

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101220AL\
 Data File : FC050045.D
 Signal(s) : FID1A.CH
 Acq On : 13 Oct 2020 3:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 13 04:42:36 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)	11.645	2177277	19.424 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	13.079	1680005	19.394 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.385	2038899	20.574 ug/ml
2) T n-Decane (C10)	4.458	2056399	20.655 ug/ml
3) T A~Naphthalene (C11.7)	6.053	2250322	20.417 ug/ml
4) T n-Dodecane (C12)	6.480	2078882	20.603 ug/ml
5) T A~2-methylnaphthalene...	7.112	2267470	20.372 ug/ml
6) T n-Tetradecane (C14)	8.277	2050902	20.472 ug/ml
7) T n-Hexadecane (C16)	9.880	1998154	20.274 ug/ml
8) T n-Octadecane (C18)	11.322	2062419	19.970 ug/ml
10) T n-Eicosane (C20)	12.633	2040366	19.609 ug/ml
11) T n-Heneicosane (C21)	13.244	2018071	19.420 ug/ml
13) T n-Docosane (C22)	13.831	1997306	19.241 ug/ml
14) T n-Tetracosane (C24)	14.933	1949697	18.771 ug/ml
15) T n-Hexacosane (C26)	15.954	1892201	18.362 ug/ml
16) T n-Octacosane (C28)	16.903	1850834	17.884 ug/ml
17) T n-Tricontane (C30)	17.789	1797021	17.609 ug/ml
18) T n-Dotriacontane (C32)	18.621	1684944	17.539 ug/ml
19) T n-Tetratriacontane (C34)	19.402	1647204	17.958 ug/mlm
20) T n-Hexatriacontane (C36)	20.143	1604864	18.119 ug/mlm
21) T n-Octatriacontane (C38)	20.891	1601434	19.421 ug/ml
22) T n-Tetracontane (C40)	21.830	1576161	18.849 ug/ml

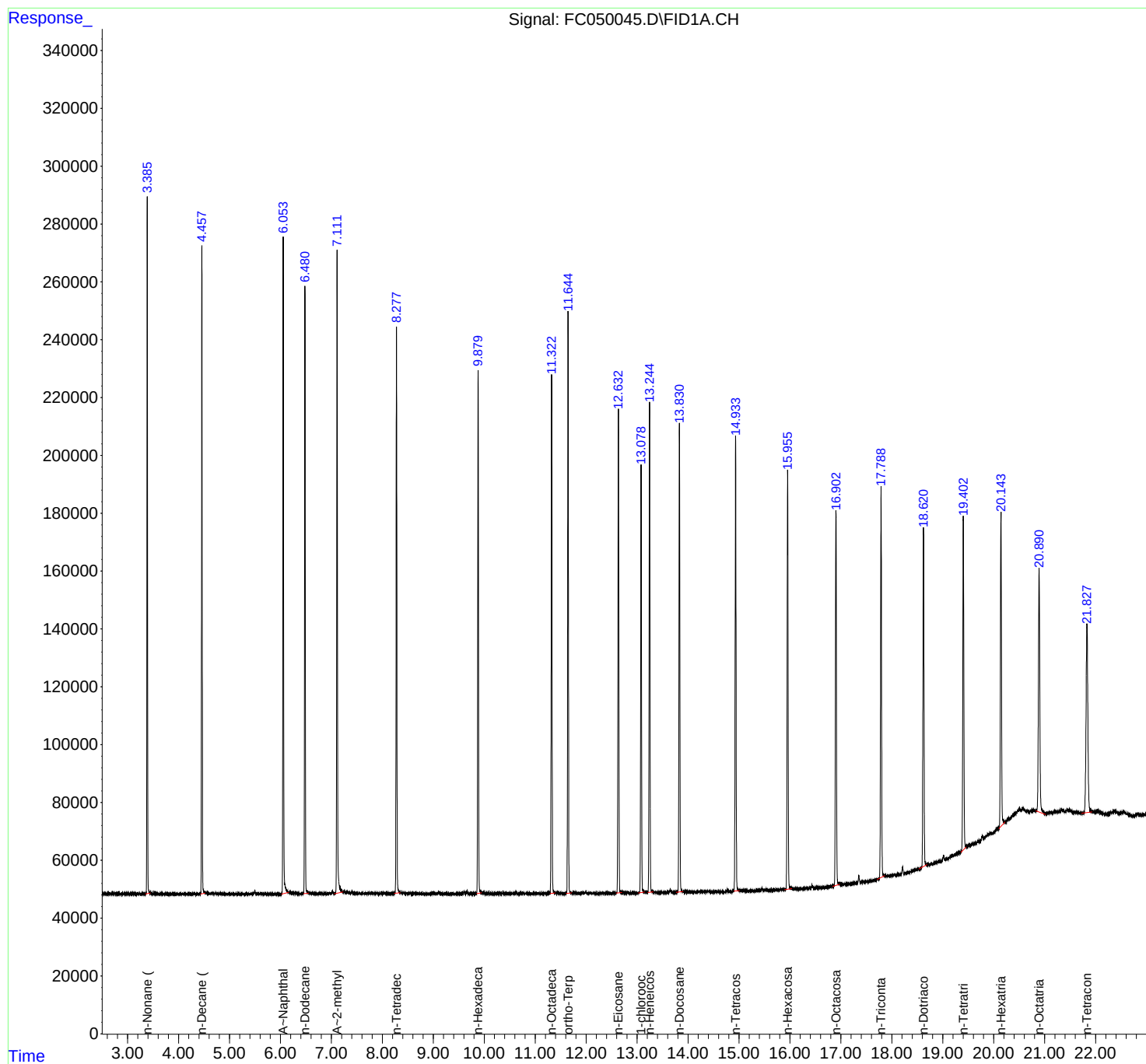
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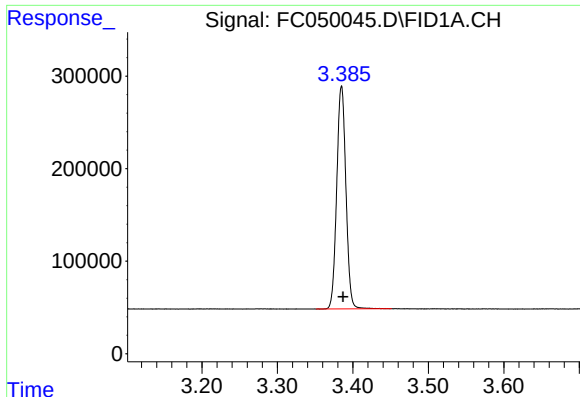
(m)=manual int.

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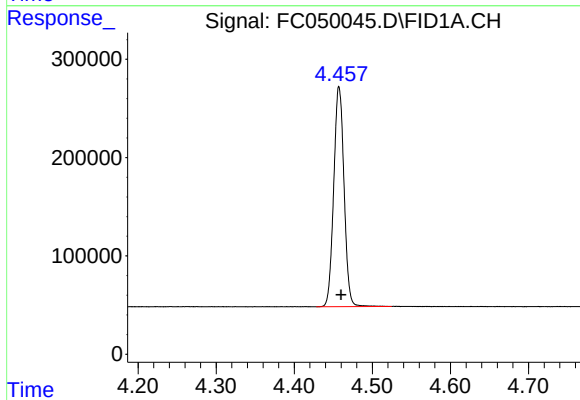
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





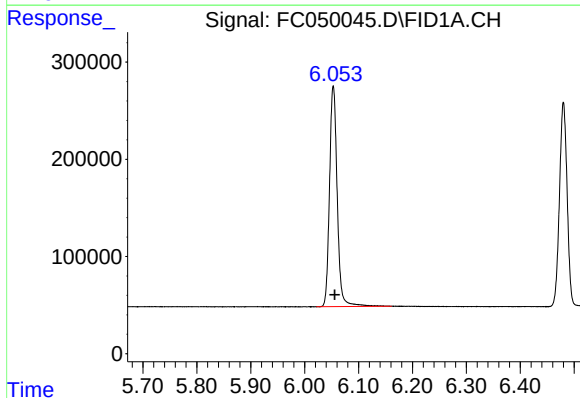
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2038899
Conc: 20.57 ug/ml



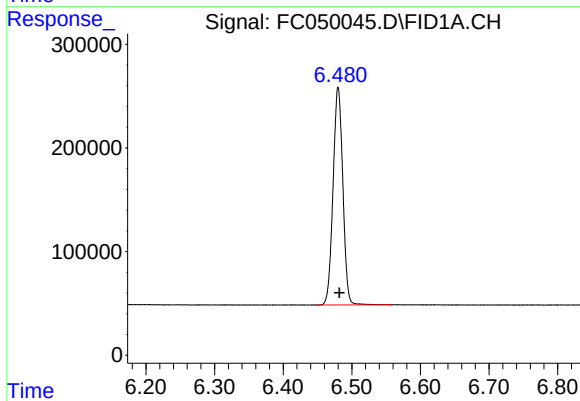
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 2056399
Conc: 20.65 ug/ml



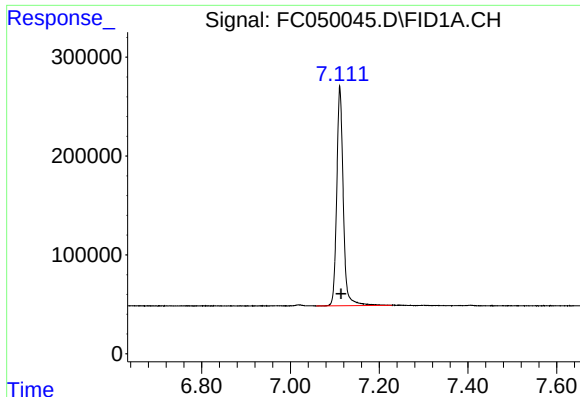
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 2250322
Conc: 20.42 ug/ml



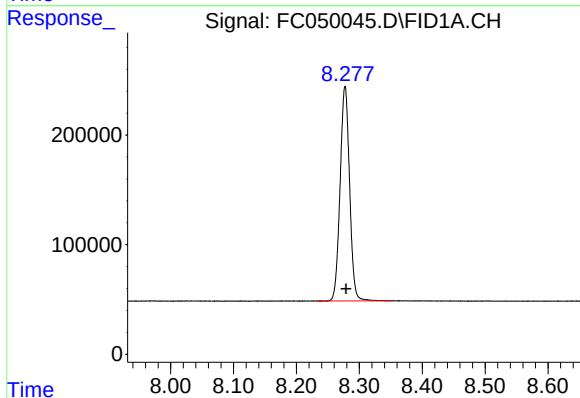
#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 2078882
Conc: 20.60 ug/ml



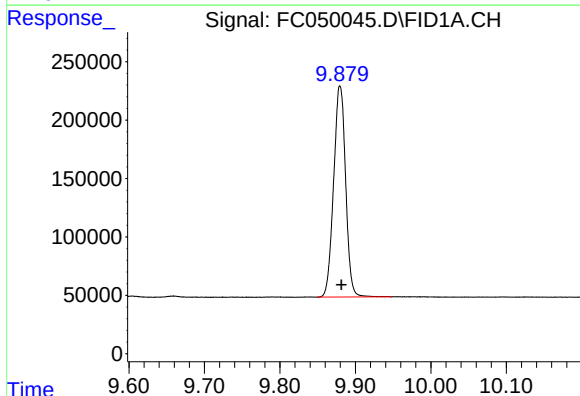
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 2267470
Conc: 20.37 ug/ml



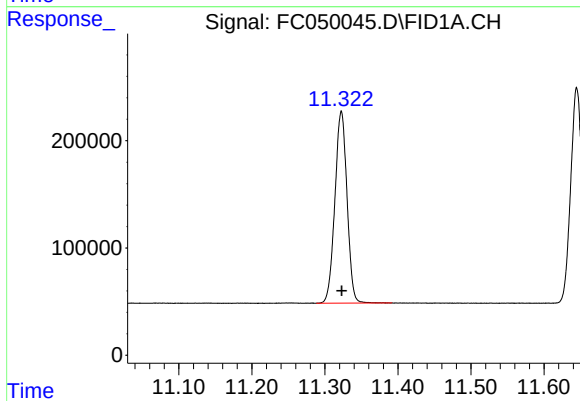
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 2050902
Conc: 20.47 ug/ml



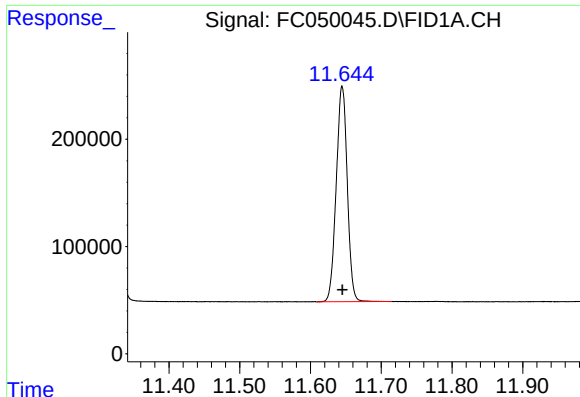
#7 n-Hexadecane (C16)

R.T.: 9.880 min
Delta R.T.: -0.002 min
Response: 1998154
Conc: 20.27 ug/ml



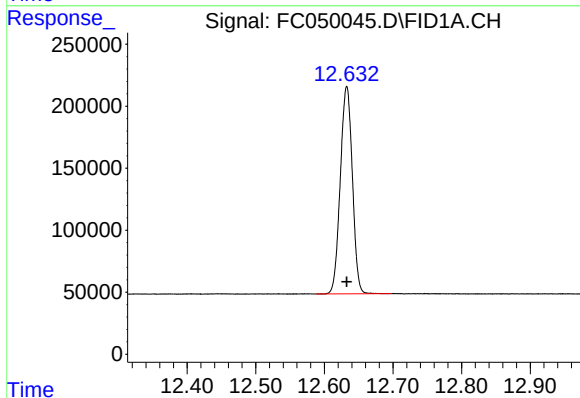
#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 2062419
Conc: 19.97 ug/ml



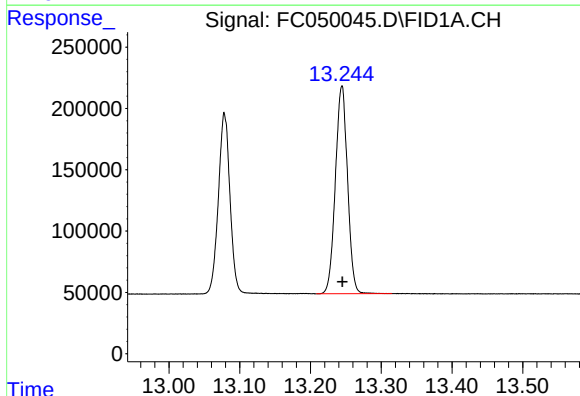
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 2177277
Conc: 19.42 ug/ml



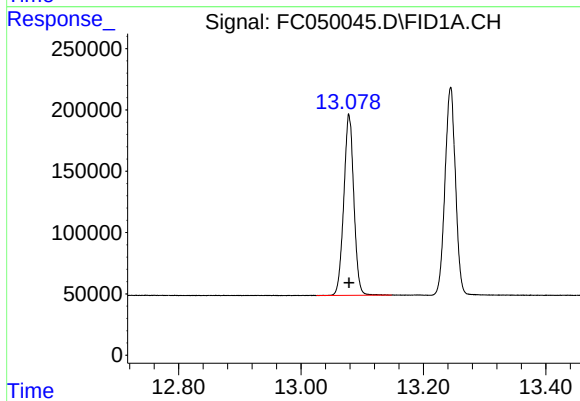
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 2040366
Conc: 19.61 ug/ml



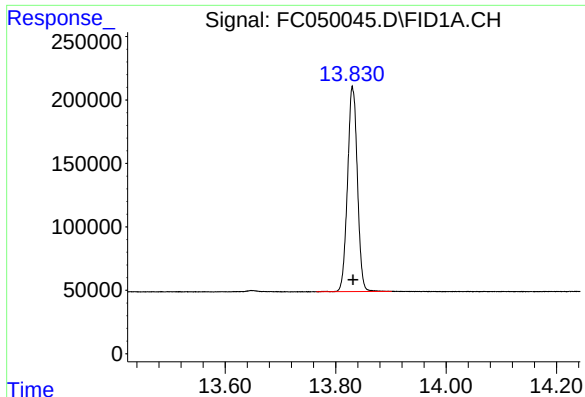
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: 0.000 min
Response: 2018071
Conc: 19.42 ug/ml



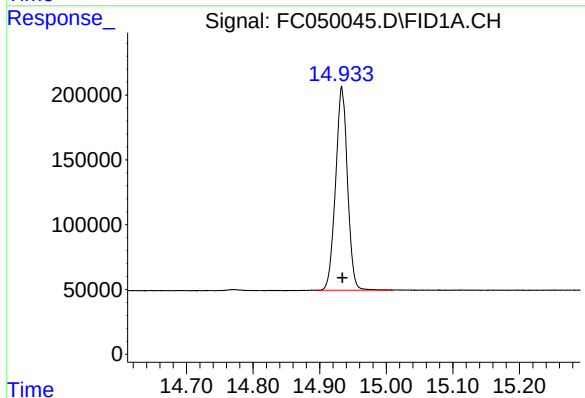
#12 1-chlorooctadecane (SURR)

R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 1680005
Conc: 19.39 ug/ml



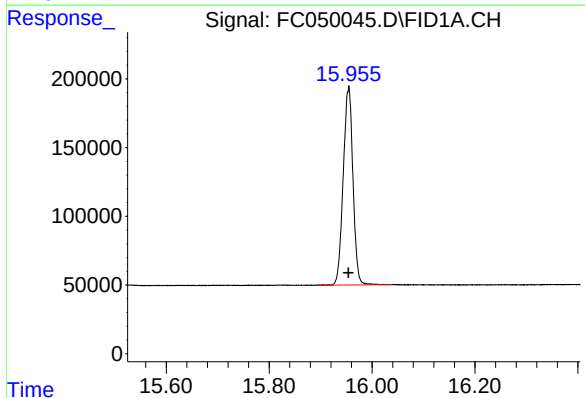
#13 n-Docosane (C22)

R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 1997306
Conc: 19.24 ug/ml



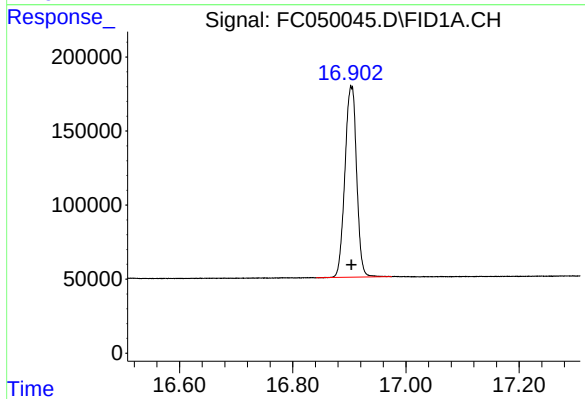
#14 n-Tetracosane (C24)

R.T.: 14.933 min
Delta R.T.: 0.000 min
Response: 1949697
Conc: 18.77 ug/ml



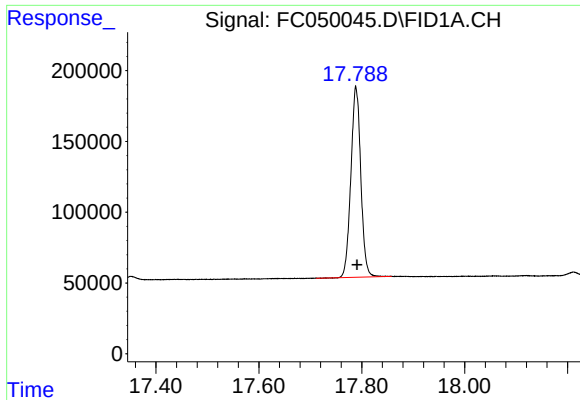
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: 0.000 min
Response: 1892201
Conc: 18.36 ug/ml



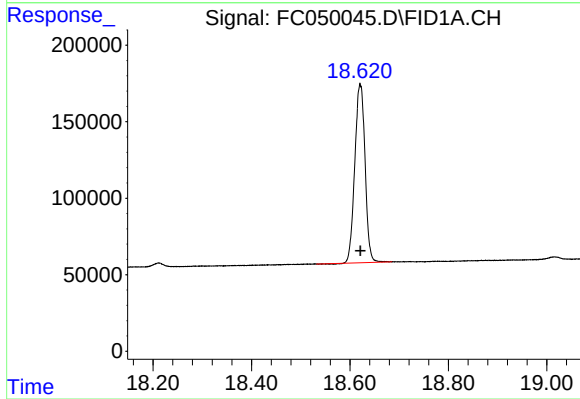
#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: 0.000 min
Response: 1850834
Conc: 17.88 ug/ml



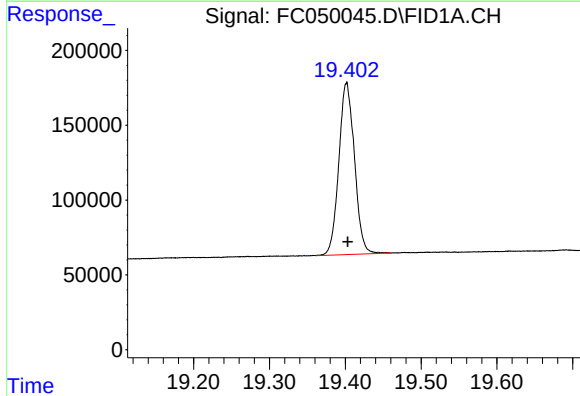
#17 n-Tricontane (C30)

R.T.: 17.789 min
Delta R.T.: -0.002 min
Response: 1797021
Conc: 17.61 ug/ml



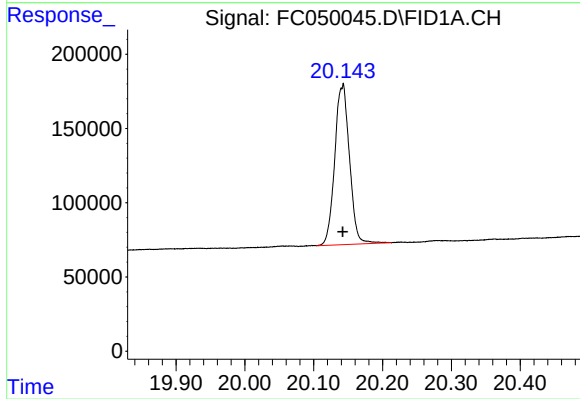
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: 0.000 min
Response: 1684944
Conc: 17.54 ug/ml



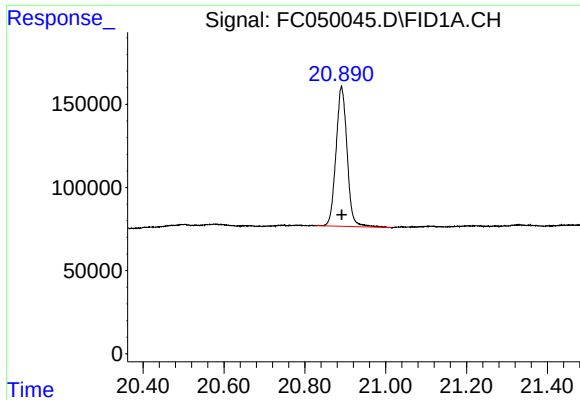
#19 n-Tetratriacontane (C34)

R.T.: 19.402 min
Delta R.T.: -0.001 min
Response: 1647204
Conc: 17.96 ug/ml m



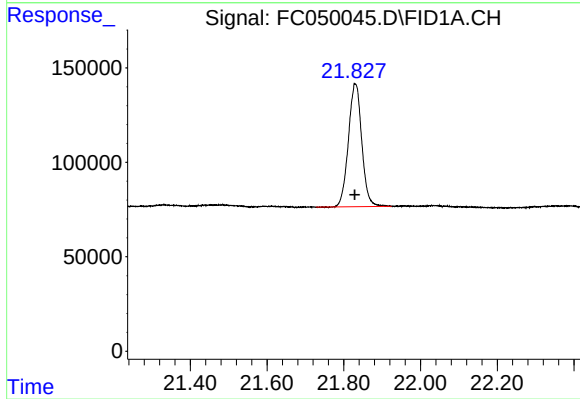
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 1604864
Conc: 18.12 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: 0.000 min
Response: 1601434
Conc: 19.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.830 min
Delta R.T.: 0.001 min
Response: 1576161
Conc: 18.85 ug/ml