Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021723AL\
Data File : FE040429.D
Signal(s) : FID1B.ch
Acq On : 18 Feb 2023 02:15
Operator : YP\AJ
Sample : O1587-02DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 18 03:03:13 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)	11.888	426287	2.634 ug/ml
Spiked Amount	50.000		Recovery =	5.27%
12) S	1-chlorooctadecane (S...	13.313	1029277	8.299 ug/ml
Spiked Amount	50.000		Recovery =	16.60%
	Target Compounds			
6) T	n-Tetradecane (C14)	8.523	106116	0.770 ug/ml
7) T	n-Hexadecane (C16)	10.130	174001	1.212 ug/ml
8) T	n-Octadecane (C18)	11.572	150032	1.009 ug/ml
10) T	n-Eicosane (C20)	12.882	121751	0.828 ug/ml
11) T	n-Heneicosane (C21)	13.494	112150	0.760 ug/ml
13) T	n-Docosane (C22)	14.081	64988	0.439 ug/ml
14) T	n-Tetracosane (C24)	15.184	113824	0.750 ug/ml
16) T	n-Octacosane (C28)	17.158	21498	0.143 ug/ml
17) T	n-Tricontane (C30)	18.045	28822	0.195 ug/ml
18) T	n-Dotriacontane (C32)	18.878	282192	1.927 ug/ml
19) T	n-Tetratriacontane (C34)	19.656	66541	0.484 ug/ml
20) T	n-Hexatriacontane (C36)	20.340f	51356	0.387 ug/ml
21) T	n-Octatriacontane (C38)	21.140	46574	0.359 ug/ml
22) T	n-Tetracontane (C40)	22.027	346524	2.610 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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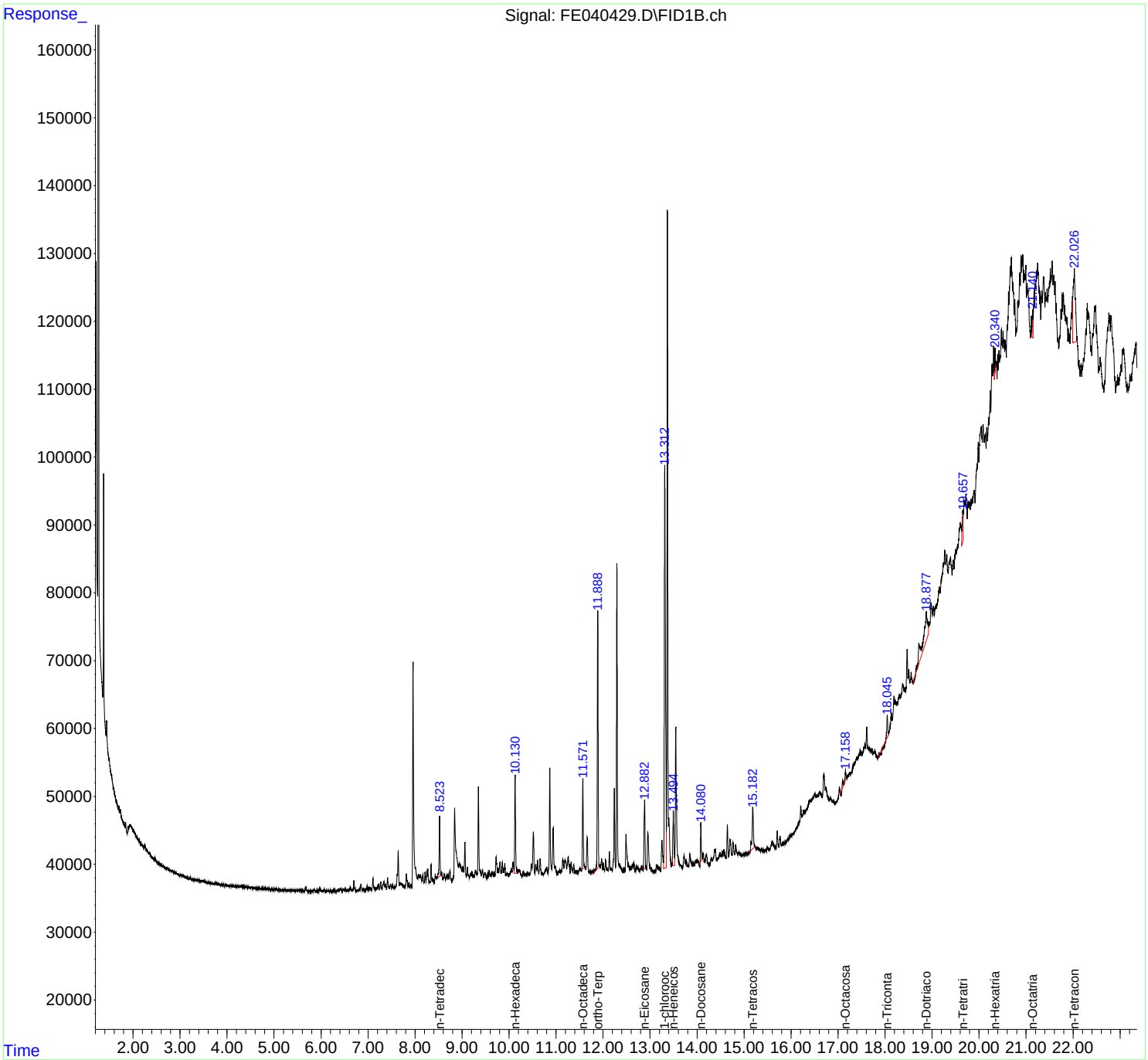
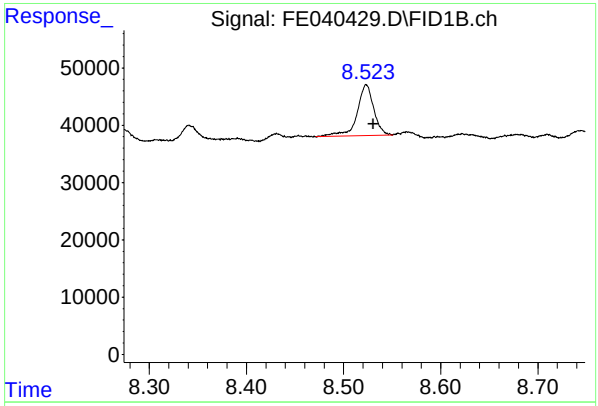
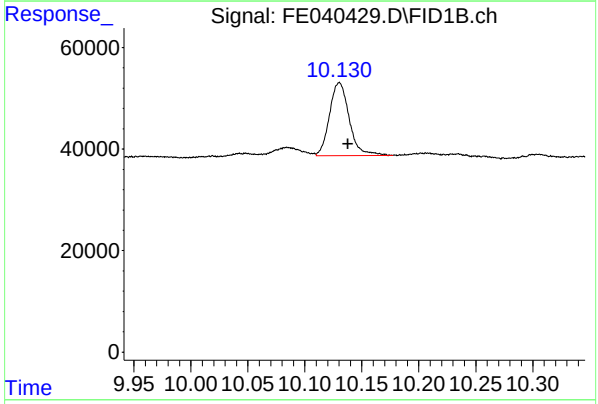




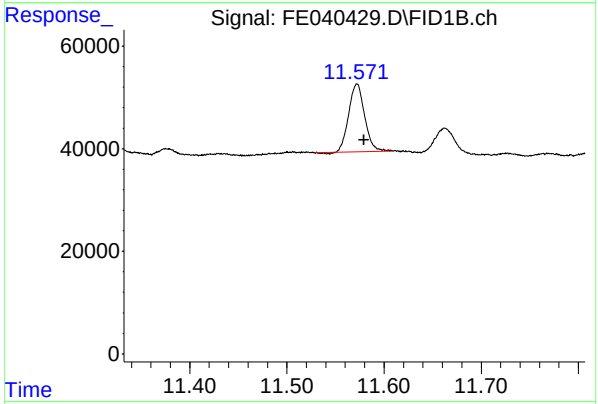
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.007 min
Response: 106116
Conc: 0.77 ug/ml



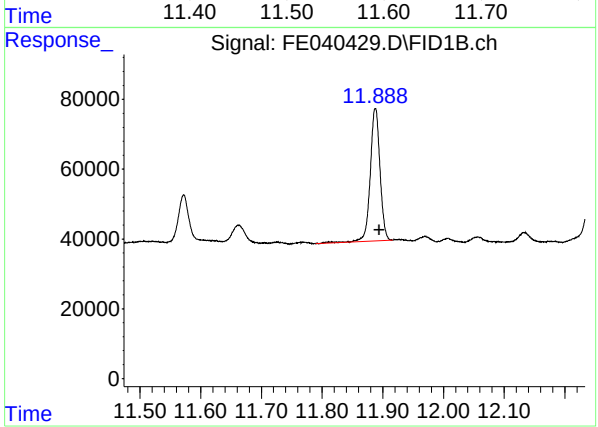
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.008 min
Response: 174001
Conc: 1.21 ug/ml



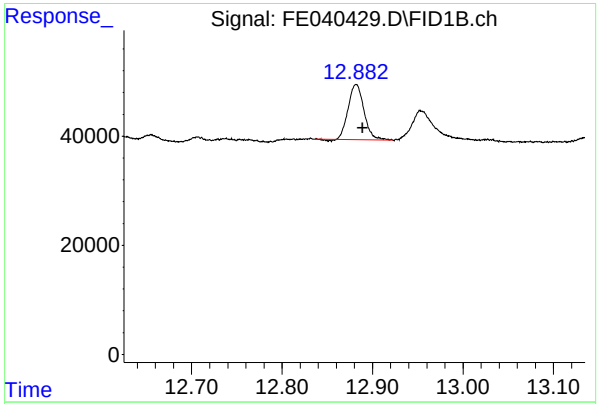
#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: -0.007 min
Response: 150032
Conc: 1.01 ug/ml



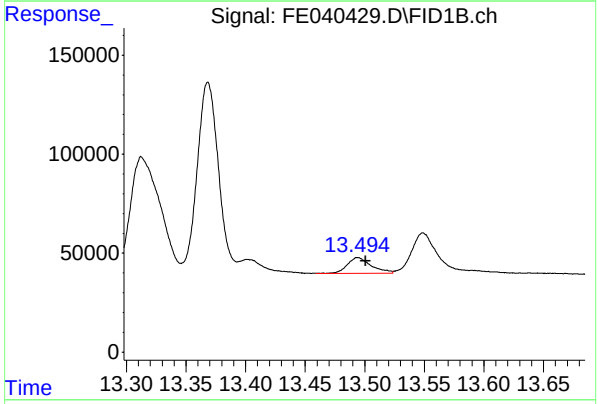
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: -0.007 min
Response: 426287
Conc: 2.63 ug/ml



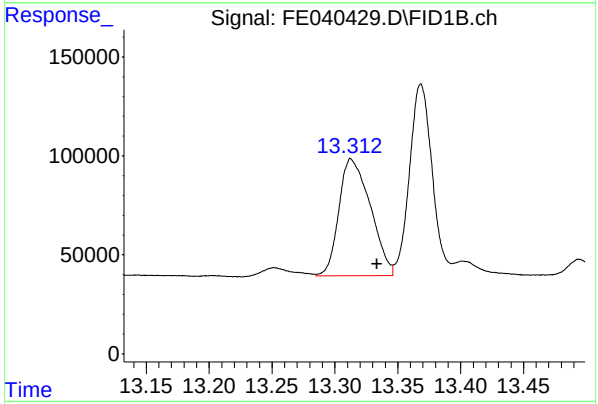
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.007 min
Response: 121751
Conc: 0.83 ug/ml



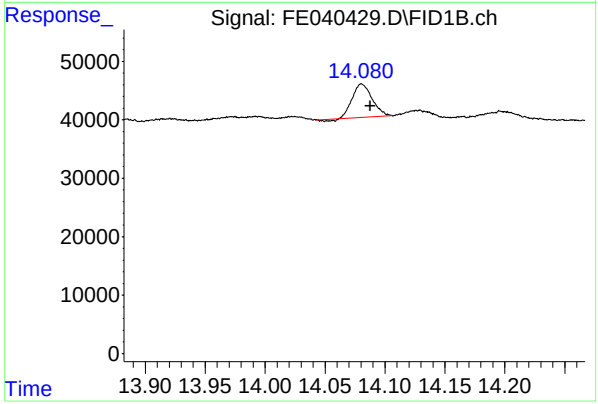
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.006 min
Response: 112150
Conc: 0.76 ug/ml



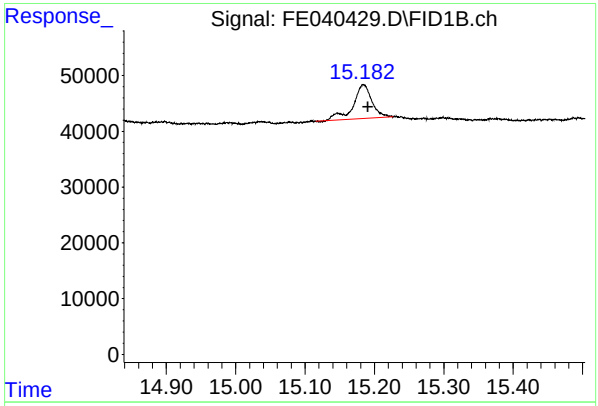
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.021 min
Response: 1029277
Conc: 8.30 ug/ml



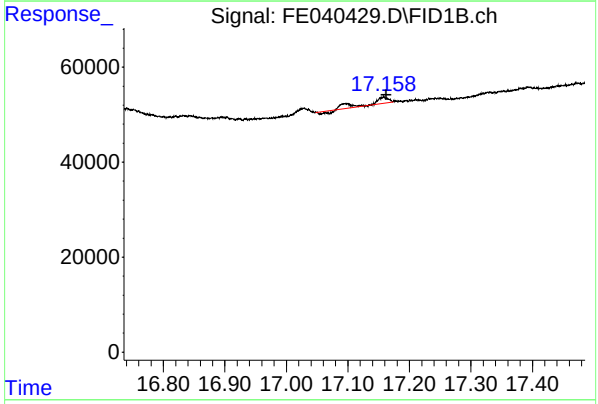
#13 n-Docosane (C22)

R.T.: 14.081 min
Delta R.T.: -0.007 min
Response: 64988
Conc: 0.44 ug/ml



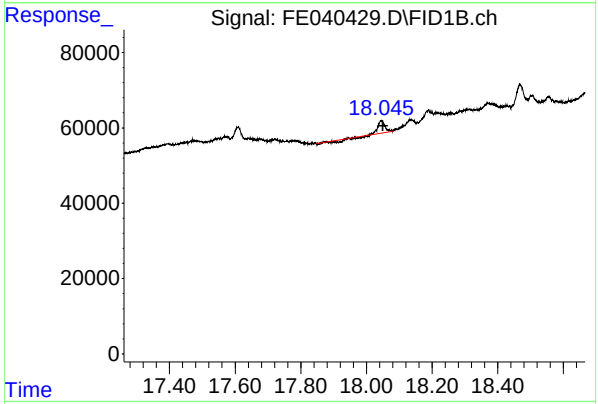
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.007 min
Response: 113824
Conc: 0.75 ug/ml



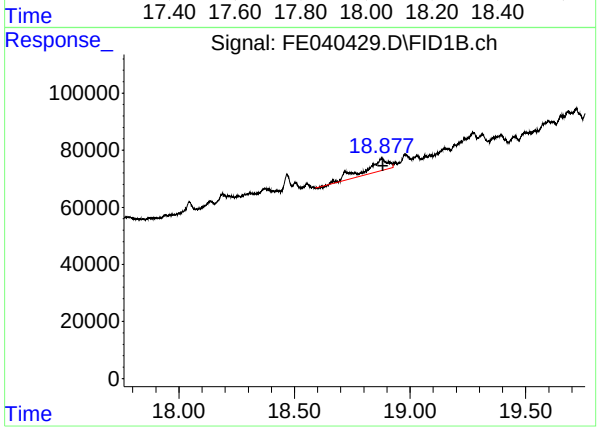
#16 n-Octacosane (C28)

R.T.: 17.158 min
Delta R.T.: -0.004 min
Response: 21498
Conc: 0.14 ug/ml



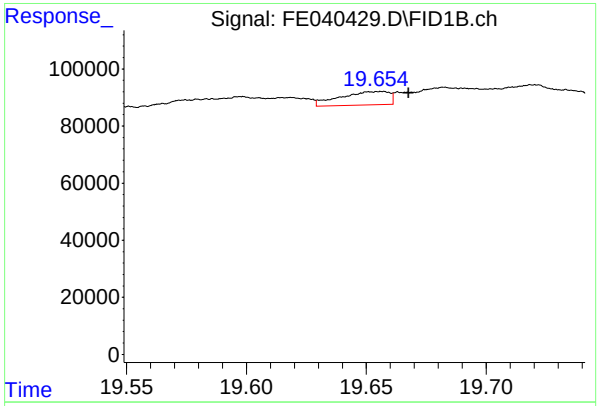
#17 n-Tricontane (C30)

R.T.: 18.045 min
Delta R.T.: -0.005 min
Response: 28822
Conc: 0.20 ug/ml



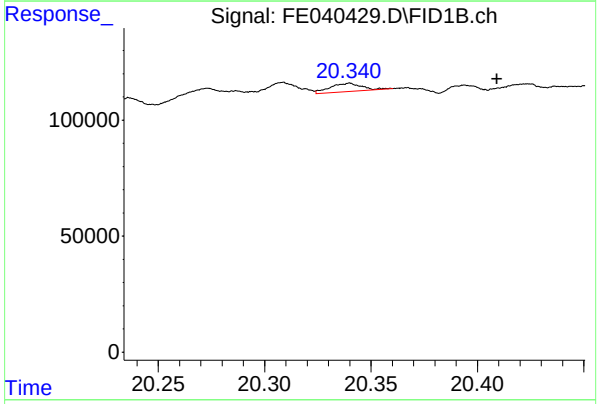
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: -0.005 min
Response: 282192
Conc: 1.93 ug/ml



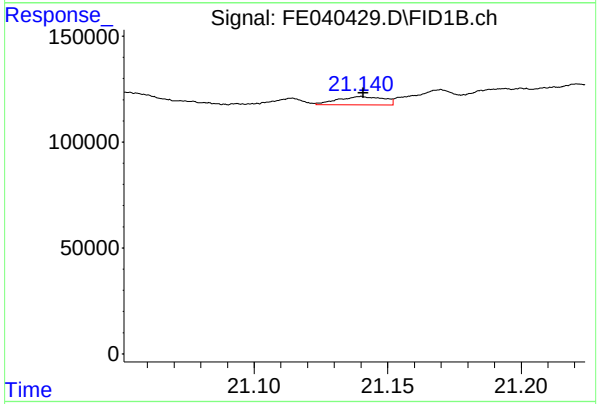
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.011 min
Response: 66541
Conc: 0.48 ug/ml



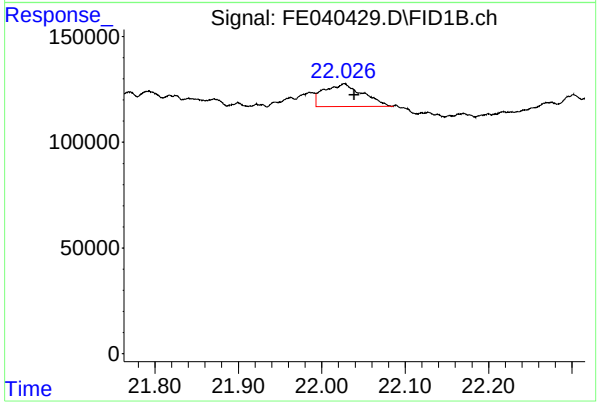
#20 n-Hexatriacontane (C36)

R.T.: 20.340 min
Delta R.T.: -0.069 min
Response: 51356
Conc: 0.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: 0.000 min
Response: 46574
Conc: 0.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: -0.012 min
Response: 346524
Conc: 2.61 ug/ml