

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030822AL\
 Data File : FC058614.D
 Signal(s) : FID1A.CH
 Acq On : 08 Mar 2022 14:17
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 09 00:14:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.398	2769561	19.015 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.831	2113857	18.649 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
Target Compounds			
1) T n-Nonane (C9)	3.253	2496851	20.763 ug/ml
2) T n-Decane (C10)	4.303	2486320	20.894 ug/ml
3) T A~Naphthalene (C11.7)	5.863	2697103	20.782 ug/ml
4) T n-Dodecane (C12)	6.296	2567553	20.871 ug/ml
5) T A~2-methylnaphthalene...	6.907	2695828	20.678 ug/ml
6) T n-Tetradecane (C14)	8.074	2579336	20.584 ug/ml
7) T n-Hexadecane (C16)	9.661	2582392	20.053 ug/ml
8) T n-Octadecane (C18)	11.092	2565748	19.498 ug/ml
10) T n-Eicosane (C20)	12.392	2495734	18.979 ug/ml
11) T n-Heneicosane (C21)	13.000	2483913	18.795 ug/ml
13) T n-Docosane (C22)	13.582	2436946	18.693 ug/ml
14) T n-Tetracosane (C24)	14.678	2370758	18.359 ug/ml
15) T n-Hexacosane (C26)	15.694	2286923	18.488 ug/ml
16) T n-Octacosane (C28)	16.639	2243493	18.848 ug/ml
17) T n-Tricontane (C30)	17.523	2204775	19.587 ug/ml
18) T n-Dotriacontane (C32)	18.352	2108411	19.607 ug/mlm
19) T n-Tetratriacontane (C34)	19.131	2032518	20.977 ug/ml
20) T n-Hexatriacontane (C36)	19.867	1917641	21.256 ug/ml
21) T n-Octatriacontane (C38)	20.572	1882933	21.637 ug/ml
22) T n-Tetracontane (C40)	21.401	1886346	22.479 ug/ml

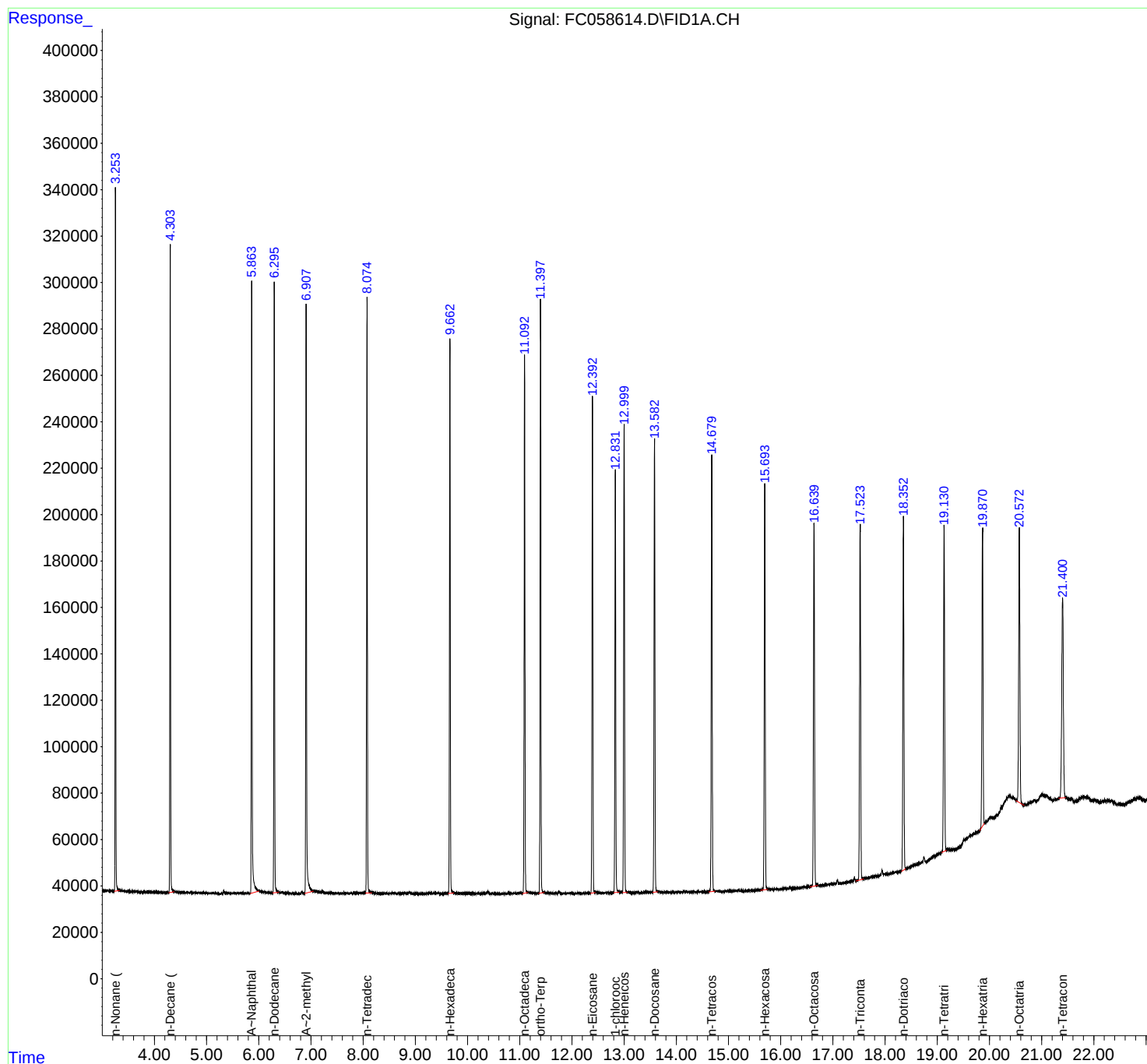
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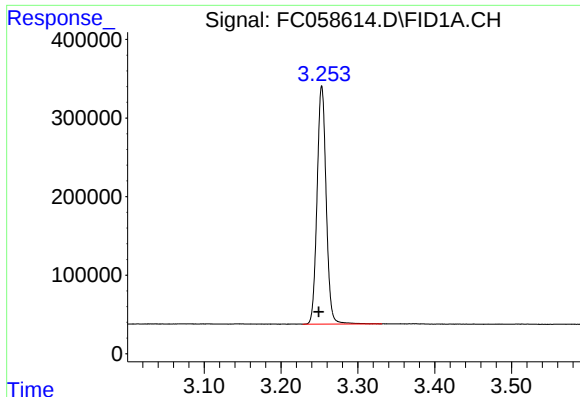
(m)=manual int.

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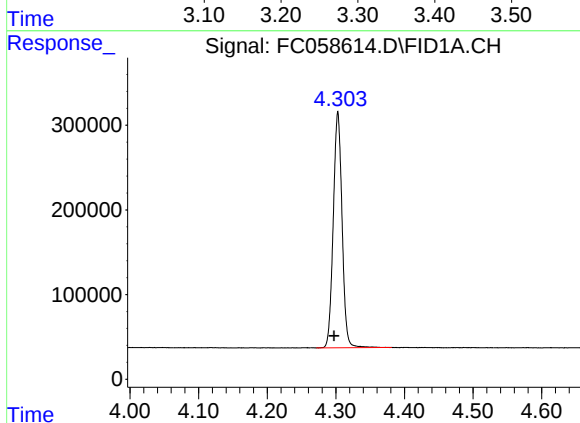
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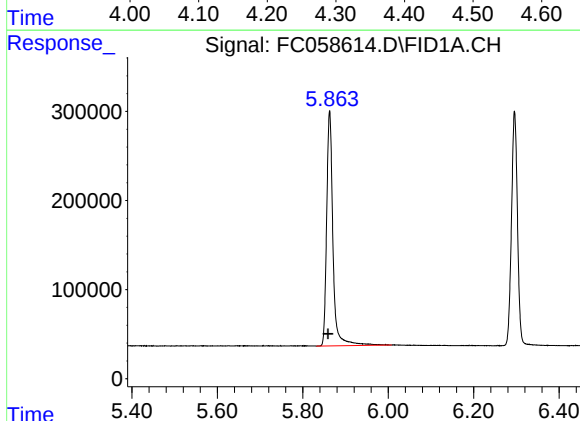
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: 0.004 min
Response: 2496851
Conc: 20.76 ug/ml



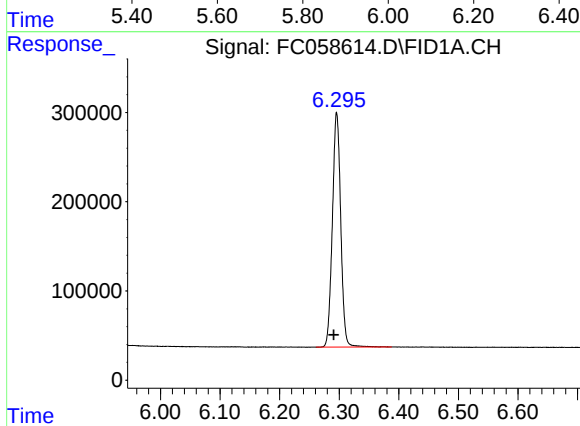
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.005 min
Response: 2486320
Conc: 20.89 ug/ml



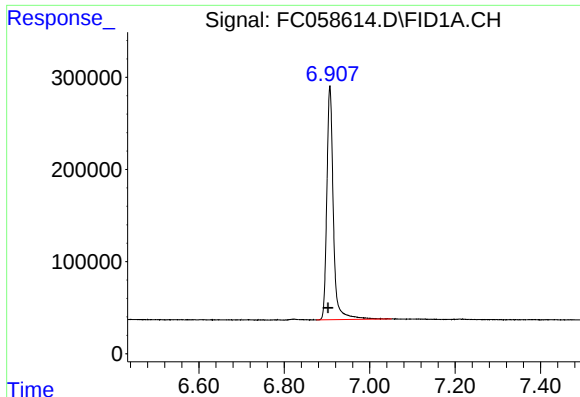
#3 A~Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: 0.004 min
Response: 2697103
Conc: 20.78 ug/ml



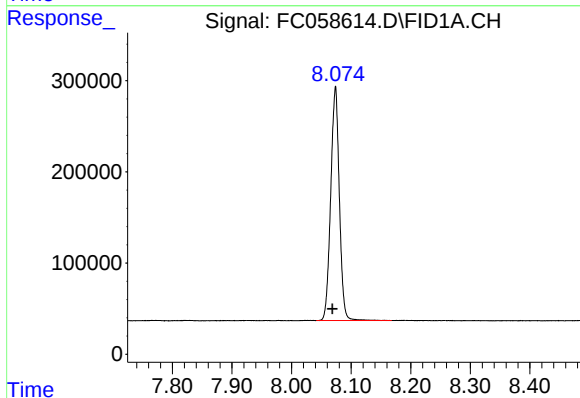
#4 n-Dodecane (C12)

R.T.: 6.296 min
Delta R.T.: 0.005 min
Response: 2567553
Conc: 20.87 ug/ml



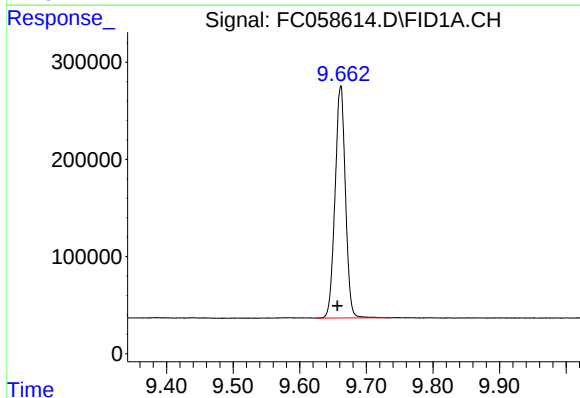
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.004 min
Response: 2695828
Conc: 20.68 ug/ml



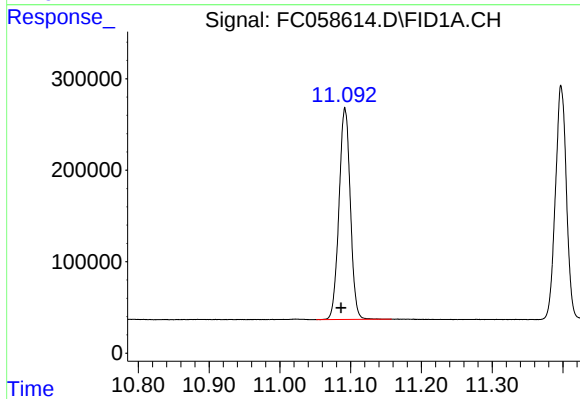
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.005 min
Response: 2579336
Conc: 20.58 ug/ml



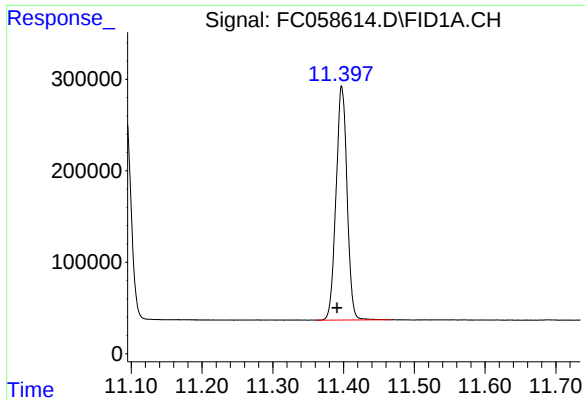
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.005 min
Response: 2582392
Conc: 20.05 ug/ml



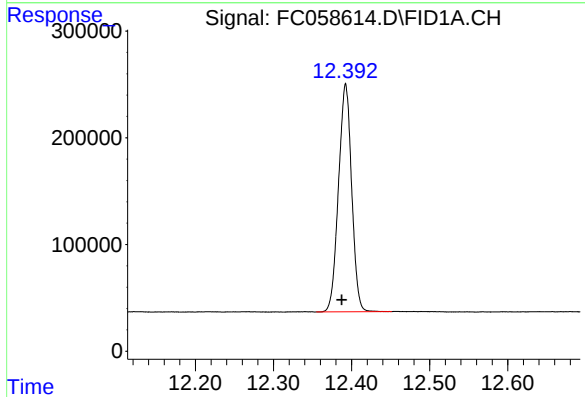
#8 n-Octadecane (C18)

R.T.: 11.092 min
Delta R.T.: 0.005 min
Response: 2565748
Conc: 19.50 ug/ml



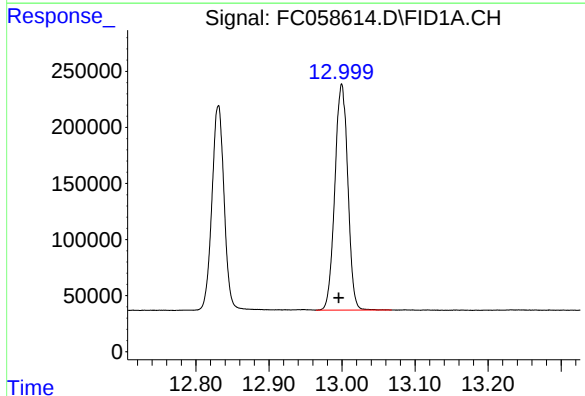
#9 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.007 min
Response: 2769561
Conc: 19.01 ug/ml



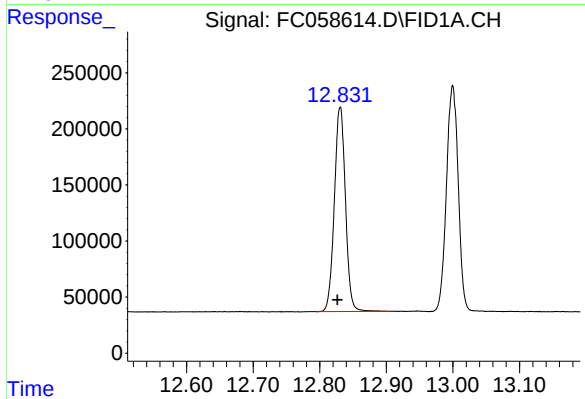
#10 n-Eicosane (C20)

R.T.: 12.392 min
Delta R.T.: 0.005 min
Response: 2495734
Conc: 18.98 ug/ml



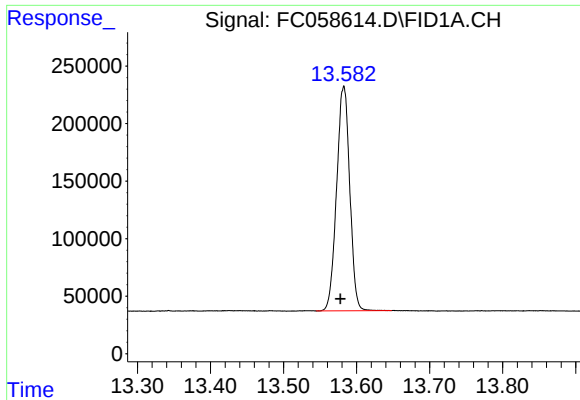
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: 0.004 min
Response: 2483913
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.831 min
Delta R.T.: 0.004 min
Response: 2113857
Conc: 18.65 ug/ml



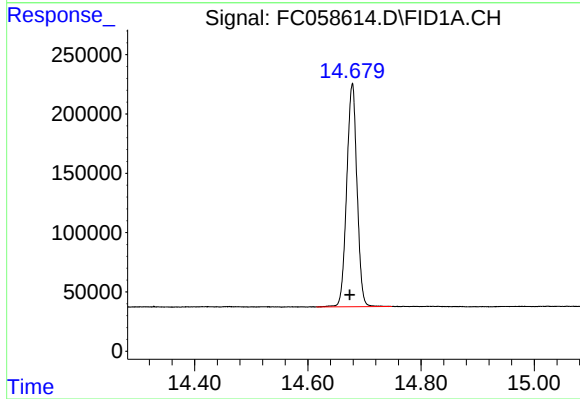
#13 n-Docosane (C22)

R.T.: 13.582 min

Delta R.T.: 0.004 min

Response: 2436946

Conc: 18.69 ug/ml



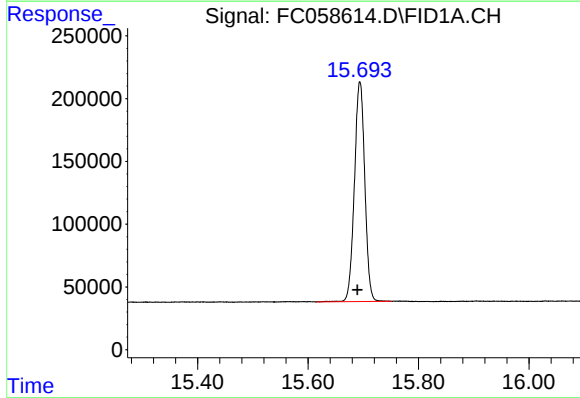
#14 n-Tetracosane (C24)

R.T.: 14.678 min

Delta R.T.: 0.004 min

Response: 2370758

Conc: 18.36 ug/ml



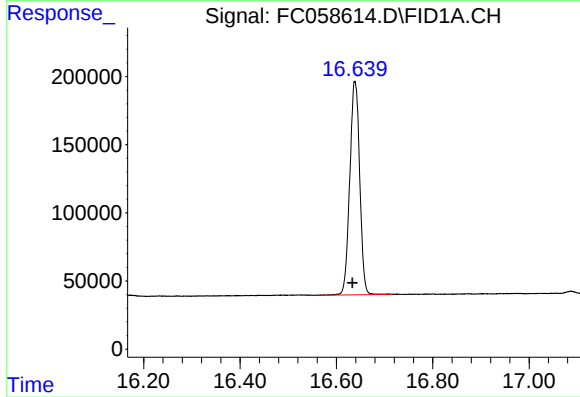
#15 n-Hexacosane (C26)

R.T.: 15.694 min

Delta R.T.: 0.004 min

Response: 2286923

Conc: 18.49 ug/ml



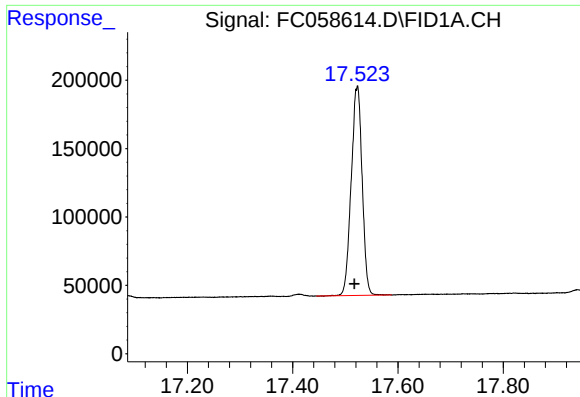
#16 n-Octacosane (C28)

R.T.: 16.639 min

Delta R.T.: 0.006 min

Response: 2243493

Conc: 18.85 ug/ml



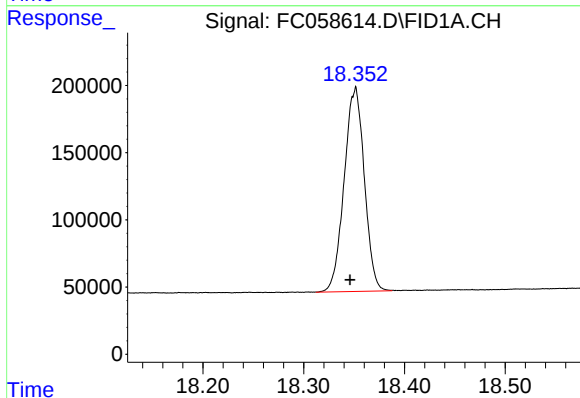
#17 n-Tricontane (C30)

R.T.: 17.523 min

Delta R.T.: 0.005 min

Response: 2204775

Conc: 19.59 ug/ml



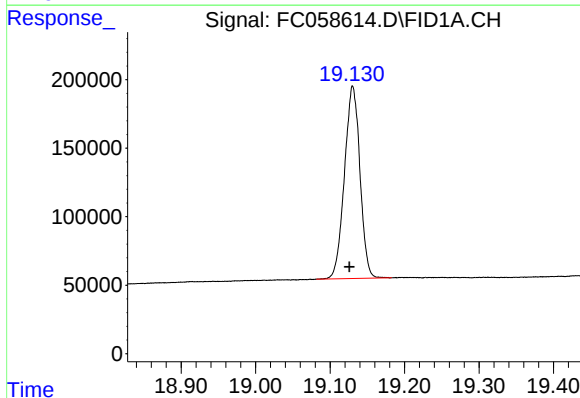
#18 n-Dotriacontane (C32)

R.T.: 18.352 min

Delta R.T.: 0.006 min

Response: 2108411

Conc: 19.61 ug/ml m



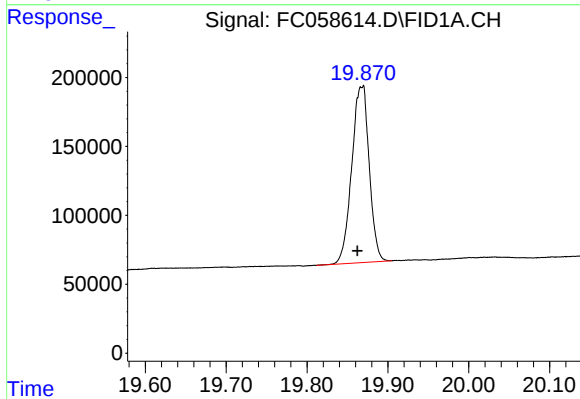
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min

Delta R.T.: 0.005 min

Response: 2032518

Conc: 20.98 ug/ml



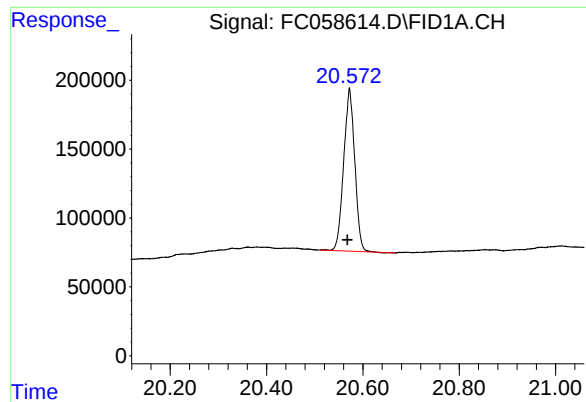
#20 n-Hexatriacontane (C36)

R.T.: 19.867 min

Delta R.T.: 0.005 min

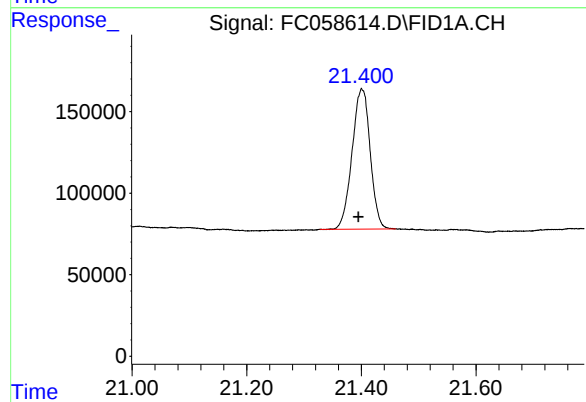
Response: 1917641

Conc: 21.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.572 min
Delta R.T.: 0.004 min
Response: 1882933
Conc: 21.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.401 min
Delta R.T.: 0.006 min
Response: 1886346
Conc: 22.48 ug/ml