

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111020AL\
 Data File : FD035451.D
 Signal(s) : FID2B.CH
 Acq On : 11 Nov 2020 4:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 11 04:51:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 2020
 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)	11.539	2502131	19.234 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.970	1988927	19.084 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.328	2303195	20.454 ug/ml
2) T n-Decane (C10)	4.392	2318766	20.519 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2517748	20.587 ug/ml
4) T n-Dodecane (C12)	6.403	2370772	20.506 ug/ml
5) T A~2-methylnaphthalene...	7.026	2557558	20.440 ug/ml
6) T n-Tetradecane (C14)	8.191	2374466	20.618 ug/ml
7) T n-Hexadecane (C16)	9.786	2332812	20.416 ug/ml
8) T n-Octadecane (C18)	11.223	2412529	19.992 ug/ml
10) T n-Eicosane (C20)	12.528	2401498	19.583 ug/ml
11) T n-Heneicosane (C21)	13.137	2367337	19.255 ug/ml
13) T n-Docosane (C22)	13.721	2374018	19.253 ug/ml
14) T n-Tetracosane (C24)	14.819	2369964	19.156 ug/ml
15) T n-Hexacosane (C26)	15.836	2268385	18.429 ug/ml
16) T n-Octacosane (C28)	16.781	2200892	17.876 ug/ml
17) T n-Tricontane (C30)	17.665	2126290	17.594 ug/ml
18) T n-Dotriacontane (C32)	18.492	1964866	17.475 ug/ml
19) T n-Tetratriacontane (C34)	19.272	1821153	17.351 ug/ml
20) T n-Hexatriacontane (C36)	20.007	1722495	17.981 ug/ml
21) T n-Octatriacontane (C38)	20.731	1658265	18.669 ug/ml
22) T n-Tetracontane (C40)	21.608	1680085	19.143 ug/ml

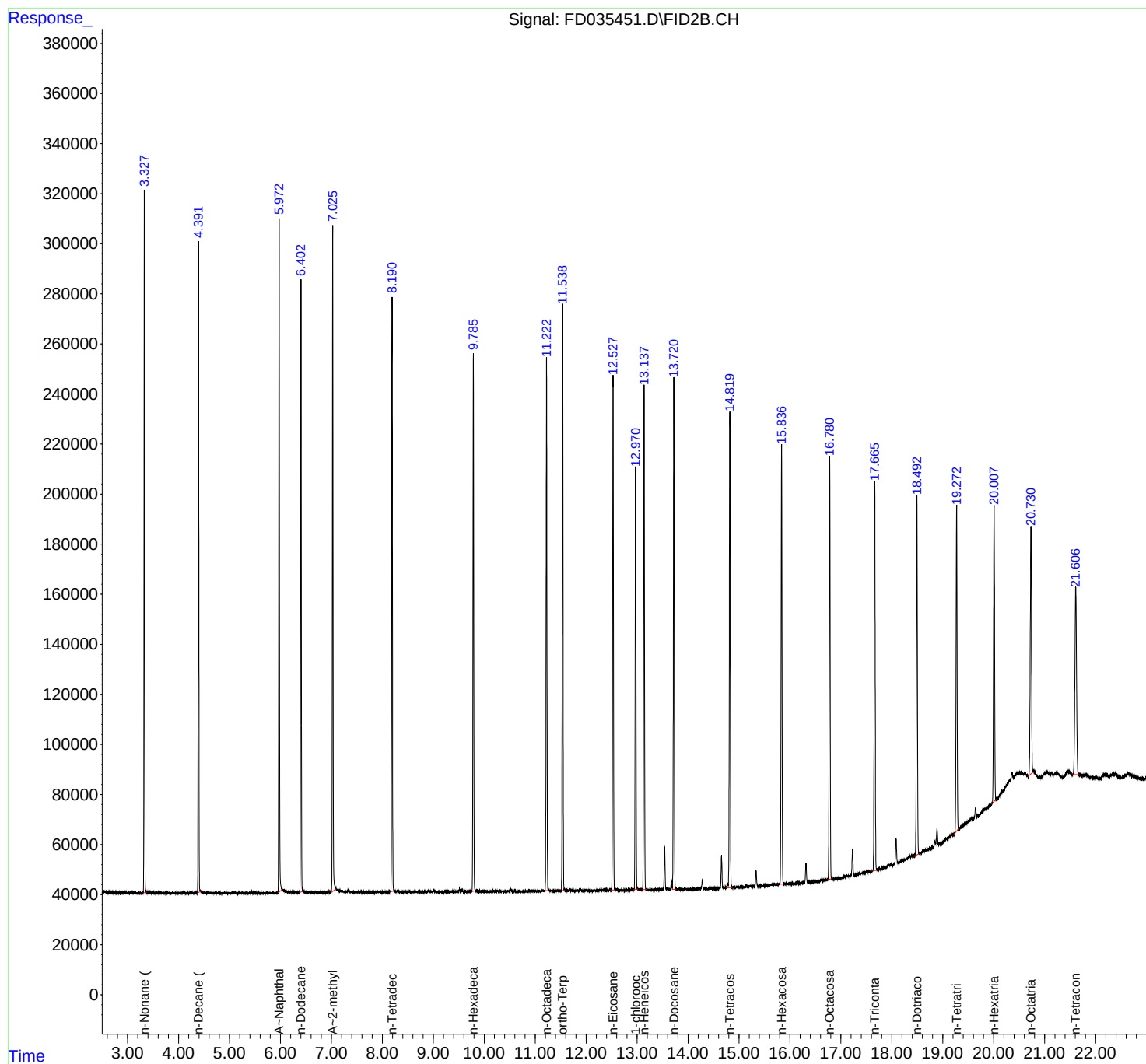
(f)=RT Delta > 1/2 Window

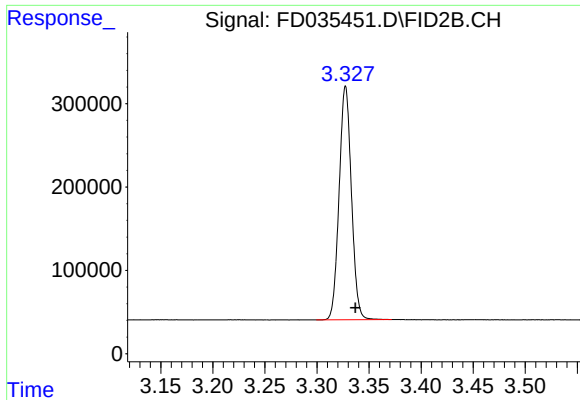
(m)=manual int.

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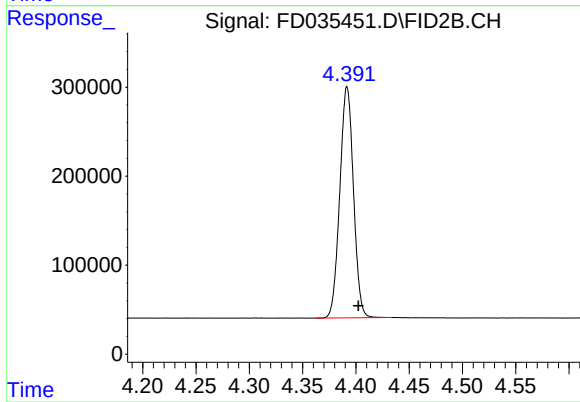
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Signal Info : 20M x 0.18mm x 0.18um





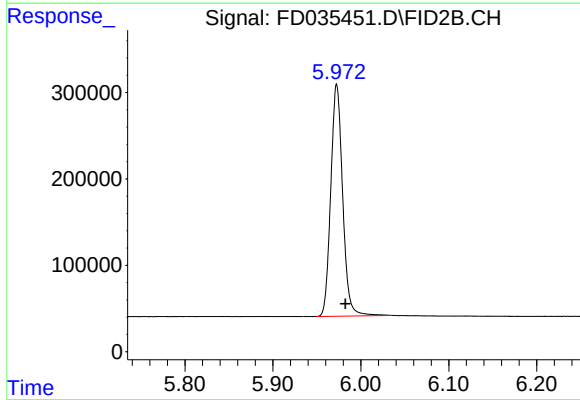
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.009 min
Response: 2303195
Conc: 20.45 ug/ml



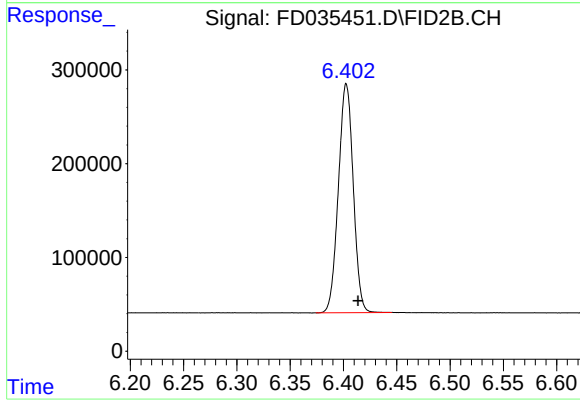
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: -0.011 min
Response: 2318766
Conc: 20.52 ug/ml



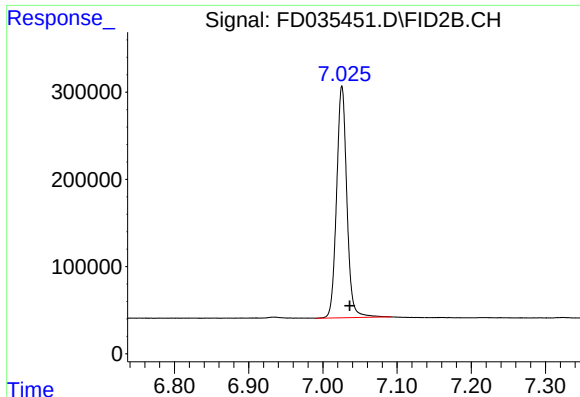
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.010 min
Response: 2517748
Conc: 20.59 ug/ml



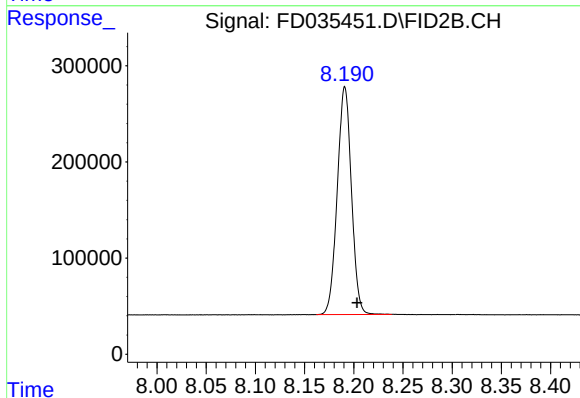
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.011 min
Response: 2370772
Conc: 20.51 ug/ml



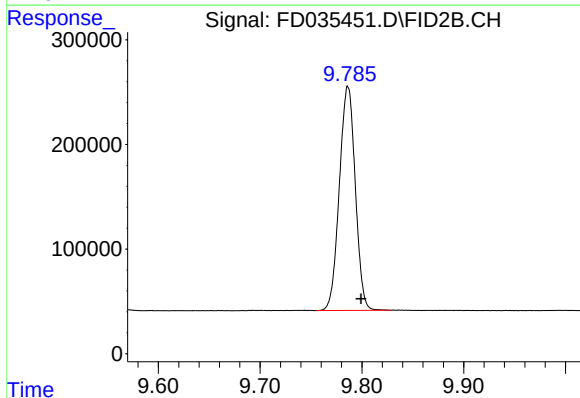
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.011 min
Response: 2557558
Conc: 20.44 ug/ml



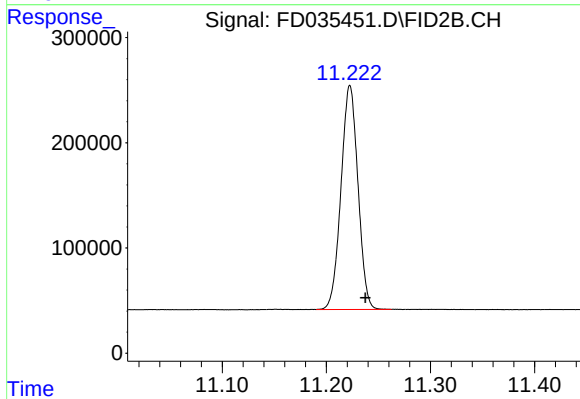
#6 n-Tetradecane (C14)

R.T.: 8.191 min
Delta R.T.: -0.012 min
Response: 2374466
Conc: 20.62 ug/ml



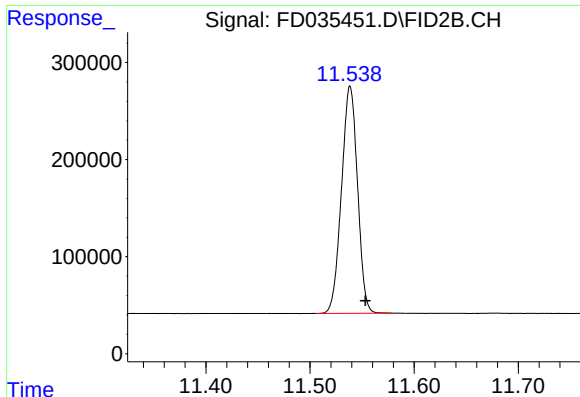
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.013 min
Response: 2332812
Conc: 20.42 ug/ml



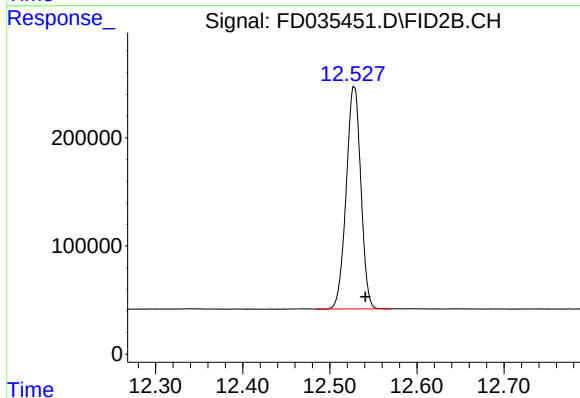
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.015 min
Response: 2412529
Conc: 19.99 ug/ml



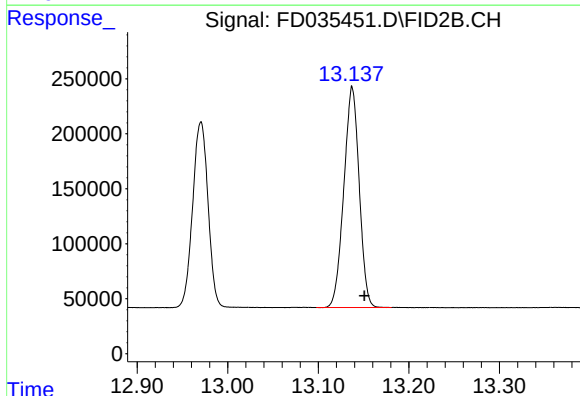
#9 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.015 min
Response: 2502131
Conc: 19.23 ug/ml



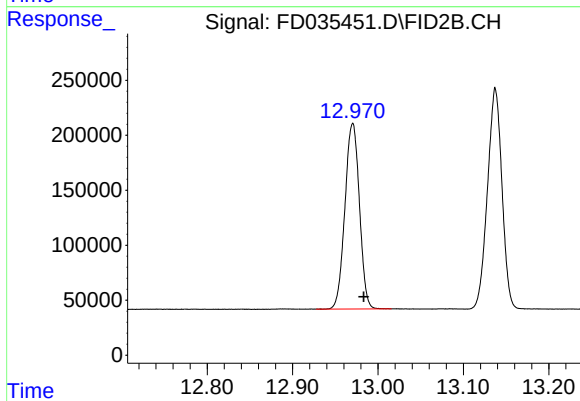
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.013 min
Response: 2401498
Conc: 19.58 ug/ml



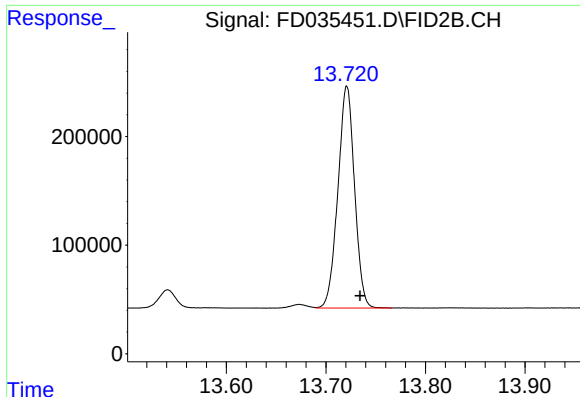
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.013 min
Response: 2367337
Conc: 19.25 ug/ml



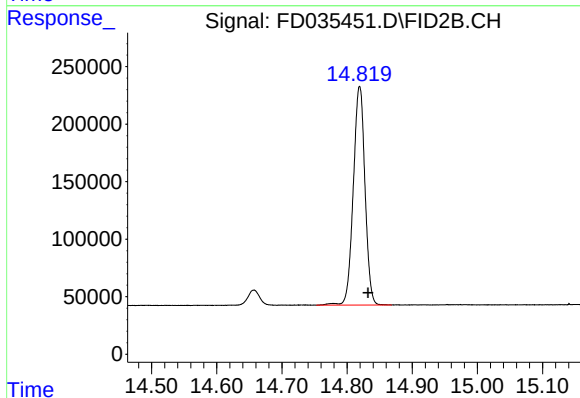
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.013 min
Response: 1988927
Conc: 19.08 ug/ml



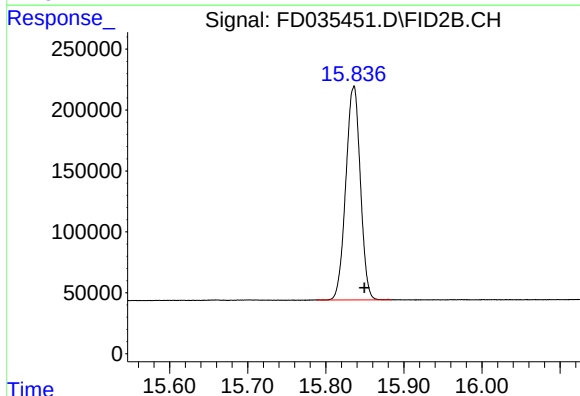
#13 n-Docosane (C22)

R.T.: 13.721 min
Delta R.T.: -0.013 min
Response: 2374018
Conc: 19.25 ug/ml



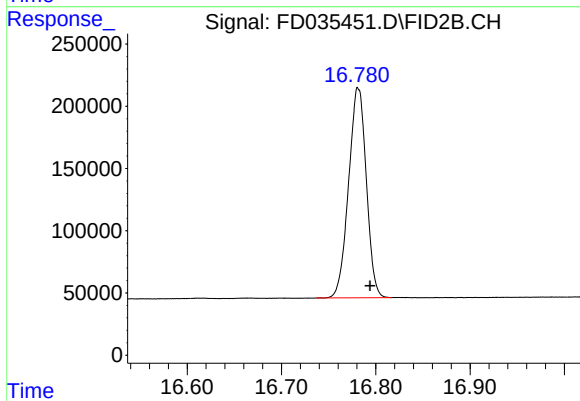
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.013 min
Response: 2369964
Conc: 19.16 ug/ml



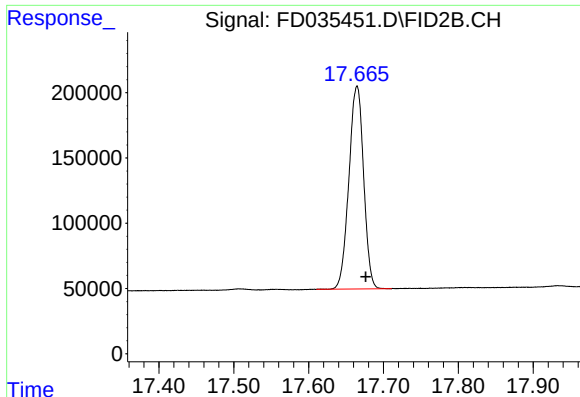
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.014 min
Response: 2268385
Conc: 18.43 ug/ml



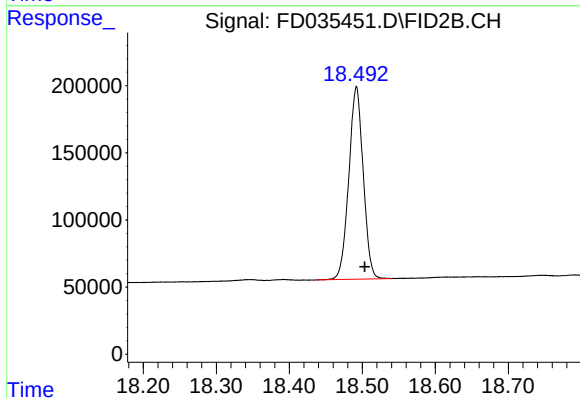
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.013 min
Response: 2200892
Conc: 17.88 ug/ml



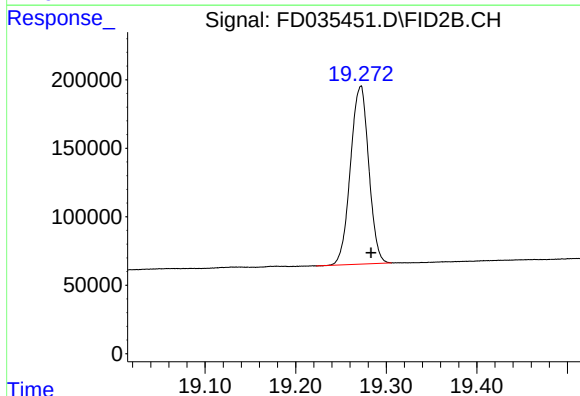
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: -0.012 min
Response: 2126290
Conc: 17.59 ug/ml



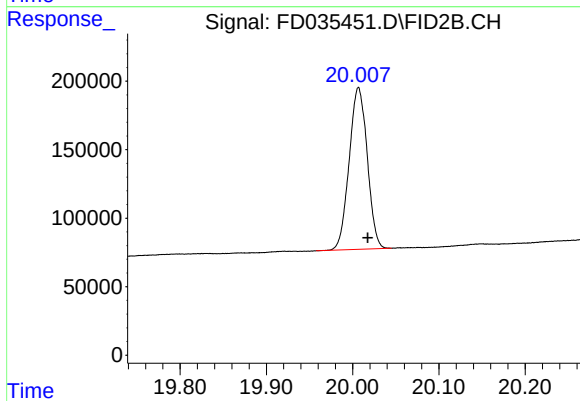
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: -0.011 min
Response: 1964866
Conc: 17.47 ug/ml



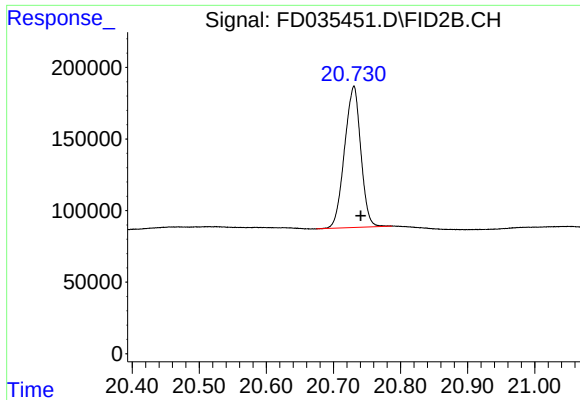
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.011 min
Response: 1821153
Conc: 17.35 ug/ml



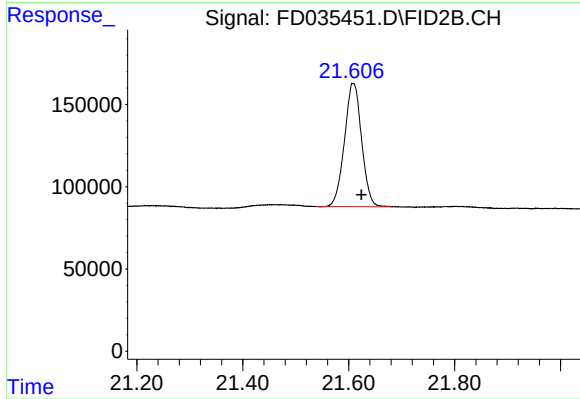
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.011 min
Response: 1722495
Conc: 17.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.010 min
Response: 1658265
Conc: 18.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.608 min
Delta R.T.: -0.016 min
Response: 1680085
Conc: 19.14 ug/ml