

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021722AL\
 Data File : FC058370.D
 Signal(s) : FID1A.CH
 Acq On : 17 Feb 2022 16:31
 Operator : YP\AJ
 Sample : N1556-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NE-SURFICIAL-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2022
 Supervised By :Ankita Jodhani 02/18/2022

Integration File: autoint1.e
 Quant Time: Feb 18 01:26:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021522.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 02:18:53 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...	12.826	39903447	38.128 ug/mlm
Spiked Amount 50.000		Recovery =	76.26%
Target Compounds			
1) T n-Nonane (C9)	3.369	26485095	22.387 ug/ml
2) T n-Decane (C10)	4.331	37854527	31.666 ug/ml
4) T n-Dodecane (C12)	6.280	44661012	35.900 ug/ml
6) T n-Tetradecane (C14)	8.057	47640027	38.270 ug/ml
7) T n-Hexadecane (C16)	9.650	53503734	42.652 ug/ml
8) T n-Octadecane (C18)	11.086	56759289	44.977 ug/ml
10) T n-Eicosane (C20)	12.390	57866431	46.456 ug/ml
11) T n-Heneicosane (C21)	13.001	60300813	48.472 ug/ml
13) T n-Docosane (C22)	13.587	64555613	52.250 ug/ml
14) T n-Tetracosane (C24)	14.687	68069933	55.967 ug/ml
15) T n-Hexacosane (C26)	15.704	67296315	56.911 ug/ml
16) T n-Octacosane (C28)	16.651	62907133	55.016 ug/ml
17) T n-Tricontane (C30)	17.532	53470235	49.168 ug/ml
18) T n-Dotriacontane (C32)	18.357	45466418	48.001 ug/ml
19) T n-Tetratriacontane (C34)	19.132	38872547	45.279 ug/mlm
20) T n-Hexatriacontane (C36)	19.866	30050250	42.924 ug/mlm
21) T n-Octatriacontane (C38)	20.568	22739890	40.622 ug/mlm
22) T n-Tetracontane (C40)	21.387	17189721	39.503 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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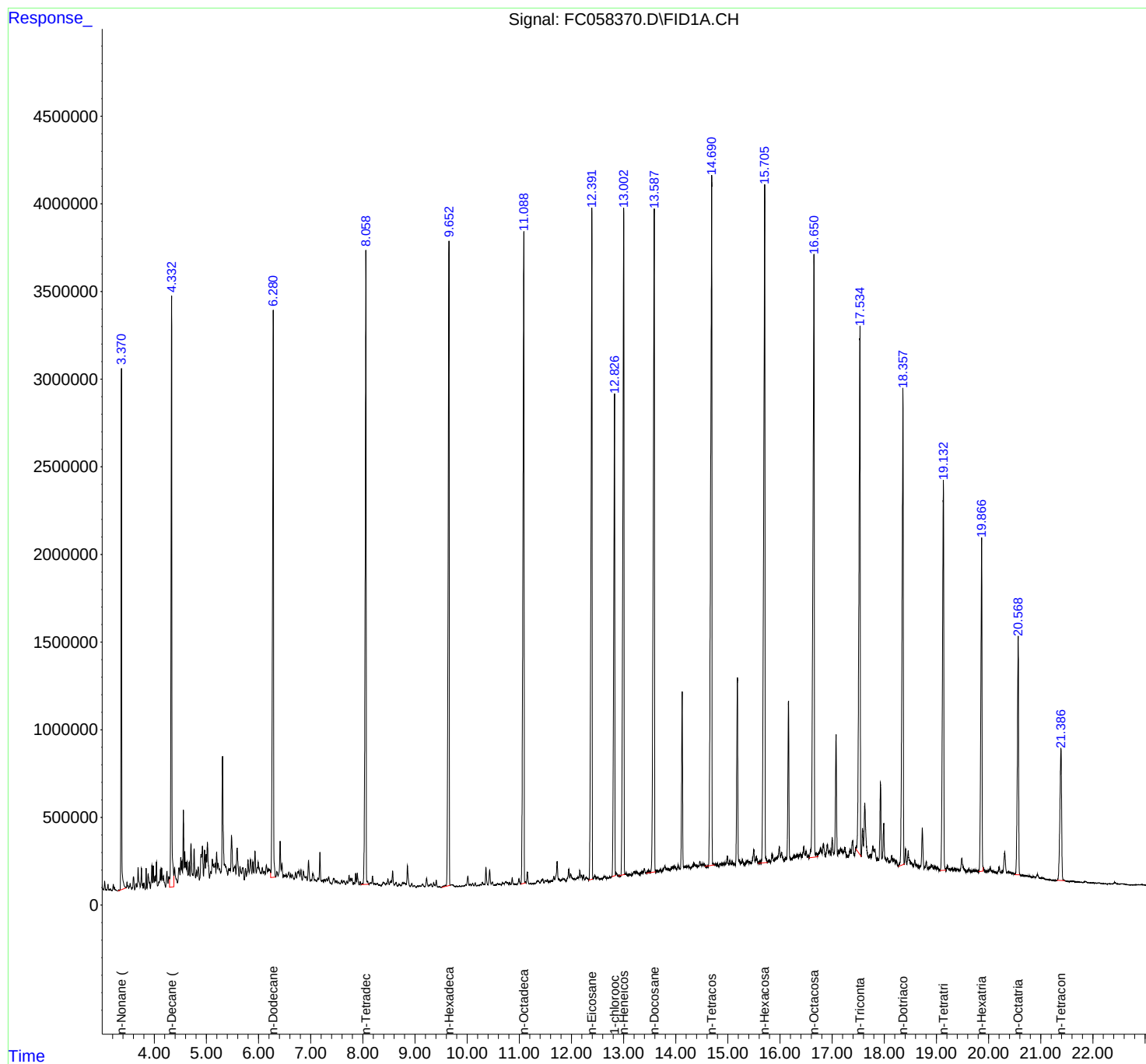
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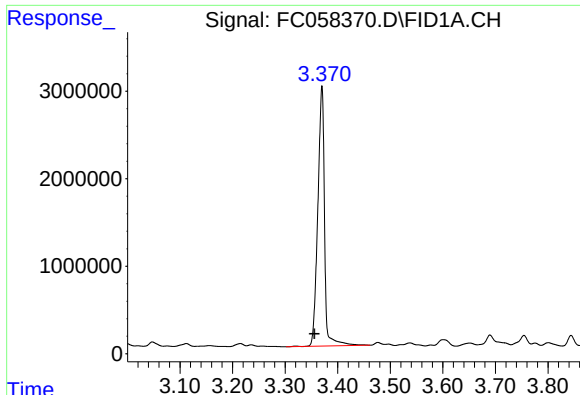
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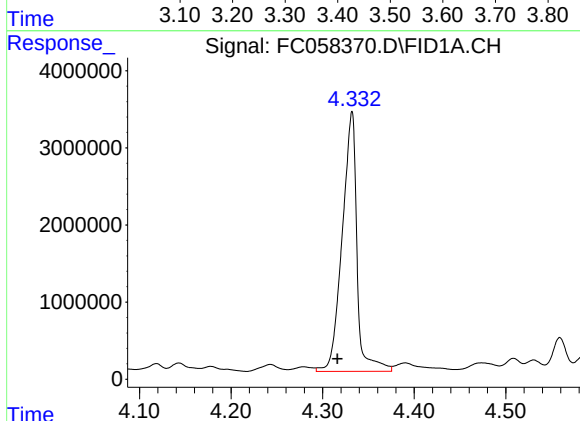
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: 0.013 min
Response: 26485095
Conc: 22.39 ug/ml

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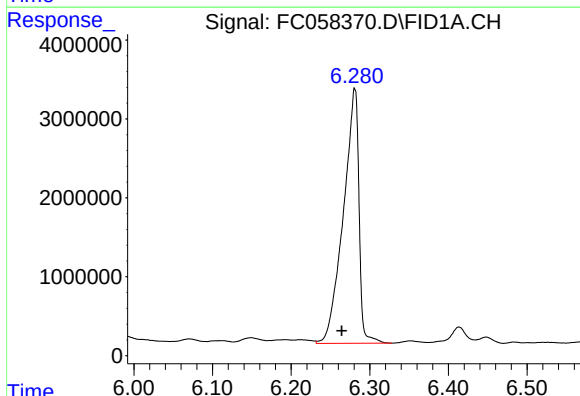
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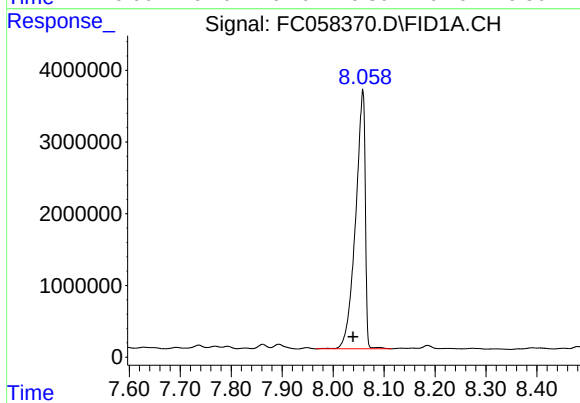
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: 0.015 min
Response: 37854527
Conc: 31.67 ug/ml



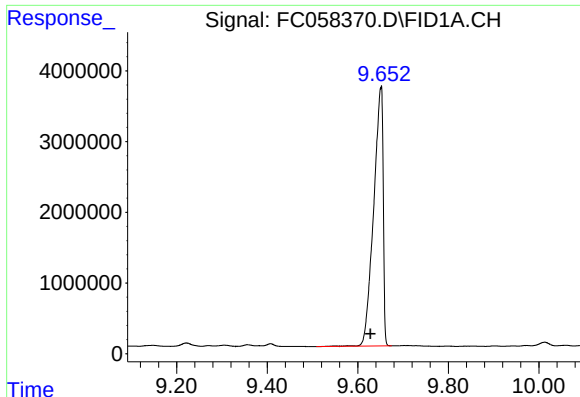
#4 n-Dodecane (C12)

R.T.: 6.280 min
Delta R.T.: 0.016 min
Response: 44661012
Conc: 35.90 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: 0.018 min
Response: 47640027
Conc: 38.27 ug/ml



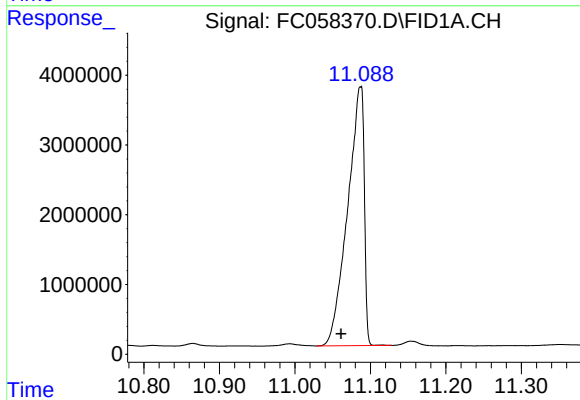
#7 n-Hexadecane (C16)

R.T.: 9.650 min
Delta R.T.: 0.022 min
Response: 53503734
Conc: 42.65 ug/ml

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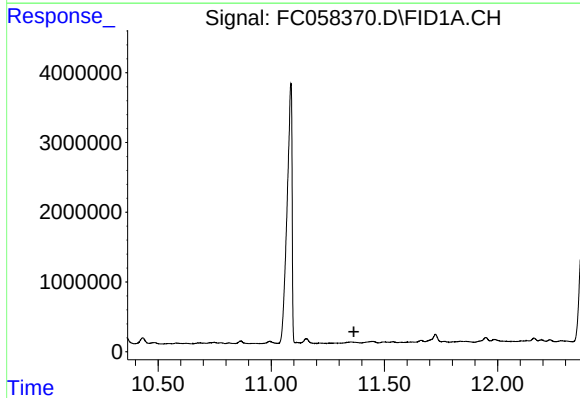
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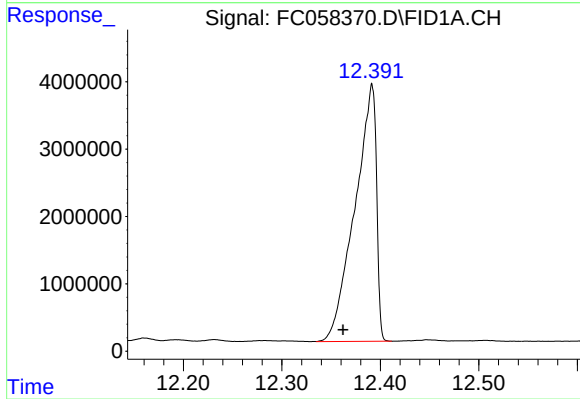
#8 n-Octadecane (C18)

R.T.: 11.086 min
Delta R.T.: 0.024 min
Response: 56759289
Conc: 44.98 ug/ml



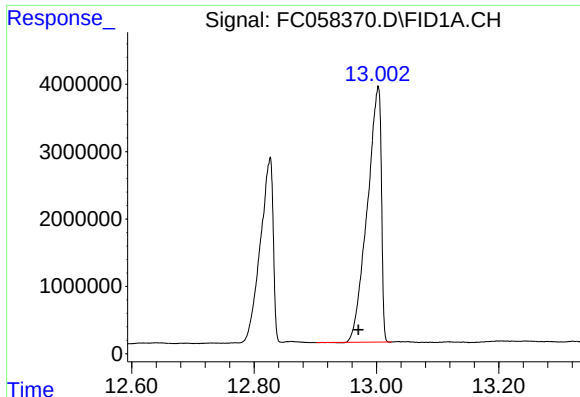
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.365 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.028 min
Response: 57866431
Conc: 46.46 ug/ml



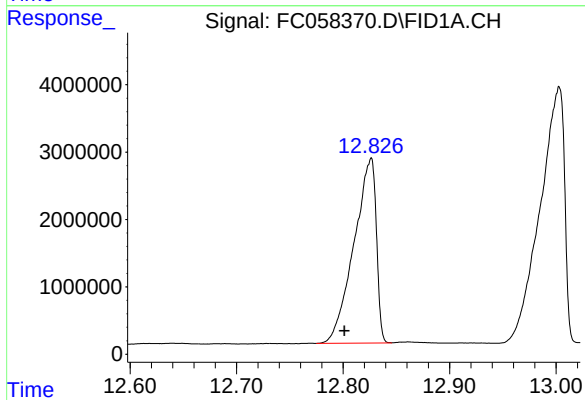
#11 n-Heneicosane (C21)

R.T.: 13.001 min
Delta R.T.: 0.031 min
Response: 60300813
Conc: 48.47 ug/ml

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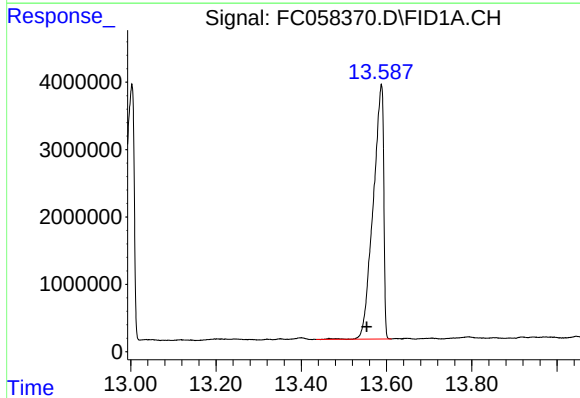
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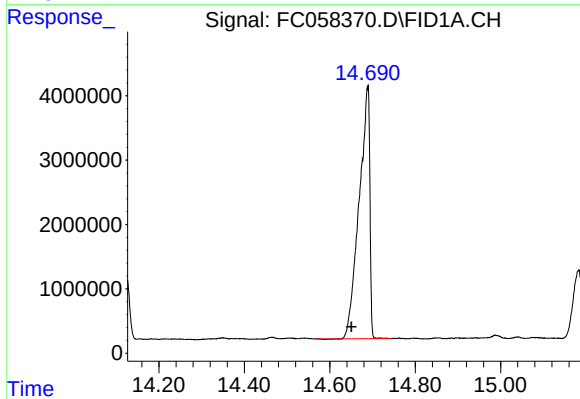
#12 1-chlorooctadecane (SURR)

R.T.: 12.826 min
Delta R.T.: 0.025 min
Response: 39903447
Conc: 38.13 ug/ml m



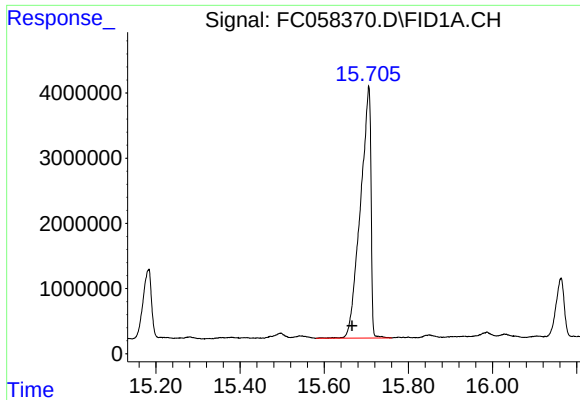
#13 n-Docosane (C22)

R.T.: 13.587 min
Delta R.T.: 0.033 min
Response: 64555613
Conc: 52.25 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.687 min
Delta R.T.: 0.037 min
Response: 68069933
Conc: 55.97 ug/ml



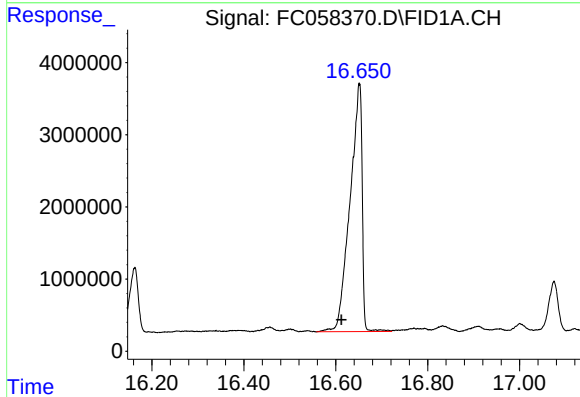
#15 n-Hexacosane (C26)

R.T.: 15.704 min
Delta R.T.: 0.038 min
Response: 67296315
Conc: 56.91 ug/ml

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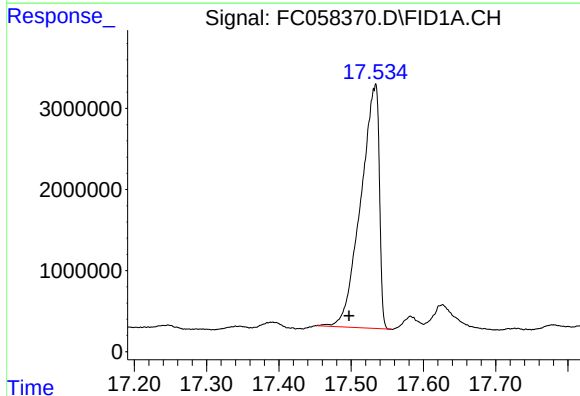
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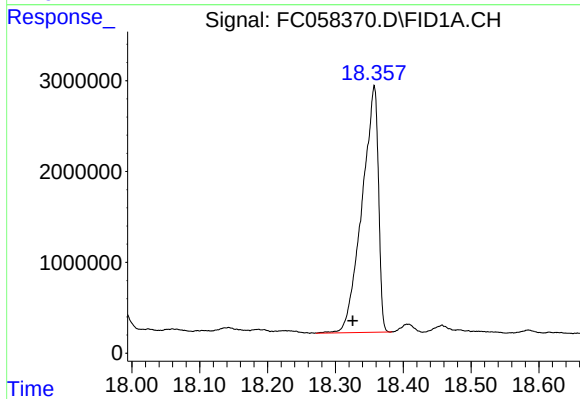
#16 n-Octacosane (C28)

R.T.: 16.651 min
Delta R.T.: 0.039 min
Response: 62907133
Conc: 55.02 ug/ml



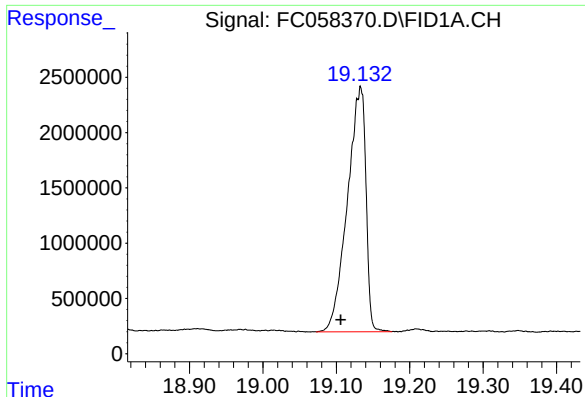
#17 n-Tricontane (C30)

R.T.: 17.532 min
Delta R.T.: 0.034 min
Response: 53470235
Conc: 49.17 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.357 min
Delta R.T.: 0.031 min
Response: 45466418
Conc: 48.00 ug/ml



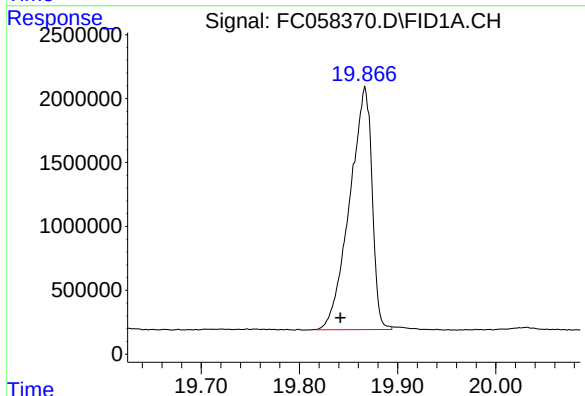
#19 n-Tetratriacontane (C34)

R.T.: 19.132 min
Delta R.T.: 0.026 min
Response: 38872547
Conc: 45.28 ug/ml

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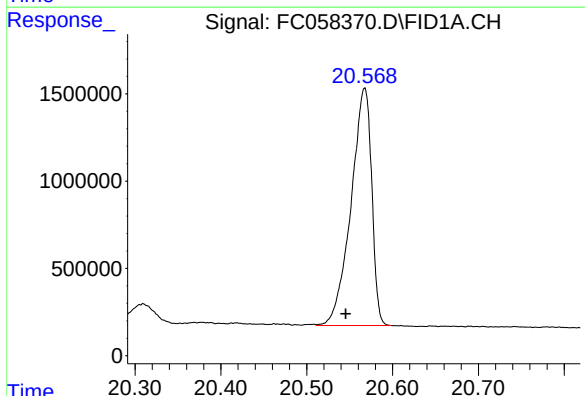
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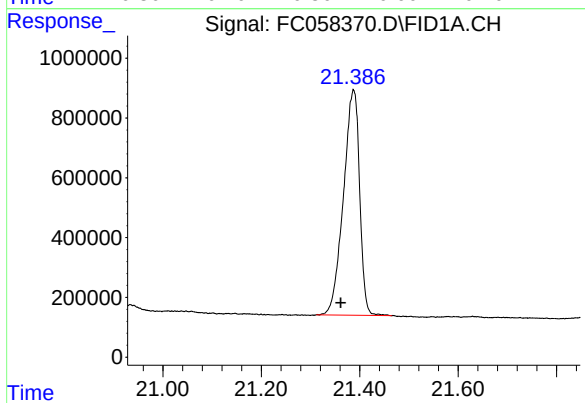
#20 n-Hexatriacontane (C36)

R.T.: 19.866 min
Delta R.T.: 0.025 min
Response: 30050250
Conc: 42.92 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.568 min
Delta R.T.: 0.022 min
Response: 22739890
Conc: 40.62 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: 0.026 min
Response: 17189721
Conc: 39.50 ug/ml