

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092121AL\
 Data File : FC055751.D
 Signal(s) : FID1A.CH
 Acq On : 22 Sep 2021 2:43
 Operator : AJ\MA
 Sample : M3824-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 22 07:44:30 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)	11.647	4338194	34.354 ug/ml
Spiked Amount 50.000		Recovery =	68.71%
12) S 1-chlorooctadecane (S...	13.078	3421662	34.629 ug/ml
Spiked Amount 50.000		Recovery =	69.26%
Target Compounds			
1) T n-Nonane (C9)	3.403	4383467	39.443 ug/mlm
2) T n-Decane (C10)	4.469	5172508	46.179 ug/ml
3) T A~Naphthalene (C11.7)	6.058	5985943	47.683 ug/ml
4) T n-Dodecane (C12)	6.487	5912689	52.839 ug/ml
5) T A~2-methylnaphthalene...	7.116	6102160	48.263 ug/ml
6) T n-Tetradecane (C14)	8.285	6390532	56.456 ug/ml
7) T n-Hexadecane (C16)	9.885	6618956	57.933 ug/ml
8) T n-Octadecane (C18)	11.328	6840499	57.650 ug/ml
10) T n-Eicosane (C20)	12.637	6587277	55.806 ug/ml
11) T n-Heneicosane (C21)	13.248	6514206	54.600 ug/ml
13) T n-Docosane (C22)	13.833	6402604	54.042 ug/ml
14) T n-Tetracosane (C24)	14.930	11583350	97.892 ug/ml
15) T n-Hexacosane (C26)	15.955	5866405	51.485 ug/ml
16) T n-Octacosane (C28)	16.901	5563282	51.145 ug/ml
17) T n-Tricontane (C30)	17.788	5226566	51.667 ug/ml
18) T n-Dotriacontane (C32)	18.616	4892471	53.543 ug/ml
19) T n-Tetratriacontane (C34)	19.398	4438989	51.403 ug/ml
20) T n-Hexatriacontane (C36)	20.135	3954539	46.496 ug/mlm
21) T n-Octatriacontane (C38)	20.877	3681166	48.359 ug/mlm
22) T n-Tetracontane (C40)	21.800	3785297	54.040 ug/mlm

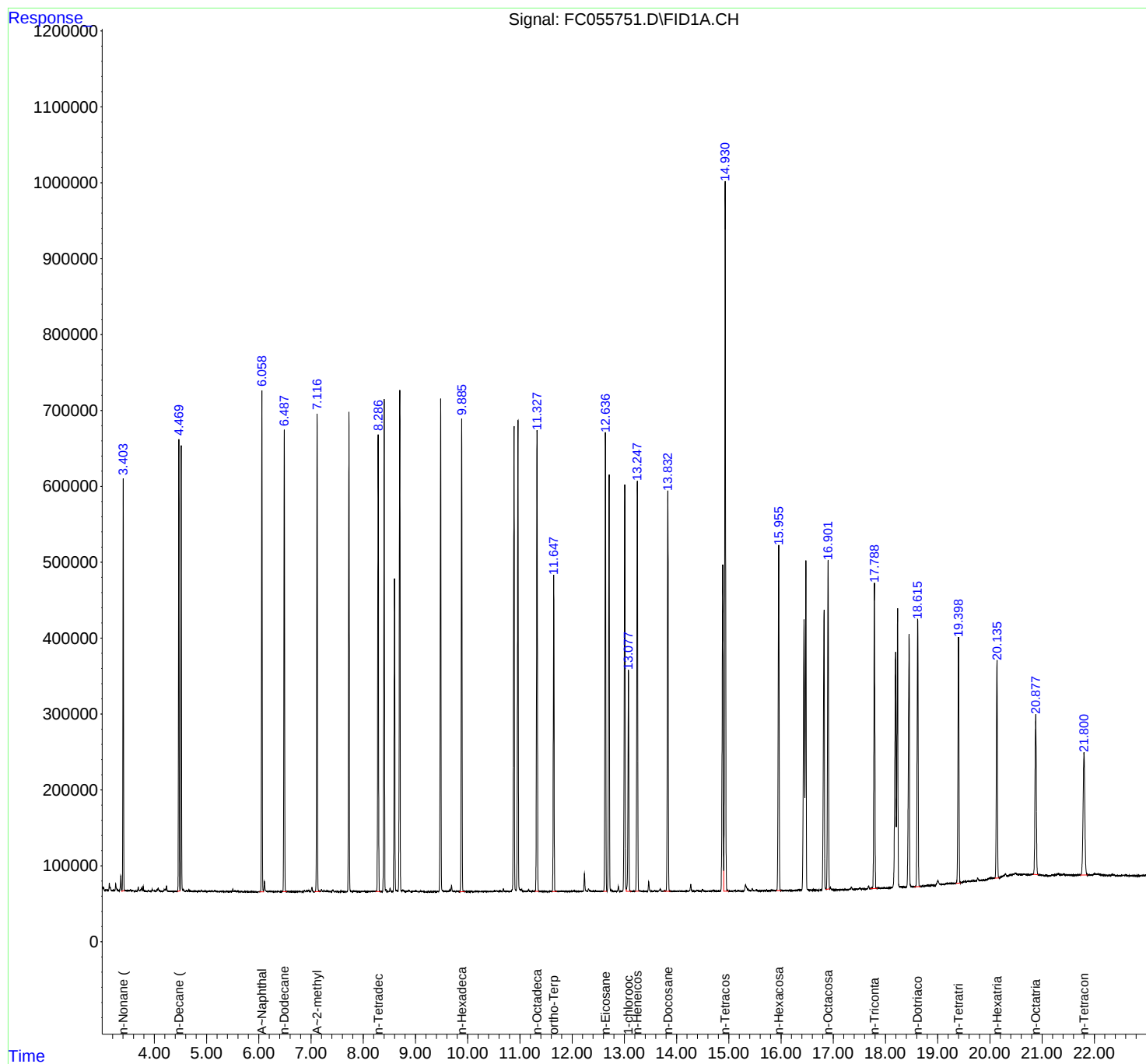
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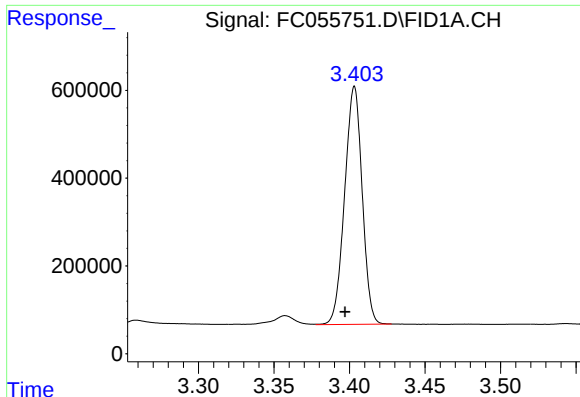
(m)=manual int.

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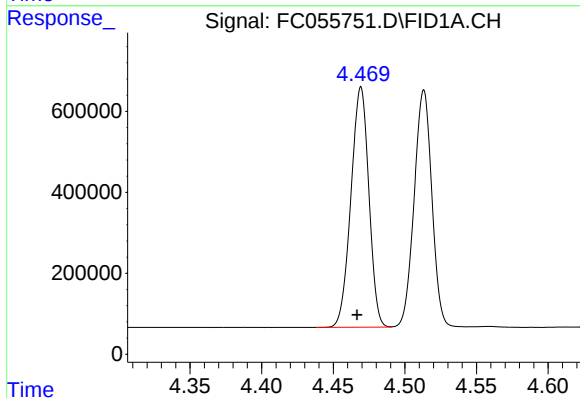
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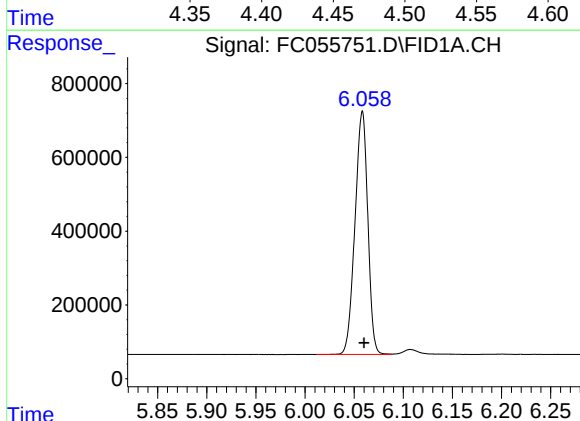
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: 0.006 min
Response: 4383467
Conc: 39.44 ug/ml m



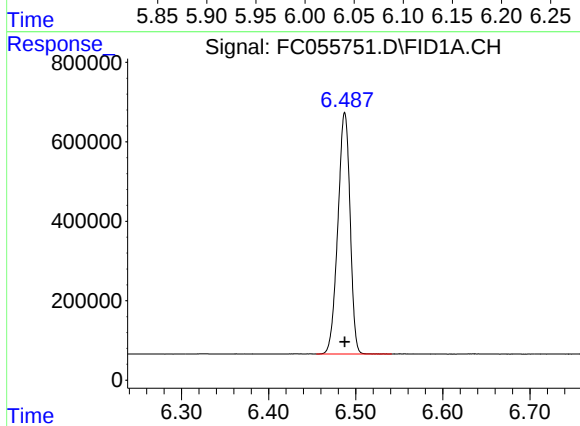
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: 0.003 min
Response: 5172508
Conc: 46.18 ug/ml



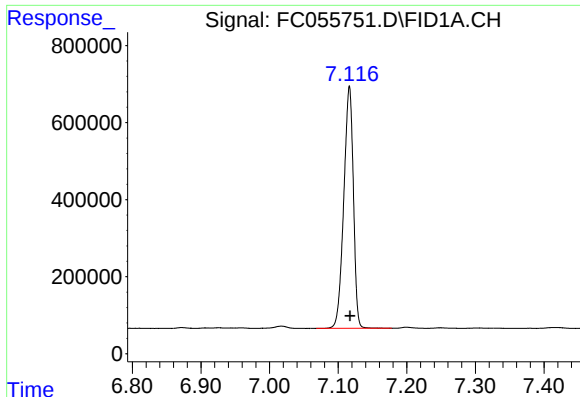
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 5985943
Conc: 47.68 ug/ml



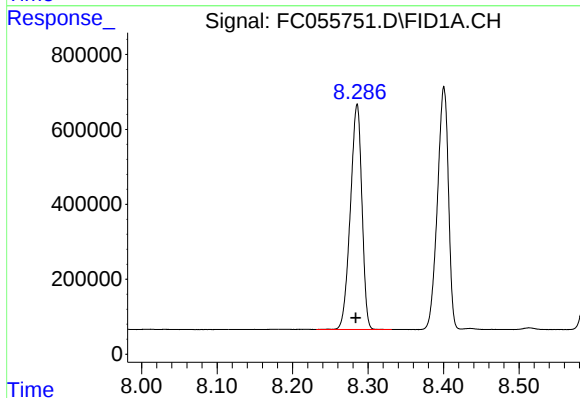
#4 n-Dodecane (C12)

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 5912689
Conc: 52.84 ug/ml



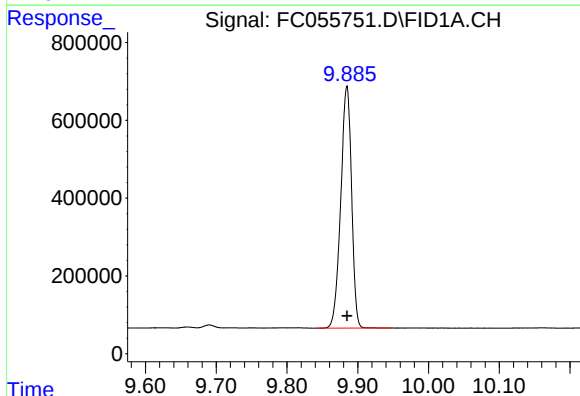
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.001 min
Response: 6102160
Conc: 48.26 ug/ml



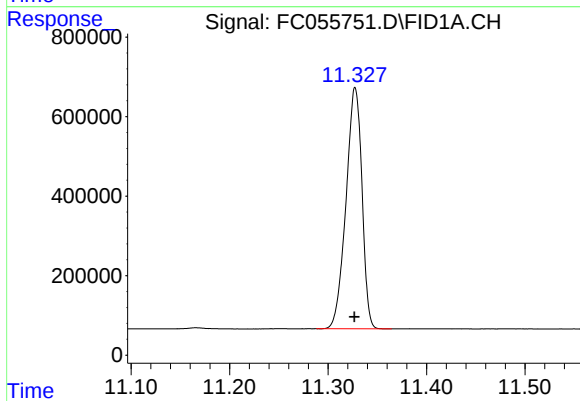
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: 0.001 min
Response: 6390532
Conc: 56.46 ug/ml



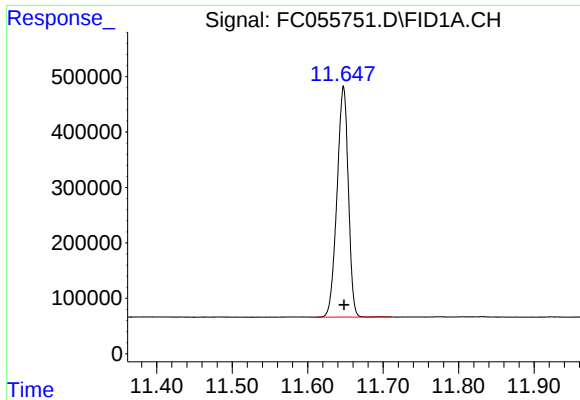
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.000 min
Response: 6618956
Conc: 57.93 ug/ml



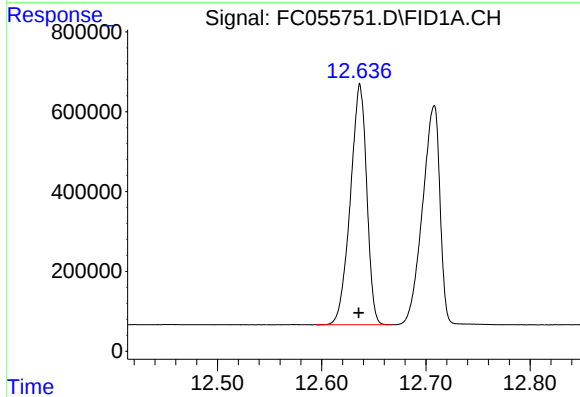
#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: 0.000 min
Response: 6840499
Conc: 57.65 ug/ml



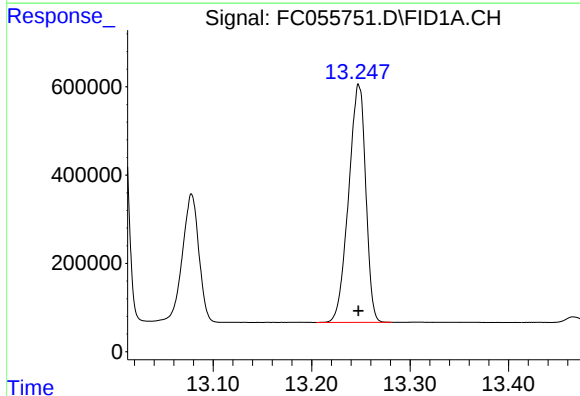
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: -0.001 min
Response: 4338194
Conc: 34.35 ug/ml



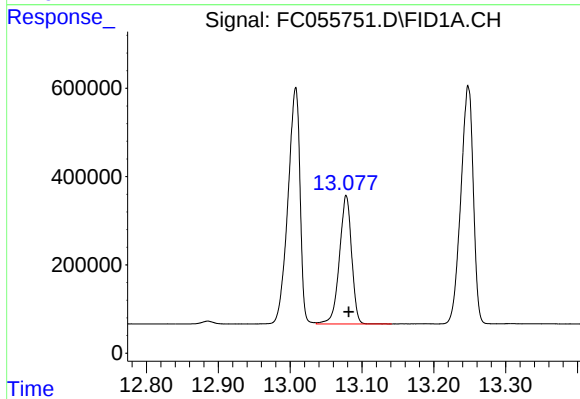
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.001 min
Response: 6587277
Conc: 55.81 ug/ml



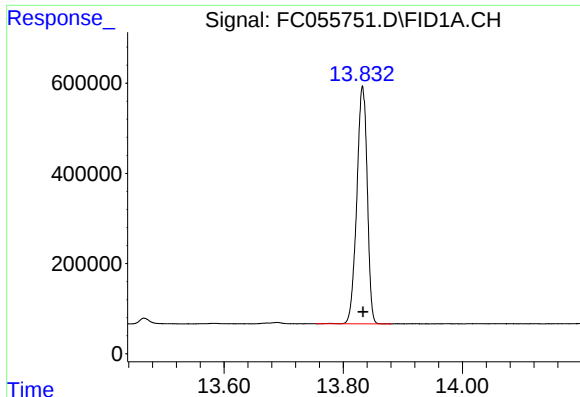
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.000 min
Response: 6514206
Conc: 54.60 ug/ml



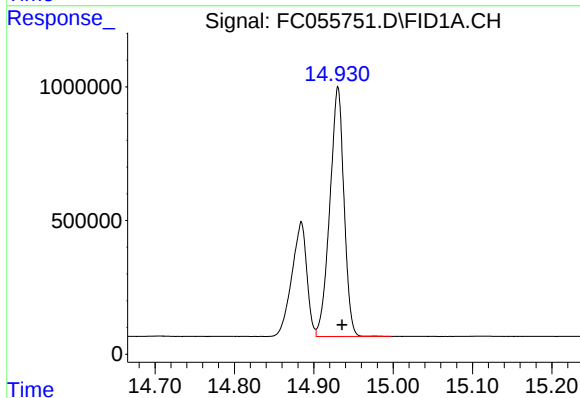
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.004 min
Response: 3421662
Conc: 34.63 ug/ml



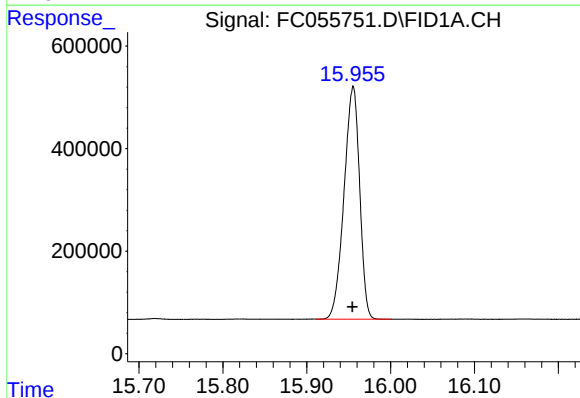
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: 0.000 min
Response: 6402604
Conc: 54.04 ug/ml



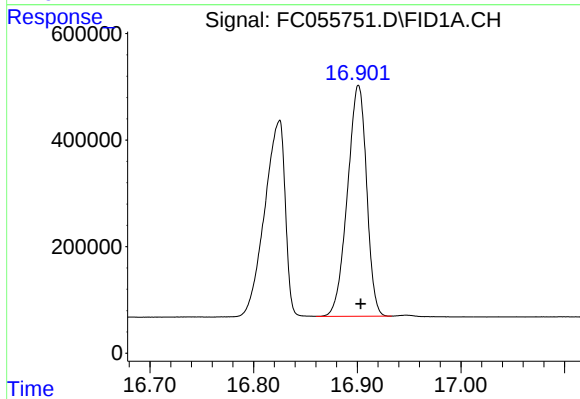
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.006 min
Response: 11583350
Conc: 97.89 ug/ml



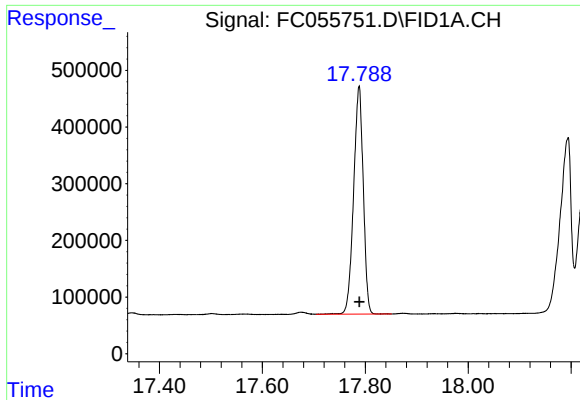
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: 0.000 min
Response: 5866405
Conc: 51.48 ug/ml



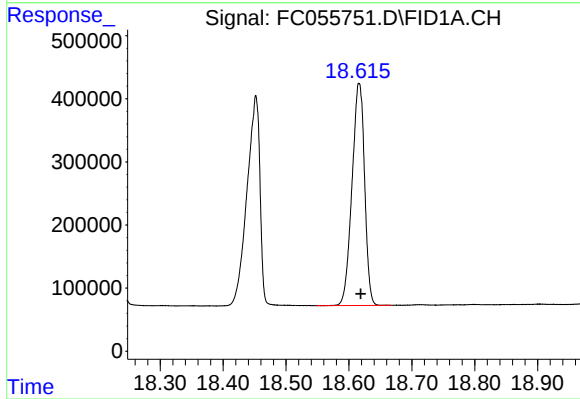
#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: -0.002 min
Response: 5563282
Conc: 51.14 ug/ml



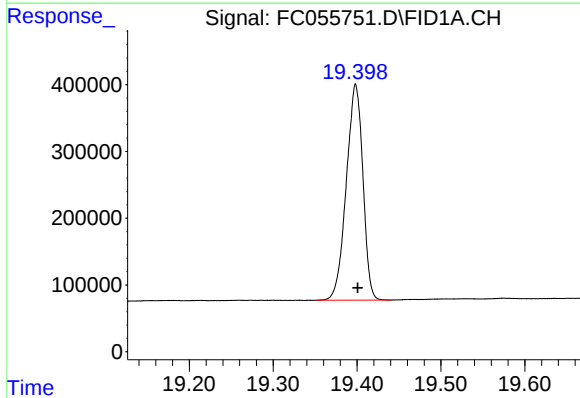
#17 n-Tricontane (C30)

R.T.: 17.788 min
Delta R.T.: 0.000 min
Response: 5226566
Conc: 51.67 ug/ml



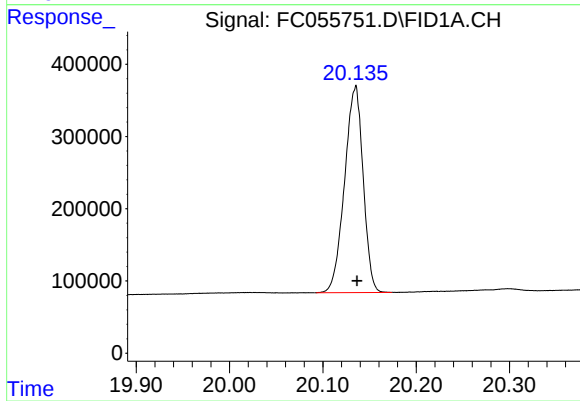
#18 n-Dotriacontane (C32)

R.T.: 18.616 min
Delta R.T.: -0.002 min
Response: 4892471
Conc: 53.54 ug/ml



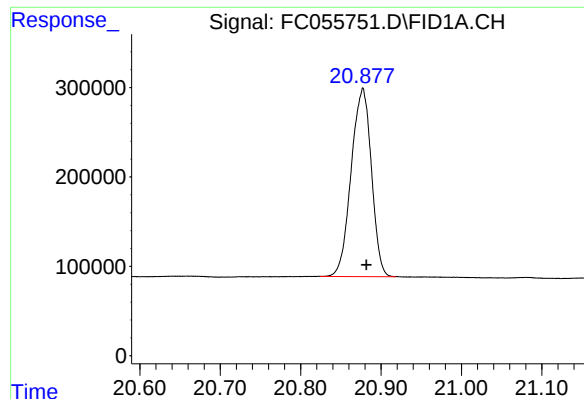
#19 n-Tetratriacontane (C34)

R.T.: 19.398 min
Delta R.T.: -0.003 min
Response: 4438989
Conc: 51.40 ug/ml



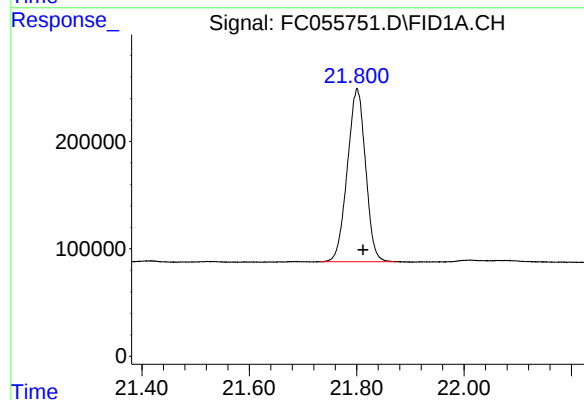
#20 n-Hexatriacontane (C36)

R.T.: 20.135 min
Delta R.T.: -0.001 min
Response: 3954539
Conc: 46.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.877 min
Delta R.T.: -0.005 min
Response: 3681166
Conc: 48.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.800 min
Delta R.T.: -0.012 min
Response: 3785297
Conc: 54.04 ug/ml m