

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092821AL\
 Data File : FC055888.D
 Signal(s) : FID1A.CH
 Acq On : 29 Sep 2021 1:14
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 29 02:02:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 2021
 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)	11.654	2142790	16.968 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
12) S 1-chlorooctadecane (S...	13.086	1673431	16.936 ug/ml
Spiked Amount 50.000		Recovery =	33.87%
Target Compounds			
1) T n-Nonane (C9)	3.401	2156284	19.402 ug/ml
2) T n-Decane (C10)	4.471	2184451	19.502 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2424143	19.310 ug/ml
4) T n-Dodecane (C12)	6.492	2197019	19.634 ug/ml
5) T A~2-methylnaphthalene...	7.124	2401434	18.993 ug/ml
6) T n-Tetradecane (C14)	8.287	2196931	19.408 ug/ml
7) T n-Hexadecane (C16)	9.889	2169825	18.992 ug/ml
8) T n-Octadecane (C18)	11.331	2142700	18.058 ug/ml
10) T n-Eicosane (C20)	12.641	2030252	17.200 ug/ml
11) T n-Heneicosane (C21)	13.252	2004247	16.799 ug/ml
13) T n-Docosane (C22)	13.838	1939515	16.371 ug/ml
14) T n-Tetracosane (C24)	14.941	1877606	15.868 ug/ml
15) T n-Hexacosane (C26)	15.961	1798181	15.781 ug/ml
16) T n-Octacosane (C28)	16.910	1781379	16.377 ug/ml
17) T n-Tricontane (C30)	17.796	1768083	17.478 ug/ml
18) T n-Dotriacontane (C32)	18.627	1711201	18.727 ug/ml
19) T n-Tetratriacontane (C34)	19.409	1731445	20.050 ug/ml
20) T n-Hexatriacontane (C36)	20.146	1711218	20.120 ug/ml
21) T n-Octatriacontane (C38)	20.893	1702010	22.359 ug/ml
22) T n-Tetracontane (C40)	21.827	1713204	24.458 ug/ml

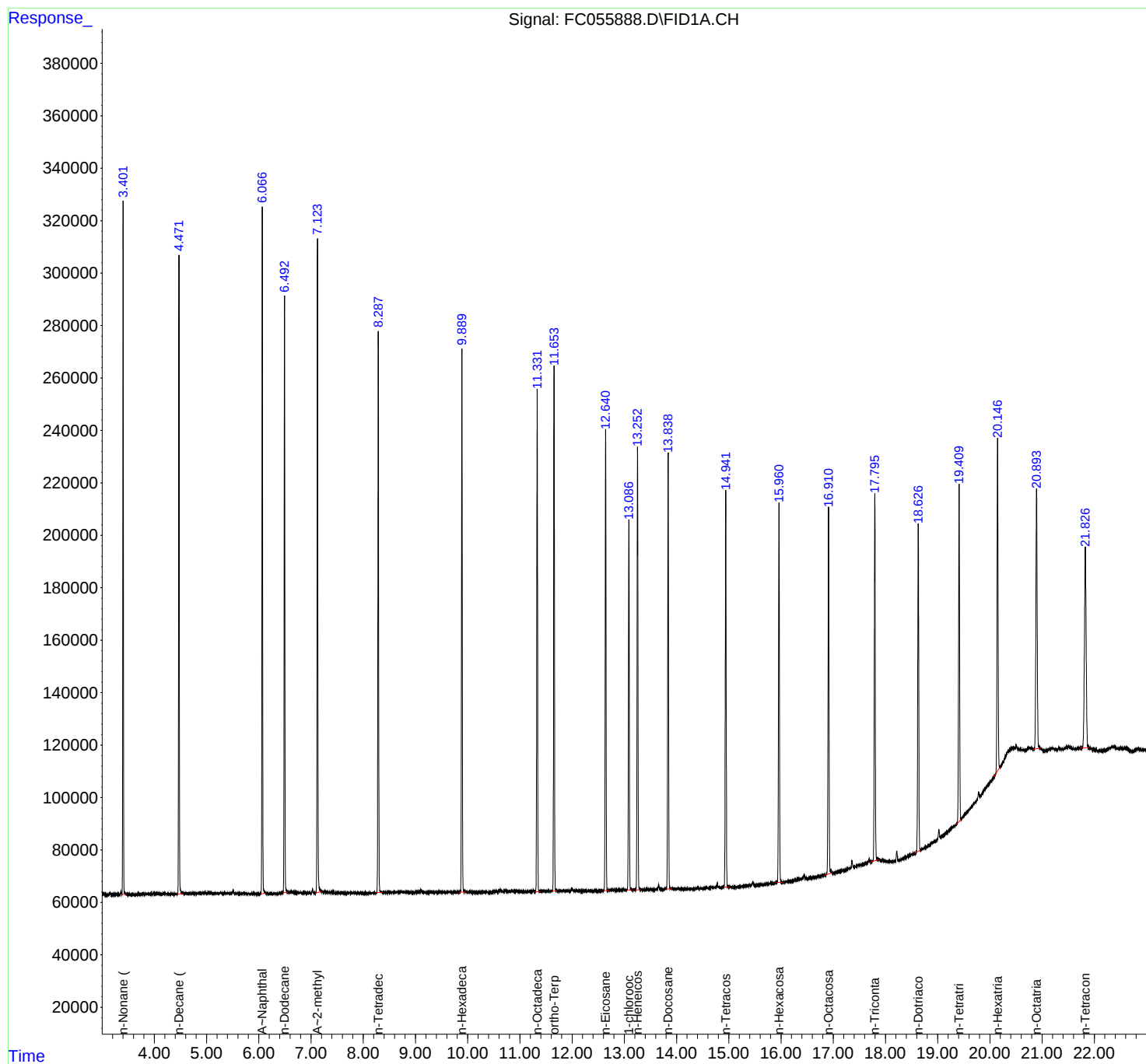
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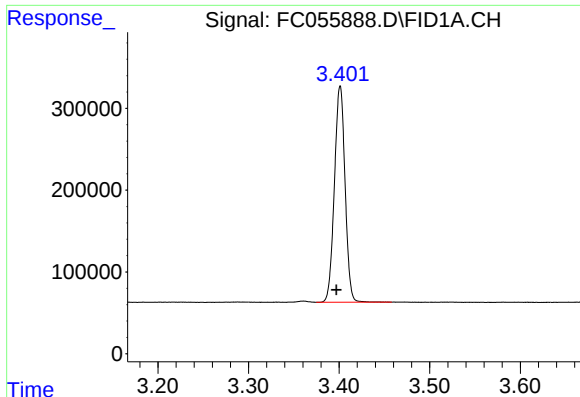
(m)=manual int.

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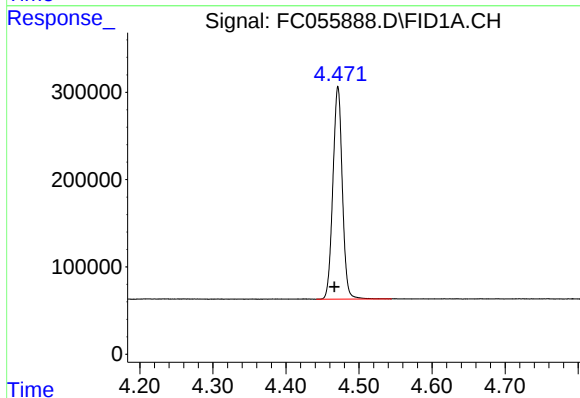
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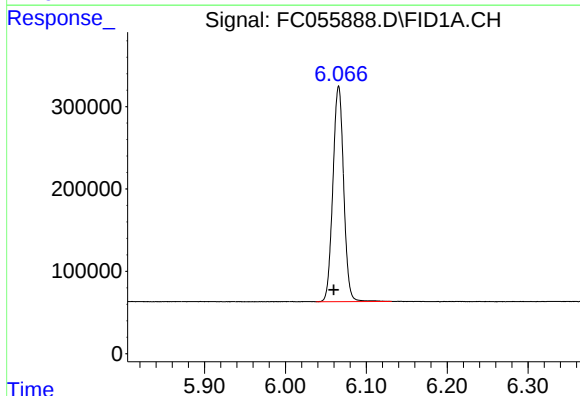
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: 0.004 min
Response: 2156284
Conc: 19.40 ug/ml



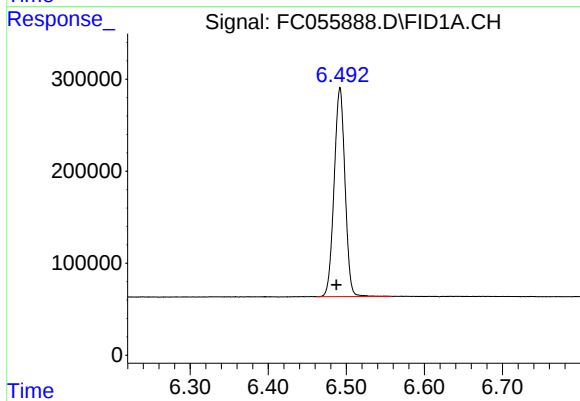
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.005 min
Response: 2184451
Conc: 19.50 ug/ml



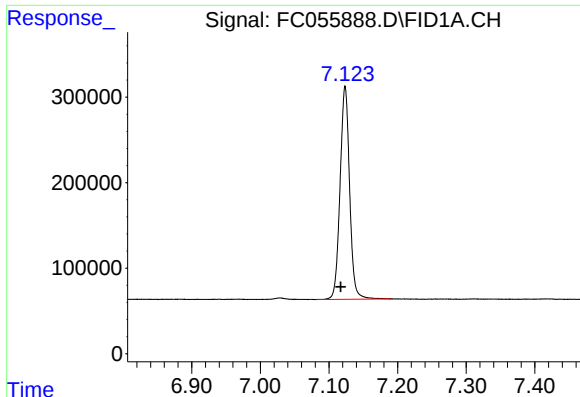
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.006 min
Response: 2424143
Conc: 19.31 ug/ml



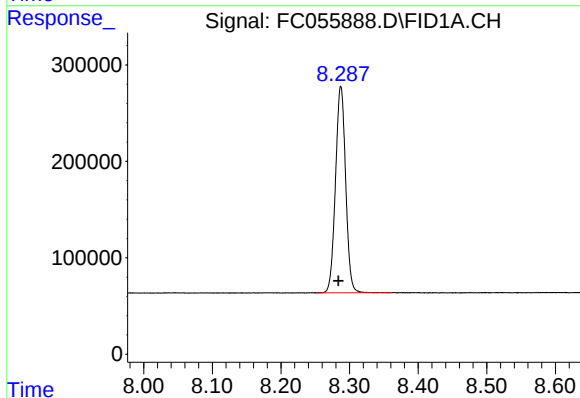
#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: 0.004 min
Response: 2197019
Conc: 19.63 ug/ml



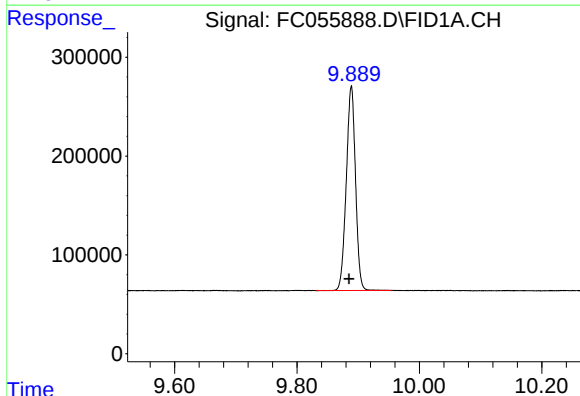
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.006 min
Response: 2401434
Conc: 18.99 ug/ml



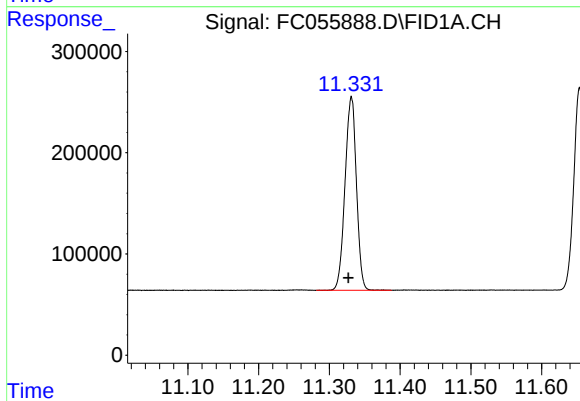
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: 0.004 min
Response: 2196931
Conc: 19.41 ug/ml



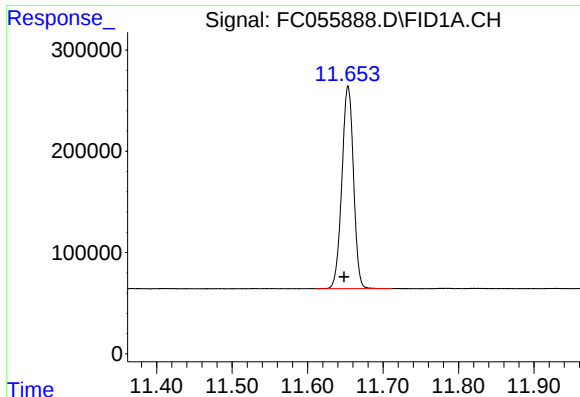
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: 0.004 min
Response: 2169825
Conc: 18.99 ug/ml



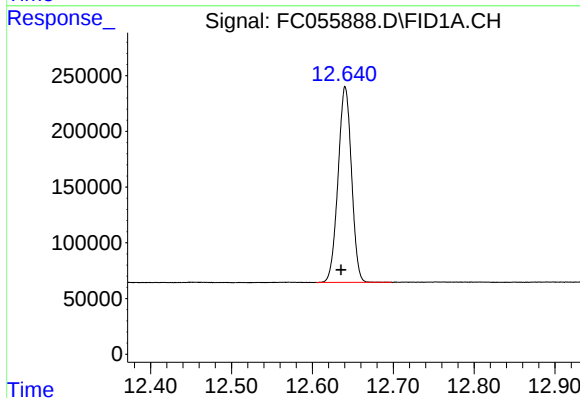
#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: 0.004 min
Response: 2142700
Conc: 18.06 ug/ml



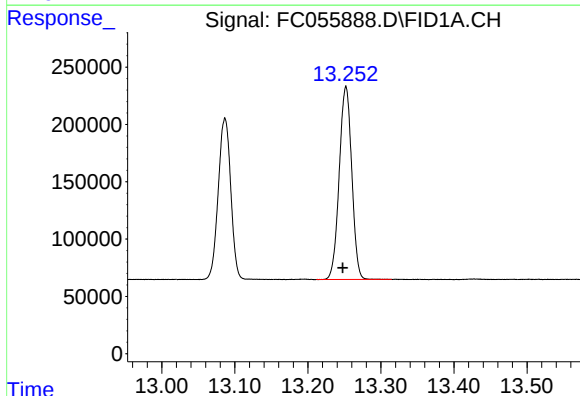
#9 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: 0.005 min
Response: 2142790
Conc: 16.97 ug/ml



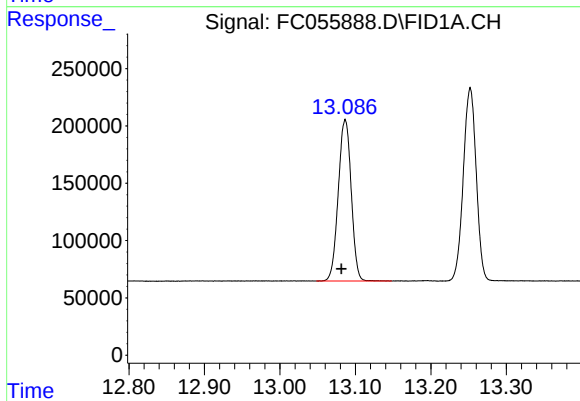
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: 0.005 min
Response: 2030252
Conc: 17.20 ug/ml



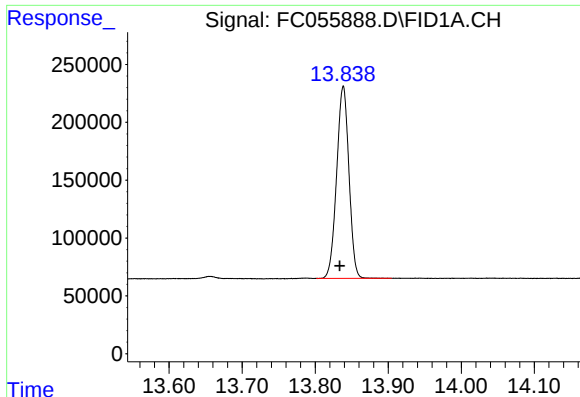
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: 0.004 min
Response: 2004247
Conc: 16.80 ug/ml



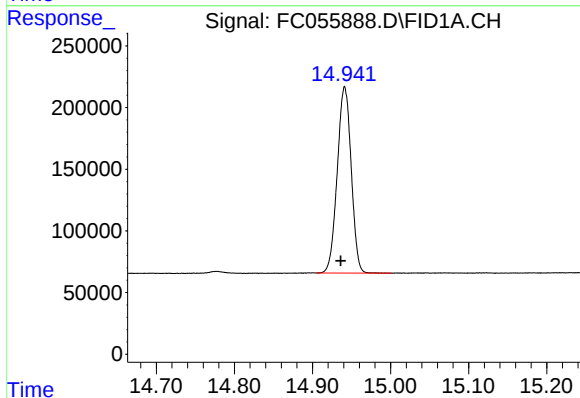
#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: 0.005 min
Response: 1673431
Conc: 16.94 ug/ml



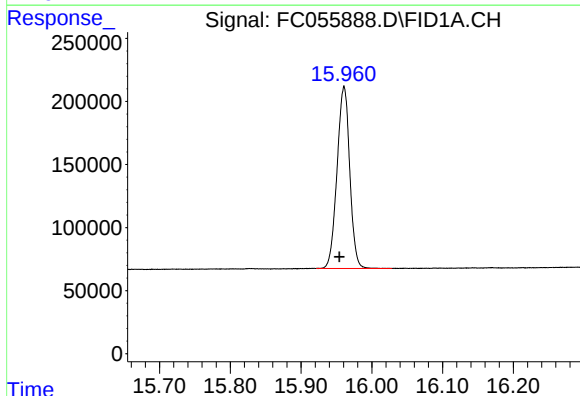
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: 0.005 min
Response: 1939515
Conc: 16.37 ug/ml



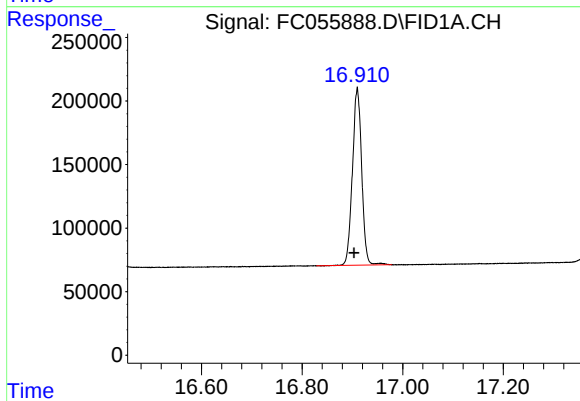
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: 0.005 min
Response: 1877606
Conc: 15.87 ug/ml



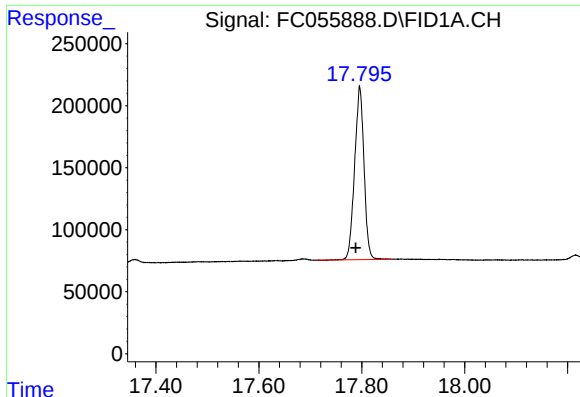
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: 0.006 min
Response: 1798181
Conc: 15.78 ug/ml



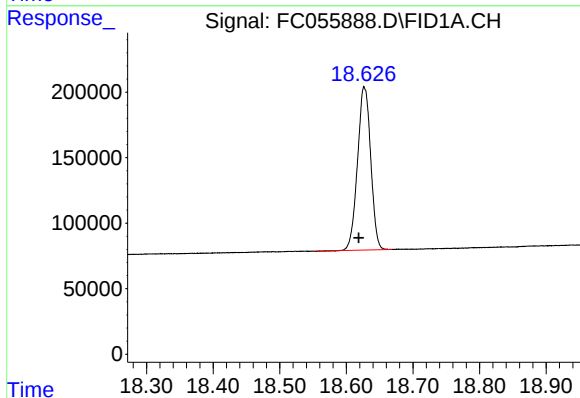
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: 0.007 min
Response: 1781379
Conc: 16.38 ug/ml



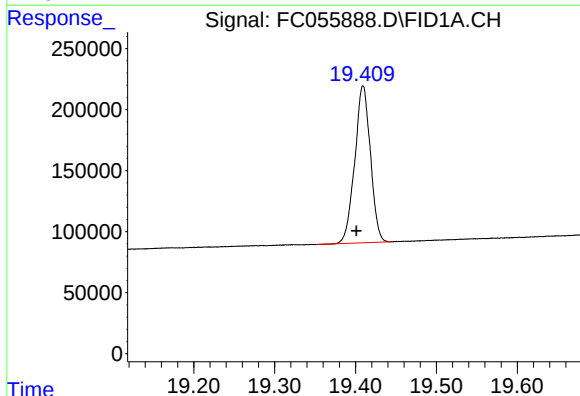
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: 0.008 min
Response: 1768083
Conc: 17.48 ug/ml



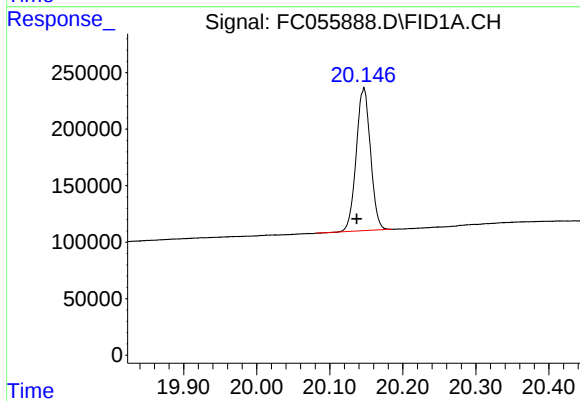
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: 0.009 min
Response: 1711201
Conc: 18.73 ug/ml



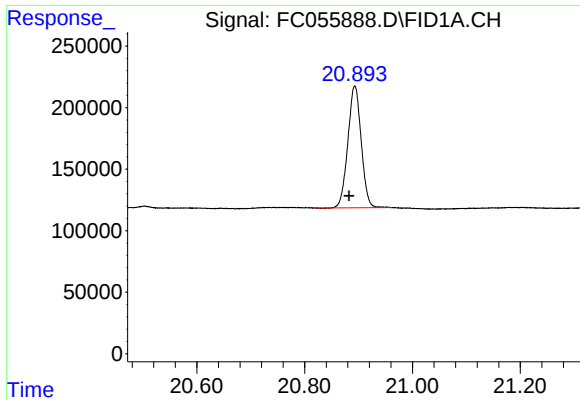
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.008 min
Response: 1731445
Conc: 20.05 ug/ml



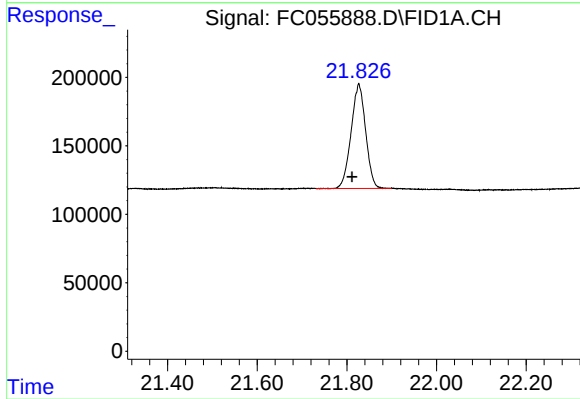
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min
Delta R.T.: 0.010 min
Response: 1711218
Conc: 20.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.893 min
Delta R.T.: 0.011 min
Response: 1702010
Conc: 22.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.827 min
Delta R.T.: 0.015 min
Response: 1713204
Conc: 24.46 ug/ml