

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120423AL\
 Data File : FE045648.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2023 22:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 04 23:23:32 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

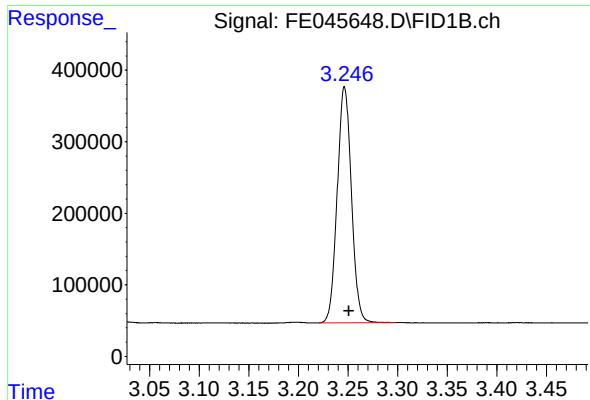
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.859	4115937	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
12) S 1-chlorooctadecane (S...	13.302	3049759	19.383 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T n-Nonane (C9)	3.247	3284585	20.713 ug/ml
2) T n-Decane (C10)	4.498	3354036	20.945 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3660200	21.012 ug/ml
4) T n-Dodecane (C12)	6.664	3399198	21.044 ug/ml
5) T A~2-methylnaphthalene...	7.293	3577665	21.068 ug/ml
6) T n-Tetradecane (C14)	8.491	3370389	21.009 ug/ml
7) T n-Hexadecane (C16)	10.101	3432222	20.727 ug/ml
8) T n-Octadecane (C18)	11.546	3464361	20.206 ug/ml
10) T n-Eicosane (C20)	12.858	3374022	19.501 ug/ml
11) T n-Heneicosane (C21)	13.470	3310594	19.244 ug/ml
13) T n-Docosane (C22)	14.057	3276571	19.003 ug/ml
14) T n-Tetracosane (C24)	15.162	3195817	18.306 ug/ml
15) T n-Hexacosane (C26)	16.186	3096503	17.780 ug/ml
16) T n-Octacosane (C28)	17.138	2993110	17.318 ug/ml
17) T n-Tricontane (C30)	18.026	3001850	17.159 ug/ml
18) T n-Dotriacontane (C32)	18.861	2968781	16.273 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2846120	17.152 ug/ml
20) T n-Hexatriacontane (C36)	20.389	2717312	17.118 ug/ml
21) T n-Octatriacontane (C38)	21.123	2805005	17.887 ug/ml
22) T n-Tetracontane (C40)	22.028	2778365	19.550 ug/mlm

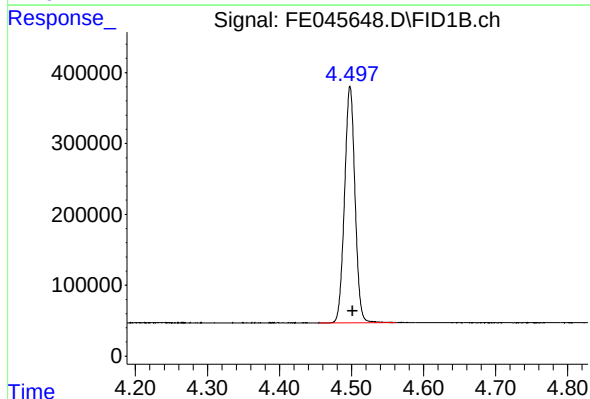
(f)=RT Delta > 1/2 Window

(m)=manual int.



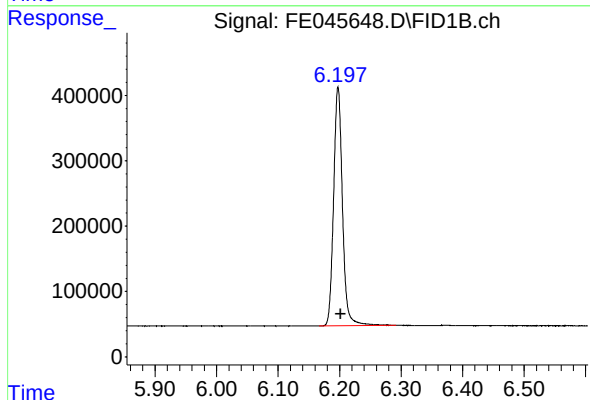
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.004 min
Response: 3284585
Conc: 20.71 ug/ml



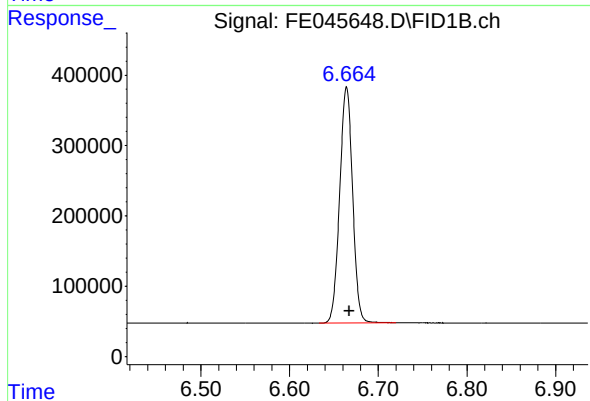
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.003 min
Response: 3354036
Conc: 20.95 ug/ml



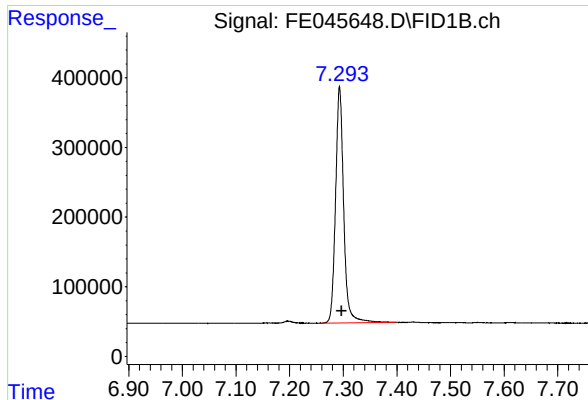
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 3660200
Conc: 21.01 ug/ml



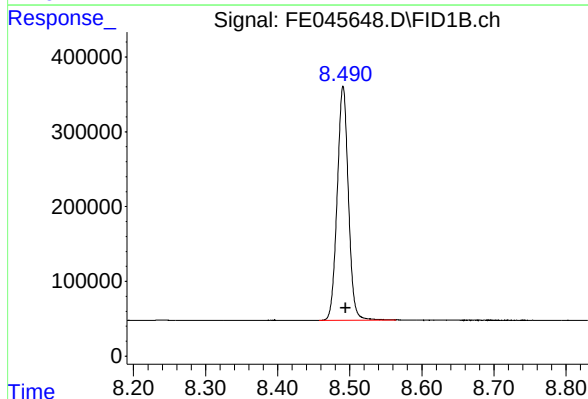
#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.003 min
Response: 3399198
Conc: 21.04 ug/ml



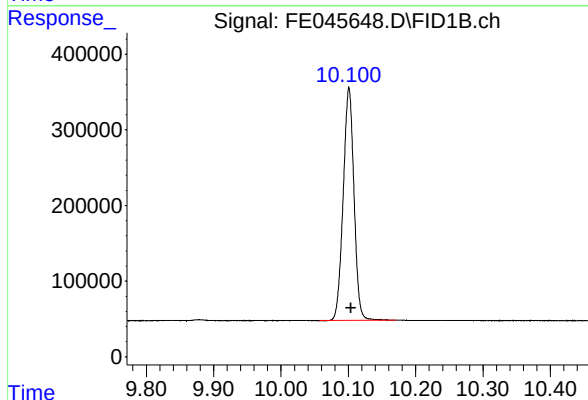
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 3577665
Conc: 21.07 ug/ml



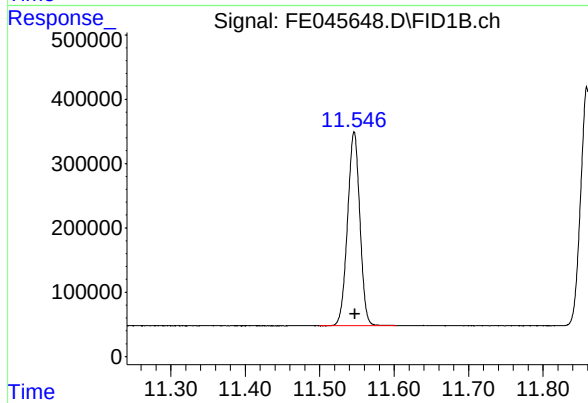
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 3370389
Conc: 21.01 ug/ml



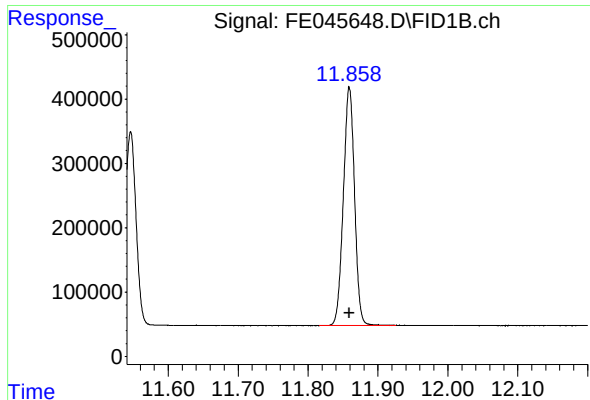
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.003 min
Response: 3432222
Conc: 20.73 ug/ml



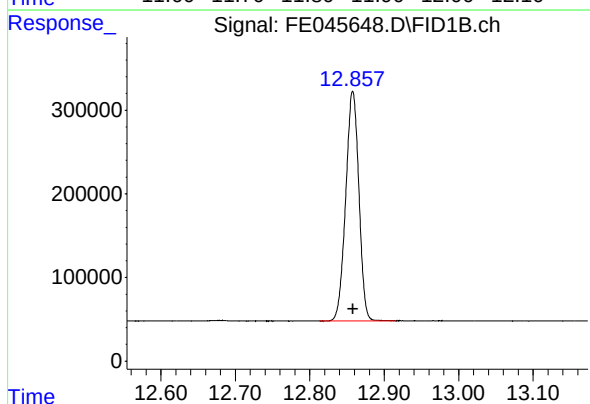
#8 n-Octadecane (C18)

R.T.: 11.546 min
Delta R.T.: 0.000 min
Response: 3464361
Conc: 20.21 ug/ml



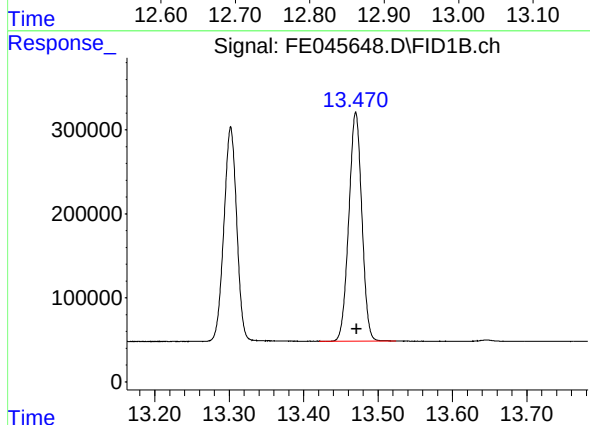
#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: 0.000 min
Response: 4115937
Conc: 19.68 ug/ml



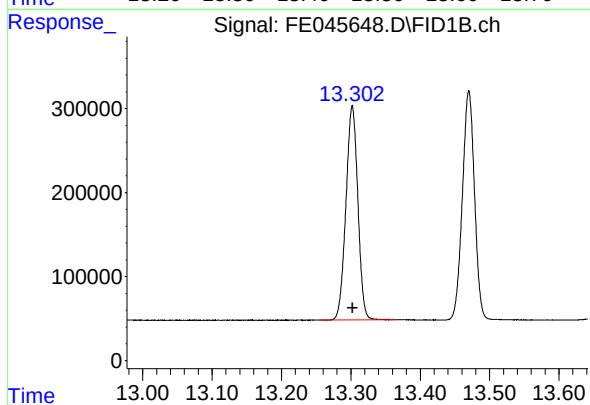
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 3374022
Conc: 19.50 ug/ml



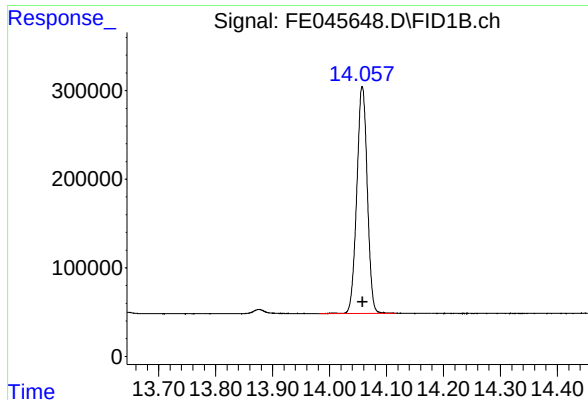
#11 n-Heneicosane (C21)

R.T.: 13.470 min
Delta R.T.: -0.001 min
Response: 3310594
Conc: 19.24 ug/ml



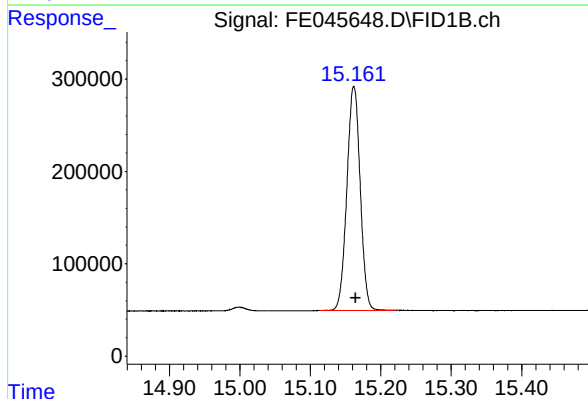
#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 3049759
Conc: 19.38 ug/ml



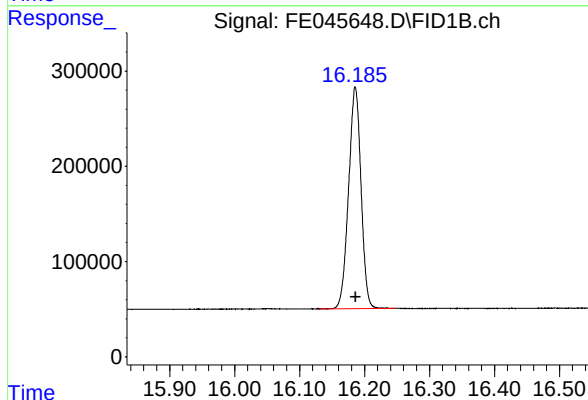
#13 n-Docosane (C22)

R.T.: 14.057 min
Delta R.T.: 0.000 min
Response: 3276571
Conc: 19.00 ug/ml



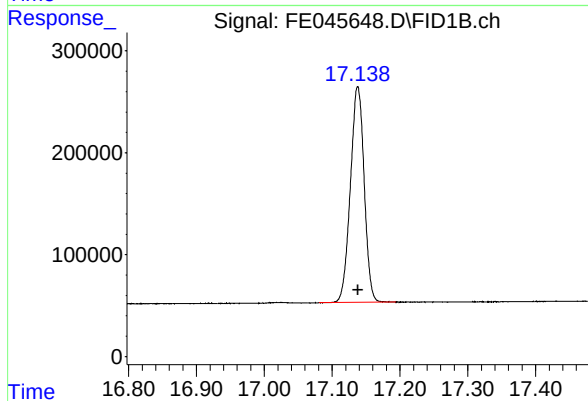
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.002 min
Response: 3195817
Conc: 18.31 ug/ml



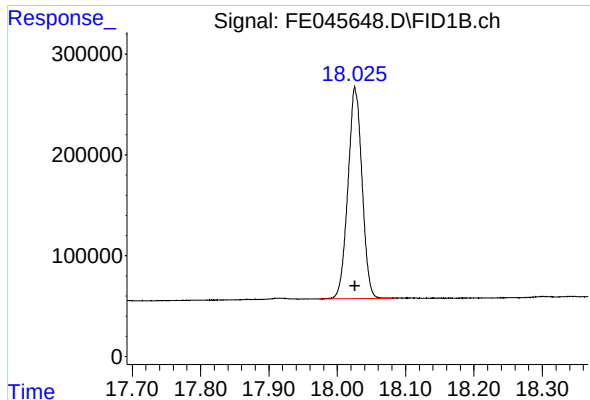
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.000 min
Response: 3096503
Conc: 17.78 ug/ml



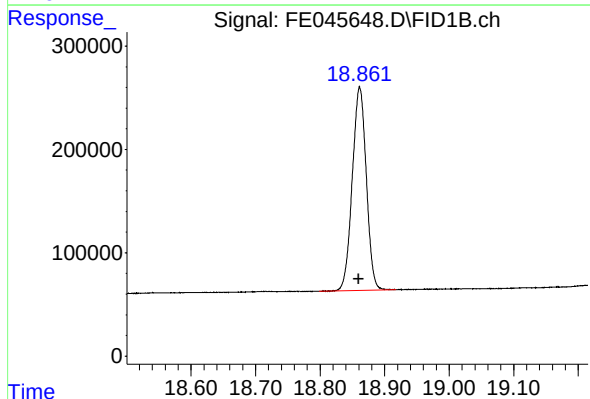
#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 2993110
Conc: 17.32 ug/ml



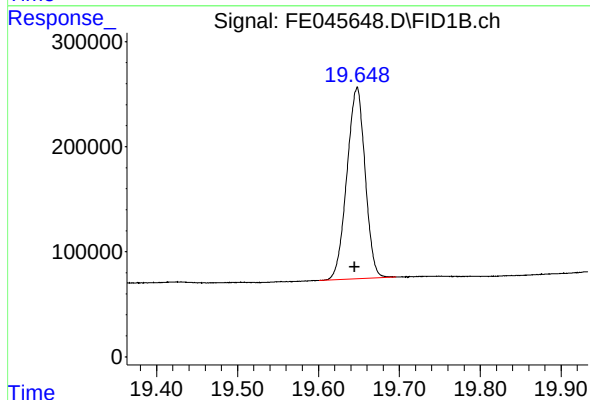
#17 n-Tricontane (C30)

R.T.: 18.026 min
Delta R.T.: 0.000 min
Response: 3001850
Conc: 17.16 ug/ml



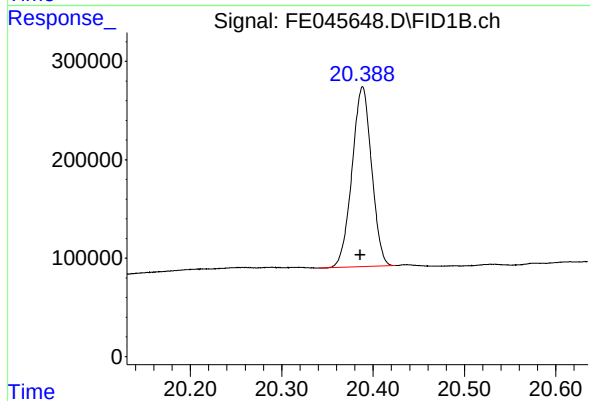
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.001 min
Response: 2968781
Conc: 16.27 ug/ml



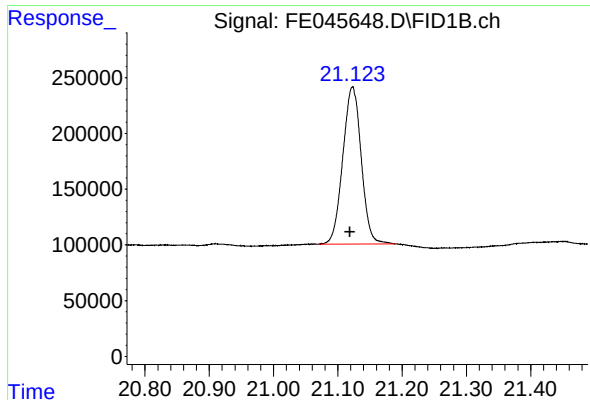
#19 n-Tetatriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.003 min
Response: 2846120
Conc: 17.15 ug/ml



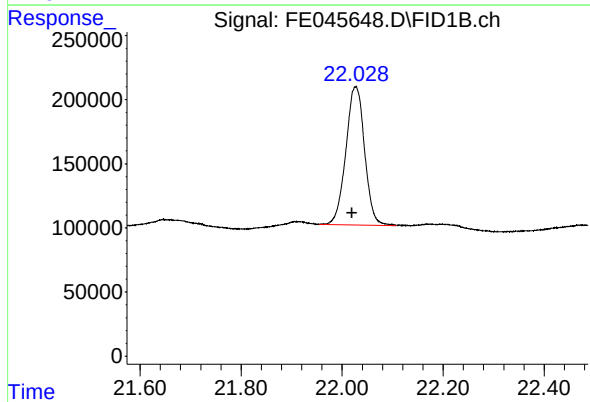
#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.002 min
Response: 2717312
Conc: 17.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.004 min
Response: 2805005
Conc: 17.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.008 min
Response: 2778365
Conc: 19.55 ug/ml m