

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120123AL\
 Data File : FE045624.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2023 19:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 01 22:14:41 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

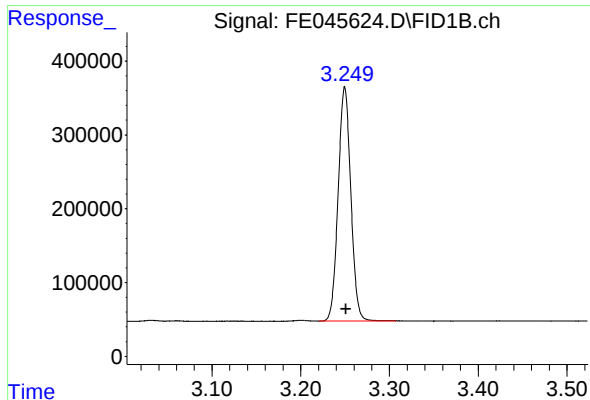
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.861	3899799	18.649 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
12) S 1-chlorooctadecane (S...	13.303	2877358	18.287 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T n-Nonane (C9)	3.250	3143999	19.826 ug/ml
2) T n-Decane (C10)	4.501	3188480	19.911 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3483045	19.995 ug/ml
4) T n-Dodecane (C12)	6.667	3234028	20.021 ug/ml
5) T A~2-methylnaphthalene...	7.296	3397008	20.004 ug/ml
6) T n-Tetradecane (C14)	8.494	3202318	19.962 ug/ml
7) T n-Hexadecane (C16)	10.103	3256884	19.668 ug/ml
8) T n-Octadecane (C18)	11.549	3279831	19.130 ug/ml
10) T n-Eicosane (C20)	12.860	3186583	18.417 ug/ml
11) T n-Heneicosane (C21)	13.472	3142388	18.266 ug/ml
13) T n-Docosane (C22)	14.060	3088480	17.912 ug/ml
14) T n-Tetracosane (C24)	15.165	3018099	17.288 ug/ml
15) T n-Hexacosane (C26)	16.187	2910644	16.713 ug/ml
16) T n-Octacosane (C28)	17.139	2810384	16.261 ug/ml
17) T n-Tricontane (C30)	18.028	2801653	16.014 ug/mlm
18) T n-Dotriacontane (C32)	18.863	3134775	17.183 ug/mlm
19) T n-Tetratriacontane (C34)	19.648	2707895	16.319 ug/ml
20) T n-Hexatriacontane (C36)	20.389	2716246	17.112 ug/mlm
21) T n-Octatriacontane (C38)	21.124	2633931	16.796 ug/ml
22) T n-Tetracontane (C40)	22.025	2835247	19.950 ug/mlm

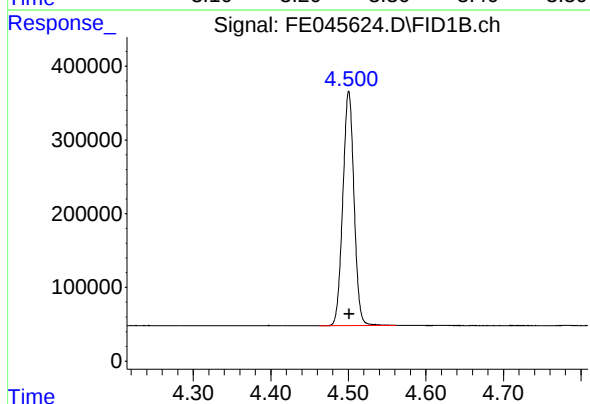
(f)=RT Delta > 1/2 Window

(m)=manual int.



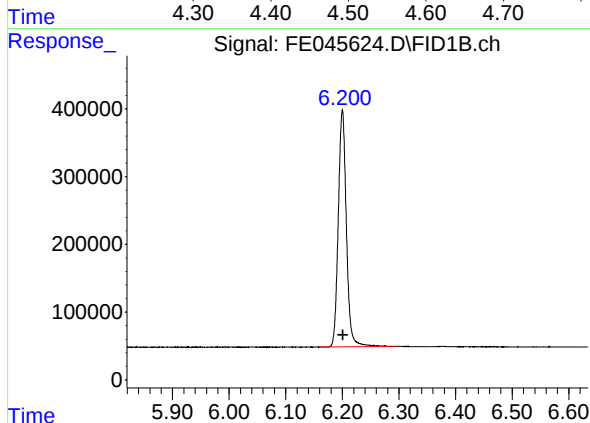
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.001 min
Response: 3143999
Conc: 19.83 ug/ml



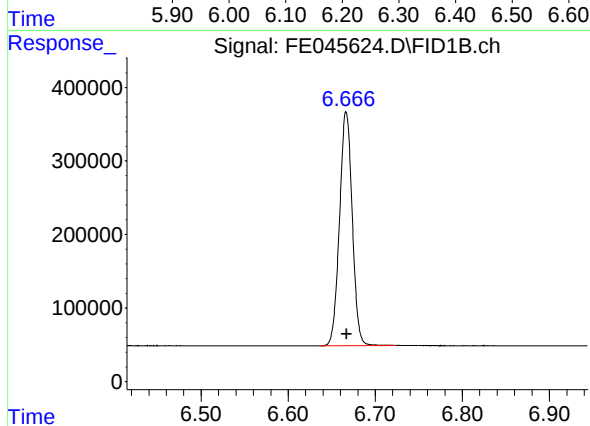
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3188480
Conc: 19.91 ug/ml



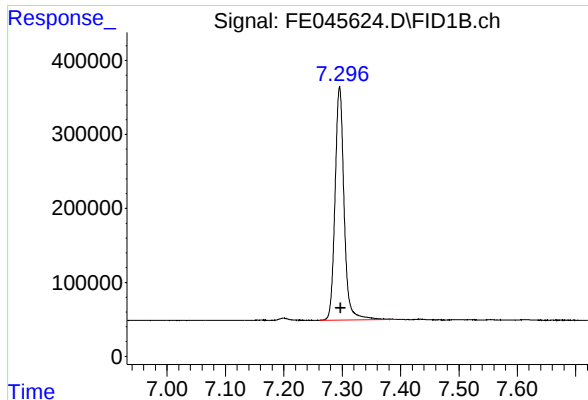
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.001 min
Response: 3483045
Conc: 20.00 ug/ml



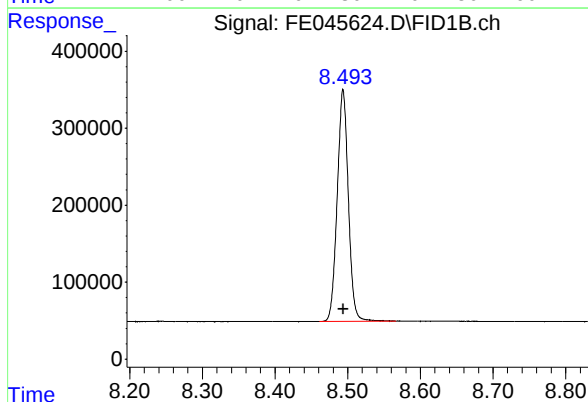
#4 n-Dodecane (C12)

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 3234028
Conc: 20.02 ug/ml



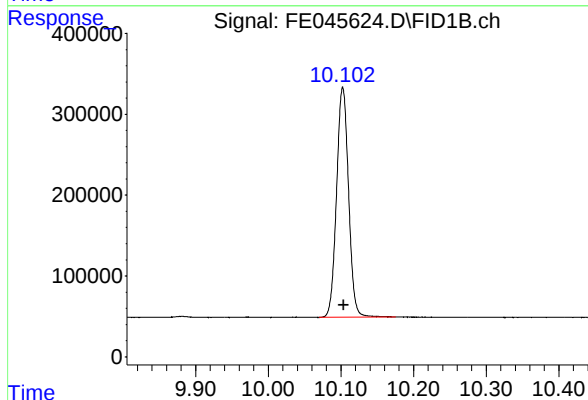
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 3397008
Conc: 20.00 ug/ml



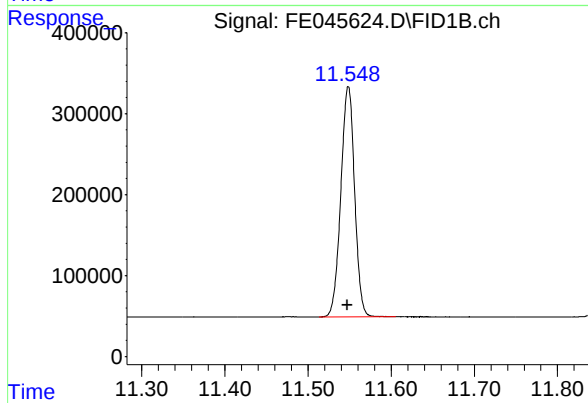
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 3202318
Conc: 19.96 ug/ml



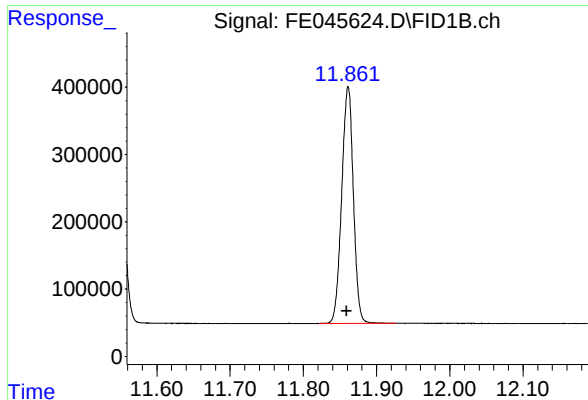
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.001 min
Response: 3256884
Conc: 19.67 ug/ml



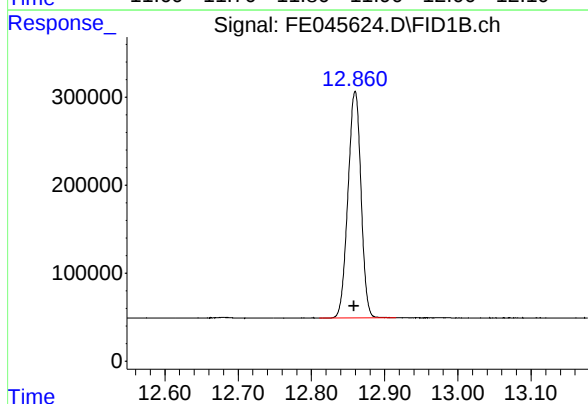
#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.001 min
Response: 3279831
Conc: 19.13 ug/ml



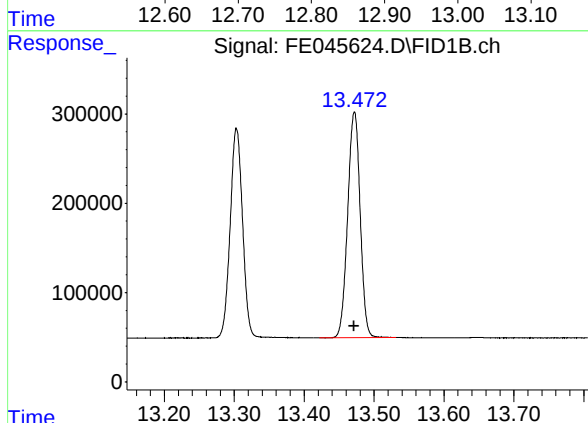
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: 0.002 min
Response: 3899799
Conc: 18.65 ug/ml



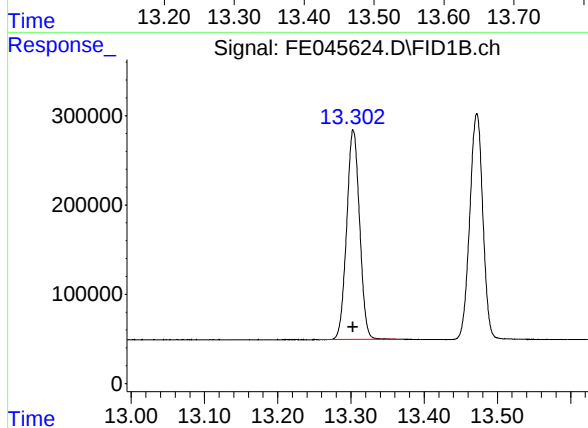
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: 0.002 min
Response: 3186583
Conc: 18.42 ug/ml



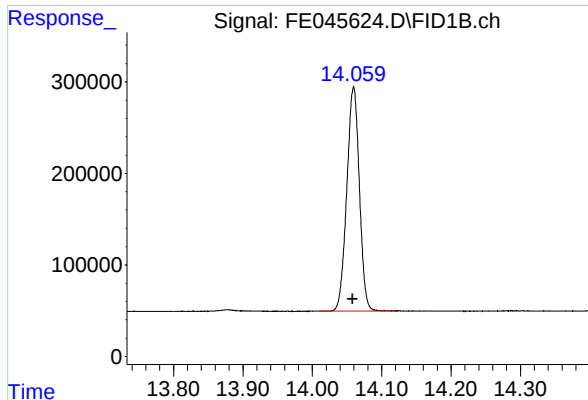
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.000 min
Response: 3142388
Conc: 18.27 ug/ml



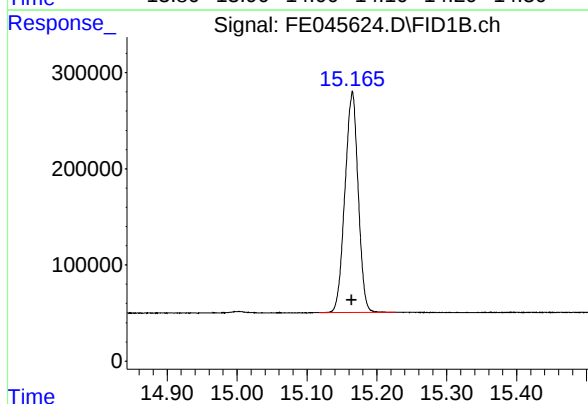
#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2877358
Conc: 18.29 ug/ml



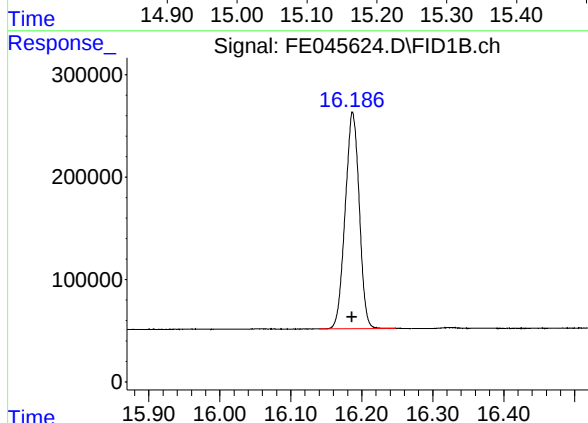
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: 0.001 min
Response: 3088480
Conc: 17.91 ug/ml



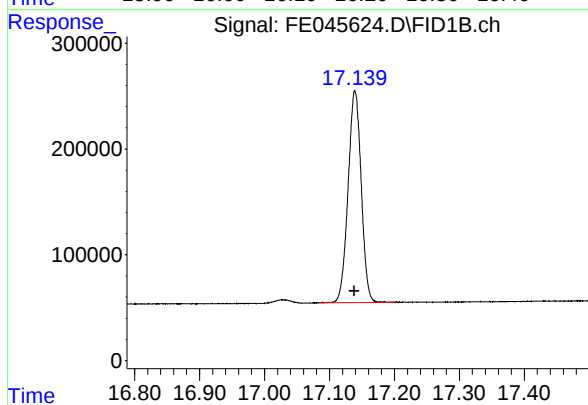
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.001 min
Response: 3018099
Conc: 17.29 ug/ml



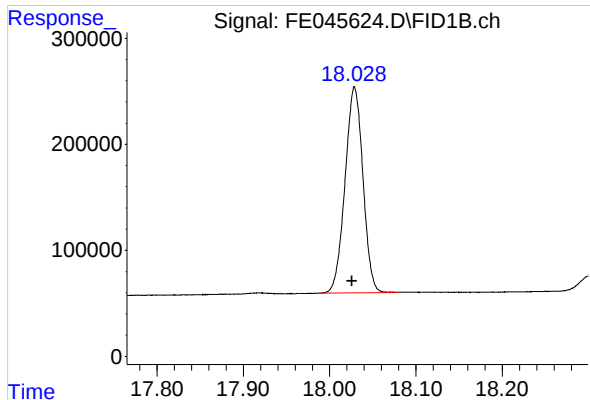
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: 0.001 min
Response: 2910644
Conc: 16.71 ug/ml



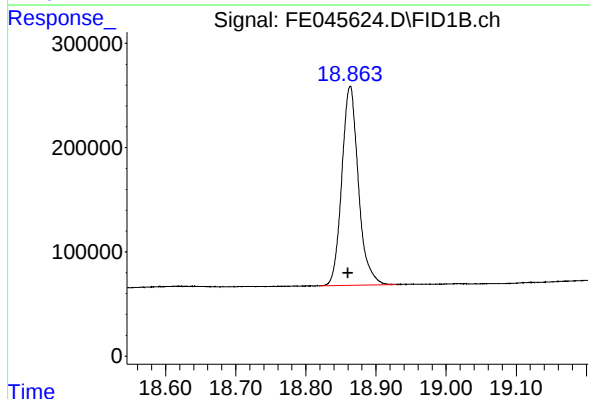
#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: 0.000 min
Response: 2810384
Conc: 16.26 ug/ml



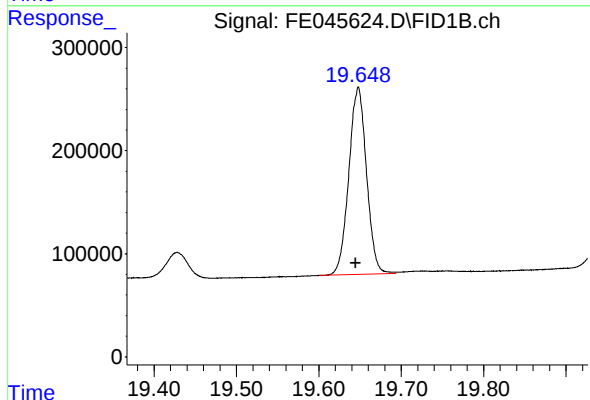
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: 0.002 min
Response: 2801653
Conc: 16.01 ug/ml m



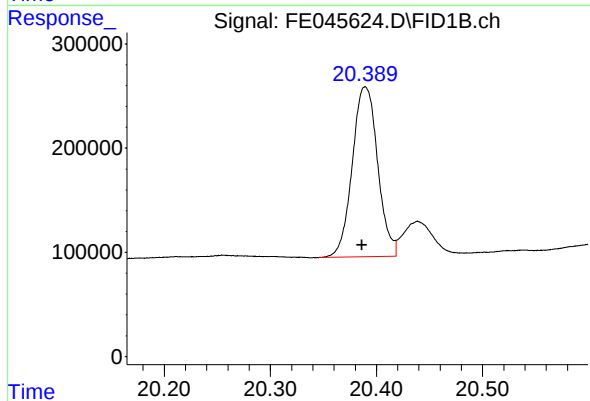
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.003 min
Response: 3134775
Conc: 17.18 ug/ml m



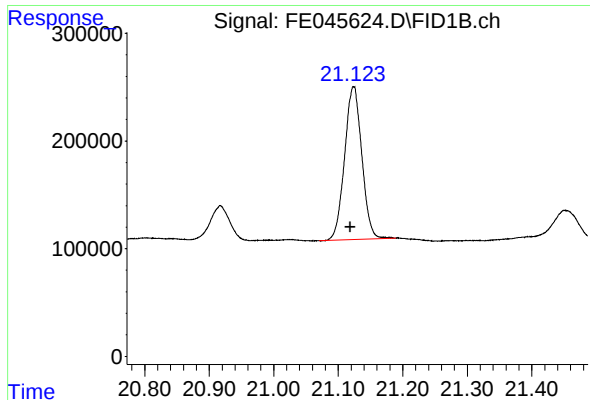
#19 n-Tetatriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.003 min
Response: 2707895
Conc: 16.32 ug/ml



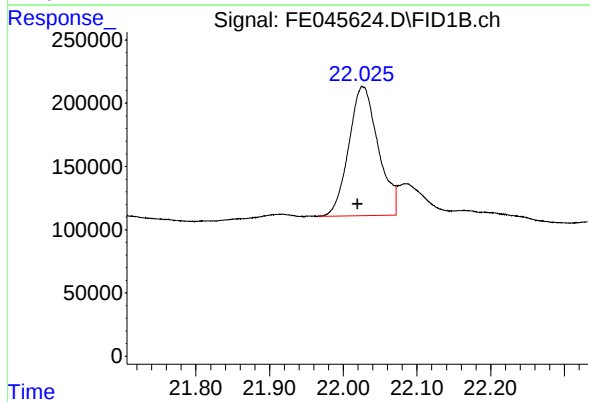
#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.003 min
Response: 2716246
Conc: 17.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: 0.005 min
Response: 2633931
Conc: 16.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.006 min
Response: 2835247
Conc: 19.95 ug/ml m