

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054869.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 08:20
 Operator : YP\AJ
 Sample : Q2595-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 16 12:22:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.084	1037692	6.390 ug/ml
Spiked Amount 50.000		Recovery =	12.78%
12) S 1-chlorooctadecane (S...	13.520	636474	5.040 ug/ml
Spiked Amount 50.000		Recovery =	10.08%
Target Compounds			
6) T n-Tetradecane (C14)	8.696	52624	0.380 ug/ml
7) T n-Hexadecane (C16)	10.314	59856	0.420 ug/ml
8) T n-Octadecane (C18)	11.752	186285	1.271 ug/ml
10) T n-Eicosane (C20)	13.072	78454	0.546 ug/ml
17) T n-Tricontane (C30)	18.245	49643	0.315 ug/ml
18) T n-Dotriacontane (C32)	19.078	70028	0.433 ug/ml
19) T n-Tetratriacontane (C34)	19.863	47715	0.313 ug/ml
20) T n-Hexatriacontane (C36)	20.605	46705	0.347 ug/ml
21) T n-Octatriacontane (C38)	21.385	35210	0.300 ug/ml

(f)=RT Delta > 1/2 Window

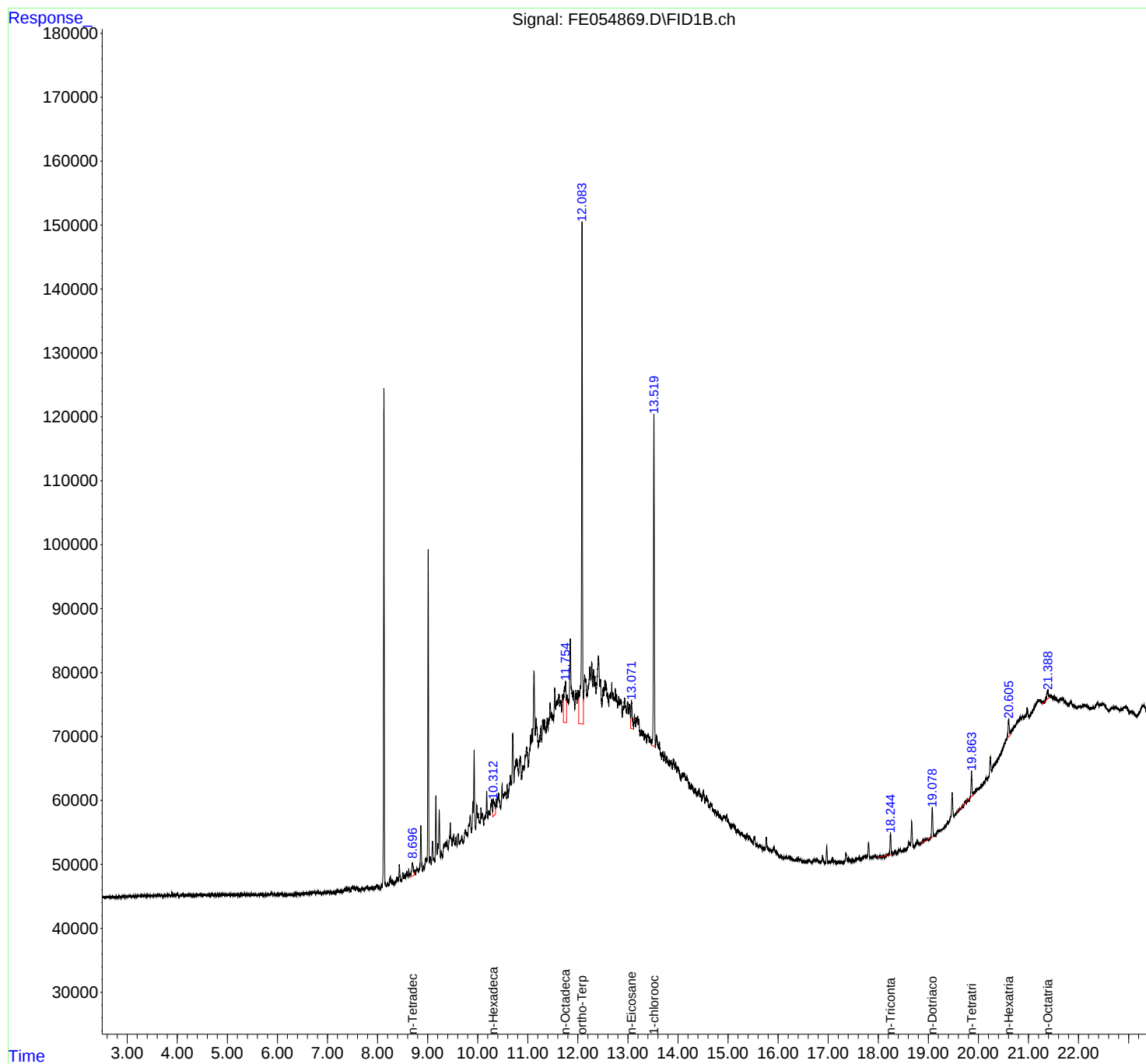
(m)=manual int.

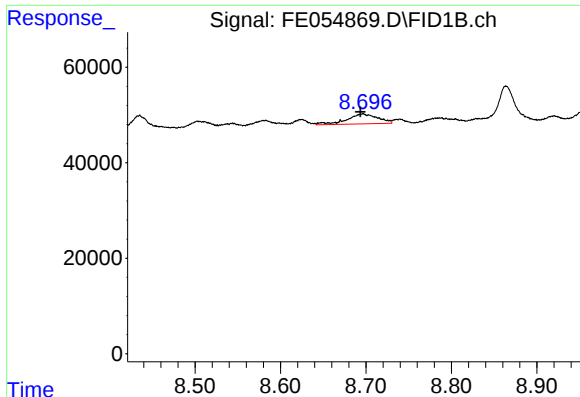
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

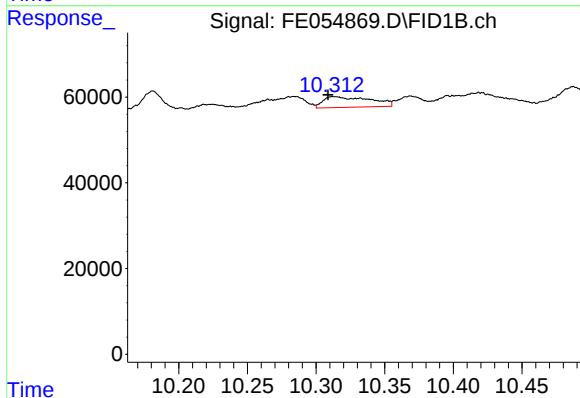




#6 n-Tetradecane (C14)

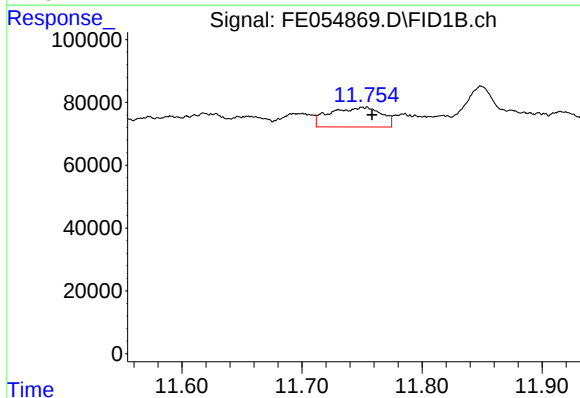
R.T.: 8.696 min
Delta R.T.: 0.003 min
Response: 52624
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :



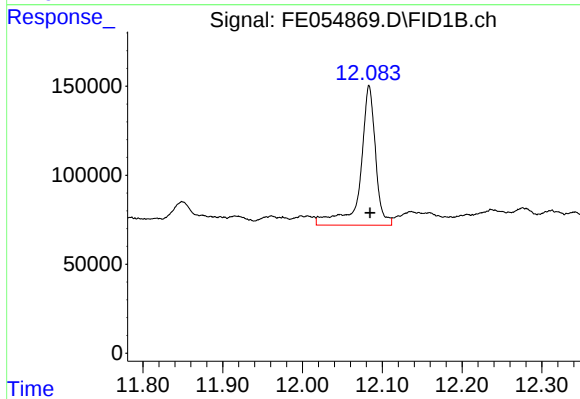
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.005 min
Response: 59856
Conc: 0.42 ug/ml



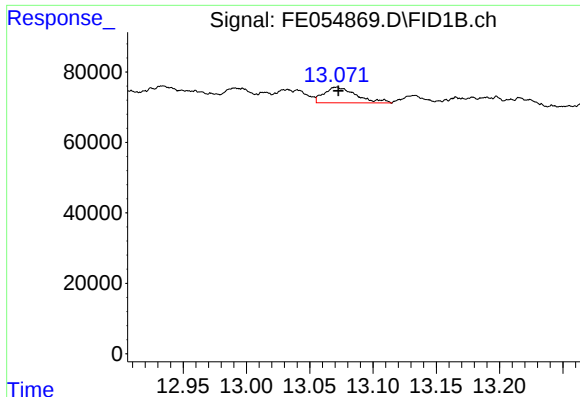
#8 n-Octadecane (C18)

R.T.: 11.752 min
Delta R.T.: -0.007 min
Response: 186285
Conc: 1.27 ug/ml



#9 ortho-Terphenyl (SURR)

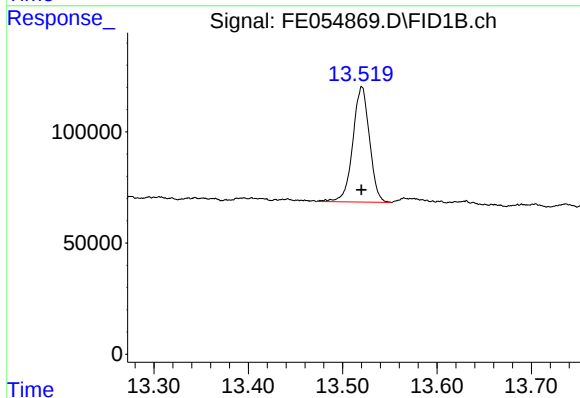
R.T.: 12.084 min
Delta R.T.: -0.001 min
Response: 1037692
Conc: 6.39 ug/ml



#10 n-Eicosane (C20)

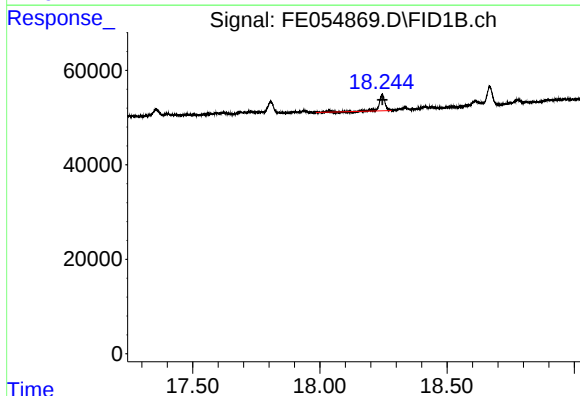
R.T.: 13.072 min
Delta R.T.: -0.001 min
Response: 78454
Conc: 0.55 ug/ml

Instrument :
FID_E
ClientSampleId :



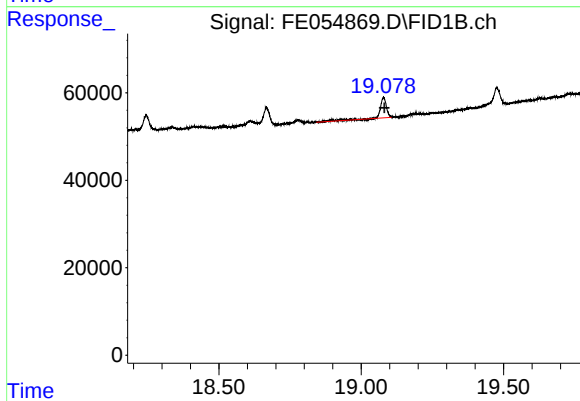
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 636474
Conc: 5.04 ug/ml



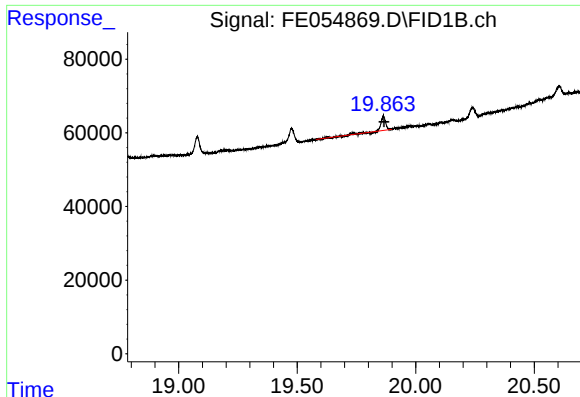
#17 n-Tricontane (C30)

R.T.: 18.245 min
Delta R.T.: -0.002 min
Response: 49643
Conc: 0.32 ug/ml



#18 n-Dotriacontane (C32)

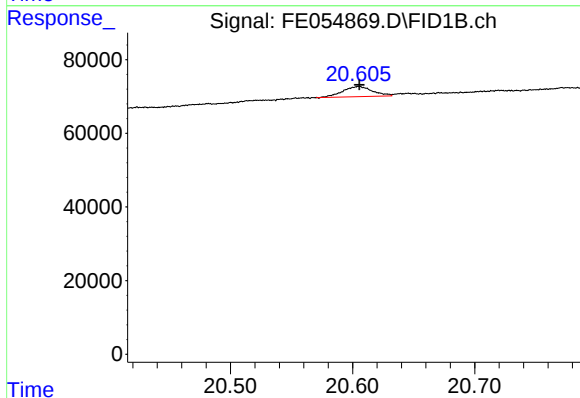
R.T.: 19.078 min
Delta R.T.: -0.002 min
Response: 70028
Conc: 0.43 ug/ml



#19 n-Tetratriacontane (C34)

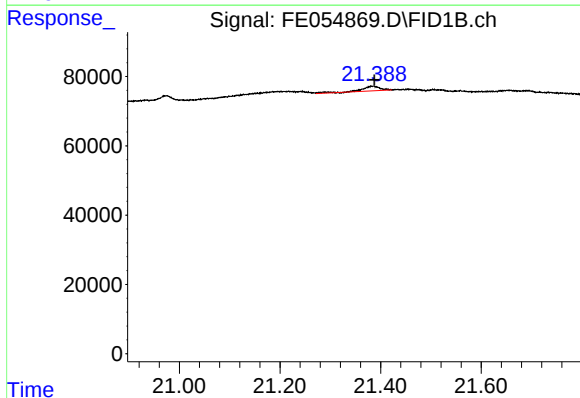
R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 47715
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: 0.000 min
Response: 46705
Conc: 0.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.003 min
Response: 35210
Conc: 0.30 ug/ml