

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082118AL\
 Data File : FD025441.D
 Signal(s) : FID2B.CH
 Acq On : 21 Aug 2018 17:28
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 22 04:23:55 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080218.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 02 16:12:55 2018
 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)	11.336	1806781	21.508 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
12) S 1-chlorooctadecane (S...	12.777	1425250	20.674 ug/mlm
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T n-Nonane (C9)	3.141	1434005	21.277 ug/ml
2) T n-Decane (C10)	4.205	1451076	21.366 ug/ml
3) T A~Naphthalene (C11.7)	5.771	1651424	21.190 ug/ml
4) T n-Dodecane (C12)	6.219	1461448	21.517 ug/ml
5) T A~2-methylnaphthalene...	6.823	1668687	21.331 ug/ml
6) T n-Tetradecane (C14)	8.006	1526612	22.037 ug/ml
7) T n-Hexadecane (C16)	9.599	1584698	22.086 ug/ml
8) T n-Octadecane (C18)	11.035	1646516	21.835 ug/ml
10) T n-Eicosane (C20)	12.339	1666517	21.362 ug/ml
11) T n-Heneicosane (C21)	12.948	1659941	21.139 ug/ml
13) T n-Docosane (C22)	13.532	1656676	20.927 ug/ml
14) T n-Tetracosane (C24)	14.630	1651525	20.519 ug/ml
15) T n-Hexacosane (C26)	15.646	1635122	19.970 ug/ml
16) T n-Octacosane (C28)	16.593	1649942	18.289 ug/ml
17) T n-Tricontane (C30)	17.475	1678155	15.940 ug/ml
18) T n-Dotriacontane (C32)	18.303	1718925	17.547 ug/ml
19) T n-Tetratriacontane (C34)	19.083	1729130	19.705 ug/ml
20) T n-Hexatriacontane (C36)	19.819	1705700	20.308 ug/ml
21) T n-Octatriacontane (C38)	20.521	1684022	20.162 ug/ml
22) T n-Tetracontane (C40)	21.332	1710016	20.297 ug/ml

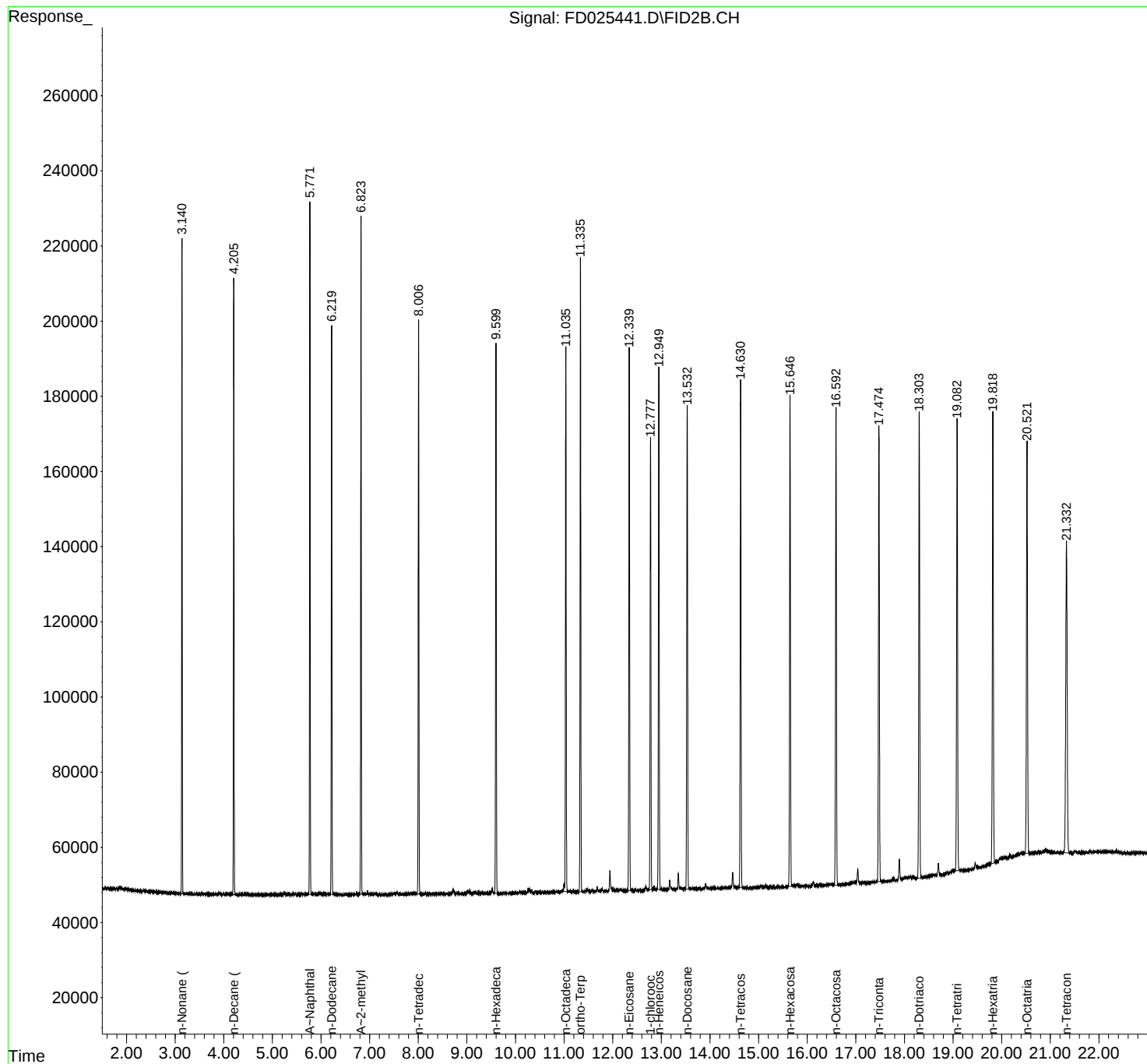
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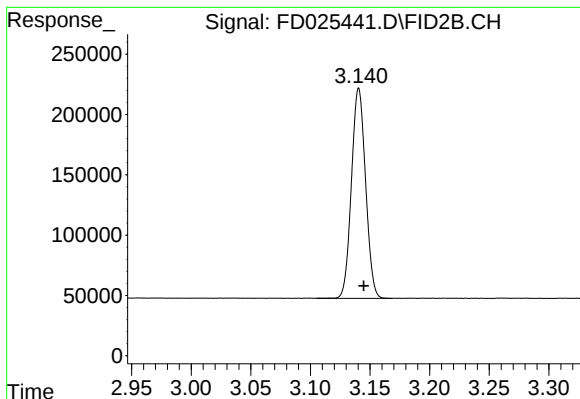
(m)=manual int.

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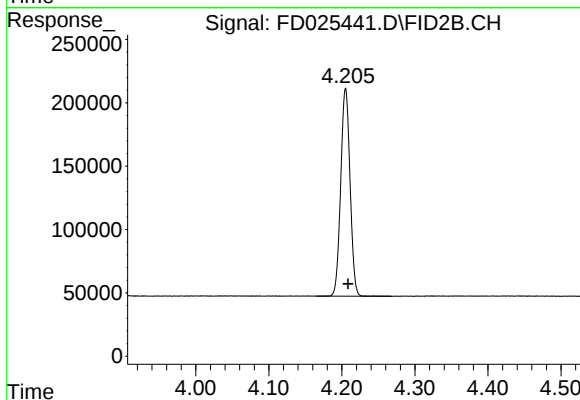
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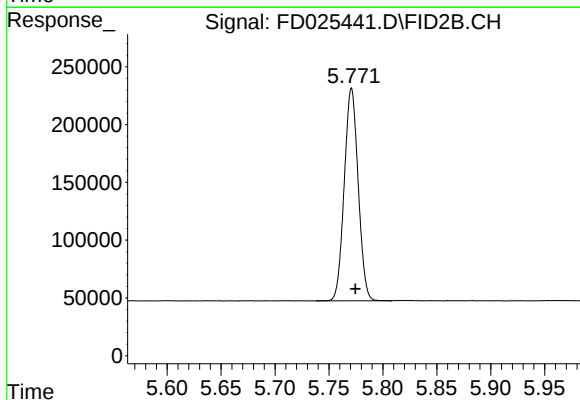
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: -0.004 min
Response: 1434005
Conc: 21.28 ug/ml



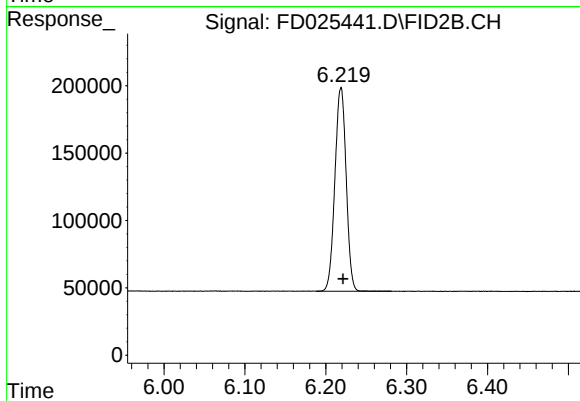
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: -0.003 min
Response: 1451076
Conc: 21.37 ug/ml



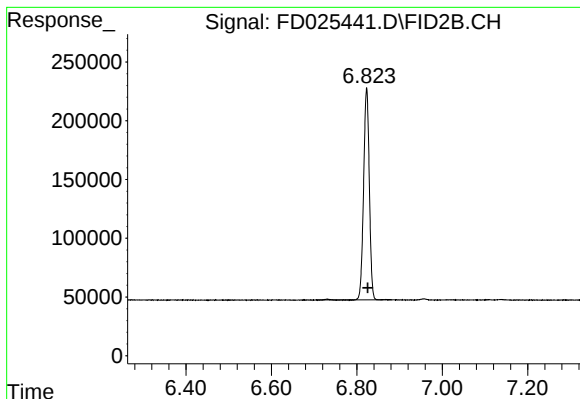
#3 A~Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 1651424
Conc: 21.19 ug/ml



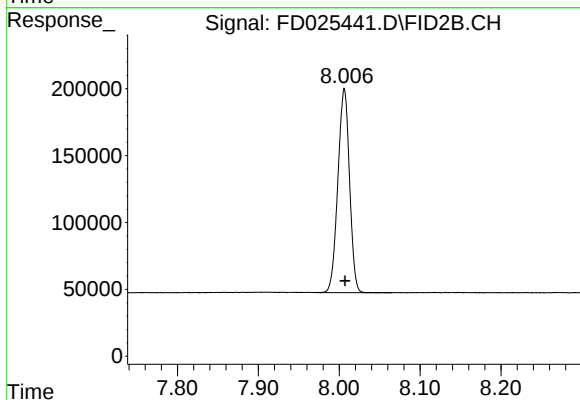
#4 n-Dodecane (C12)

R.T.: 6.219 min
Delta R.T.: -0.003 min
Response: 1461448
Conc: 21.52 ug/ml



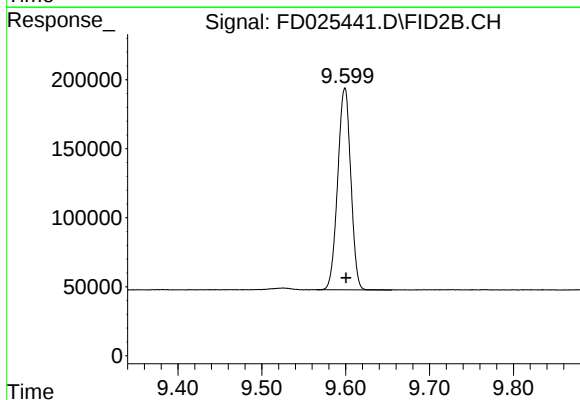
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.003 min
Response: 1668687
Conc: 21.33 ug/ml



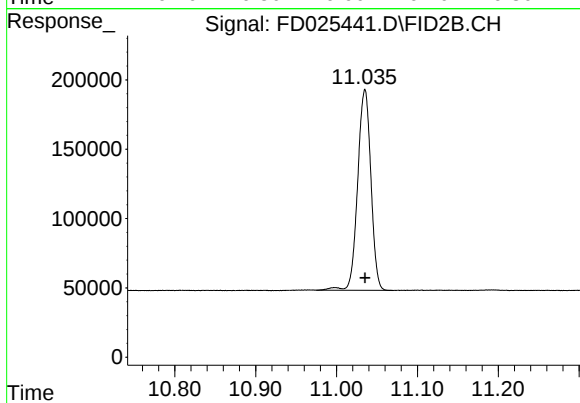
#6 n-Tetradecane (C14)

R.T.: 8.006 min
Delta R.T.: -0.001 min
Response: 1526612
Conc: 22.04 ug/ml



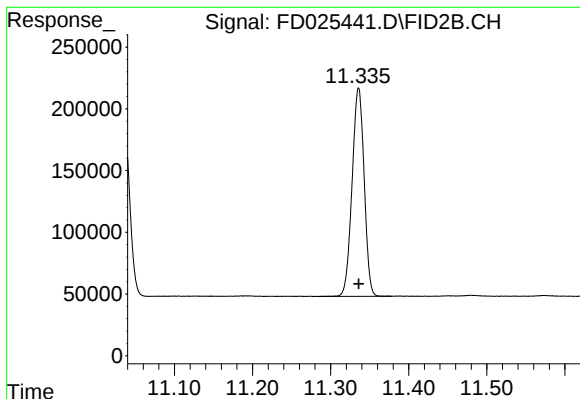
#7 n-Hexadecane (C16)

R.T.: 9.599 min
Delta R.T.: -0.002 min
Response: 1584698
Conc: 22.09 ug/ml



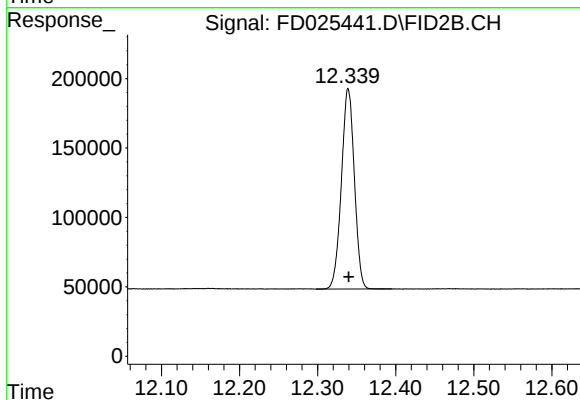
#8 n-Octadecane (C18)

R.T.: 11.035 min
Delta R.T.: 0.000 min
Response: 1646516
Conc: 21.83 ug/ml



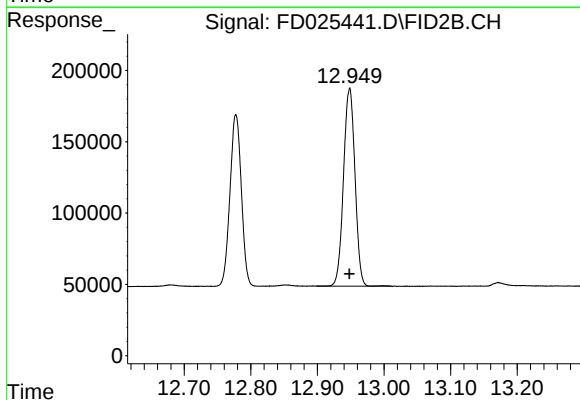
#9 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 1806781
Conc: 21.51 ug/ml



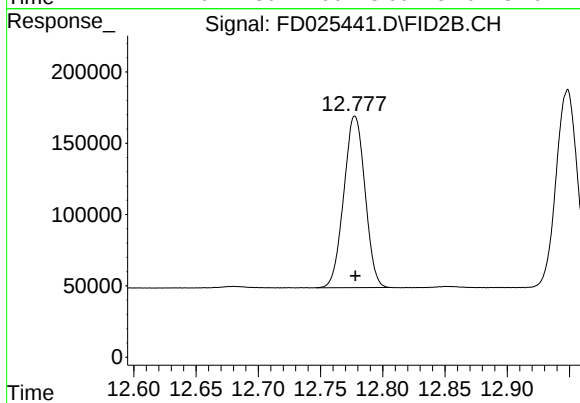
#10 n-Eicosane (C20)

R.T.: 12.339 min
Delta R.T.: 0.000 min
Response: 1666517
Conc: 21.36 ug/ml



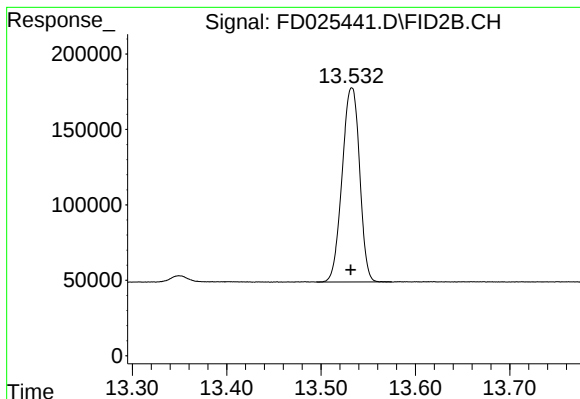
#11 n-Heneicosane (C21)

R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 1659941
Conc: 21.14 ug/ml



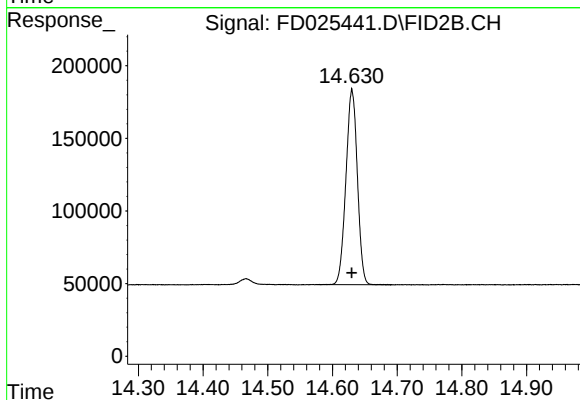
#12 1-chlorooctadecane (SURR)

R.T.: 12.777 min
Delta R.T.: 0.000 min
Response: 1425250
Conc: 20.67 ug/ml m



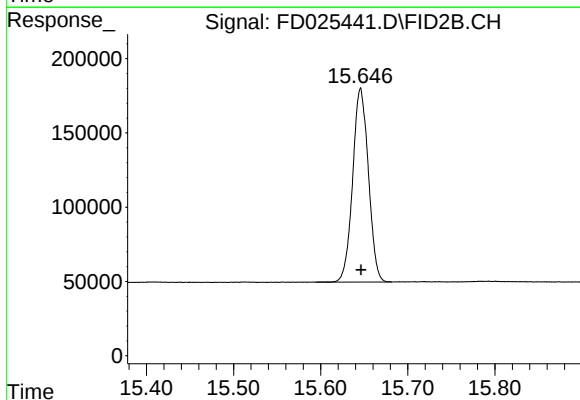
#13 n-Docosane (C22)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 1656676
Conc: 20.93 ug/ml



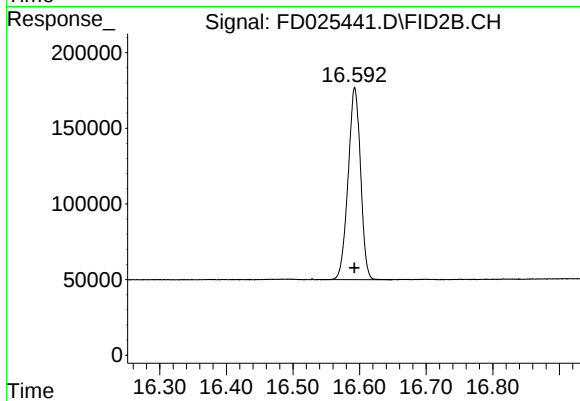
#14 n-Tetracosane (C24)

R.T.: 14.630 min
Delta R.T.: 0.000 min
Response: 1651525
Conc: 20.52 ug/ml



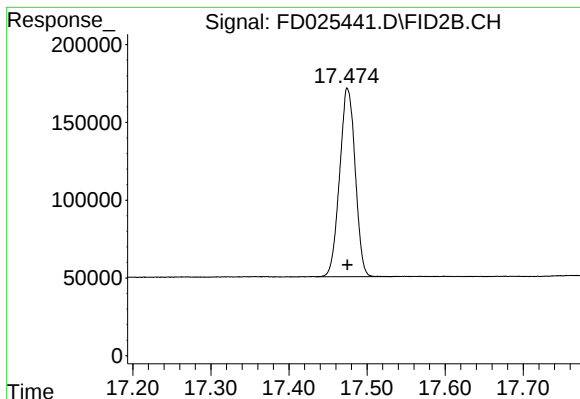
#15 n-Hexacosane (C26)

R.T.: 15.646 min
Delta R.T.: 0.000 min
Response: 1635122
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.593 min
Delta R.T.: 0.000 min
Response: 1649942
Conc: 18.29 ug/ml



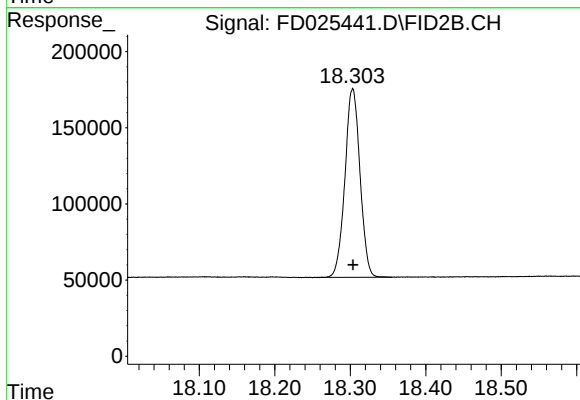
#17 n-Tricontane (C30)

R.T.: 17.475 min

Delta R.T.: 0.000 min

Response: 1678155

Conc: 15.94 ug/ml



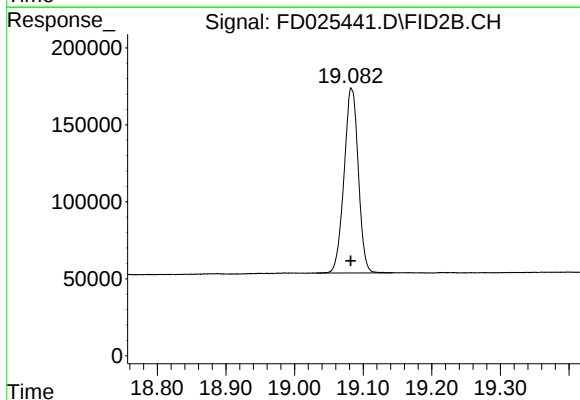
#18 n-Dotriacontane (C32)

R.T.: 18.303 min

Delta R.T.: 0.000 min

Response: 1718925

Conc: 17.55 ug/ml



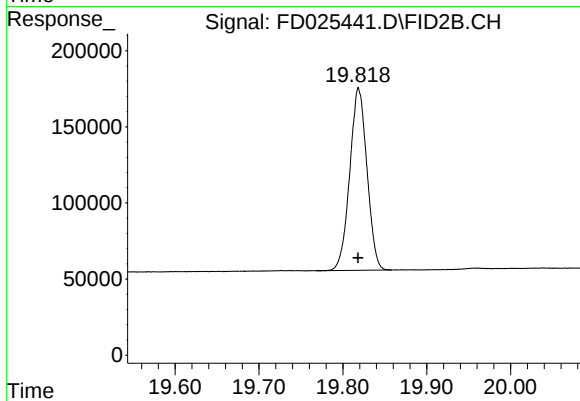
#19 n-Tetratriacontane (C34)

R.T.: 19.083 min

Delta R.T.: 0.001 min

Response: 1729130

Conc: 19.71 ug/ml



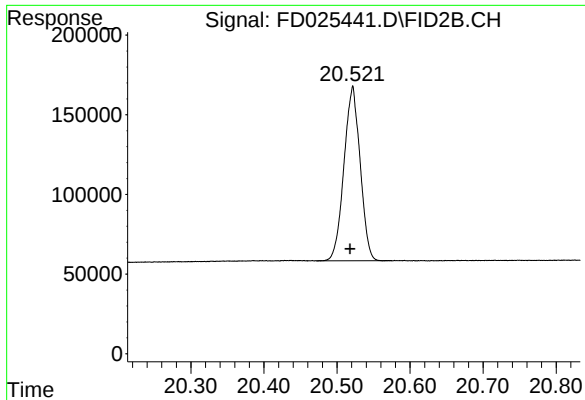
#20 n-Hexatriacontane (C36)

R.T.: 19.819 min

Delta R.T.: 0.000 min

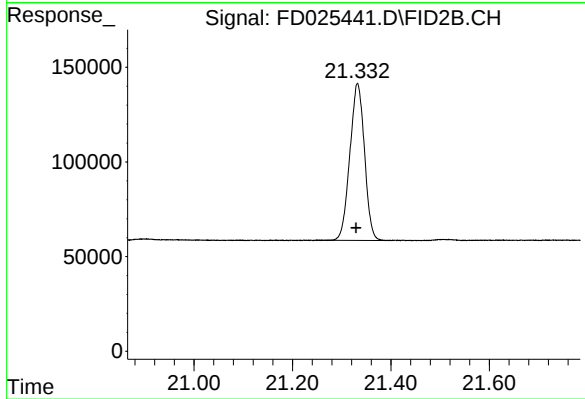
Response: 1705700

Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.521 min
Delta R.T.: 0.003 min
Response: 1684022
Conc: 20.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.332 min
Delta R.T.: 0.003 min
Response: 1710016
Conc: 20.30 ug/ml