

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060925AL\
 Data File : FG015989.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2025 11:46
 Operator : YP\AJ
 Sample : Q2225-01DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 09 12:10:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.874	807085	5.421 ug/ml
Spiked Amount 50.000		Recovery =	10.84%
12) S 1-chlorooctadecane (S...	13.319	620353	5.385 ug/ml
Spiked Amount 50.000		Recovery =	10.77%
Target Compounds			
6) T n-Tetradecane (C14)	8.497	41671	0.362 ug/ml
10) T n-Eicosane (C20)	12.945f	209968	1.713 ug/ml
14) T n-Tetracosane (C24)	15.184	93360	0.771 ug/ml
17) T n-Tricontane (C30)	18.042	108005	0.909 ug/ml
18) T n-Dotriacontane (C32)	18.886	58017	0.491 ug/ml
19) T n-Tetratriacontane (C34)	19.699	36858	0.330 ug/ml
20) T n-Hexatriacontane (C36)	20.406	29773	0.275 ug/ml
22) T n-Tetracontane (C40)	22.056	47852	0.469 ug/ml

(f)=RT Delta > 1/2 Window

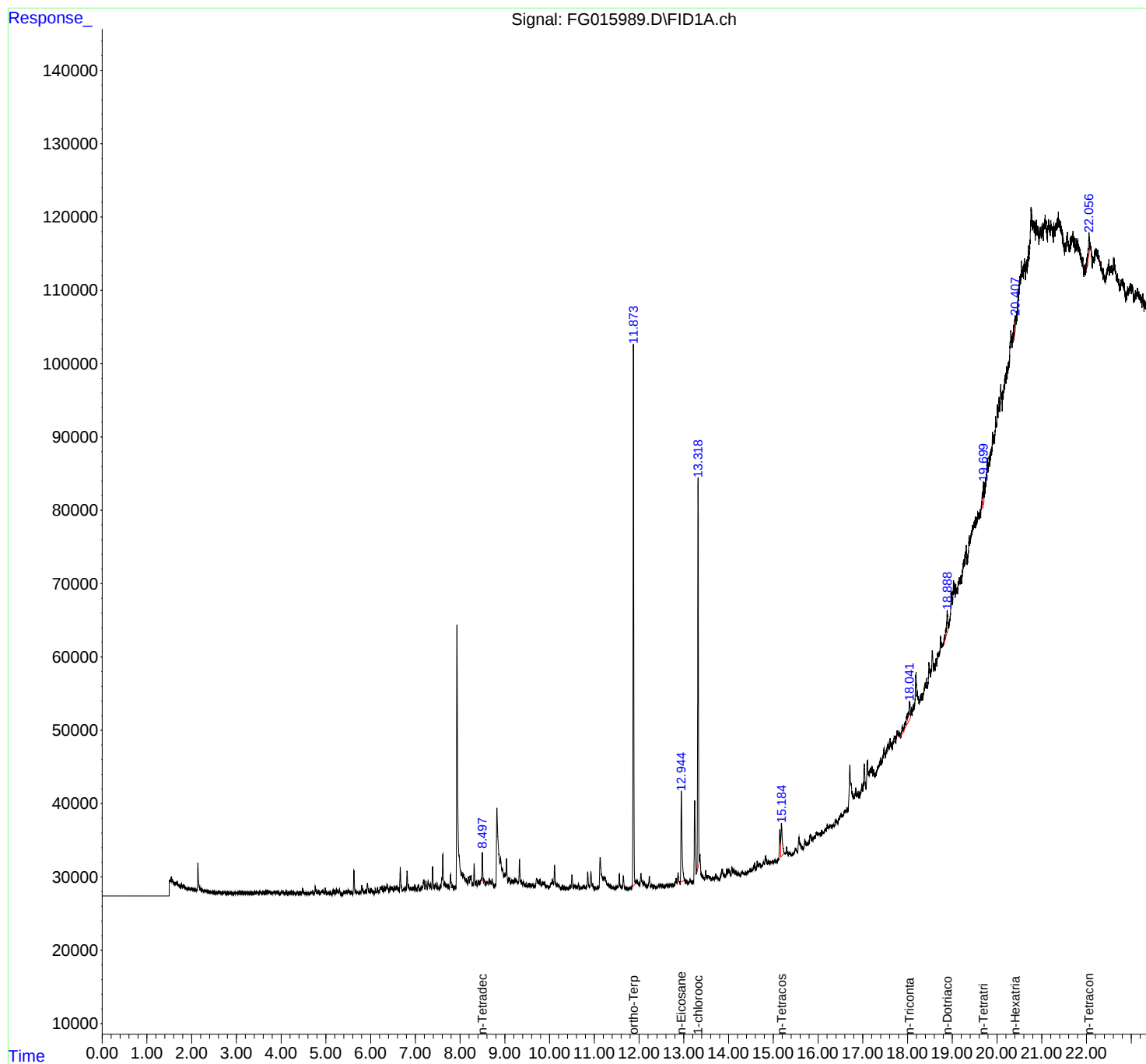
(m)=manual int.

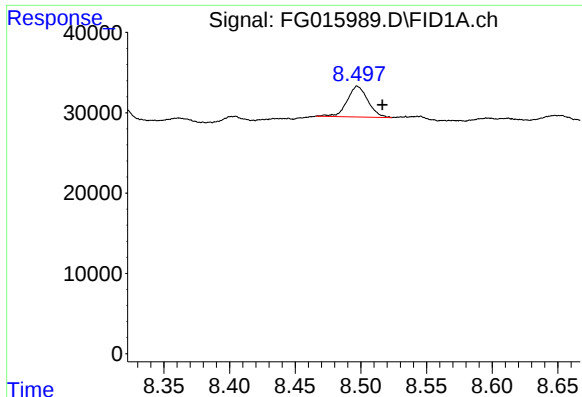
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Signal Info : 20M x 0.18mm x 0.18um

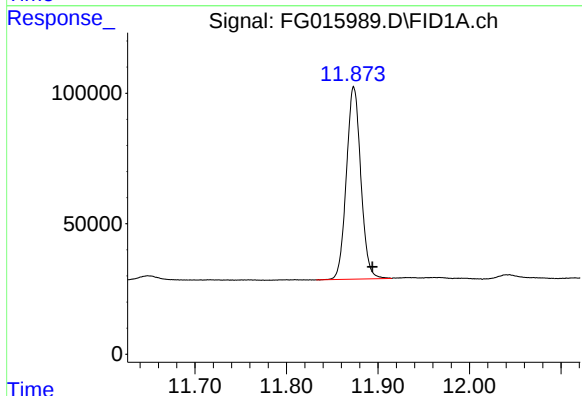




#6 n-Tetradecane (C14)

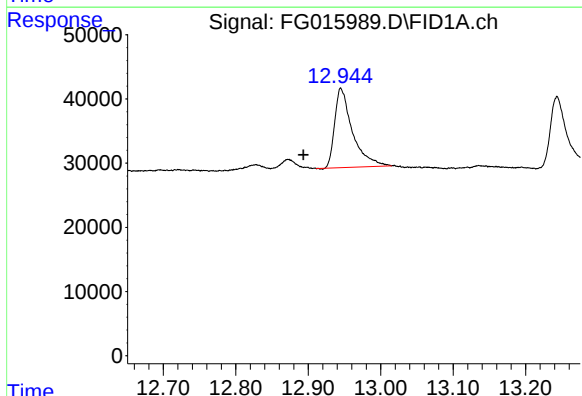
R.T.: 8.497 min
Delta R.T.: -0.019 min
Response: 41671
Conc: 0.36 ug/ml

Instrument :
FID_G
ClientSampleId :



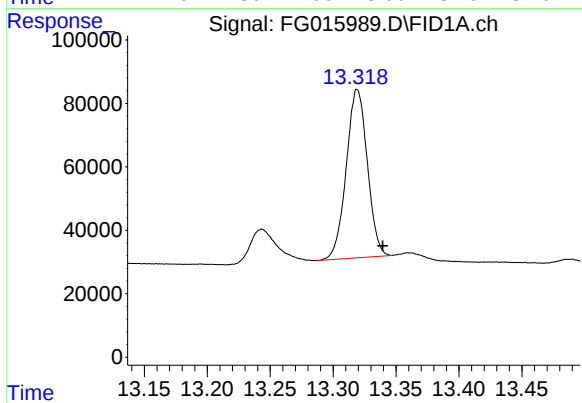
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.020 min
Response: 807085
Conc: 5.42 ug/ml



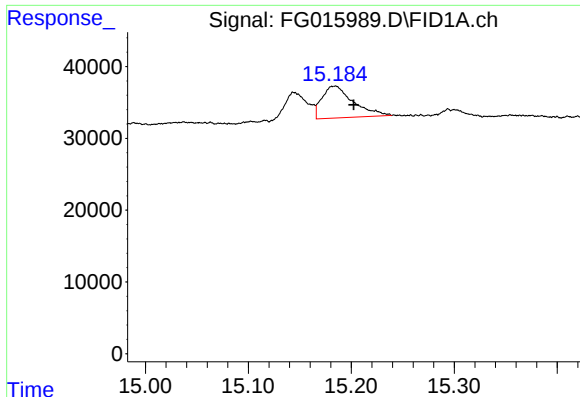
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.051 min
Response: 209968
Conc: 1.71 ug/ml



#12 1-chlorooctadecane (SURR)

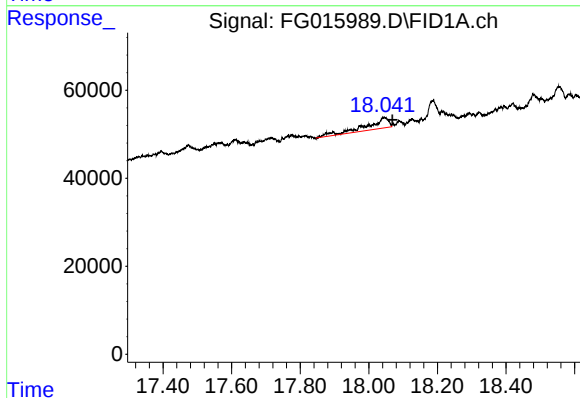
R.T.: 13.319 min
Delta R.T.: -0.020 min
Response: 620353
Conc: 5.39 ug/ml



#14 n-Tetracosane (C24)

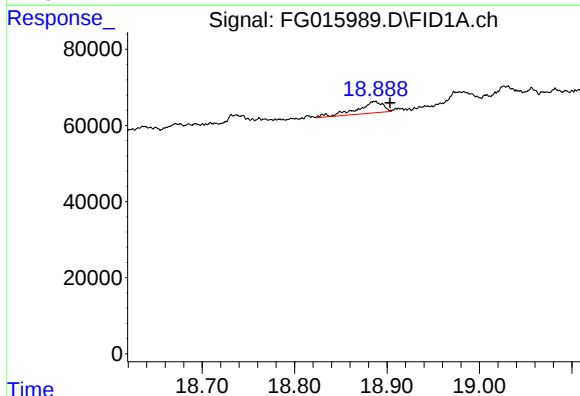
R.T.: 15.184 min
Delta R.T.: -0.018 min
Response: 93360
Conc: 0.77 ug/ml

Instrument :
FID_G
ClientSampleId :



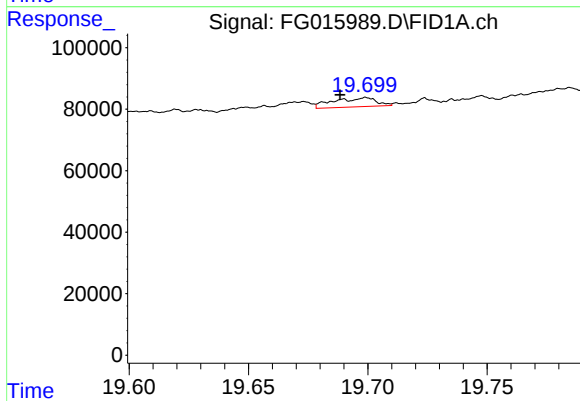
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.027 min
Response: 108005
Conc: 0.91 ug/ml



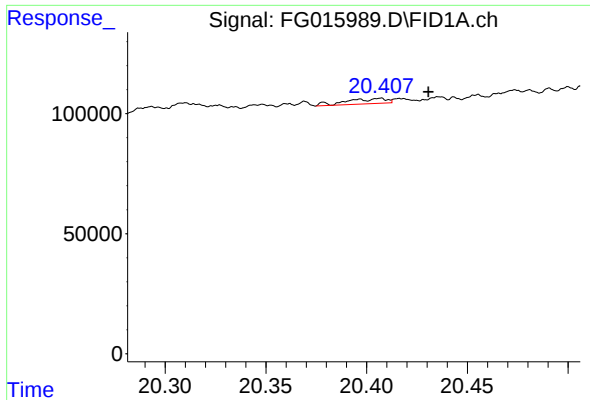
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.017 min
Response: 58017
Conc: 0.49 ug/ml



#19 n-Tetratriacontane (C34)

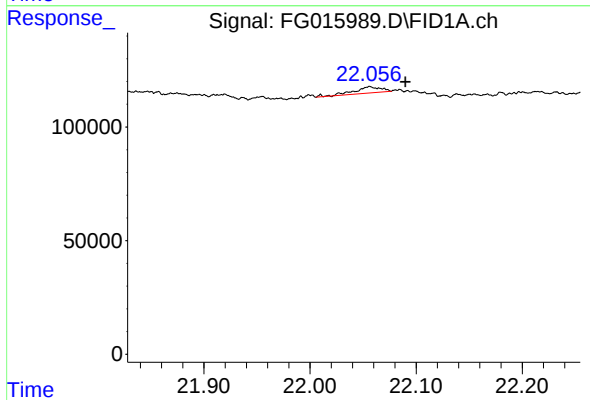
R.T.: 19.699 min
Delta R.T.: 0.011 min
Response: 36858
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: -0.024 min
Response: 29773
Conc: 0.28 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.056 min
Delta R.T.: -0.034 min
Response: 47852
Conc: 0.47 ug/ml