

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090721AL\
 Data File : FC055528.D
 Signal(s) : FID1A.CH
 Acq On : 07 Sep 2021 11:10
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 07 14:04:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.655	2374509	19.007 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
12) S 1-chlorooctadecane (S...	13.090	1833277	18.524 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T n-Nonane (C9)	3.398	2248883	20.805 ug/ml
2) T n-Decane (C10)	4.469	2288008	20.983 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2551189	20.704 ug/ml
4) T n-Dodecane (C12)	6.491	2288895	20.904 ug/ml
5) T A~2-methylnaphthalene...	7.119	2567464	20.631 ug/ml
6) T n-Tetradecane (C14)	8.289	2300208	20.653 ug/ml
7) T n-Hexadecane (C16)	9.891	2289819	20.261 ug/ml
8) T n-Octadecane (C18)	11.334	2297566	19.734 ug/ml
10) T n-Eicosane (C20)	12.644	2215661	18.962 ug/ml
11) T n-Heneicosane (C21)	13.257	2191034	18.616 ug/ml
13) T n-Docosane (C22)	13.843	2132313	18.279 ug/ml
14) T n-Tetracosane (C24)	14.945	2043301	17.545 ug/ml
15) T n-Hexacosane (C26)	15.964	1897703	16.752 ug/ml
16) T n-Octacosane (C28)	16.914	1803525	16.299 ug/ml
17) T n-Tricontane (C30)	17.800	1728717	16.257 ug/ml
18) T n-Dotriacontane (C32)	18.631	1670565	16.669 ug/ml
19) T n-Tetratriacontane (C34)	19.414	1662042	17.610 ug/ml
20) T n-Hexatriacontane (C36)	20.152	1624310	18.708 ug/mlm
21) T n-Octatriacontane (C38)	20.899	1542347	18.922 ug/ml
22) T n-Tetracontane (C40)	21.834	1618697	20.154 ug/ml

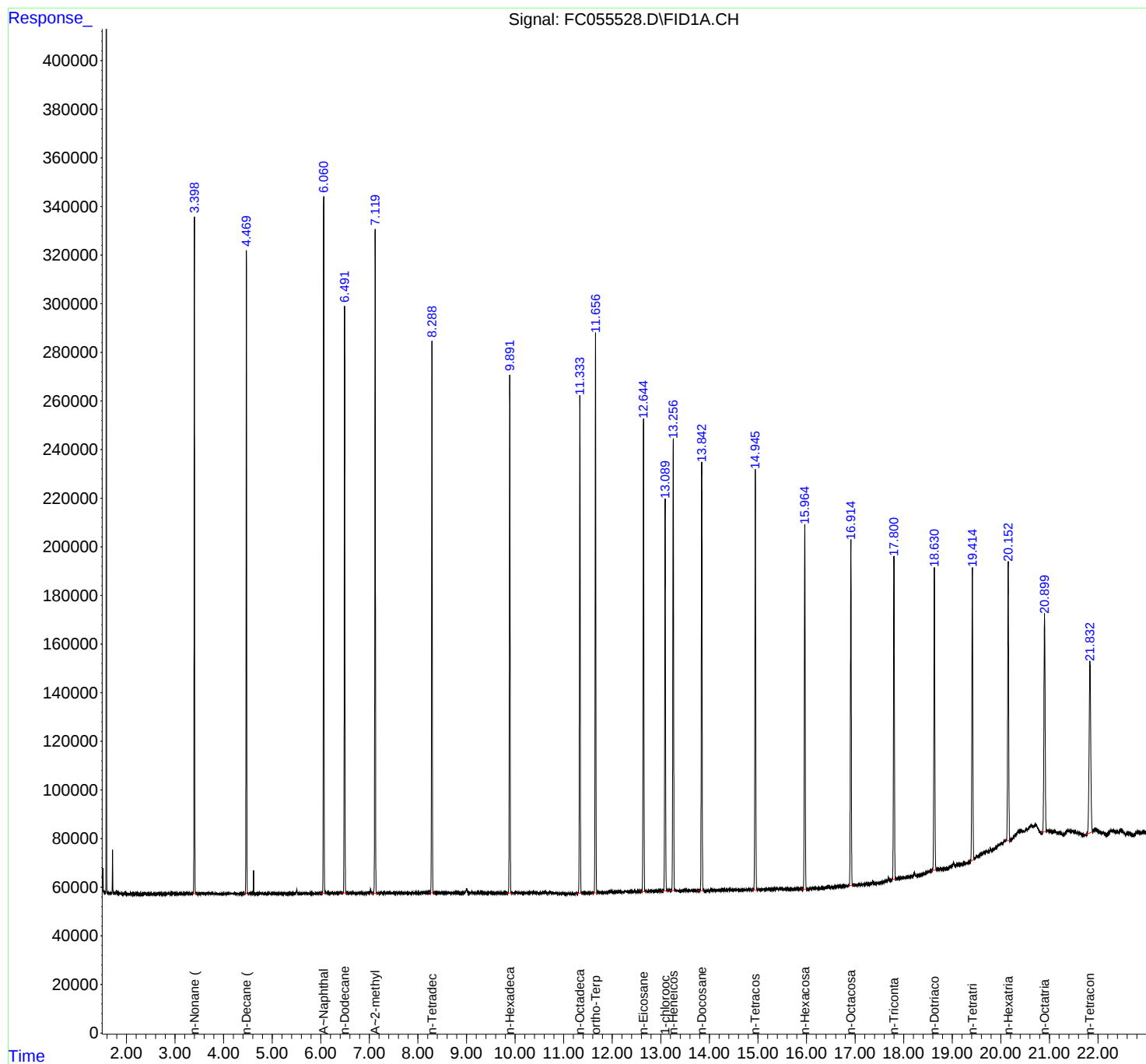
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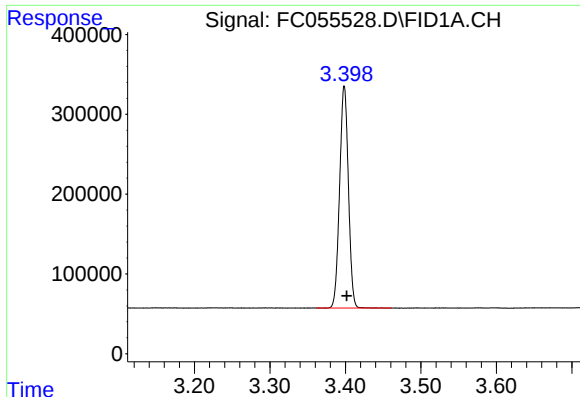
(m)=manual int.

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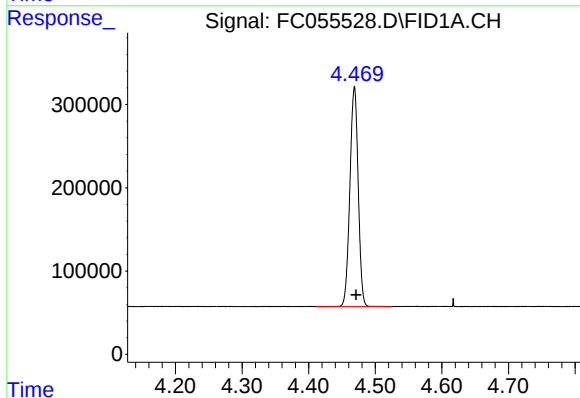
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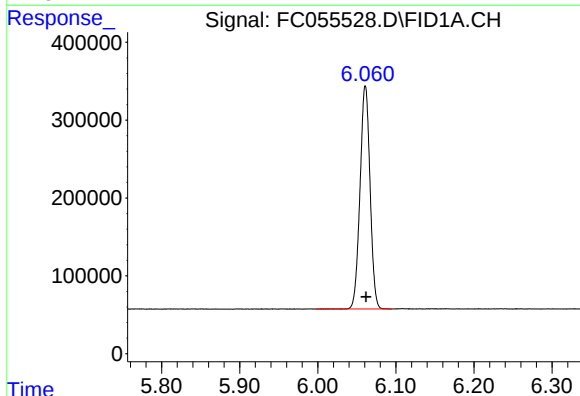
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: -0.004 min
Response: 2248883
Conc: 20.80 ug/ml



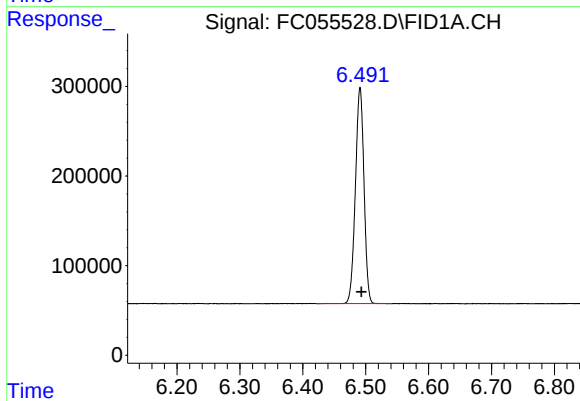
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 2288008
Conc: 20.98 ug/ml



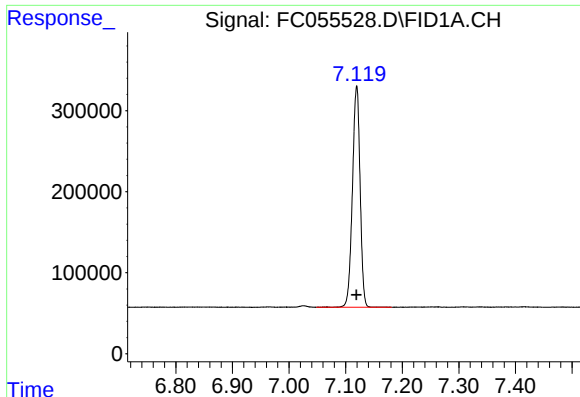
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2551189
Conc: 20.70 ug/ml



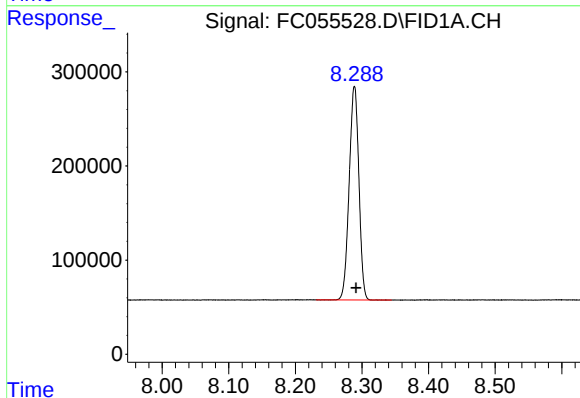
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.002 min
Response: 2288895
Conc: 20.90 ug/ml



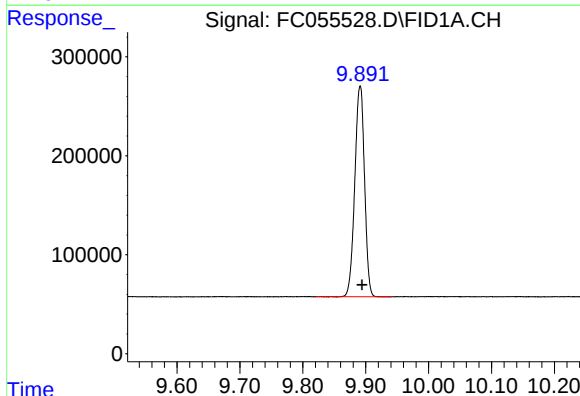
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 2567464
Conc: 20.63 ug/ml



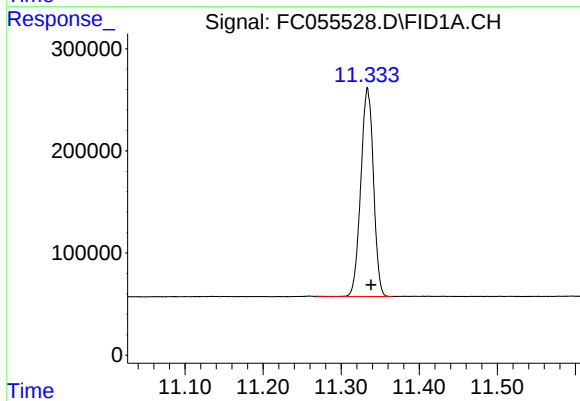
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: -0.003 min
Response: 2300208
Conc: 20.65 ug/ml



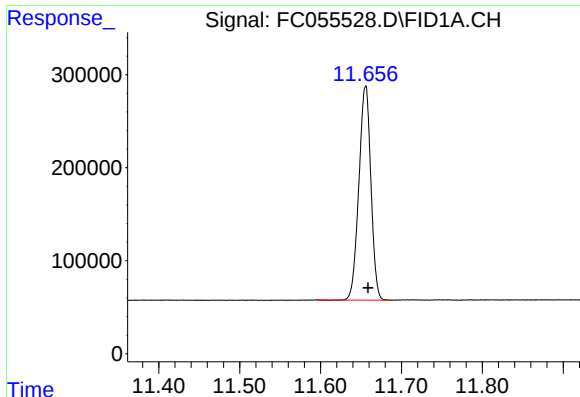
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: -0.003 min
Response: 2289819
Conc: 20.26 ug/ml



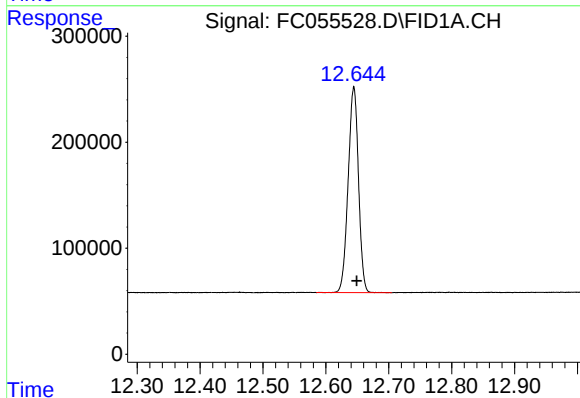
#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: -0.004 min
Response: 2297566
Conc: 19.73 ug/ml



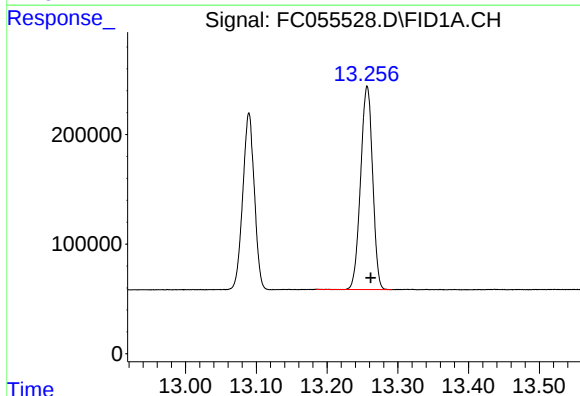
#9 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: -0.003 min
Response: 2374509
Conc: 19.01 ug/ml



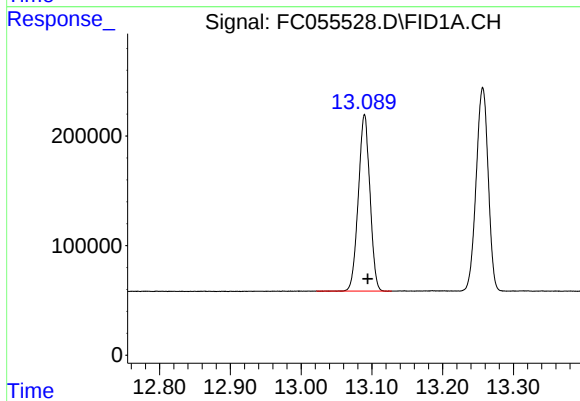
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 2215661
Conc: 18.96 ug/ml



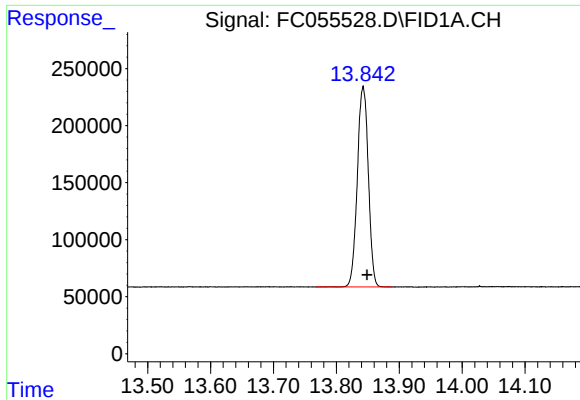
#11 n-Heneicosane (C21)

R.T.: 13.257 min
Delta R.T.: -0.005 min
Response: 2191034
Conc: 18.62 ug/ml



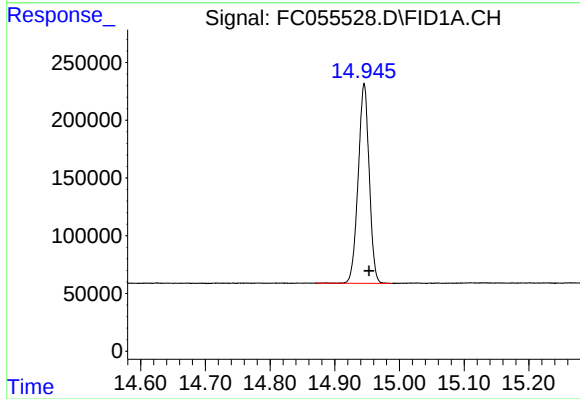
#12 1-chlorooctadecane (SURR)

R.T.: 13.090 min
Delta R.T.: -0.005 min
Response: 1833277
Conc: 18.52 ug/ml



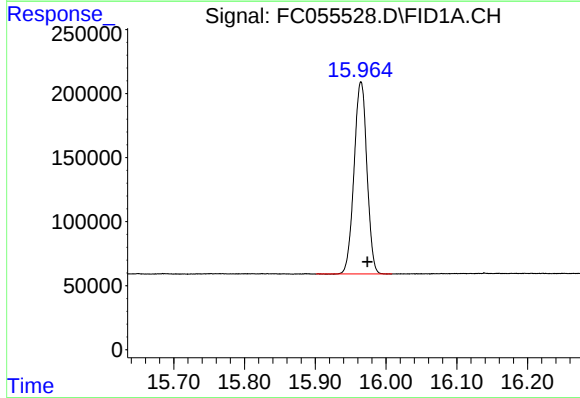
#13 n-Docosane (C22)

R.T.: 13.843 min
Delta R.T.: -0.006 min
Response: 2132313
Conc: 18.28 ug/ml



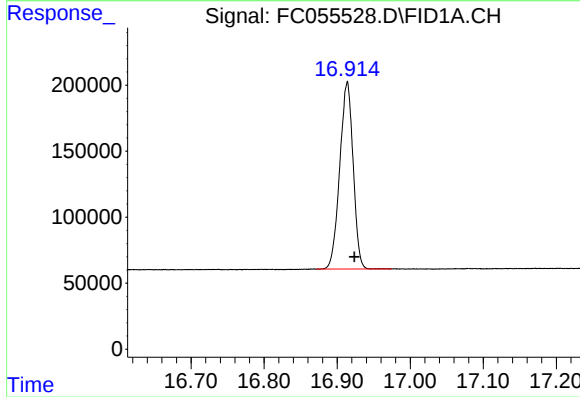
#14 n-Tetracosane (C24)

R.T.: 14.945 min
Delta R.T.: -0.008 min
Response: 2043301
Conc: 17.55 ug/ml



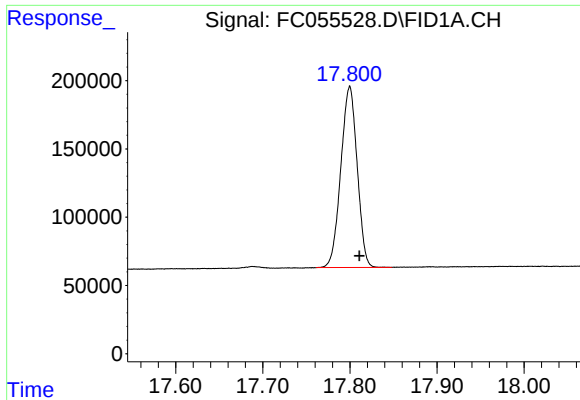
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: -0.009 min
Response: 1897703
Conc: 16.75 ug/ml



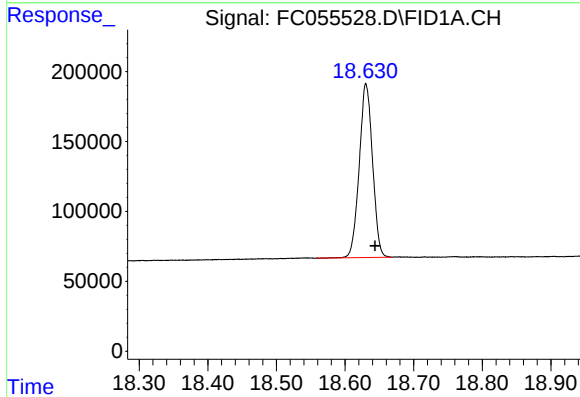
#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: -0.010 min
Response: 1803525
Conc: 16.30 ug/ml



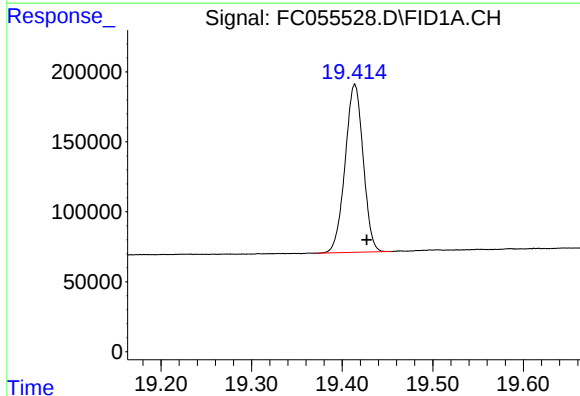
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: -0.011 min
Response: 1728717
Conc: 16.26 ug/ml



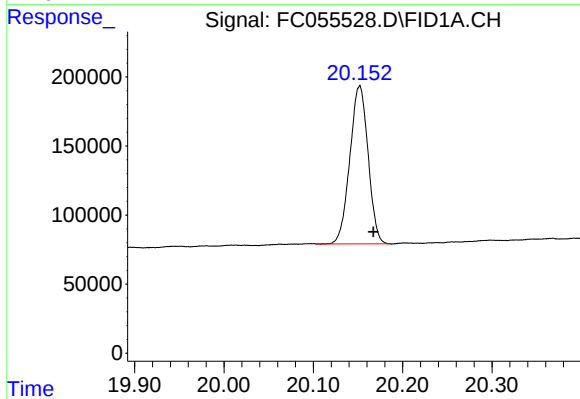
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.013 min
Response: 1670565
Conc: 16.67 ug/ml



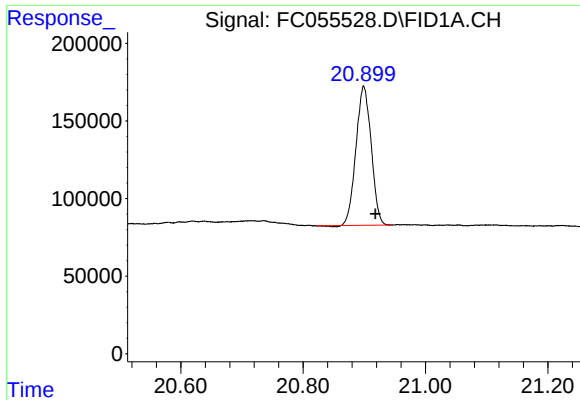
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.013 min
Response: 1662042
Conc: 17.61 ug/ml



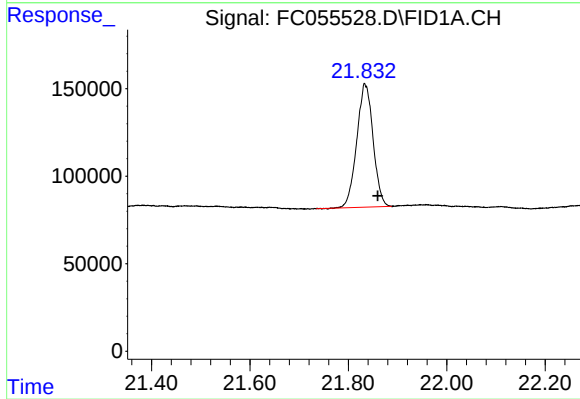
#20 n-Hexatriacontane (C36)

R.T.: 20.152 min
Delta R.T.: -0.015 min
Response: 1624310
Conc: 18.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.899 min
Delta R.T.: -0.019 min
Response: 1542347
Conc: 18.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.834 min
Delta R.T.: -0.025 min
Response: 1618697
Conc: 20.15 ug/ml