

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081921AL\
 Data File : FC055314.D
 Signal(s) : FID1A.CH
 Acq On : 20 Aug 2021 00:37
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 01:32:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.306	2594365	20.607 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
12) S 1-chlorooctadecane (S...	12.747	2020792	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.141	2397191	22.925 ug/ml
2) T n-Decane (C10)	4.191	2478895	23.540 ug/ml
3) T A~Naphthalene (C11.7)	5.757	2555064	23.515 ug/ml
4) T n-Dodecane (C12)	6.192	2541927	23.408 ug/ml
5) T A~2-methylnaphthalene...	6.807	2589475	23.726 ug/ml
6) T n-Tetradecane (C14)	7.976	2567440	22.998 ug/ml
7) T n-Hexadecane (C16)	9.568	2547056	22.332 ug/ml
8) T n-Octadecane (C18)	11.003	2555131	21.668 ug/ml
10) T n-Eicosane (C20)	12.306	2445663	20.831 ug/ml
11) T n-Heneicosane (C21)	12.915	2431027	20.589 ug/ml
13) T n-Docosane (C22)	13.499	2358010	20.189 ug/ml
14) T n-Tetracosane (C24)	14.597	2321204	20.054 ug/ml
15) T n-Hexacosane (C26)	15.615	2224128	19.846 ug/ml
16) T n-Octacosane (C28)	16.562	2183014	20.106 ug/ml
17) T n-Tricontane (C30)	17.446	2173283	20.815 ug/ml
18) T n-Dotriacontane (C32)	18.276	2112012	21.326 ug/ml
19) T n-Tetratriacontane (C34)	19.058	2122420	22.393 ug/ml
20) T n-Hexatriacontane (C36)	19.797	2096894	23.205 ug/mlm
21) T n-Octatriacontane (C38)	20.498	2081215	24.087 ug/ml
22) T n-Tetracontane (C40)	21.301	2109039	23.683 ug/mlm

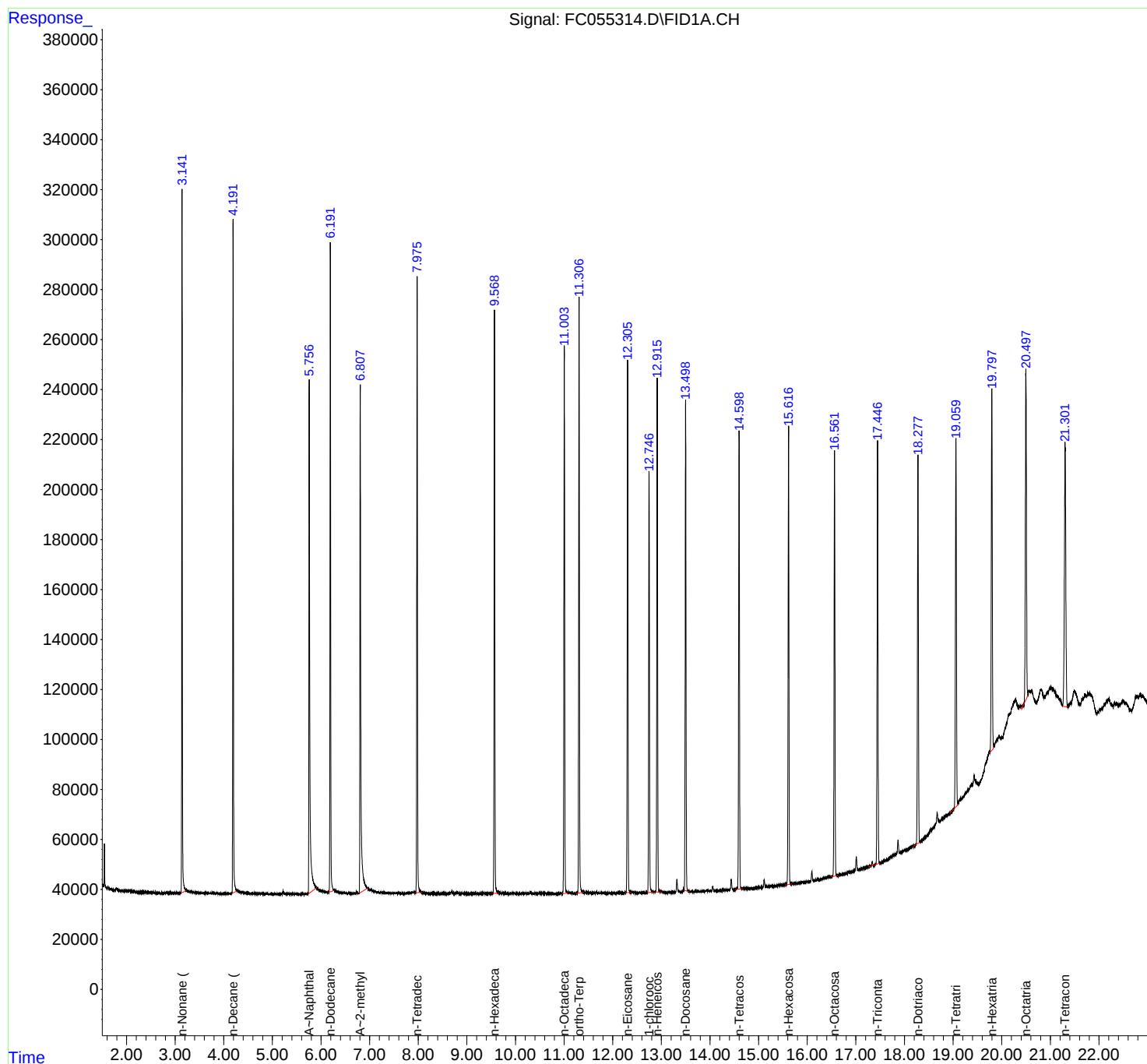
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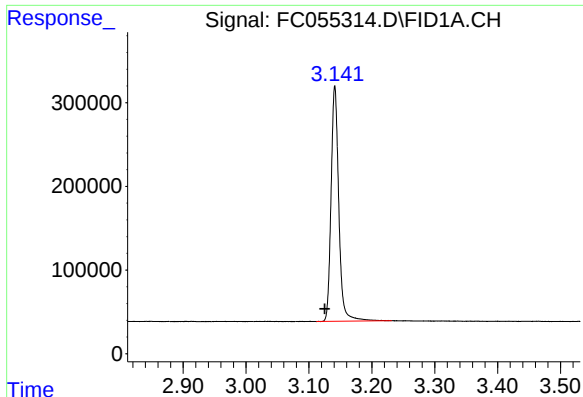
(m)=manual int.

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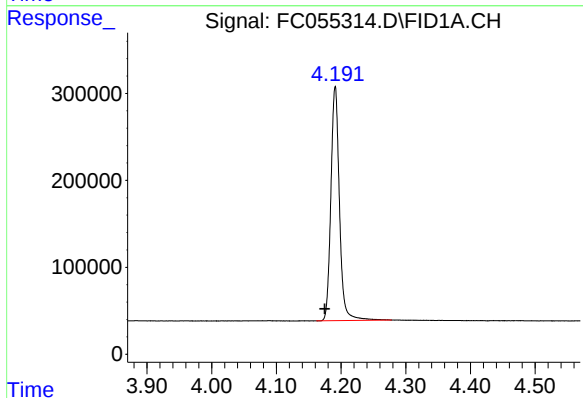
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Signal Info : 20M x 0.18mm x 0.18um





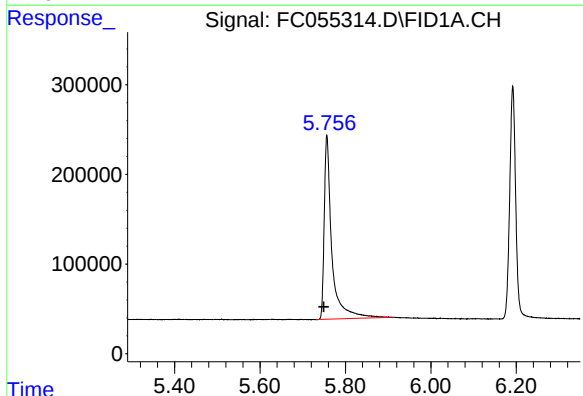
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: 0.016 min
Response: 2397191
Conc: 22.93 ug/ml



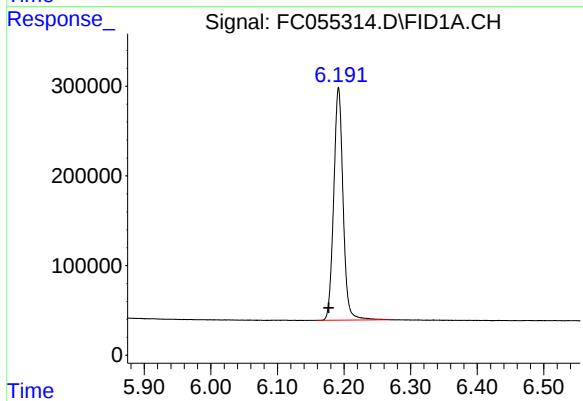
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.016 min
Response: 2478895
Conc: 23.54 ug/ml



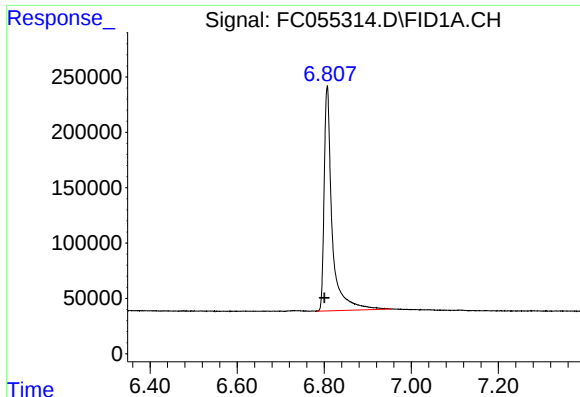
#3 A~Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: 0.008 min
Response: 2555064
Conc: 23.51 ug/ml



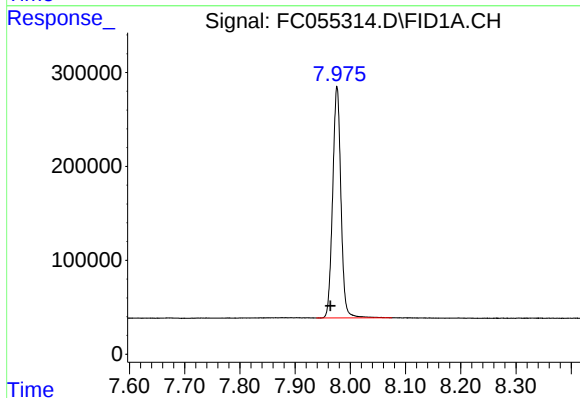
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 2541927
Conc: 23.41 ug/ml



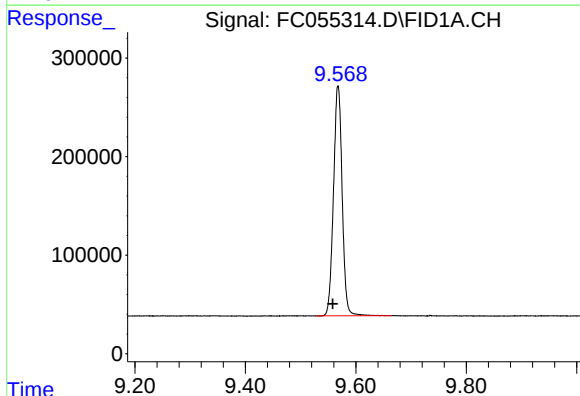
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.007 min
Response: 2589475
Conc: 23.73 ug/ml



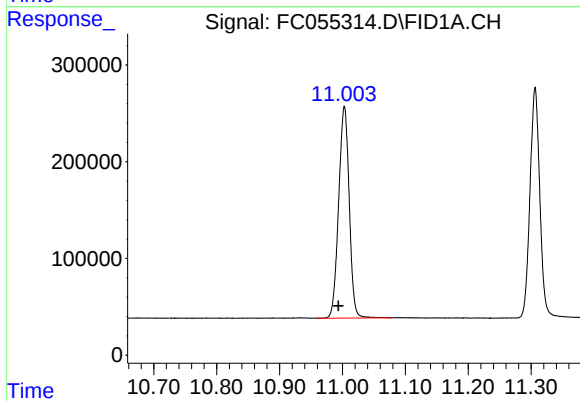
#6 n-Tetradecane (C14)

R.T.: 7.976 min
Delta R.T.: 0.012 min
Response: 2567440
Conc: 23.00 ug/ml



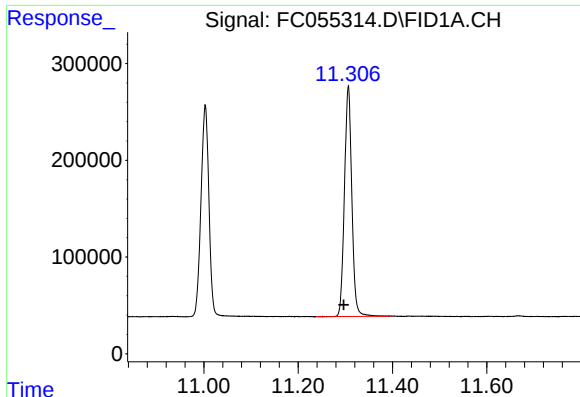
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 2547056
Conc: 22.33 ug/ml



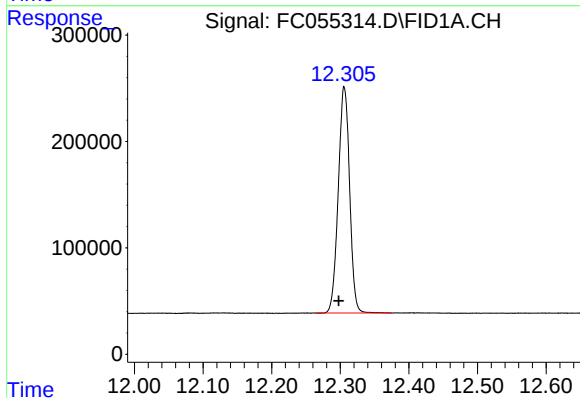
#8 n-Octadecane (C18)

R.T.: 11.003 min
Delta R.T.: 0.009 min
Response: 2555131
Conc: 21.67 ug/ml



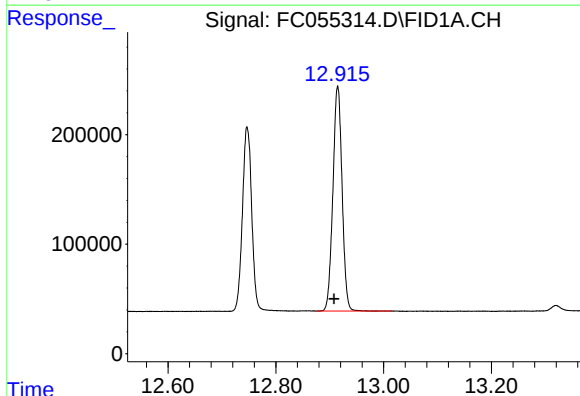
#9 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: 0.010 min
Response: 2594365
Conc: 20.61 ug/ml



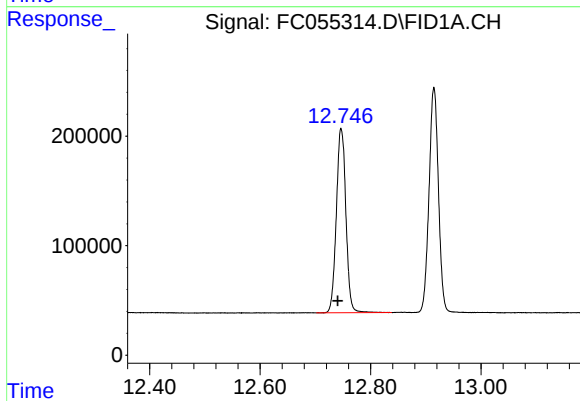
#10 n-Eicosane (C20)

R.T.: 12.306 min
Delta R.T.: 0.008 min
Response: 2445663
Conc: 20.83 ug/ml



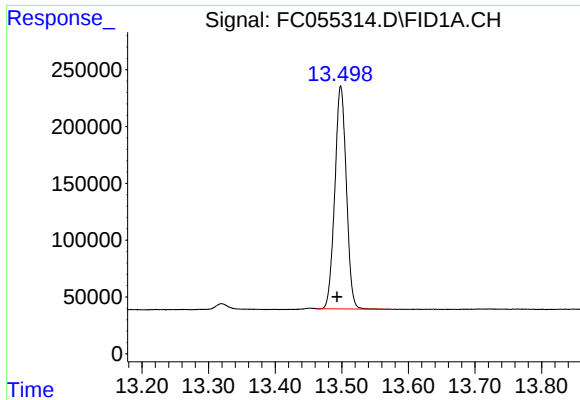
#11 n-Heneicosane (C21)

R.T.: 12.915 min
Delta R.T.: 0.007 min
Response: 2431027
Conc: 20.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min
Delta R.T.: 0.006 min
Response: 2020792
Conc: 20.39 ug/ml



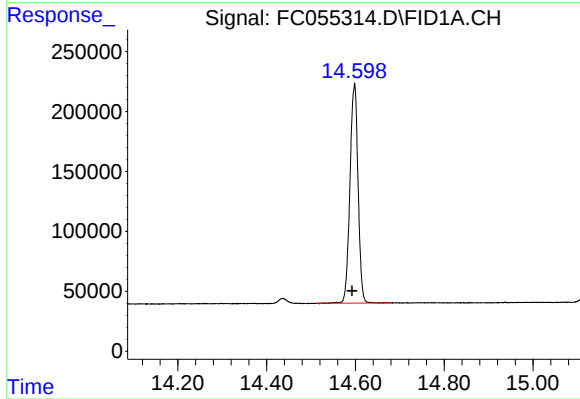
#13 n-Docosane (C22)

R.T.: 13.499 min

Delta R.T.: 0.006 min

Response: 2358010

Conc: 20.19 ug/ml



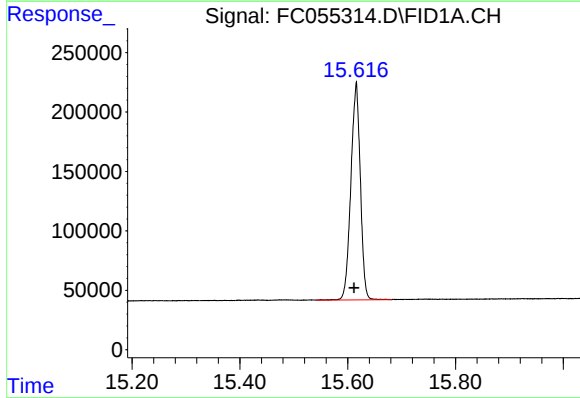
#14 n-Tetracosane (C24)

R.T.: 14.597 min

Delta R.T.: 0.005 min

Response: 2321204

Conc: 20.05 ug/ml



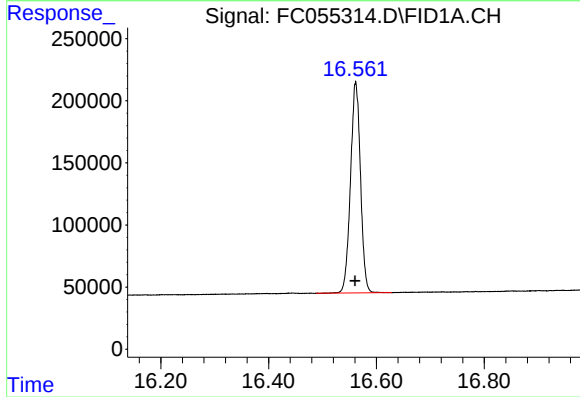
#15 n-Hexacosane (C26)

R.T.: 15.615 min

Delta R.T.: 0.003 min

Response: 2224128

Conc: 19.85 ug/ml



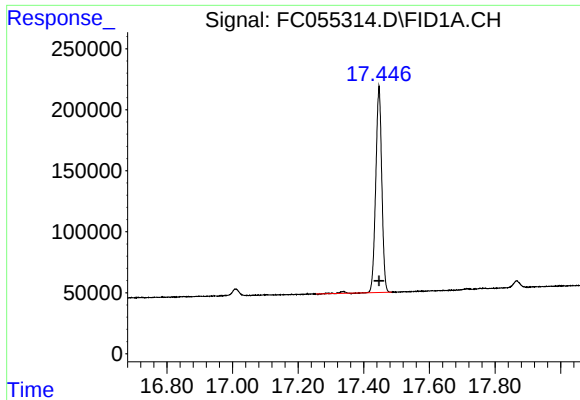
#16 n-Octacosane (C28)

R.T.: 16.562 min

Delta R.T.: 0.001 min

Response: 2183014

Conc: 20.11 ug/ml



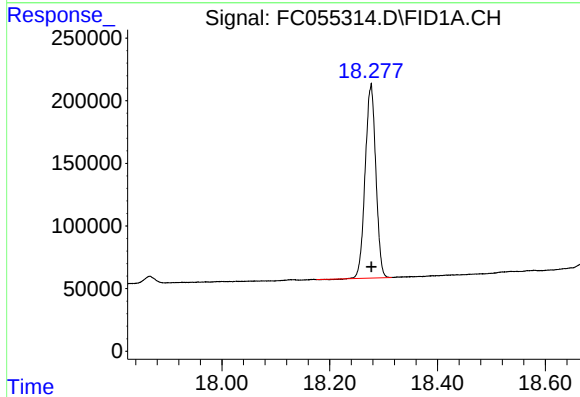
#17 n-Tricontane (C30)

R.T.: 17.446 min

Delta R.T.: 0.000 min

Response: 2173283

Conc: 20.81 ug/ml



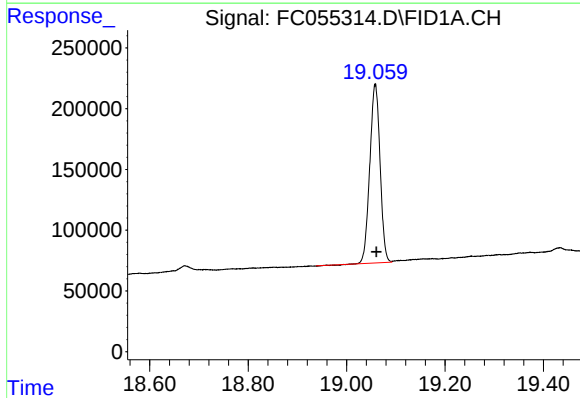
#18 n-Dotriacontane (C32)

R.T.: 18.276 min

Delta R.T.: -0.001 min

Response: 2112012

Conc: 21.33 ug/ml



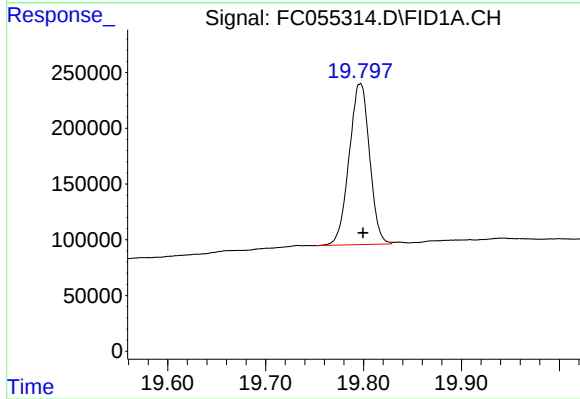
#19 n-Tetratriacontane (C34)

R.T.: 19.058 min

Delta R.T.: -0.003 min

Response: 2122420

Conc: 22.39 ug/ml



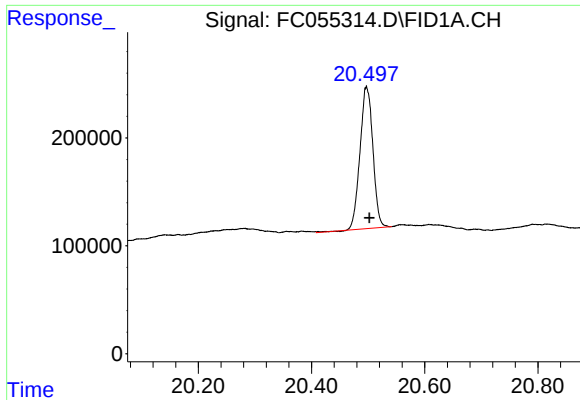
#20 n-Hexatriacontane (C36)

R.T.: 19.797 min

Delta R.T.: -0.003 min

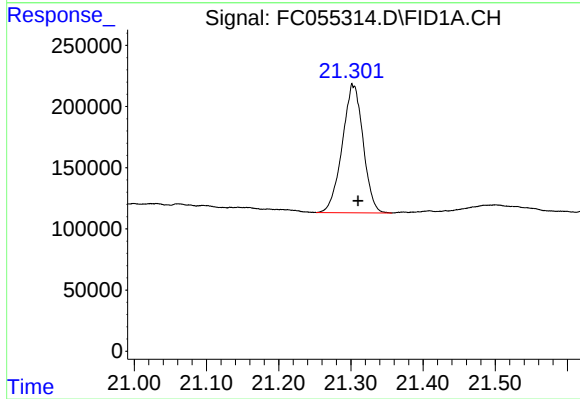
Response: 2096894

Conc: 23.20 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.498 min
Delta R.T.: -0.005 min
Response: 2081215
Conc: 24.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.301 min
Delta R.T.: -0.009 min
Response: 2109039
Conc: 23.68 ug/ml m