

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120123AL\
 Data File : FE045618.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2023 16:18
 Operator : YP\AJ
 Sample : 05586-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 01 22:13:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.864	4566131	21.835 ug/ml
Spiked Amount 50.000		Recovery =	43.67%
12) S 1-chlorooctadecane (S...	13.307	3376937	21.462 ug/ml
Spiked Amount 50.000		Recovery =	42.92%
Target Compounds			
7) T n-Hexadecane (C16)	10.105	91141	0.550 ug/ml
8) T n-Octadecane (C18)	11.548	170695	0.996 ug/ml
10) T n-Eicosane (C20)	12.862	188745	1.091 ug/ml
11) T n-Heneicosane (C21)	13.476	122667	0.713 ug/ml
13) T n-Docosane (C22)	14.061	263399	1.528 ug/ml
14) T n-Tetracosane (C24)	15.172	426371	2.442 ug/ml
15) T n-Hexacosane (C26)	16.197	847461	4.866 ug/ml
16) T n-Octacosane (C28)	17.164	2096475	12.130 ug/ml
17) T n-Tricontane (C30)	18.030	1350683	7.720 ug/ml
18) T n-Dotriacontane (C32)	18.858	260302	1.427 ug/ml
19) T n-Tetratriacontane (C34)	19.675	628295	3.786 ug/ml
20) T n-Hexatriacontane (C36)	20.430	8242	0.052 ug/ml

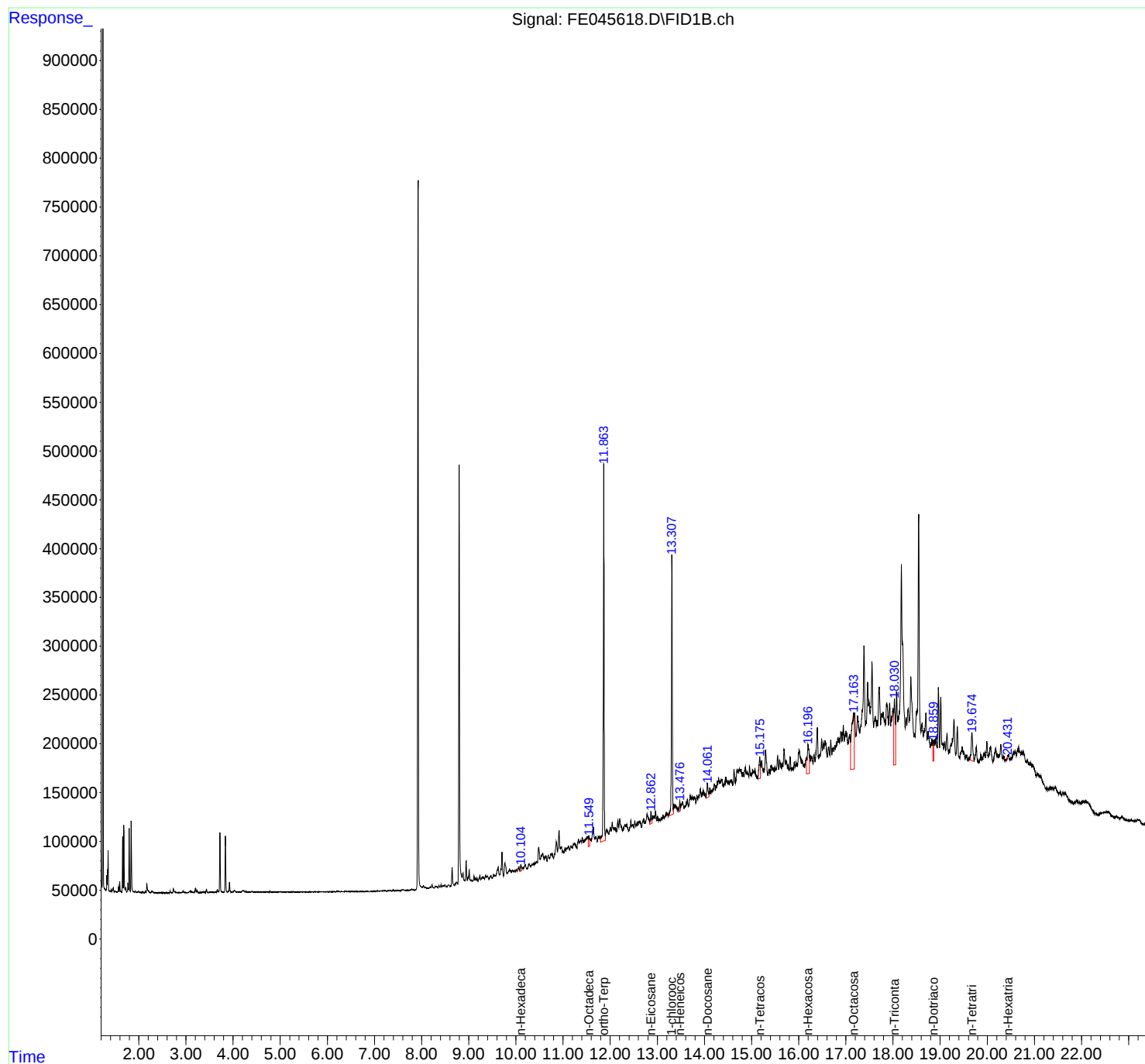
(f)=RT Delta > 1/2 Window

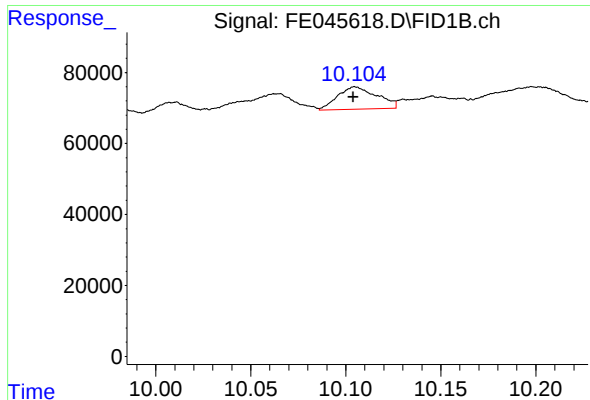
(m)=manual int.

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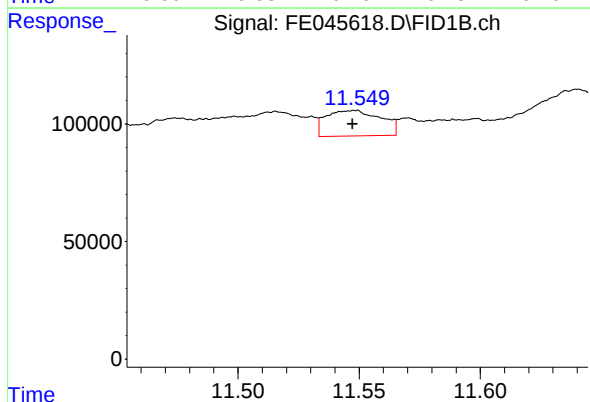
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





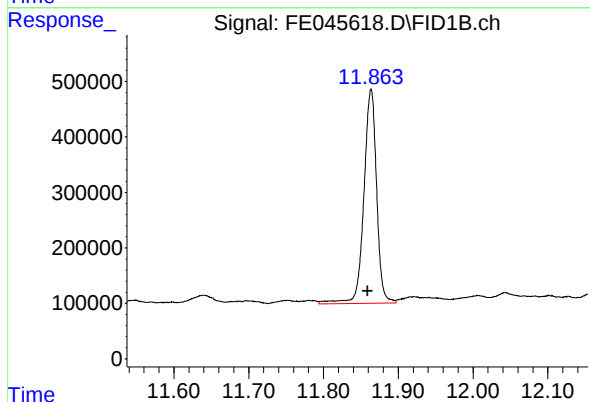
#7 n-Hexadecane (C16)

R.T.: 10.105 min
Delta R.T.: 0.000 min
Response: 91141
Conc: 0.55 ug/ml



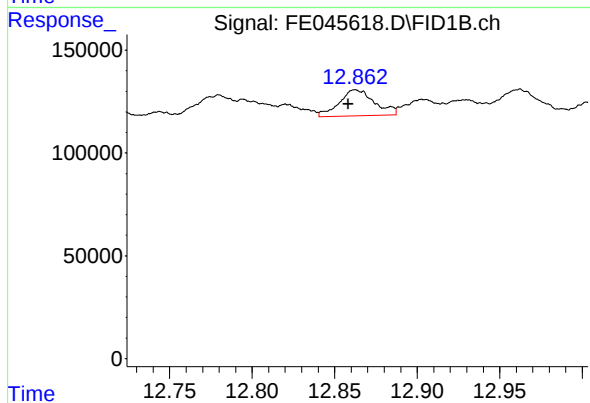
#8 n-Octadecane (C18)

R.T.: 11.548 min
Delta R.T.: 0.000 min
Response: 170695
Conc: 1.00 ug/ml



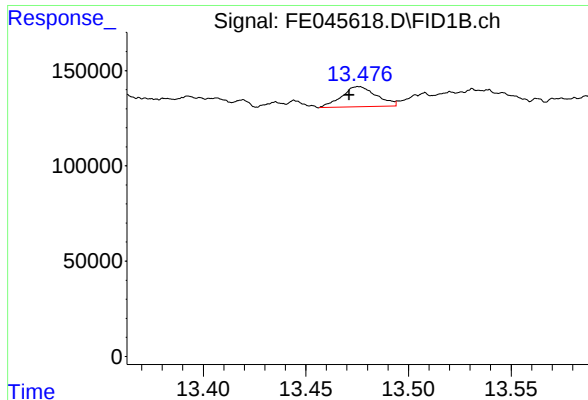
#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: 0.005 min
Response: 4566131
Conc: 21.84 ug/ml



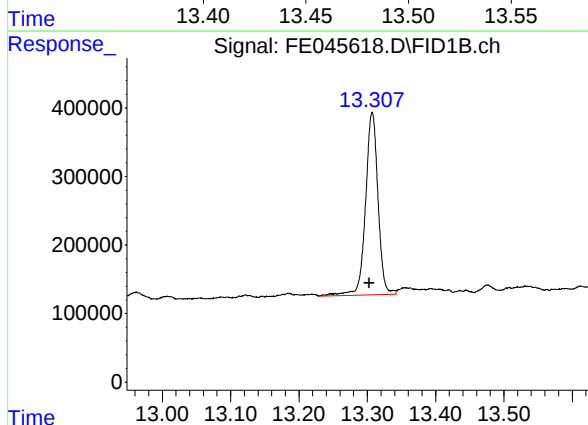
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: 0.004 min
Response: 188745
Conc: 1.09 ug/ml



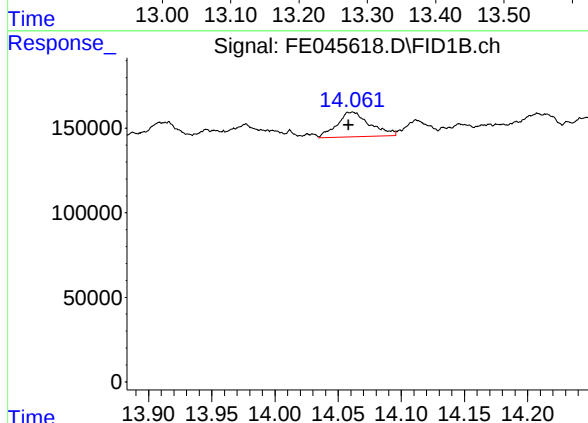
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: 0.005 min
Response: 122667
Conc: 0.71 ug/ml



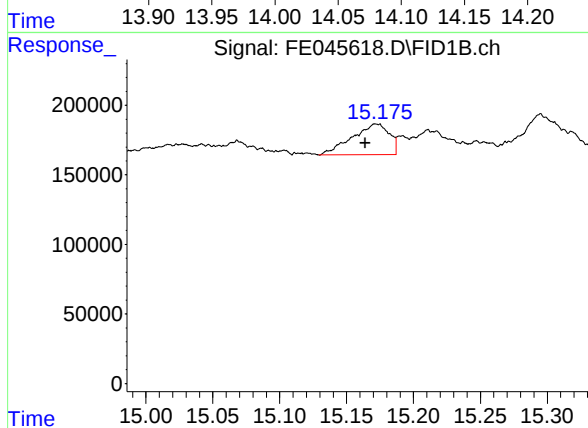
#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: 0.004 min
Response: 3376937
Conc: 21.46 ug/ml



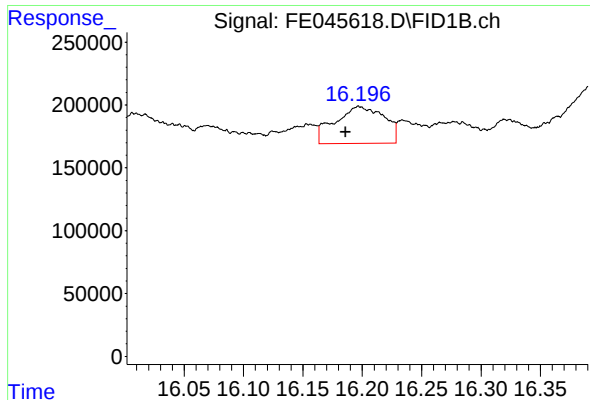
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: 0.003 min
Response: 263399
Conc: 1.53 ug/ml



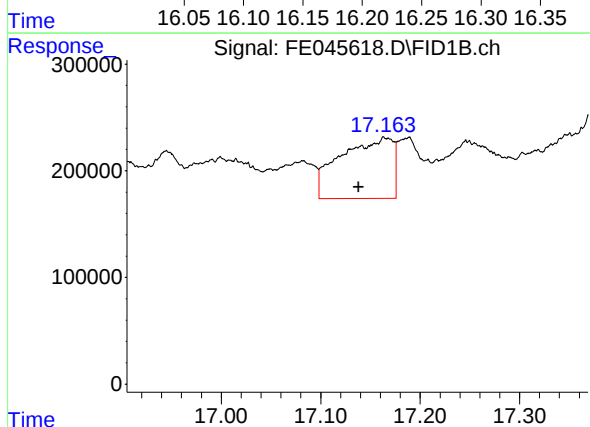
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: 0.008 min
Response: 426371
Conc: 2.44 ug/ml



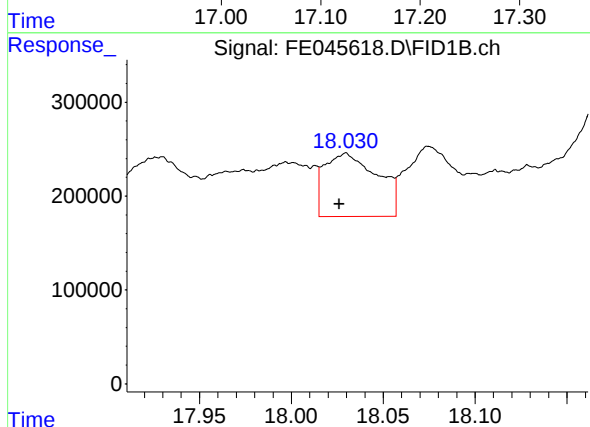
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.011 min
Response: 847461
Conc: 4.87 ug/ml



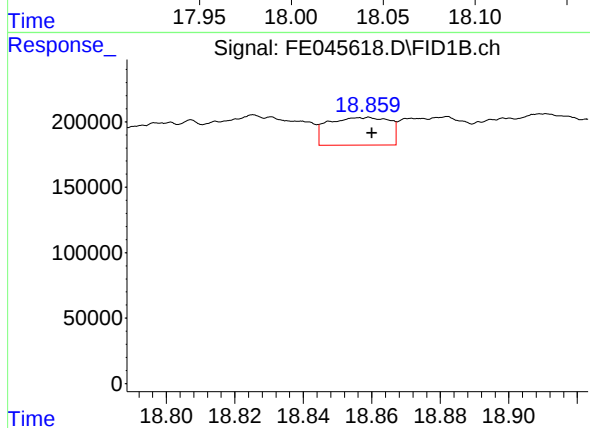
#16 n-Octacosane (C28)

R.T.: 17.164 min
Delta R.T.: 0.026 min
Response: 2096475
Conc: 12.13 ug/ml



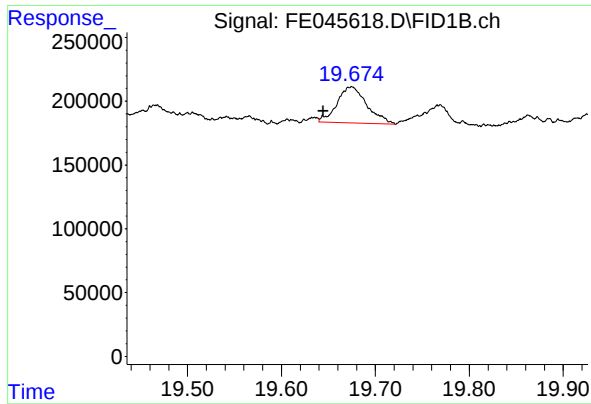
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: 0.004 min
Response: 1350683
Conc: 7.72 ug/ml



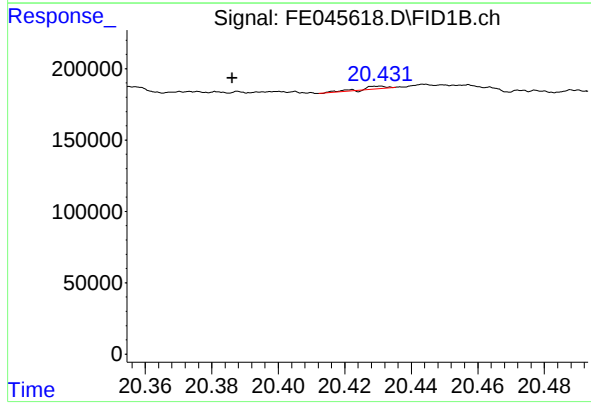
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.002 min
Response: 260302
Conc: 1.43 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: 0.030 min
Response: 628295
Conc: 3.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: 0.044 min
Response: 8242
Conc: 0.05 ug/ml