

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062421AL\
 Data File : FC054443.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2021 1:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
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 6/25/2021 1:29:37 PM

Integration File: autoint1.e
 Quant Time: Jun 25 02:35:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.337	2762887	18.194 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
12) S 1-chlorooctadecane (S...	12.782	2105051	17.870 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
Target Compounds			
1) T n-Nonane (C9)	3.148	2686091	20.873 ug/ml
2) T n-Decane (C10)	4.203	2731969	21.313 ug/ml
3) T A~Naphthalene (C11.7)	5.771	2963612	20.517 ug/ml
4) T n-Dodecane (C12)	6.212	2736326	20.867 ug/ml
5) T A~2-methylnaphthalene...	6.824	2947871	20.418 ug/ml
6) T n-Tetradecane (C14)	8.000	2731642	20.603 ug/ml
7) T n-Hexadecane (C16)	9.596	2707427	20.015 ug/ml
8) T n-Octadecane (C18)	11.034	2685841	19.244 ug/ml
10) T n-Eicosane (C20)	12.339	2569664	18.507 ug/ml
11) T n-Heneicosane (C21)	12.950	2534349	18.142 ug/ml
13) T n-Docosane (C22)	13.535	2482471	17.940 ug/ml
14) T n-Tetracosane (C24)	14.636	2425759	17.614 ug/ml
15) T n-Hexacosane (C26)	15.655	2313572	17.176 ug/ml
16) T n-Octacosane (C28)	16.603	2283503	17.233 ug/mlm
17) T n-Tricontane (C30)	17.491	2409603	18.747 ug/ml
18) T n-Dotriacontane (C32)	18.322	2270194	18.451 ug/ml
19) T n-Tetratriacontane (C34)	19.106	2276507	19.460 ug/mlm
20) T n-Hexatriacontane (C36)	19.844	2211919	20.039 ug/ml
21) T n-Octatriacontane (C38)	20.548	2148670	21.019 ug/mlm
22) T n-Tetracontane (C40)	21.374	2200058	20.561 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

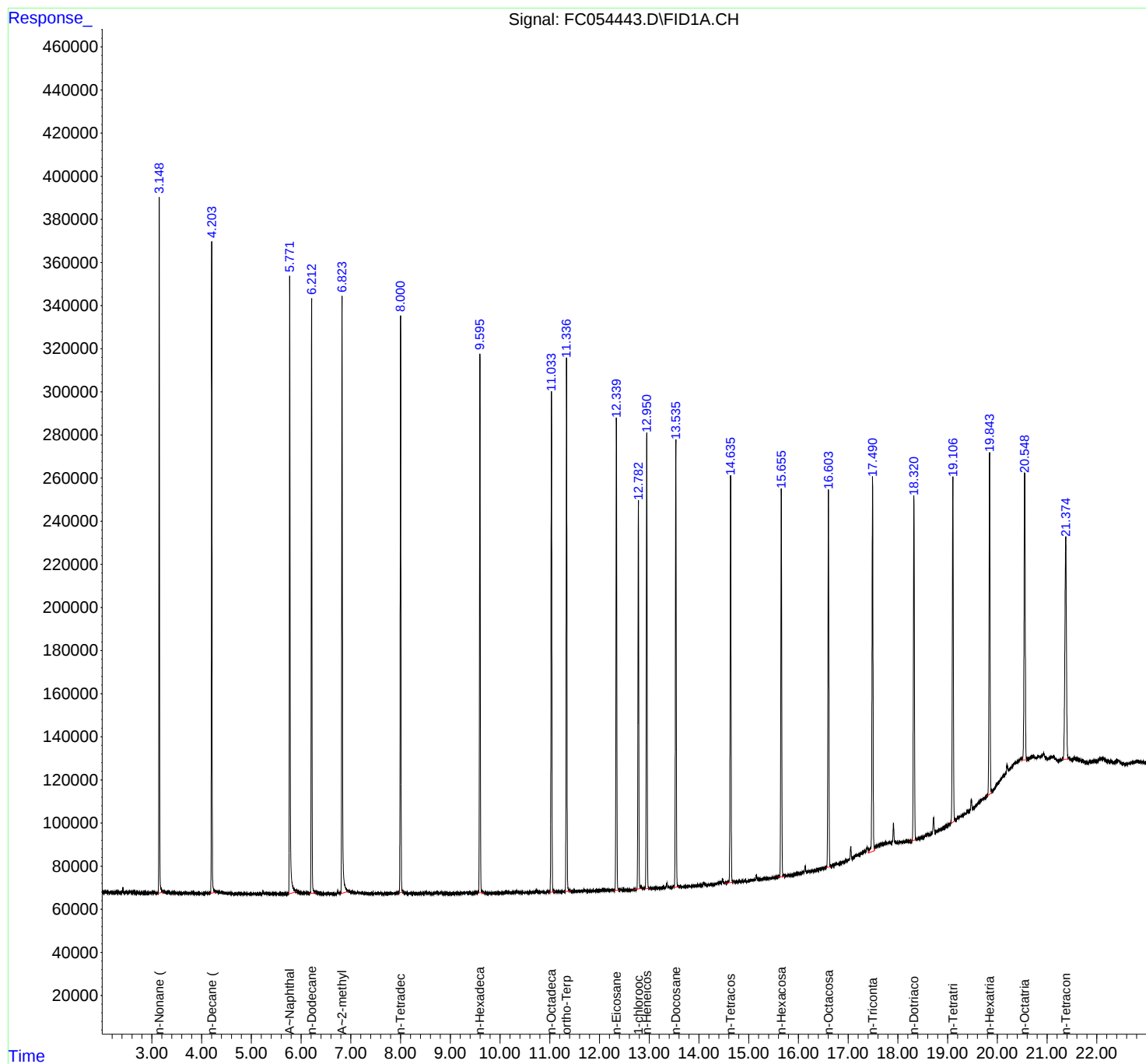
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

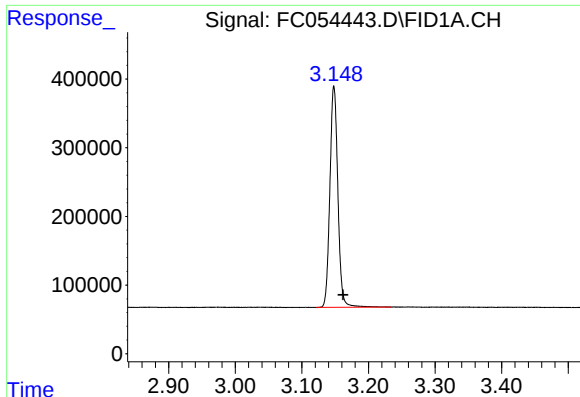
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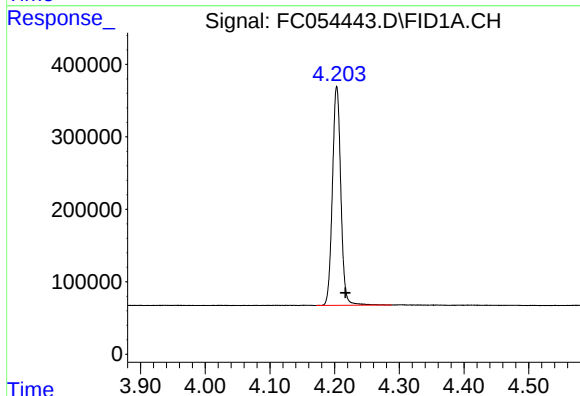
#1 n-Nonane (C9)

R.T.: 3.148 min
Delta R.T.: -0.014 min
Response: 2686091
Conc: 20.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

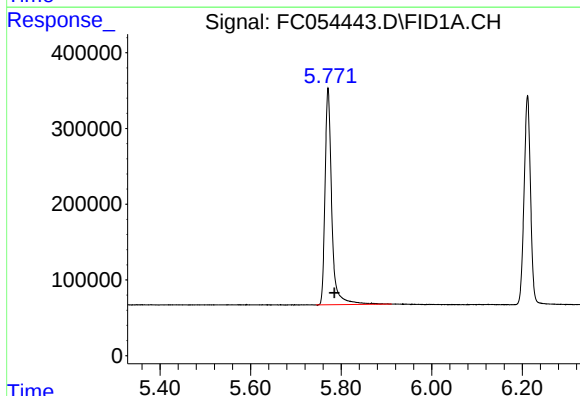
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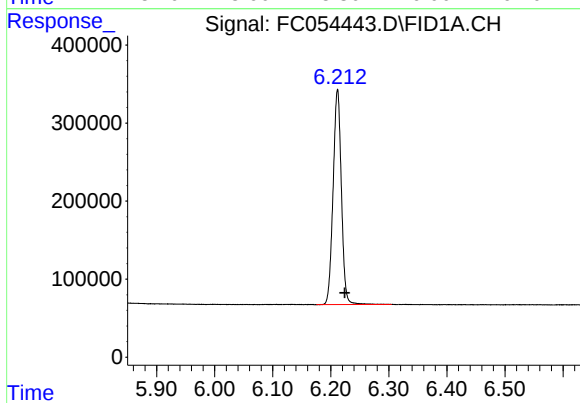
#2 n-Decane (C10)

R.T.: 4.203 min
Delta R.T.: -0.014 min
Response: 2731969
Conc: 21.31 ug/ml



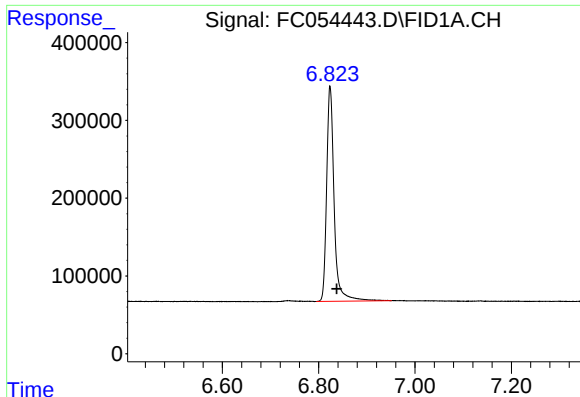
#3 A~Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 2963612
Conc: 20.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.212 min
Delta R.T.: -0.012 min
Response: 2736326
Conc: 20.87 ug/ml



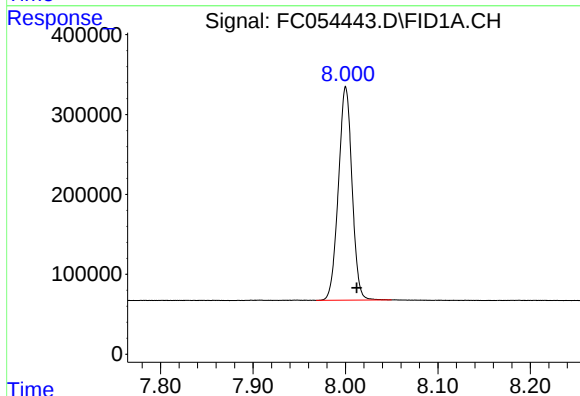
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.013 min
Response: 2947871
Conc: 20.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

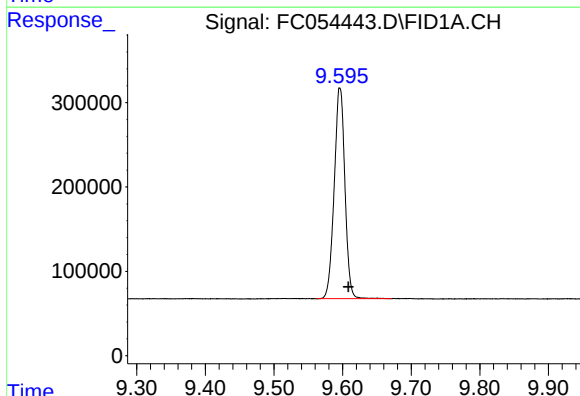
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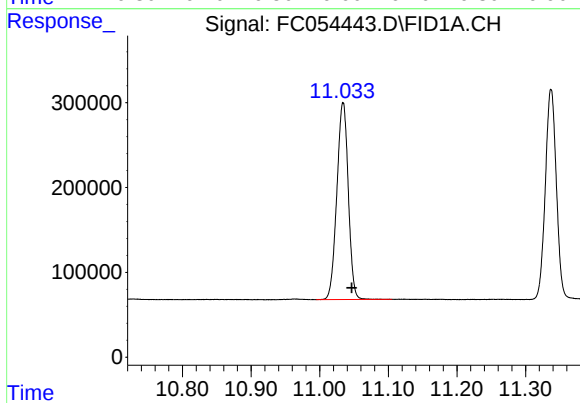
#6 n-Tetradecane (C14)

R.T.: 8.000 min
Delta R.T.: -0.012 min
Response: 2731642
Conc: 20.60 ug/ml



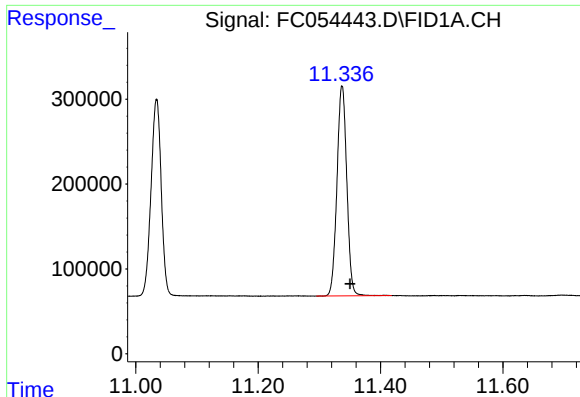
#7 n-Hexadecane (C16)

R.T.: 9.596 min
Delta R.T.: -0.012 min
Response: 2707427
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.034 min
Delta R.T.: -0.012 min
Response: 2685841
Conc: 19.24 ug/ml



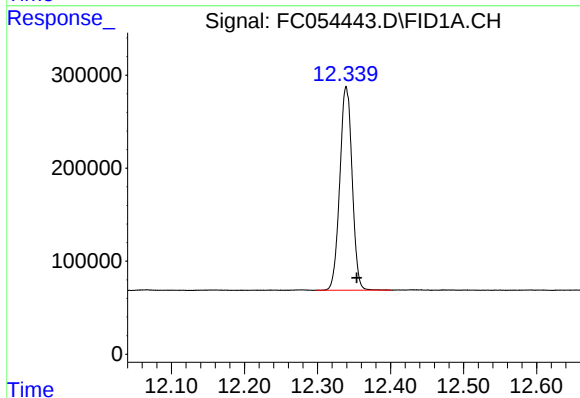
#9 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.013 min
Response: 2762887
Conc: 18.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

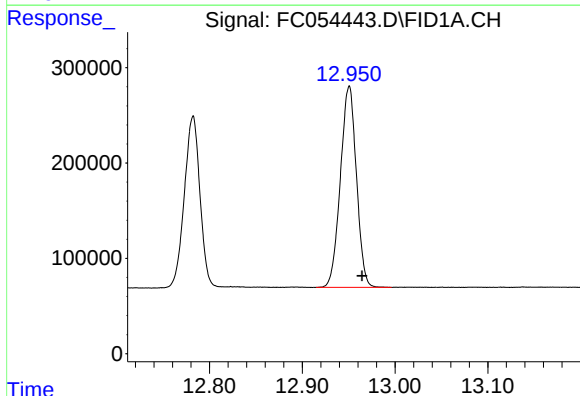
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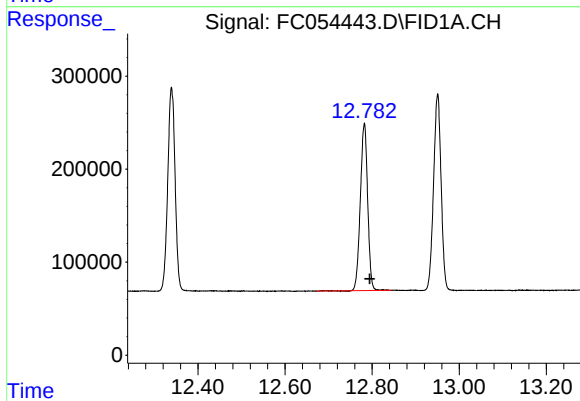
#10 n-Eicosane (C20)

R.T.: 12.339 min
Delta R.T.: -0.014 min
Response: 2569664
Conc: 18.51 ug/ml



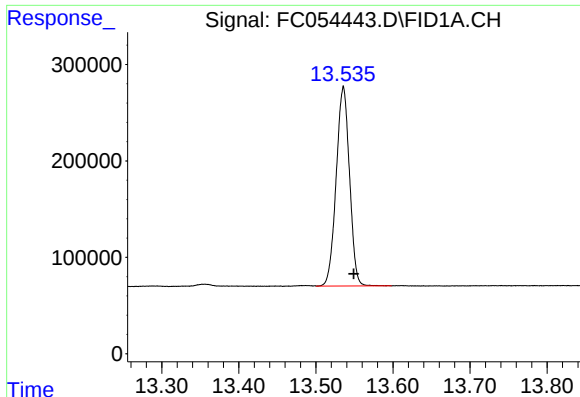
#11 n-Heneicosane (C21)

R.T.: 12.950 min
Delta R.T.: -0.014 min
Response: 2534349
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.782 min
Delta R.T.: -0.013 min
Response: 2105051
Conc: 17.87 ug/ml



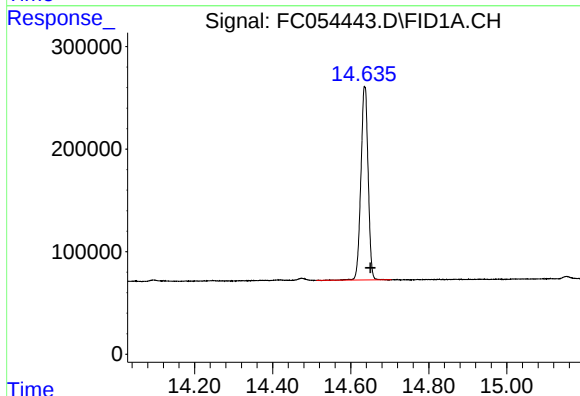
#13 n-Docosane (C22)

R.T.: 13.535 min
Delta R.T.: -0.014 min
Response: 2482471
Conc: 17.94 ug/ml

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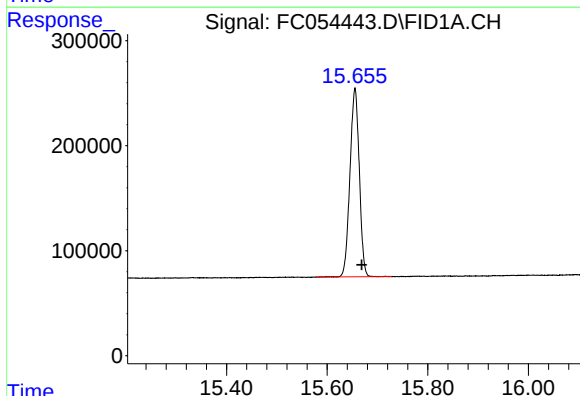
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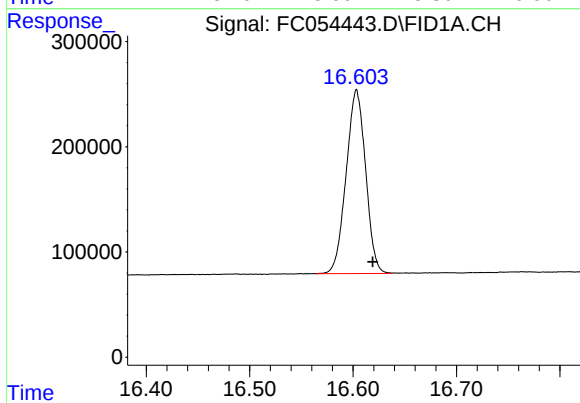
#14 n-Tetracosane (C24)

R.T.: 14.636 min
Delta R.T.: -0.015 min
Response: 2425759
Conc: 17.61 ug/ml



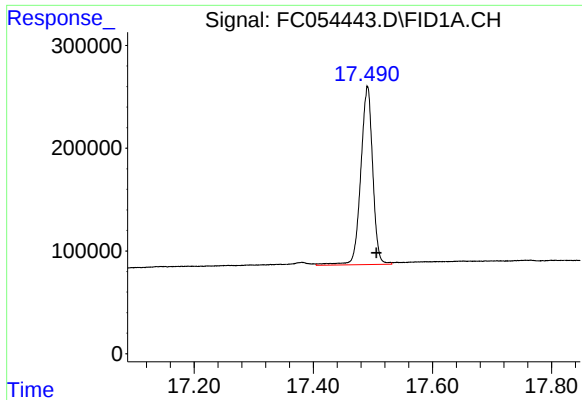
#15 n-Hexacosane (C26)

R.T.: 15.655 min
Delta R.T.: -0.014 min
Response: 2313572
Conc: 17.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.603 min
Delta R.T.: -0.016 min
Response: 2283503
Conc: 17.23 ug/ml m



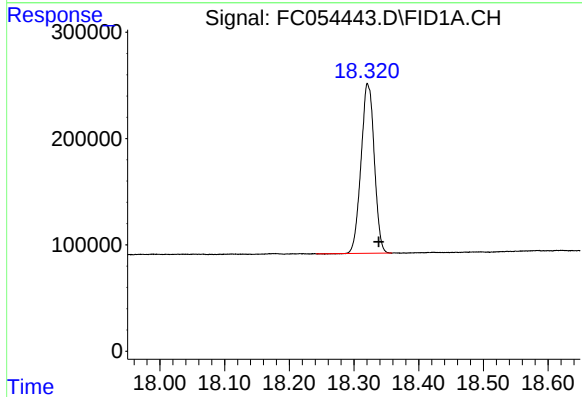
#17 n-Tricontane (C30)

R.T.: 17.491 min
Delta R.T.: -0.015 min
Response: 2409603
Conc: 18.75 ug/ml

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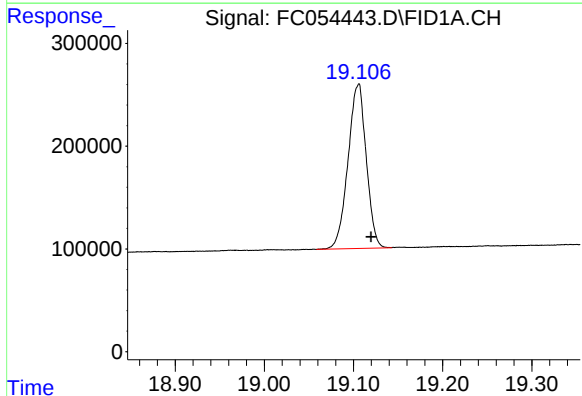
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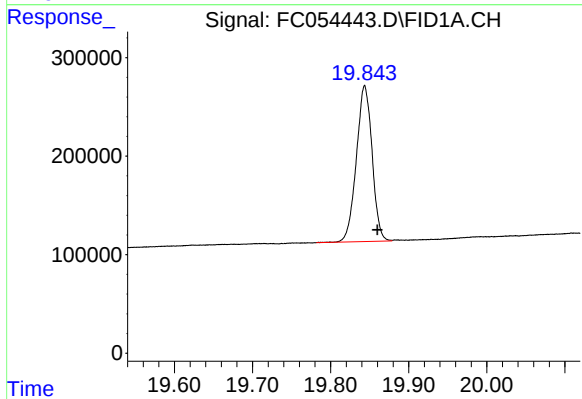
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: -0.016 min
Response: 2270194
Conc: 18.45 ug/ml



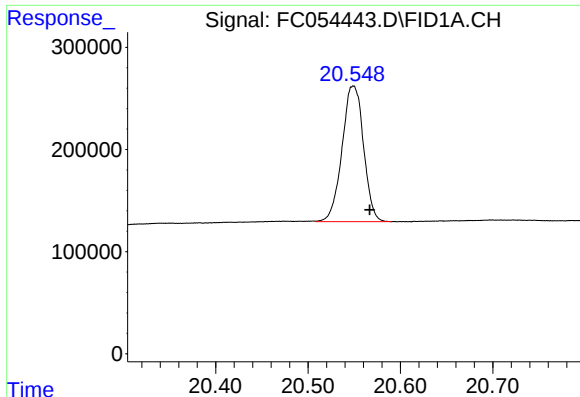
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: -0.014 min
Response: 2276507
Conc: 19.46 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: -0.016 min
Response: 2211919
Conc: 20.04 ug/ml



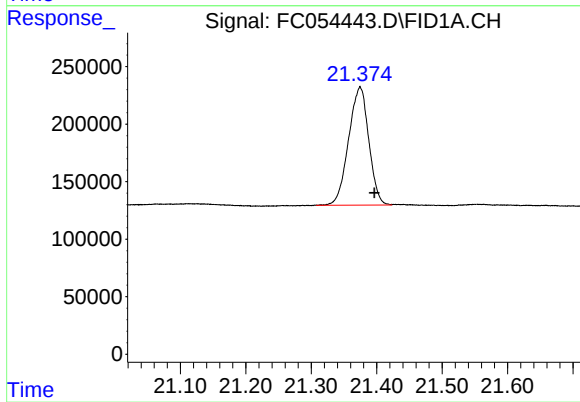
#21 n-Octatriacontane (C38)

R.T.: 20.548 min
Delta R.T.: -0.019 min
Response: 2148670
Conc: 21.02 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.374 min
Delta R.T.: -0.022 min
Response: 2200058
Conc: 20.56 ug/ml m