

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050321AL\
 Data File : FC053487.D
 Signal(s) : FID1A.CH
 Acq On : 04 May 2021 3:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 5/7/2021 10:29:03 AM

Integration File: sample.E
 Quant Time: May 04 11:56:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.538	2775300	20.046 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
12) S 1-chlorooctadecane (S...	12.979	2229413	19.989 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.295	2380576	20.155 ug/ml
2) T n-Decane (C10)	4.360	2398271	20.253 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2657629	20.396 ug/ml
4) T n-Dodecane (C12)	6.379	2435148	20.125 ug/ml
5) T A~2-methylnaphthalene...	7.003	2703993	20.452 ug/ml
6) T n-Tetradecane (C14)	8.177	2457168	20.171 ug/ml
7) T n-Hexadecane (C16)	9.780	2472089	20.184 ug/ml
8) T n-Octadecane (C18)	11.224	2606921	20.017 ug/ml
10) T n-Eicosane (C20)	12.534	2643291	19.970 ug/ml
11) T n-Heneicosane (C21)	13.147	2663435	20.054 ug/ml
13) T n-Docosane (C22)	13.735	2670408	20.076 ug/ml
14) T n-Tetracosane (C24)	14.839	2678885	20.069 ug/ml
15) T n-Hexacosane (C26)	15.862	2670933	20.202 ug/ml
16) T n-Octacosane (C28)	16.812	2668231	20.383 ug/ml
17) T n-Tricontane (C30)	17.701	2632342	20.182 ug/ml
18) T n-Dotriacontane (C32)	18.535	2542974	20.154 ug/ml
19) T n-Tetratriacontane (C34)	19.319	2474262	20.307 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2315017	19.800 ug/mlm
21) T n-Octatriacontane (C38)	20.791	2107348	20.485 ug/ml
22) T n-Tetracontane (C40)	21.690	2047211	20.545 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 15 Sample Multiplier: 1

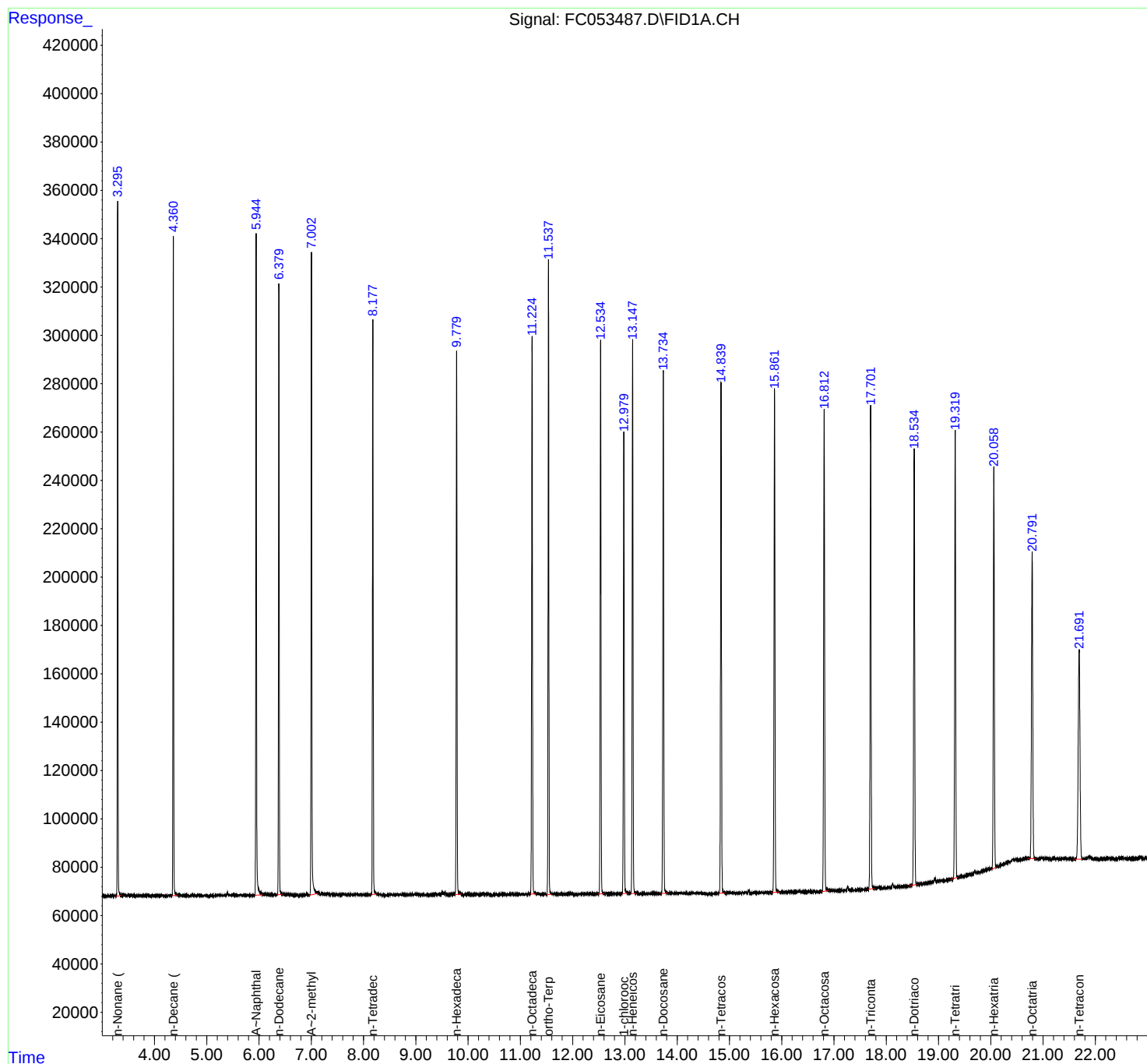
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

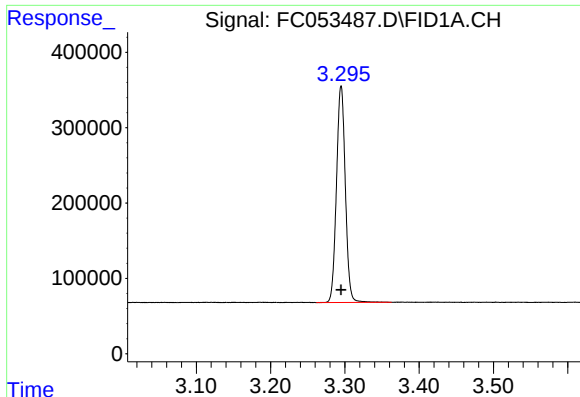
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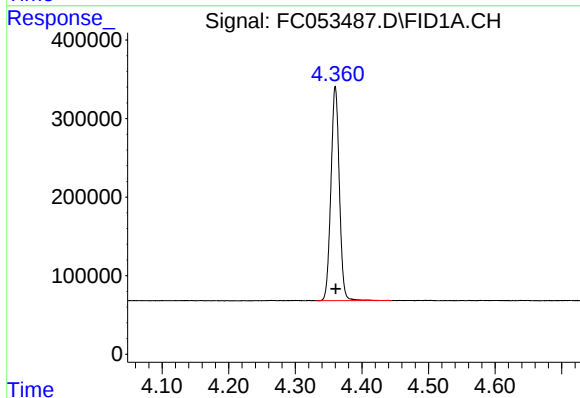
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 2380576
Conc: 20.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

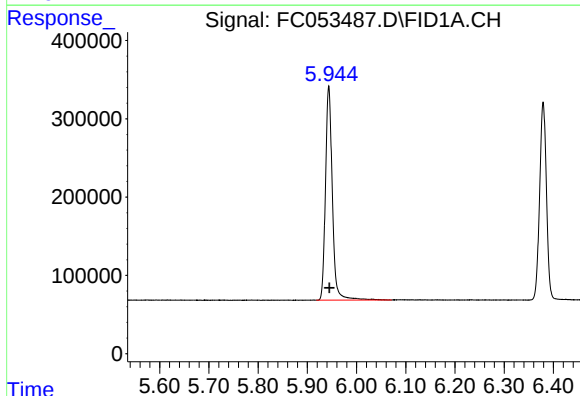
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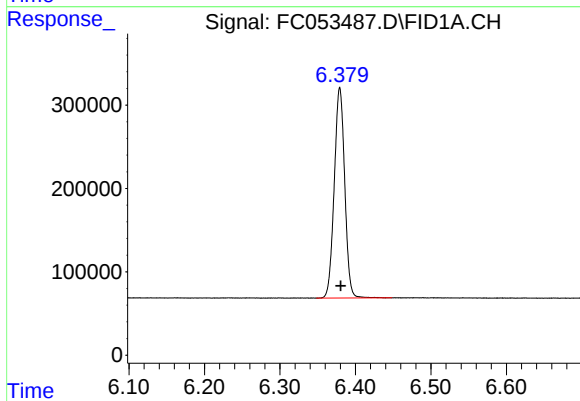
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2398271
Conc: 20.25 ug/ml



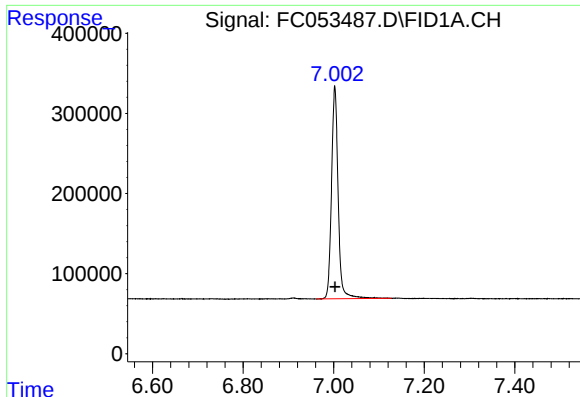
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 2657629
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.001 min
Response: 2435148
Conc: 20.12 ug/ml



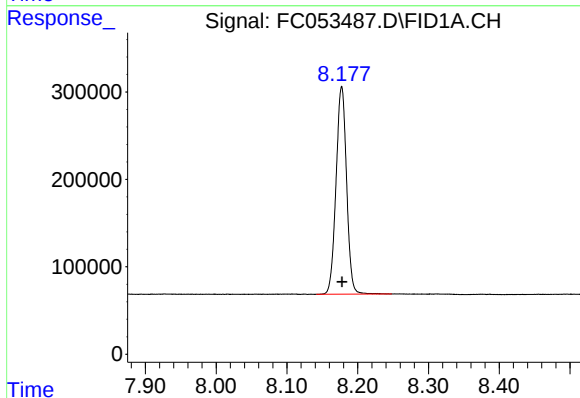
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 2703993
Conc: 20.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

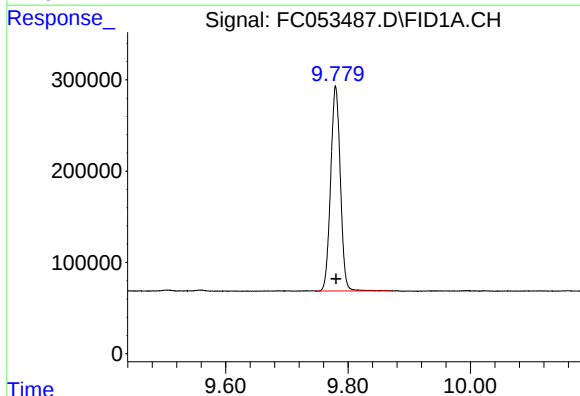
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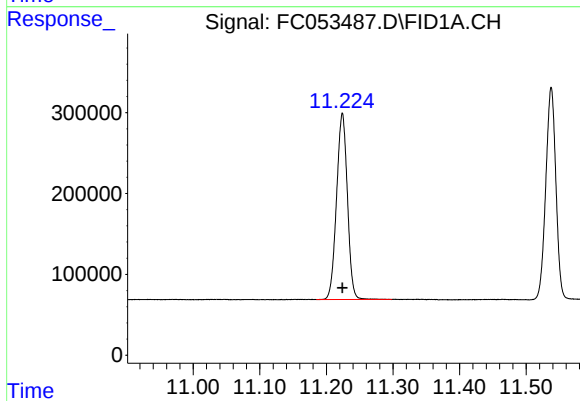
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2457168
Conc: 20.17 ug/ml



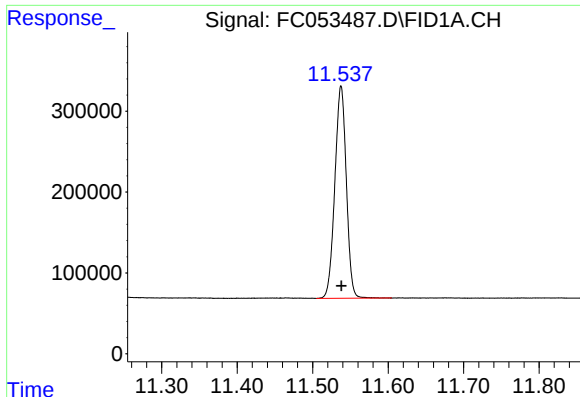
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2472089
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.224 min
Delta R.T.: 0.000 min
Response: 2606921
Conc: 20.02 ug/ml



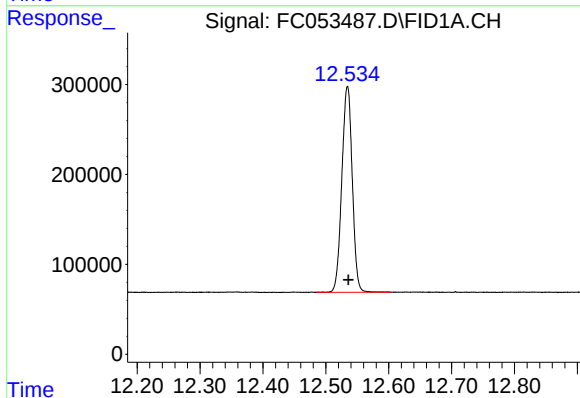
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: 0.000 min
Response: 2775300
Conc: 20.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

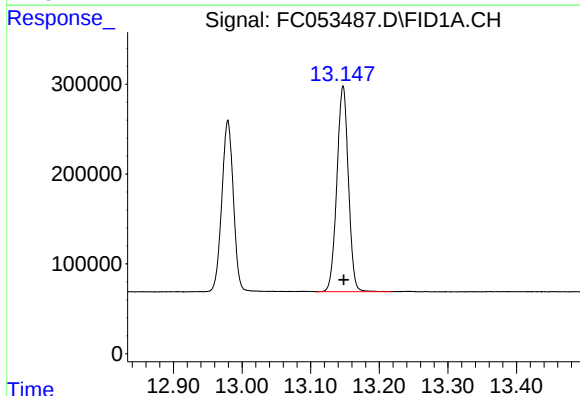
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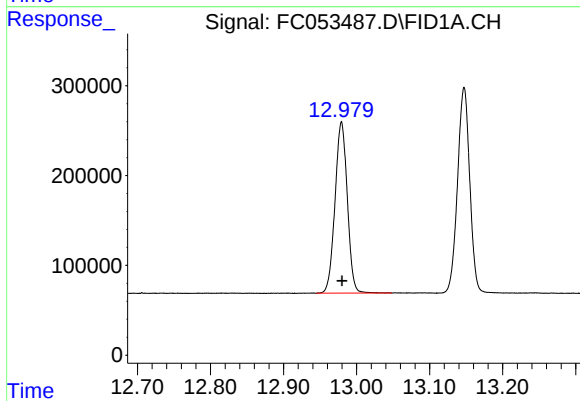
#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: -0.001 min
Response: 2643291
Conc: 19.97 ug/ml



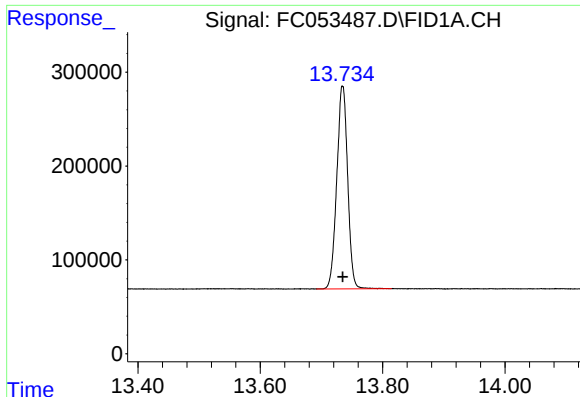
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.001 min
Response: 2663435
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: -0.001 min
Response: 2229413
Conc: 19.99 ug/ml



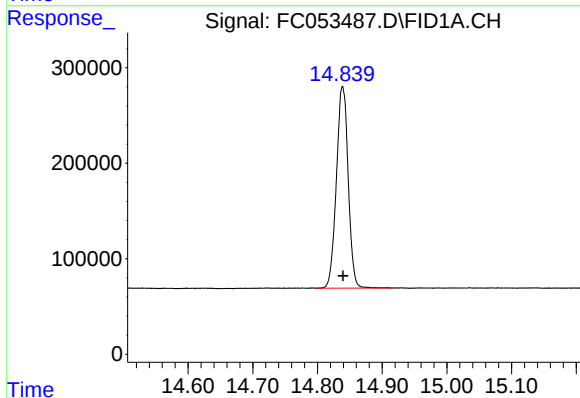
#13 n-Docosane (C22)

R.T.: 13.735 min
Delta R.T.: 0.000 min
Response: 2670408
Conc: 20.08 ug/ml

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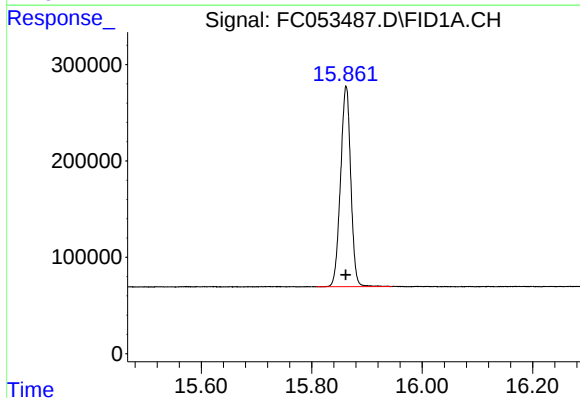
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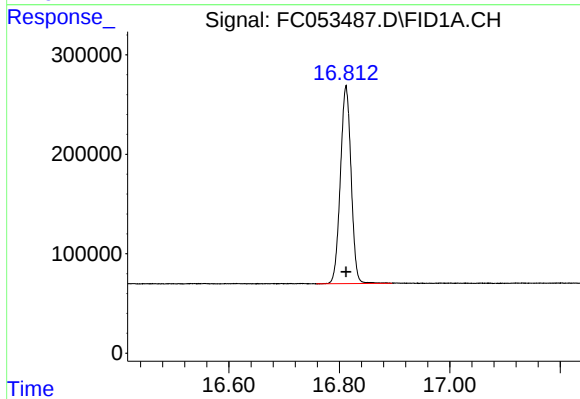
#14 n-Tetracosane (C24)

R.T.: 14.839 min
Delta R.T.: 0.000 min
Response: 2678885
Conc: 20.07 ug/ml



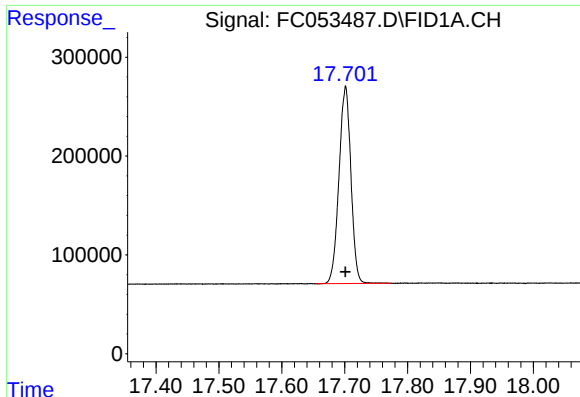
#15 n-Hexacosane (C26)

R.T.: 15.862 min
Delta R.T.: 0.000 min
Response: 2670933
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.812 min
Delta R.T.: 0.000 min
Response: 2668231
Conc: 20.38 ug/ml



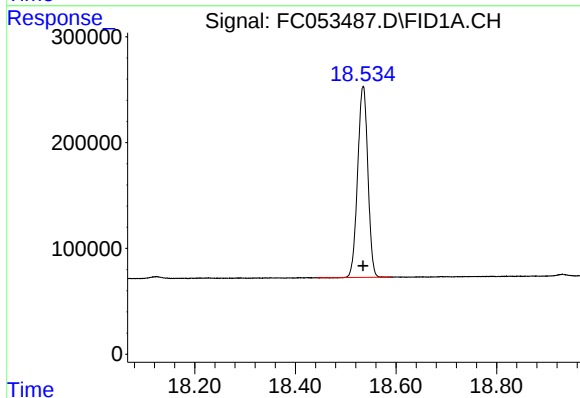
#17 n-Tricontane (C30)

R.T.: 17.701 min
Delta R.T.: 0.000 min
Response: 2632342
Conc: 20.18 ug/ml

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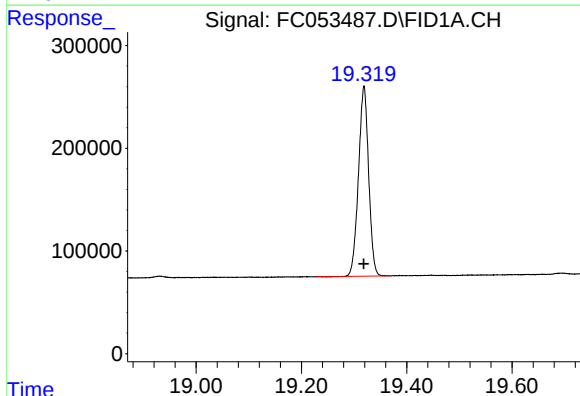
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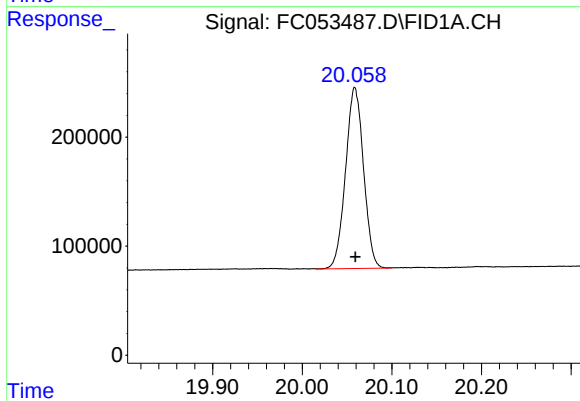
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: 0.000 min
Response: 2542974
Conc: 20.15 ug/ml



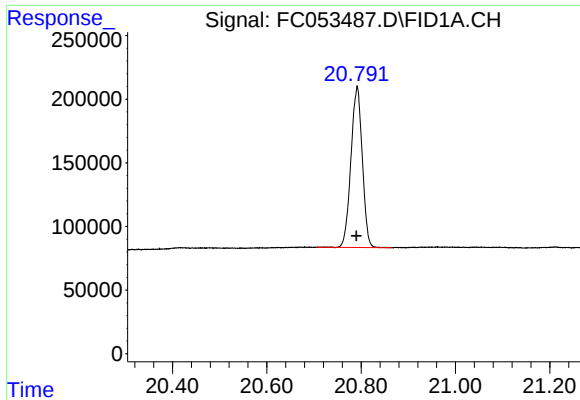
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min
Delta R.T.: 0.000 min
Response: 2474262
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: -0.002 min
Response: 2315017
Conc: 19.80 ug/ml m



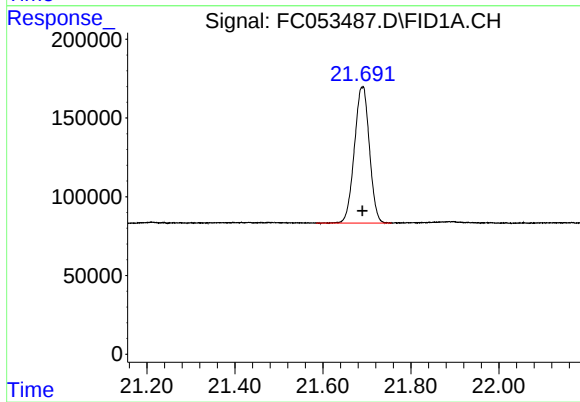
#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: 0.001 min
Response: 2107348
Conc: 20.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.690 min
Delta R.T.: 0.000 min
Response: 2047211
Conc: 20.54 ug/ml