

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122820AL\
 Data File : FC051480.D
 Signal(s) : FID1A.CH
 Acq On : 28 Dec 2020 14:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 29 00:52:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.567	2199600	18.978 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.001	1696257	18.803 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T n-Nonane (C9)	3.327	2043918	20.717 ug/ml
2) T n-Decane (C10)	4.394	2049877	20.731 ug/ml
3) T A~Naphthalene (C11.7)	5.986	2145218	20.512 ug/ml
4) T n-Dodecane (C12)	6.412	2101772	20.559 ug/ml
5) T A~2-methylnaphthalene...	7.044	2138095	20.355 ug/ml
6) T n-Tetradecane (C14)	8.207	2070521	20.411 ug/ml
7) T n-Hexadecane (C16)	9.807	2006382	19.921 ug/ml
8) T n-Octadecane (C18)	11.249	2076852	19.473 ug/ml
10) T n-Eicosane (C20)	12.556	2056479	19.096 ug/ml
11) T n-Heneicosane (C21)	13.167	2024025	18.870 ug/ml
13) T n-Docosane (C22)	13.755	1992813	18.660 ug/ml
14) T n-Tetracosane (C24)	14.855	1936042	18.292 ug/ml
15) T n-Hexacosane (C26)	15.874	1877973	18.131 ug/ml
16) T n-Octacosane (C28)	16.822	1855635	18.226 ug/ml
17) T n-Tricontane (C30)	17.709	1833929	18.622 ug/ml
18) T n-Dotriacontane (C32)	18.540	1743737	19.247 ug/ml
19) T n-Tetratriacontane (C34)	19.321	1697620	19.973 ug/ml
20) T n-Hexatriacontane (C36)	20.059	1643540	19.383 ug/ml
21) T n-Octatriacontane (C38)	20.794	1550100	20.247 ug/ml
22) T n-Tetracontane (C40)	21.702	1644100	20.790 ug/ml

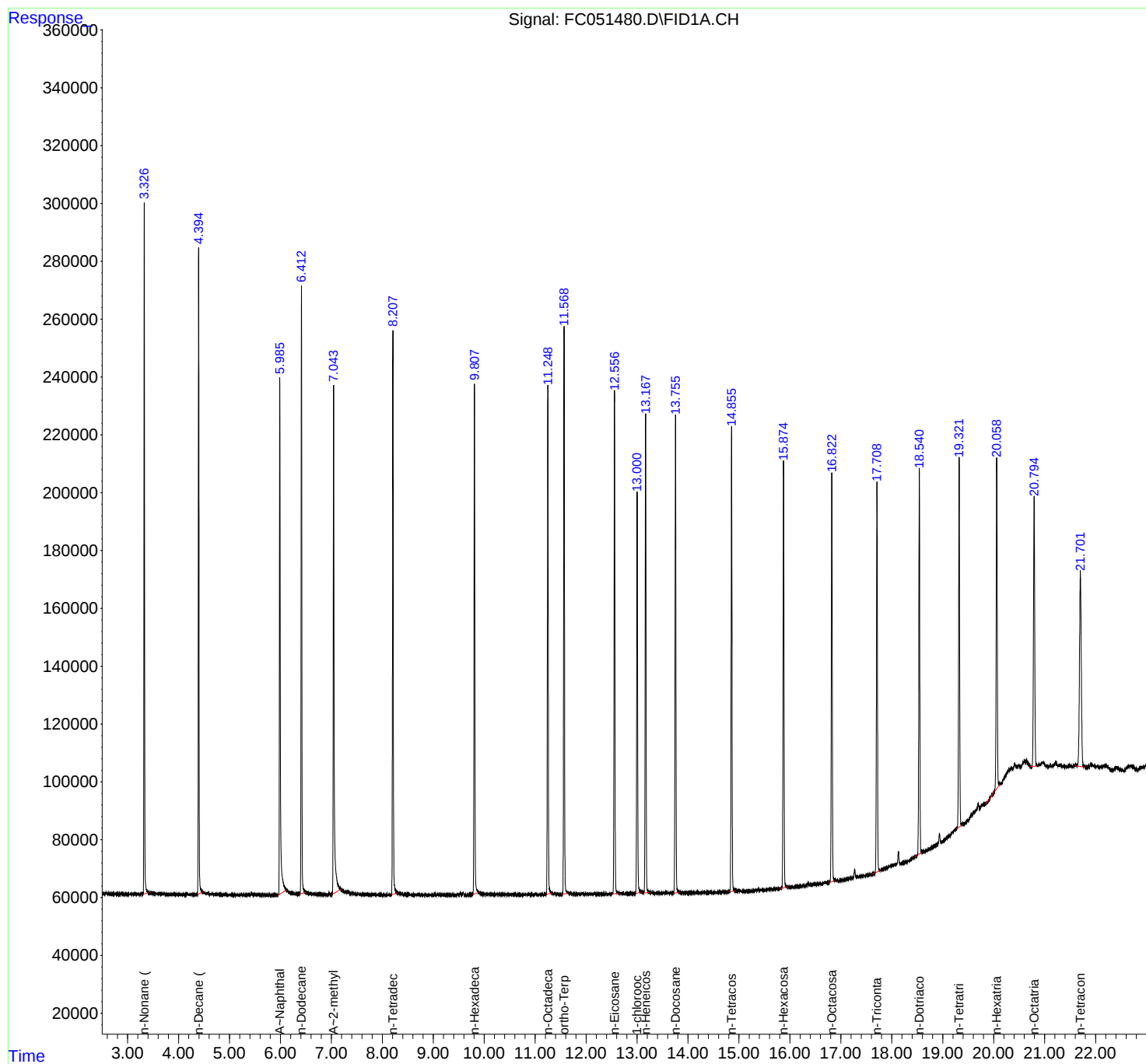
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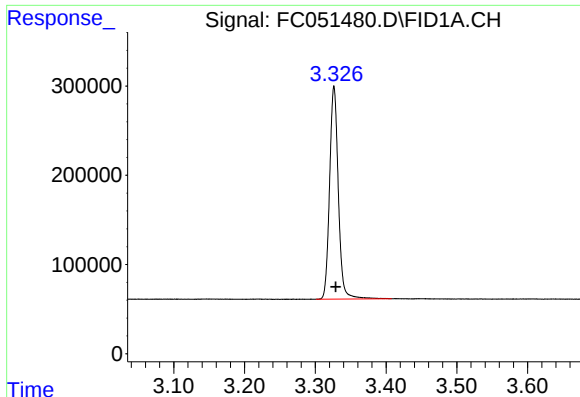
(m)=manual int.

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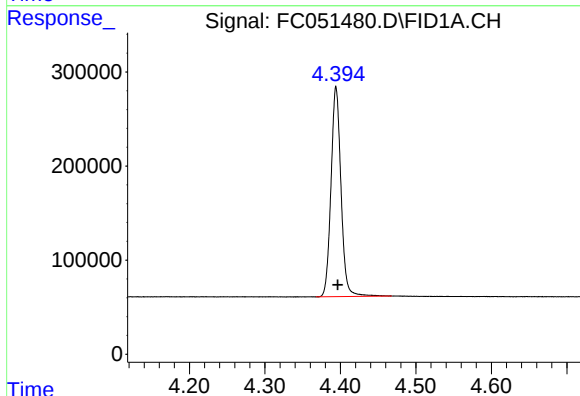
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





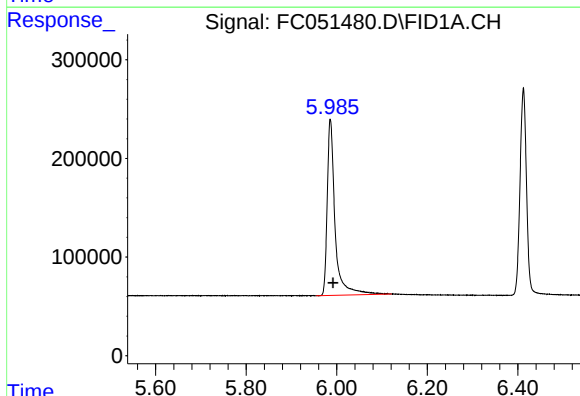
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 2043918
Conc: 20.72 ug/ml



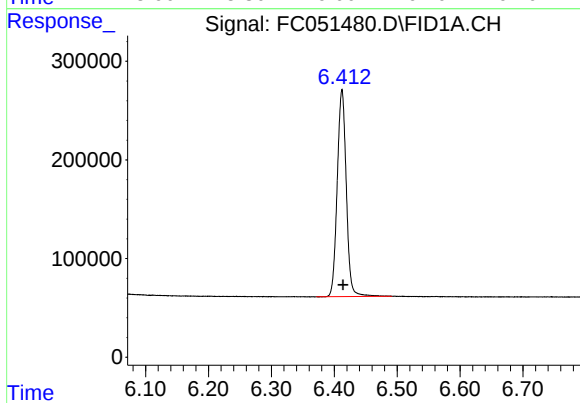
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 2049877
Conc: 20.73 ug/ml



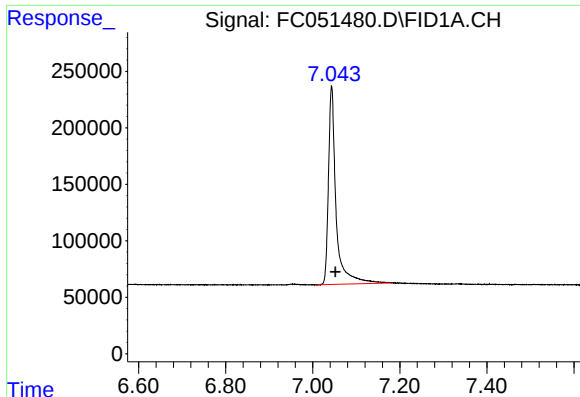
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 2145218
Conc: 20.51 ug/ml



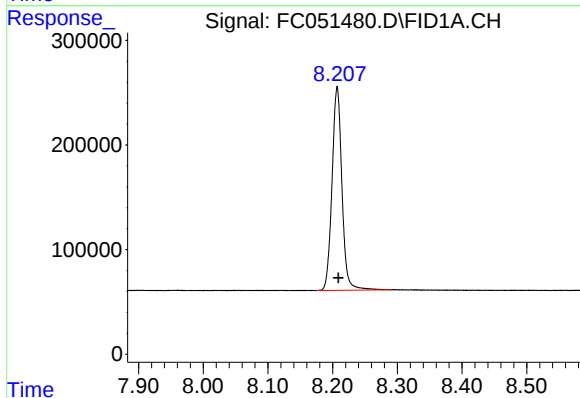
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 2101772
Conc: 20.56 ug/ml



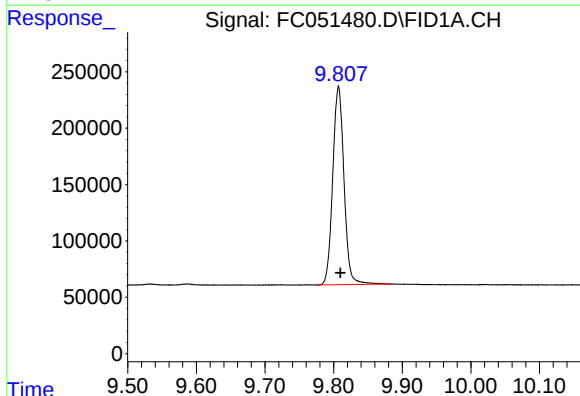
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.044 min
Delta R.T.: -0.008 min
Response: 2138095
Conc: 20.35 ug/ml



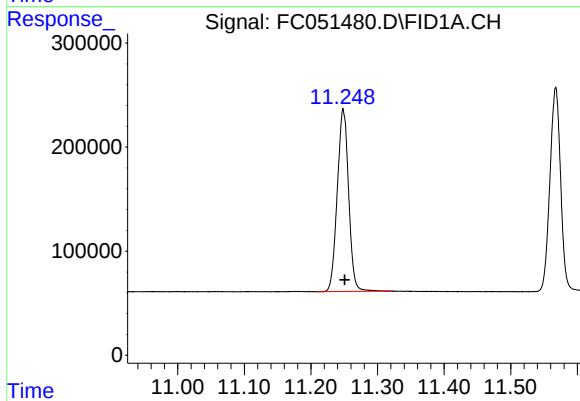
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 2070521
Conc: 20.41 ug/ml



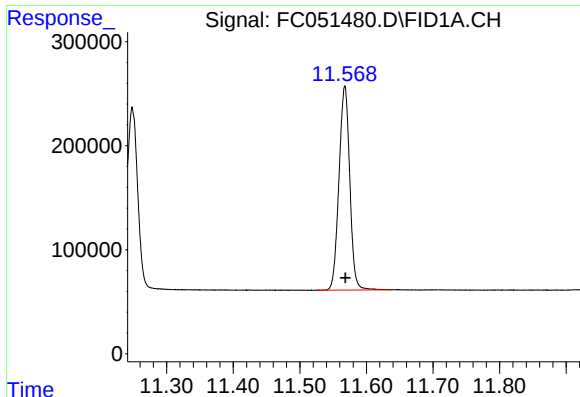
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.003 min
Response: 2006382
Conc: 19.92 ug/ml



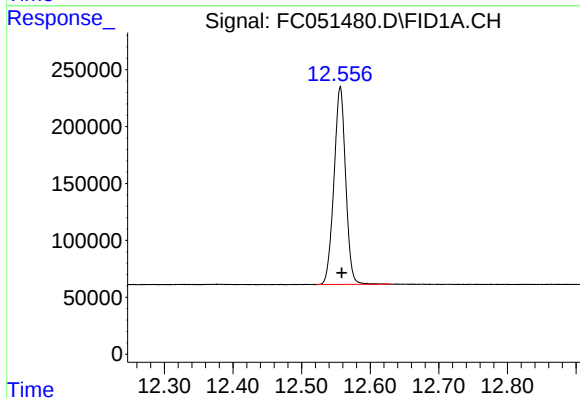
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 2076852
Conc: 19.47 ug/ml



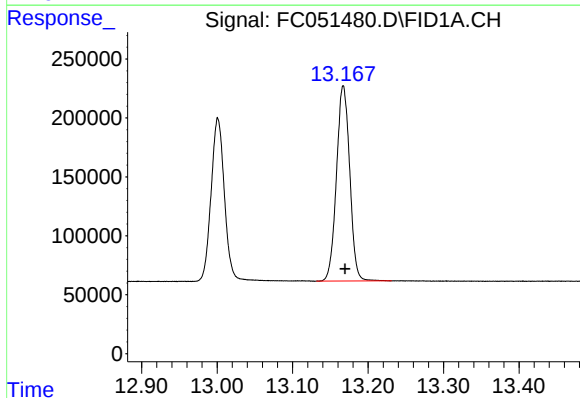
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: 0.000 min
Response: 2199600
Conc: 18.98 ug/ml



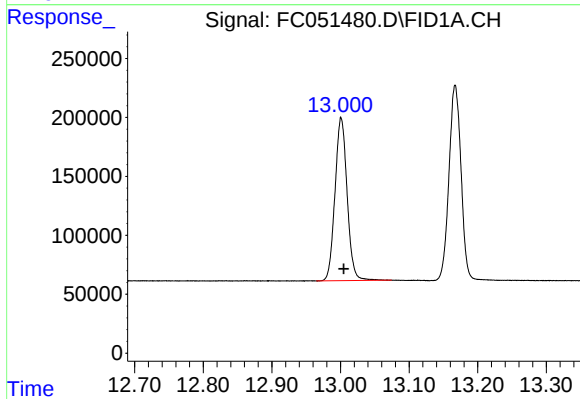
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.002 min
Response: 2056479
Conc: 19.10 ug/ml



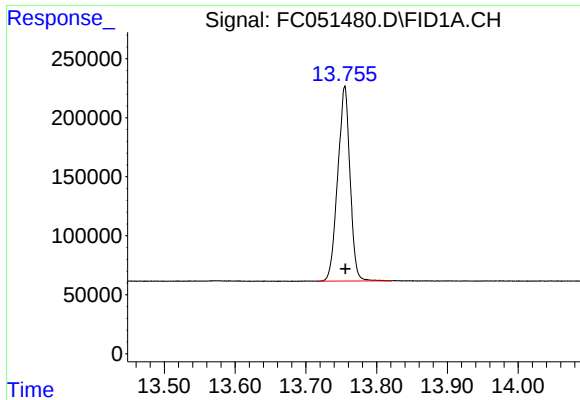
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.002 min
Response: 2024025
Conc: 18.87 ug/ml



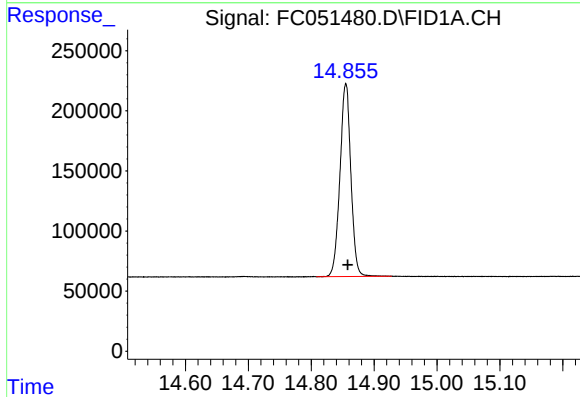
#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: -0.003 min
Response: 1696257
Conc: 18.80 ug/ml



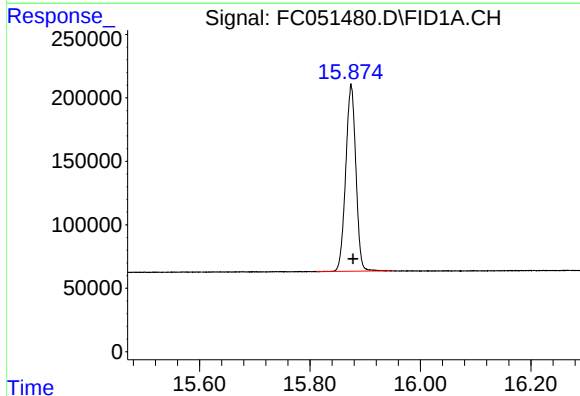
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.001 min
Response: 1992813
Conc: 18.66 ug/ml



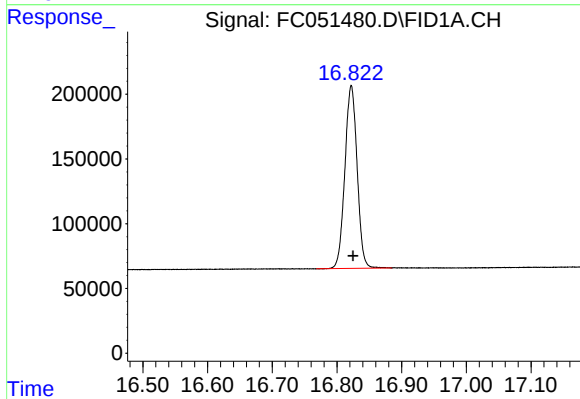
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.003 min
Response: 1936042
Conc: 18.29 ug/ml



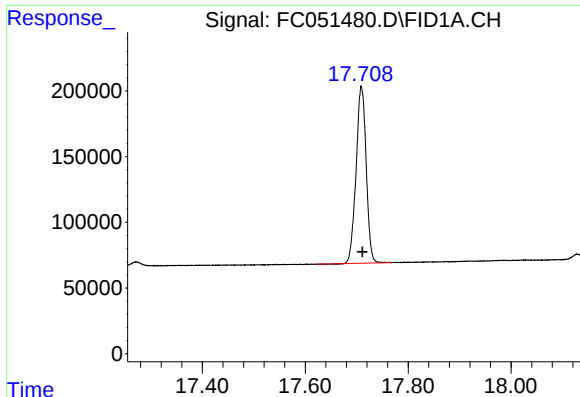
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.003 min
Response: 1877973
Conc: 18.13 ug/ml



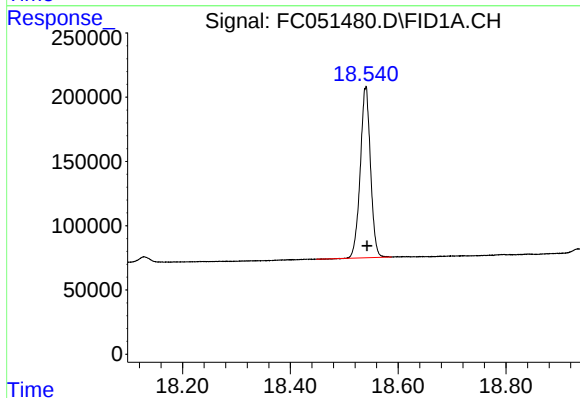
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.003 min
Response: 1855635
Conc: 18.23 ug/ml



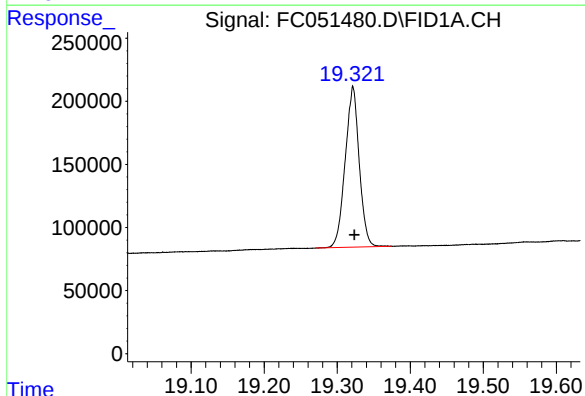
#17 n-Tricontane (C30)

R.T.: 17.709 min
Delta R.T.: -0.002 min
Response: 1833929
Conc: 18.62 ug/ml



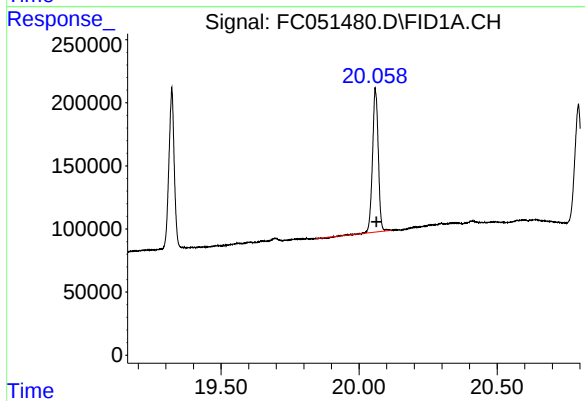
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: -0.002 min
Response: 1743737
Conc: 19.25 ug/ml



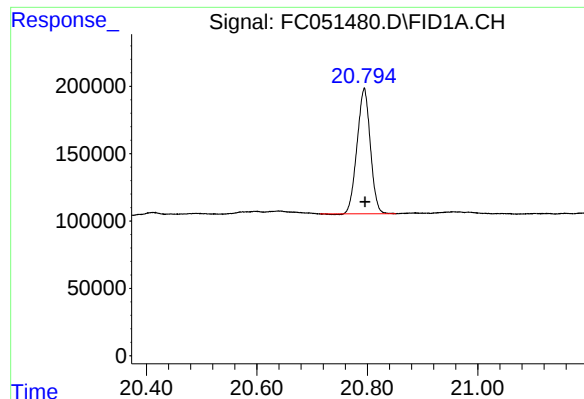
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.002 min
Response: 1697620
Conc: 19.97 ug/ml



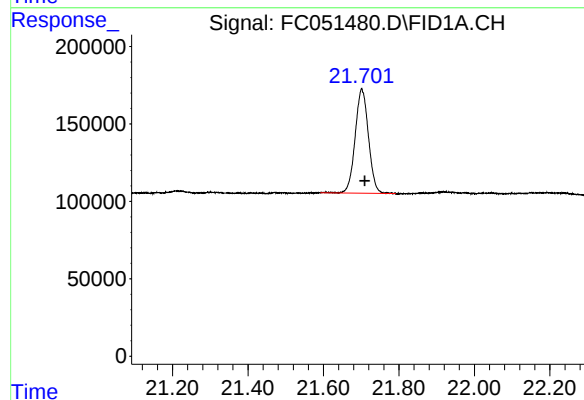
#20 n-Hexatriacontane (C36)

R.T.: 20.059 min
Delta R.T.: -0.003 min
Response: 1643540
Conc: 19.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.002 min
Response: 1550100
Conc: 20.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: -0.008 min
Response: 1644100
Conc: 20.79 ug/ml