

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102020AL\
 Data File : FC050218.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2020 10:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 12:57:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.632	2123128	18.941 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
12) S 1-chlorooctadecane (S...	13.066	1629935	18.816 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.374	2040119	20.587 ug/ml
2) T n-Decane (C10)	4.446	2042654	20.517 ug/ml
3) T A~Naphthalene (C11.7)	6.042	2219670	20.139 ug/ml
4) T n-Dodecane (C12)	6.469	2054821	20.364 ug/ml
5) T A~2-methylnaphthalene...	7.100	2231458	20.048 ug/ml
6) T n-Tetradecane (C14)	8.265	2032535	20.289 ug/ml
7) T n-Hexadecane (C16)	9.868	1985091	20.142 ug/ml
8) T n-Octadecane (C18)	11.311	2033773	19.693 ug/ml
10) T n-Eicosane (C20)	12.620	2002826	19.248 ug/ml
11) T n-Heneicosane (C21)	13.232	1974196	18.998 ug/ml
13) T n-Docosane (C22)	13.818	1947482	18.761 ug/ml
14) T n-Tetracosane (C24)	14.921	1891271	18.208 ug/ml
15) T n-Hexacosane (C26)	15.941	1837087	17.828 ug/ml
16) T n-Octacosane (C28)	16.890	1819300	17.579 ug/ml
17) T n-Tricontane (C30)	17.777	1774954	17.393 ug/ml
18) T n-Dotriacontane (C32)	18.606	1672901	17.414 ug/ml
19) T n-Tetratriacontane (C34)	19.390	1616098	17.619 ug/ml
20) T n-Hexatriacontane (C36)	20.130	1579836	17.836 ug/mlm
21) T n-Octatriacontane (C38)	20.875	1549012	18.786 ug/ml
22) T n-Tetracontane (C40)	21.811	1550845	18.546 ug/ml

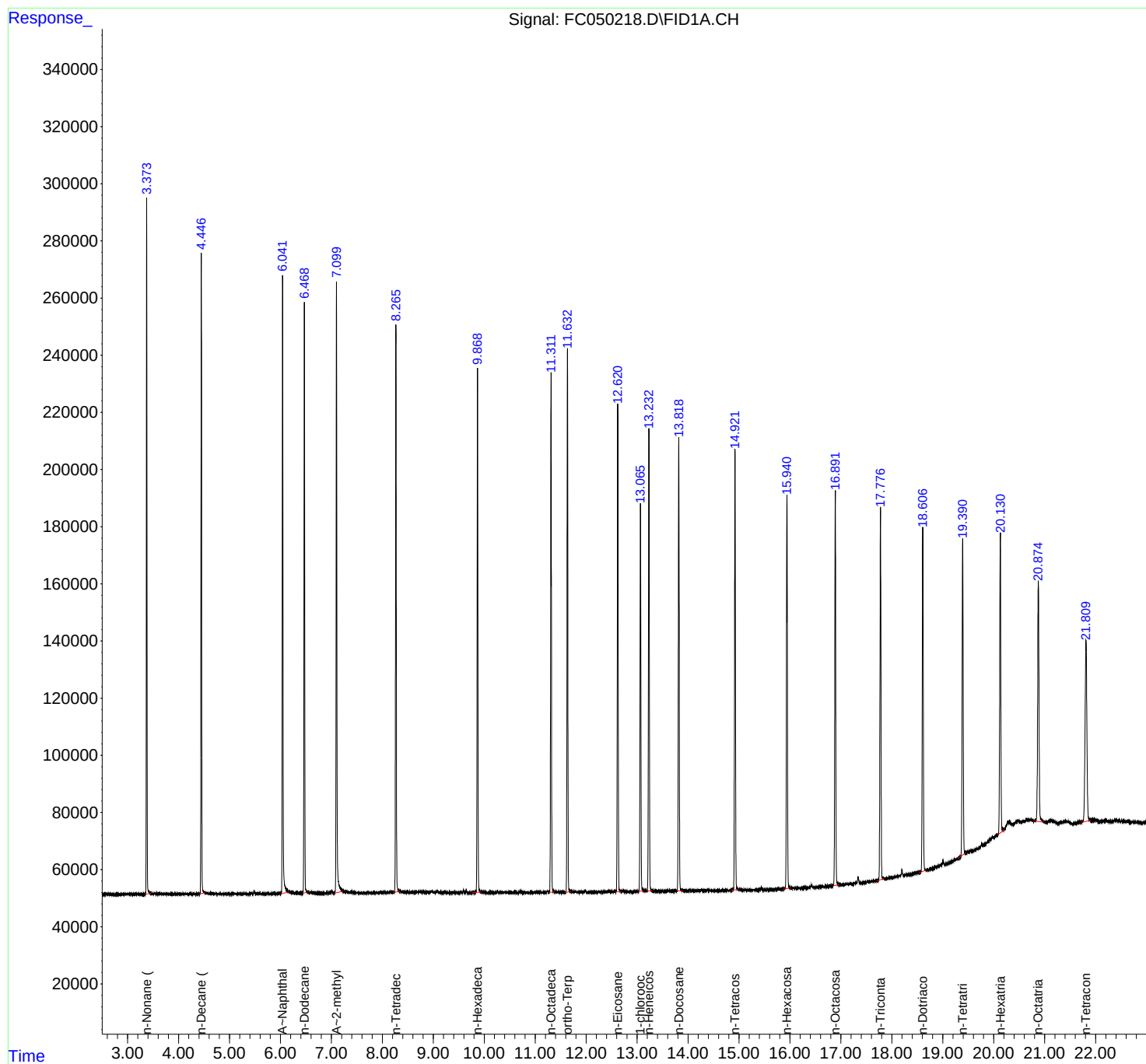
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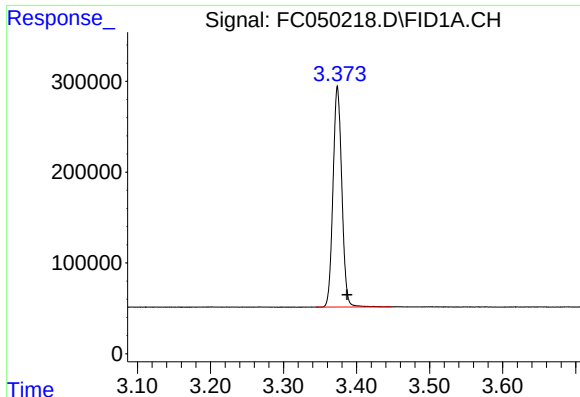
(m)=manual int.

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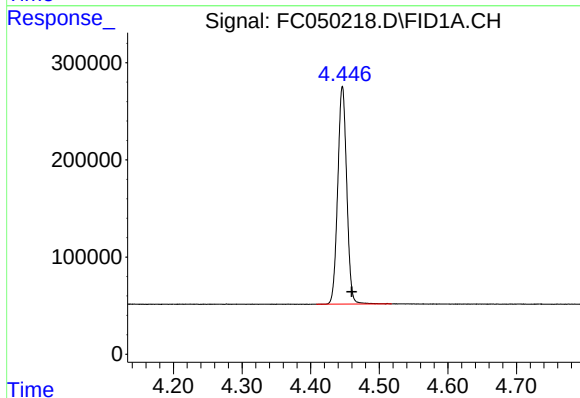
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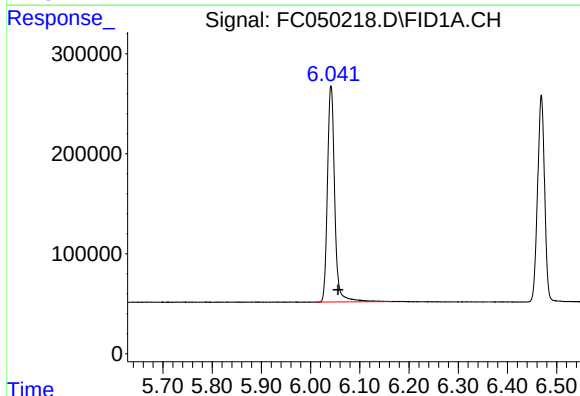
#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: -0.013 min
Response: 2040119
Conc: 20.59 ug/ml



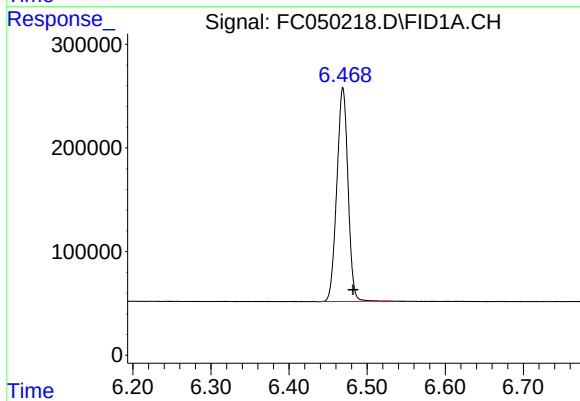
#2 n-Decane (C10)

R.T.: 4.446 min
Delta R.T.: -0.013 min
Response: 2042654
Conc: 20.52 ug/ml



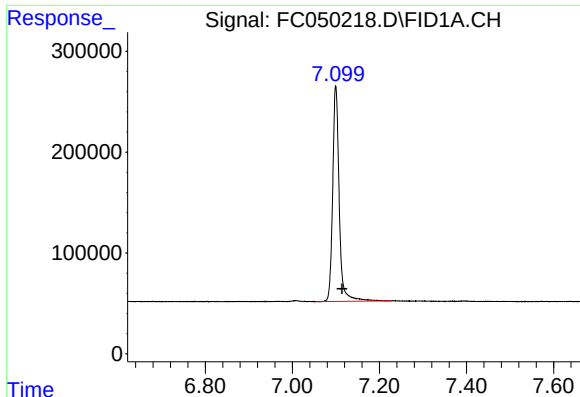
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.015 min
Response: 2219670
Conc: 20.14 ug/ml



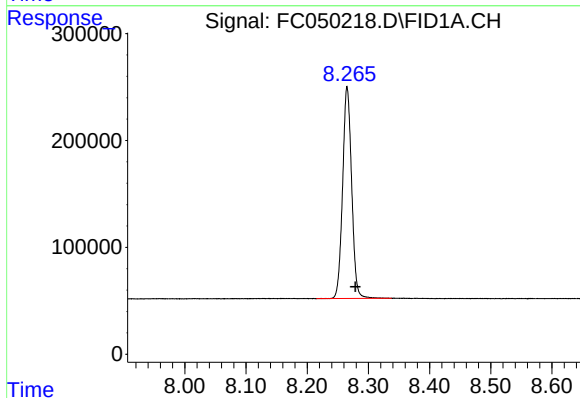
#4 n-Dodecane (C12)

R.T.: 6.469 min
Delta R.T.: -0.013 min
Response: 2054821
Conc: 20.36 ug/ml



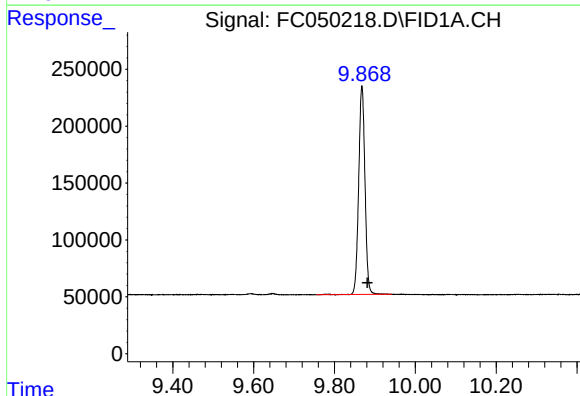
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.014 min
Response: 2231458
Conc: 20.05 ug/ml



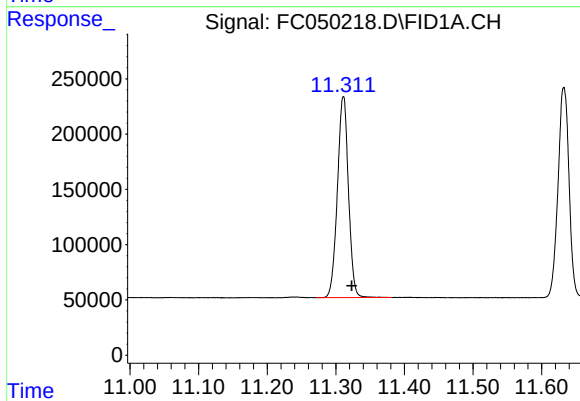
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: -0.014 min
Response: 2032535
Conc: 20.29 ug/ml



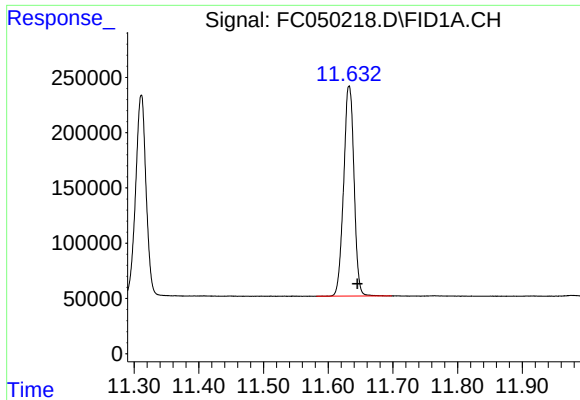
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.014 min
Response: 1985091
Conc: 20.14 ug/ml



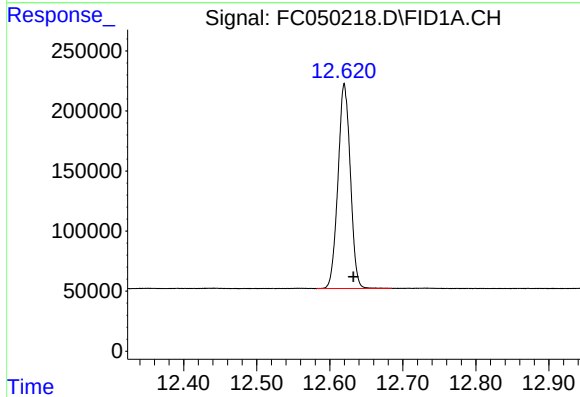
#8 n-Octadecane (C18)

R.T.: 11.311 min
Delta R.T.: -0.012 min
Response: 2033773
Conc: 19.69 ug/ml



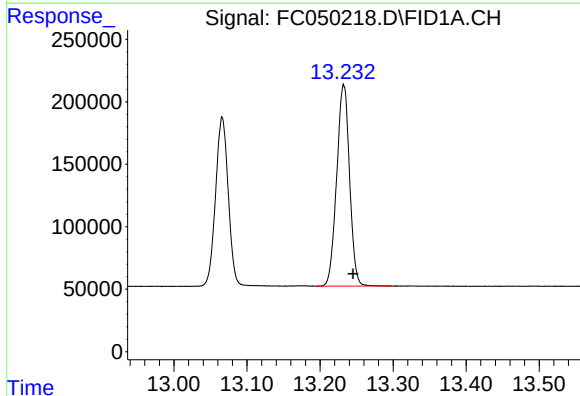
#9 ortho-Terphenyl (SURR)

R.T.: 11.632 min
Delta R.T.: -0.013 min
Response: 2123128
Conc: 18.94 ug/ml



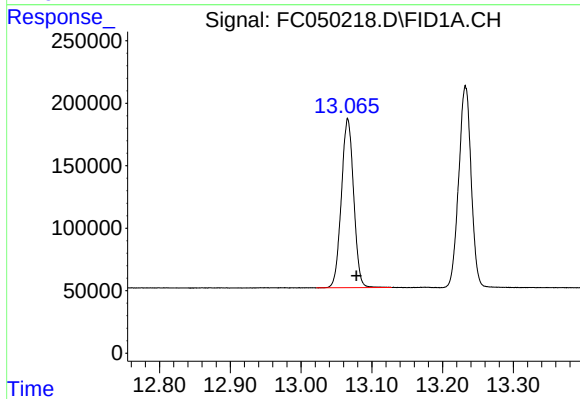
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.012 min
Response: 2002826
Conc: 19.25 ug/ml



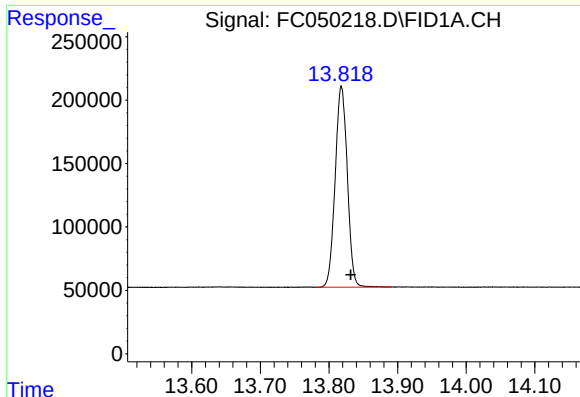
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.013 min
Response: 1974196
Conc: 19.00 ug/ml



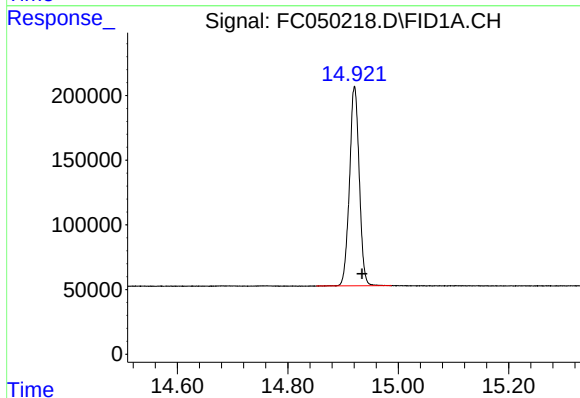
#12 1-chlorooctadecane (SURR)

R.T.: 13.066 min
Delta R.T.: -0.012 min
Response: 1629935
Conc: 18.82 ug/ml



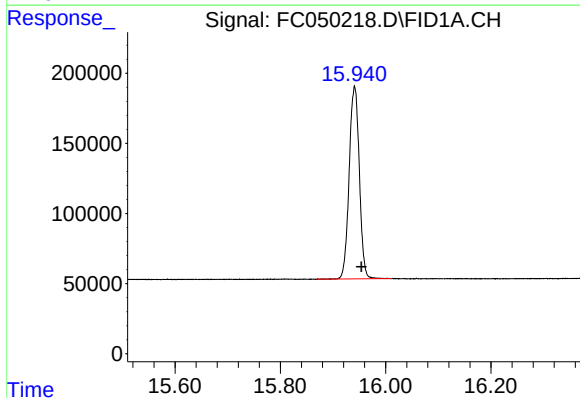
#13 n-Docosane (C22)

R.T.: 13.818 min
Delta R.T.: -0.013 min
Response: 1947482
Conc: 18.76 ug/ml



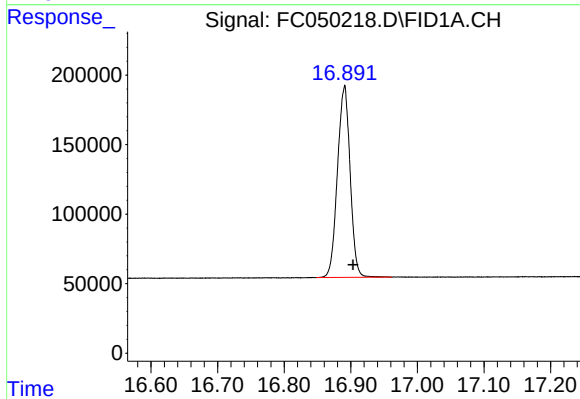
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: -0.013 min
Response: 1891271
Conc: 18.21 ug/ml



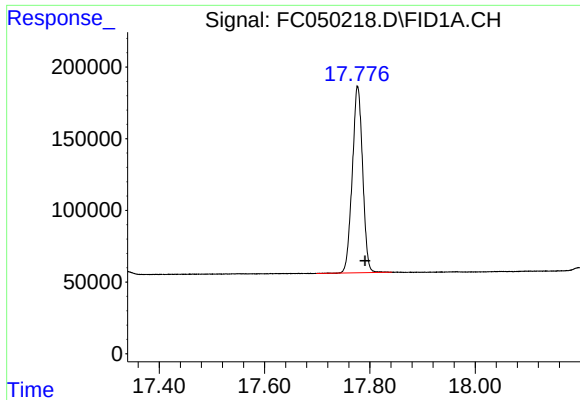
#15 n-Hexacosane (C26)

R.T.: 15.941 min
Delta R.T.: -0.013 min
Response: 1837087
Conc: 17.83 ug/ml



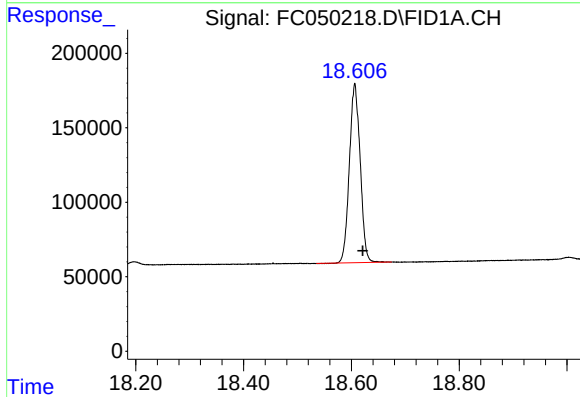
#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: -0.013 min
Response: 1819300
Conc: 17.58 ug/ml



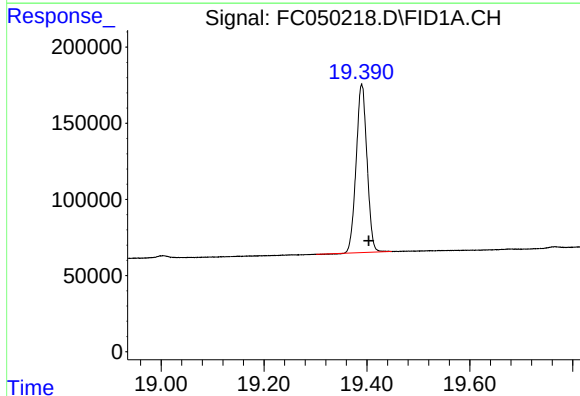
#17 n-Tricontane (C30)

R.T.: 17.777 min
Delta R.T.: -0.014 min
Response: 1774954
Conc: 17.39 ug/ml



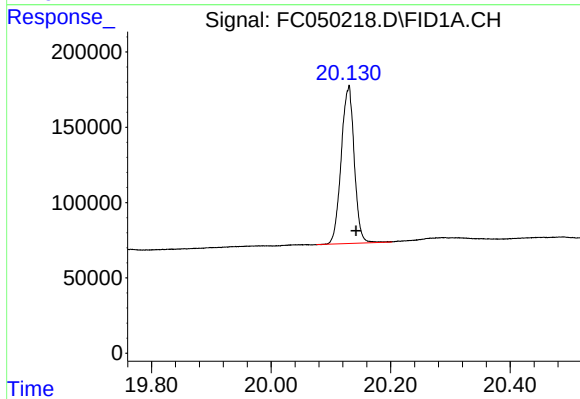
#18 n-Dotriacontane (C32)

R.T.: 18.606 min
Delta R.T.: -0.015 min
Response: 1672901
Conc: 17.41 ug/ml



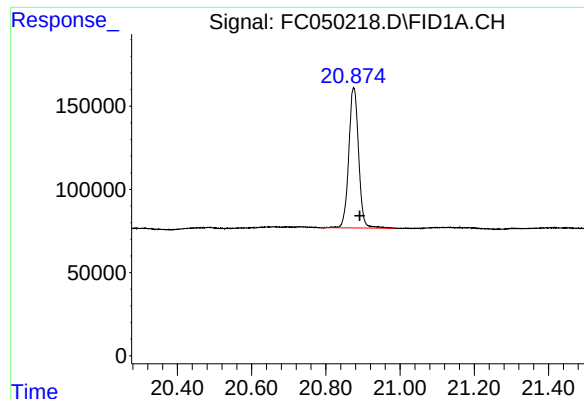
#19 n-Tetratriacontane (C34)

R.T.: 19.390 min
Delta R.T.: -0.013 min
Response: 1616098
Conc: 17.62 ug/ml



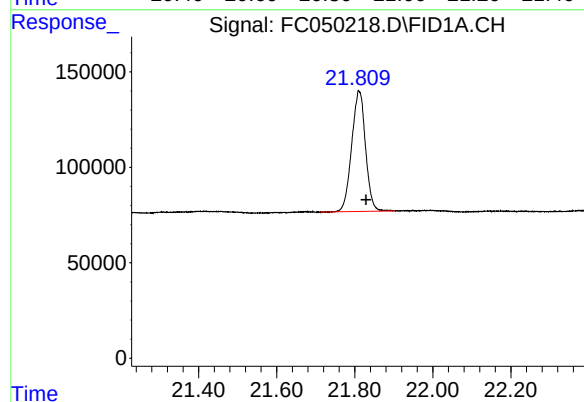
#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: -0.012 min
Response: 1579836
Conc: 17.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.875 min
Delta R.T.: -0.016 min
Response: 1549012
Conc: 18.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: -0.018 min
Response: 1550845
Conc: 18.55 ug/ml