

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101623AL\
 Data File : FE044859.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2023 10:52
 Operator : YP\AJ
 Sample : 04878-04DL 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 01:12:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.907	880015	4.390 ug/ml
Spiked Amount 50.000		Recovery =	8.78%
12) S 1-chlorooctadecane (S...	13.352	253436	1.713 ug/ml
Spiked Amount 50.000		Recovery =	3.43%
Target Compounds			
7) T n-Hexadecane (C16)	10.151	47167	0.270 ug/ml
8) T n-Octadecane (C18)	11.591	97300	0.558 ug/ml
10) T n-Eicosane (C20)	12.910	214501	1.284 ug/ml
11) T n-Heneicosane (C21)	13.566	59639	0.366 ug/ml
18) T n-Dotriacontane (C32)	18.922	142643	0.950 ug/ml
19) T n-Tetratriacontane (C34)	19.697	164186	1.103 ug/ml
20) T n-Hexatriacontane (C36)	20.482	251585	1.636 ug/ml
21) T n-Octatriacontane (C38)	21.183	60634	0.388 ug/ml
22) T n-Tetracontane (C40)	22.141	167822	1.004 ug/ml

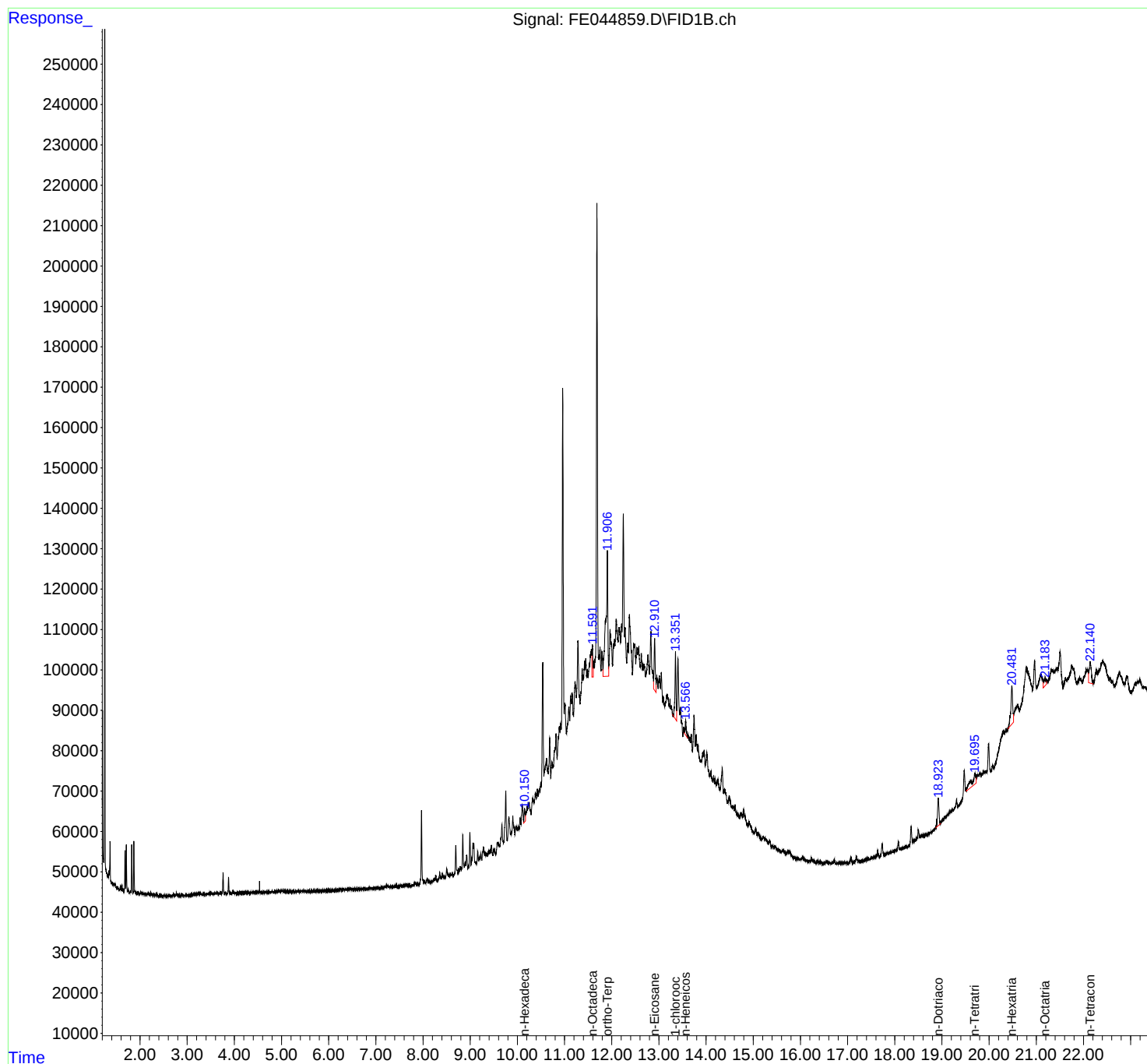
(f)=RT Delta > 1/2 Window

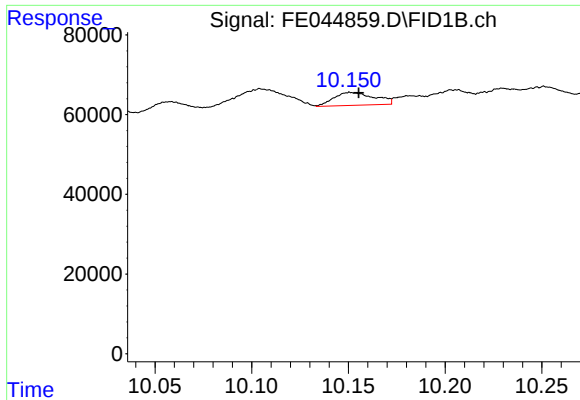
(m)=manual int.

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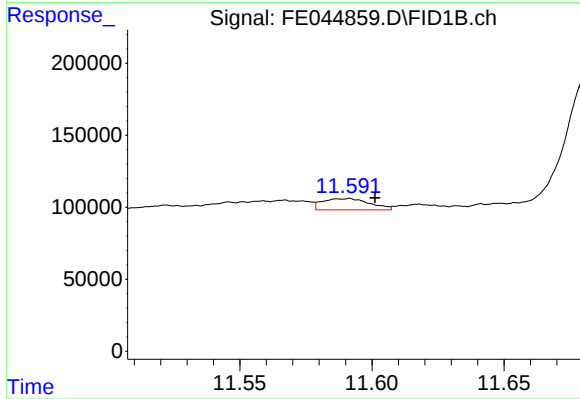
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





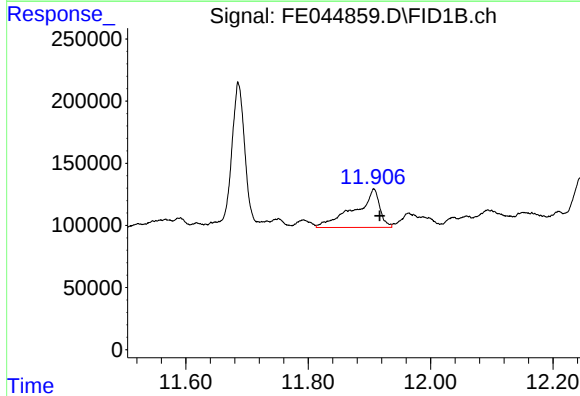
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.004 min
Response: 47167
Conc: 0.27 ug/ml



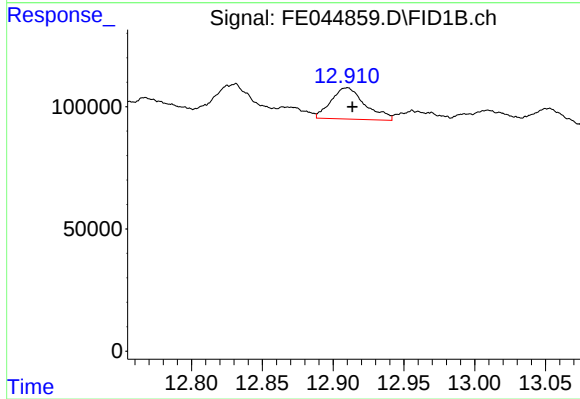
#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.010 min
Response: 97300
Conc: 0.56 ug/ml



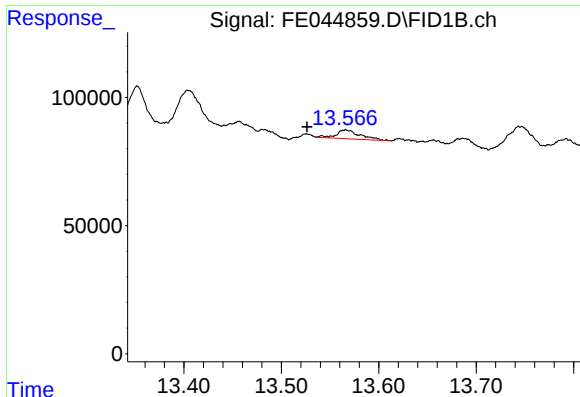
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.010 min
Response: 880015
Conc: 4.39 ug/ml



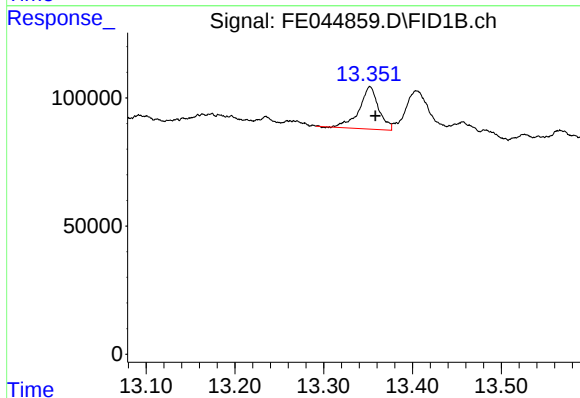
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.004 min
Response: 214501
Conc: 1.28 ug/ml



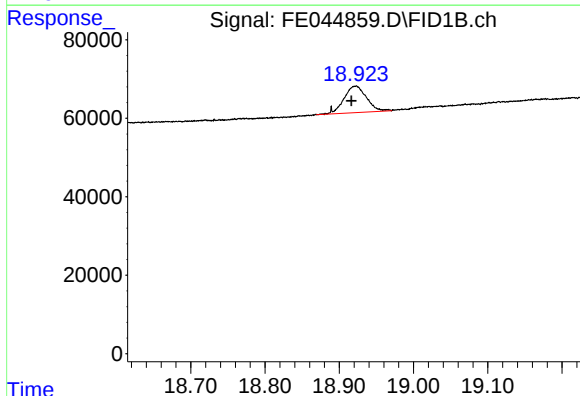
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: 0.039 min
Response: 59639
Conc: 0.37 ug/ml



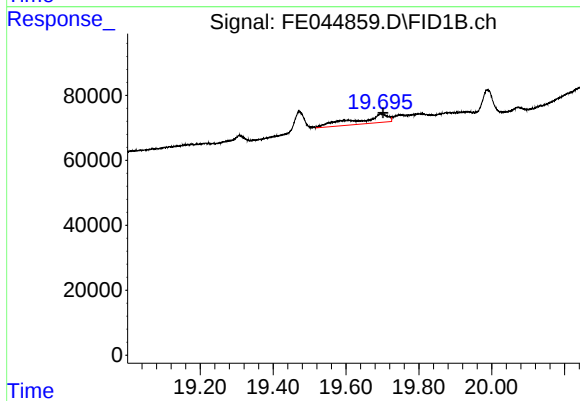
#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.006 min
Response: 253436
Conc: 1.71 ug/ml



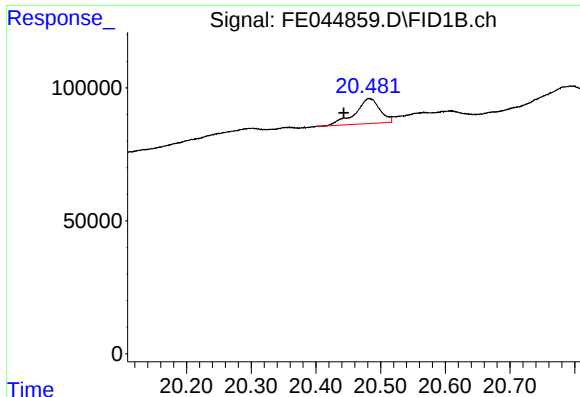
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: 0.006 min
Response: 142643
Conc: 0.95 ug/ml



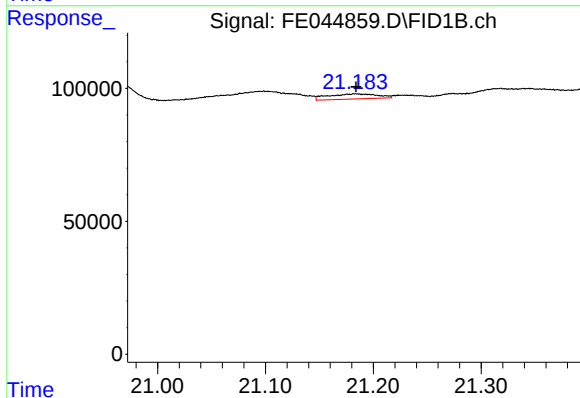
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.005 min
Response: 164186
Conc: 1.10 ug/ml



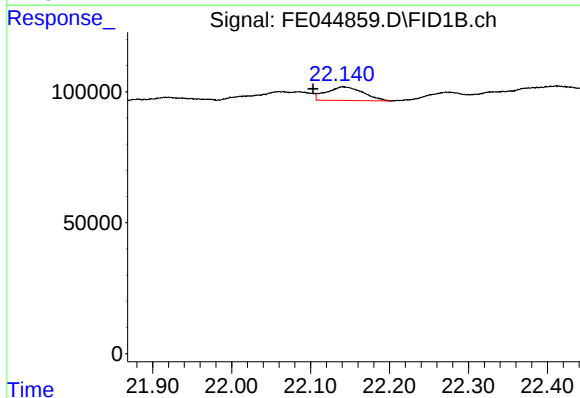
#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.040 min
Response: 251585
Conc: 1.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: 0.000 min
Response: 60634
Conc: 0.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: 0.038 min
Response: 167822
Conc: 1.00 ug/ml