

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022823AL\
 Data File : FE040581.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 20:43
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:02:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 02:50:39 2023
 Response via : Initial Calibration
 Integrator: ChemStation

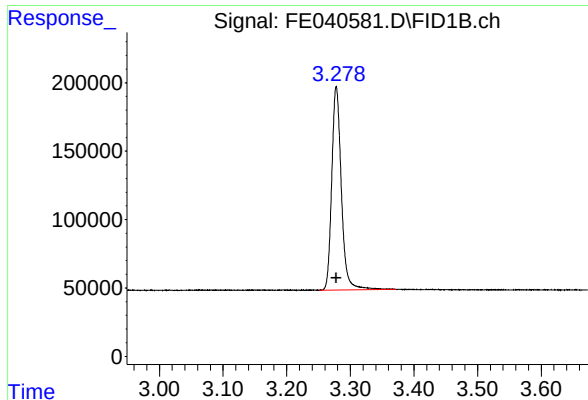
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.878	1914103	10.537 ug/ml
Spiked Amount 50.000		Recovery =	21.07%
12) S 1-chlorooctadecane (S...	13.317	1507301	10.485 ug/ml
Spiked Amount 50.000		Recovery =	20.97%
Target Compounds			
1) T n-Nonane (C9)	3.278	1562149	10.388 ug/ml
2) T n-Decane (C10)	4.524	1527407	10.349 ug/ml
3) T A~Naphthalene (C11.7)	6.228	1631674	9.851 ug/ml
4) T n-Dodecane (C12)	6.687	1548888	10.326 ug/ml
5) T A~2-methylnaphthalene...	7.323	1476929	9.592 ug/ml
6) T n-Tetradecane (C14)	8.513	1561502	10.285 ug/ml
7) T n-Hexadecane (C16)	10.120	1642416	10.366 ug/ml
8) T n-Octadecane (C18)	11.562	1727438	10.460 ug/ml
10) T n-Eicosane (C20)	12.871	1724585	10.508 ug/ml
11) T n-Heneicosane (C21)	13.483	1754104	10.542 ug/ml
13) T n-Docosane (C22)	14.070	1745203	10.515 ug/ml
14) T n-Tetracosane (C24)	15.173	1764535	10.555 ug/ml
15) T n-Hexacosane (C26)	16.195	1734558	10.534 ug/ml
16) T n-Octacosane (C28)	17.146	1713584	10.550 ug/ml
17) T n-Tricontane (C30)	18.035	1673256	10.595 ug/ml
18) T n-Dotriacontane (C32)	18.869	1757788	10.753 ug/ml
19) T n-Tetratriacontane (C34)	19.651	1588113	10.657 ug/ml
20) T n-Hexatriacontane (C36)	20.393	1495402	10.677 ug/ml
21) T n-Octatriacontane (C38)	21.123	1414657	10.660 ug/ml
22) T n-Tetracontane (C40)	22.015	1649903	11.609 ug/ml

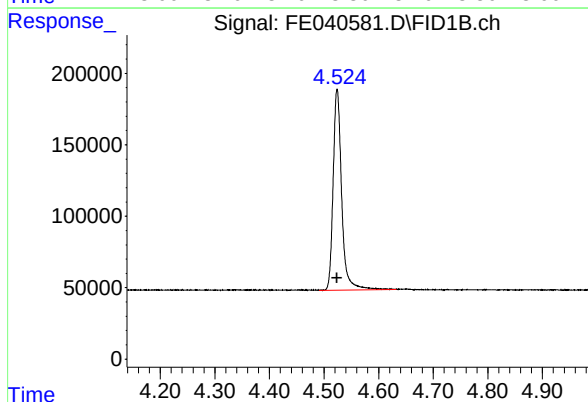
(f)=RT Delta > 1/2 Window

(m)=manual int.



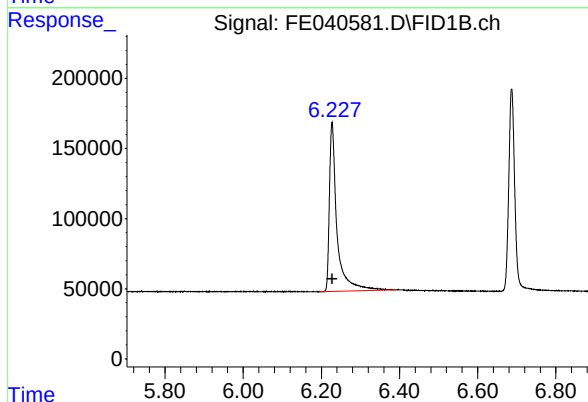
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 1562149
Conc: 10.39 ug/ml



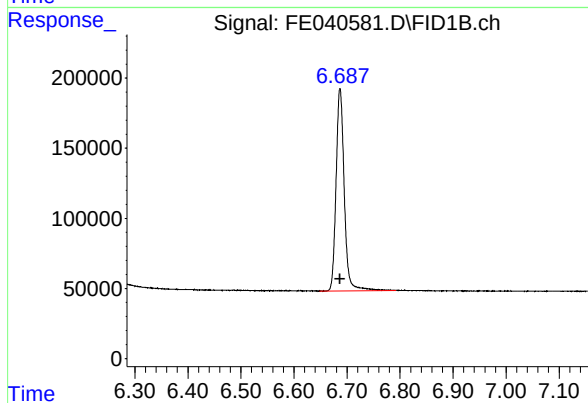
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 1527407
Conc: 10.35 ug/ml



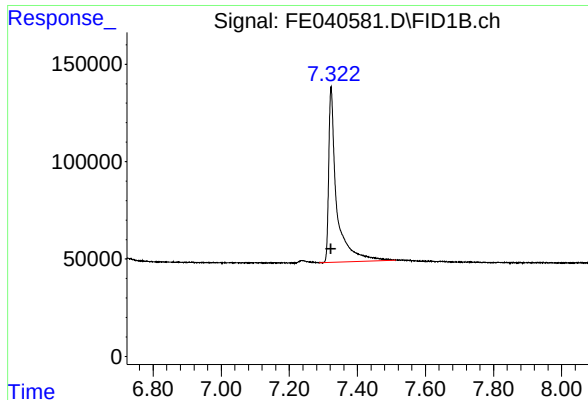
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 1631674
Conc: 9.85 ug/ml



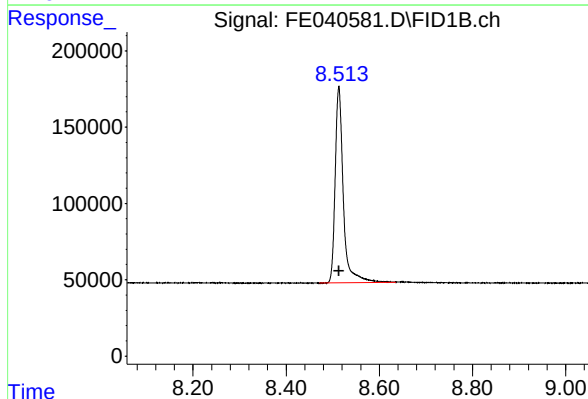
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 1548888
Conc: 10.33 ug/ml



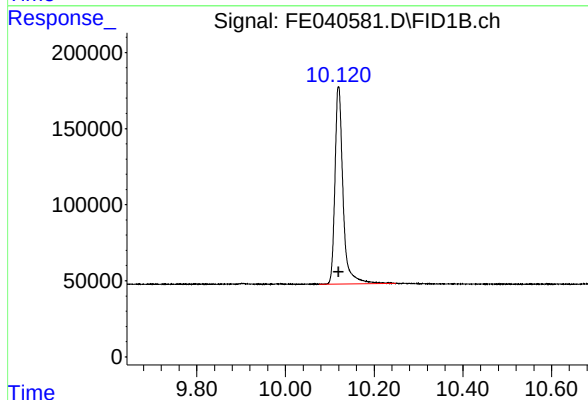
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 1476929
Conc: 9.59 ug/ml



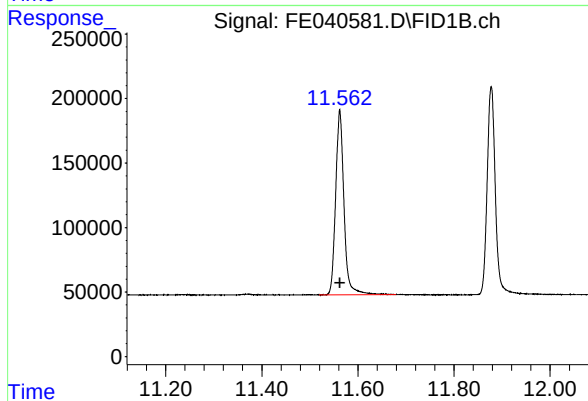
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 1561502
Conc: 10.29 ug/ml



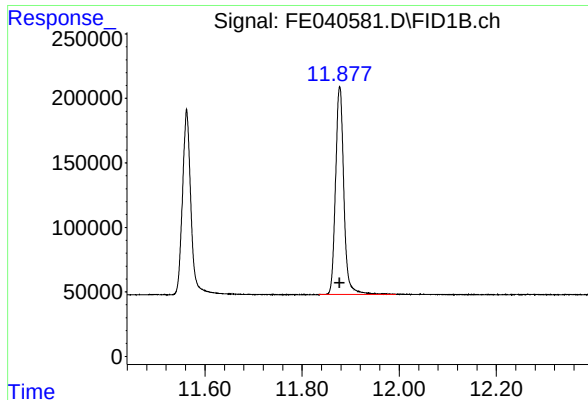
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 1642416
Conc: 10.37 ug/ml



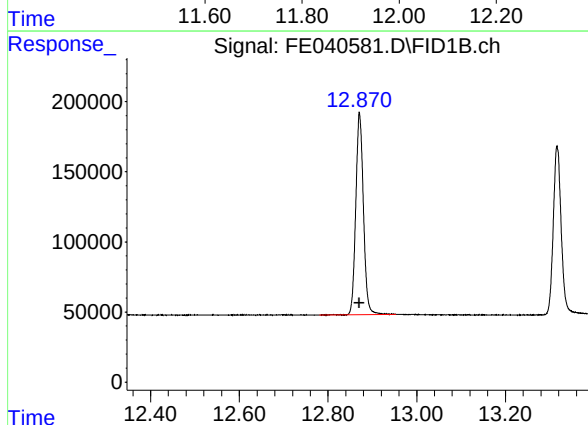
#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 1727438
Conc: 10.46 ug/ml



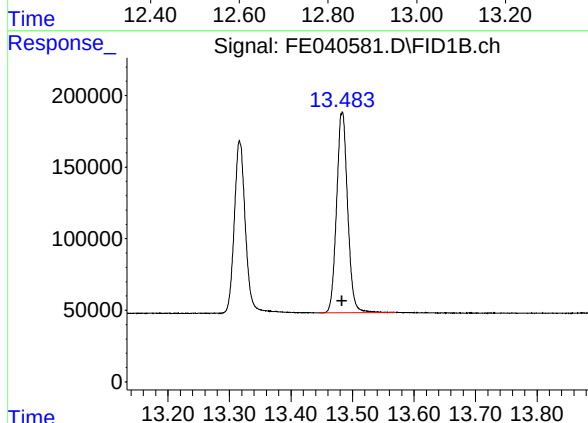
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.000 min
Response: 1914103
Conc: 10.54 ug/ml



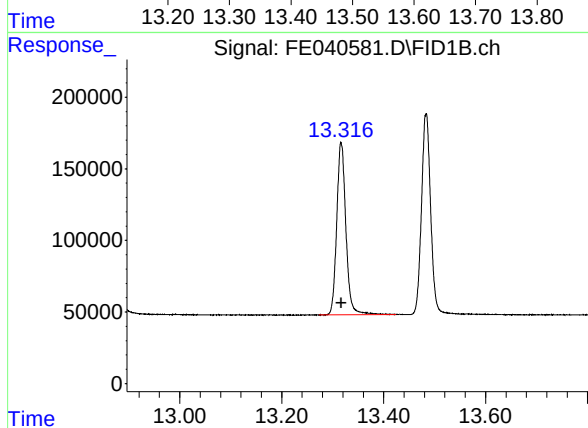
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: 0.000 min
Response: 1724585
Conc: 10.51 ug/ml



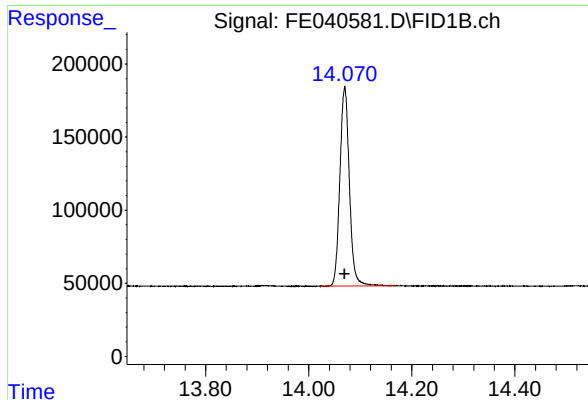
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: 0.000 min
Response: 1754104
Conc: 10.54 ug/ml



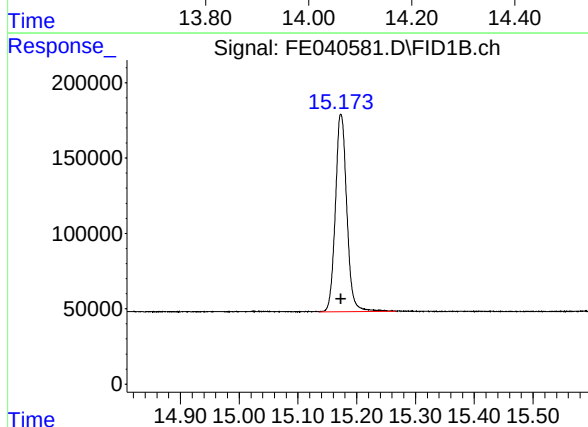
#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: 0.000 min
Response: 1507301
Conc: 10.49 ug/ml



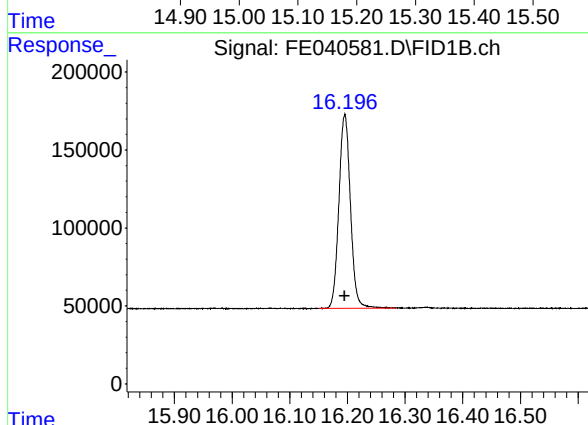
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.000 min
Response: 1745203
Conc: 10.52 ug/ml



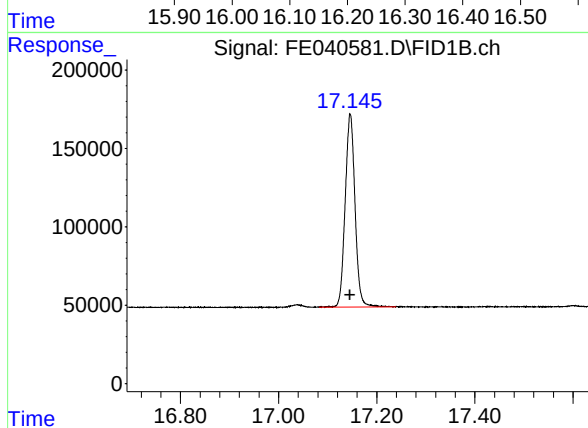
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: 0.000 min
Response: 1764535
Conc: 10.55 ug/ml



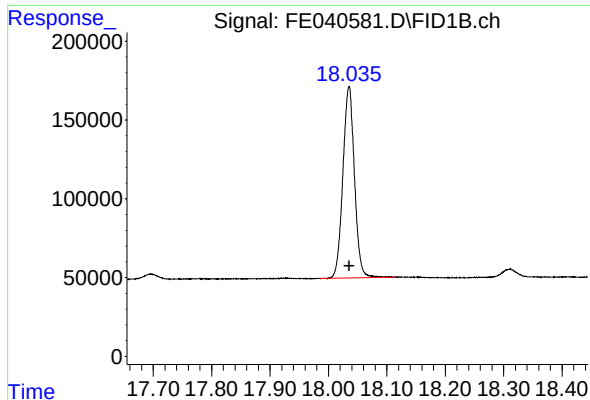
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.000 min
Response: 1734558
Conc: 10.53 ug/ml



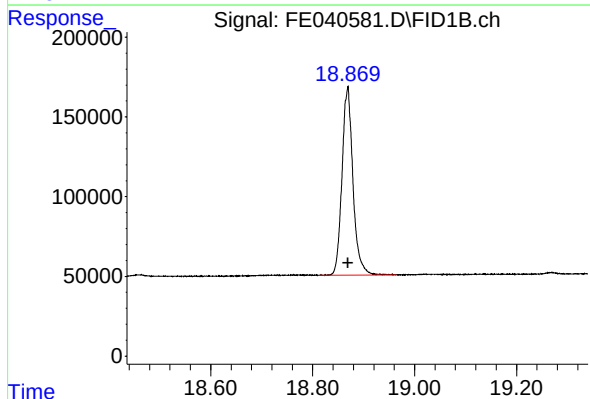
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.000 min
Response: 1713584
Conc: 10.55 ug/ml



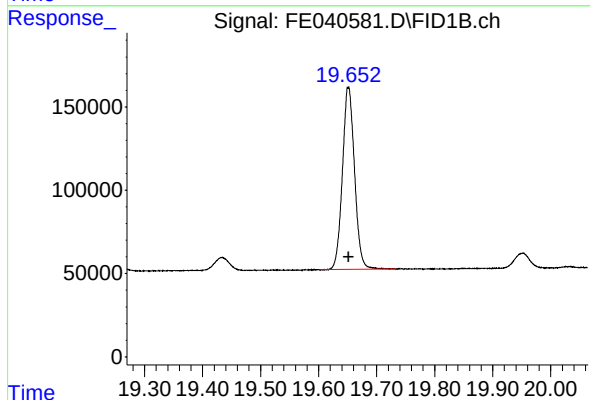
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 1673256
Conc: 10.59 ug/ml



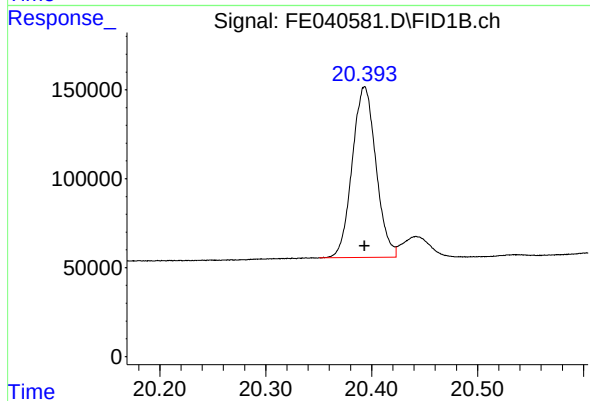
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: 0.000 min
Response: 1757788
Conc: 10.75 ug/ml



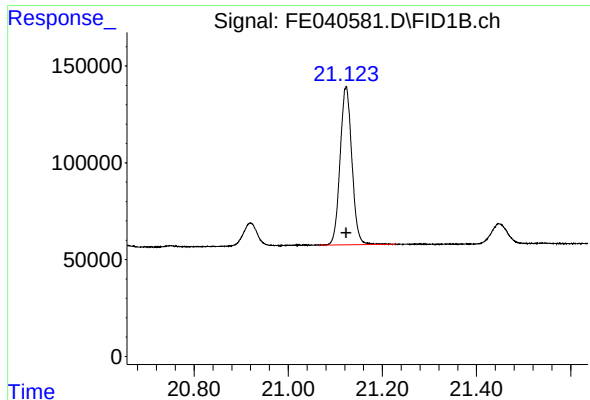
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.000 min
Response: 1588113
Conc: 10.66 ug/ml



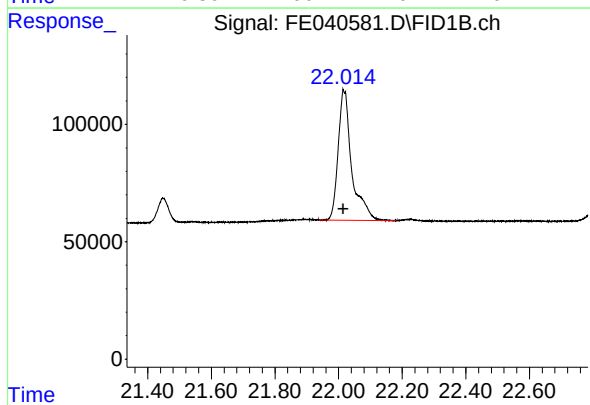
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.000 min
Response: 1495402
Conc: 10.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.000 min
Response: 1414657
Conc: 10.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.015 min
Delta R.T.: 0.000 min
Response: 1649903
Conc: 11.61 ug/ml