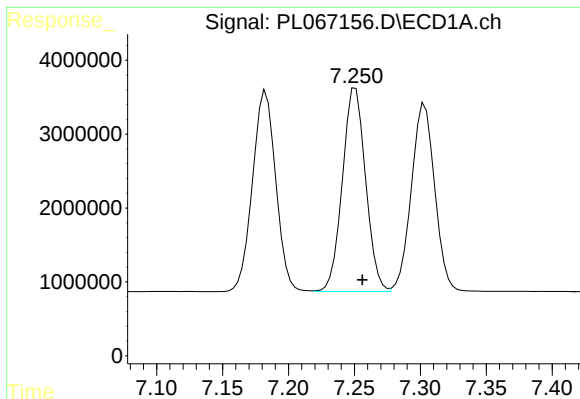
#10 gamma-Chlordane

R.T.: 7.183 min
Delta R.T.: -0.005 min
Response: 33435244
Conc: 58.35 ng/ml



#10 gamma-Chlordane

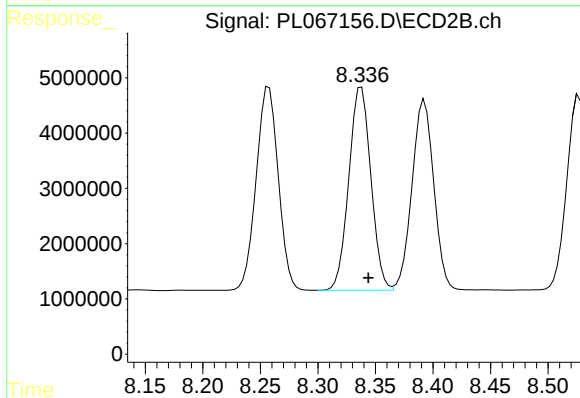
R.T.: 8.257 min
Delta R.T.: -0.005 min
Response: 49189535
Conc: 69.26 ng/ml



#11 alpha-Chlordane

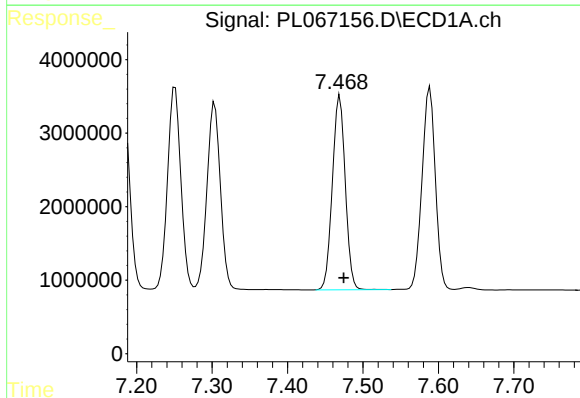
R.T.: 7.251 min
Delta R.T.: -0.005 min
Response: 33722797
Conc: 58.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



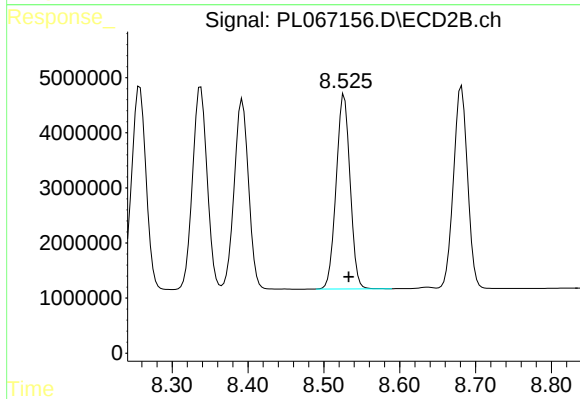
#11 alpha-Chlordane

R.T.: 8.338 min
Delta R.T.: -0.006 min
Response: 49188524
Conc: 69.24 ng/ml



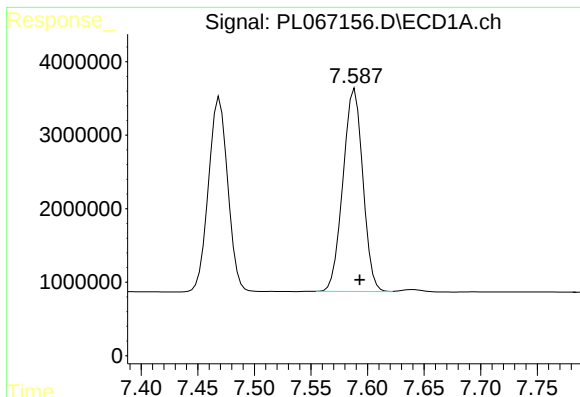
#12 4,4'-DDE

R.T.: 7.469 min
Delta R.T.: -0.005 min
Response: 31419727
Conc: 58.85 ng/ml



#12 4,4'-DDE

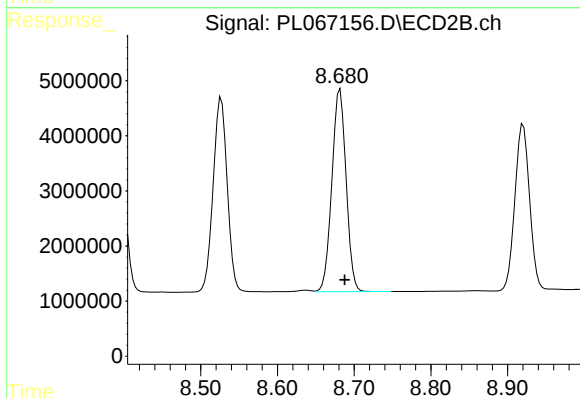
R.T.: 8.527 min
Delta R.T.: -0.006 min
Response: 45090431
Conc: 68.98 ng/ml



#13 Dieldrin

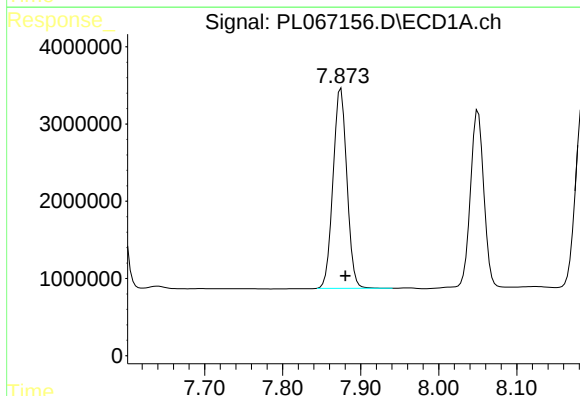
R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 33706928
Conc: 60.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



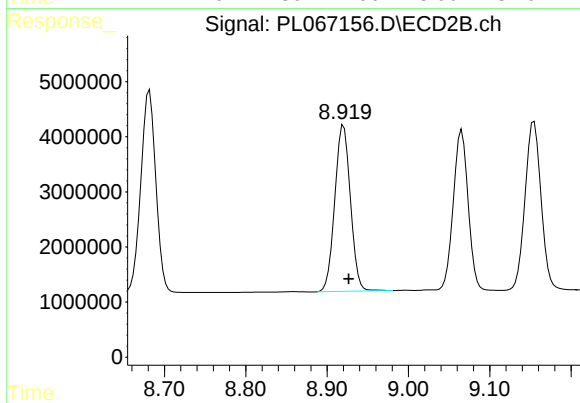
#13 Dieldrin

R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 47390997
Conc: 71.70 ng/ml



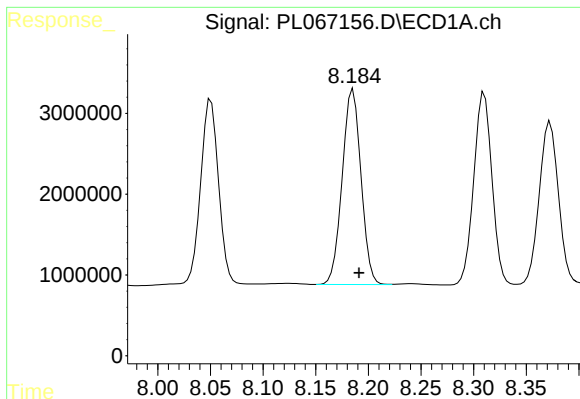
#14 Endrin

R.T.: 7.875 min
Delta R.T.: -0.006 min
Response: 31949465
Conc: 61.69 ng/ml



#14 Endrin

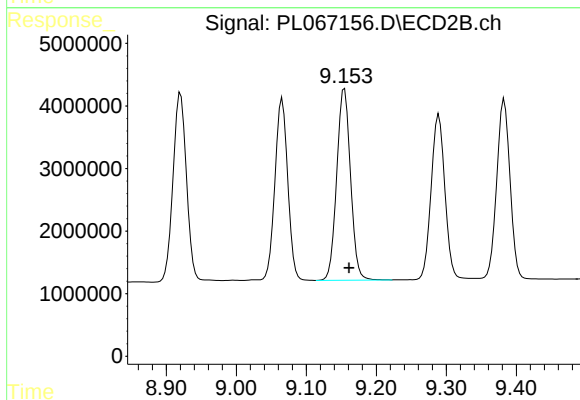
R.T.: 8.920 min
Delta R.T.: -0.006 min
Response: 40302443
Conc: 71.36 ng/ml



#15 Endosulfan II

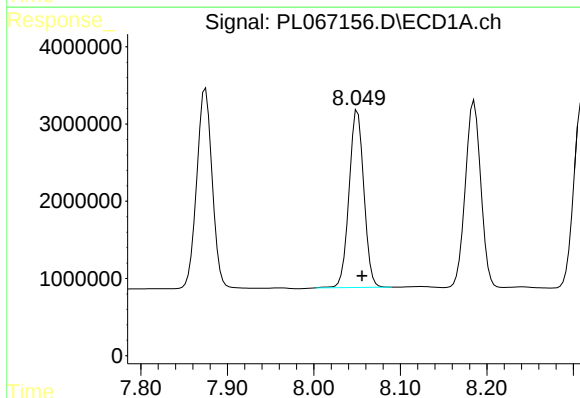
R.T.: 8.185 min
Delta R.T.: -0.006 min
Response: 30103870
Conc: 58.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



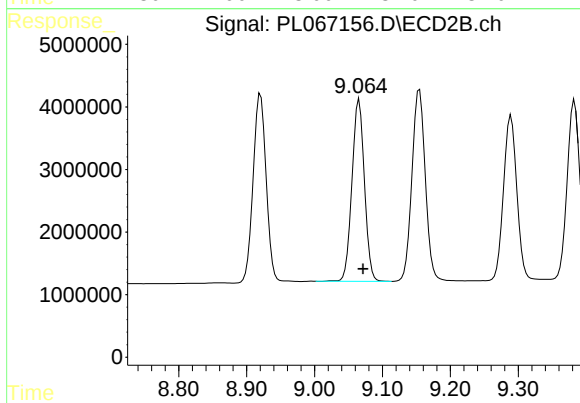
#15 Endosulfan II

R.T.: 9.155 min
Delta R.T.: -0.006 min
Response: 41950513
Conc: 68.01 ng/ml



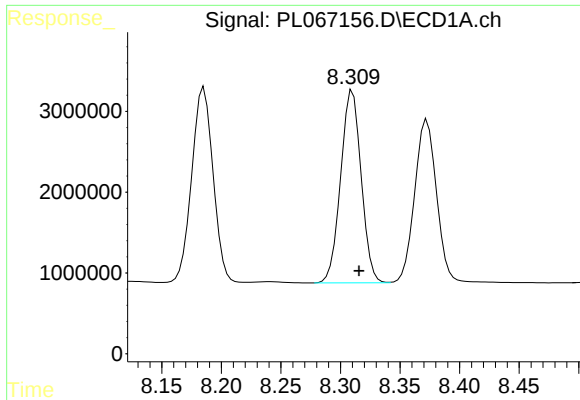
#16 4,4'-DDD

R.T.: 8.050 min
Delta R.T.: -0.005 min
Response: 27254744
Conc: 60.15 ng/ml



#16 4,4'-DDD

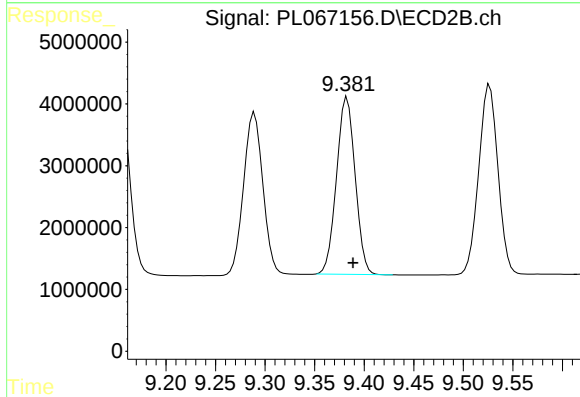
R.T.: 9.066 min
Delta R.T.: -0.006 min
Response: 37105377
Conc: 68.66 ng/ml



#17 4,4'-DDT

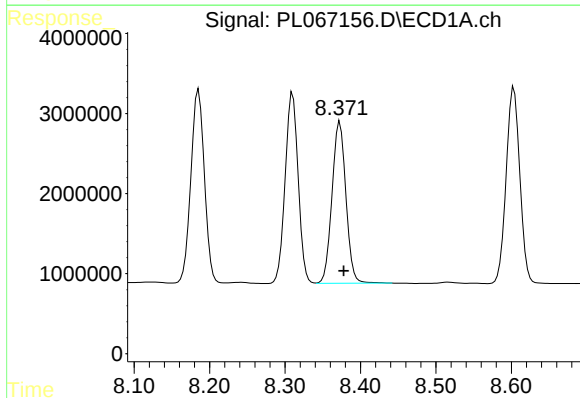
R.T.: 8.310 min
Delta R.T.: -0.005 min
Response: 28591540
Conc: 62.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



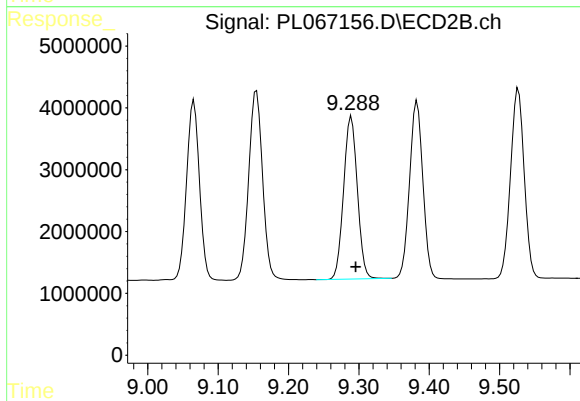
#17 4,4'-DDT

R.T.: 9.383 min
Delta R.T.: -0.006 min
Response: 37483865
Conc: 71.88 ng/ml



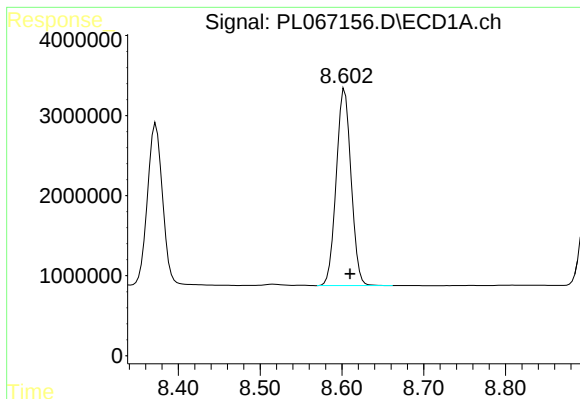
#18 Endrin aldehyde

R.T.: 8.373 min
Delta R.T.: -0.005 min
Response: 25863266
Conc: 56.18 ng/ml



#18 Endrin aldehyde

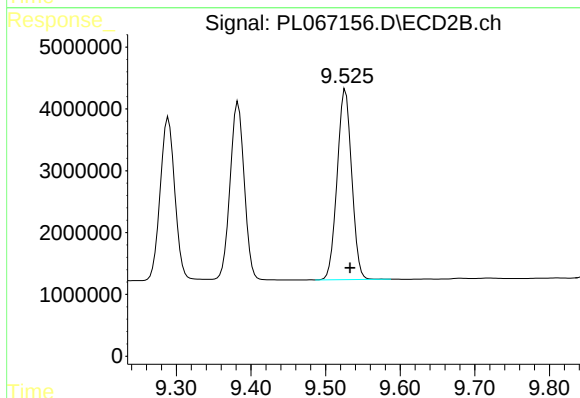
R.T.: 9.289 min
Delta R.T.: -0.006 min
Response: 35725920
Conc: 65.66 ng/ml



#19 Endosulfan Sulfate

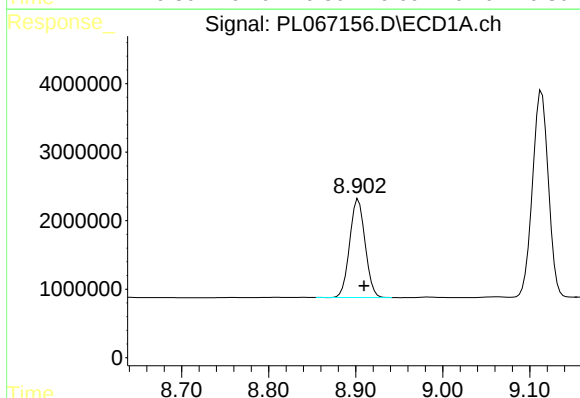
R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 30928198
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



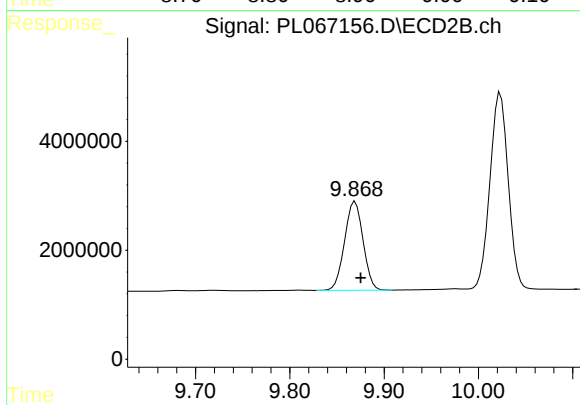
#19 Endosulfan Sulfate

R.T.: 9.527 min
Delta R.T.: -0.006 min
Response: 41656467
Conc: 66.95 ng/ml



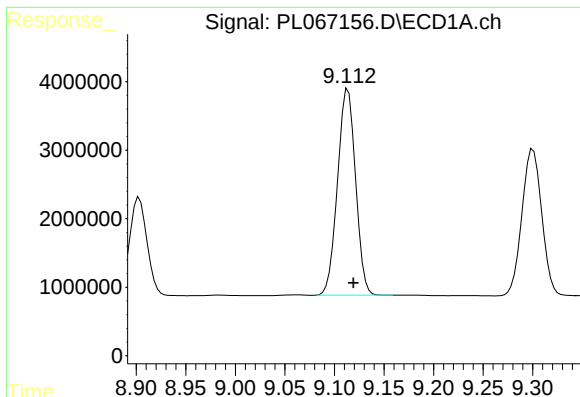
#20 Methoxychlor

R.T.: 8.903 min
Delta R.T.: -0.006 min
Response: 17696895
Conc: 59.36 ng/ml



#20 Methoxychlor

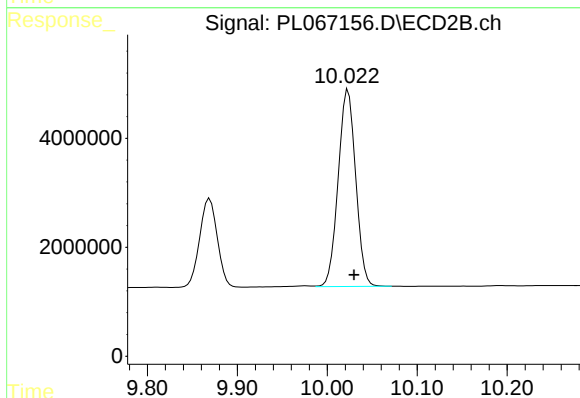
R.T.: 9.869 min
Delta R.T.: -0.006 min
Response: 22252458
Conc: 70.06 ng/ml



#21 Endrin ketone

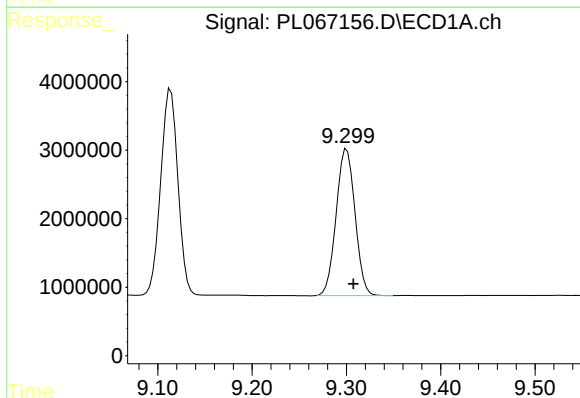
R.T.: 9.114 min
Delta R.T.: -0.006 min
Response: 38150851
Conc: 59.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



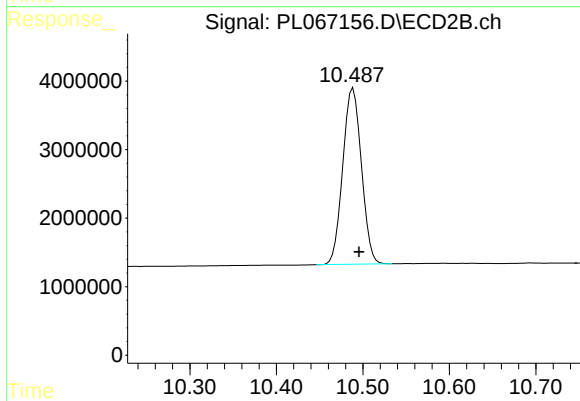
#21 Endrin ketone

R.T.: 10.023 min
Delta R.T.: -0.007 min
Response: 48908470
Conc: 67.45 ng/ml



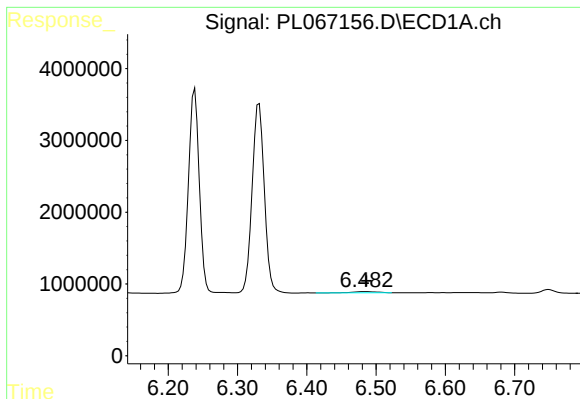
#22 Mirex

R.T.: 9.300 min
Delta R.T.: -0.007 min
Response: 29726539
Conc: 51.39 ng/ml



#22 Mirex

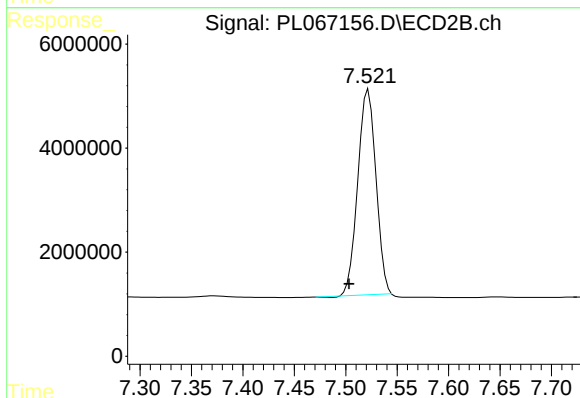
R.T.: 10.489 min
Delta R.T.: -0.007 min
Response: 38340579
Conc: 59.57 ng/ml



#24 Chlordane-2

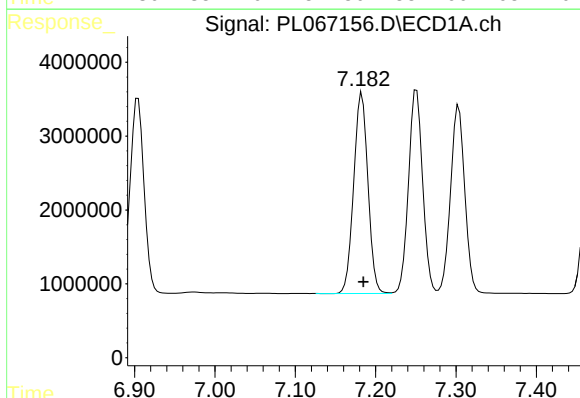
R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 435621
Conc: 19.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



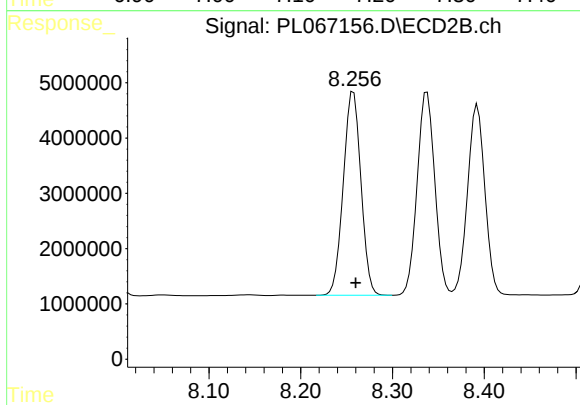
#24 Chlordane-2

R.T.: 7.522 min
Delta R.T.: 0.019 min
Response: 48511923
Conc: 1647.42 ng/ml



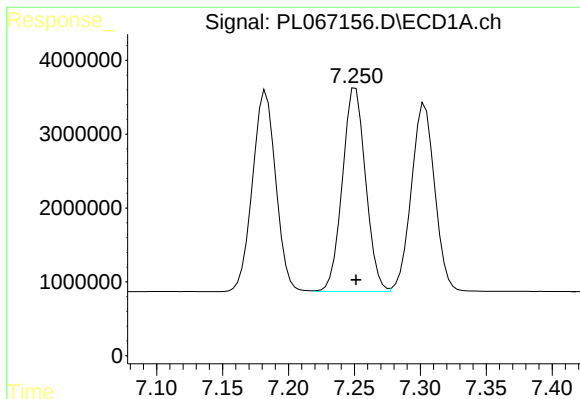
#25 Chlordane-3

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 33435244
Conc: 573.93 ng/ml



#25 Chlordane-3

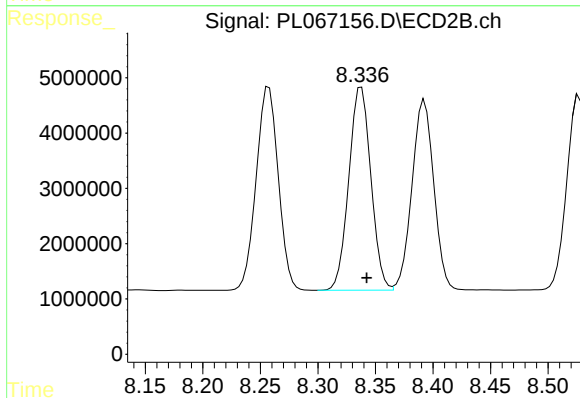
R.T.: 8.257 min
Delta R.T.: -0.002 min
Response: 49189535
Conc: 469.89 ng/ml



#26 Chlordane-4

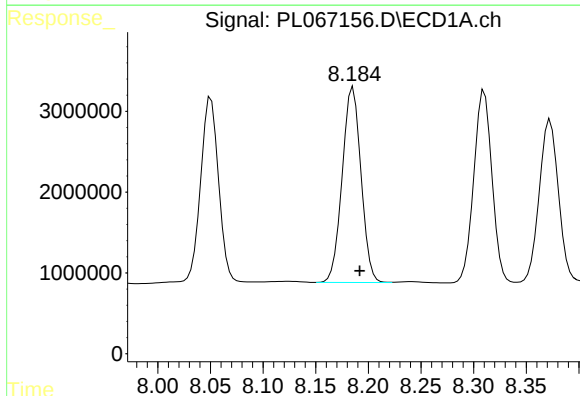
R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 33722797
Conc: 528.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



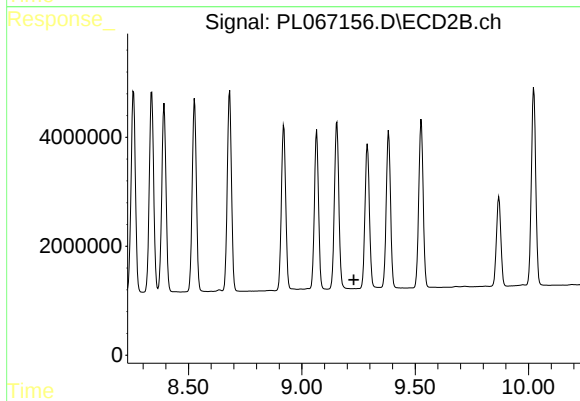
#26 Chlordane-4

R.T.: 8.338 min
Delta R.T.: -0.005 min
Response: 49188524
Conc: 385.90 ng/ml



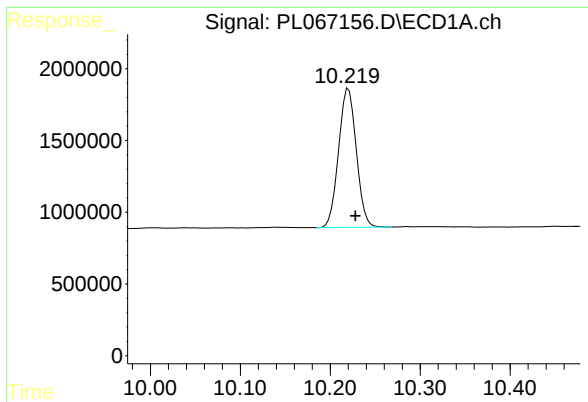
#27 Chlordane-5

R.T.: 8.185 min
Delta R.T.: -0.006 min
Response: 30103870
Conc: 1595.43 ng/ml



#27 Chlordane-5

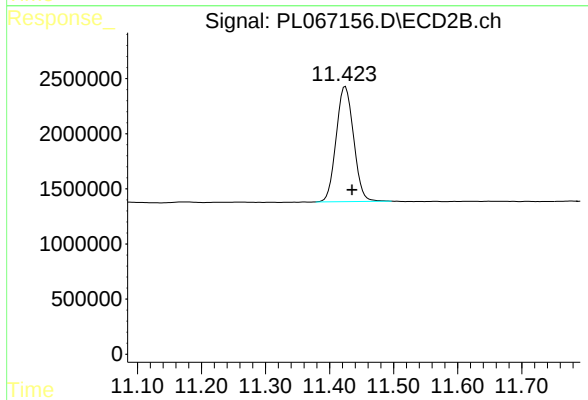
R.T.: 0.000 min
Exp R.T.: 9.229 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.220 min
Delta R.T.: -0.008 min
Response: 13253737
Conc: 20.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.425 min
Delta R.T.: -0.010 min
Response: 19749420
Conc: 23.67 ng/ml