

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112021AL\
 Data File : FC056939.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2021 12:45
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 19 21:54:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.595	2320797	19.999 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.027	1830243	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.362	2000046	19.738 ug/ml
2) T n-Decane (C10)	4.428	2005794	20.030 ug/ml
3) T A~Naphthalene (C11.7)	6.015	2239601	20.057 ug/ml
4) T n-Dodecane (C12)	6.444	2019774	19.920 ug/ml
5) T A~2-methylnaphthalene...	7.071	2252892	20.432 ug/ml
6) T n-Tetradecane (C14)	8.237	2029133	20.027 ug/ml
7) T n-Hexadecane (C16)	9.836	2058990	20.065 ug/ml
8) T n-Octadecane (C18)	11.276	2136373	19.940 ug/ml
10) T n-Eicosane (C20)	12.583	2133597	19.949 ug/ml
11) T n-Heneicosane (C21)	13.194	2166445	20.005 ug/ml
13) T n-Docosane (C22)	13.778	2149512	20.064 ug/ml
14) T n-Tetracosane (C24)	14.877	2164852	19.998 ug/ml
15) T n-Hexacosane (C26)	15.895	2117922	19.883 ug/ml
16) T n-Octacosane (C28)	16.841	2113356	19.813 ug/ml
17) T n-Tricontane (C30)	17.725	2075756	19.475 ug/ml
18) T n-Dotriacontane (C32)	18.554	2001150	18.972 ug/ml
19) T n-Tetratriacontane (C34)	19.333	1932042	18.597 ug/ml
20) T n-Hexatriacontane (C36)	20.069	1822522	18.044 ug/ml
21) T n-Octatriacontane (C38)	20.800	1716271	18.696 ug/ml
22) T n-Tetracontane (C40)	21.705	1720782	19.102 ug/ml

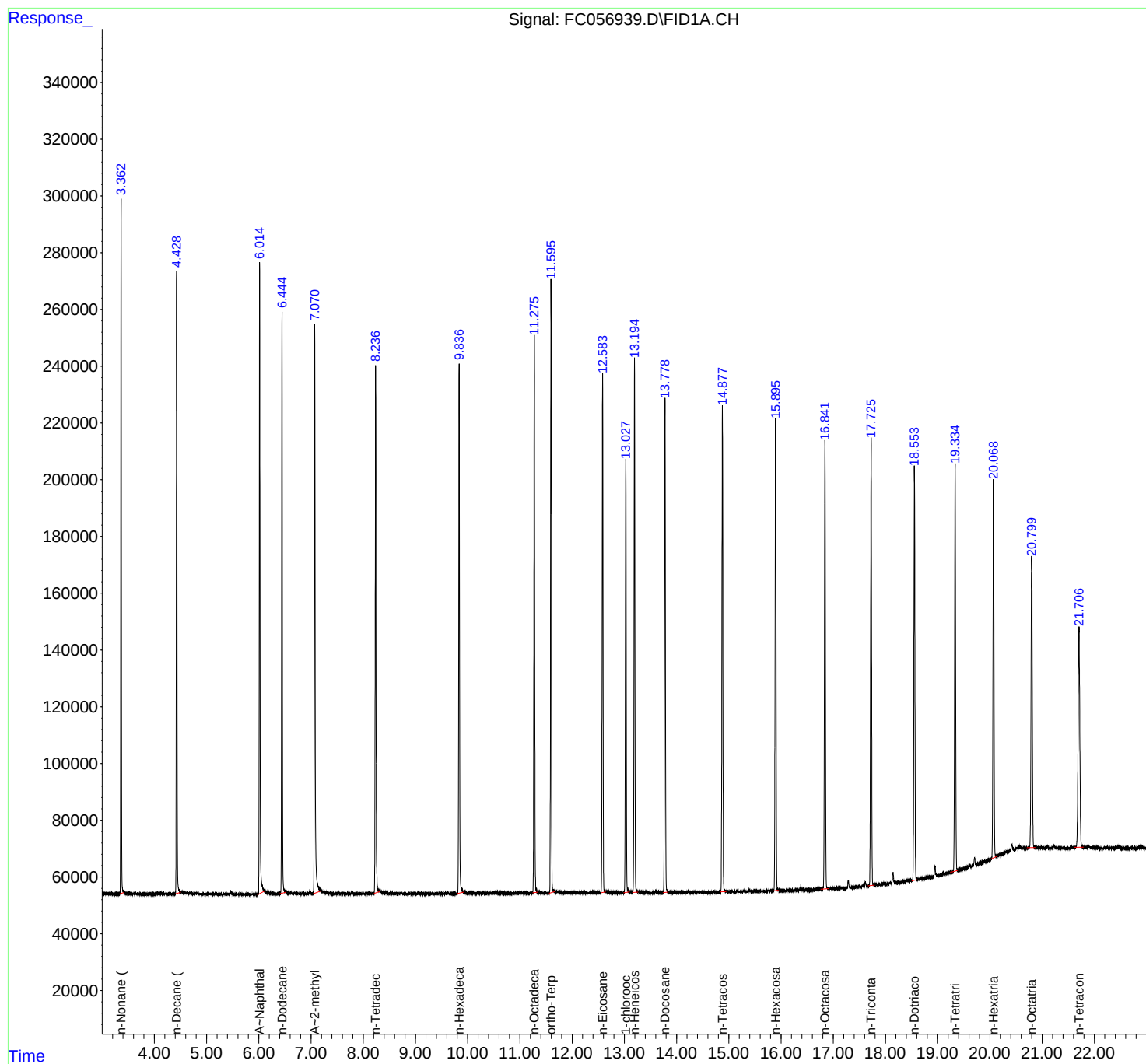
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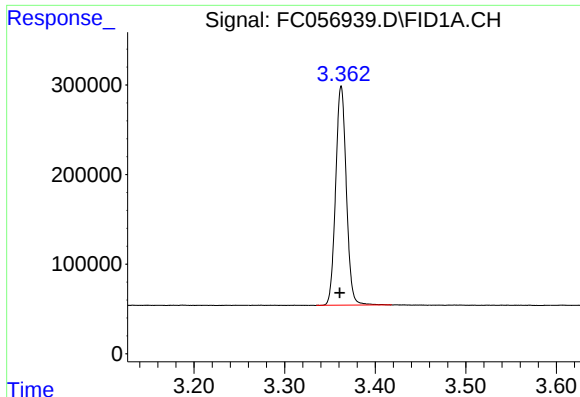
(m)=manual int.

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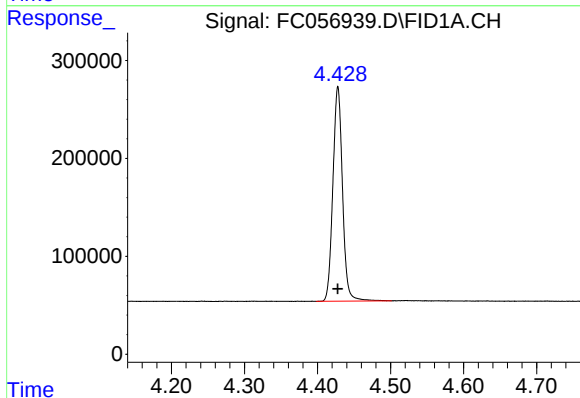
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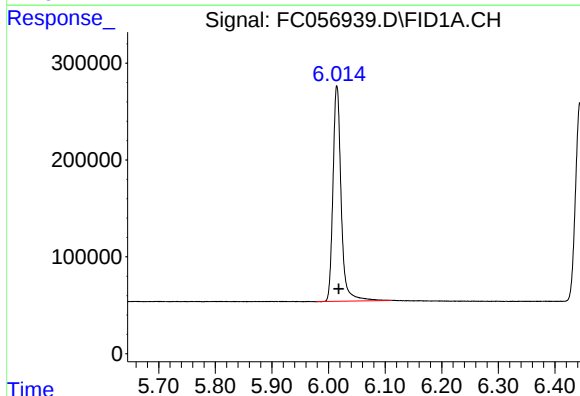
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: 0.001 min
Response: 2000046
Conc: 19.74 ug/ml



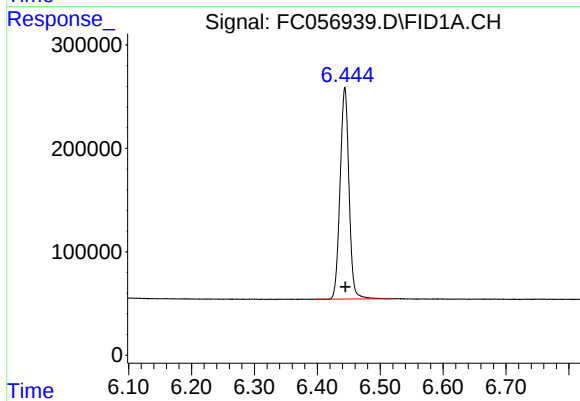
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 2005794
Conc: 20.03 ug/ml



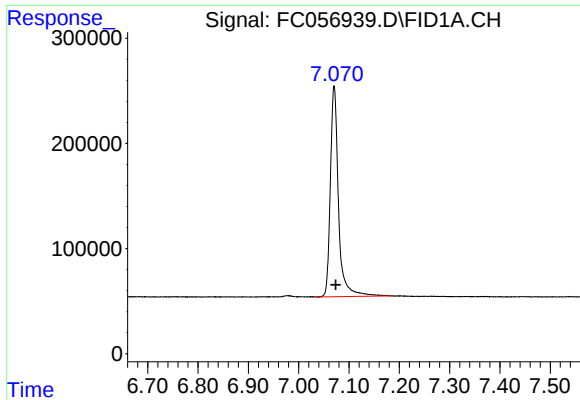
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 2239601
Conc: 20.06 ug/ml



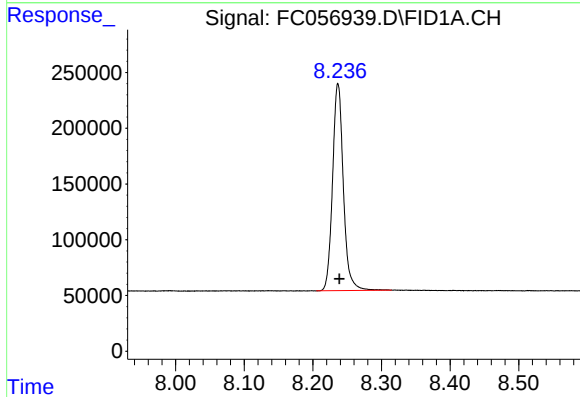
#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 2019774
Conc: 19.92 ug/ml



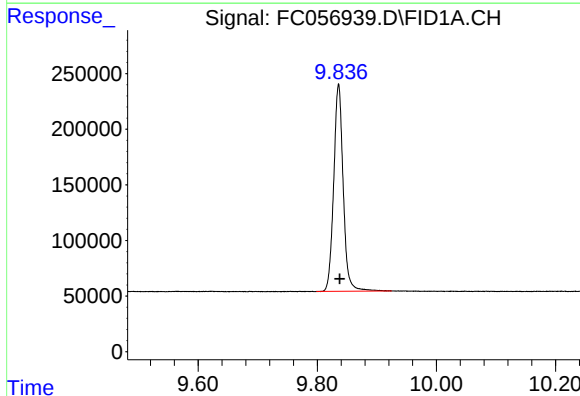
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 2252892
Conc: 20.43 ug/ml



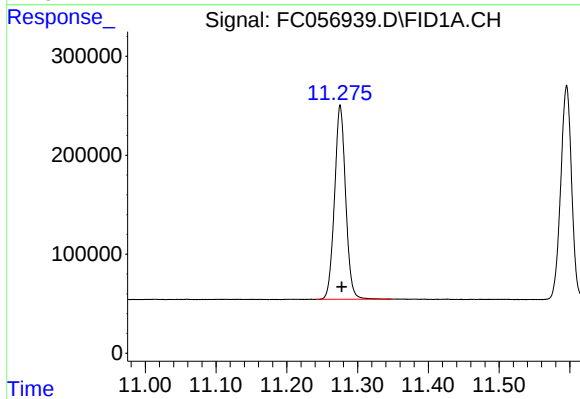
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 2029133
Conc: 20.03 ug/ml



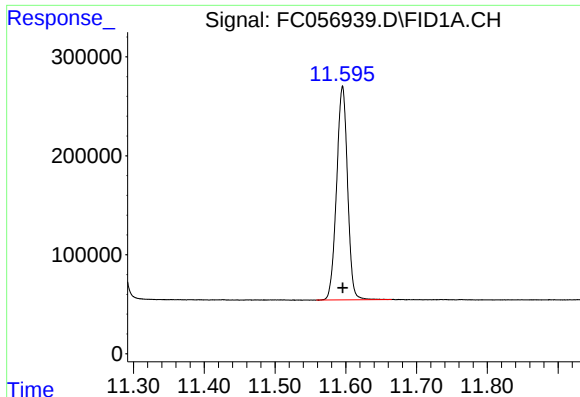
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.002 min
Response: 2058990
Conc: 20.06 ug/ml



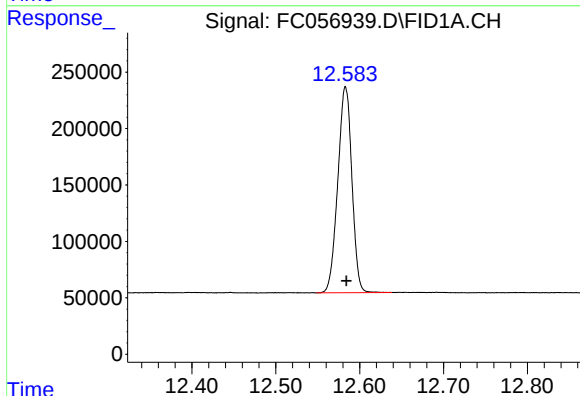
#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.002 min
Response: 2136373
Conc: 19.94 ug/ml



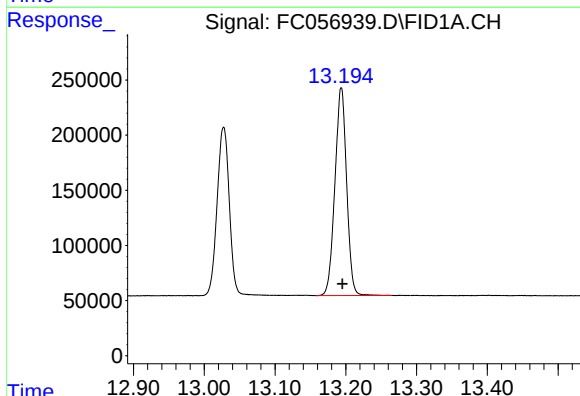
#9 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 2320797
Conc: 20.00 ug/ml



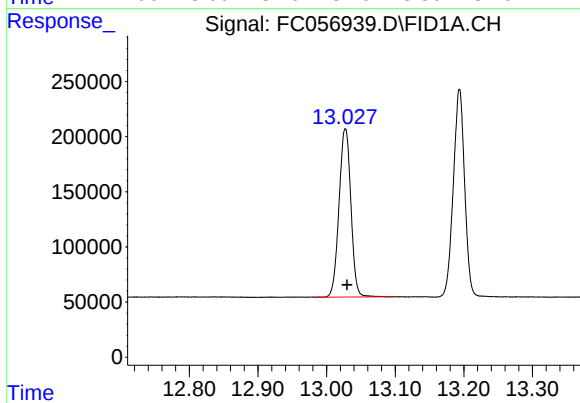
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.001 min
Response: 2133597
Conc: 19.95 ug/ml



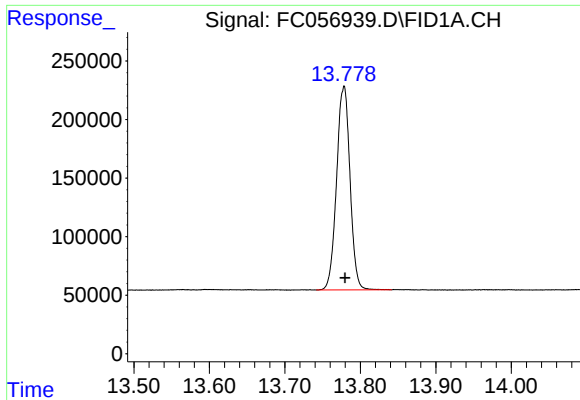
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.002 min
Response: 2166445
Conc: 20.01 ug/ml



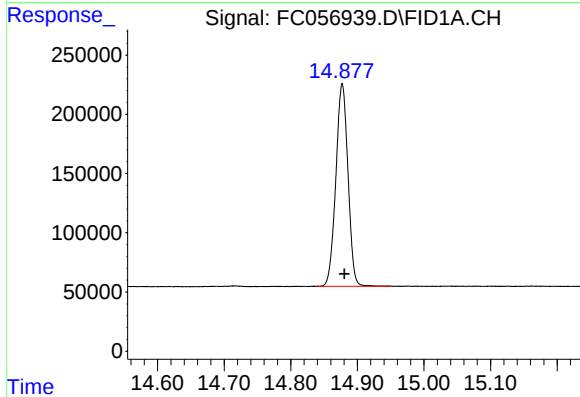
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.003 min
Response: 1830243
Conc: 20.10 ug/ml



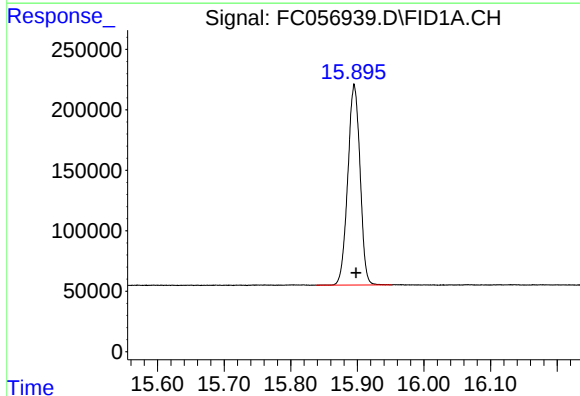
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: -0.002 min
Response: 2149512
Conc: 20.06 ug/ml



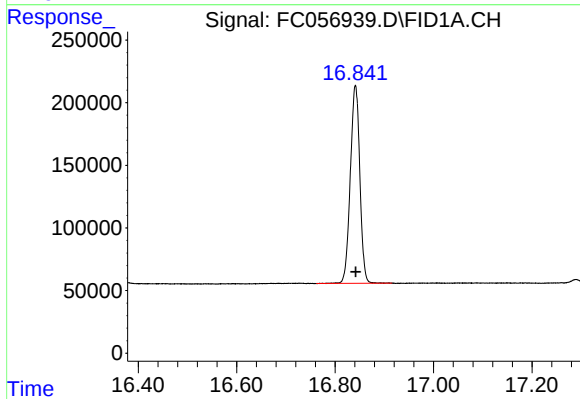
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 2164852
Conc: 20.00 ug/ml



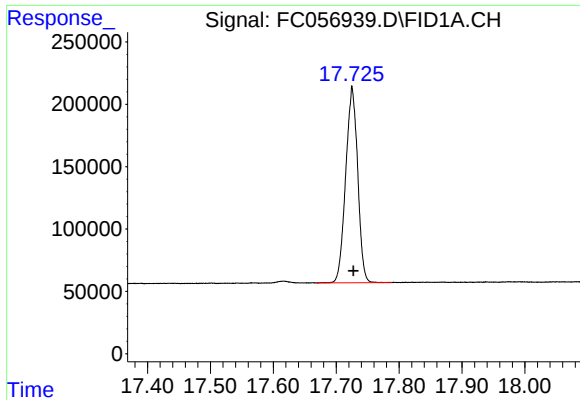
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 2117922
Conc: 19.88 ug/ml



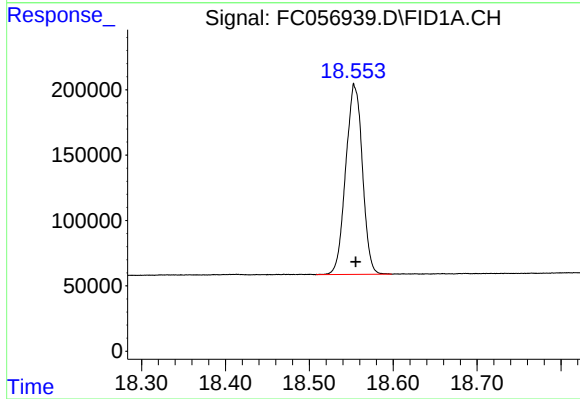
#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.000 min
Response: 2113356
Conc: 19.81 ug/ml



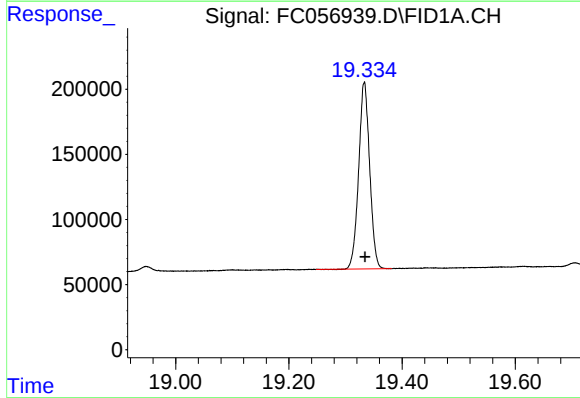
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: -0.002 min
Response: 2075756
Conc: 19.47 ug/ml



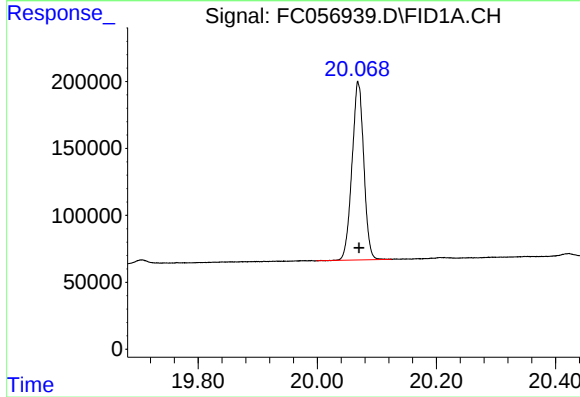
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.001 min
Response: 2001150
Conc: 18.97 ug/ml



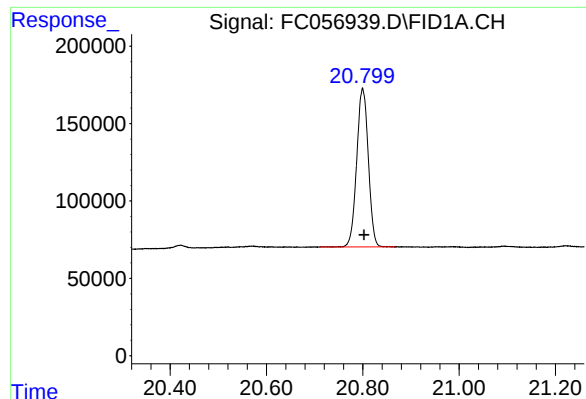
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.001 min
Response: 1932042
Conc: 18.60 ug/ml



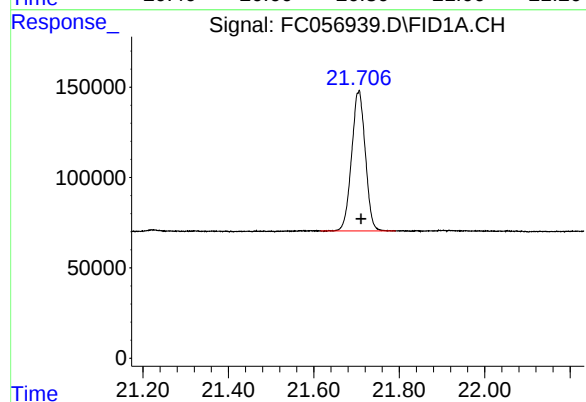
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.002 min
Response: 1822522
Conc: 18.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.003 min
Response: 1716271
Conc: 18.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.705 min
Delta R.T.: -0.005 min
Response: 1720782
Conc: 19.10 ug/ml