

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092520AL\
 Data File : FC049779.D
 Signal(s) : FID1A.CH
 Acq On : 25 Sep 2020 12:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 00:48:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.659	2288321	19.917 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	13.092	1754944	19.703 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.397	2250444	21.753 ug/ml
2) T n-Decane (C10)	4.469	2282799	21.978 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2464692	21.436 ug/ml
4) T n-Dodecane (C12)	6.493	2293019	21.693 ug/ml
5) T A~2-methylnaphthalene...	7.125	2475309	21.171 ug/ml
6) T n-Tetradecane (C14)	8.291	2239746	21.231 ug/ml
7) T n-Hexadecane (C16)	9.894	2155441	20.712 ug/ml
8) T n-Octadecane (C18)	11.337	2189330	20.371 ug/ml
10) T n-Eicosane (C20)	12.647	2148171	20.061 ug/ml
11) T n-Heneicosane (C21)	13.258	2111239	19.839 ug/ml
13) T n-Docosane (C22)	13.843	2089132	19.742 ug/ml
14) T n-Tetracosane (C24)	14.946	2074274	19.823 ug/ml
15) T n-Hexacosane (C26)	15.967	2031049	19.868 ug/ml
16) T n-Octacosane (C28)	16.916	2052182	20.420 ug/ml
17) T n-Tricontane (C30)	17.804	2055846	21.115 ug/ml
18) T n-Dotriacontane (C32)	18.635	1958029	21.669 ug/ml
19) T n-Tetratriacontane (C34)	19.417	1943218	22.700 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1745277	21.663 ug/ml
21) T n-Octatriacontane (C38)	20.907	1743896	23.035 ug/ml
22) T n-Tetracontane (C40)	21.849	1722638	22.139 ug/ml

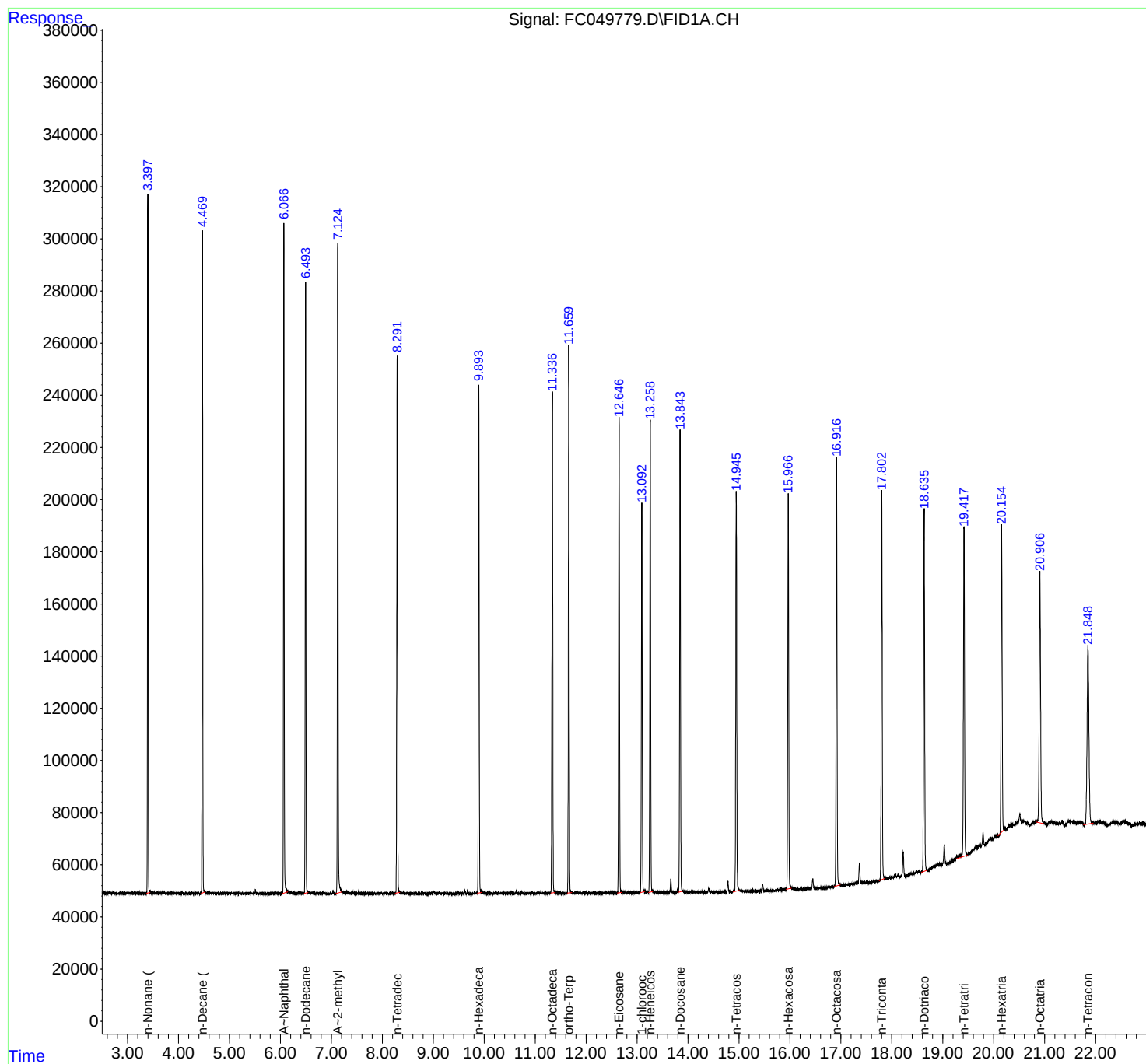
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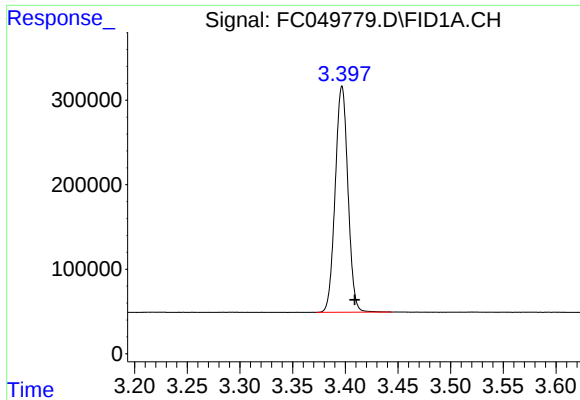
(m)=manual int.

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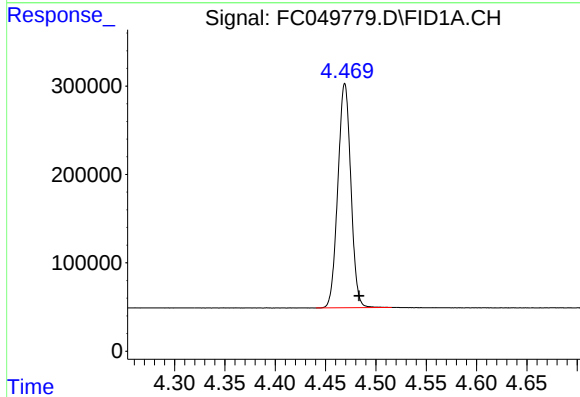
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





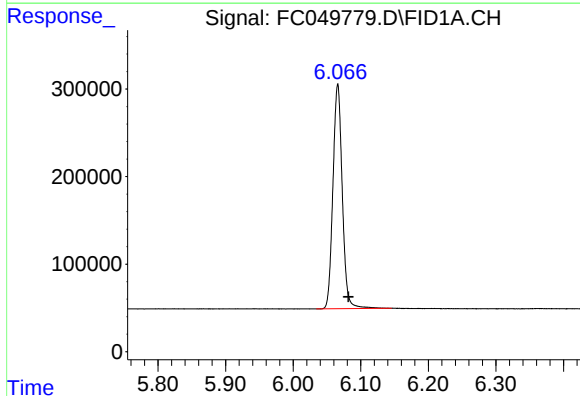
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.012 min
Response: 2250444
Conc: 21.75 ug/ml



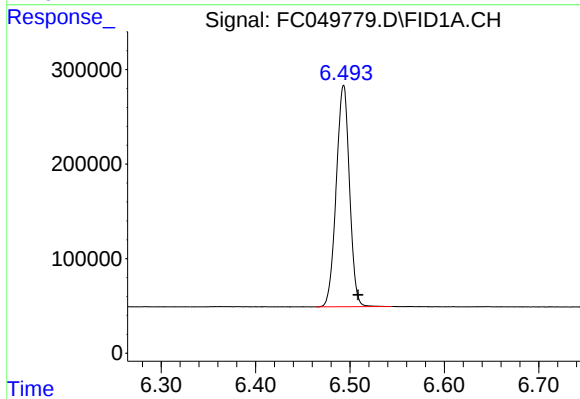
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.014 min
Response: 2282799
Conc: 21.98 ug/ml



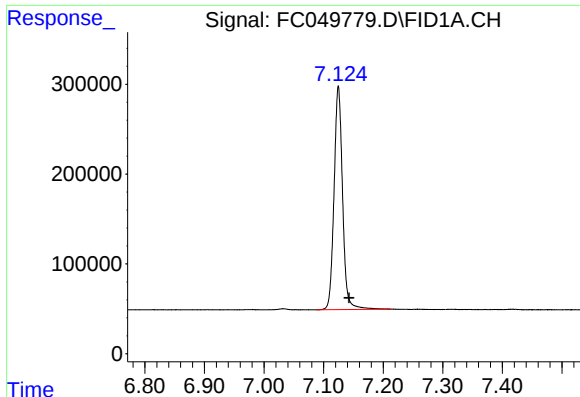
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.016 min
Response: 2464692
Conc: 21.44 ug/ml



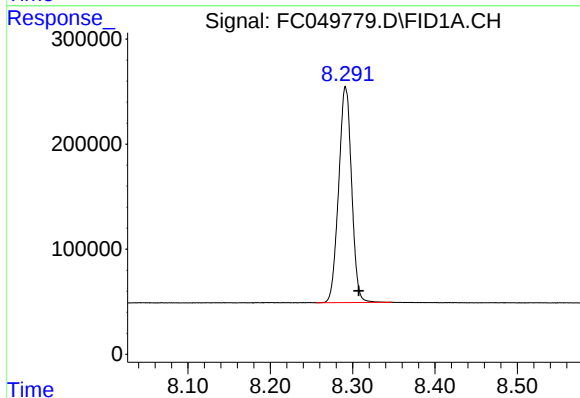
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: -0.016 min
Response: 2293019
Conc: 21.69 ug/ml



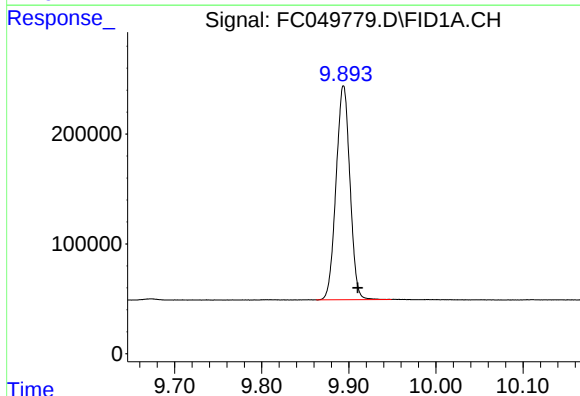
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: -0.018 min
Response: 2475309
Conc: 21.17 ug/ml



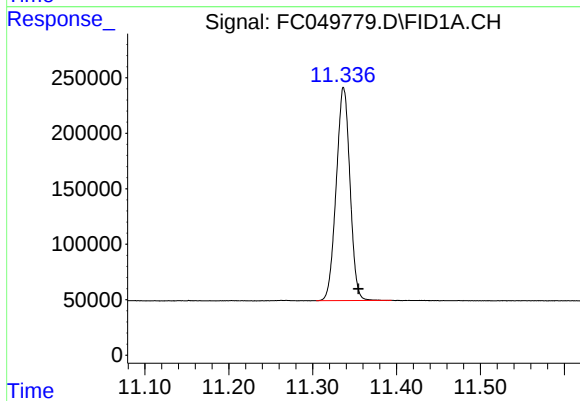
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.016 min
Response: 2239746
Conc: 21.23 ug/ml



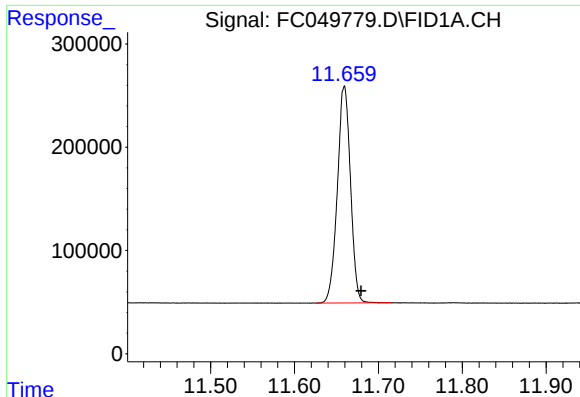
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: -0.016 min
Response: 2155441
Conc: 20.71 ug/ml



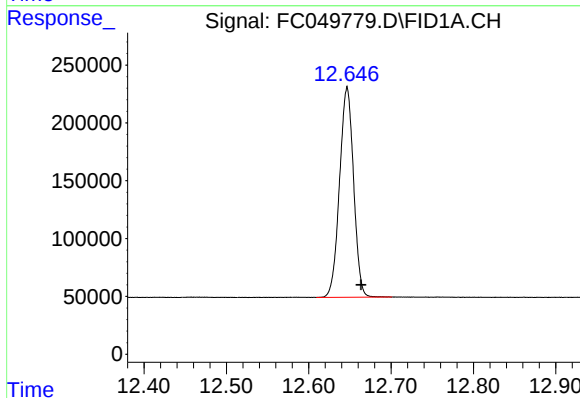
#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.017 min
Response: 2189330
Conc: 20.37 ug/ml



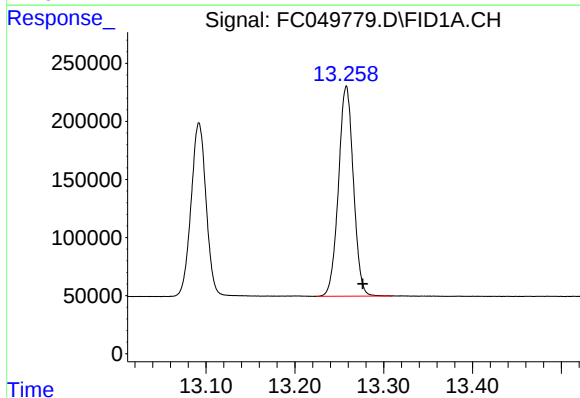
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: -0.020 min
Response: 2288321
Conc: 19.92 ug/ml



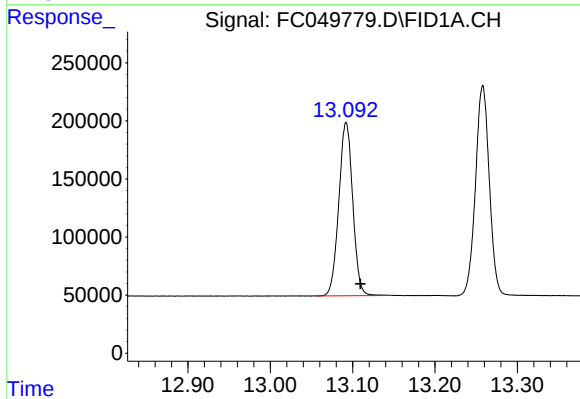
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: -0.017 min
Response: 2148171
Conc: 20.06 ug/ml



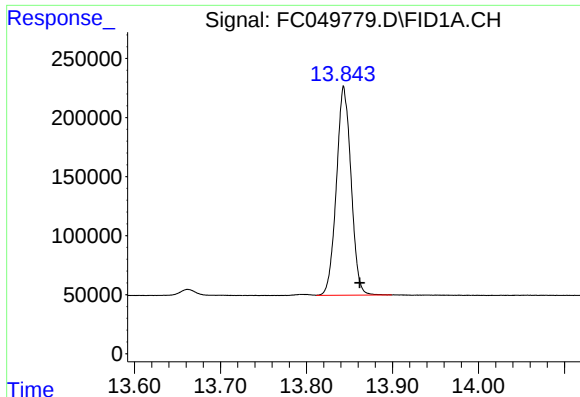
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.019 min
Response: 2111239
Conc: 19.84 ug/ml



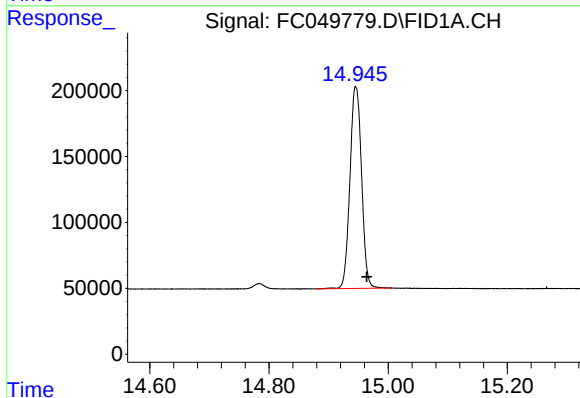
#12 1-chlorooctadecane (SURR)

R.T.: 13.092 min
Delta R.T.: -0.017 min
Response: 1754944
Conc: 19.70 ug/ml



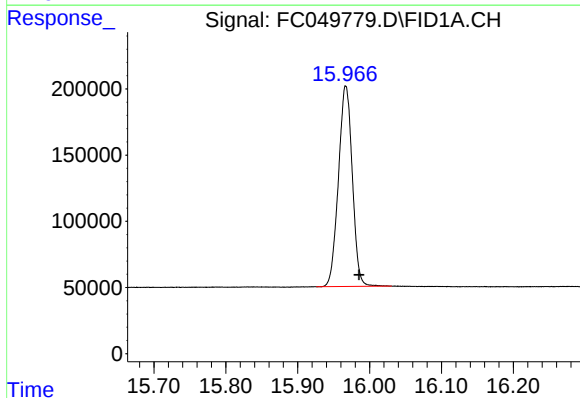
#13 n-Docosane (C22)

R.T.: 13.843 min
Delta R.T.: -0.019 min
Response: 2089132
Conc: 19.74 ug/ml



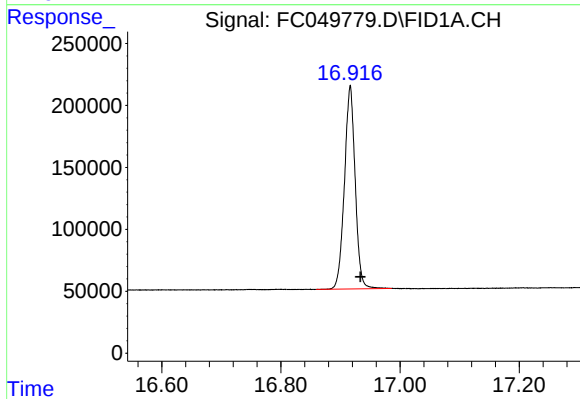
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: -0.019 min
Response: 2074274
Conc: 19.82 ug/ml



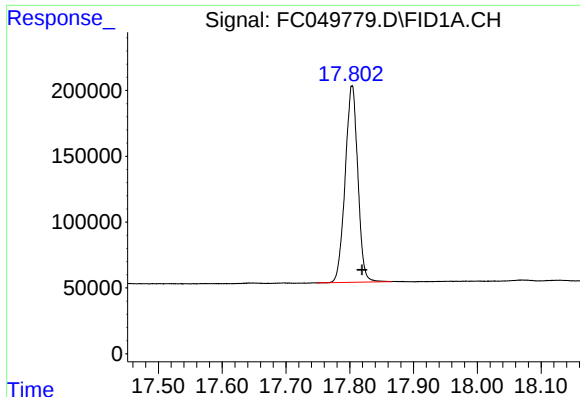
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.019 min
Response: 2031049
Conc: 19.87 ug/ml



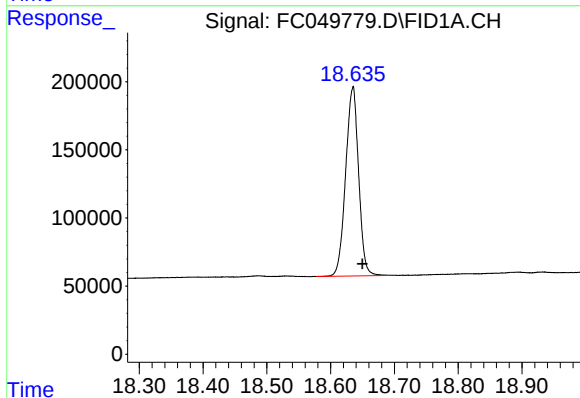
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.017 min
Response: 2052182
Conc: 20.42 ug/ml



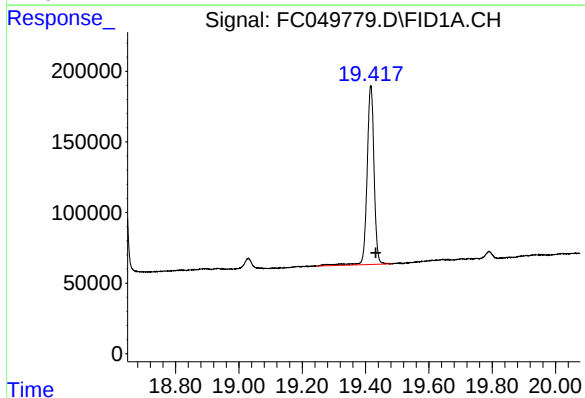
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: -0.016 min
Response: 2055846
Conc: 21.11 ug/ml



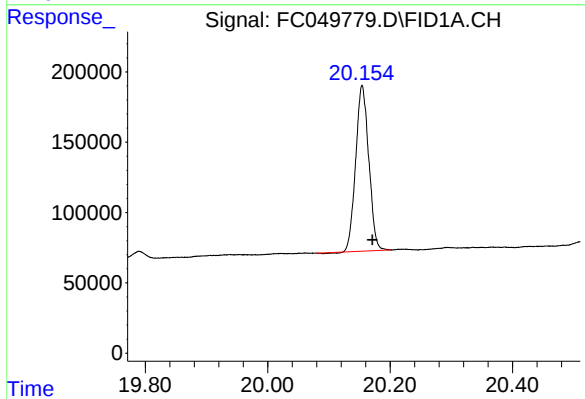
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: -0.015 min
Response: 1958029
Conc: 21.67 ug/ml



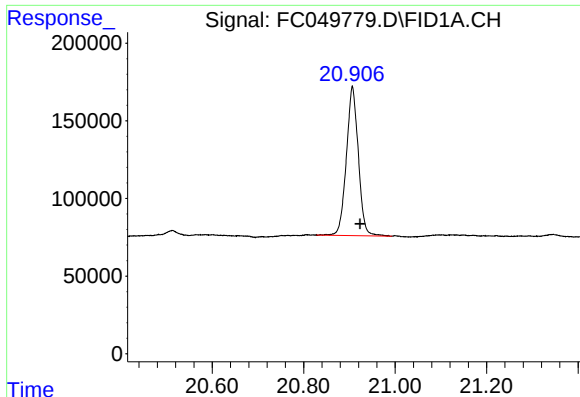
#19 n-Tetratriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.015 min
Response: 1943218
Conc: 22.70 ug/ml



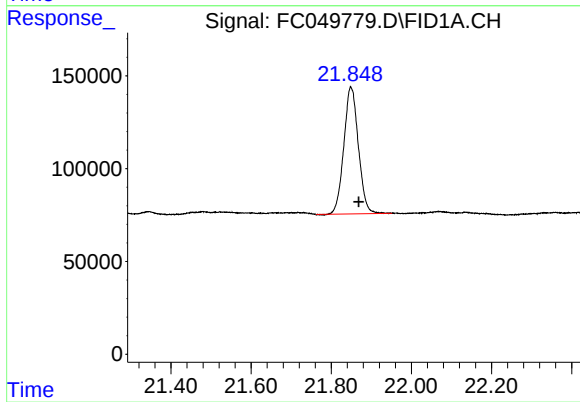
#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: -0.017 min
Response: 1745277
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.016 min
Response: 1743896
Conc: 23.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.849 min
Delta R.T.: -0.020 min
Response: 1722638
Conc: 22.14 ug/ml