

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042121AL\
 Data File : FC053317.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2021 3:55
 Operator : DD\AJ
 Sample : M2090-22MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SEDGWICK-COMP-5MS

Integration File: sample.E
 Quant Time: Apr 22 06:37:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 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...	12.991	3692021	34.112 ug/ml
Spiked Amount 50.000		Recovery =	68.22%
Target Compounds			
1) T n-Nonane (C9)	3.303	1895392	16.338 ug/ml
2) T n-Decane (C10)	4.369	2602737	22.239 ug/ml
4) T n-Dodecane (C12)	6.389	3941497	33.029 ug/ml
6) T n-Tetradecane (C14)	8.188	4940368	40.593 ug/ml
7) T n-Hexadecane (C16)	9.792	5726244	47.589 ug/ml
8) T n-Octadecane (C18)	11.235	6228760	49.157 ug/ml
10) T n-Eicosane (C20)	12.547	6156697	48.009 ug/ml
11) T n-Heneicosane (C21)	13.159	6152106	47.903 ug/ml
13) T n-Docosane (C22)	13.747	6153428	47.745 ug/ml
14) T n-Tetracosane (C24)	14.851	5959889	46.145 ug/ml
15) T n-Hexacosane (C26)	15.874	5901894	45.924 ug/ml
16) T n-Octacosane (C28)	16.825	5664706	43.740 ug/ml
17) T n-Tricontane (C30)	17.714	5458063	40.532 ug/ml
18) T n-Dotriacontane (C32)	18.546	4954802	36.129 ug/ml
19) T n-Tetratriacontane (C34)	19.331	4932597	37.798 ug/ml
20) T n-Hexatriacontane (C36)	20.071	4708900	38.892 ug/ml
21) T n-Octatriacontane (C38)	20.804	4379538	41.563 ug/ml
22) T n-Tetracontane (C40)	21.708	4348276	41.529 ug/ml

(f)=RT Delta > 1/2 Window

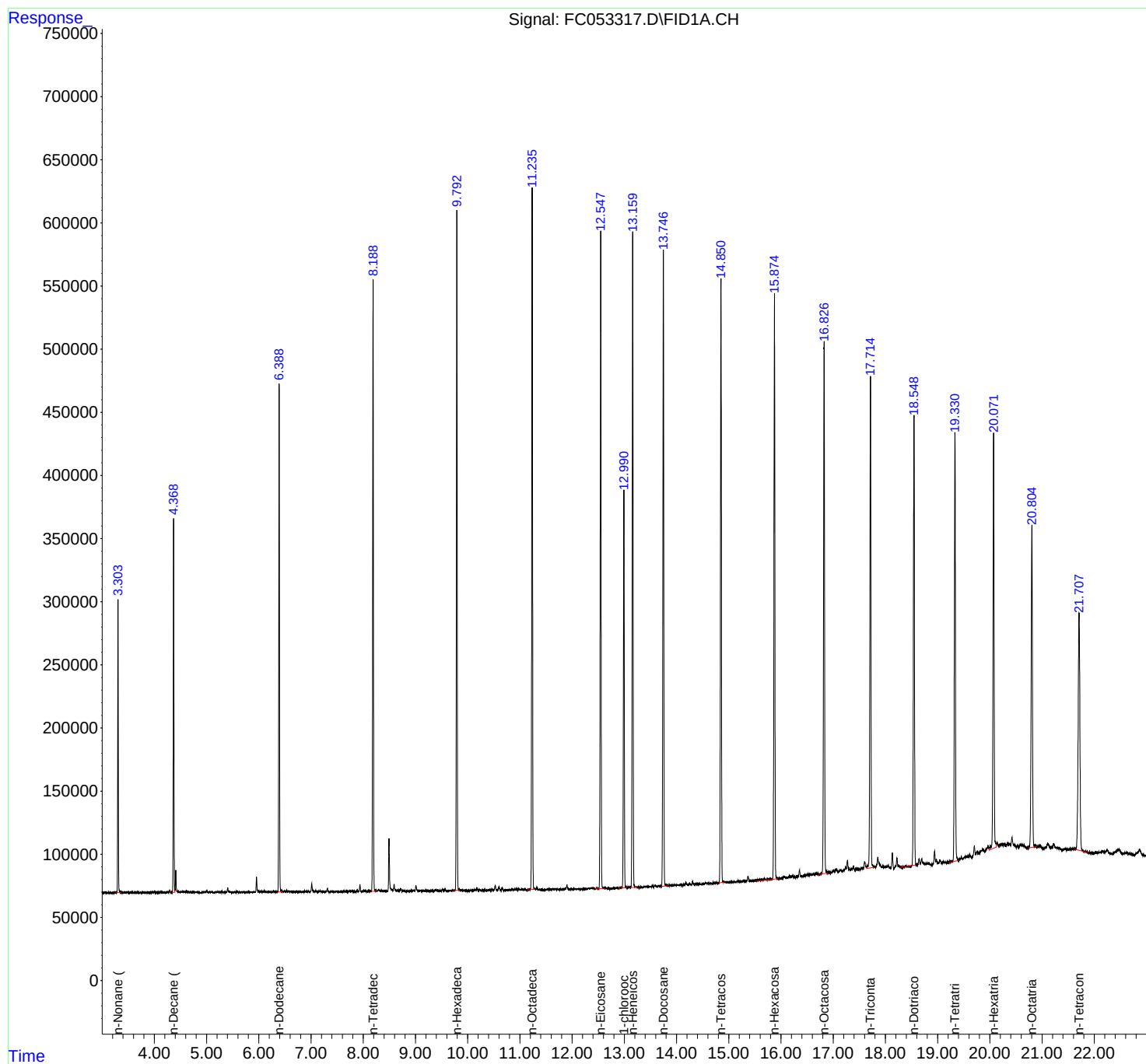
(m)=manual int.

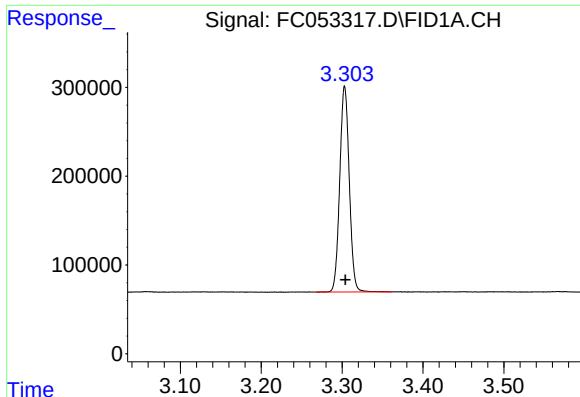
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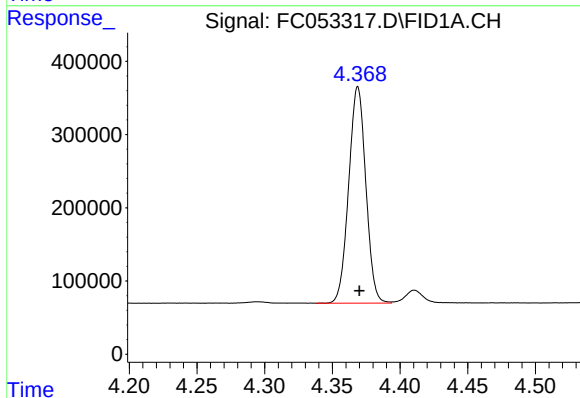




#1 n-Nonane (C9)

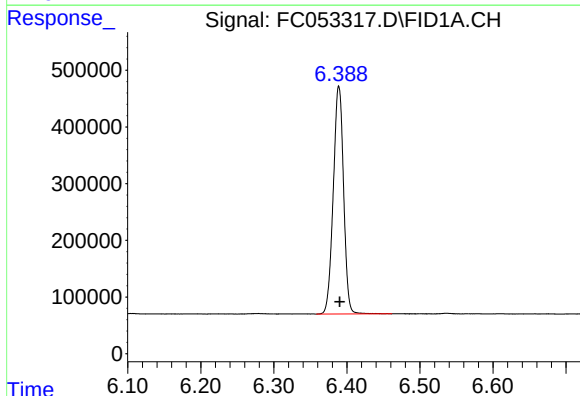
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 1895392
Conc: 16.34 ug/ml

Instrument :
FID_C
ClientSampleId :
SEDGWICK-COMP-5MS



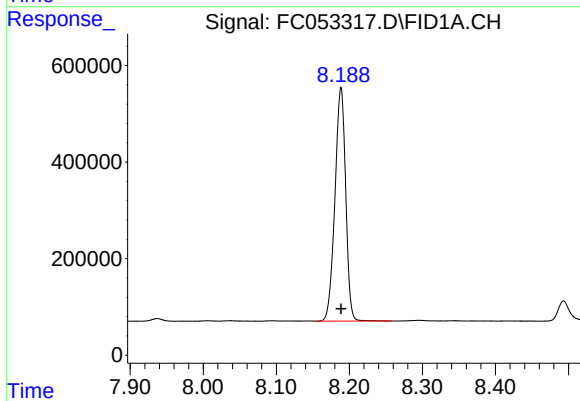
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 2602737
Conc: 22.24 ug/ml



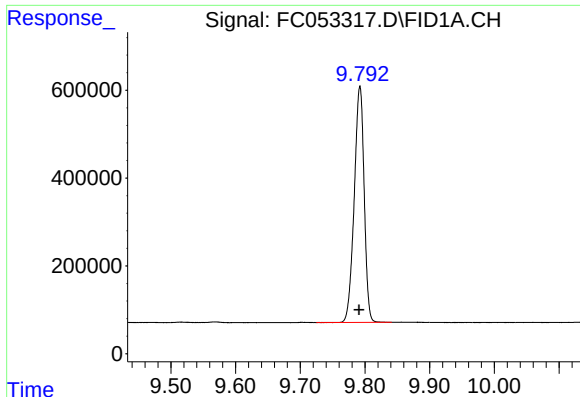
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 3941497
Conc: 33.03 ug/ml



#6 n-Tetradecane (C14)

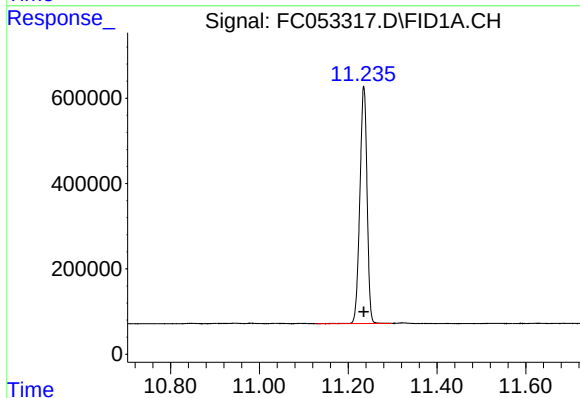
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 4940368
Conc: 40.59 ug/ml



#7 n-Hexadecane (C16)

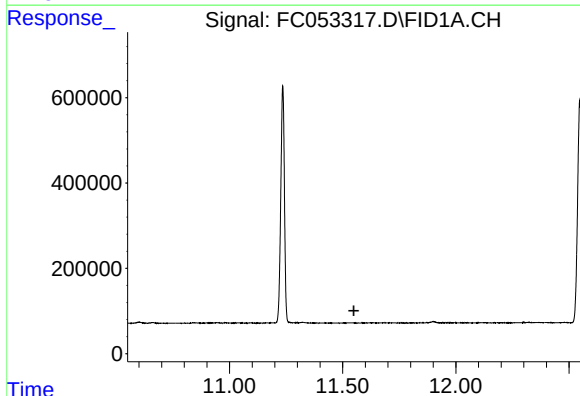
R.T.: 9.792 min
Delta R.T.: 0.001 min
Response: 5726244
Conc: 47.59 ug/ml

Instrument :
FID_C
ClientSampleId :
SEDGWICK-COMP-5MS



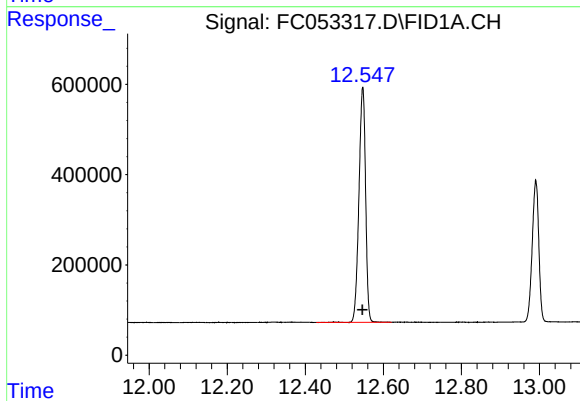
#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 6228760
Conc: 49.16 ug/ml



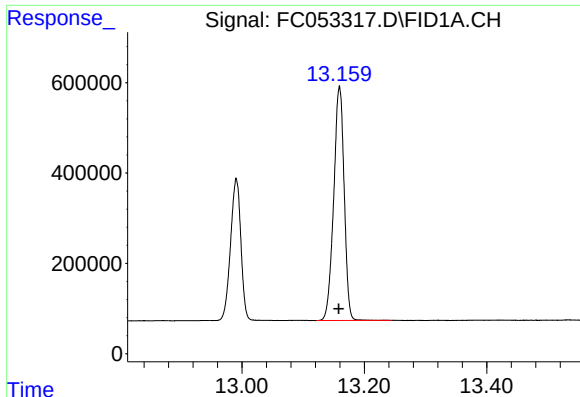
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.550 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

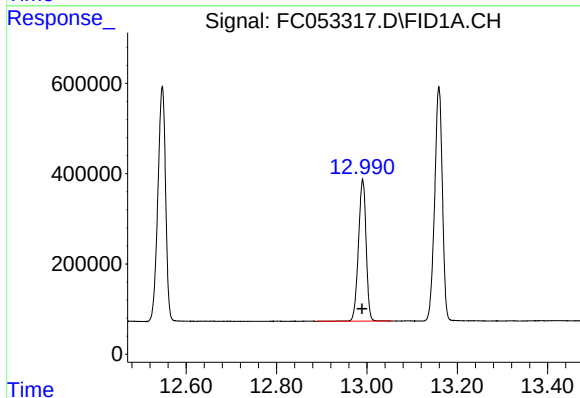
R.T.: 12.547 min
Delta R.T.: 0.000 min
Response: 6156697
Conc: 48.01 ug/ml



#11 n-Heneicosane (C21)

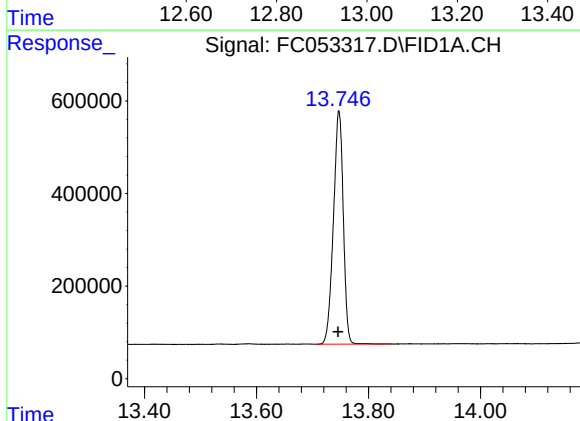
R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 6152106
Conc: 47.90 ug/ml

Instrument :
FID_C
ClientSampleId :
SEDGWICK-COMP-5MS



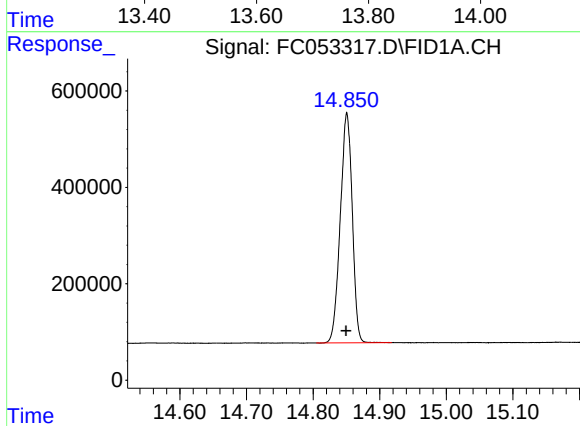
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 3692021
Conc: 34.11 ug/ml



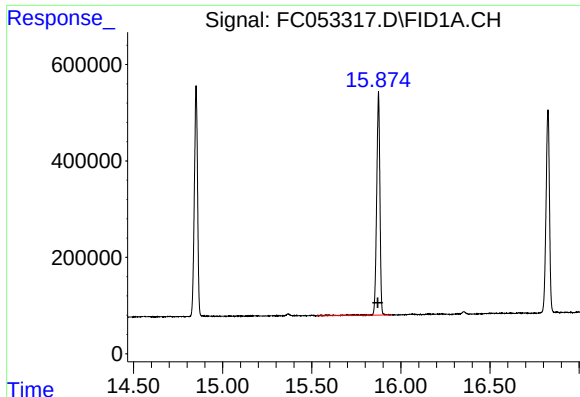
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: 0.002 min
Response: 6153428
Conc: 47.75 ug/ml



#14 n-Tetracosane (C24)

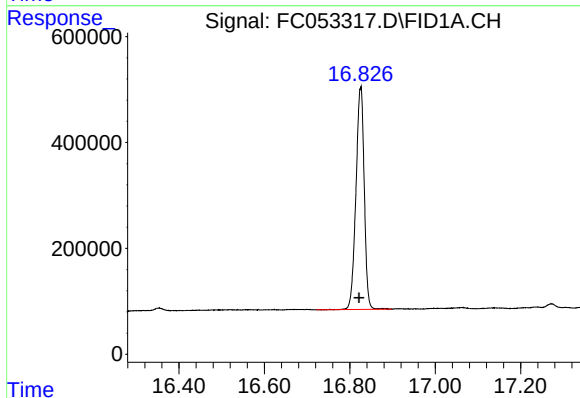
R.T.: 14.851 min
Delta R.T.: 0.000 min
Response: 5959889
Conc: 46.14 ug/ml



#15 n-Hexacosane (C26)

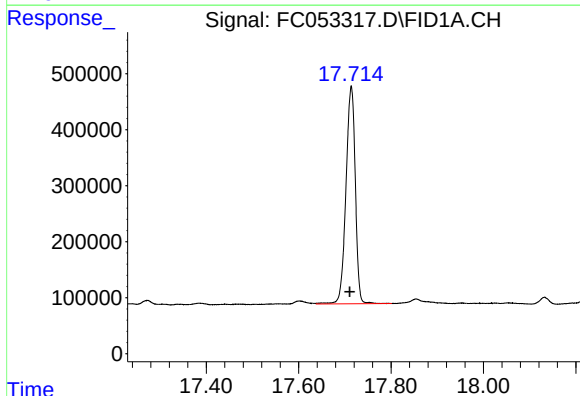
R.T.: 15.874 min
Delta R.T.: 0.003 min
Response: 5901894
Conc: 45.92 ug/ml

Instrument :
FID_C
ClientSampleId :
SEDGWICK-COMP-5MS



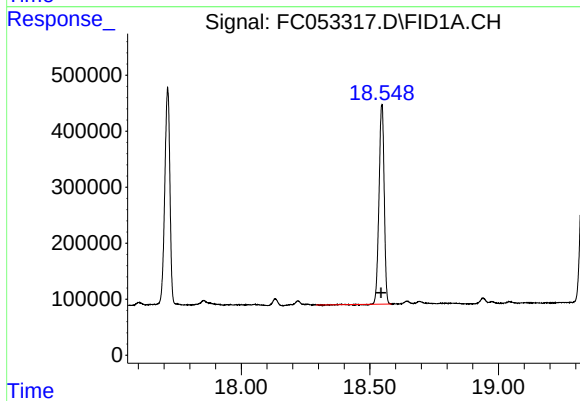
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: 0.003 min
Response: 5664706
Conc: 43.74 ug/ml



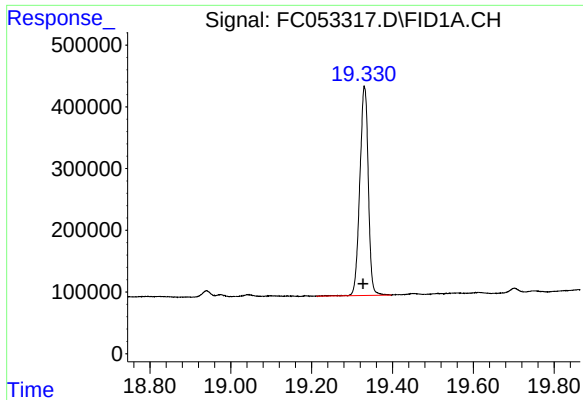
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: 0.003 min
Response: 5458063
Conc: 40.53 ug/ml



#18 n-Dotriacontane (C32)

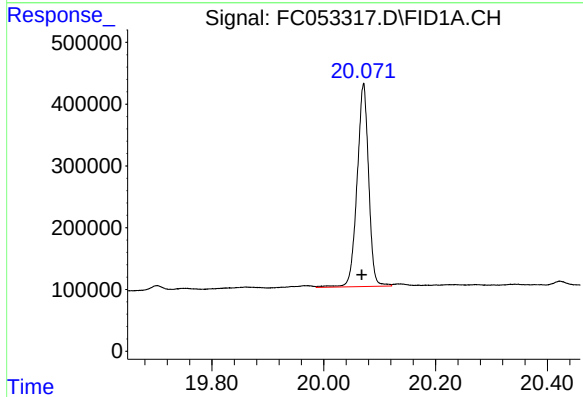
R.T.: 18.546 min
Delta R.T.: 0.003 min
Response: 4954802
Conc: 36.13 ug/ml



#19 n-Tetratriacontane (C34)

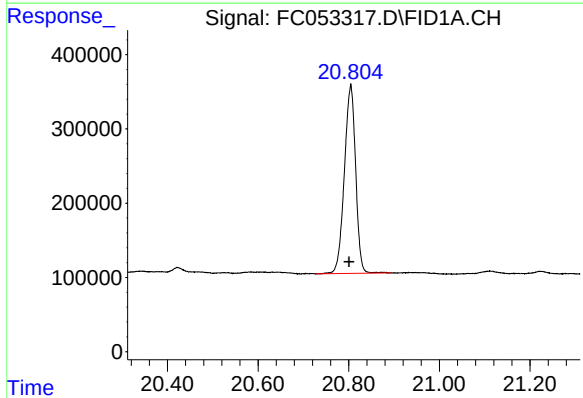
R.T.: 19.331 min
Delta R.T.: 0.003 min
Response: 4932597
Conc: 37.80 ug/ml

Instrument :
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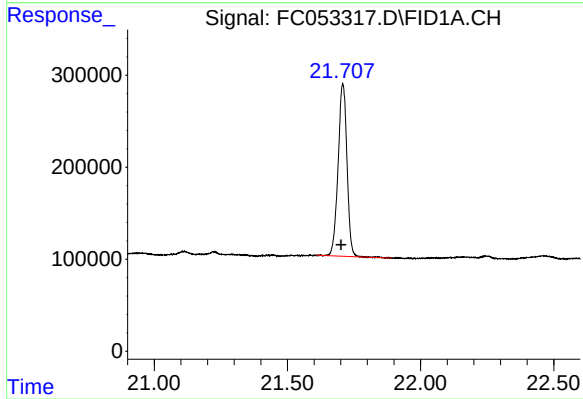
#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.003 min
Response: 4708900
Conc: 38.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.004 min
Response: 4379538
Conc: 41.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: 0.006 min
Response: 4348276
Conc: 41.53 ug/ml