

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012324AL\
 Data File : FE046351.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2024 11:27
 Operator : YP\AJ
 Sample : P1200-02DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 00:00:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.823	623607	3.432 ug/ml
Spiked Amount 50.000		Recovery =	6.86%
12) S 1-chlorooctadecane (S...	13.265	463933	3.472 ug/ml
Spiked Amount 50.000		Recovery =	6.94%
Target Compounds			
7) T n-Hexadecane (C16)	10.068	23089	0.146 ug/ml
8) T n-Octadecane (C18)	11.509	58312	0.370 ug/ml
10) T n-Eicosane (C20)	12.821	77517	0.512 ug/ml
11) T n-Heneicosane (C21)	13.433	31273	0.213 ug/ml
17) T n-Tricontane (C30)	17.990	21325	0.143 ug/ml
22) T n-Tetracontane (C40)	22.029	82995	0.530 ug/ml

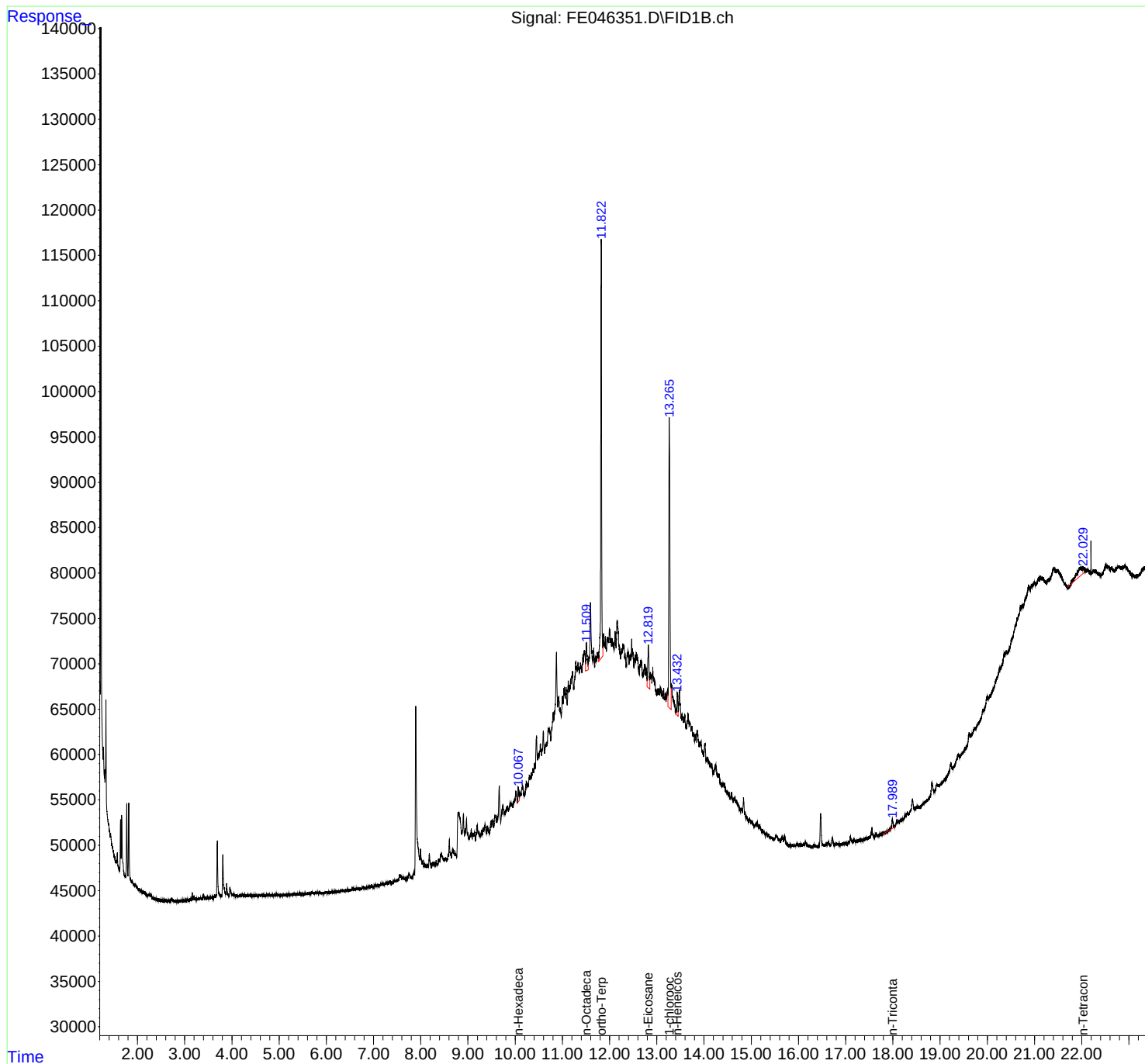
(f)=RT Delta > 1/2 Window

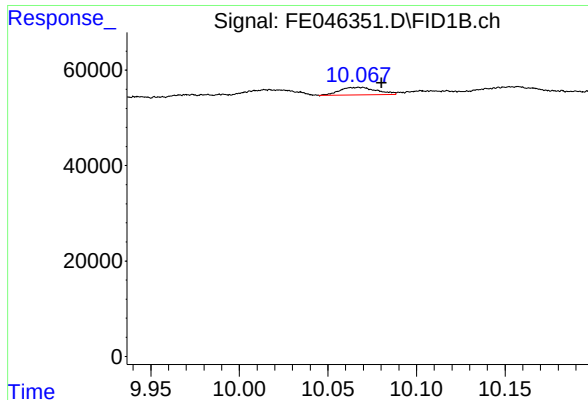
(m)=manual int.

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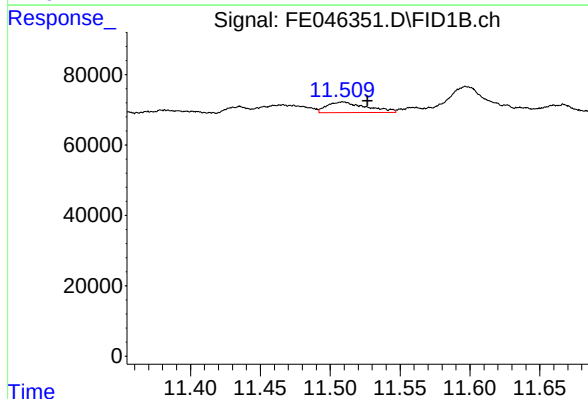
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





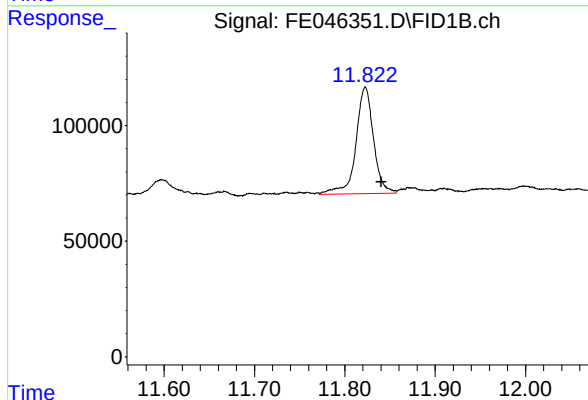
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.013 min
Response: 23089
Conc: 0.15 ug/ml



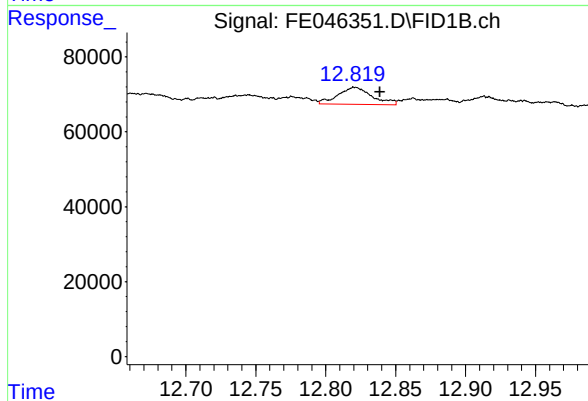
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.018 min
Response: 58312
Conc: 0.37 ug/ml



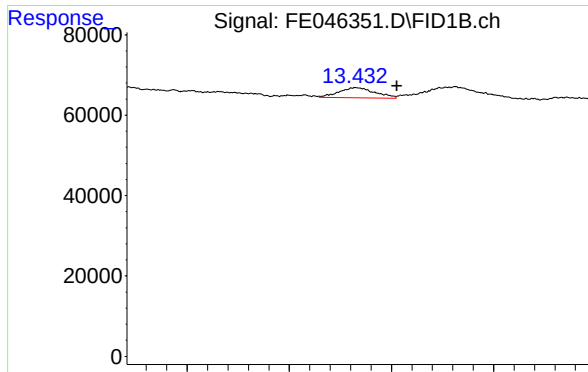
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.018 min
Response: 623607
Conc: 3.43 ug/ml



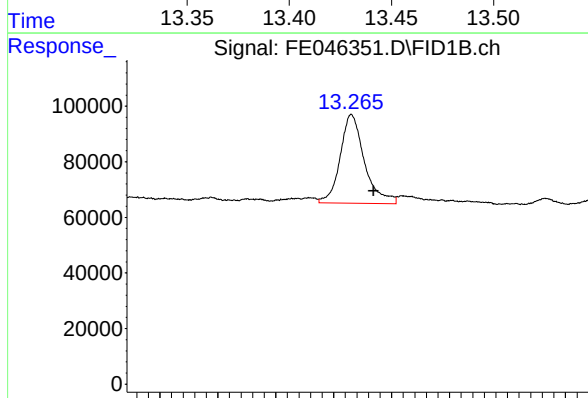
#10 n-Eicosane (C20)

R.T.: 12.821 min
Delta R.T.: -0.018 min
Response: 77517
Conc: 0.51 ug/ml



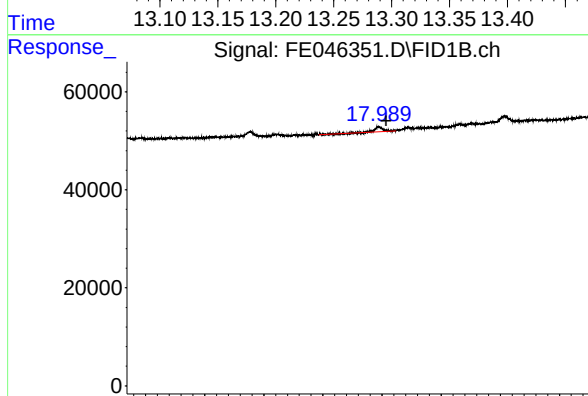
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: -0.020 min
Response: 31273
Conc: 0.21 ug/ml



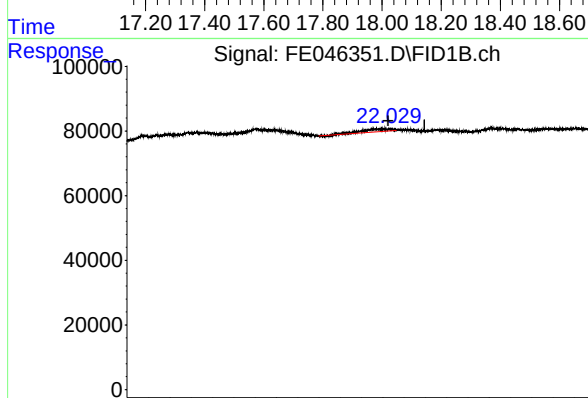
#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: -0.019 min
Response: 463933
Conc: 3.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.024 min
Response: 21325
Conc: 0.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.029 min
Delta R.T.: 0.004 min
Response: 82995
Conc: 0.53 ug/ml