

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011725AL\
 Data File : FG015114.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2025 11:45
 Operator : YP\AJ
 Sample : Q1098-01DL 50X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 18 03:47:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.942	214122	1.370 ug/ml
Spiked Amount 50.000		Recovery =	2.74%
12) S 1-chlorooctadecane (S...	13.390	219658	1.804 ug/ml
Spiked Amount 50.000		Recovery =	3.61%
Target Compounds			
10) T n-Eicosane (C20)	12.942	77919	0.543 ug/ml
11) T n-Heneicosane (C21)	13.558	97319	0.688 ug/ml
13) T n-Docosane (C22)	14.146	135415	0.963 ug/ml
14) T n-Tetracosane (C24)	15.256	69806	0.502 ug/ml
15) T n-Hexacosane (C26)	16.283	108510	0.801 ug/ml
16) T n-Octacosane (C28)	17.217	156814	1.192 ug/ml
17) T n-Tricontane (C30)	18.122	203497	1.534 ug/ml
19) T n-Tetratriacontane (C34)	19.746	35768	0.328 ug/ml
22) T n-Tetracontane (C40)	22.235f	43244	0.510 ug/ml

(f)=RT Delta > 1/2 Window

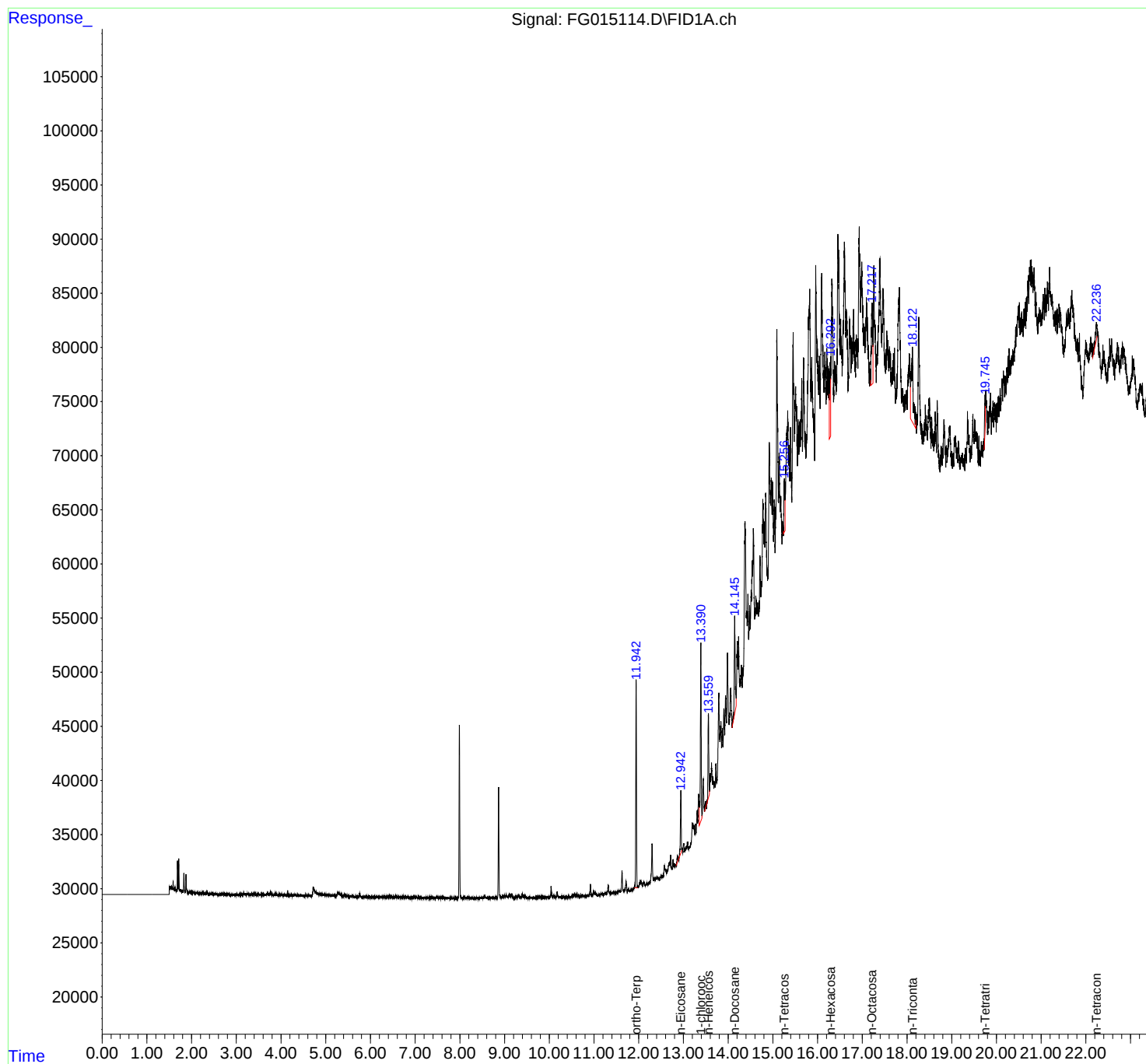
(m)=manual int.

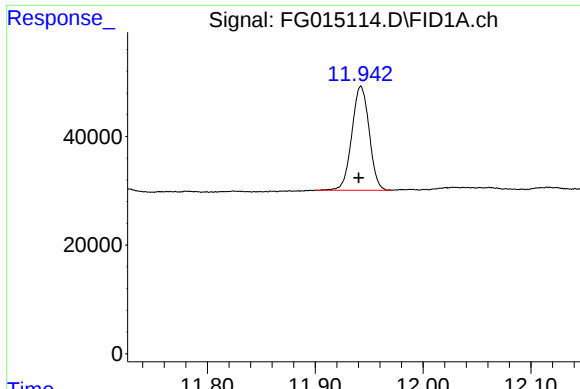
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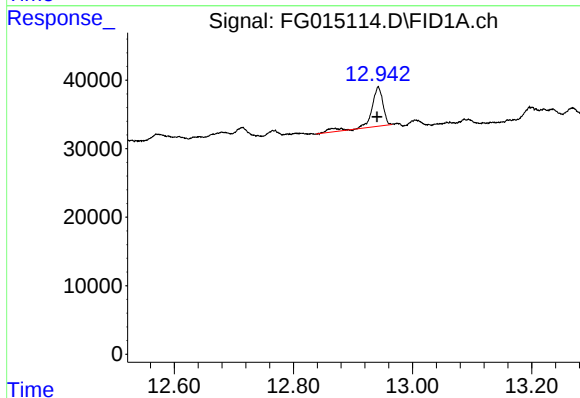




#9 ortho-Terphenyl (SURR)

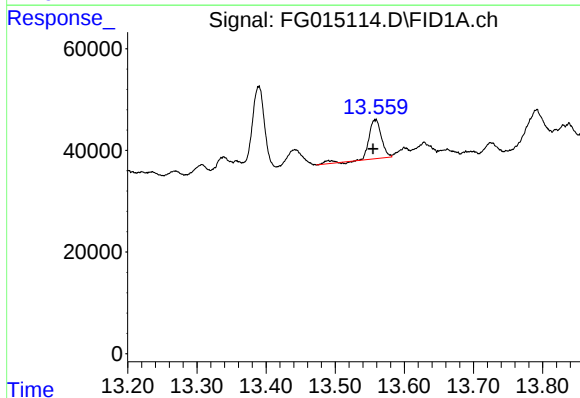
R.T.: 11.942 min
Delta R.T.: 0.002 min
Response: 214122
Conc: 1.37 ug/ml

Instrument :
FID_G
ClientSampleId :



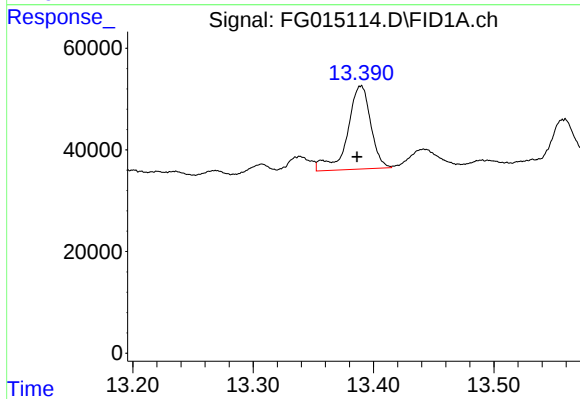
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.002 min
Response: 77919
Conc: 0.54 ug/ml



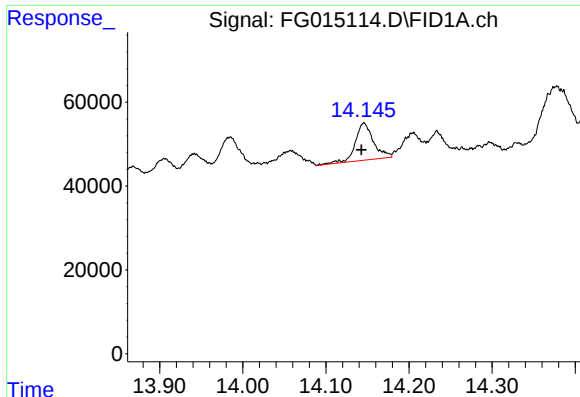
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: 0.004 min
Response: 97319
Conc: 0.69 ug/ml



#12 1-chlorooctadecane (SURR)

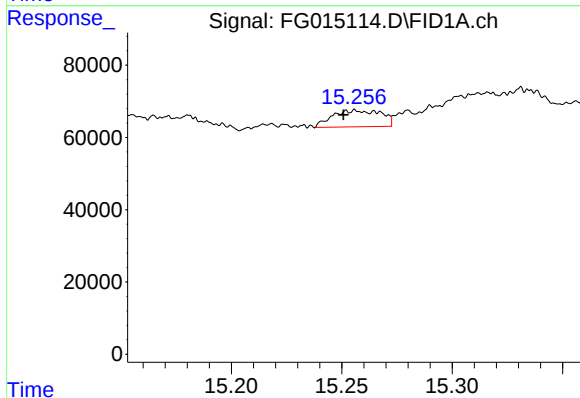
R.T.: 13.390 min
Delta R.T.: 0.003 min
Response: 219658
Conc: 1.80 ug/ml



#13 n-Docosane (C22)

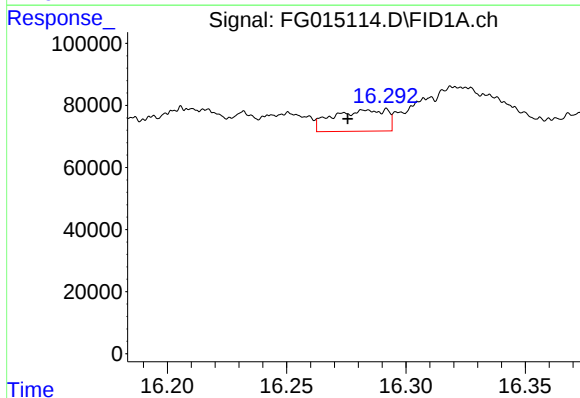
R.T.: 14.146 min
Delta R.T.: 0.003 min
Response: 135415
Conc: 0.96 ug/ml

Instrument :
FID_G
ClientSampleId :



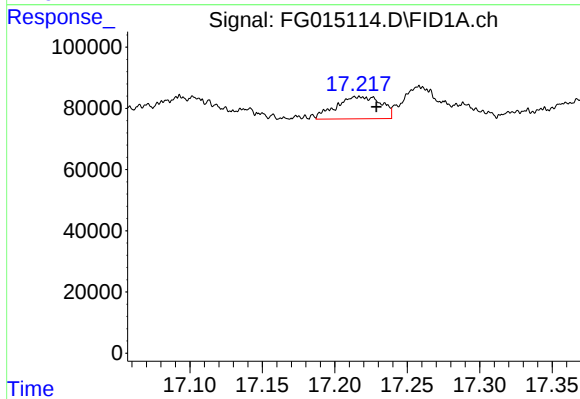
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: 0.006 min
Response: 69806
Conc: 0.50 ug/ml



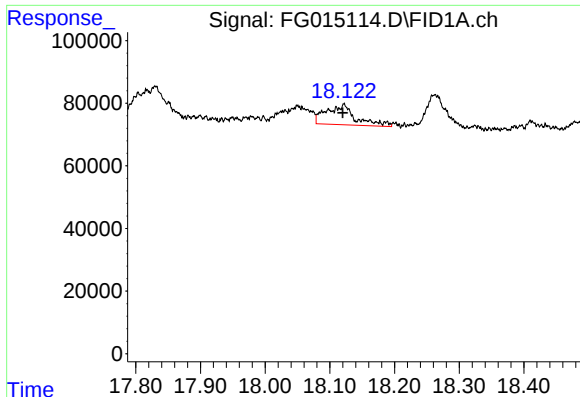
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: 0.008 min
Response: 108510
Conc: 0.80 ug/ml



#16 n-Octacosane (C28)

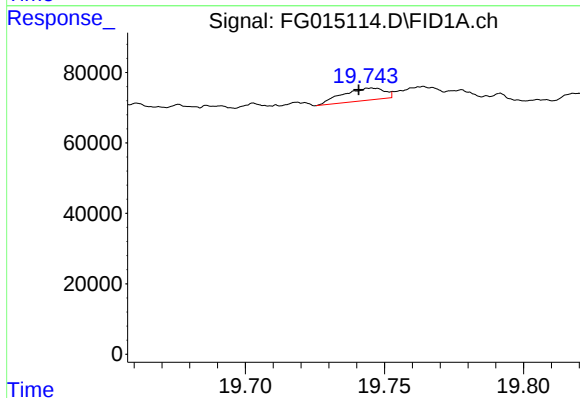
R.T.: 17.217 min
Delta R.T.: -0.012 min
Response: 156814
Conc: 1.19 ug/ml



#17 n-Tricontane (C30)

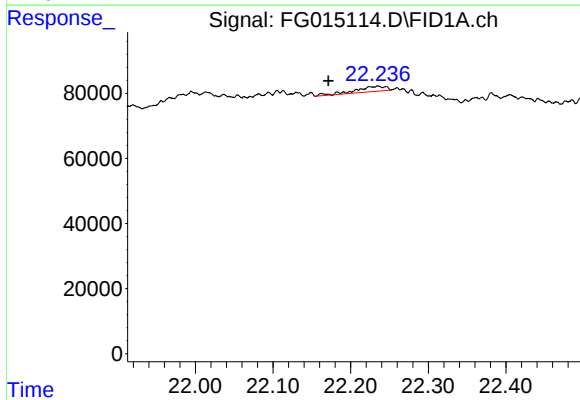
R.T.: 18.122 min
Delta R.T.: 0.002 min
Response: 203497
Conc: 1.53 ug/ml

Instrument :
FID_G
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.746 min
Delta R.T.: 0.005 min
Response: 35768
Conc: 0.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.235 min
Delta R.T.: 0.064 min
Response: 43244
Conc: 0.51 ug/ml