

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021023AL\
 Data File : FE040311.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2023 20:54
 Operator : YP\AJ
 Sample : 01508-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 07:14:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.892	389840	2.408 ug/ml
Spiked Amount 50.000		Recovery =	4.82%
12) S 1-chlorooctadecane (S...	13.333	3675494	29.636 ug/ml
Spiked Amount 50.000		Recovery =	59.27%
Target Compounds			
4) T n-Dodecane (C12)	6.702	39666	0.295 ug/ml
6) T n-Tetradecane (C14)	8.530	48648	0.353 ug/ml
8) T n-Octadecane (C18)	11.579	56868	0.382 ug/ml
11) T n-Heneicosane (C21)	13.538	49222	0.334 ug/ml
13) T n-Docosane (C22)	14.083	95439	0.644 ug/ml
14) T n-Tetracosane (C24)	15.188	50177	0.331 ug/ml
15) T n-Hexacosane (C26)	16.212	137908	0.930 ug/ml
16) T n-Octacosane (C28)	17.183	379456	2.532 ug/ml
17) T n-Tricontane (C30)	18.050	365669	2.478 ug/ml
18) T n-Dotriacontane (C32)	18.884	80045	0.547 ug/ml
19) T n-Tetratriacontane (C34)	19.668	89280	0.649 ug/ml
20) T n-Hexatriacontane (C36)	20.411	164521	1.240 ug/ml
21) T n-Octatriacontane (C38)	21.139	197738	1.524 ug/ml
22) T n-Tetracontane (C40)	22.037	295545	2.226 ug/ml

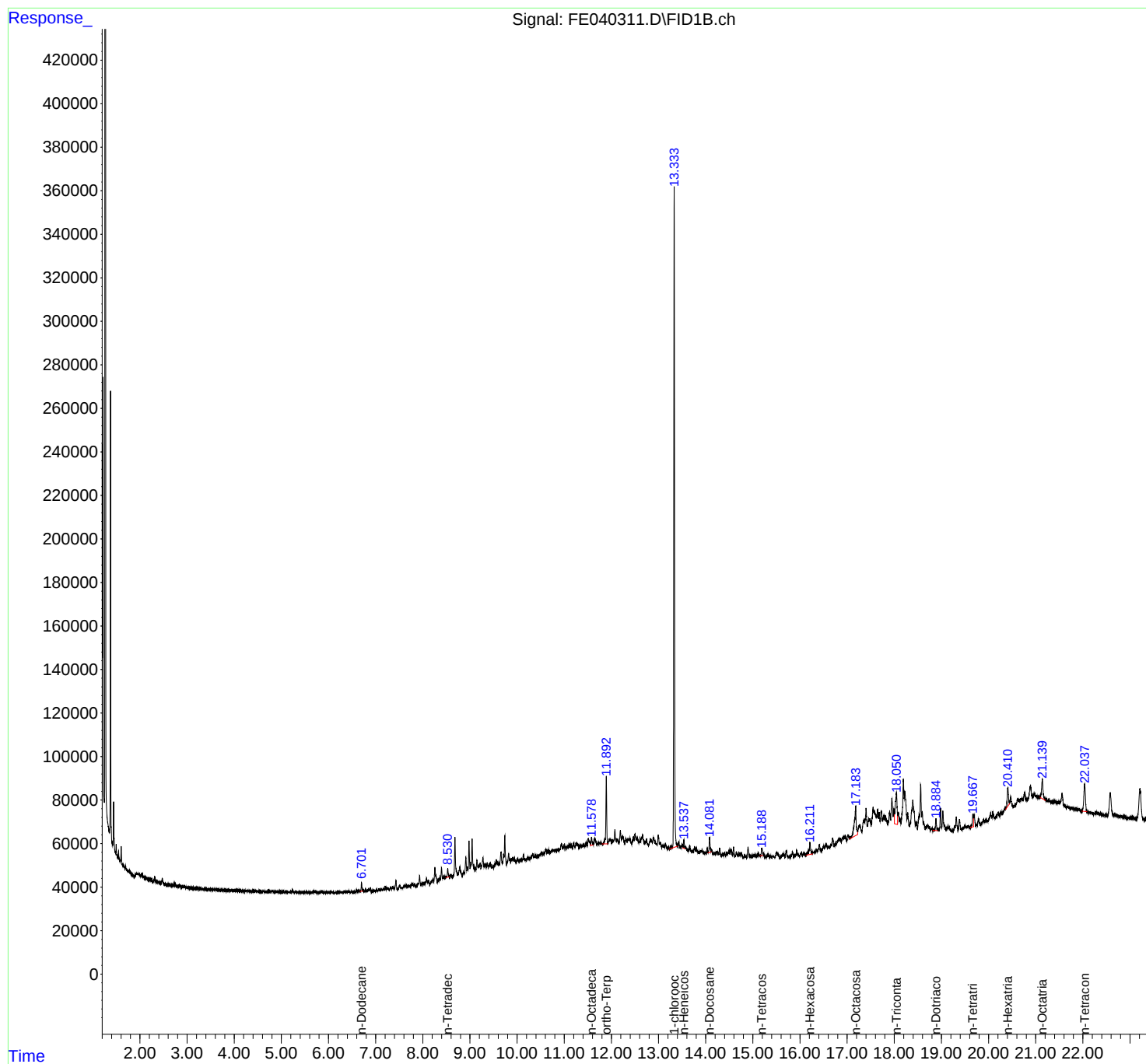
(f)=RT Delta > 1/2 Window

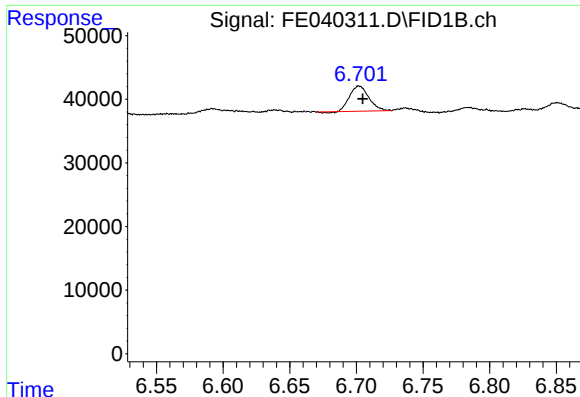
(m)=manual int.

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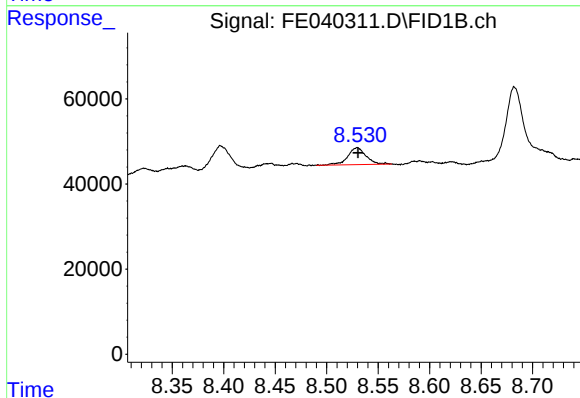
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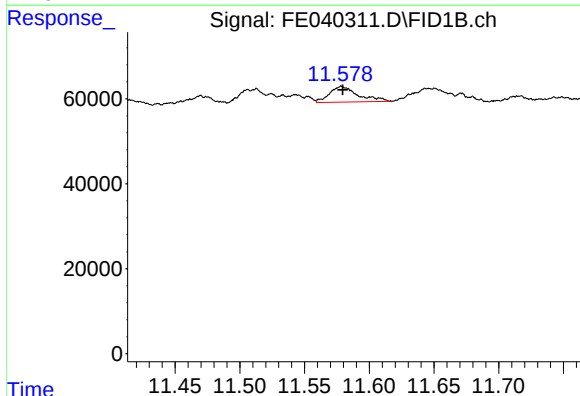
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 39666
Conc: 0.29 ug/ml



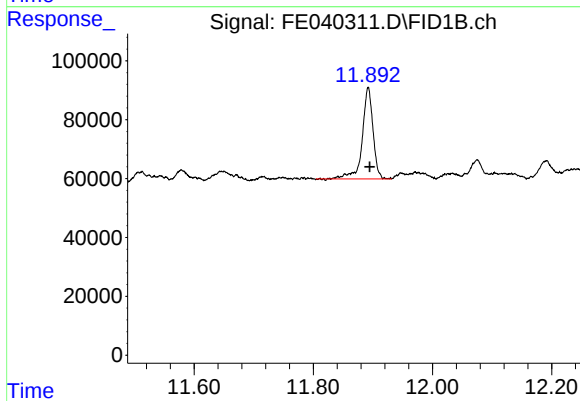
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 48648
Conc: 0.35 ug/ml



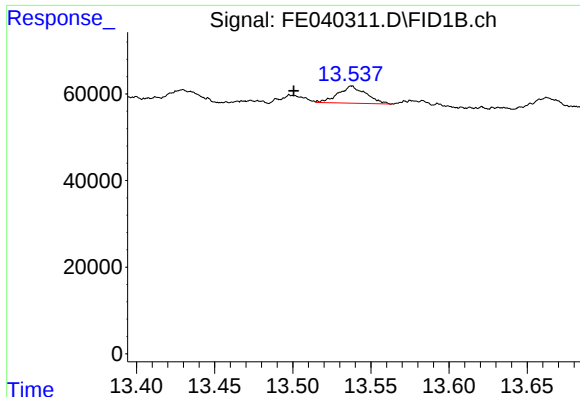
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 56868
Conc: 0.38 ug/ml



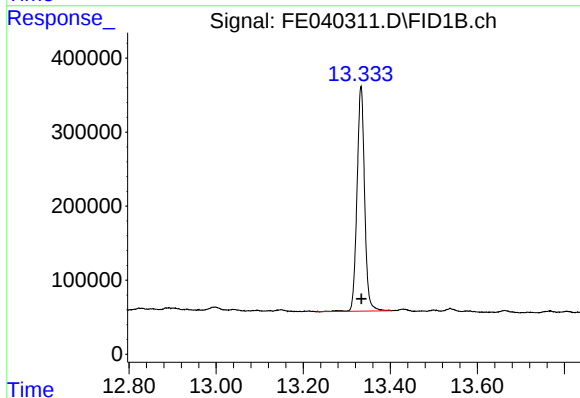
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.002 min
Response: 389840
Conc: 2.41 ug/ml



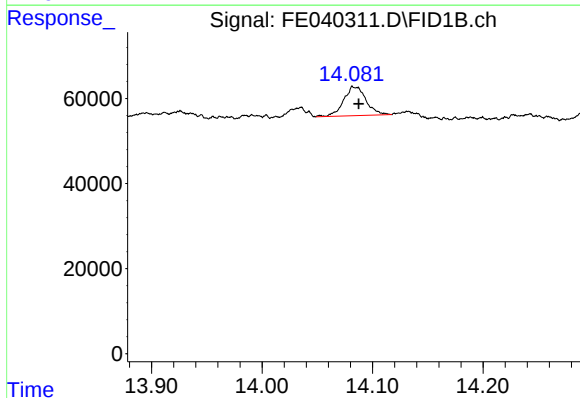
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.037 min
Response: 49222
Conc: 0.33 ug/ml



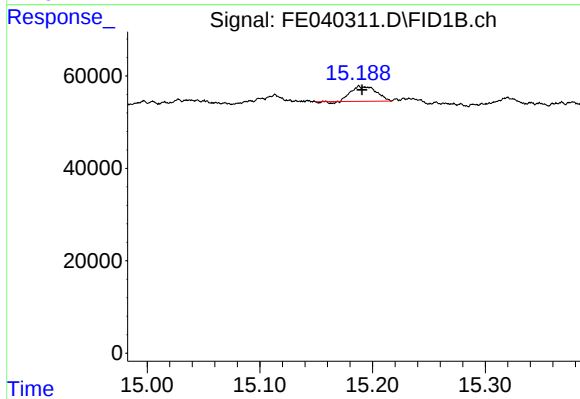
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 3675494
Conc: 29.64 ug/ml



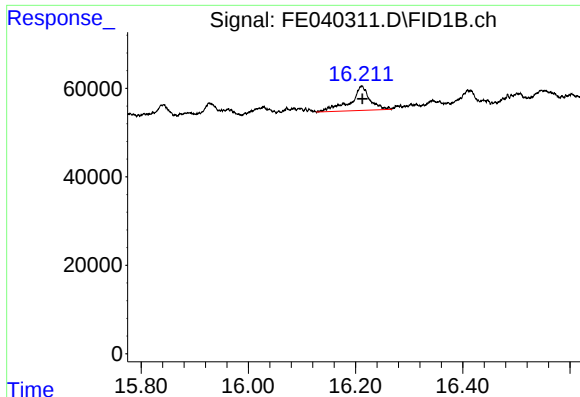
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.005 min
Response: 95439
Conc: 0.64 ug/ml



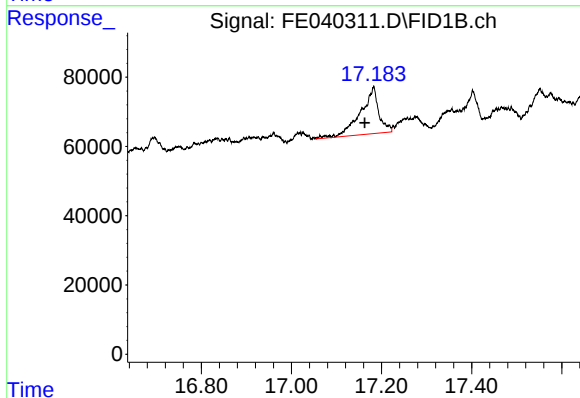
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.003 min
Response: 50177
Conc: 0.33 ug/ml



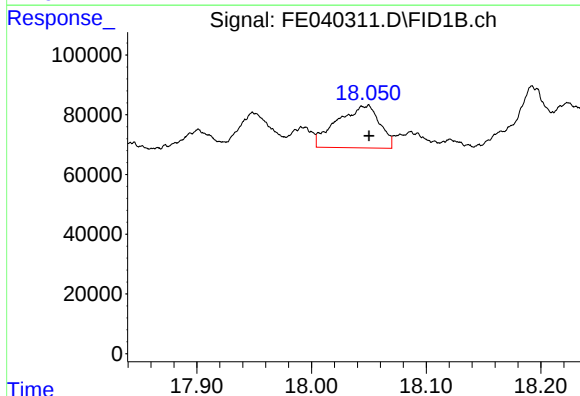
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 137908
Conc: 0.93 ug/ml



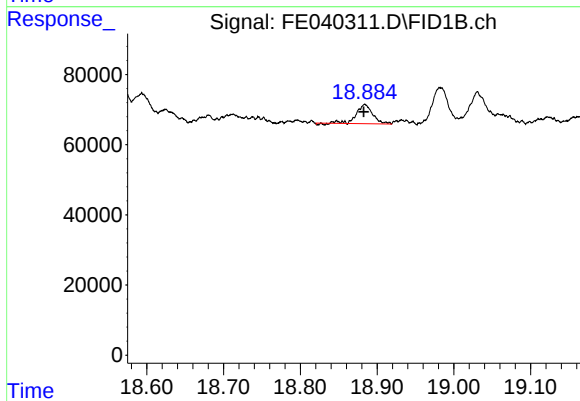
#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: 0.020 min
Response: 379456
Conc: 2.53 ug/ml



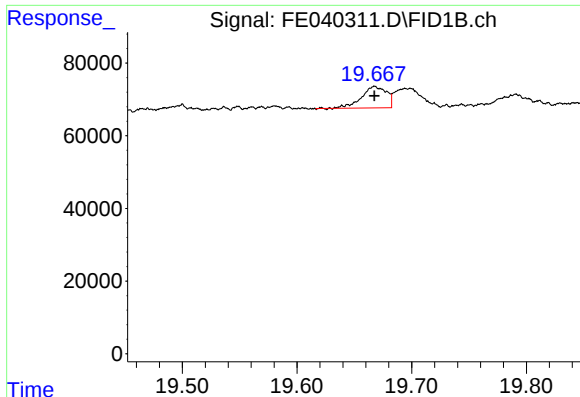
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 365669
Conc: 2.48 ug/ml



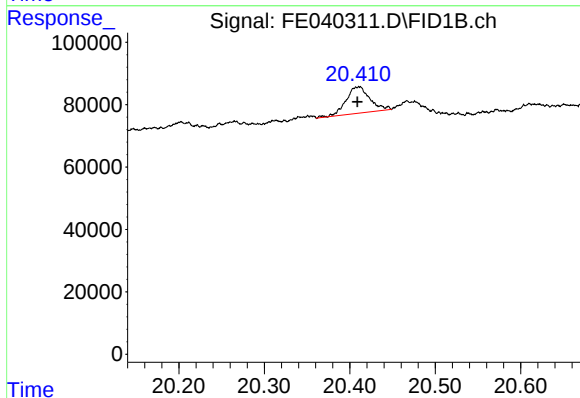
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.001 min
Response: 80045
Conc: 0.55 ug/ml



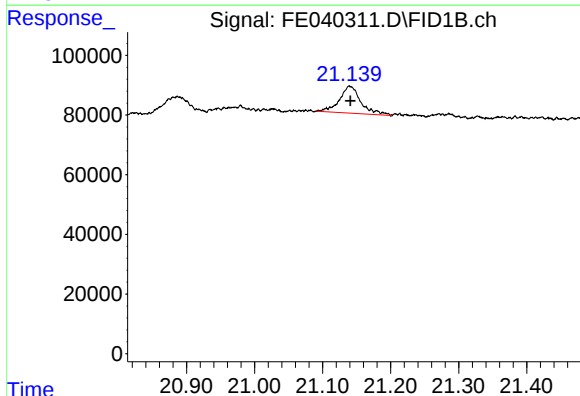
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 89280
Conc: 0.65 ug/ml



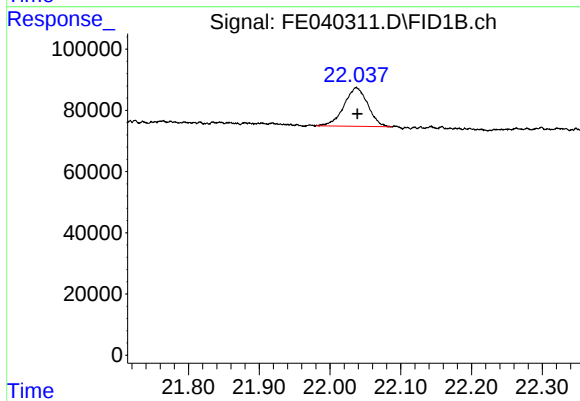
#20 n-Hexatriacontane (C36)

R.T.: 20.411 min
Delta R.T.: 0.002 min
Response: 164521
Conc: 1.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.002 min
Response: 197738
Conc: 1.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.002 min
Response: 295545
Conc: 2.23 ug/ml