

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120120AL\
 Data File : FC051048.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2020 20:58
 Operator : DD\AJ
 Sample : L4909-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Integration File: autoint1.e
 Quant Time: Dec 02 00:58:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 2020
 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...	13.034	3336910	34.206 ug/ml
Spiked Amount 50.000		Recovery =	68.41%
Target Compounds			
1) T n-Nonane (C9)	3.350	1542377	14.493 ug/ml
2) T n-Decane (C10)	4.419	2456505	23.129 ug/ml
4) T n-Dodecane (C12)	6.440	3836354	35.259 ug/ml
6) T n-Tetradecane (C14)	8.237	4999976	46.210 ug/ml
7) T n-Hexadecane (C16)	9.838	5444455	50.734 ug/ml
8) T n-Octadecane (C18)	11.280	5751600	50.427 ug/ml
10) T n-Eicosane (C20)	12.590	5648519	48.623 ug/ml
11) T n-Heneicosane (C21)	13.202	5569073	48.067 ug/ml
13) T n-Docosane (C22)	13.788	5500887	47.494 ug/ml
14) T n-Tetracosane (C24)	14.890	5374463	46.730 ug/ml
15) T n-Hexacosane (C26)	15.910	5174767	45.959 ug/ml
16) T n-Octacosane (C28)	16.860	5139397	46.415 ug/ml
17) T n-Tricontane (C30)	17.747	5053761	47.576 ug/ml
18) T n-Dotriacontane (C32)	18.577	4930032	50.456 ug/ml
19) T n-Tetratriacontane (C34)	19.359	4698796	52.648 ug/ml
20) T n-Hexatriacontane (C36)	20.097	4152192	49.784 ug/ml
21) T n-Octatriacontane (C38)	20.837	3720547	47.776 ug/ml
22) T n-Tetracontane (C40)	21.759	3722586	44.960 ug/ml

(f)=RT Delta > 1/2 Window

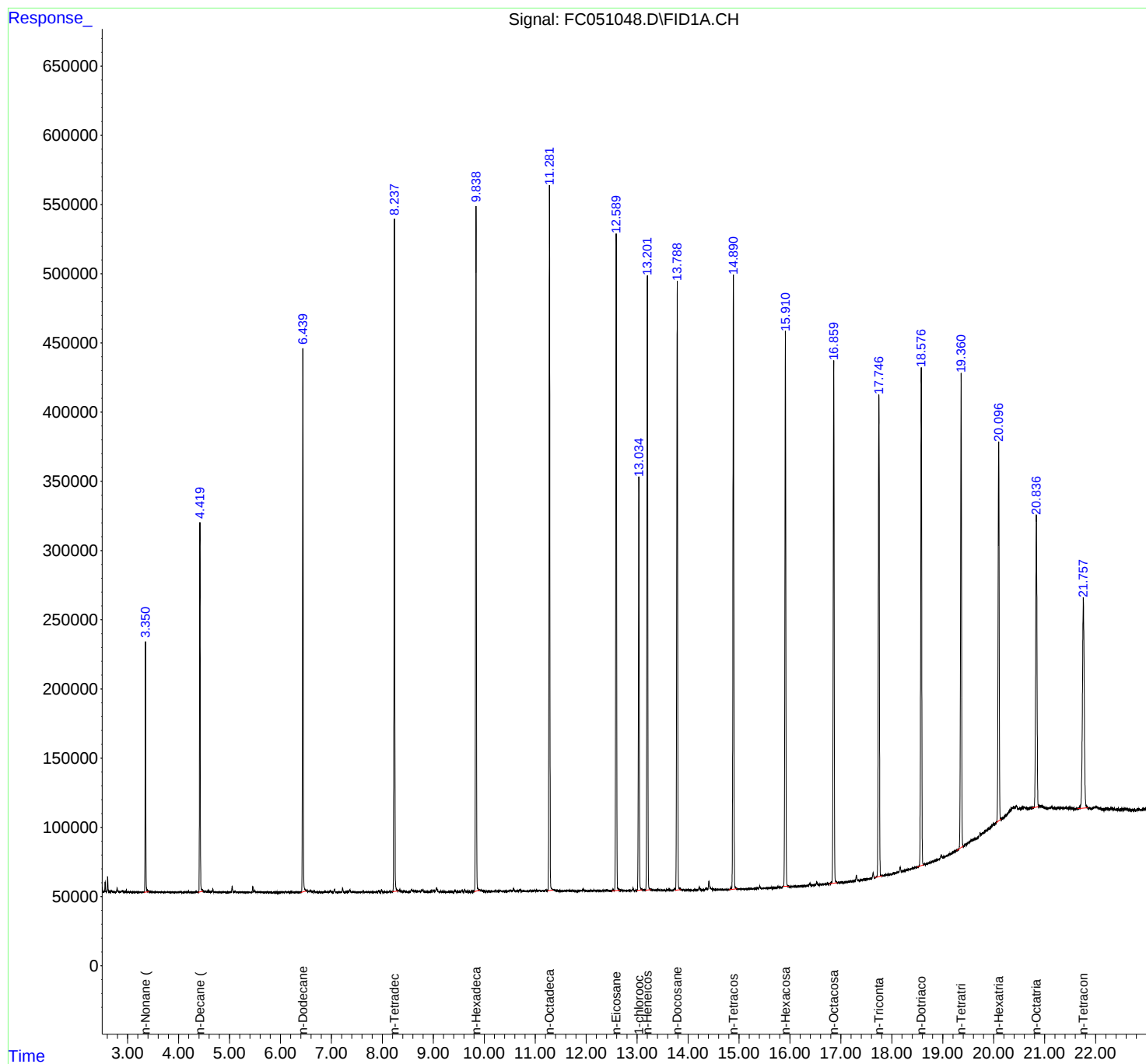
(m)=manual int.

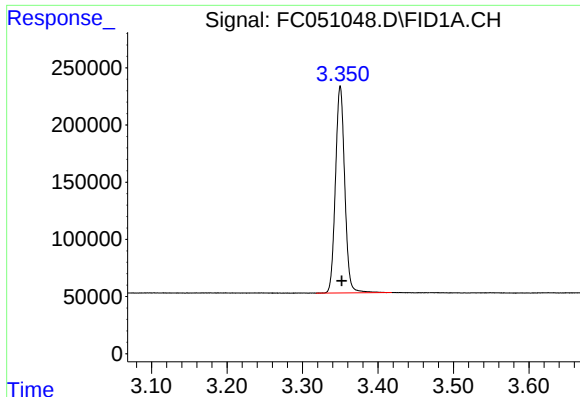
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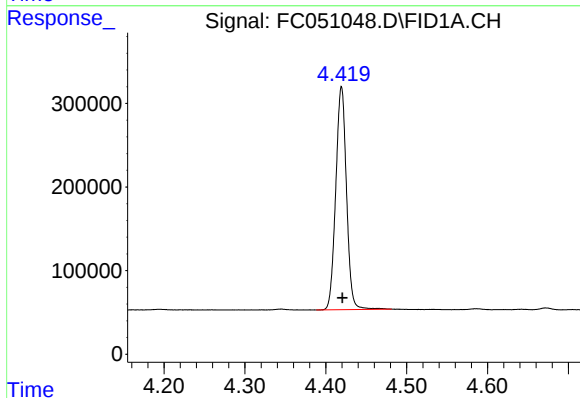




#1 n-Nonane (C9)

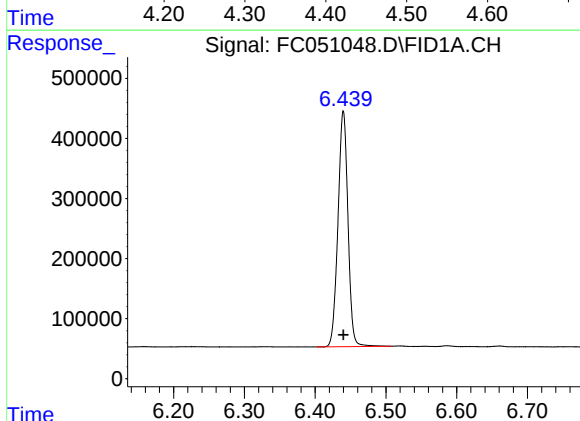
R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 1542377
Conc: 14.49 ug/ml

Instrument :
FID_C
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-



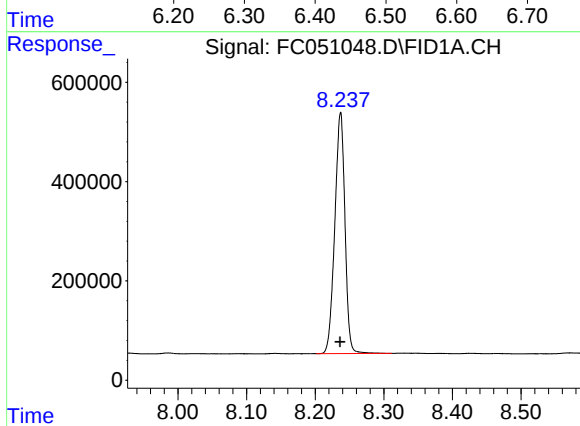
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.001 min
Response: 2456505
Conc: 23.13 ug/ml



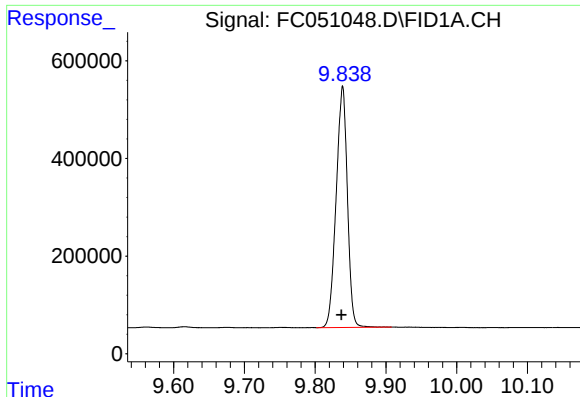
#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 3836354
Conc: 35.26 ug/ml



#6 n-Tetradecane (C14)

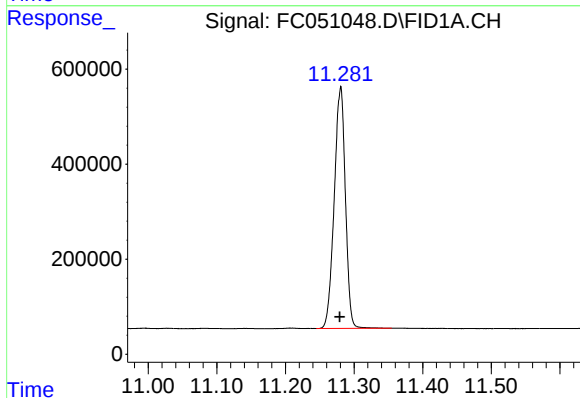
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 4999976
Conc: 46.21 ug/ml



#7 n-Hexadecane (C16)

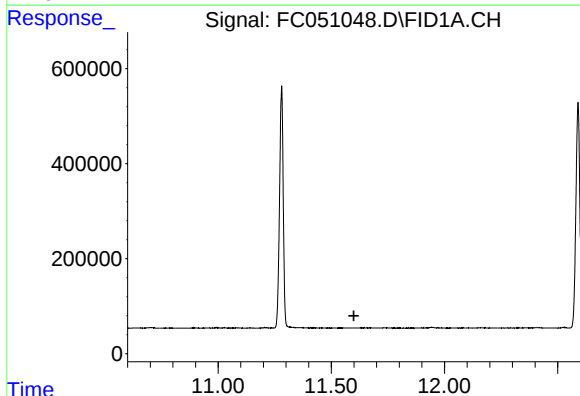
R.T.: 9.838 min
Delta R.T.: 0.001 min
Response: 5444455
Conc: 50.73 ug/ml

Instrument :
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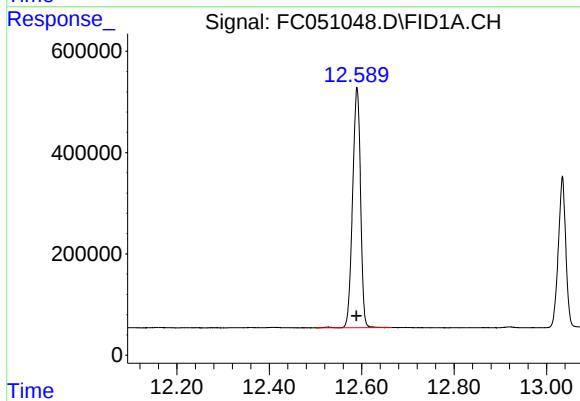
#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.000 min
Response: 5751600
Conc: 50.43 ug/ml



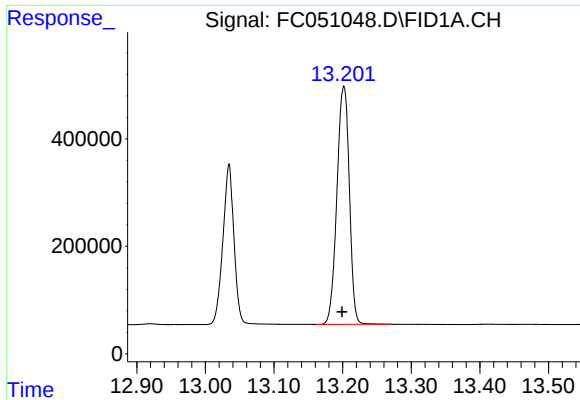
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.600 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

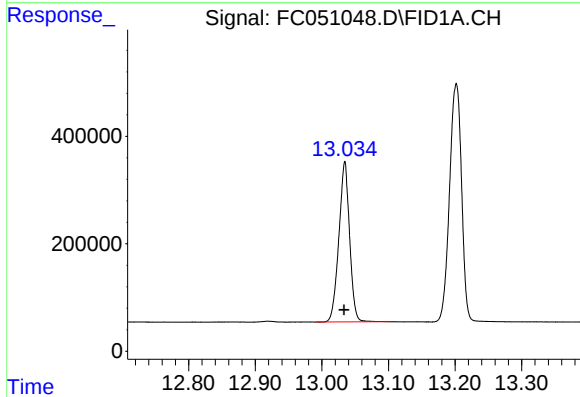
R.T.: 12.590 min
Delta R.T.: 0.002 min
Response: 5648519
Conc: 48.62 ug/ml



#11 n-Heneicosane (C21)

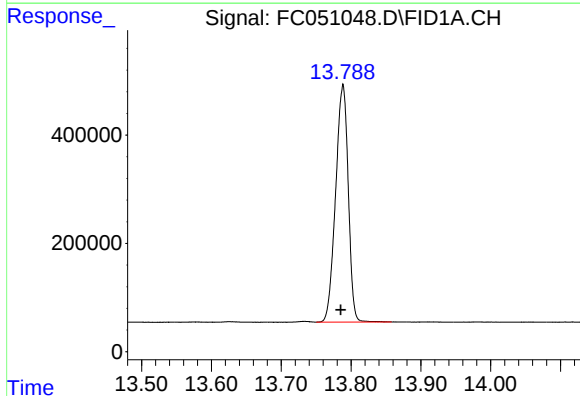
R.T.: 13.202 min
Delta R.T.: 0.002 min
Response: 5569073
Conc: 48.07 ug/ml

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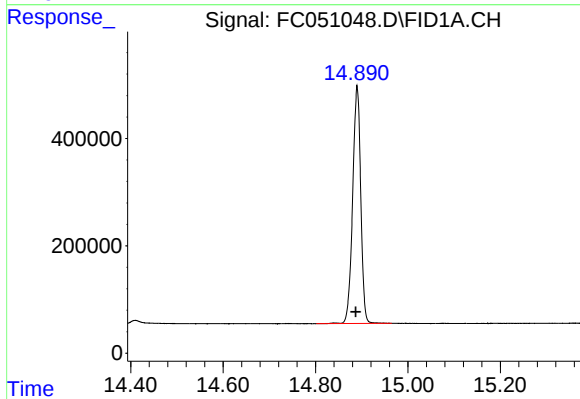
#12 1-chlorooctadecane (SURR)

R.T.: 13.034 min
Delta R.T.: 0.001 min
Response: 3336910
Conc: 34.21 ug/ml



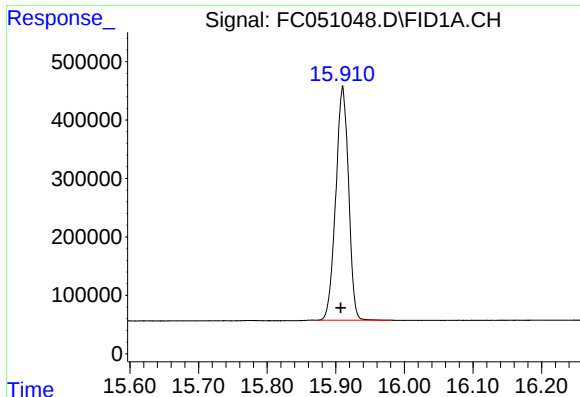
#13 n-Docosane (C22)

R.T.: 13.788 min
Delta R.T.: 0.003 min
Response: 5500887
Conc: 47.49 ug/ml



#14 n-Tetracosane (C24)

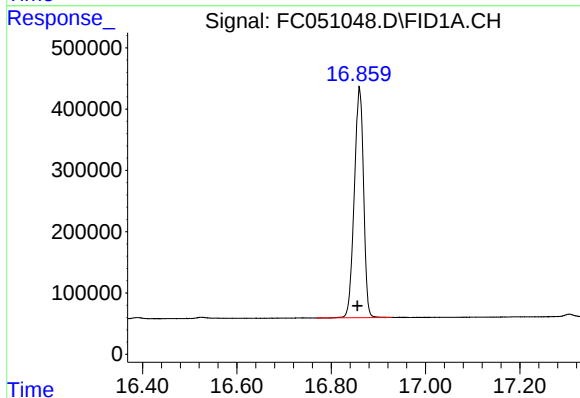
R.T.: 14.890 min
Delta R.T.: 0.003 min
Response: 5374463
Conc: 46.73 ug/ml



#15 n-Hexacosane (C26)

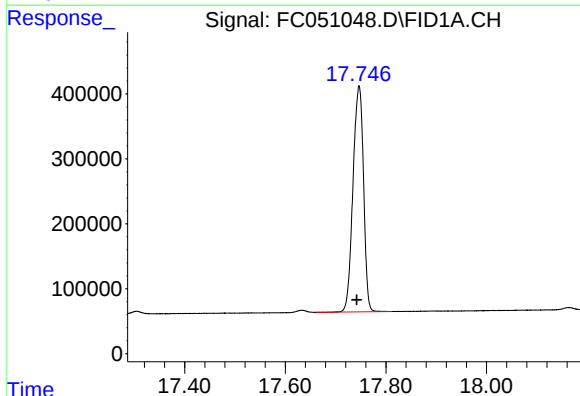
R.T.: 15.910 min
Delta R.T.: 0.003 min
Response: 5174767
Conc: 45.96 ug/ml

Instrument :
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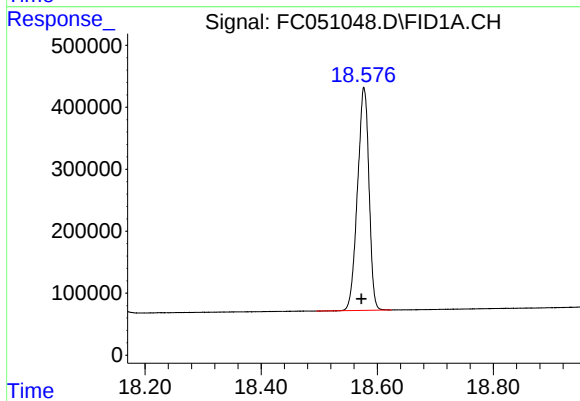
#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: 0.004 min
Response: 5139397
Conc: 46.42 ug/ml



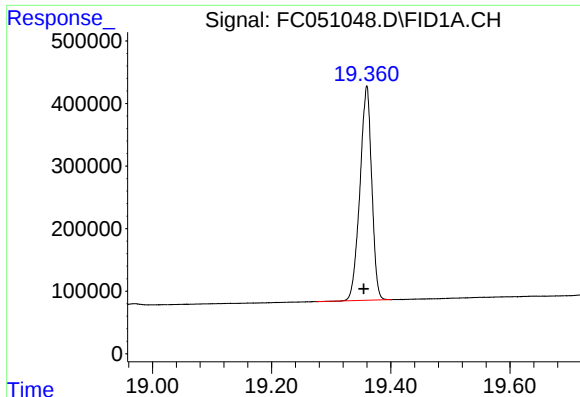
#17 n-Tricontane (C30)

R.T.: 17.747 min
Delta R.T.: 0.005 min
Response: 5053761
Conc: 47.58 ug/ml



#18 n-Dotriacontane (C32)

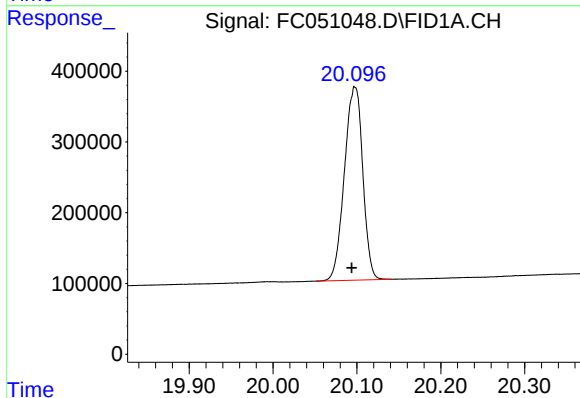
R.T.: 18.577 min
Delta R.T.: 0.004 min
Response: 4930032
Conc: 50.46 ug/ml



#19 n-Tetratriacontane (C34)

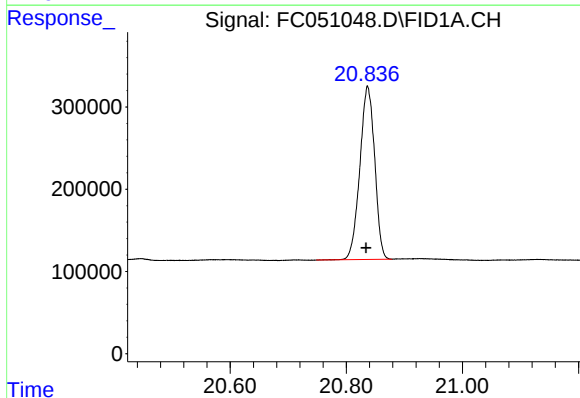
R.T.: 19.359 min
Delta R.T.: 0.005 min
Response: 4698796
Conc: 52.65 ug/ml

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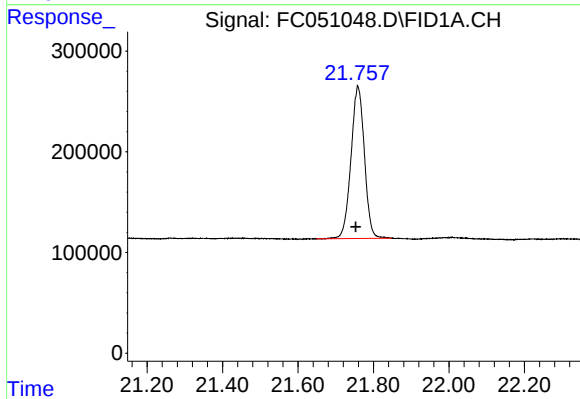
#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: 0.004 min
Response: 4152192
Conc: 49.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: 0.003 min
Response: 3720547
Conc: 47.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.759 min
Delta R.T.: 0.006 min
Response: 3722586
Conc: 44.96 ug/ml