

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030724AL\
 Data File : FE047127.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2024 07:44
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 00:22:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.784	371871	2.263 ug/ml
Spiked Amount 50.000		Recovery =	4.53%
12) S 1-chlorooctadecane (S...	13.246	79255	0.644 ug/ml
Spiked Amount 50.000		Recovery =	1.29%
Target Compounds			
8) T n-Octadecane (C18)	11.461	52107	0.327 ug/ml
10) T n-Eicosane (C20)	12.775	276375	1.826 ug/ml
11) T n-Heneicosane (C21)	13.385	442033	2.985 ug/ml
13) T n-Docosane (C22)	13.974	392889	2.700 ug/ml
14) T n-Tetracosane (C24)	15.081	301274	2.110 ug/ml
15) T n-Hexacosane (C26)	16.103	278776	1.995 ug/ml
16) T n-Octacosane (C28)	17.054	74337	0.546 ug/ml
17) T n-Tricontane (C30)	17.941	249192	1.786 ug/ml
18) T n-Dotriacontane (C32)	18.775	298422	2.169 ug/ml
19) T n-Tetratriacontane (C34)	19.562	147578	1.099 ug/ml
20) T n-Hexatriacontane (C36)	20.304	110290	0.828 ug/ml
21) T n-Octatriacontane (C38)	21.017	34909	0.253 ug/ml
22) T n-Tetracontane (C40)	21.898	26761	0.190 ug/ml

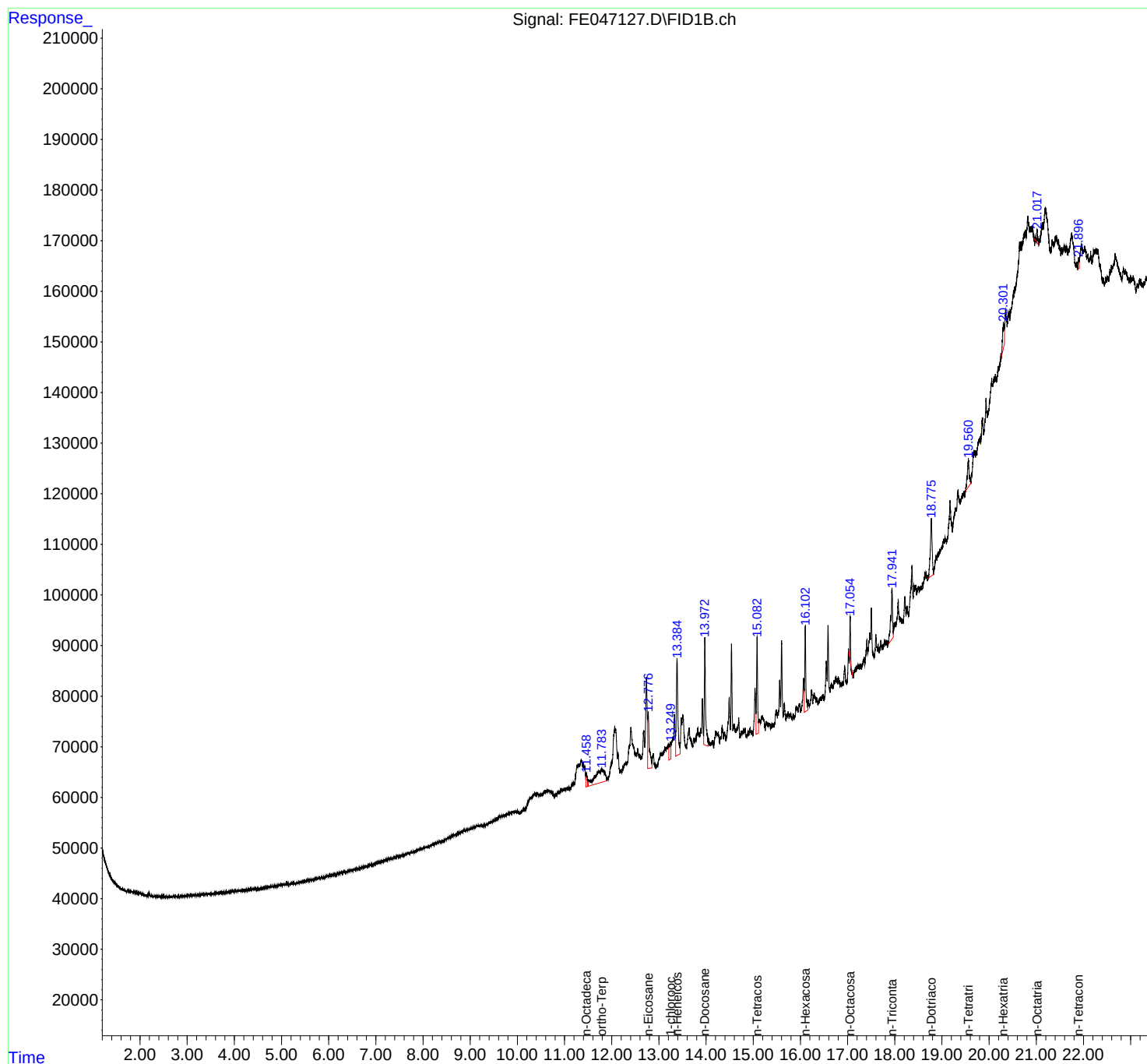
(f)=RT Delta > 1/2 Window

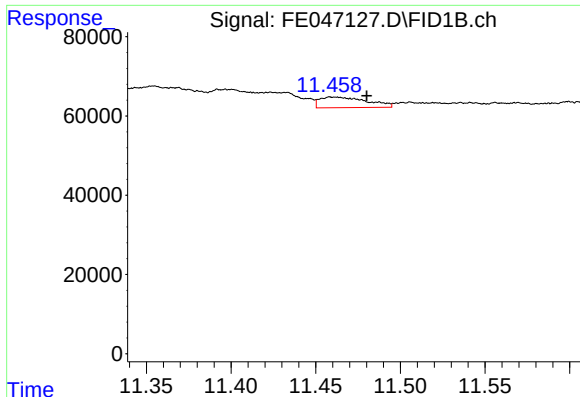
(m)=manual int.

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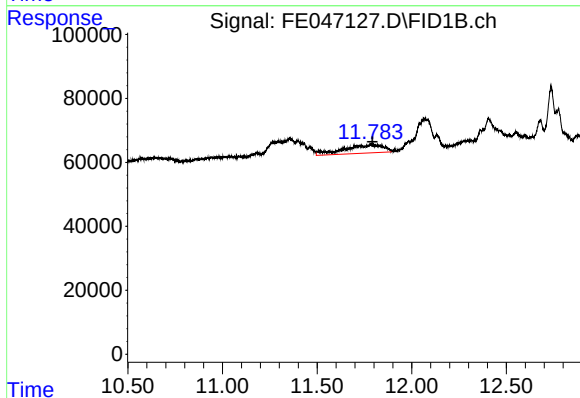
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





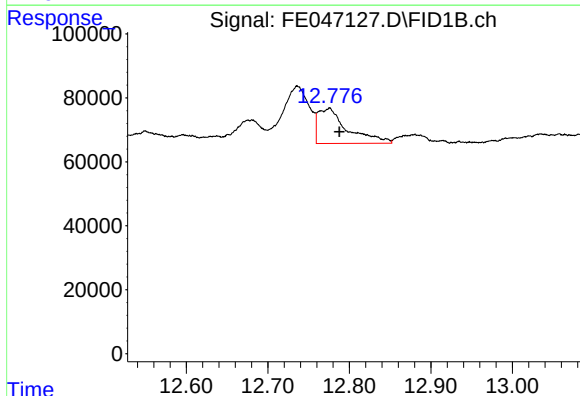
#8 n-Octadecane (C18)

R.T.: 11.461 min
Delta R.T.: -0.019 min
Response: 52107
Conc: 0.33 ug/ml



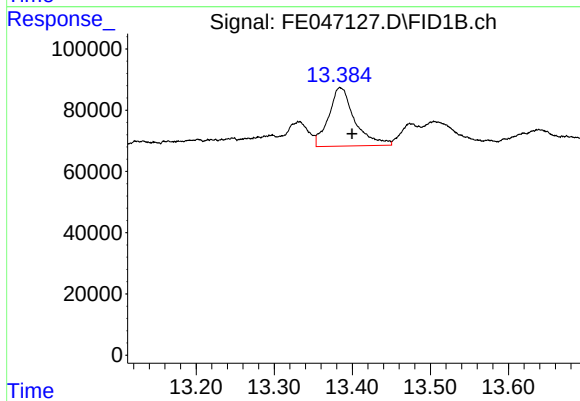
#9 ortho-Terphenyl (SURR)

R.T.: 11.784 min
Delta R.T.: -0.008 min
Response: 371871
Conc: 2.26 ug/ml



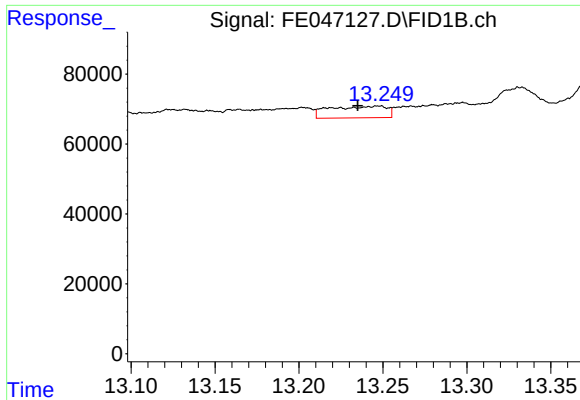
#10 n-Eicosane (C20)

R.T.: 12.775 min
Delta R.T.: -0.013 min
Response: 276375
Conc: 1.83 ug/ml



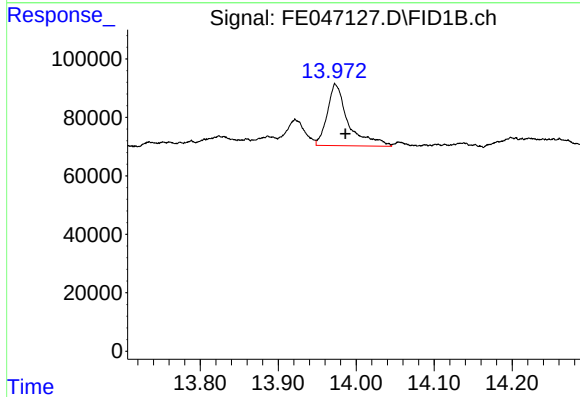
#11 n-Heneicosane (C21)

R.T.: 13.385 min
Delta R.T.: -0.015 min
Response: 442033
Conc: 2.99 ug/ml



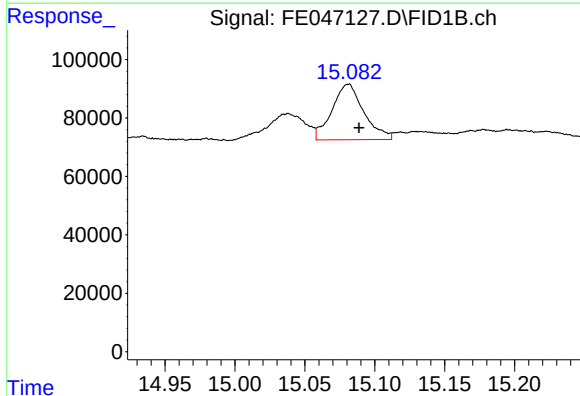
#12 1-chlorooctadecane (SURR)

R.T.: 13.246 min
Delta R.T.: 0.011 min
Response: 79255
Conc: 0.64 ug/ml



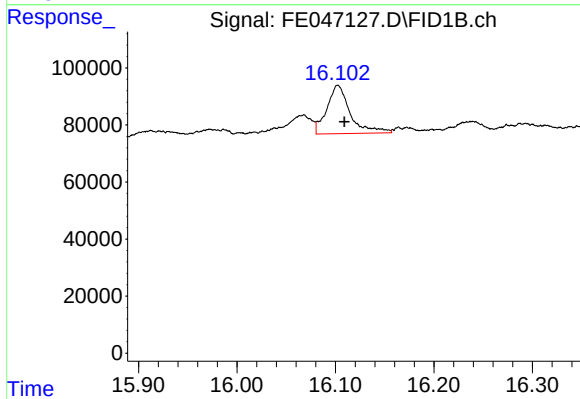
#13 n-Docosane (C22)

R.T.: 13.974 min
Delta R.T.: -0.012 min
Response: 392889
Conc: 2.70 ug/ml



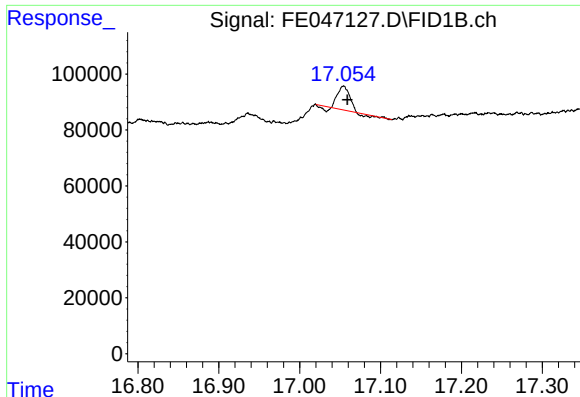
#14 n-Tetracosane (C24)

R.T.: 15.081 min
Delta R.T.: -0.008 min
Response: 301274
Conc: 2.11 ug/ml



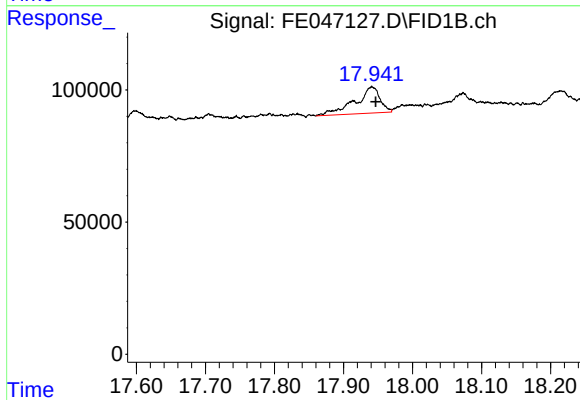
#15 n-Hexacosane (C26)

R.T.: 16.103 min
Delta R.T.: -0.007 min
Response: 278776
Conc: 1.99 ug/ml



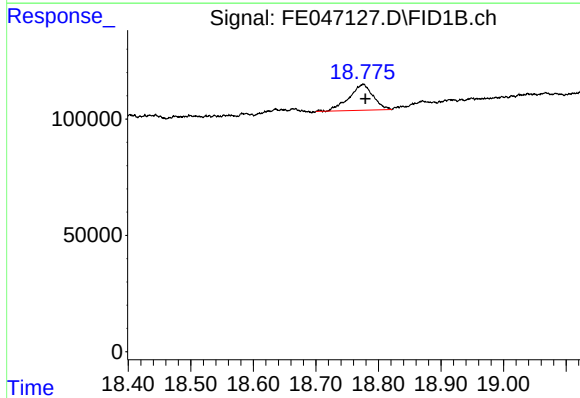
#16 n-Octacosane (C28)

R.T.: 17.054 min
Delta R.T.: -0.005 min
Response: 74337
Conc: 0.55 ug/ml



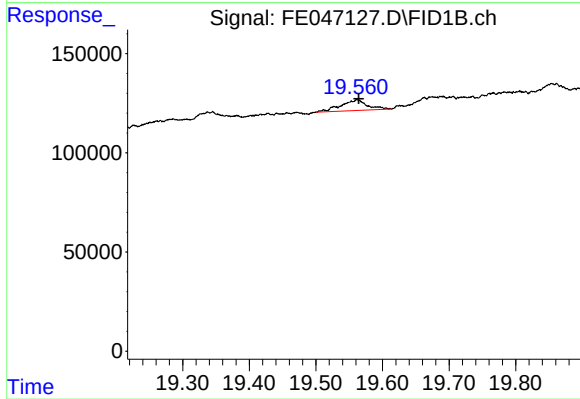
#17 n-Tricontane (C30)

R.T.: 17.941 min
Delta R.T.: -0.005 min
Response: 249192
Conc: 1.79 ug/ml



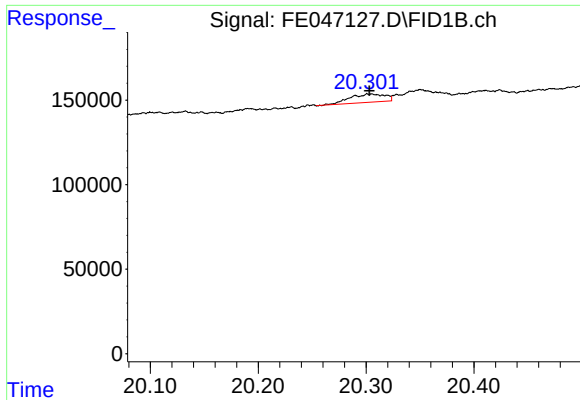
#18 n-Dotriacontane (C32)

R.T.: 18.775 min
Delta R.T.: -0.004 min
Response: 298422
Conc: 2.17 ug/ml



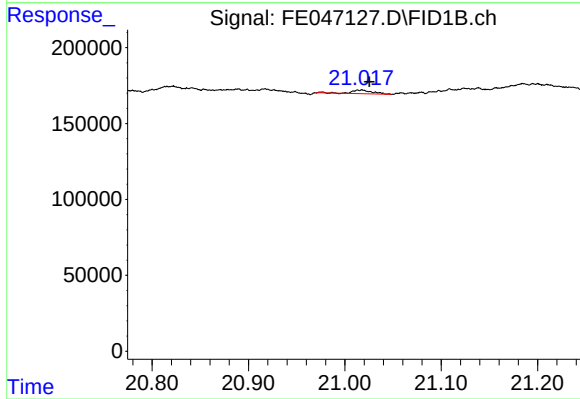
#19 n-Tetratriacontane (C34)

R.T.: 19.562 min
Delta R.T.: -0.002 min
Response: 147578
Conc: 1.10 ug/ml



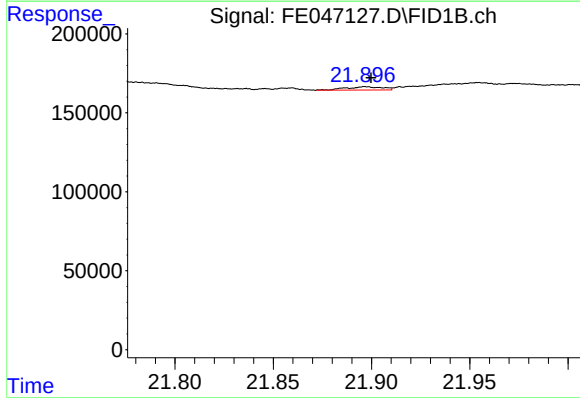
#20 n-Hexatriacontane (C36)

R.T.: 20.304 min
Delta R.T.: 0.001 min
Response: 110290
Conc: 0.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.017 min
Delta R.T.: -0.009 min
Response: 34909
Conc: 0.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: -0.002 min
Response: 26761
Conc: 0.19 ug/ml