

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042722AL\
 Data File : FC059477.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2022 17:02
 Operator : UA/NP
 Sample : PB144387BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144387BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 04:52:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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			
12) S 1-chlorooctadecane (S...	12.543	5905618	45.225 ug/ml
Spiked Amount 50.000		Recovery =	90.45%
Target Compounds			
1) T n-Nonane (C9)	2.960	2841937	22.676 ug/ml
2) T n-Decane (C10)	4.000	3561809	28.510 ug/ml
4) T n-Dodecane (C12)	5.997	4267823	32.364 ug/ml
6) T n-Tetradecane (C14)	7.779	4739587	35.040 ug/ml
7) T n-Hexadecane (C16)	9.370	5392736	38.398 ug/ml
8) T n-Octadecane (C18)	10.803	5937332	40.645 ug/ml
10) T n-Eicosane (C20)	12.105	5866841	39.120 ug/ml
11) T n-Heneicosane (C21)	12.714	5864731	38.556 ug/ml
13) T n-Docosane (C22)	13.298	5767138	37.639 ug/ml
14) T n-Tetracosane (C24)	14.395	5584628	36.067 ug/ml
15) T n-Hexacosane (C26)	15.410	5283440	34.282 ug/ml
16) T n-Octacosane (C28)	16.355	4970253	32.107 ug/ml
17) T n-Tricontane (C30)	17.239	4668953	30.739 ug/ml
18) T n-Dotriacontane (C32)	18.069	4566689	32.411 ug/ml
19) T n-Tetratriacontane (C34)	18.849	4198133	33.216 ug/ml
20) T n-Hexatriacontane (C36)	19.587	4078241	37.286 ug/ml
21) T n-Octatriacontane (C38)	20.285	4001929	42.971 ug/mlm
22) T n-Tetracontane (C40)	21.026	3941528	47.188 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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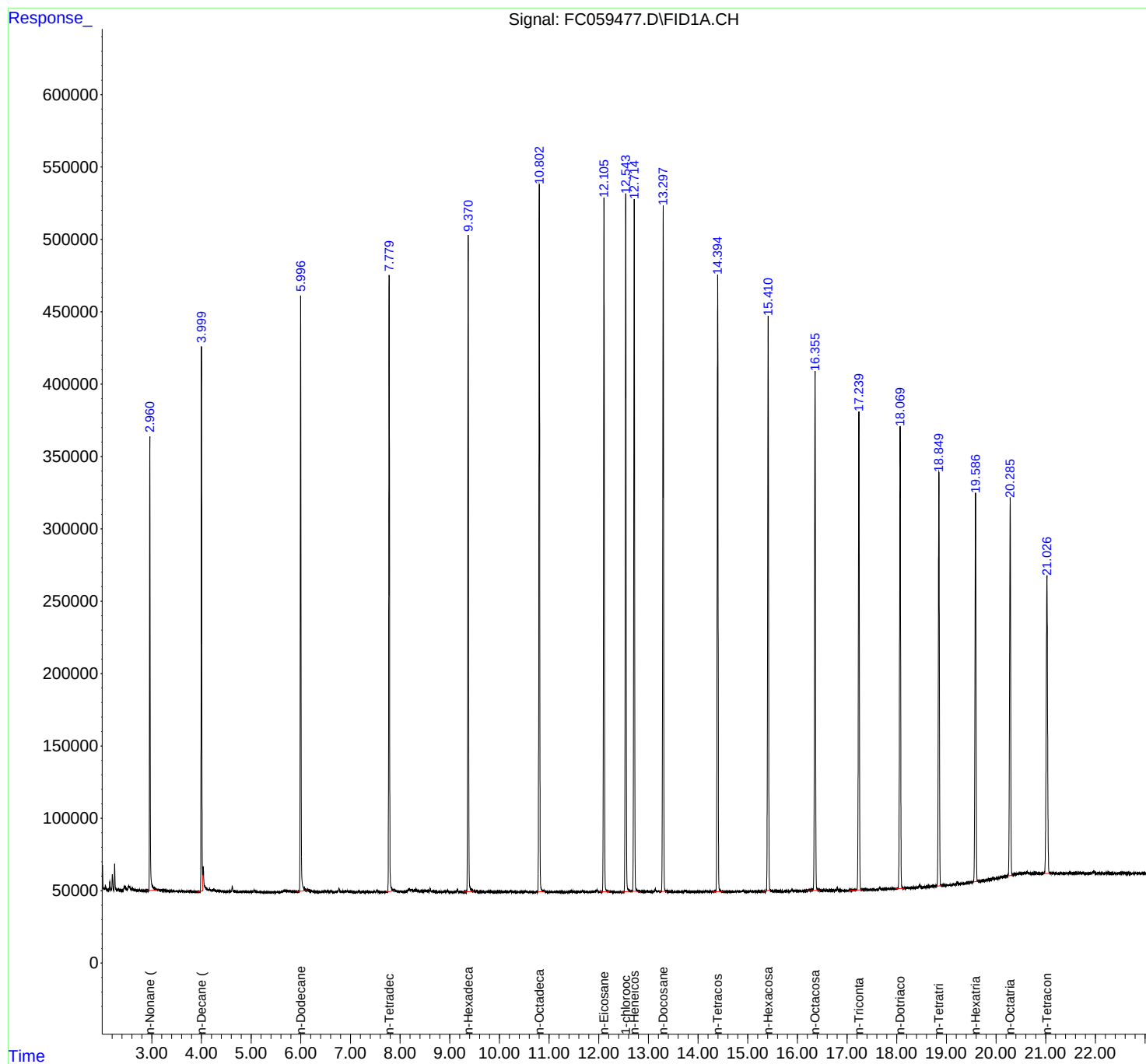
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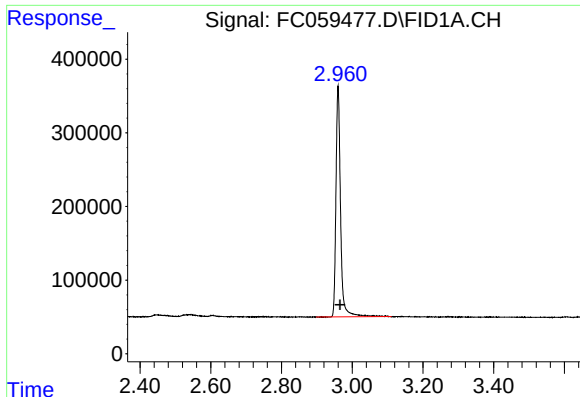
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.006 min
Response: 2841937
Conc: 22.68 ug/ml

Instrument :

FID_C

ClientSampleId :

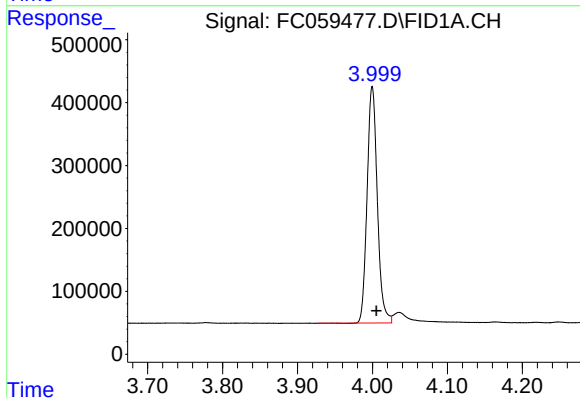
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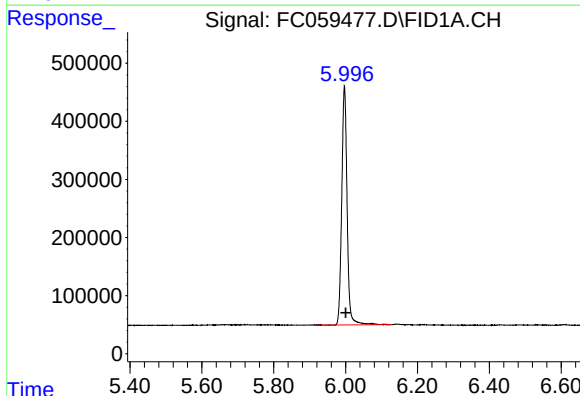
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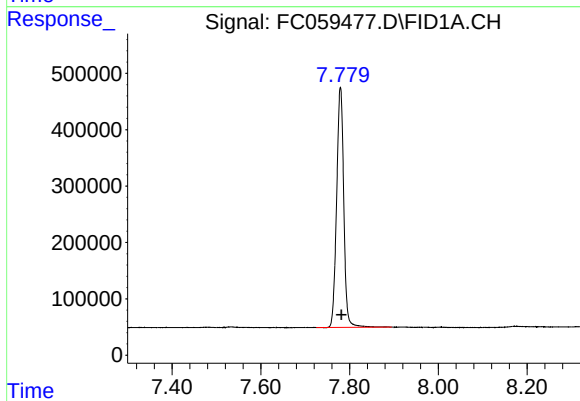
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.005 min
Response: 3561809
Conc: 28.51 ug/ml



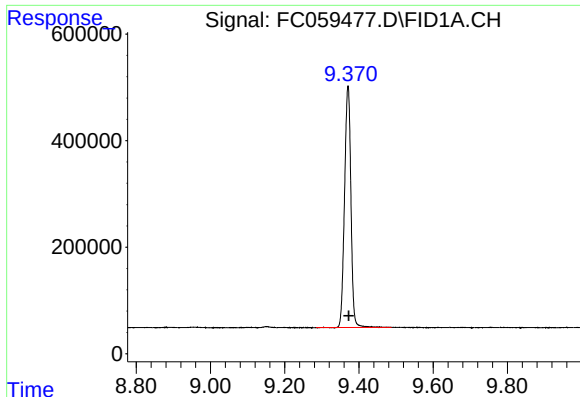
#4 n-Dodecane (C12)

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 4267823
Conc: 32.36 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.779 min
Delta R.T.: -0.002 min
Response: 4739587
Conc: 35.04 ug/ml



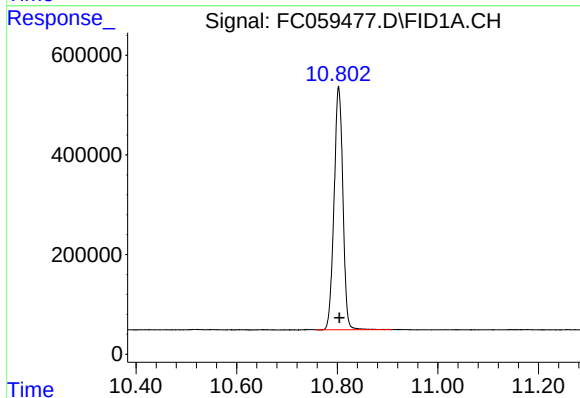
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 5392736
Conc: 38.40 ug/ml

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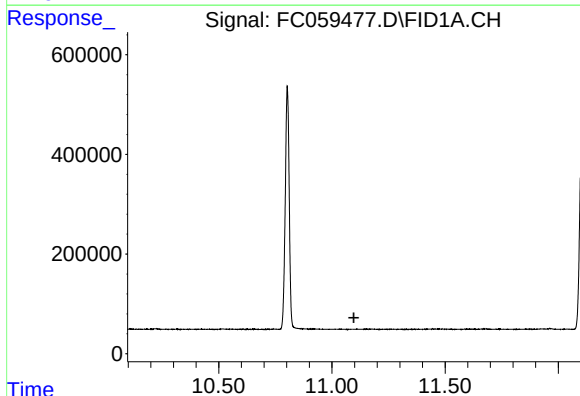
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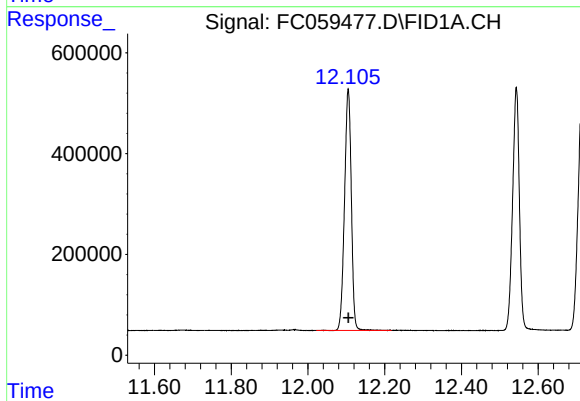
#8 n-Octadecane (C18)

R.T.: 10.803 min
Delta R.T.: -0.002 min
Response: 5937332
Conc: 40.65 ug/ml



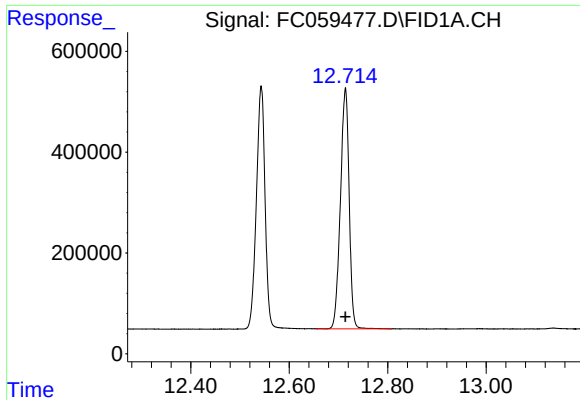
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.097 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.105 min
Delta R.T.: 0.000 min
Response: 5866841
Conc: 39.12 ug/ml



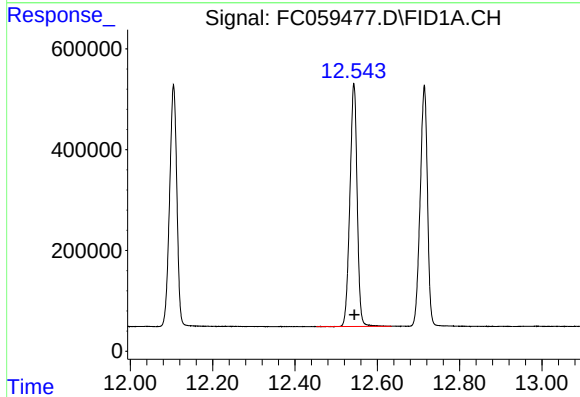
#11 n-Heneicosane (C21)

R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 5864731
Conc: 38.56 ug/ml

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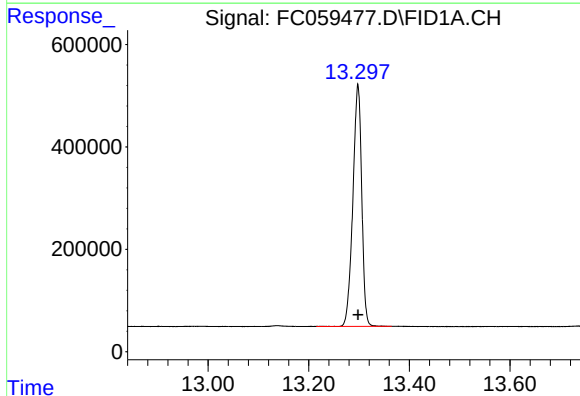
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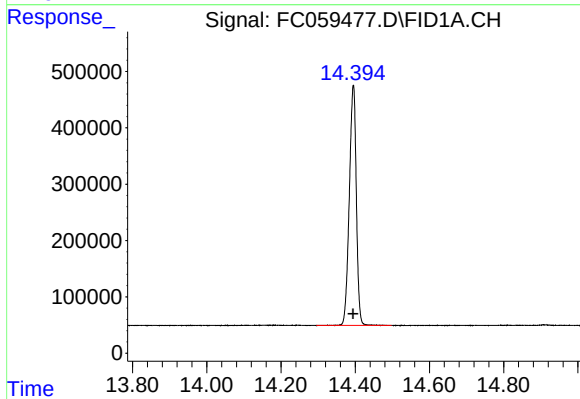
#12 1-chlorooctadecane (SURR)

R.T.: 12.543 min
Delta R.T.: -0.001 min
Response: 5905618
Conc: 45.22 ug/ml



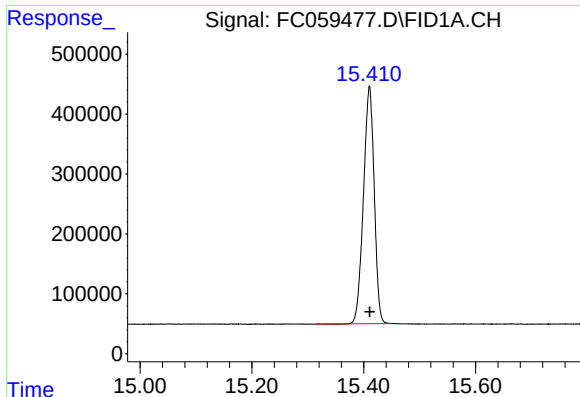
#13 n-Docosane (C22)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 5767138
Conc: 37.64 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: 0.000 min
Response: 5584628
Conc: 36.07 ug/ml



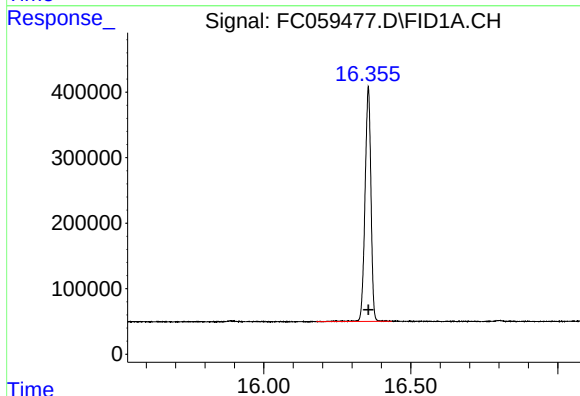
#15 n-Hexacosane (C26)

R.T.: 15.410 min
Delta R.T.: 0.000 min
Response: 5283440
Conc: 34.28 ug/ml

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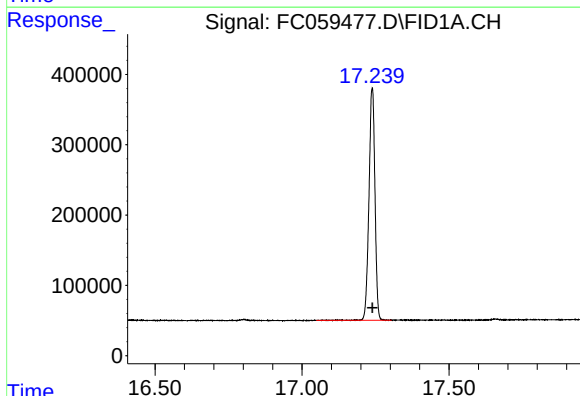
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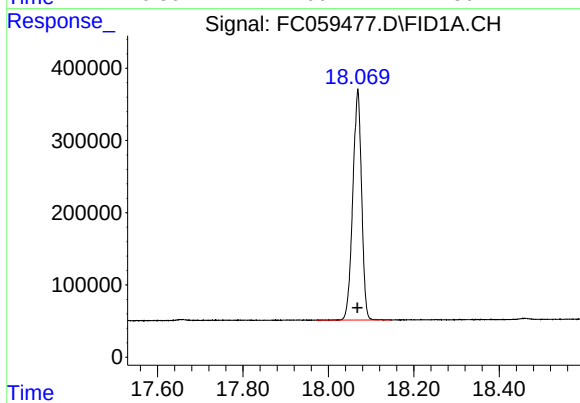
#16 n-Octacosane (C28)

R.T.: 16.355 min
Delta R.T.: 0.000 min
Response: 4970253
Conc: 32.11 ug/ml



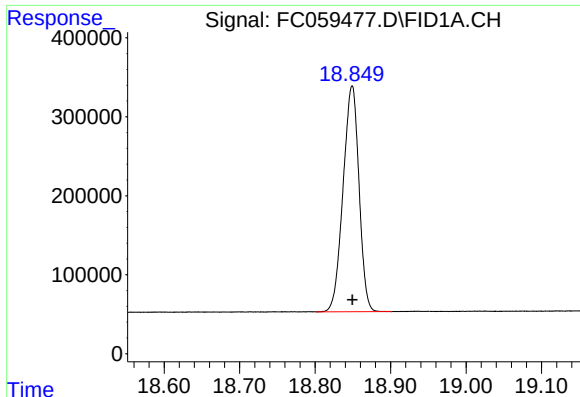
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 4668953
Conc: 30.74 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 4566689
Conc: 32.41 ug/ml



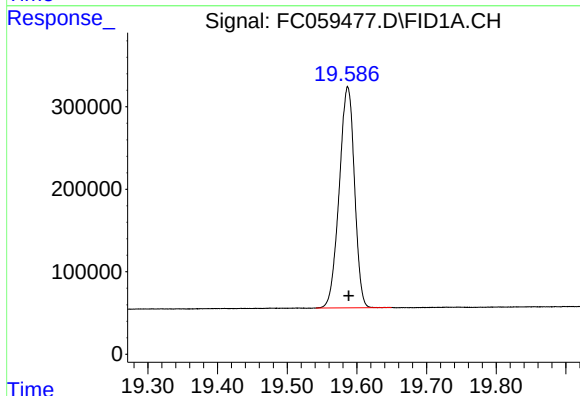
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: 0.000 min
Response: 4198133
Conc: 33.22 ug/ml

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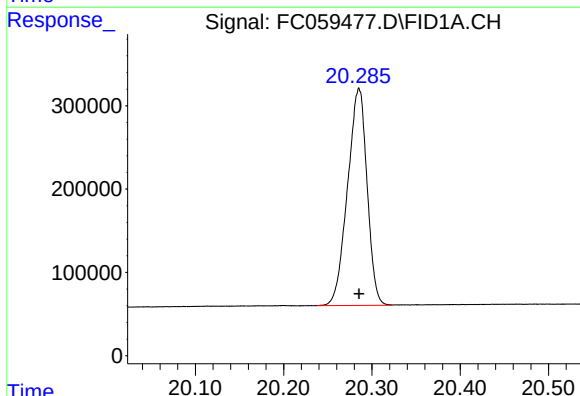
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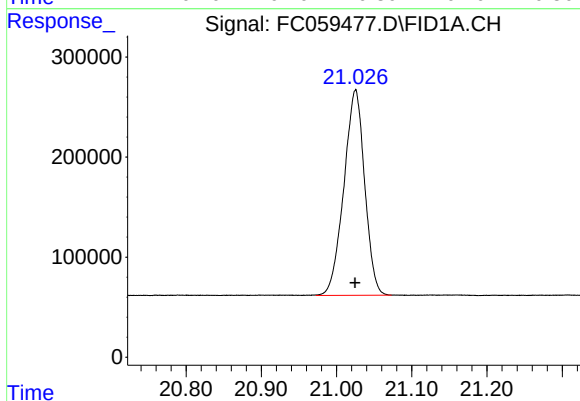
#20 n-Hexatriacontane (C36)

R.T.: 19.587 min
Delta R.T.: -0.002 min
Response: 4078241
Conc: 37.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.285 min
Delta R.T.: 0.000 min
Response: 4001929
Conc: 42.97 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.026 min
Delta R.T.: 0.000 min
Response: 3941528
Conc: 47.19 ug/ml m