

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013123AL\
 Data File : FE040104.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2023 09:36
 Operator : YP\AJ
 Sample : 01322-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 10:07:12 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)	11.901	1398256	9.105 ug/ml
Spiked Amount 50.000		Recovery =	18.21%
12) S 1-chlorooctadecane (S...	13.338	1190961	10.206 ug/ml
Spiked Amount 50.000		Recovery =	20.41%
Target Compounds			
6) T n-Tetradecane (C14)	8.535	71811	0.558 ug/ml
7) T n-Hexadecane (C16)	10.143	131804	0.977 ug/ml
8) T n-Octadecane (C18)	11.585	87648	0.625 ug/ml
10) T n-Eicosane (C20)	12.894	66569	0.480 ug/ml
11) T n-Heneicosane (C21)	13.506	80471	0.577 ug/ml
13) T n-Docosane (C22)	14.092	42382	0.305 ug/ml
14) T n-Tetracosane (C24)	15.196	55815	0.405 ug/ml
16) T n-Octacosane (C28)	17.215	130596	1.003 ug/ml
17) T n-Tricontane (C30)	18.056	112347	0.881 ug/ml
18) T n-Dotriacontane (C32)	18.893	93336	0.738 ug/ml
19) T n-Tetratriacontane (C34)	19.674	73801	0.597 ug/ml
20) T n-Hexatriacontane (C36)	20.423	128368	1.089 ug/ml
21) T n-Octatriacontane (C38)	21.150	54740	0.458 ug/ml
22) T n-Tetracontane (C40)	22.048	101831	0.839 ug/ml

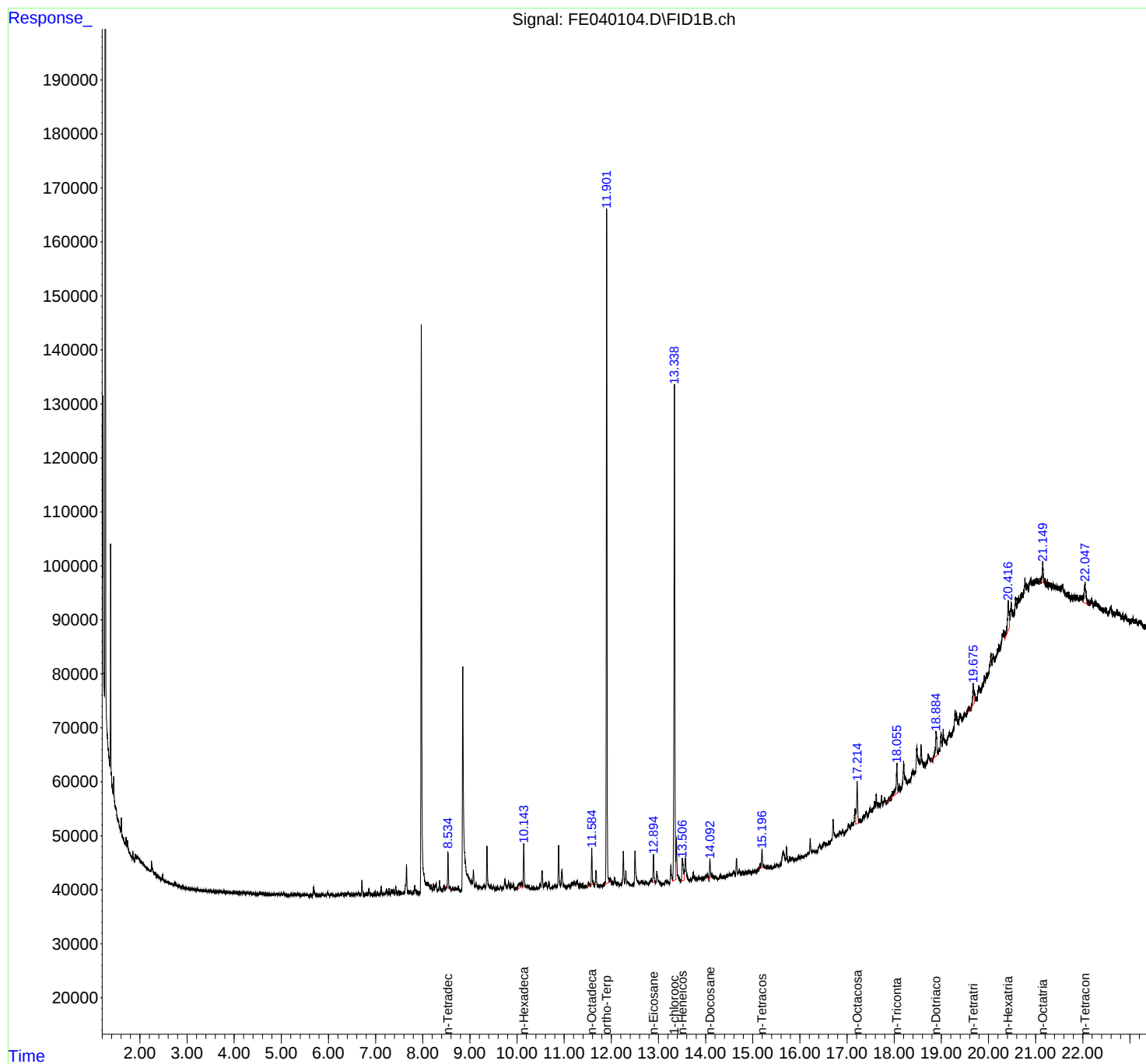
(f)=RT Delta > 1/2 Window

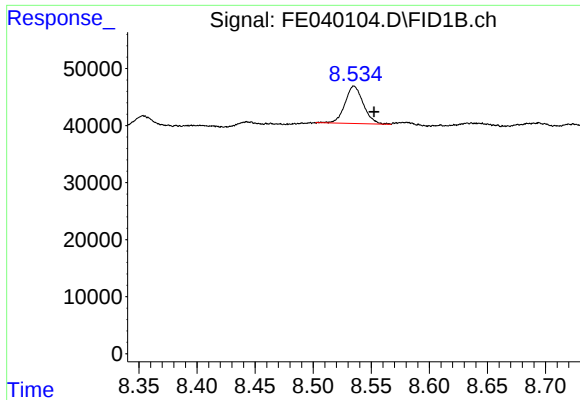
(m)=manual int.

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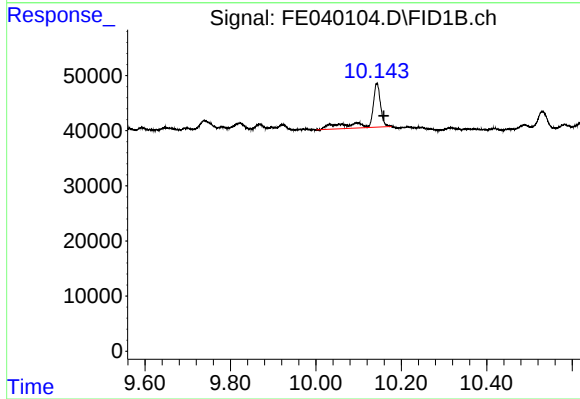
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





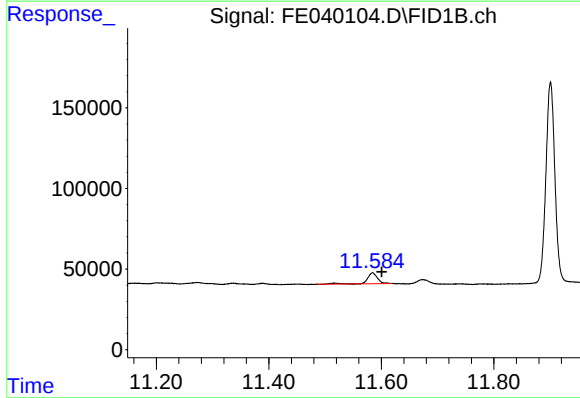
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.017 min
Response: 71811
Conc: 0.56 ug/ml



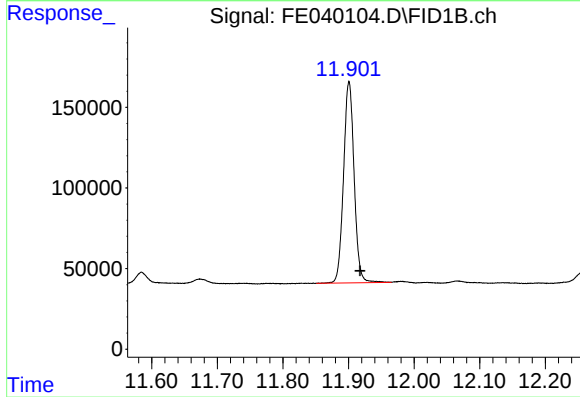
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.016 min
Response: 131804
Conc: 0.98 ug/ml



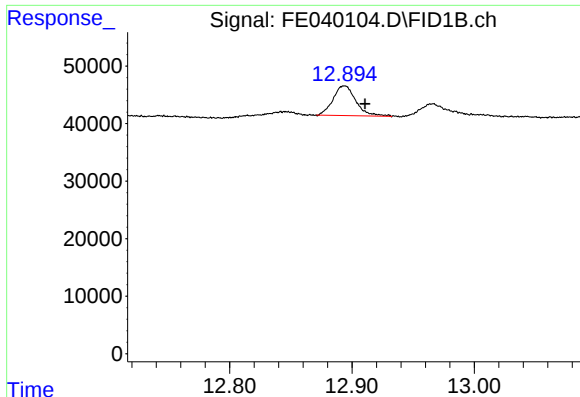
#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.016 min
Response: 87648
Conc: 0.63 ug/ml



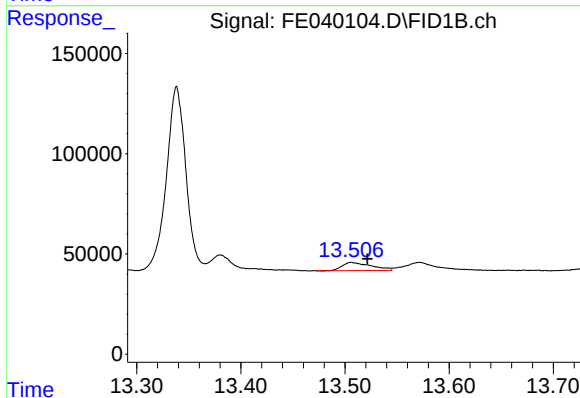
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.017 min
Response: 1398256
Conc: 9.11 ug/ml



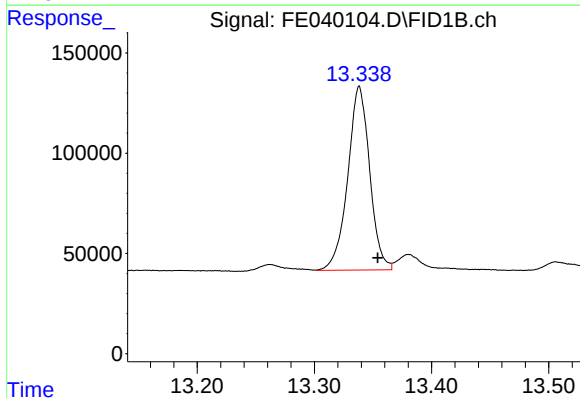
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.017 min
Response: 66569
Conc: 0.48 ug/ml



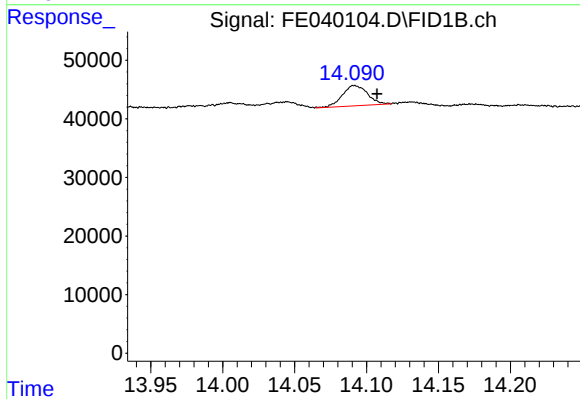
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.015 min
Response: 80471
Conc: 0.58 ug/ml



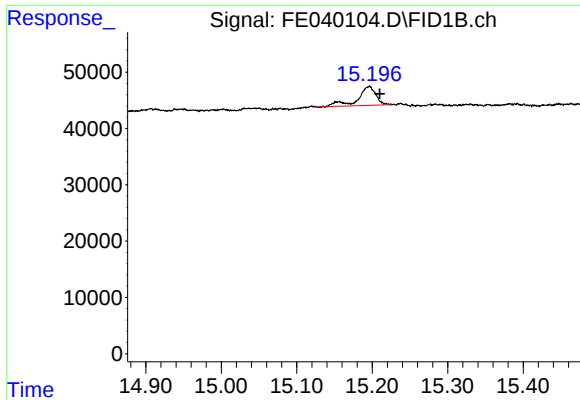
#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.016 min
Response: 1190961
Conc: 10.21 ug/ml



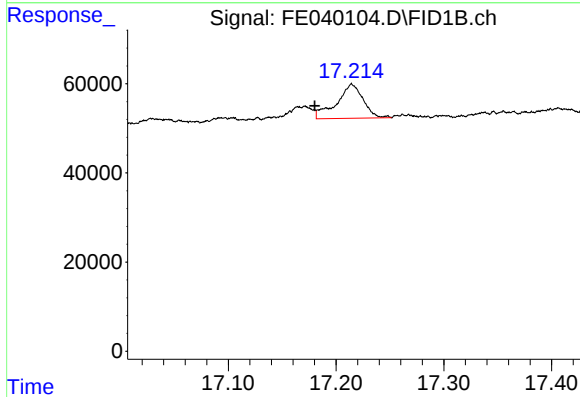
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.016 min
Response: 42382
Conc: 0.31 ug/ml



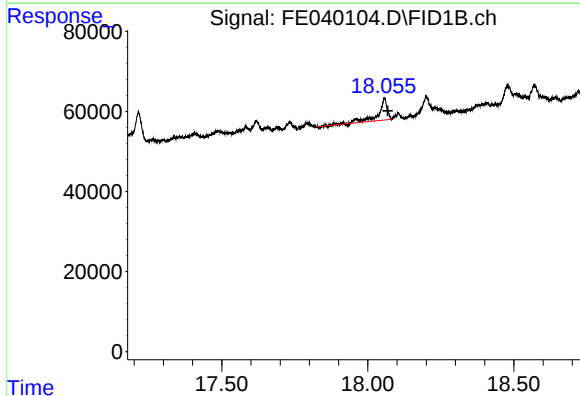
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.013 min
Response: 55815
Conc: 0.41 ug/ml



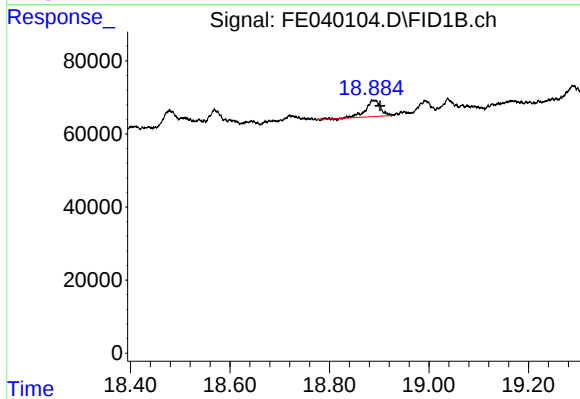
#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: 0.034 min
Response: 130596
Conc: 1.00 ug/ml



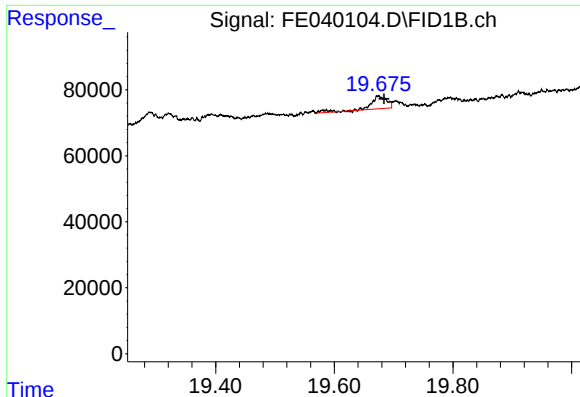
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: -0.012 min
Response: 112347
Conc: 0.88 ug/ml



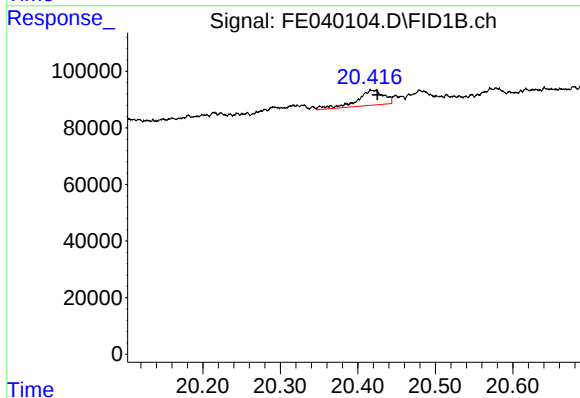
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: -0.009 min
Response: 93336
Conc: 0.74 ug/ml



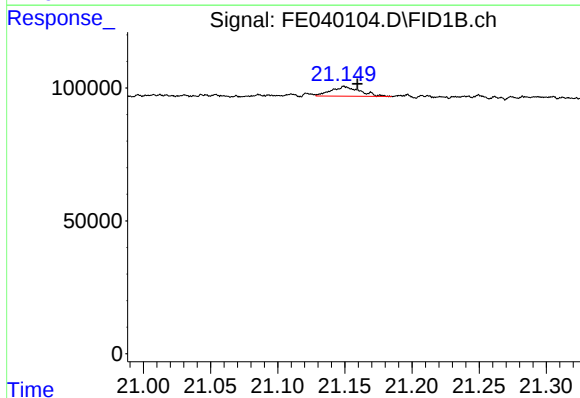
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: -0.010 min
Response: 73801
Conc: 0.60 ug/ml



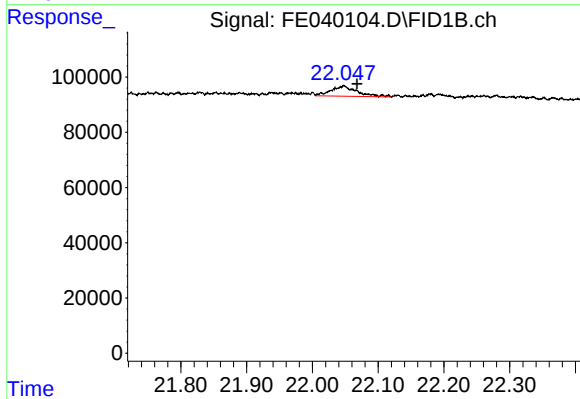
#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.002 min
Response: 128368
Conc: 1.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.150 min
Delta R.T.: -0.009 min
Response: 54740
Conc: 0.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.048 min
Delta R.T.: -0.020 min
Response: 101831
Conc: 0.84 ug/ml