

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102321AL\
 Data File : FC056354.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2021 10:45
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:00:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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			
9) S ortho-Terphenyl (SURR)	11.624	2443614	19.735 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	13.054	1875154	19.487 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T n-Nonane (C9)	3.383	2269315	20.967 ug/ml
2) T n-Decane (C10)	4.450	2291092	21.269 ug/ml
3) T A~Naphthalene (C11.7)	6.040	2572454	21.099 ug/ml
4) T n-Dodecane (C12)	6.467	2325618	21.096 ug/ml
5) T A~2-methylnaphthalene...	7.096	2580557	21.073 ug/ml
6) T n-Tetradecane (C14)	8.262	2339647	20.840 ug/ml
7) T n-Hexadecane (C16)	9.862	2322247	20.426 ug/ml
8) T n-Octadecane (C18)	11.302	2356476	20.165 ug/ml
10) T n-Eicosane (C20)	12.609	2266456	19.721 ug/ml
11) T n-Heneicosane (C21)	13.220	2243397	19.521 ug/ml
13) T n-Docosane (C22)	13.805	2187817	19.433 ug/ml
14) T n-Tetracosane (C24)	14.905	2120665	19.243 ug/ml
15) T n-Hexacosane (C26)	15.922	2007204	19.018 ug/ml
16) T n-Octacosane (C28)	16.868	1923915	18.548 ug/ml
17) T n-Tricontane (C30)	17.752	1850063	17.856 ug/ml
18) T n-Dotriacontane (C32)	18.581	1803332	18.822 ug/ml
19) T n-Tetratriacontane (C34)	19.361	1739975	19.838 ug/ml
20) T n-Hexatriacontane (C36)	20.096	1698388	20.750 ug/ml
21) T n-Octatriacontane (C38)	20.832	1707782	21.354 ug/mlm
22) T n-Tetracontane (C40)	21.747	1818252	22.069 ug/mlm

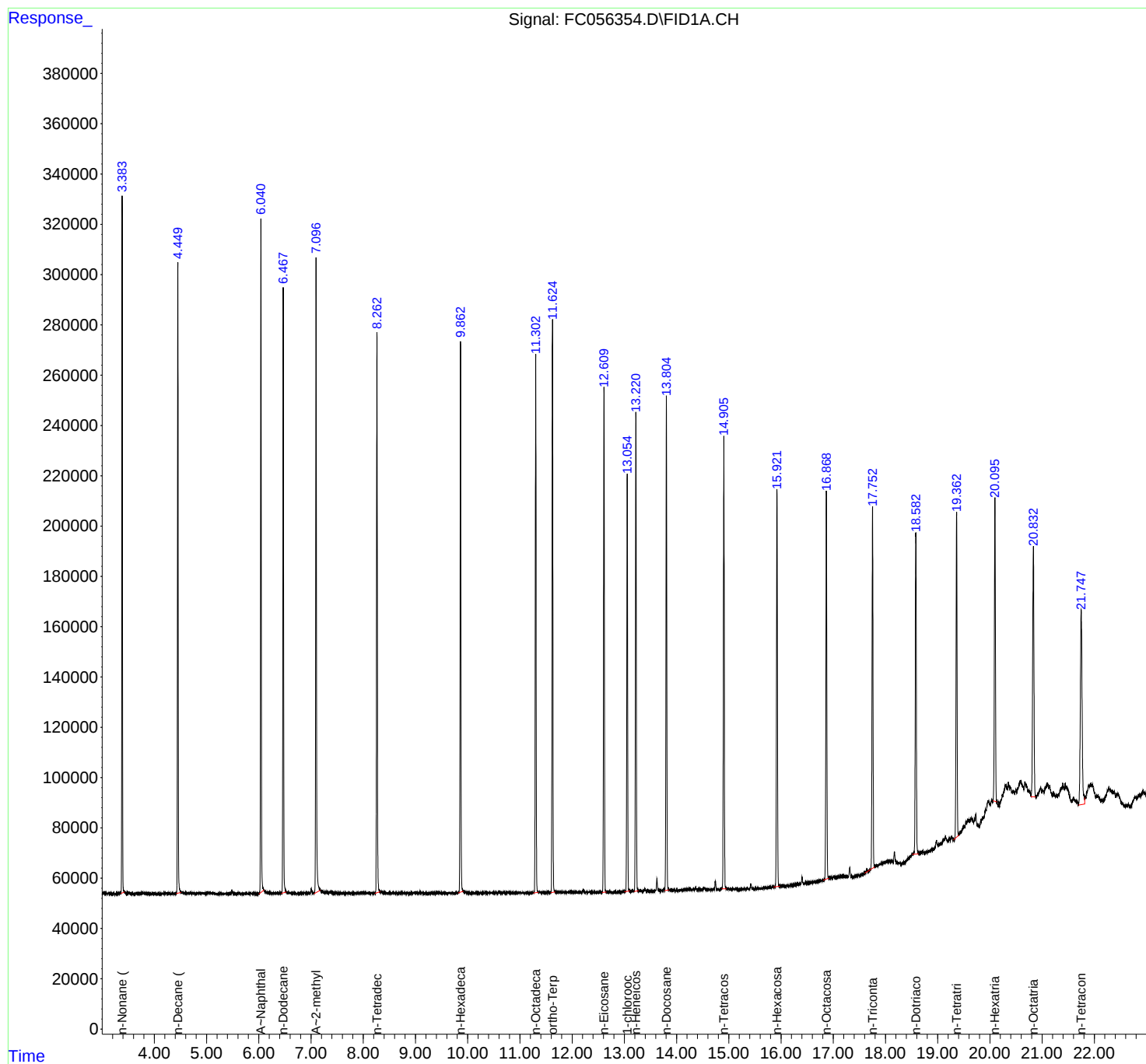
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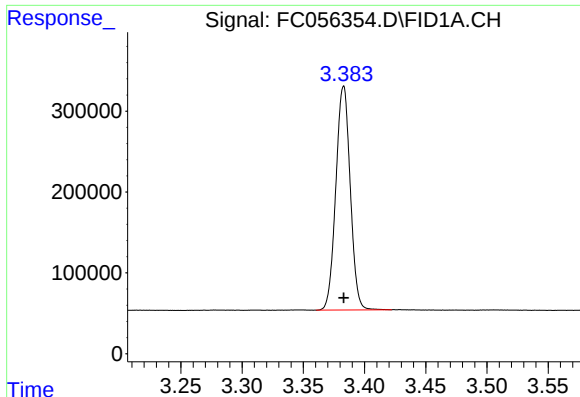
(m)=manual int.

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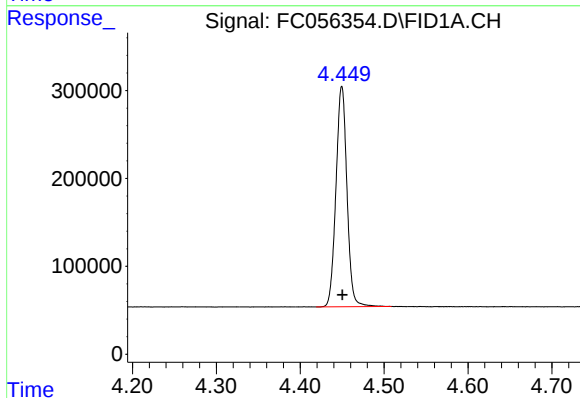
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





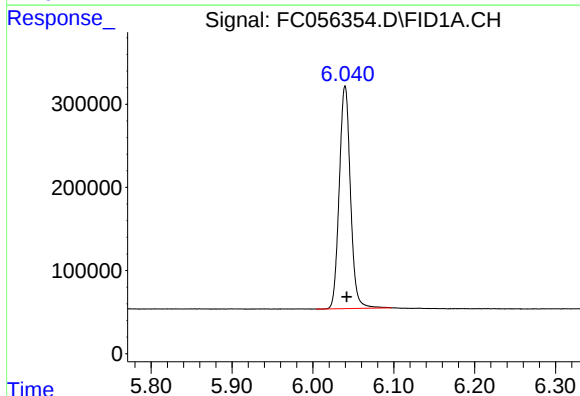
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 2269315
Conc: 20.97 ug/ml



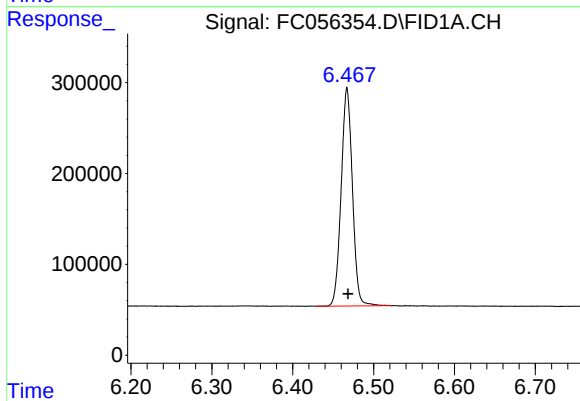
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 2291092
Conc: 21.27 ug/ml



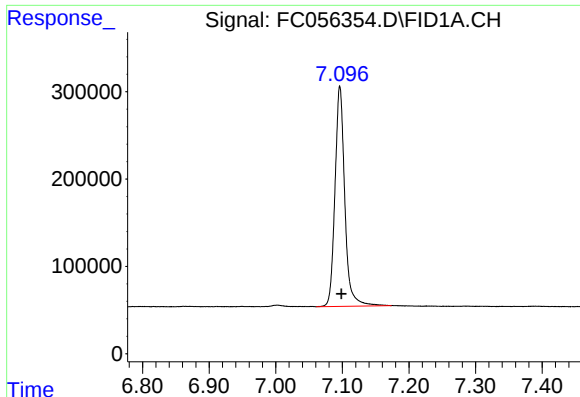
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 2572454
Conc: 21.10 ug/ml



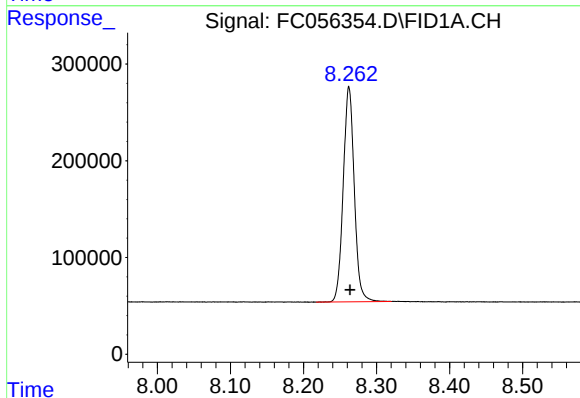
#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.001 min
Response: 2325618
Conc: 21.10 ug/ml



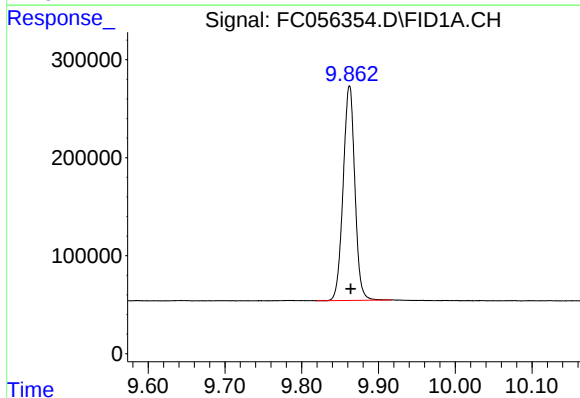
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 2580557
Conc: 21.07 ug/ml



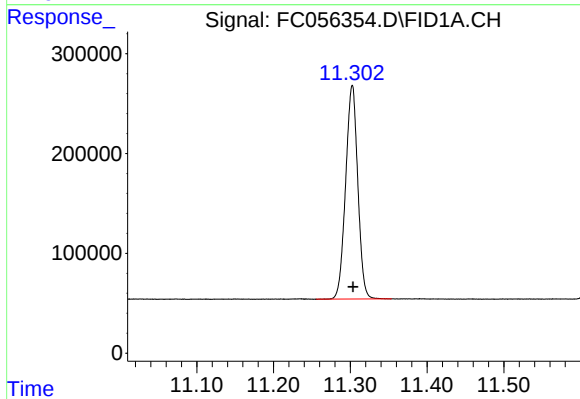
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 2339647
Conc: 20.84 ug/ml



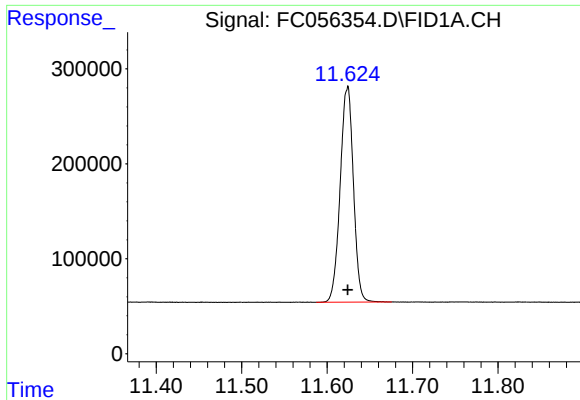
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 2322247
Conc: 20.43 ug/ml



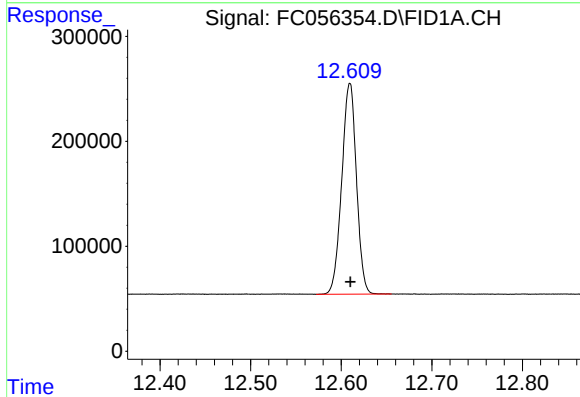
#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.001 min
Response: 2356476
Conc: 20.17 ug/ml



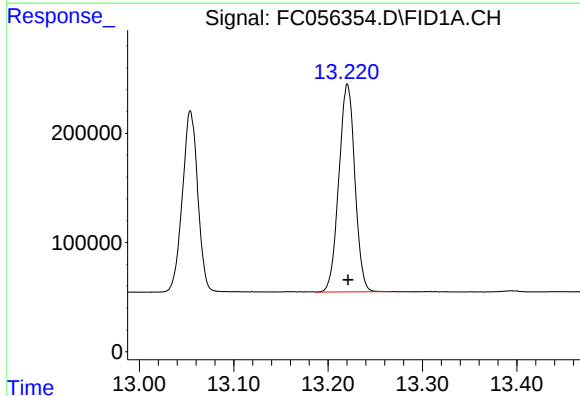
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2443614
Conc: 19.74 ug/ml



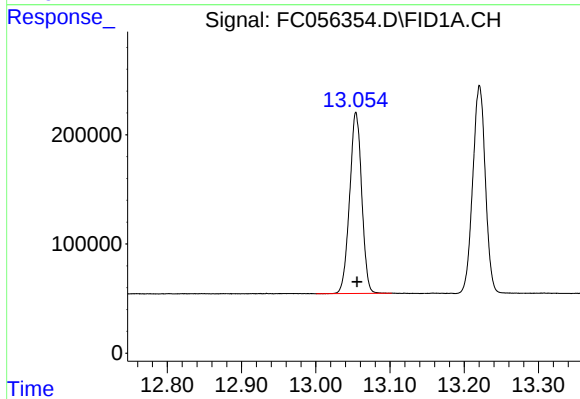
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 2266456
Conc: 19.72 ug/ml



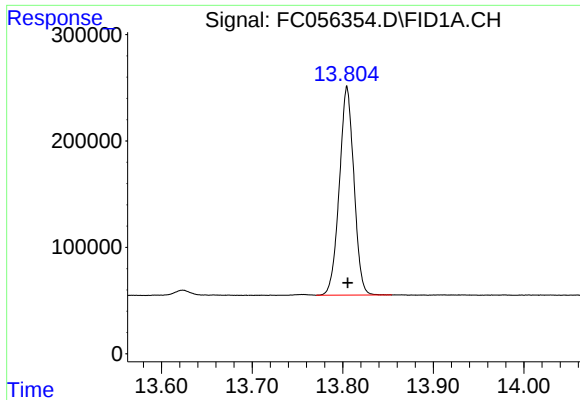
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: 0.000 min
Response: 2243397
Conc: 19.52 ug/ml



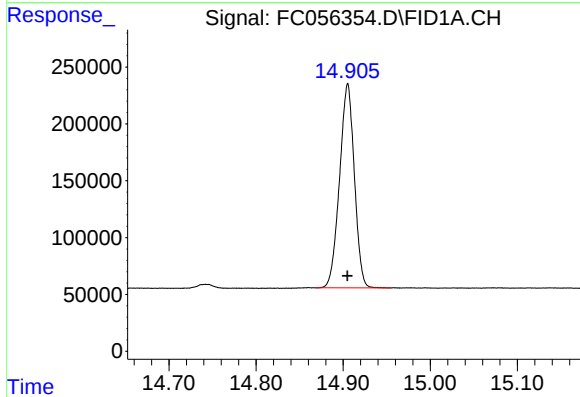
#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.001 min
Response: 1875154
Conc: 19.49 ug/ml



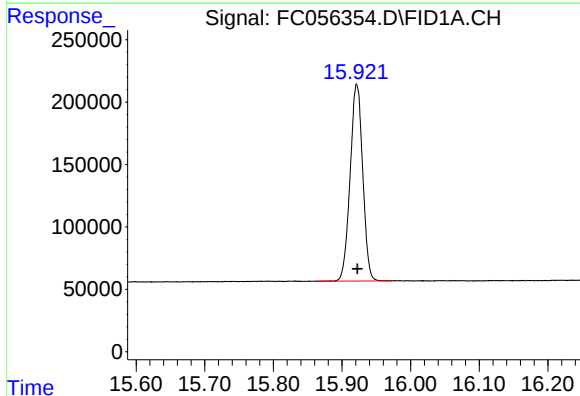
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: 0.000 min
Response: 2187817
Conc: 19.43 ug/ml



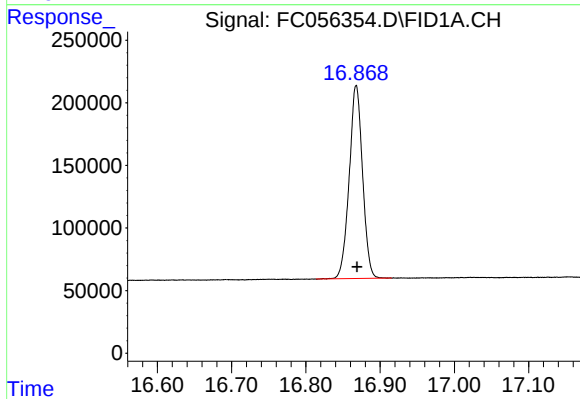
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 2120665
Conc: 19.24 ug/ml



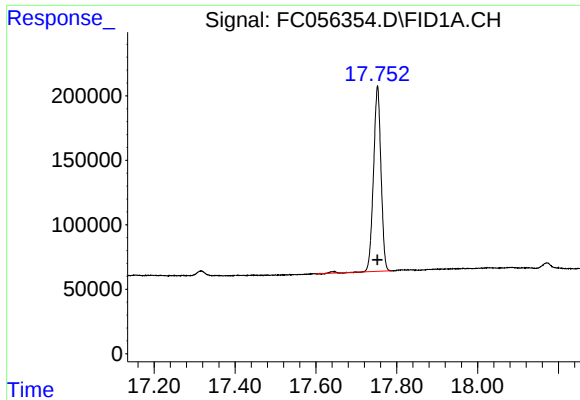
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: -0.001 min
Response: 2007204
Conc: 19.02 ug/ml



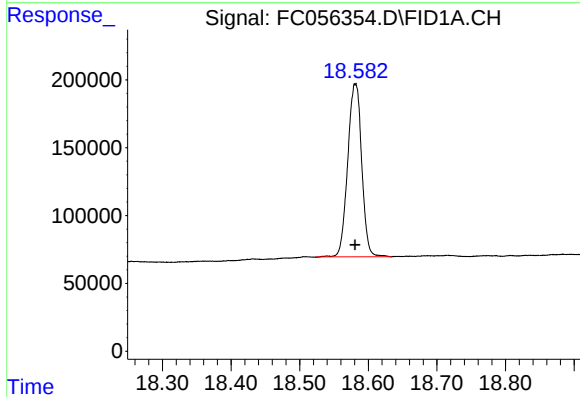
#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: 0.000 min
Response: 1923915
Conc: 18.55 ug/ml



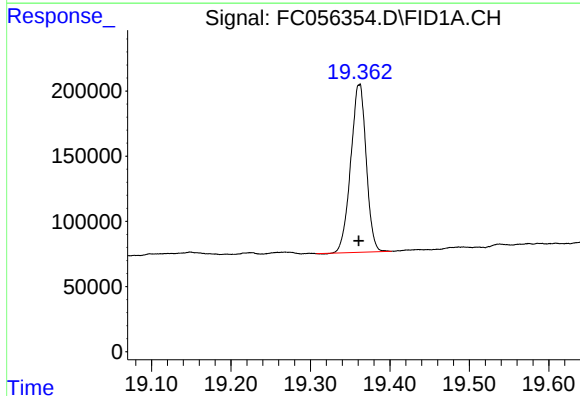
#17 n-Tricontane (C30)

R.T.: 17.752 min
Delta R.T.: 0.000 min
Response: 1850063
Conc: 17.86 ug/ml



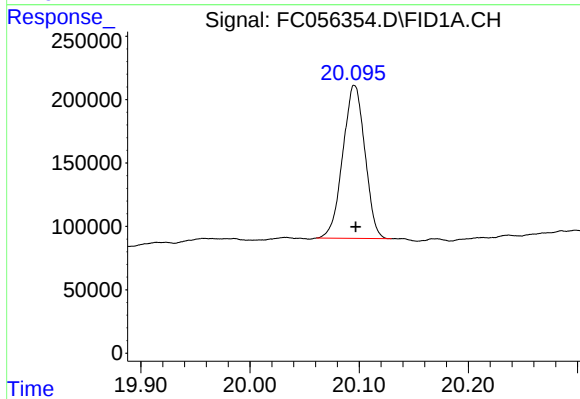
#18 n-Dotriacontane (C32)

R.T.: 18.581 min
Delta R.T.: 0.000 min
Response: 1803332
Conc: 18.82 ug/ml



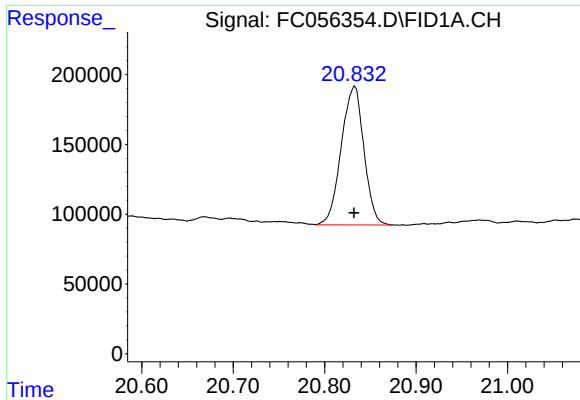
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.000 min
Response: 1739975
Conc: 19.84 ug/ml



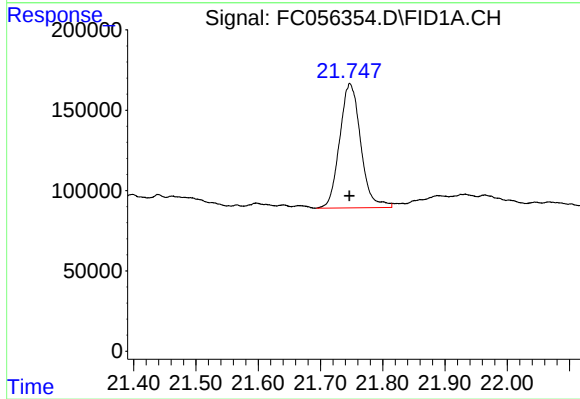
#20 n-Hexatriacontane (C36)

R.T.: 20.096 min
Delta R.T.: 0.000 min
Response: 1698388
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: 0.000 min
Response: 1707782
Conc: 21.35 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: 0.000 min
Response: 1818252
Conc: 22.07 ug/ml m