

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041519AL\
 Data File : FC040610.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2019 21:54
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 05:08:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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			
9) S ortho-Terphenyl (SURR)	11.028	2406773	18.689 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	12.457	1836231	18.589 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	2.862	1601619	19.406 ug/ml
2) T n-Decane (C10)	3.883	1665417	19.678 ug/ml
3) T A~Naphthalene (C11.7)	5.458	2000455	20.503 ug/ml
4) T n-Dodecane (C12)	5.878	1736853	20.108 ug/ml
5) T A~2-methylnaphthalene...	6.507	2037564	20.506 ug/ml
6) T n-Tetradecane (C14)	7.668	1816701	19.933 ug/ml
7) T n-Hexadecane (C16)	9.265	1844608	19.192 ug/ml
8) T n-Octadecane (C18)	10.704	1849923	18.442 ug/ml
10) T n-Eicosane (C20)	12.011	1865808	18.334 ug/ml
11) T n-Heneicosane (C21)	12.623	1861868	18.463 ug/ml
13) T n-Docosane (C22)	13.208	1865646	18.560 ug/ml
14) T n-Tetracosane (C24)	14.309	1886165	18.944 ug/ml
15) T n-Hexacosane (C26)	15.329	1893214	19.337 ug/ml
16) T n-Octacosane (C28)	16.277	1903825	19.407 ug/ml
17) T n-Tricontane (C30)	17.162	1882968	19.243 ug/ml
18) T n-Dotriacontane (C32)	17.994	1812971	18.733 ug/ml
19) T n-Tetratriacontane (C34)	18.810	1604664	19.142 ug/ml
20) T n-Hexatriacontane (C36)	19.836	1433390	19.468 ug/ml
21) T n-Octatriacontane (C38)	21.223	1348661	19.518 ug/ml
22) T n-Tetracontane (C40)	23.145	1324862	19.545 ug/ml

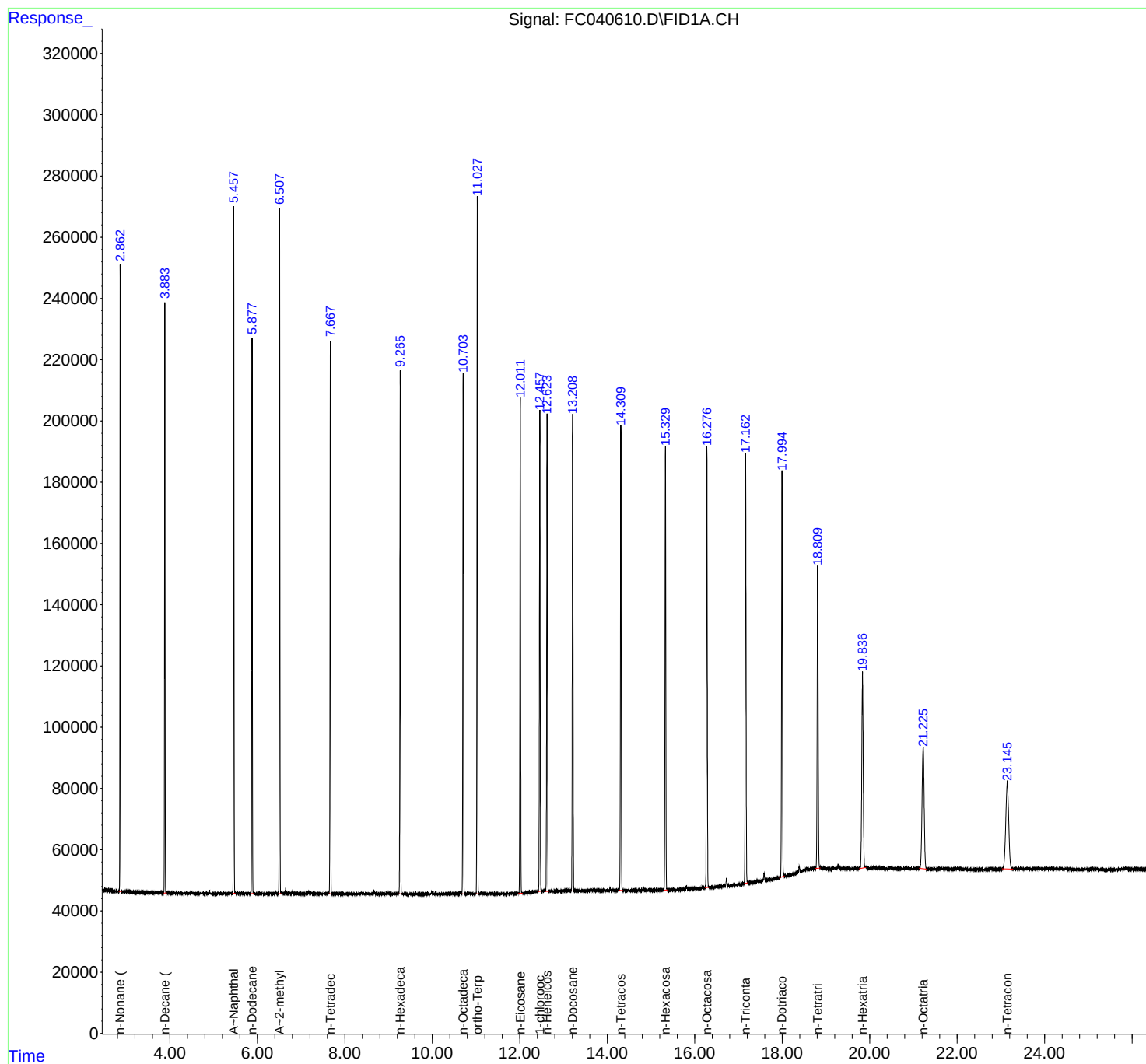
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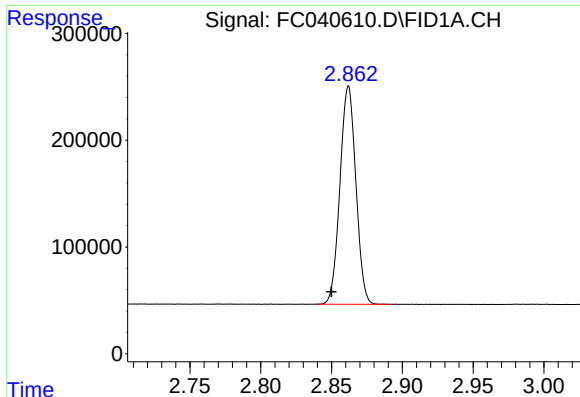
(m)=manual int.

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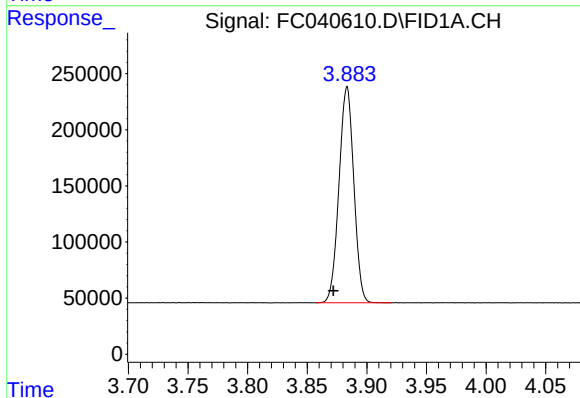
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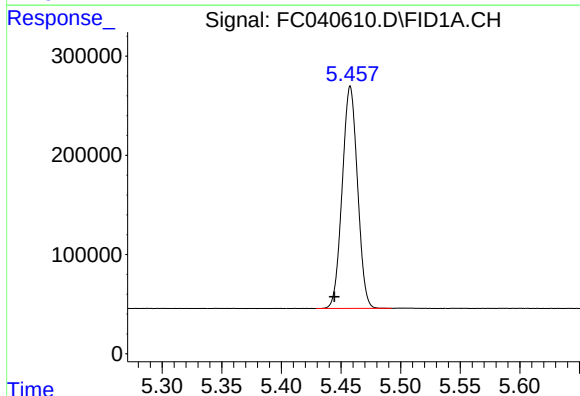
#1 n-Nonane (C9)

R.T.: 2.862 min
Delta R.T.: 0.012 min
Response: 1601619
Conc: 19.41 ug/ml



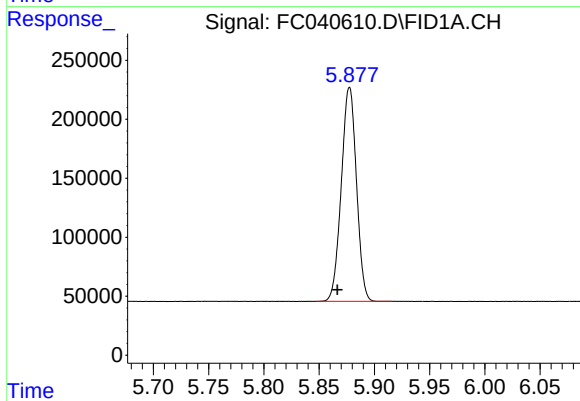
#2 n-Decane (C10)

R.T.: 3.883 min
Delta R.T.: 0.012 min
Response: 1665417
Conc: 19.68 ug/ml



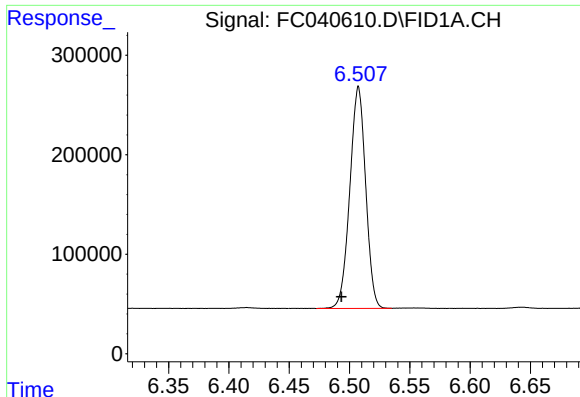
#3 A~Naphthalene (C11.7)

R.T.: 5.458 min
Delta R.T.: 0.013 min
Response: 2000455
Conc: 20.50 ug/ml



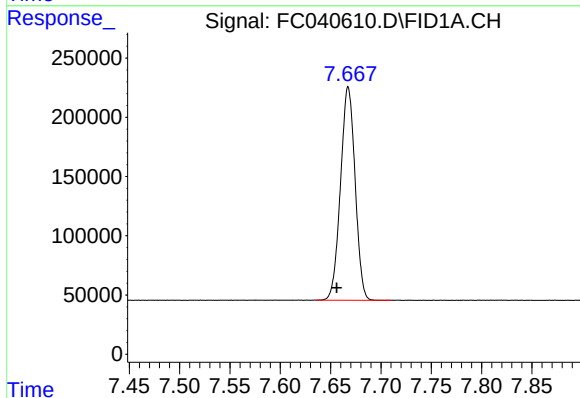
#4 n-Dodecane (C12)

R.T.: 5.878 min
Delta R.T.: 0.011 min
Response: 1736853
Conc: 20.11 ug/ml



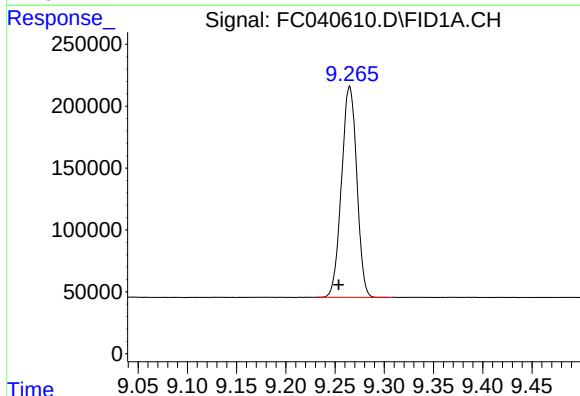
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.507 min
Delta R.T.: 0.014 min
Response: 2037564
Conc: 20.51 ug/ml



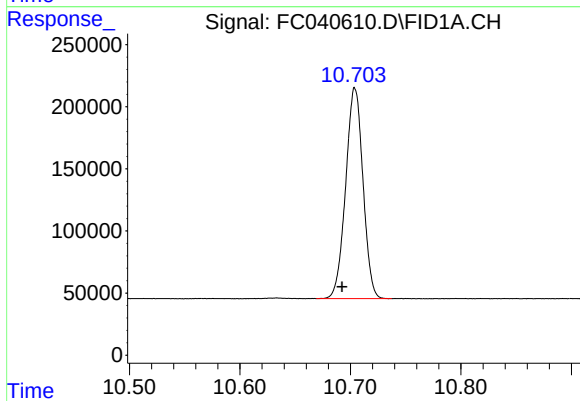
#6 n-Tetradecane (C14)

R.T.: 7.668 min
Delta R.T.: 0.012 min
Response: 1816701
Conc: 19.93 ug/ml



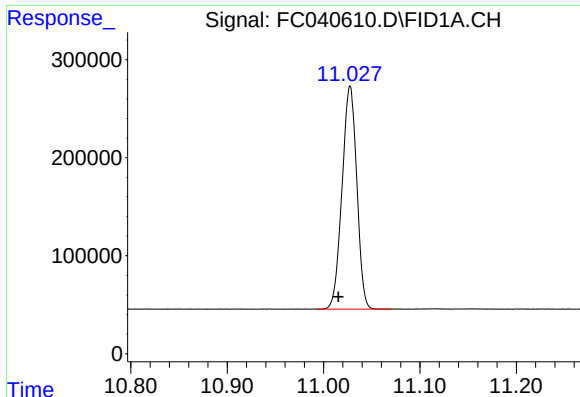
#7 n-Hexadecane (C16)

R.T.: 9.265 min
Delta R.T.: 0.011 min
Response: 1844608
Conc: 19.19 ug/ml



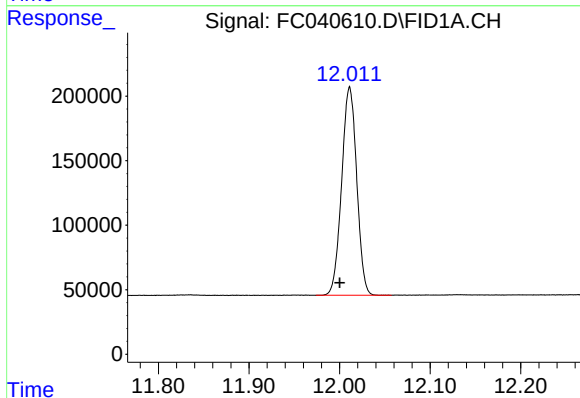
#8 n-Octadecane (C18)

R.T.: 10.704 min
Delta R.T.: 0.011 min
Response: 1849923
Conc: 18.44 ug/ml



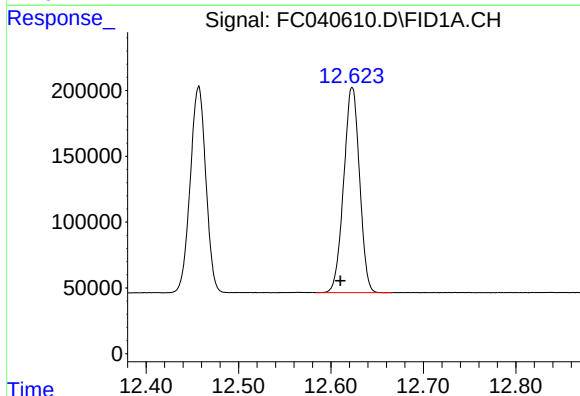
#9 ortho-Terphenyl (SURR)

R.T.: 11.028 min
Delta R.T.: 0.012 min
Response: 2406773
Conc: 18.69 ug/ml



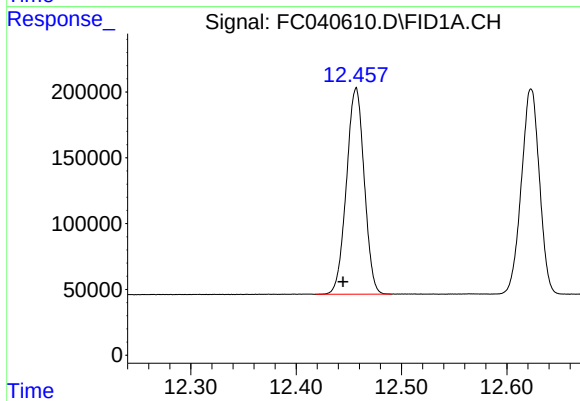
#10 n-Eicosane (C20)

R.T.: 12.011 min
Delta R.T.: 0.011 min
Response: 1865808
Conc: 18.33 ug/ml



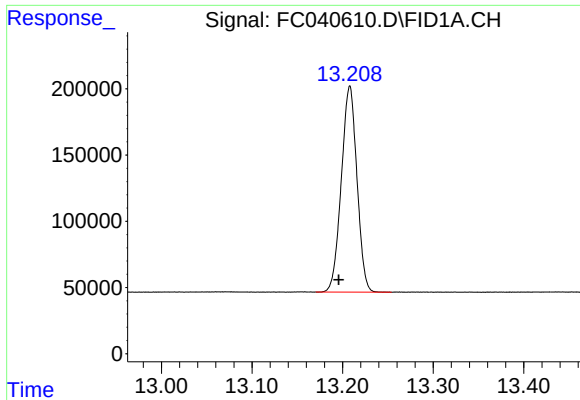
#11 n-Heneicosane (C21)

R.T.: 12.623 min
Delta R.T.: 0.013 min
Response: 1861868
Conc: 18.46 ug/ml



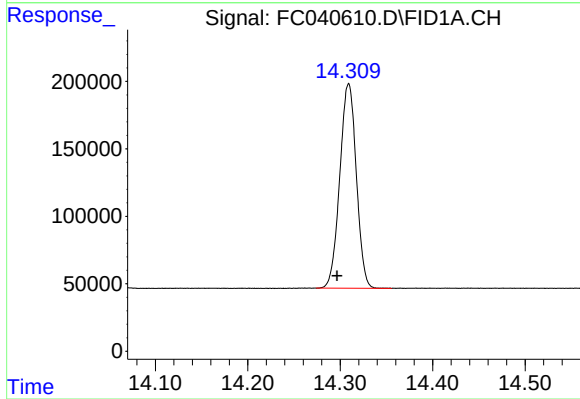
#12 1-chlorooctadecane (SURR)

R.T.: 12.457 min
Delta R.T.: 0.012 min
Response: 1836231
Conc: 18.59 ug/ml



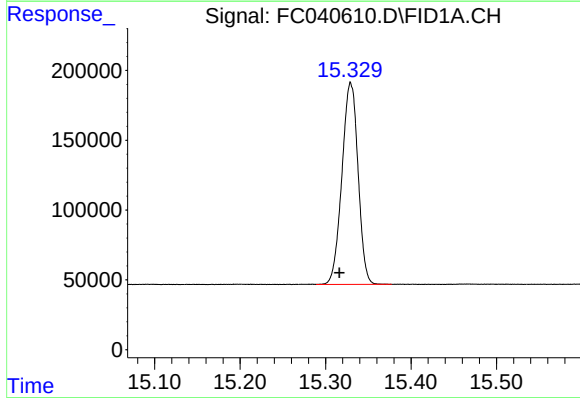
#13 n-Docosane (C22)

R.T.: 13.208 min
Delta R.T.: 0.012 min
Response: 1865646
Conc: 18.56 ug/ml



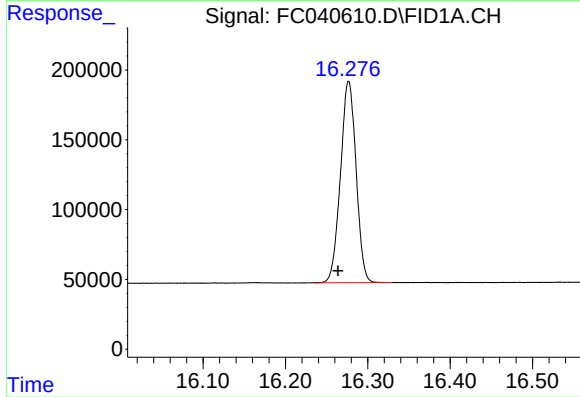
#14 n-Tetracosane (C24)

R.T.: 14.309 min
Delta R.T.: 0.013 min
Response: 1886165
Conc: 18.94 ug/ml



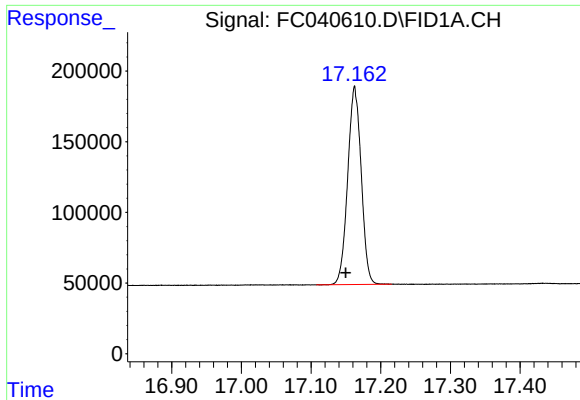
#15 n-Hexacosane (C26)

R.T.: 15.329 min
Delta R.T.: 0.013 min
Response: 1893214
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.277 min
Delta R.T.: 0.013 min
Response: 1903825
Conc: 19.41 ug/ml



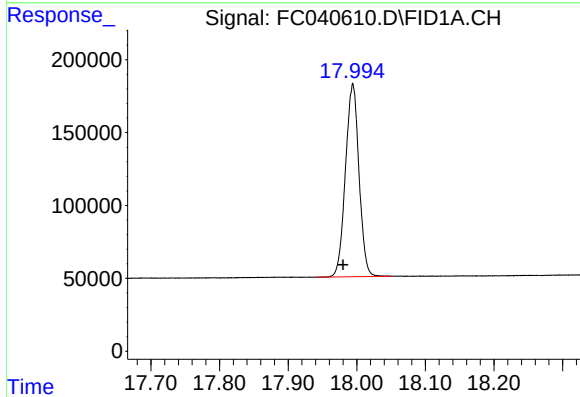
#17 n-Tricontane (C30)

R.T.: 17.162 min

Delta R.T.: 0.013 min

Response: 1882968

Conc: 19.24 ug/ml



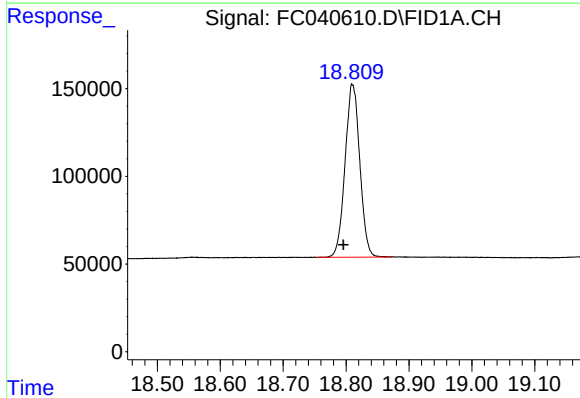
#18 n-Dotriacontane (C32)

R.T.: 17.994 min

Delta R.T.: 0.014 min

Response: 1812971

Conc: 18.73 ug/ml



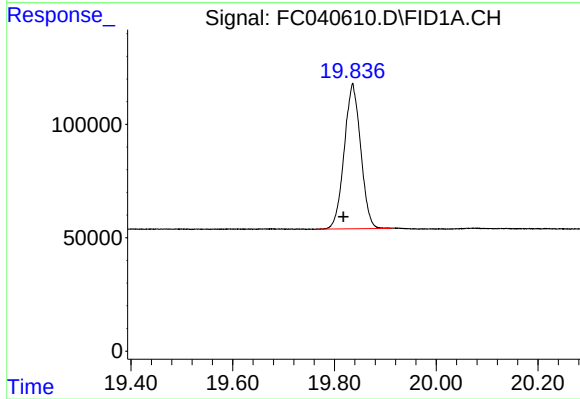
#19 n-Tetratriacontane (C34)

R.T.: 18.810 min

Delta R.T.: 0.014 min

Response: 1604664

Conc: 19.14 ug/ml



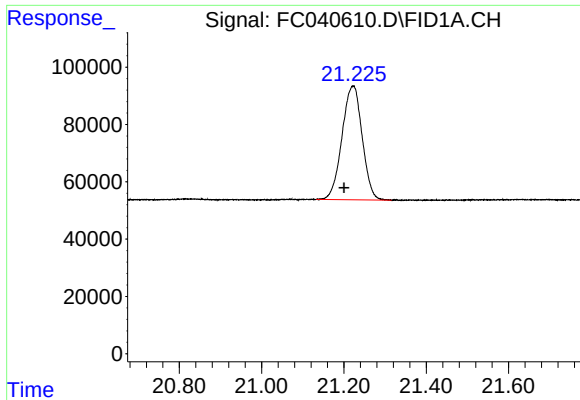
#20 n-Hexatriacontane (C36)

R.T.: 19.836 min

Delta R.T.: 0.018 min

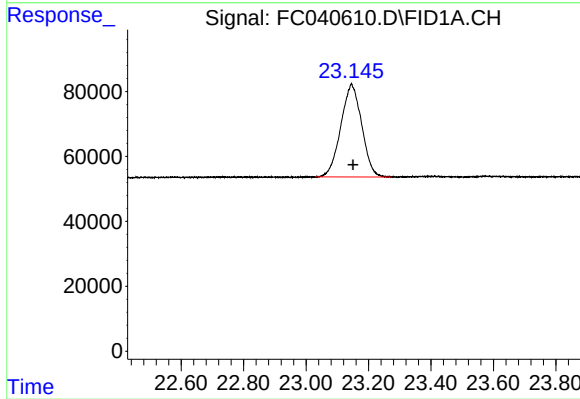
Response: 1433390

Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.023 min
Response: 1348661
Conc: 19.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.145 min
Delta R.T.: -0.005 min
Response: 1324862
Conc: 19.54 ug/ml