

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012423AL\
 Data File : FE040019.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2023 03:05
 Operator : YP\AJ
 Sample : 01268-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 05:52:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.904	5697837	37.103 ug/ml
Spiked Amount 50.000		Recovery =	74.21%
12) S 1-chlorooctadecane (S...	13.340	5334362	45.711 ug/ml
Spiked Amount 50.000		Recovery =	91.42%
Target Compounds			
4) T n-Dodecane (C12)	6.712	56808	0.452 ug/ml
6) T n-Tetradecane (C14)	8.537	93624	0.728 ug/ml
7) T n-Hexadecane (C16)	10.143	81416	0.604 ug/ml
8) T n-Octadecane (C18)	11.585	101740	0.726 ug/ml
10) T n-Eicosane (C20)	12.893	77051	0.556 ug/ml
11) T n-Heneicosane (C21)	13.507	32690	0.234 ug/ml
13) T n-Docosane (C22)	14.092	44784	0.323 ug/ml
14) T n-Tetracosane (C24)	15.187	137624	1.000 ug/ml
15) T n-Hexacosane (C26)	16.218	52151	0.391 ug/ml
16) T n-Octacosane (C28)	17.184	24325	0.187 ug/ml
17) T n-Tricontane (C30)	18.051	159898	1.254 ug/ml
18) T n-Dotriacontane (C32)	18.882	175329	1.387 ug/ml
19) T n-Tetratriacontane (C34)	19.671	68764	0.556 ug/ml
20) T n-Hexatriacontane (C36)	20.410	150183	1.274 ug/ml

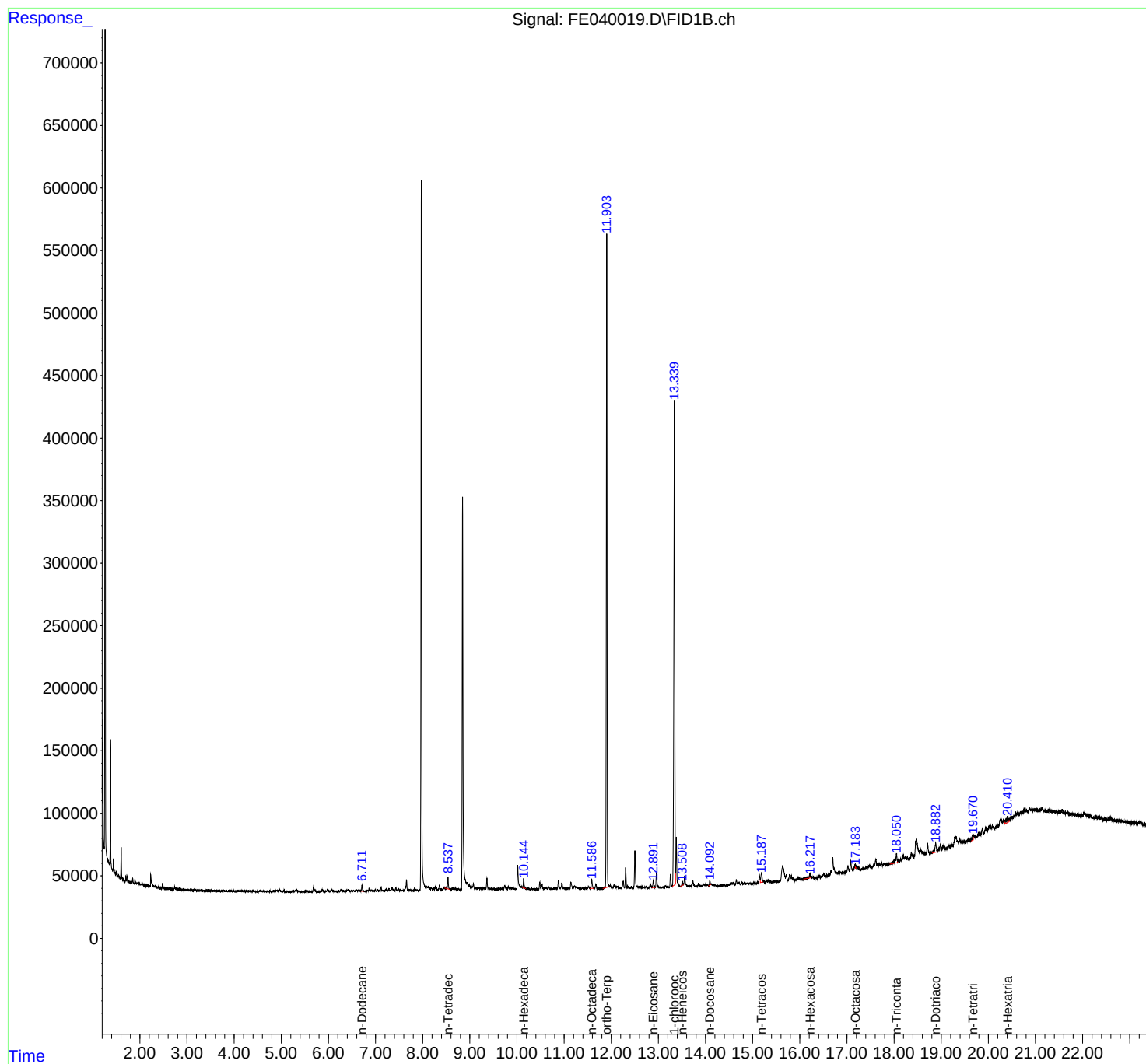
(f)=RT Delta > 1/2 Window

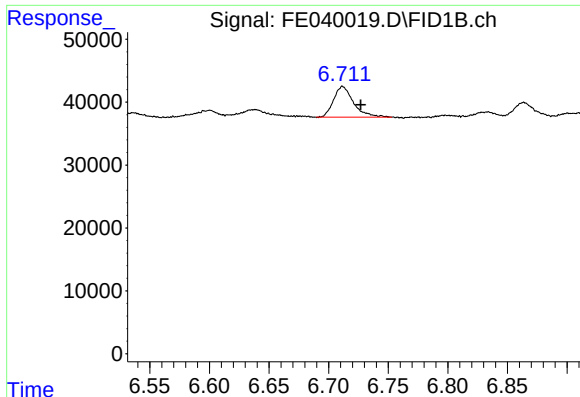
(m)=manual int.

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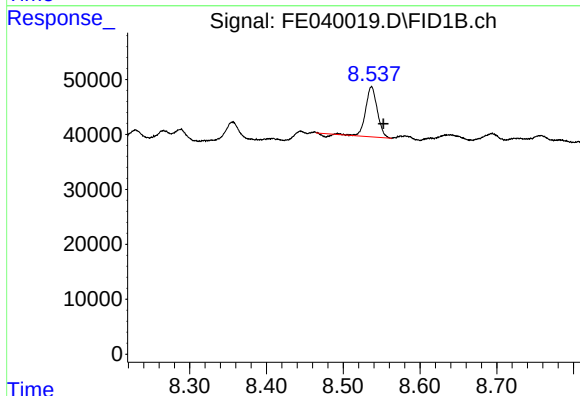
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





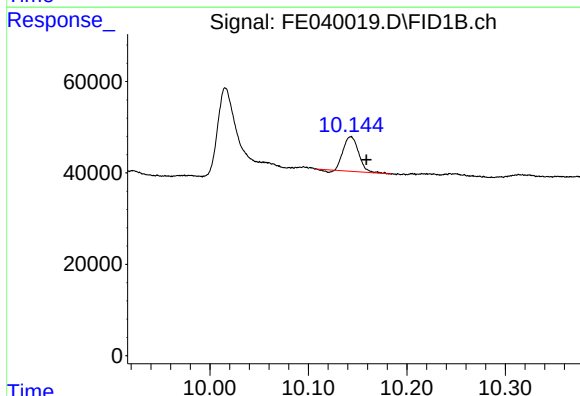
#4 n-Dodecane (C12)

R.T.: 6.712 min
Delta R.T.: -0.015 min
Response: 56808
Conc: 0.45 ug/ml



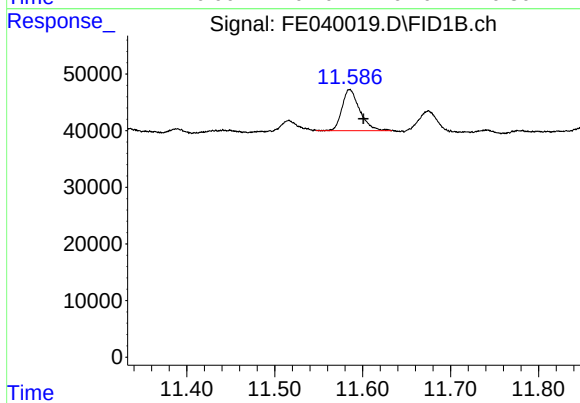
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.016 min
Response: 93624
Conc: 0.73 ug/ml



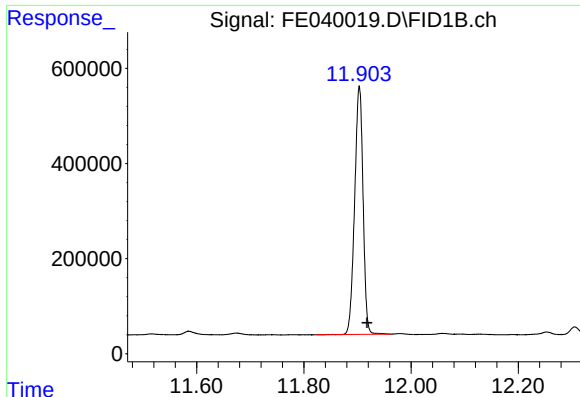
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.016 min
Response: 81416
Conc: 0.60 ug/ml



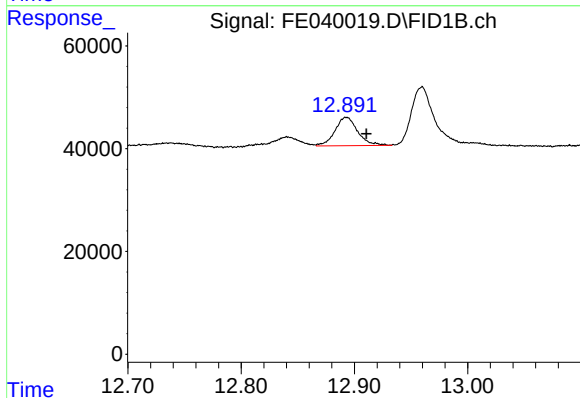
#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.016 min
Response: 101740
Conc: 0.73 ug/ml



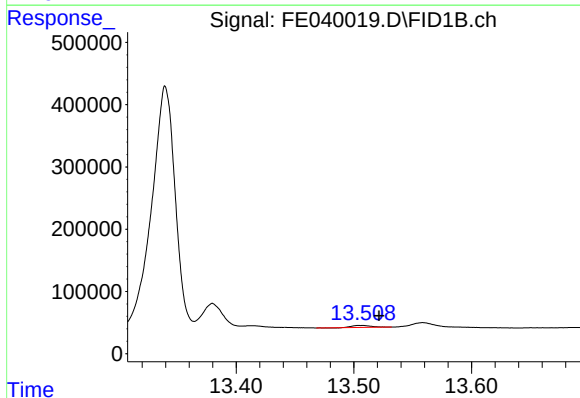
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.014 min
Response: 5697837
Conc: 37.10 ug/ml



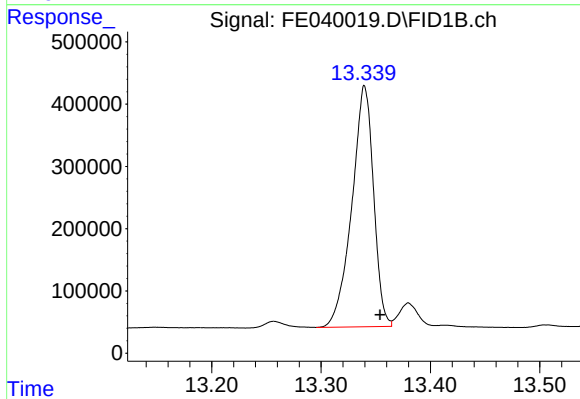
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.018 min
Response: 77051
Conc: 0.56 ug/ml



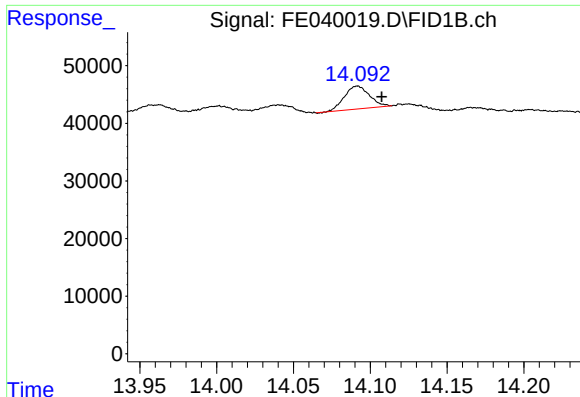
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.015 min
Response: 32690
Conc: 0.23 ug/ml



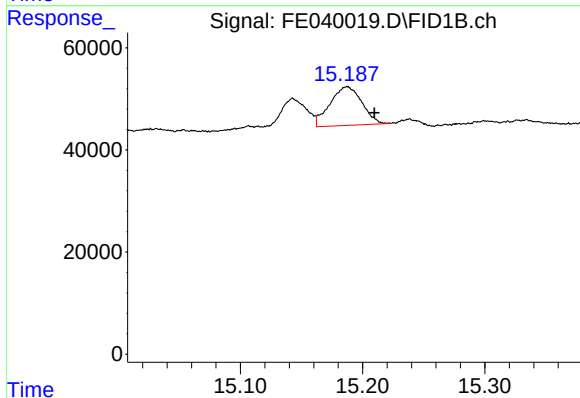
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.014 min
Response: 5334362
Conc: 45.71 ug/ml



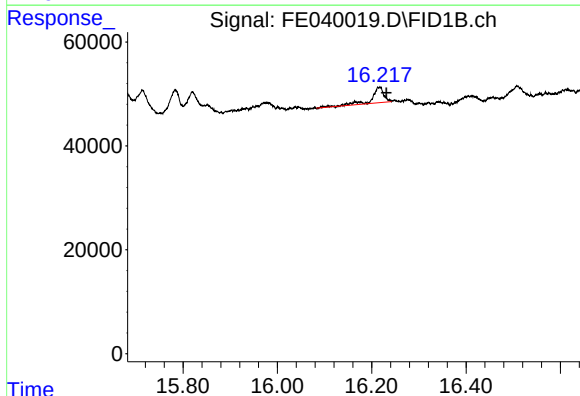
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.016 min
Response: 44784
Conc: 0.32 ug/ml



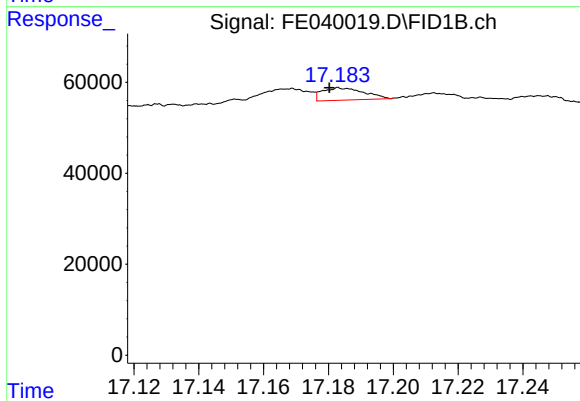
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.023 min
Response: 137624
Conc: 1.00 ug/ml



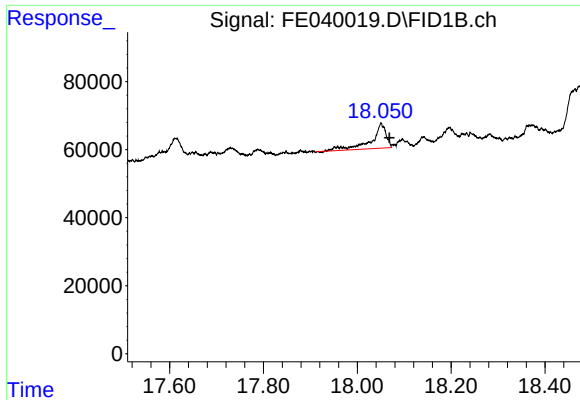
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.014 min
Response: 52151
Conc: 0.39 ug/ml



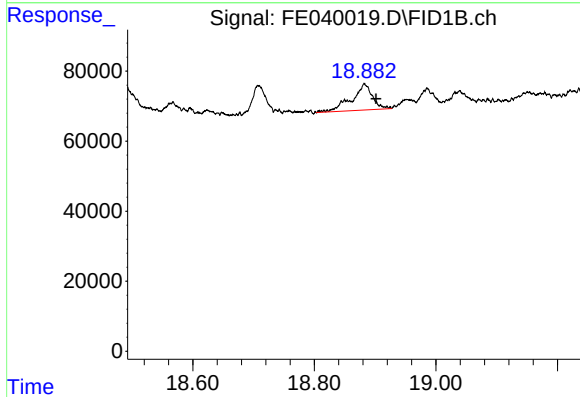
#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: 0.004 min
Response: 24325
Conc: 0.19 ug/ml



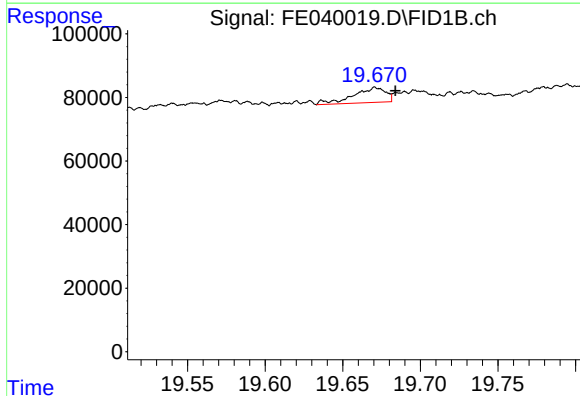
#17 n-Tricontane (C30)

R.T.: 18.051 min
Delta R.T.: -0.018 min
Response: 159898
Conc: 1.25 ug/ml



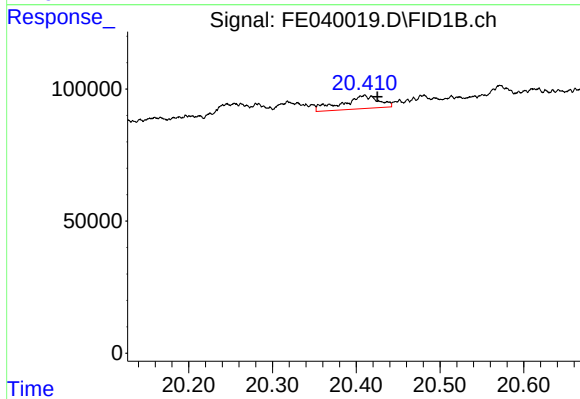
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.019 min
Response: 175329
Conc: 1.39 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.671 min
Delta R.T.: -0.013 min
Response: 68764
Conc: 0.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.410 min
Delta R.T.: -0.015 min
Response: 150183
Conc: 1.27 ug/ml