

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010324AL\
 Data File : FE046071.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jan 2024 19:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 04 00:52:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

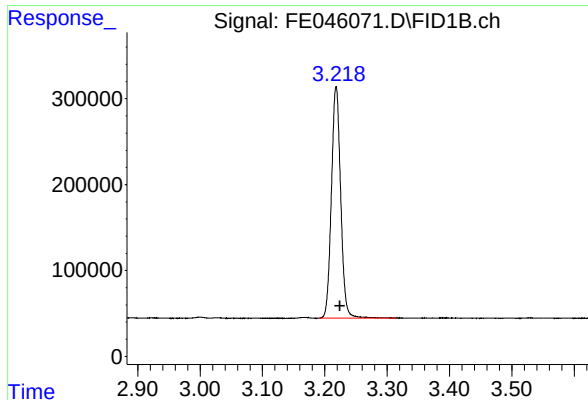
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.833	3435525	18.905 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
12) S 1-chlorooctadecane (S...	13.276	2541808	19.024 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.218	2779967	18.164 ug/ml
2) T n-Decane (C10)	4.470	2845636	18.336 ug/ml
3) T A~Naphthalene (C11.7)	6.172	3059598	18.397 ug/ml
4) T n-Dodecane (C12)	6.638	2880583	18.449 ug/ml
5) T A~2-methylnaphthalene...	7.268	2913542	18.300 ug/ml
6) T n-Tetradecane (C14)	8.464	2868032	18.412 ug/ml
7) T n-Hexadecane (C16)	10.074	2941891	18.578 ug/ml
8) T n-Octadecane (C18)	11.519	2953380	18.764 ug/ml
10) T n-Eicosane (C20)	12.831	2882120	19.052 ug/ml
11) T n-Heneicosane (C21)	13.444	2799911	19.040 ug/ml
13) T n-Docosane (C22)	14.032	2846017	19.470 ug/ml
14) T n-Tetracosane (C24)	15.137	2922824	20.153 ug/ml
15) T n-Hexacosane (C26)	16.161	2954105	20.605 ug/ml
16) T n-Octacosane (C28)	17.113	3010853	20.993 ug/ml
17) T n-Tricontane (C30)	18.004	3110283	20.925 ug/ml
18) T n-Dotriacontane (C32)	18.839	3085280	20.629 ug/ml
19) T n-Tetratriacontane (C34)	19.627	2893200	20.196 ug/ml
20) T n-Hexatriacontane (C36)	20.369	2800767	19.210 ug/ml
21) T n-Octatriacontane (C38)	21.101	2876054	19.504 ug/ml
22) T n-Tetracontane (C40)	22.000	2994402	19.130 ug/ml

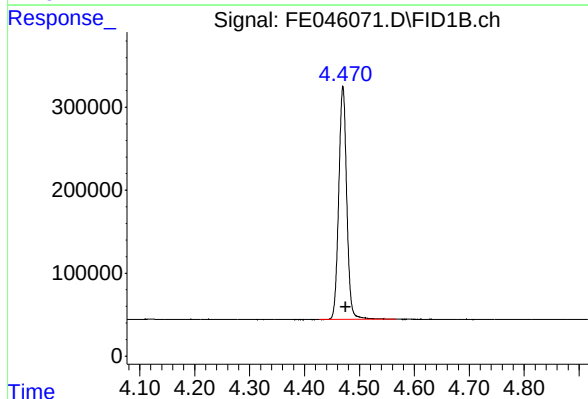
(f)=RT Delta > 1/2 Window

(m)=manual int.



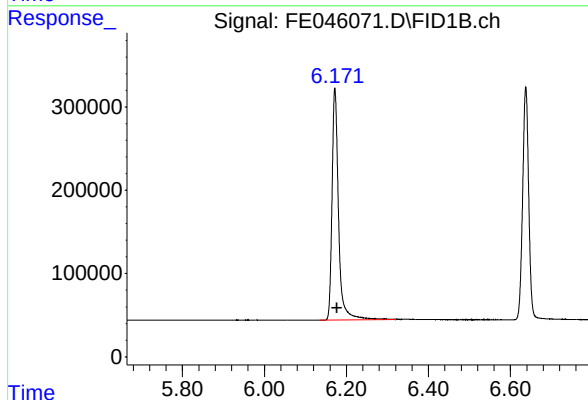
#1 n-Nonane (C9)

R.T.: 3.218 min
Delta R.T.: -0.006 min
Response: 2779967
Conc: 18.16 ug/ml



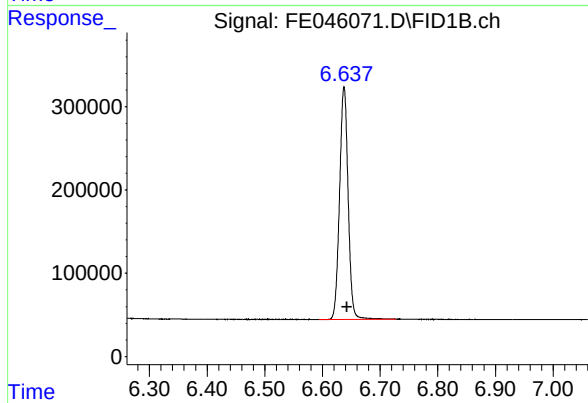
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.005 min
Response: 2845636
Conc: 18.34 ug/ml



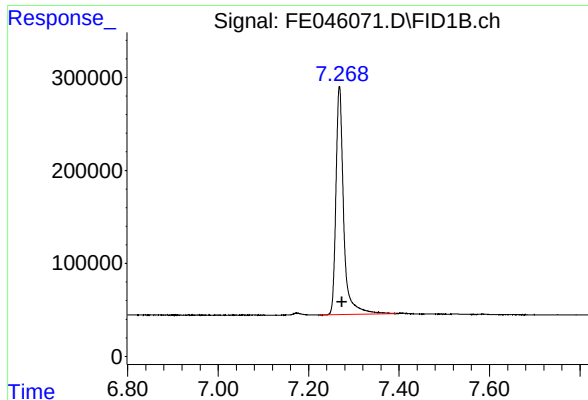
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: -0.005 min
Response: 3059598
Conc: 18.40 ug/ml



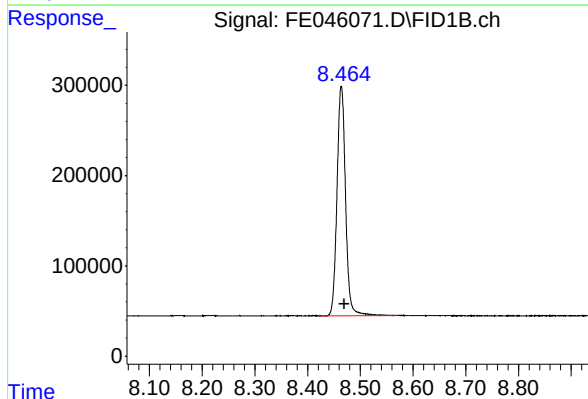
#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.005 min
Response: 2880583
Conc: 18.45 ug/ml



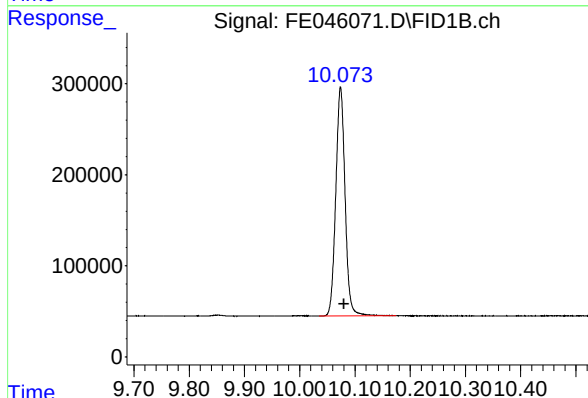
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 2913542
Conc: 18.30 ug/ml



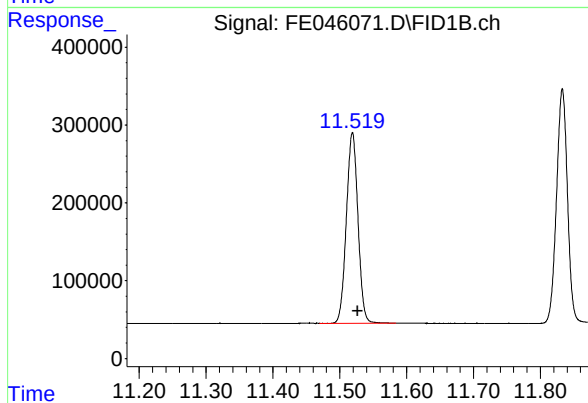
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.006 min
Response: 2868032
Conc: 18.41 ug/ml



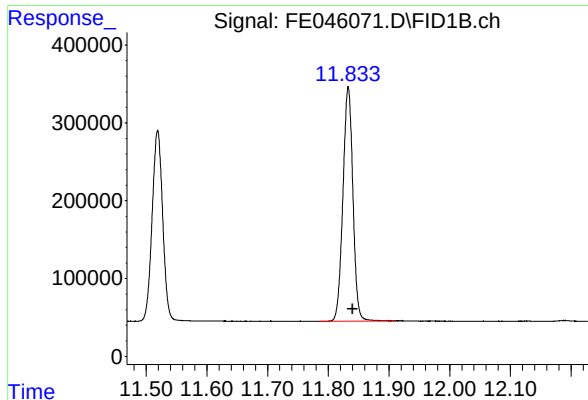
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: -0.006 min
Response: 2941891
Conc: 18.58 ug/ml



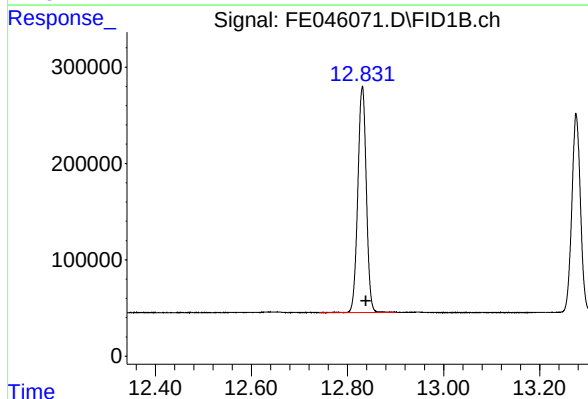
#8 n-Octadecane (C18)

R.T.: 11.519 min
Delta R.T.: -0.008 min
Response: 2953380
Conc: 18.76 ug/ml



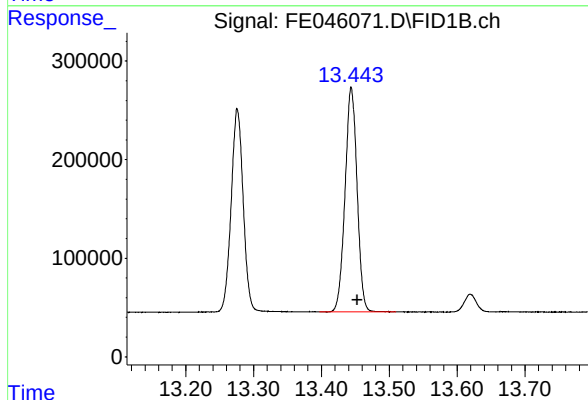
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.007 min
Response: 3435525
Conc: 18.91 ug/ml



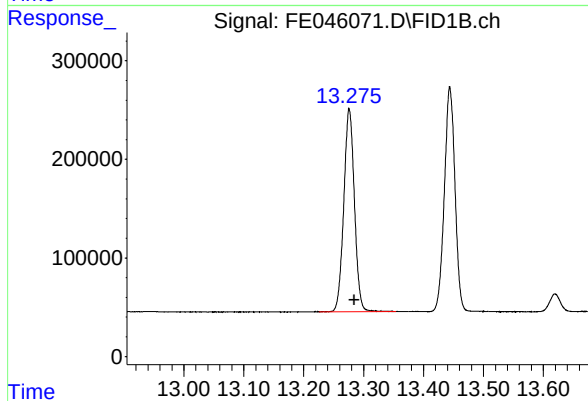
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.008 min
Response: 2882120
Conc: 19.05 ug/ml



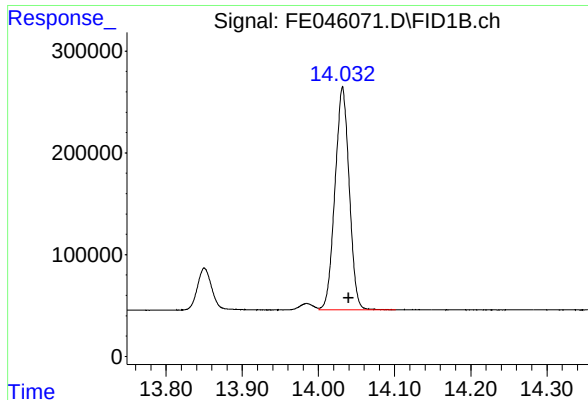
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.009 min
Response: 2799911
Conc: 19.04 ug/ml



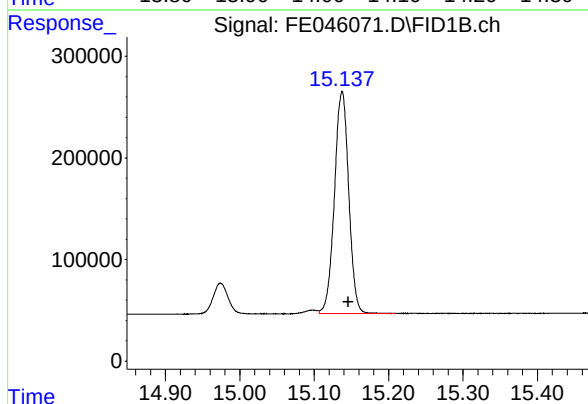
#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.008 min
Response: 2541808
Conc: 19.02 ug/ml



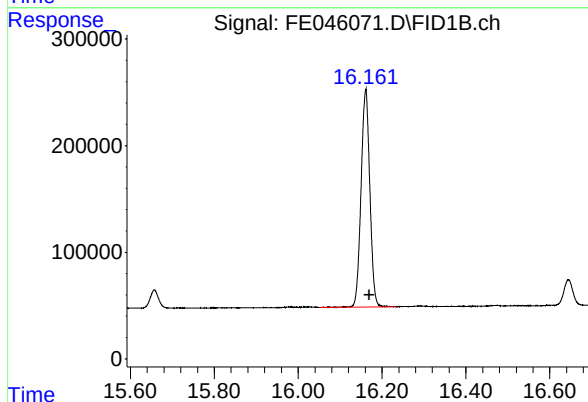
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.008 min
Response: 2846017
Conc: 19.47 ug/ml



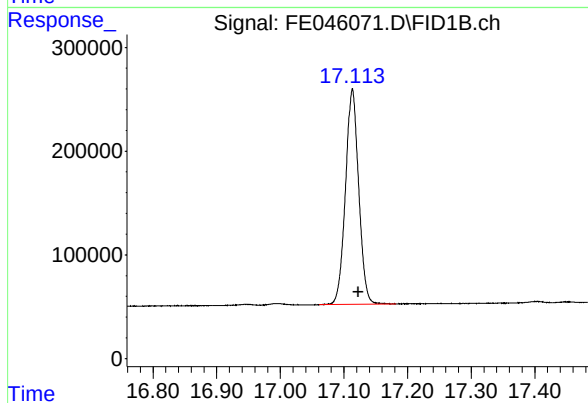
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.008 min
Response: 2922824
Conc: 20.15 ug/ml



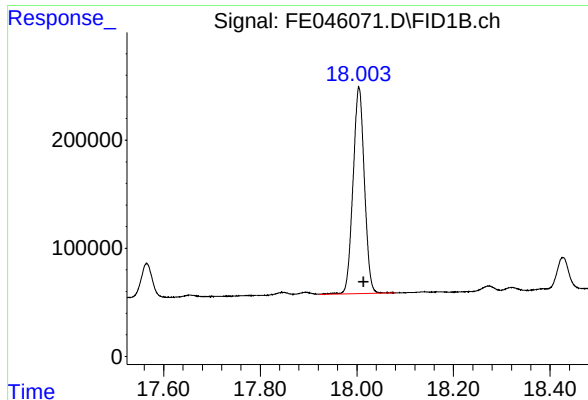
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.009 min
Response: 2954105
Conc: 20.61 ug/ml



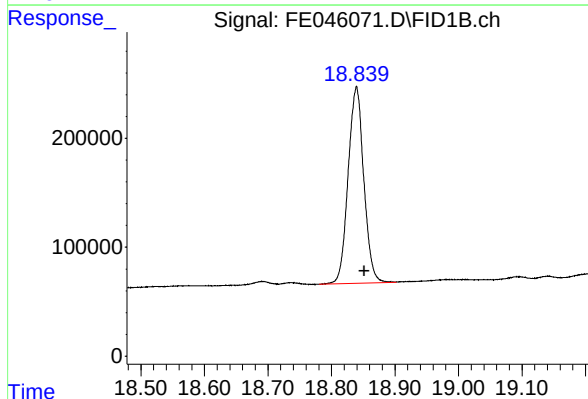
#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.009 min
Response: 3010853
Conc: 20.99 ug/ml



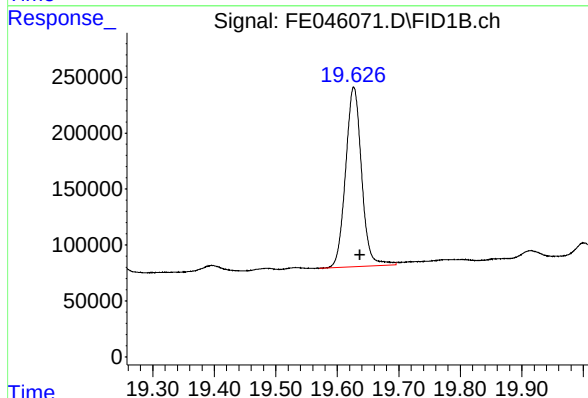
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.010 min
Response: 3110283
Conc: 20.93 ug/ml



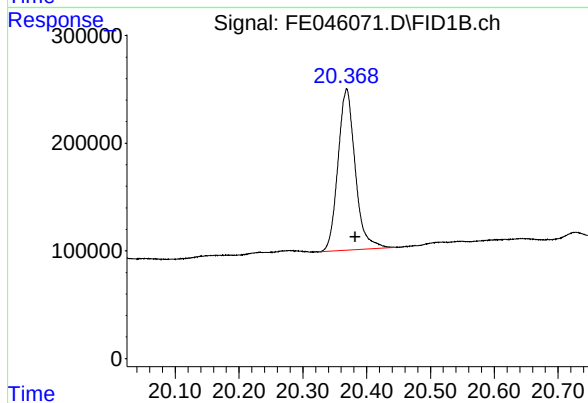
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: -0.012 min
Response: 3085280
Conc: 20.63 ug/ml



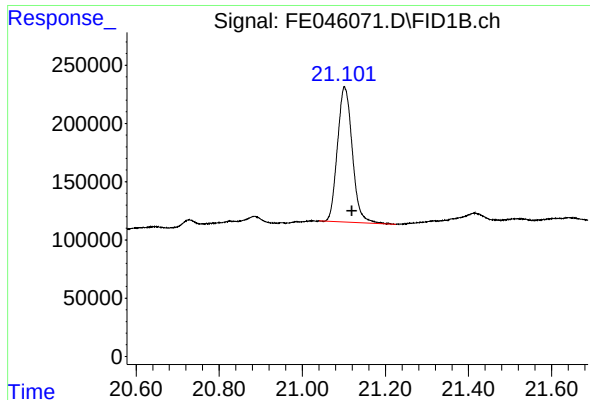
#19 n-Tetatriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.010 min
Response: 2893200
Conc: 20.20 ug/ml



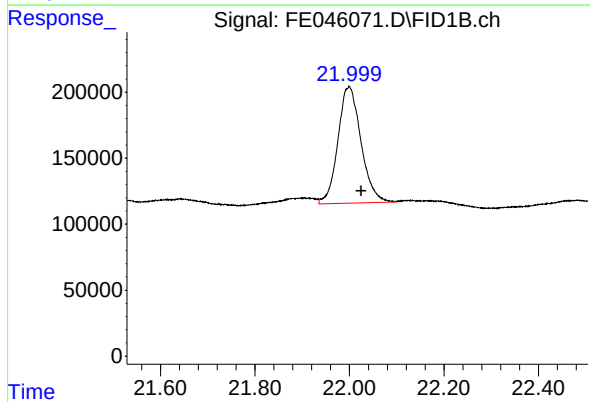
#20 n-Hexatriacontane (C36)

R.T.: 20.369 min
Delta R.T.: -0.013 min
Response: 2800767
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.018 min
Response: 2876054
Conc: 19.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.025 min
Response: 2994402
Conc: 19.13 ug/ml