

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031623AL\
 Data File : FE040849.D
 Signal(s) : FID1B.ch
 Acq On : 16 Mar 2023 23:54
 Operator : YP\AJ
 Sample : 01944-01D
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 03:07:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.875	5824819	31.180 ug/ml
Spiked Amount 50.000		Recovery =	62.36%
12) S 1-chlorooctadecane (S...	13.313	4490005	30.337 ug/ml
Spiked Amount 50.000		Recovery =	60.67%
Target Compounds			
6) T n-Tetradecane (C14)	8.507	42356	0.274 ug/ml
7) T n-Hexadecane (C16)	10.114	52087	0.322 ug/ml
8) T n-Octadecane (C18)	11.557	68388	0.403 ug/ml
10) T n-Eicosane (C20)	12.866	53334	0.315 ug/ml
11) T n-Heneicosane (C21)	13.479	28905	0.169 ug/ml
13) T n-Docosane (C22)	14.065	24541	0.143 ug/ml
14) T n-Tetracosane (C24)	15.172	89750	0.521 ug/ml
15) T n-Hexacosane (C26)	16.190	48776	0.287 ug/ml
16) T n-Octacosane (C28)	17.143	50672	0.302 ug/ml
17) T n-Tricontane (C30)	18.030	13895	0.085 ug/ml
18) T n-Dotriacontane (C32)	18.858	106773	0.624 ug/ml
19) T n-Tetratriacontane (C34)	19.659	43243	0.280 ug/ml
22) T n-Tetracontane (C40)	22.015	156321	1.012 ug/ml

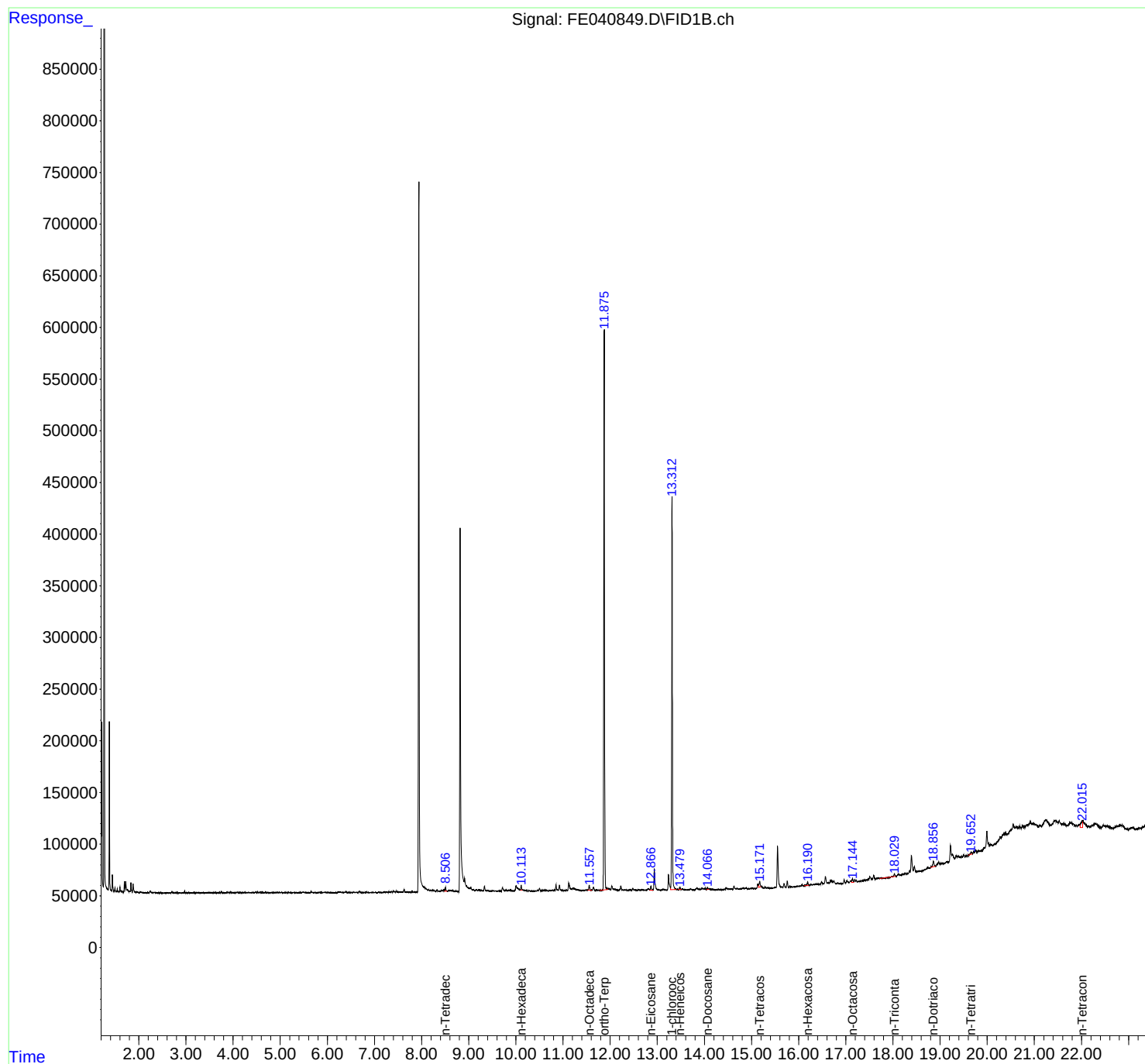
(f)=RT Delta > 1/2 Window

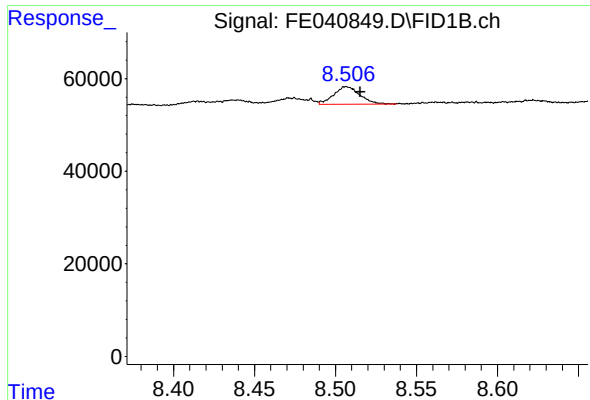
(m)=manual int.

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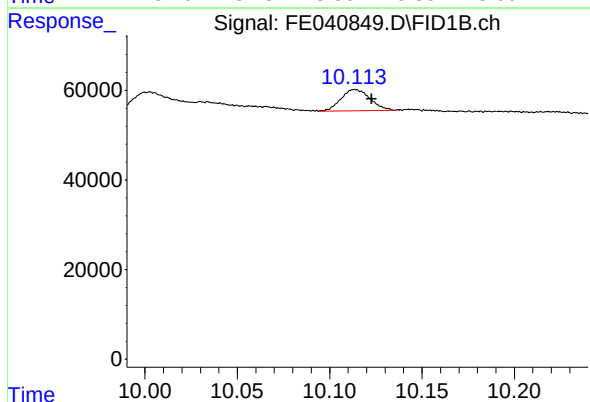
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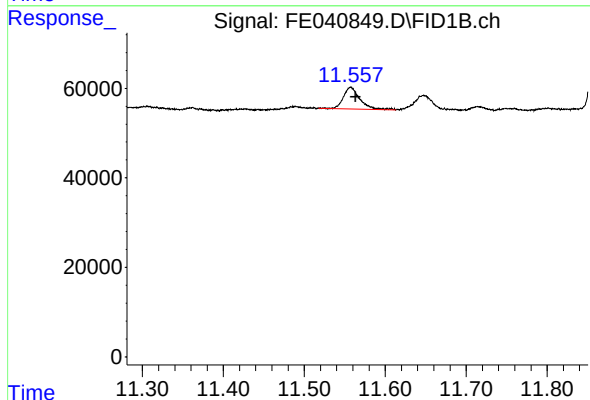
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.009 min
Response: 42356
Conc: 0.27 ug/ml



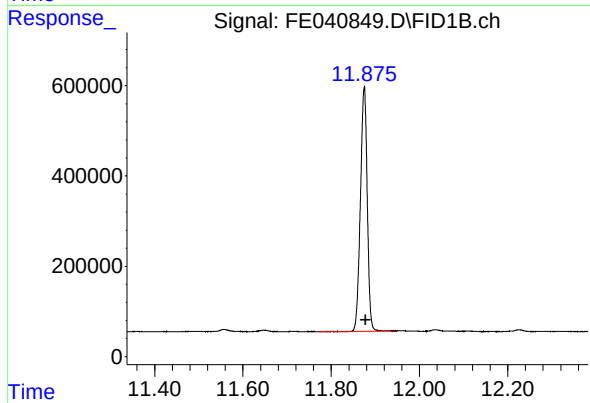
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.009 min
Response: 52087
Conc: 0.32 ug/ml



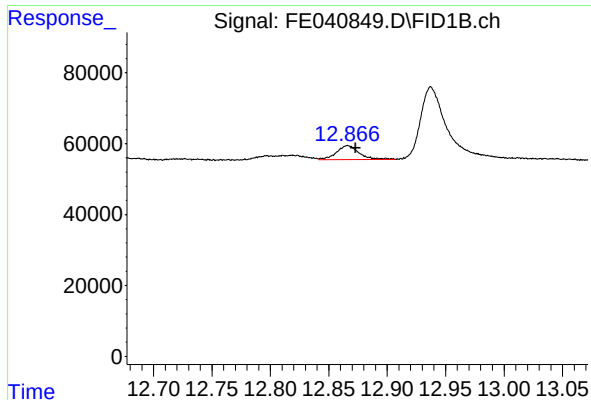
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.006 min
Response: 68388
Conc: 0.40 ug/ml



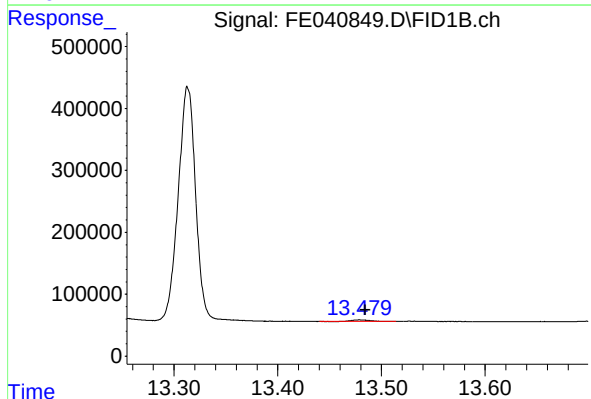
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.004 min
Response: 5824819
Conc: 31.18 ug/ml



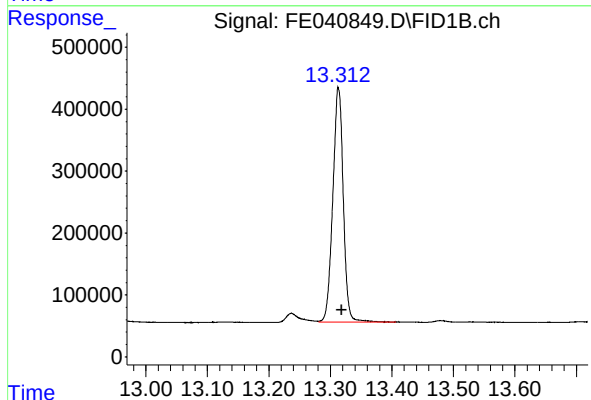
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.007 min
Response: 53334
Conc: 0.32 ug/ml



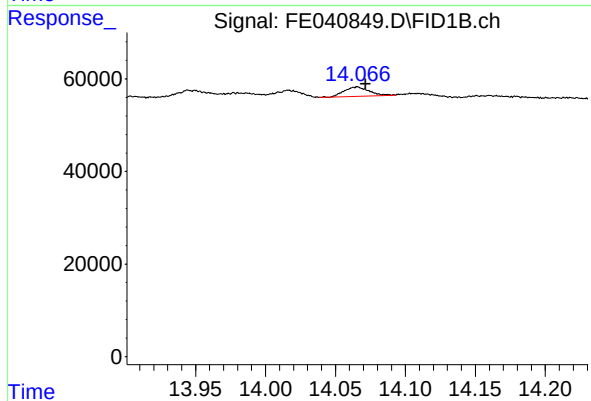
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.005 min
Response: 28905
Conc: 0.17 ug/ml



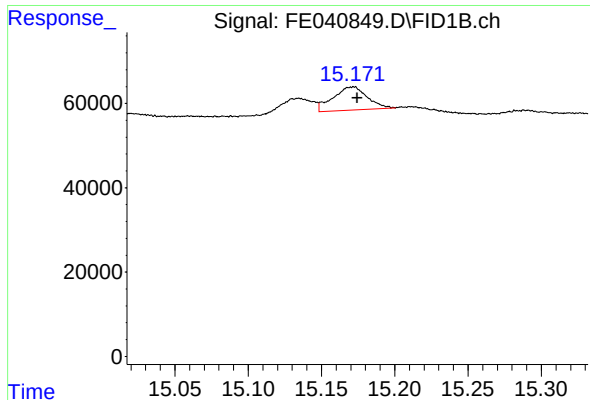
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.005 min
Response: 4490005
Conc: 30.34 ug/ml



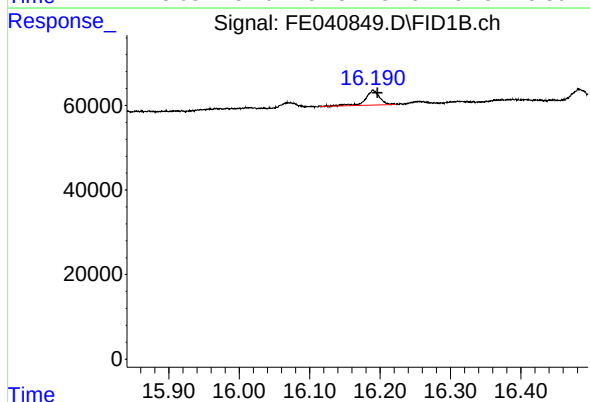
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.006 min
Response: 24541
Conc: 0.14 ug/ml



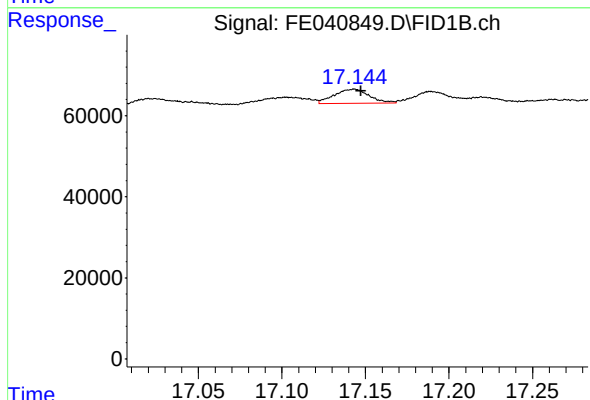
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.003 min
Response: 89750
Conc: 0.52 ug/ml



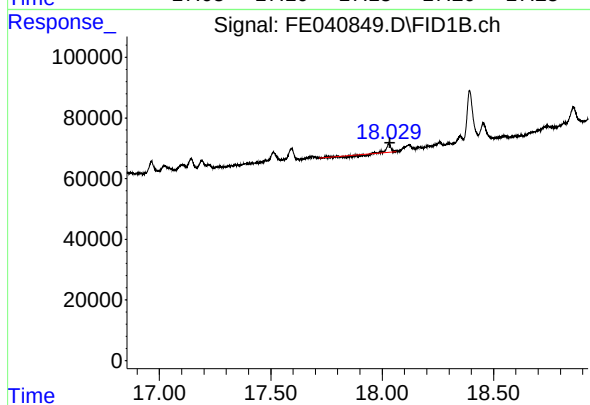
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: -0.006 min
Response: 48776
Conc: 0.29 ug/ml



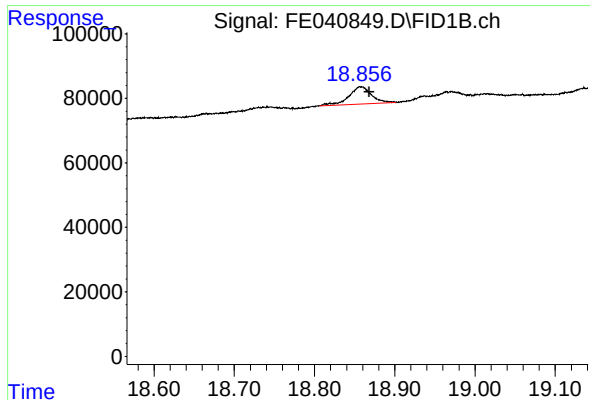
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.004 min
Response: 50672
Conc: 0.30 ug/ml



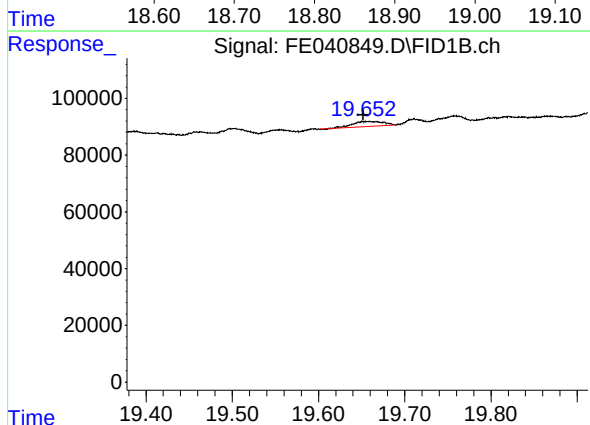
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: -0.006 min
Response: 13895
Conc: 0.09 ug/ml



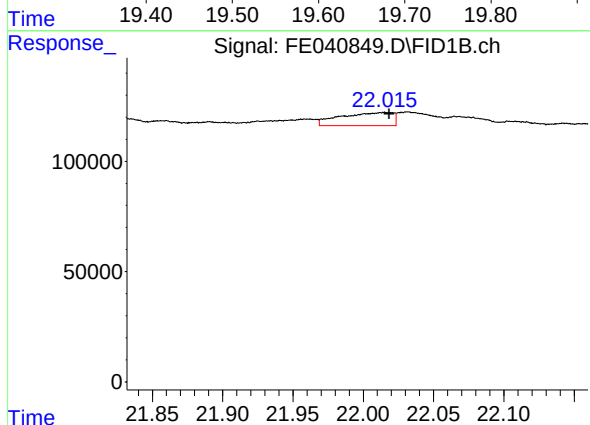
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: -0.010 min
Response: 106773
Conc: 0.62 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.007 min
Response: 43243
Conc: 0.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: -0.003 min
Response: 156321
Conc: 1.01 ug/ml