

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041221AL\
 Data File : FE033569.D
 Signal(s) : FID1B.CH
 Acq On : 12 Apr 2021 13:25
 Operator : DD\AJ
 Sample : M1458-01
 Misc : ALIPHATIC LOD 2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 13 07:49:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 040921.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 23:46:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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			
12) S 1-chlorooctadecane (S...	13.087	14907456	42.198 ug/ml
Spiked Amount 50.000		Recovery =	84.40%
Target Compounds			
1) T n-Nonane (C9)	3.434	934120	2.317 ug/ml
2) T n-Decane (C10)	4.476	947346	2.337 ug/ml
4) T n-Dodecane (C12)	6.482	973209	2.362 ug/ml
6) T n-Tetradecane (C14)	8.277	999414	2.417 ug/ml
7) T n-Hexadecane (C16)	9.877	1017639	2.427 ug/ml
8) T n-Octadecane (C18)	11.319	1069064	2.521 ug/ml
10) T n-Eicosane (C20)	12.630	1025439	2.422 ug/ml
11) T n-Heneicosane (C21)	13.242	1027133	2.395 ug/ml
13) T n-Docosane (C22)	13.828	1019912	2.404 ug/ml
14) T n-Tetracosane (C24)	14.931	998962	2.371 ug/ml
15) T n-Hexacosane (C26)	15.952	968449	2.318 ug/ml
16) T n-Octacosane (C28)	16.903	919354	2.295 ug/ml
17) T n-Tricontane (C30)	17.791	926789	2.267 ug/ml
18) T n-Dotriacontane (C32)	18.624	878621	2.167 ug/ml
19) T n-Tetratriacontane (C34)	19.409	763543	<MDL ug/ml
20) T n-Hexatriacontane (C36)	20.149	599811	<MDL ug/ml
21) T n-Octatriacontane (C38)	20.894	504165	<MDL ug/ml
22) T n-Tetracontane (C40)	21.823	344324	<MDL ug/ml

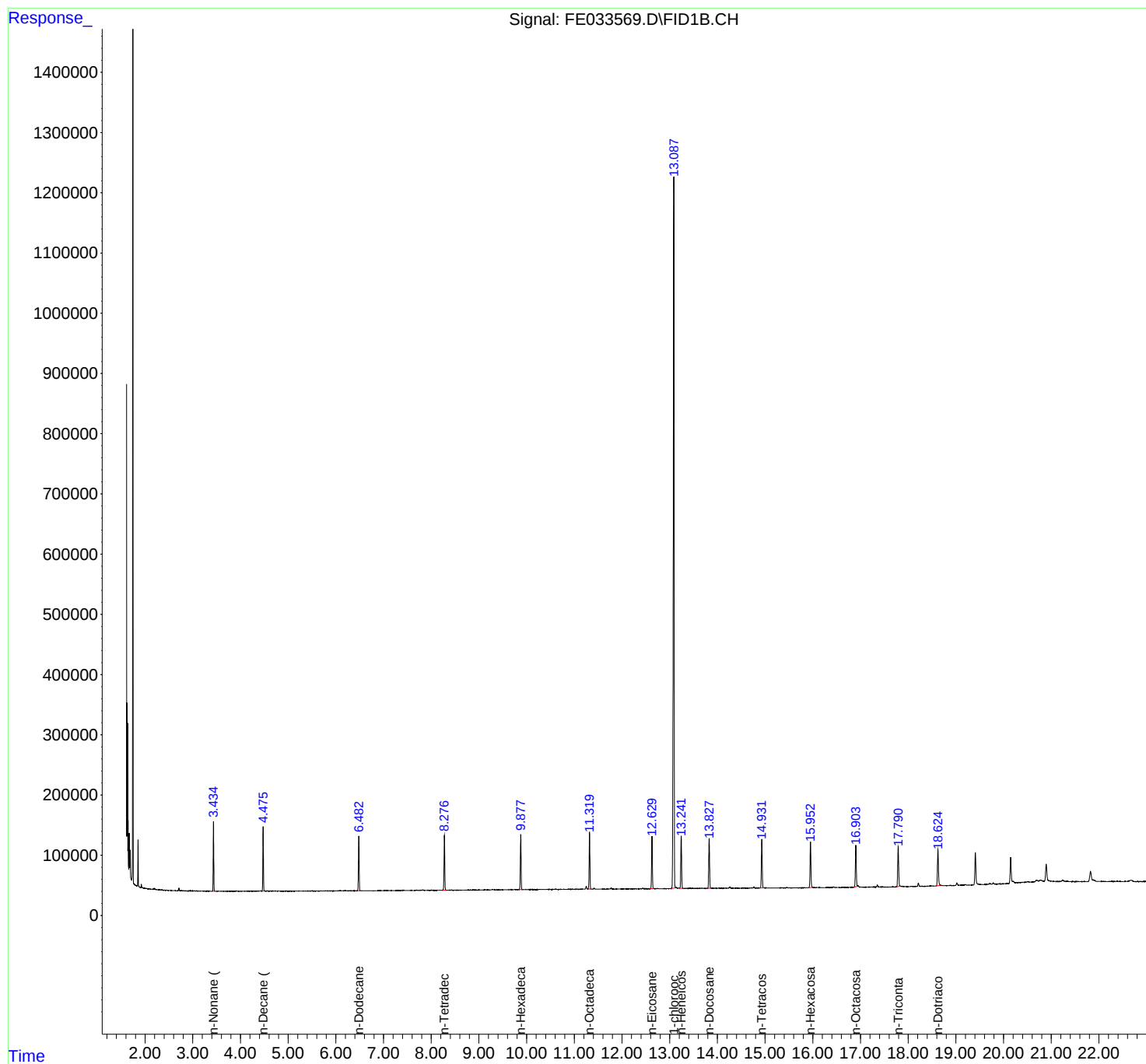
(f)=RT Delta > 1/2 Window

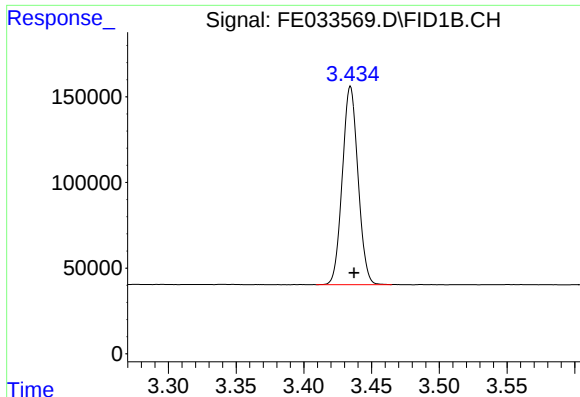
(m)=manual int.

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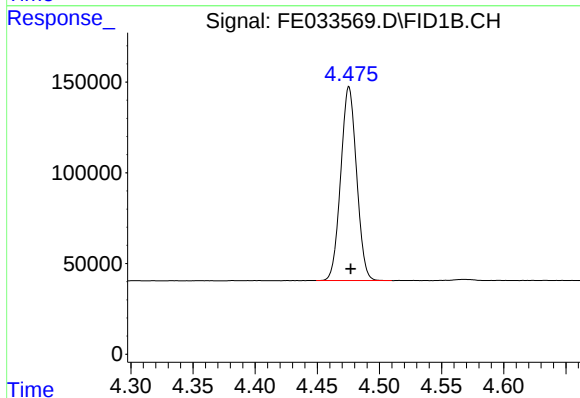
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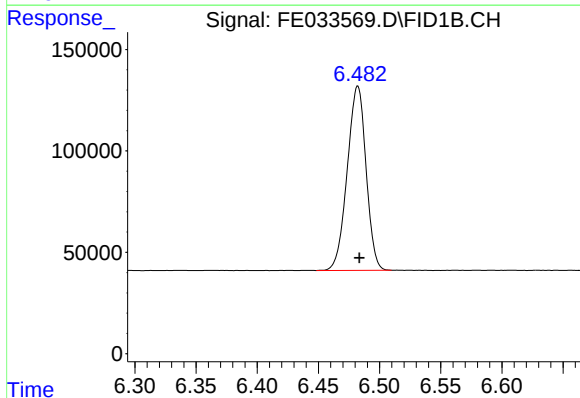
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: -0.003 min
Response: 934120
Conc: 2.32 ug/ml



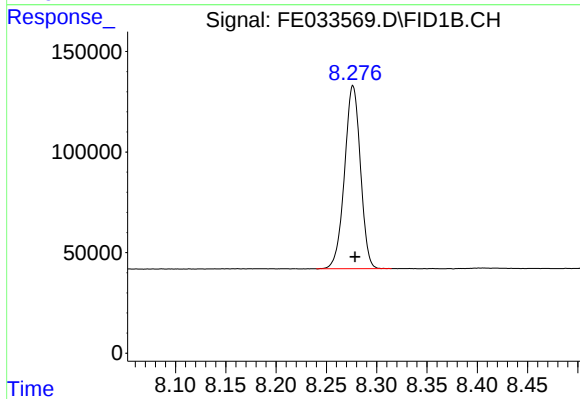
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 947346
Conc: 2.34 ug/ml



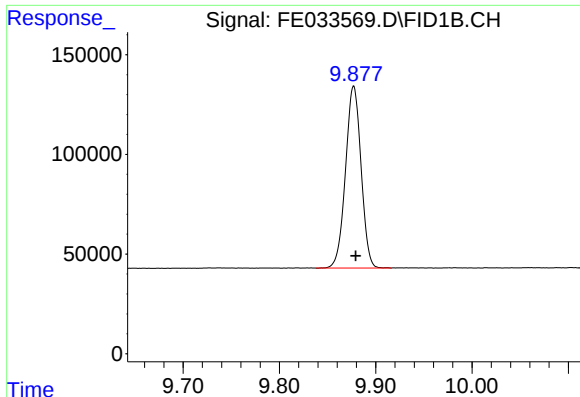
#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: -0.001 min
Response: 973209
Conc: 2.36 ug/ml



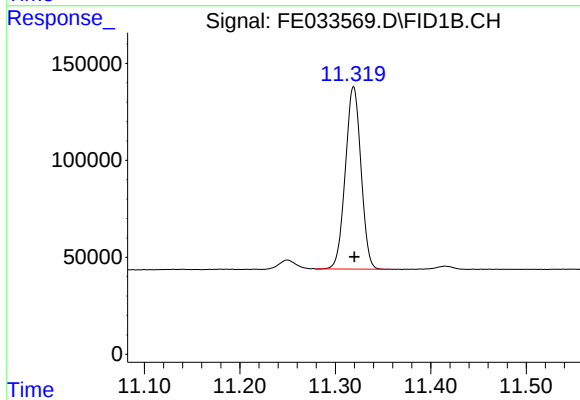
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 999414
Conc: 2.42 ug/ml



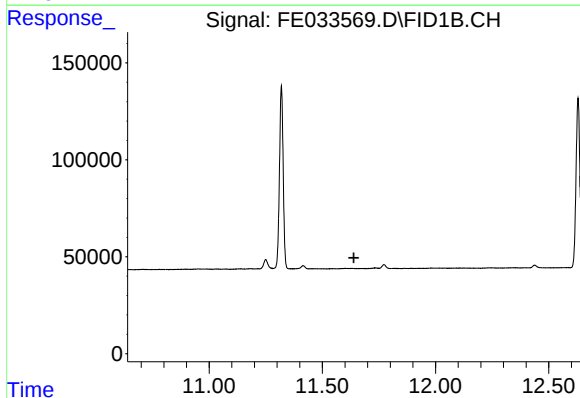
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.002 min
Response: 1017639
Conc: 2.43 ug/ml



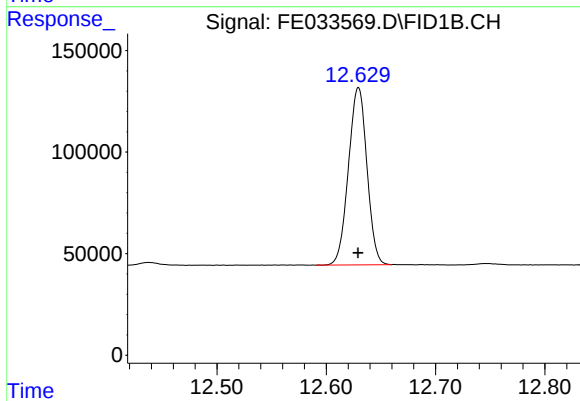
#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: 0.000 min
Response: 1069064
Conc: 2.52 ug/ml



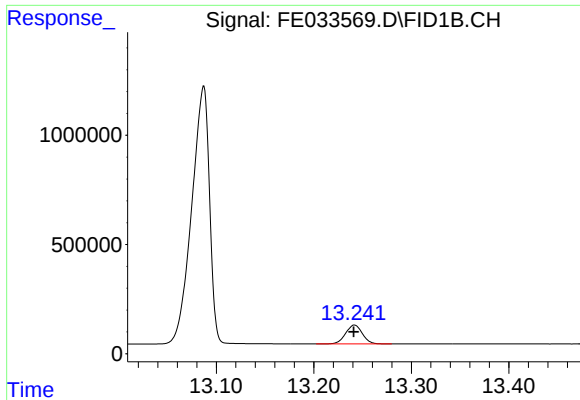
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.639 min
Response: 0
Conc: N.D.



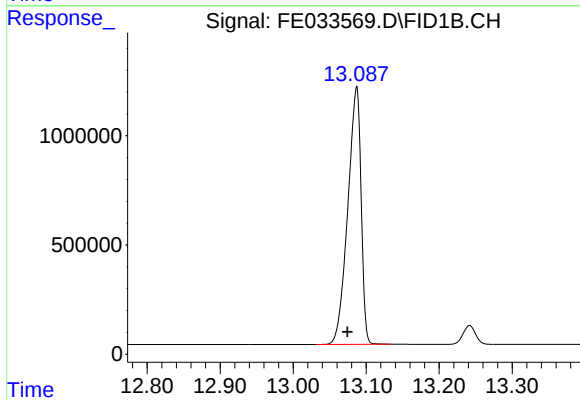
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: 0.000 min
Response: 1025439
Conc: 2.42 ug/ml



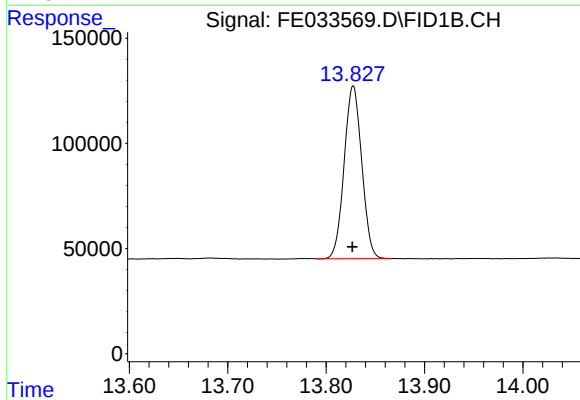
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: 0.000 min
Response: 1027133
Conc: 2.39 ug/ml



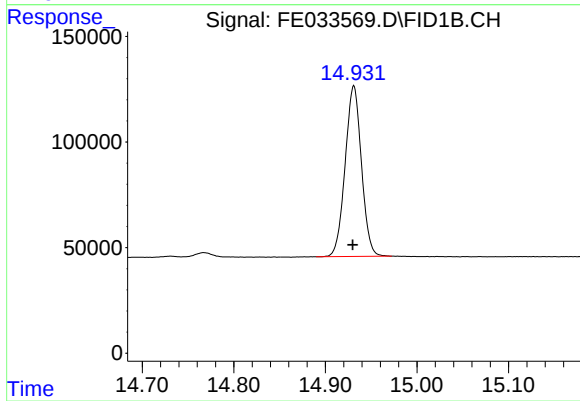
#12 1-chlorooctadecane (SURR)

R.T.: 13.087 min
Delta R.T.: 0.013 min
Response: 14907456
Conc: 42.20 ug/ml



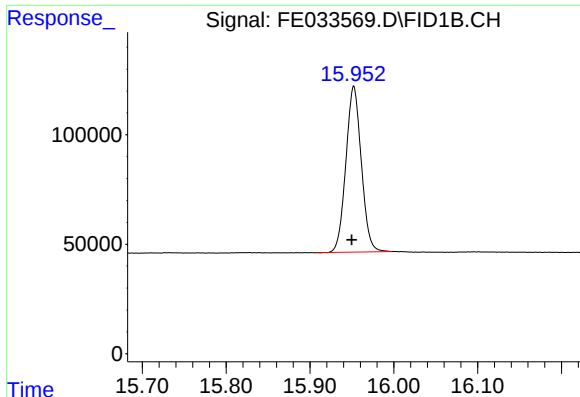
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: 0.000 min
Response: 1019912
Conc: 2.40 ug/ml



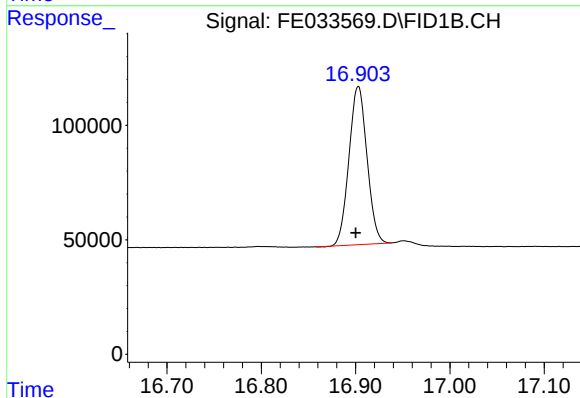
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: 0.001 min
Response: 998962
Conc: 2.37 ug/ml



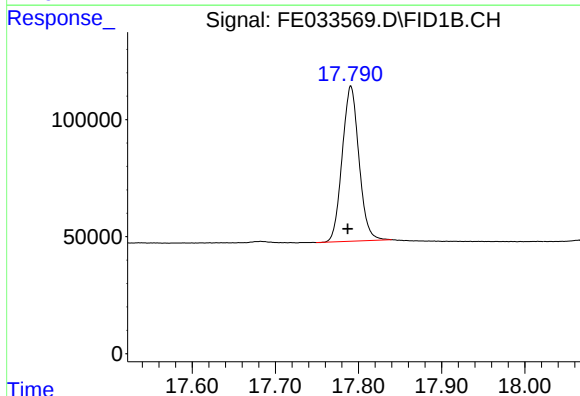
#15 n-Hexacosane (C26)

R.T.: 15.952 min
Delta R.T.: 0.002 min
Response: 968449
Conc: 2.32 ug/ml



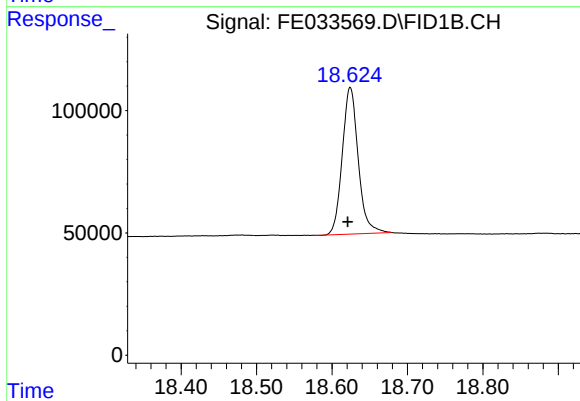
#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: 0.003 min
Response: 919354
Conc: 2.30 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.791 min
Delta R.T.: 0.004 min
Response: 926789
Conc: 2.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: 0.003 min
Response: 878621
Conc: 2.17 ug/ml