

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062222AL\
 Data File : FC060408.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jun 2022 22:43
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 22 23:38:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.650	2774730	17.830 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
12) S 1-chlorooctadecane (S...	12.020	2167573	17.482 ug/ml
Spiked Amount 50.000		Recovery =	34.96%
Target Compounds			
1) T n-Nonane (C9)	2.620	2522124	19.706 ug/ml
2) T n-Decane (C10)	3.621	2552915	19.955 ug/ml
3) T A~Naphthalene (C11.7)	5.164	2579629	17.847 ug/ml
4) T n-Dodecane (C12)	5.576	2689716	20.177 ug/ml
5) T A~2-methylnaphthalene...	6.190	2600686	17.720 ug/ml
6) T n-Tetradecane (C14)	7.330	2710309	19.854 ug/ml
7) T n-Hexadecane (C16)	8.894	2704094	19.273 ug/ml
8) T n-Octadecane (C18)	10.304	2667072	18.637 ug/ml
10) T n-Eicosane (C20)	11.584	2559540	17.940 ug/ml
11) T n-Heneicosane (C21)	12.183	2520353	17.583 ug/ml
13) T n-Docosane (C22)	12.756	2476548	17.379 ug/ml
14) T n-Tetracosane (C24)	13.835	2393025	17.053 ug/ml
15) T n-Hexacosane (C26)	14.833	2351500	17.365 ug/ml
16) T n-Octacosane (C28)	15.763	2374170	18.230 ug/ml
17) T n-Tricontane (C30)	16.632	2451371	20.023 ug/ml
18) T n-Dotriacontane (C32)	17.445	2425923	21.758 ug/ml
19) T n-Tetratriacontane (C34)	18.213	2282279	22.376 ug/ml
20) T n-Hexatriacontane (C36)	18.936	2183186	23.054 ug/mlm
21) T n-Octatriacontane (C38)	19.619	2234930	24.224 ug/mlm
22) T n-Tetracontane (C40)	20.266	1962689	20.861 ug/mlm

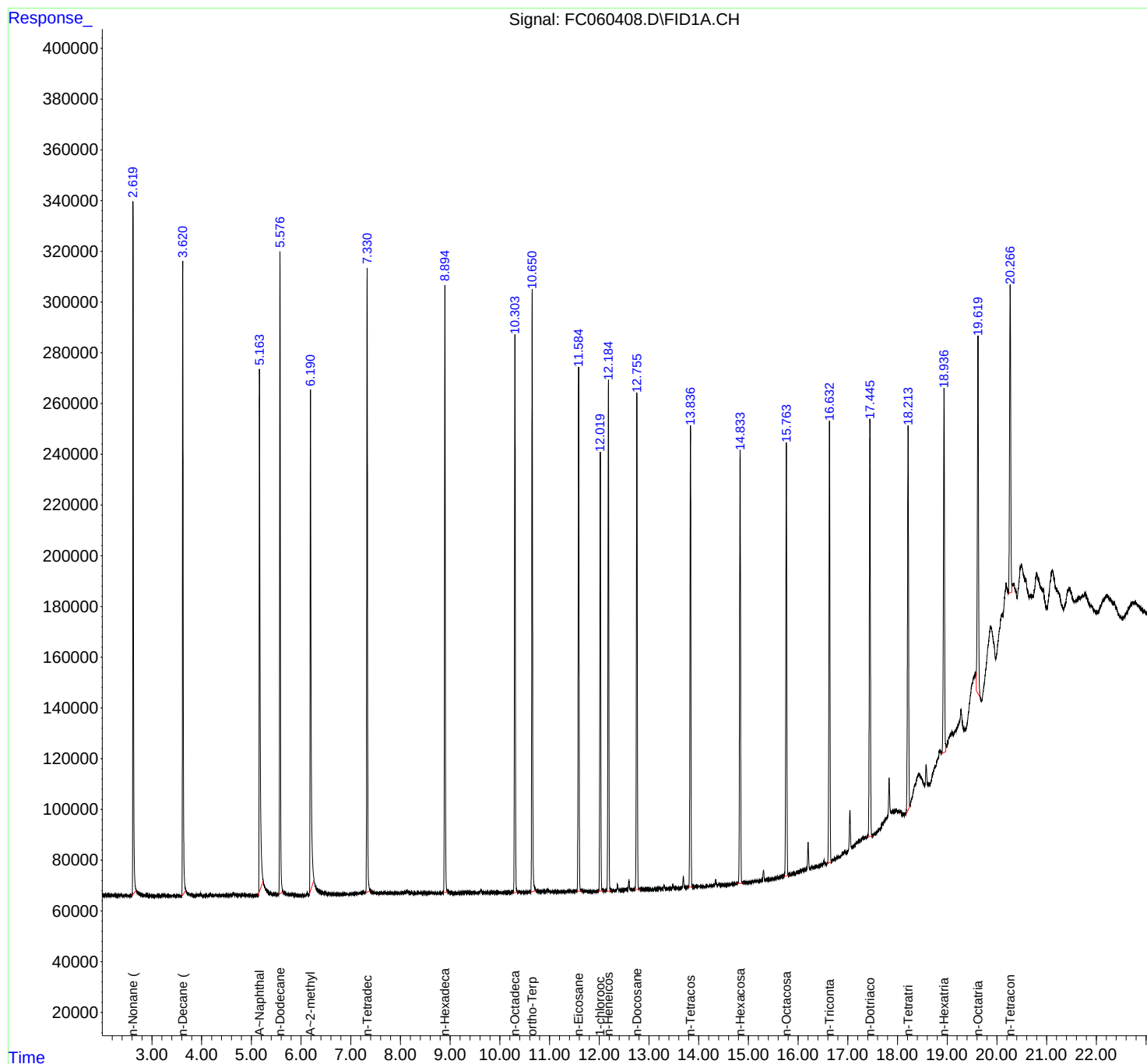
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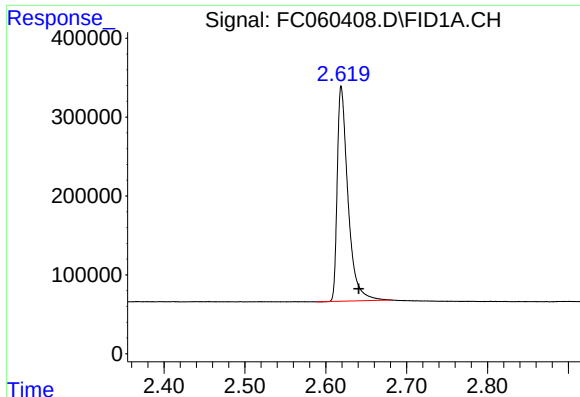
(m)=manual int.

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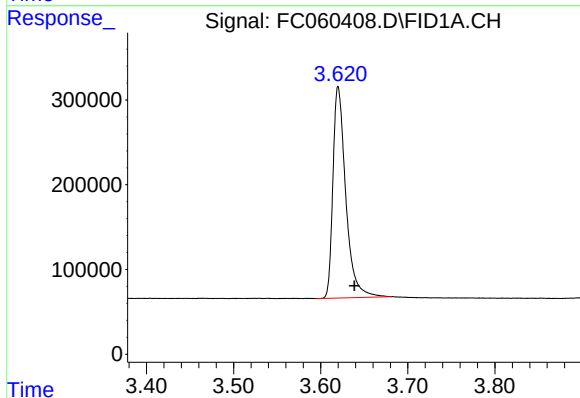
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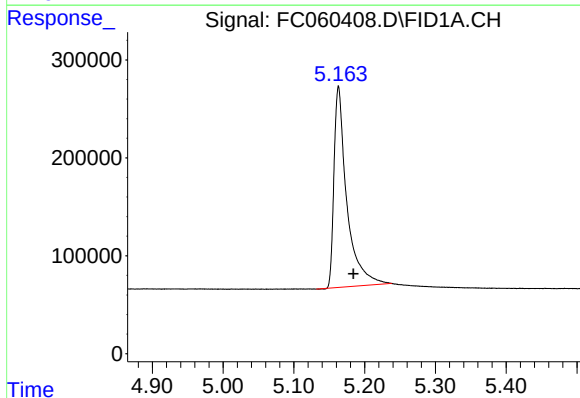
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: -0.021 min
Response: 2522124
Conc: 19.71 ug/ml



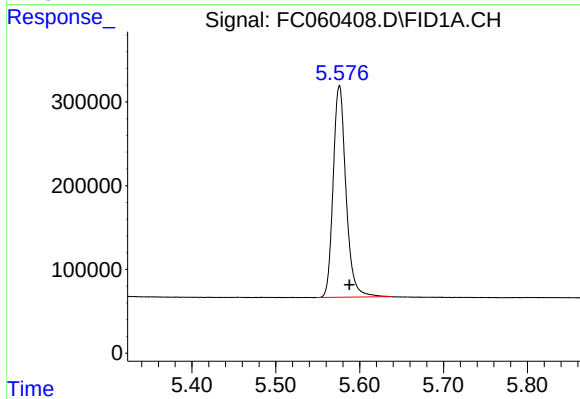
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.018 min
Response: 2552915
Conc: 19.96 ug/ml



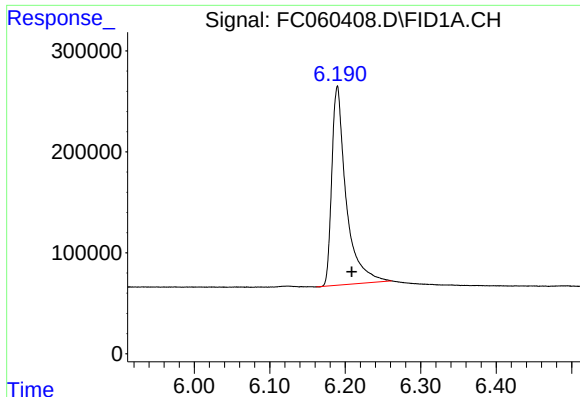
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.020 min
Response: 2579629
Conc: 17.85 ug/ml



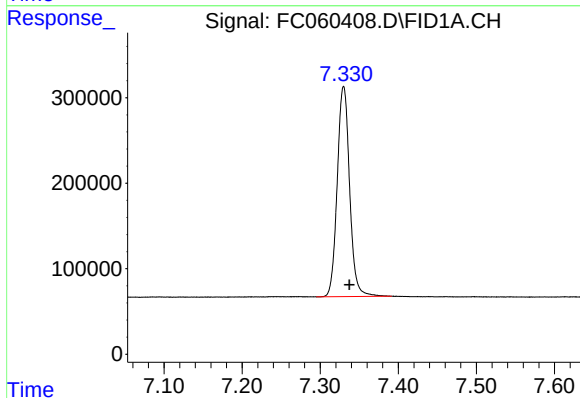
#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 2689716
Conc: 20.18 ug/ml



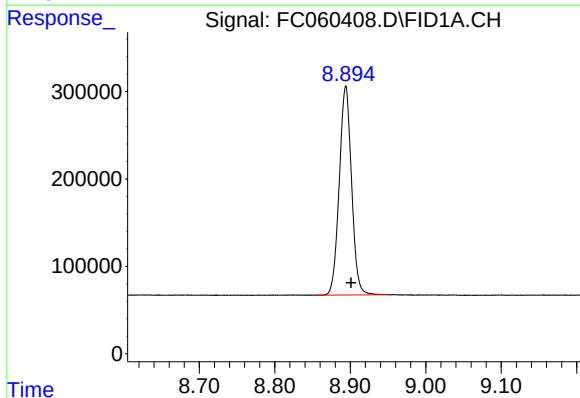
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.190 min
Delta R.T.: -0.019 min
Response: 2600686
Conc: 17.72 ug/ml



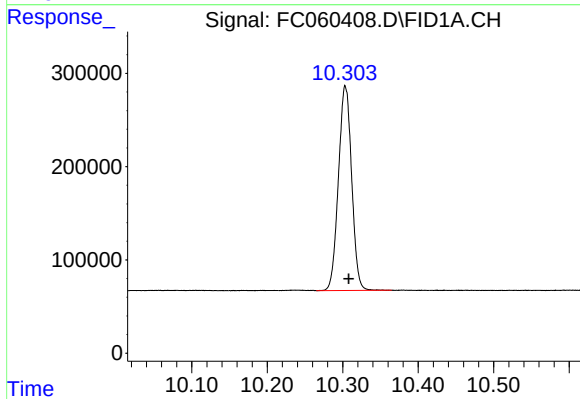
#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 2710309
Conc: 19.85 ug/ml



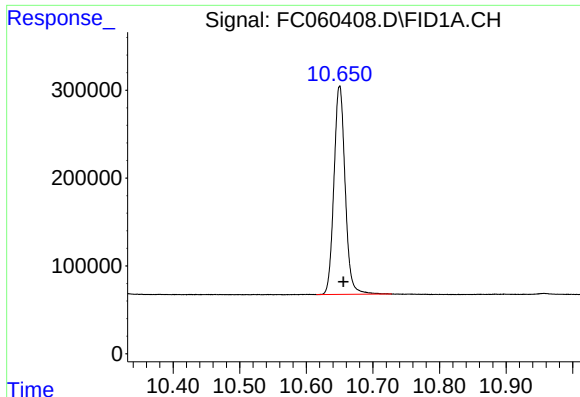
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.007 min
Response: 2704094
Conc: 19.27 ug/ml



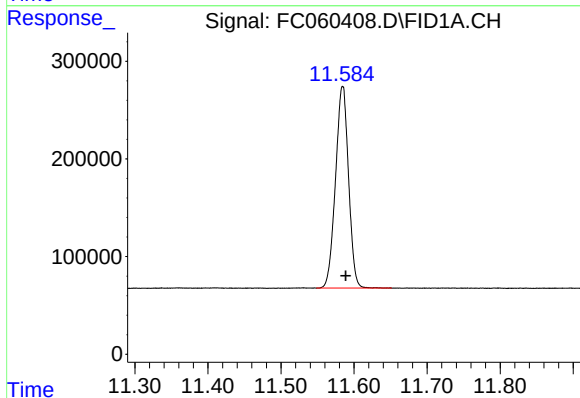
#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.005 min
Response: 2667072
Conc: 18.64 ug/ml



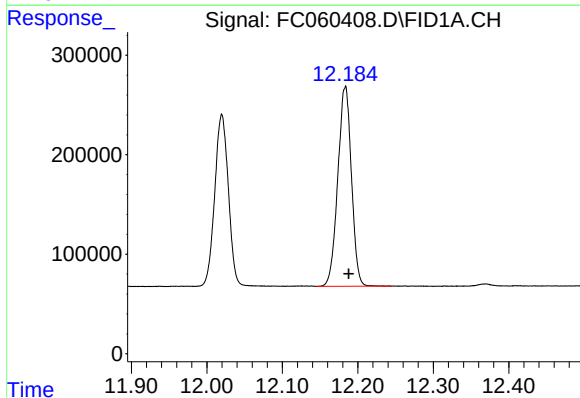
#9 ortho-Terphenyl (SURR)

R.T.: 10.650 min
Delta R.T.: -0.006 min
Response: 2774730
Conc: 17.83 ug/ml



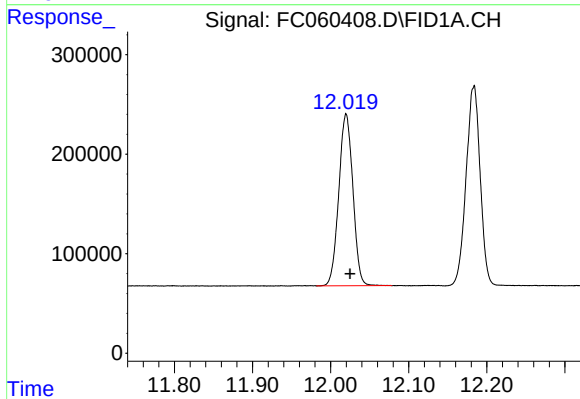
#10 n-Eicosane (C20)

R.T.: 11.584 min
Delta R.T.: -0.005 min
Response: 2559540
Conc: 17.94 ug/ml



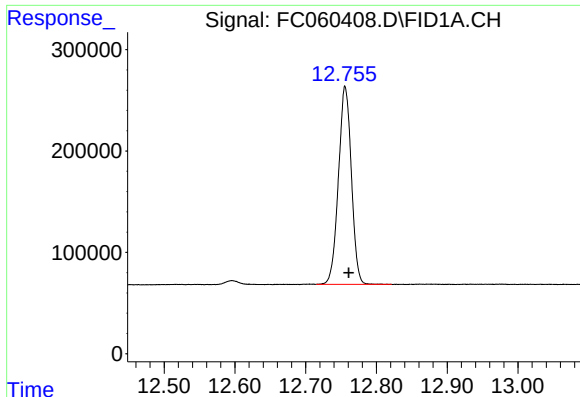
#11 n-Heneicosane (C21)

R.T.: 12.183 min
Delta R.T.: -0.004 min
Response: 2520353
Conc: 17.58 ug/ml



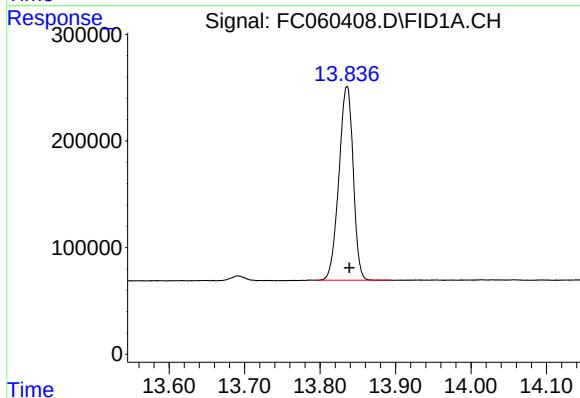
#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.005 min
Response: 2167573
Conc: 17.48 ug/ml



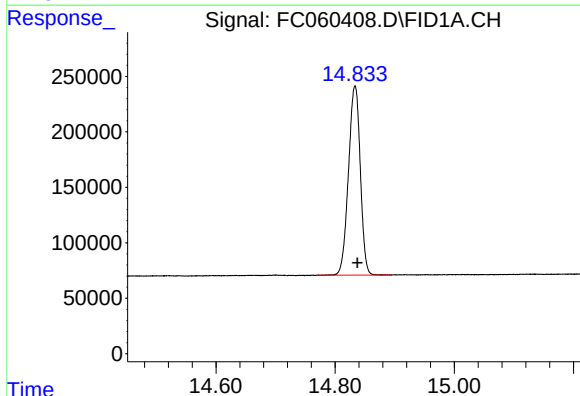
#13 n-Docosane (C22)

R.T.: 12.756 min
Delta R.T.: -0.005 min
Response: 2476548
Conc: 17.38 ug/ml



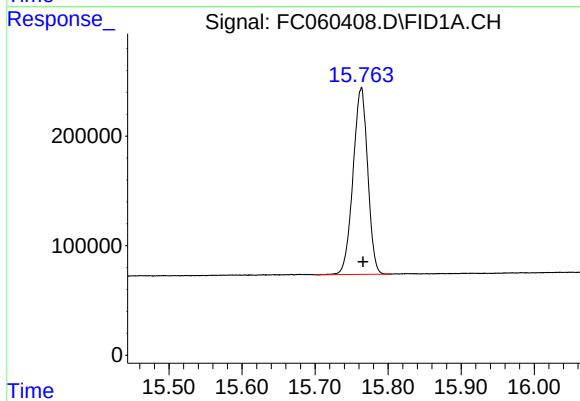
#14 n-Tetracosane (C24)

R.T.: 13.835 min
Delta R.T.: -0.004 min
Response: 2393025
Conc: 17.05 ug/ml



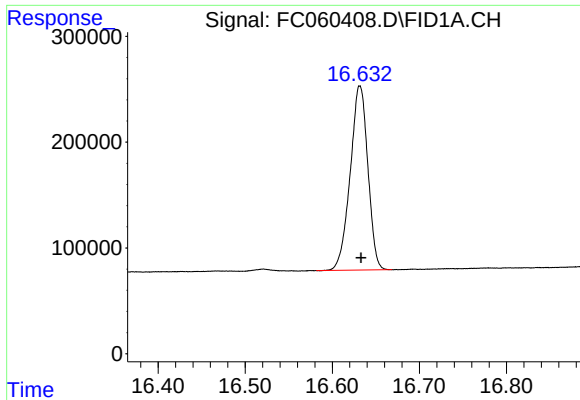
#15 n-Hexacosane (C26)

R.T.: 14.833 min
Delta R.T.: -0.004 min
Response: 2351500
Conc: 17.37 ug/ml



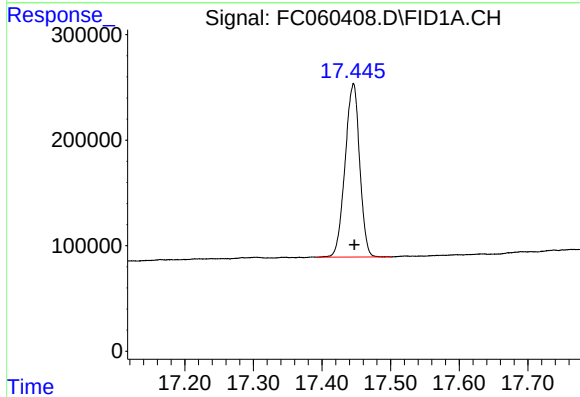
#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: -0.003 min
Response: 2374170
Conc: 18.23 ug/ml



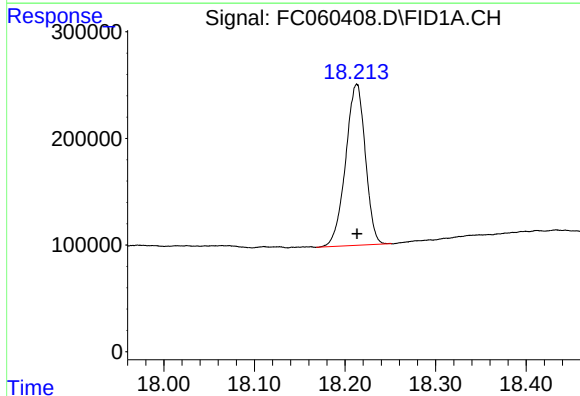
#17 n-Tricontane (C30)

R.T.: 16.632 min
Delta R.T.: -0.001 min
Response: 2451371
Conc: 20.02 ug/ml



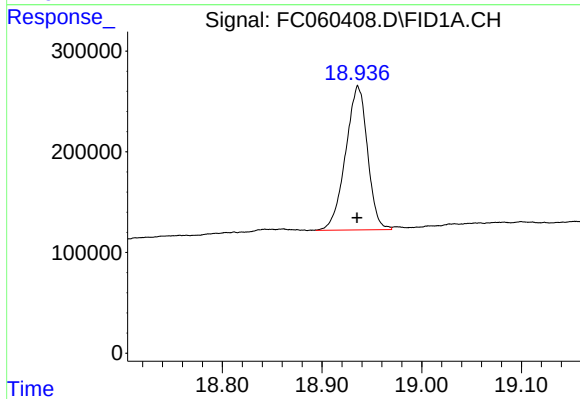
#18 n-Dotriacontane (C32)

R.T.: 17.445 min
Delta R.T.: -0.002 min
Response: 2425923
Conc: 21.76 ug/ml



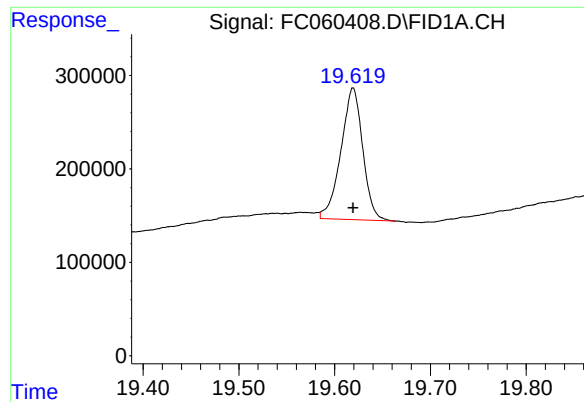
#19 n-Tetratriacontane (C34)

R.T.: 18.213 min
Delta R.T.: 0.000 min
Response: 2282279
Conc: 22.38 ug/ml



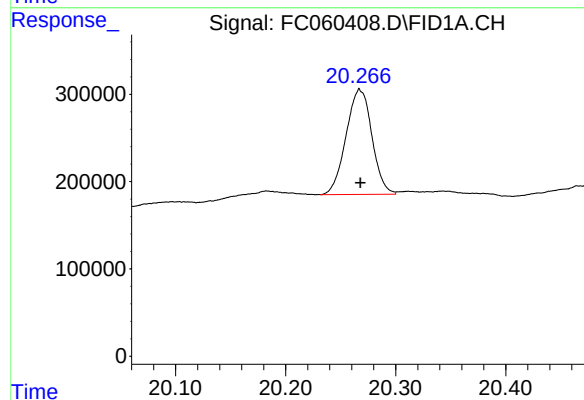
#20 n-Hexatriacontane (C36)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 2183186
Conc: 23.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 2234930
Conc: 24.22 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.266 min
Delta R.T.: -0.002 min
Response: 1962689
Conc: 20.86 ug/ml m