

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021722AL\
 Data File : FC058371.D
 Signal(s) : FID1A.CH
 Acq On : 17 Feb 2022 17:15
 Operator : YP\AJ
 Sample : N1556-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NE-SURFICIAL-SOILMSD

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 01:27:11 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...	12.827	40578656	38.773 ug/mlm
Spiked Amount 50.000		Recovery =	77.55%
Target Compounds			
1) T n-Nonane (C9)	3.366	26912581	22.749 ug/ml
2) T n-Decane (C10)	4.330	37084660	31.022 ug/ml
4) T n-Dodecane (C12)	6.280	43737806	35.158 ug/ml
6) T n-Tetradecane (C14)	8.058	46899050	37.675 ug/ml
7) T n-Hexadecane (C16)	9.650	52801271	42.092 ug/ml
8) T n-Octadecane (C18)	11.087	56017003	44.388 ug/ml
10) T n-Eicosane (C20)	12.390	57138134	45.871 ug/ml
11) T n-Heneicosane (C21)	13.003	60013041	48.241 ug/ml
13) T n-Docosane (C22)	13.587	63779184	51.621 ug/ml
14) T n-Tetracosane (C24)	14.688	67914423	55.840 ug/ml
15) T n-Hexacosane (C26)	15.705	66631494	56.349 ug/ml
16) T n-Octacosane (C28)	16.651	61759525	54.012 ug/ml
17) T n-Tricontane (C30)	17.532	53506224	49.201 ug/ml
18) T n-Dotriacontane (C32)	18.356	45601386	48.143 ug/ml
19) T n-Tetratriacontane (C34)	19.135	38973410	45.396 ug/ml
20) T n-Hexatriacontane (C36)	19.868	30524866	43.602 ug/mlm
21) T n-Octatriacontane (C38)	20.570	23050430	41.176 ug/mlm
22) T n-Tetracontane (C40)	21.387	17509898	40.239 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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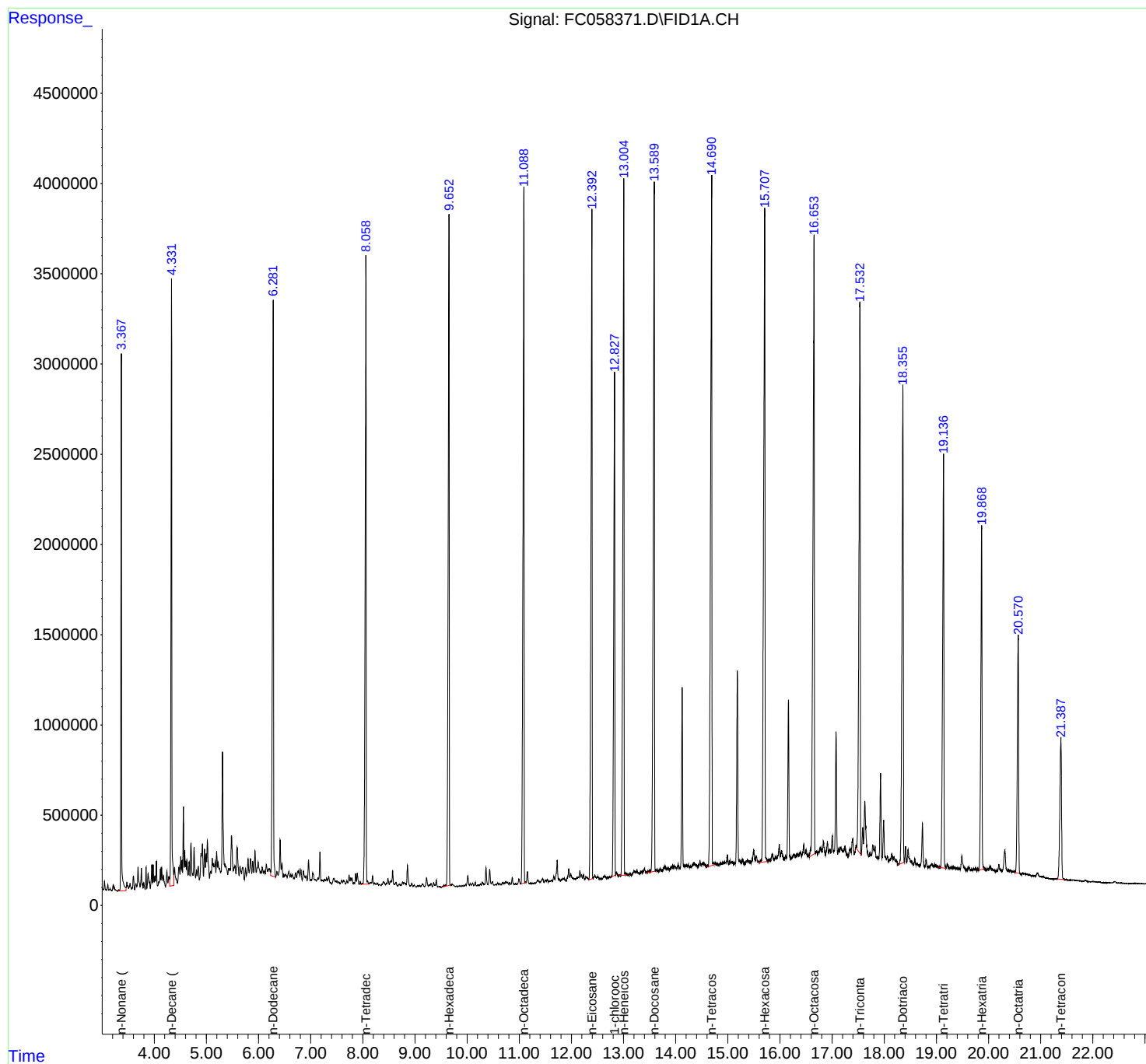
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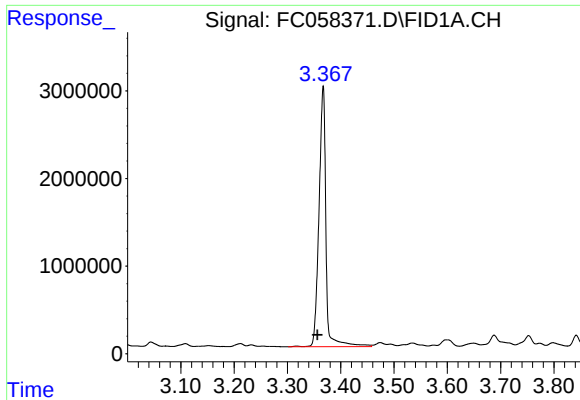
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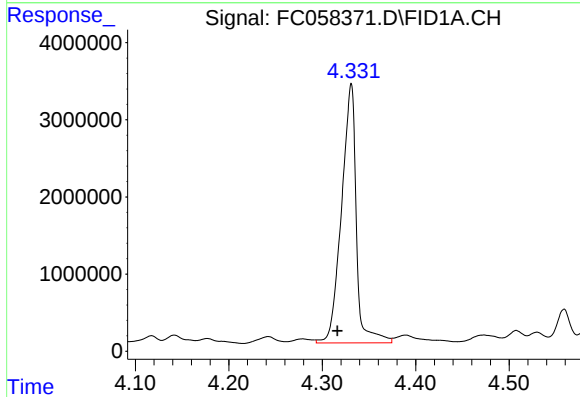
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.010 min
Response: 26912581
Conc: 22.75 ug/ml

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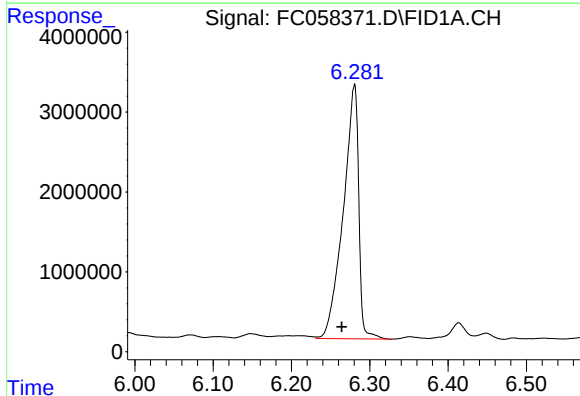
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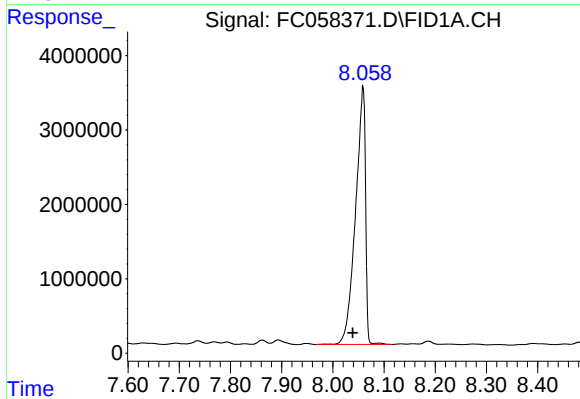
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: 0.014 min
Response: 37084660
Conc: 31.02 ug/ml



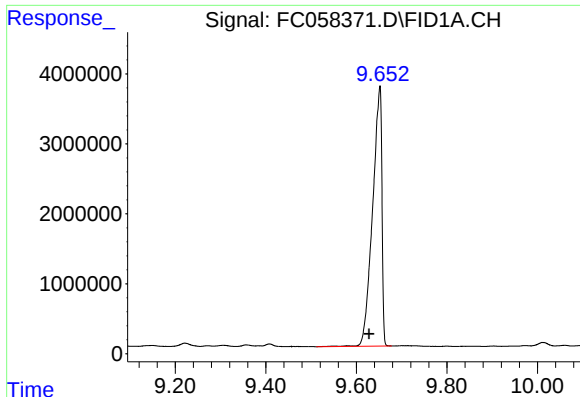
#4 n-Dodecane (C12)

R.T.: 6.280 min
Delta R.T.: 0.015 min
Response: 43737806
Conc: 35.16 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.058 min
Delta R.T.: 0.019 min
Response: 46899050
Conc: 37.68 ug/ml



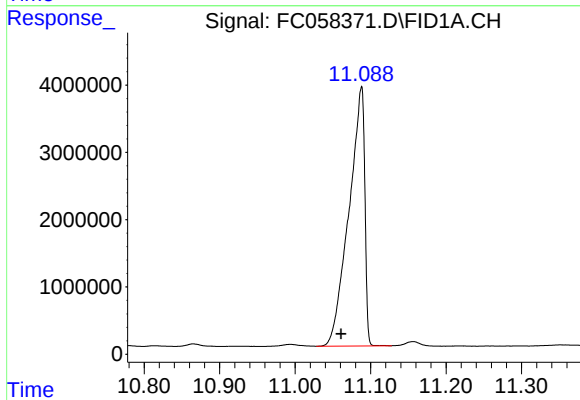
#7 n-Hexadecane (C16)

R.T.: 9.650 min
Delta R.T.: 0.022 min
Response: 52801271
Conc: 42.09 ug/ml

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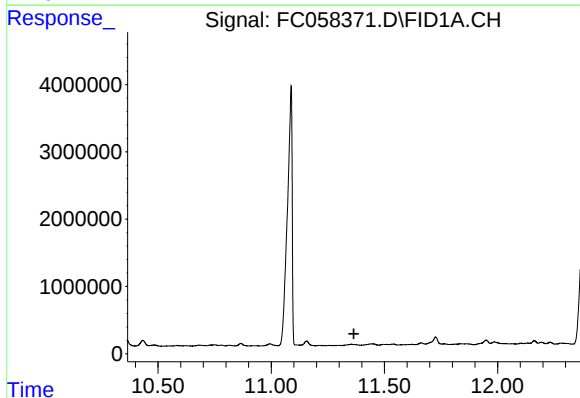
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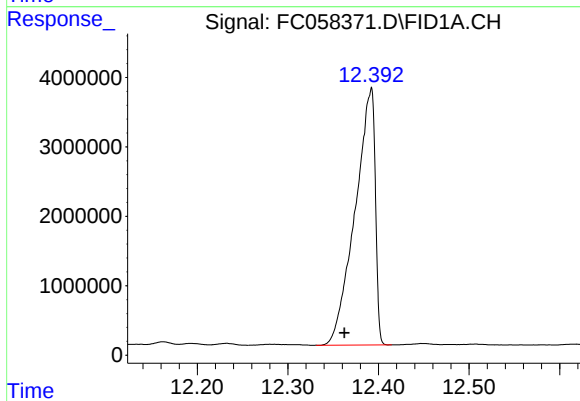
#8 n-Octadecane (C18)

R.T.: 11.087 min
Delta R.T.: 0.025 min
Response: 56017003
Conc: 44.39 ug/ml



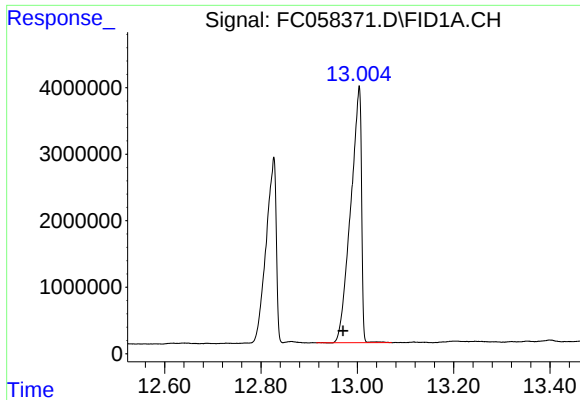
#9 ortho-Terphenyl (SURR)

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: 57138134
Conc: 45.87 ug/ml



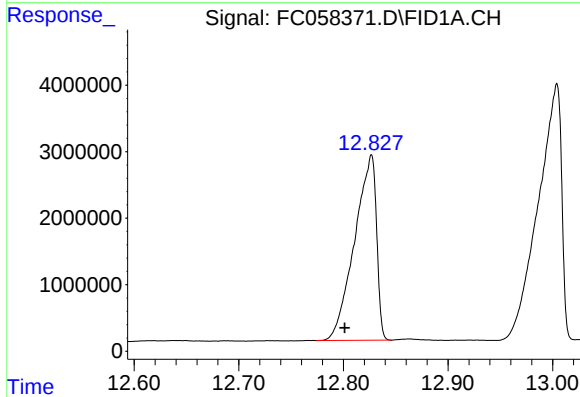
#11 n-Heneicosane (C21)

R.T.: 13.003 min
Delta R.T.: 0.032 min
Response: 60013041
Conc: 48.24 ug/ml

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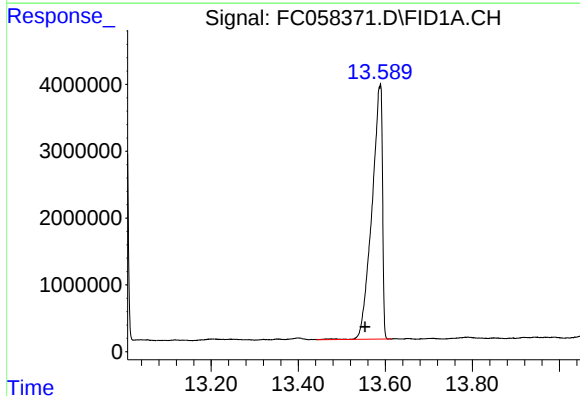
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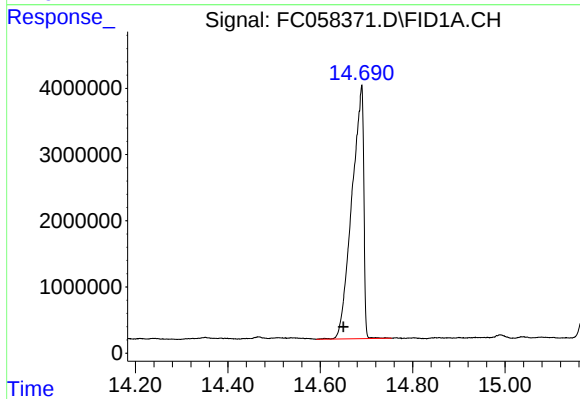
#12 1-chlorooctadecane (SURR)

R.T.: 12.827 min
Delta R.T.: 0.025 min
Response: 40578656
Conc: 38.77 ug/ml m



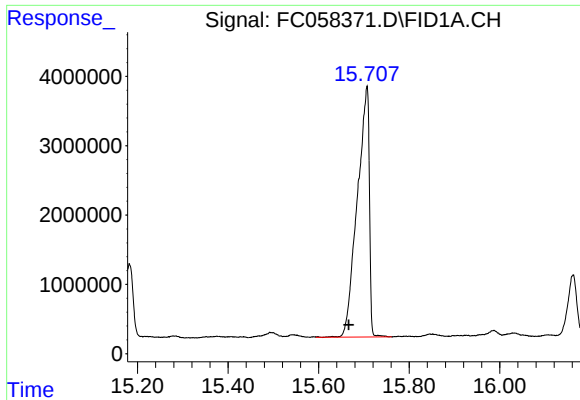
#13 n-Docosane (C22)

R.T.: 13.587 min
Delta R.T.: 0.033 min
Response: 63779184
Conc: 51.62 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.688 min
Delta R.T.: 0.037 min
Response: 67914423
Conc: 55.84 ug/ml



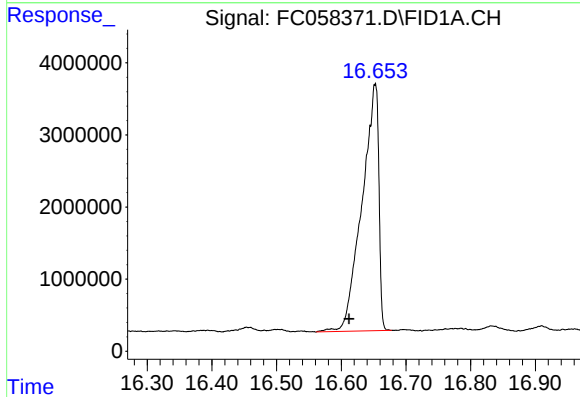
#15 n-Hexacosane (C26)

R.T.: 15.705 min
Delta R.T.: 0.039 min
Response: 66631494
Conc: 56.35 ug/ml

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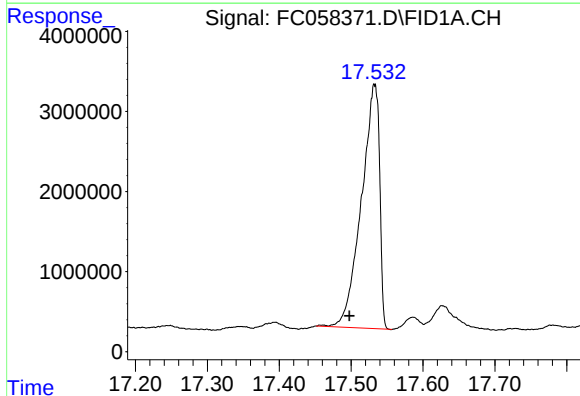
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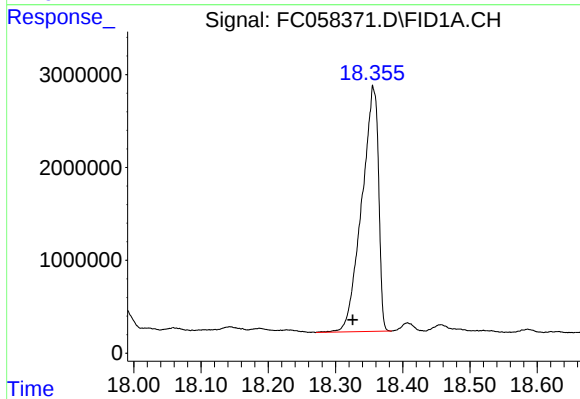
#16 n-Octacosane (C28)

R.T.: 16.651 min
Delta R.T.: 0.039 min
Response: 61759525
Conc: 54.01 ug/ml



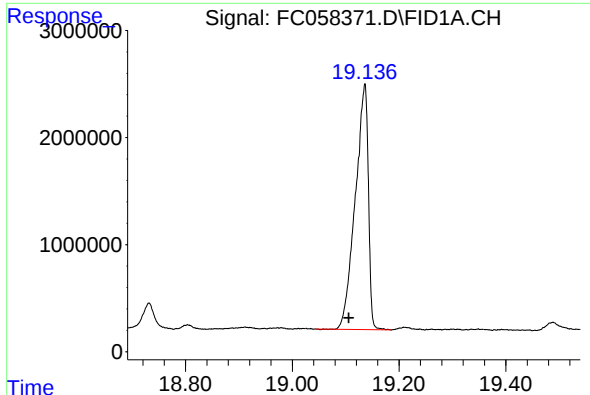
#17 n-Tricontane (C30)

R.T.: 17.532 min
Delta R.T.: 0.035 min
Response: 53506224
Conc: 49.20 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.356 min
Delta R.T.: 0.031 min
Response: 45601386
Conc: 48.14 ug/ml



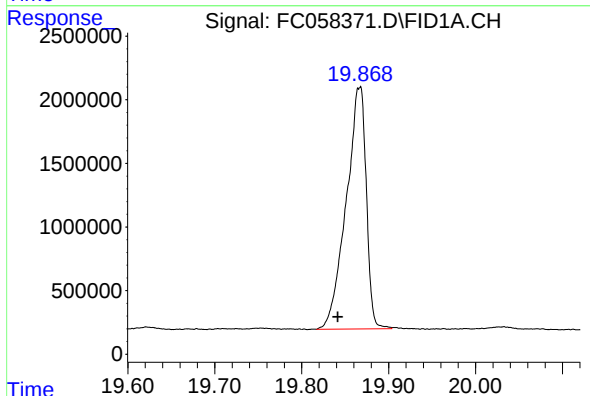
#19 n-Tetratriacontane (C34)

R.T.: 19.135 min
Delta R.T.: 0.029 min
Response: 38973410
Conc: 45.40 ug/ml

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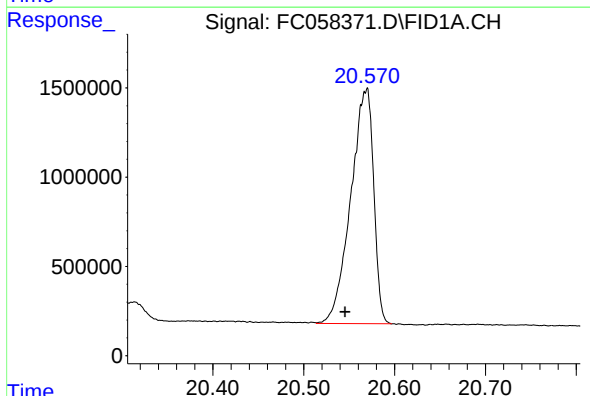
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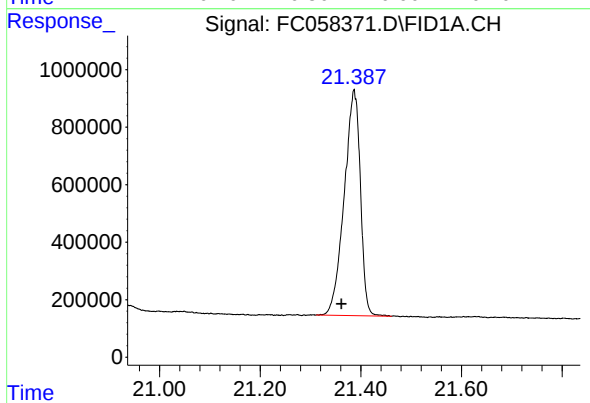
#20 n-Hexatriacontane (C36)

R.T.: 19.868 min
Delta R.T.: 0.026 min
Response: 30524866
Conc: 43.60 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.570 min
Delta R.T.: 0.024 min
Response: 23050430
Conc: 41.18 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: 0.025 min
Response: 17509898
Conc: 40.24 ug/ml