

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091421AL\
 Data File : FC055646.D
 Signal(s) : FID1A.CH
 Acq On : 15 Sep 2021 2:52
 Operator : AJ\MA
 Sample : M3720-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WQ-SOILPILEMSD

Manual Integrations
 APPROVED

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 9/17/2021 3:10:38 PM

Integration File: sample.E
 Quant Time: Sep 15 04:06:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.658	5132258	41.082 ug/ml
Spiked Amount 50.000		Recovery =	82.16%
12) S 1-chlorooctadecane (S...	13.090	4013729	40.556 ug/ml
Spiked Amount 50.000		Recovery =	81.11%
Target Compounds			
1) T n-Nonane (C9)	3.401	3683192	34.074 ug/ml
2) T n-Decane (C10)	4.472	4262894	39.095 ug/ml
3) T A~Naphthalene (C11.7)	6.064	4725188	38.347 ug/ml
4) T n-Dodecane (C12)	6.493	4659979	42.559 ug/ml
5) T A~2-methylnaphthalene...	7.123	4669975	37.526 ug/ml
6) T n-Tetradecane (C14)	8.292	4802127	43.116 ug/ml
7) T n-Hexadecane (C16)	9.892	4994857	44.196 ug/ml
8) T n-Octadecane (C18)	11.336	5147547	44.213 ug/ml
10) T n-Eicosane (C20)	12.645	4884419	41.802 ug/ml
11) T n-Heneicosane (C21)	13.257	4777281	40.590 ug/ml
13) T n-Docosane (C22)	13.842	4786254	41.030 ug/ml
14) T n-Tetracosane (C24)	14.942	8944722	76.806 ug/ml
15) T n-Hexacosane (C26)	15.967	4361250	38.499 ug/ml
16) T n-Octacosane (C28)	16.914	4303490	38.891 ug/ml
17) T n-Tricontane (C30)	17.801	4206021	39.555 ug/ml
18) T n-Dotriacontane (C32)	18.631	4134297	41.252 ug/ml
19) T n-Tetratriacontane (C34)	19.412	3870327	41.008 ug/mlm
20) T n-Hexatriacontane (C36)	20.151	3539744	40.769 ug/ml
21) T n-Octatriacontane (C38)	20.897	3239604	39.745 ug/ml
22) T n-Tetracontane (C40)	21.831	3260299	40.594 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : M3720-02MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

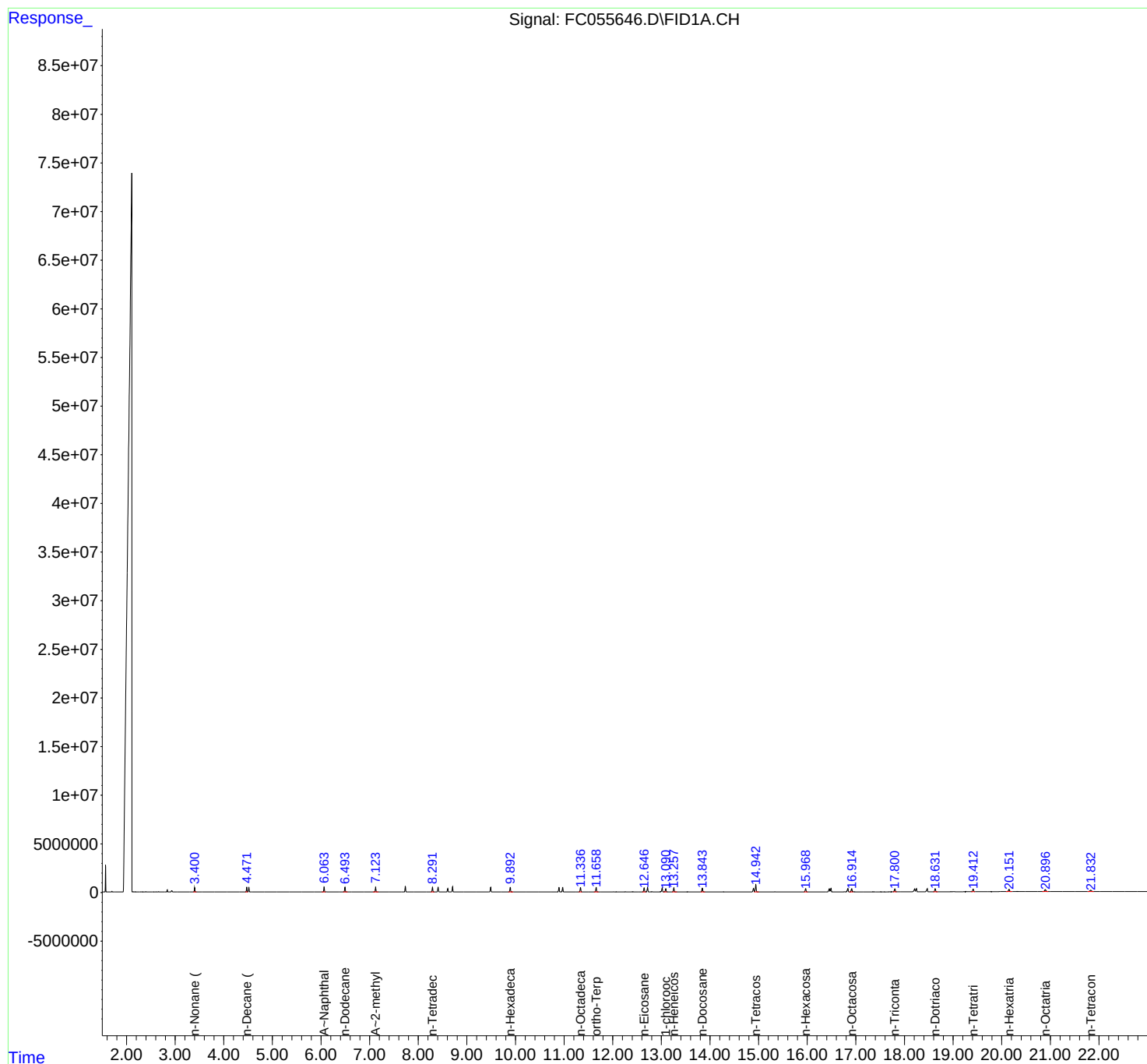
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WQ-SOILPILEMSD

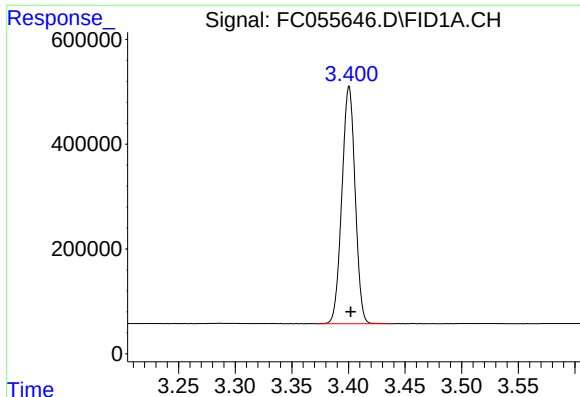
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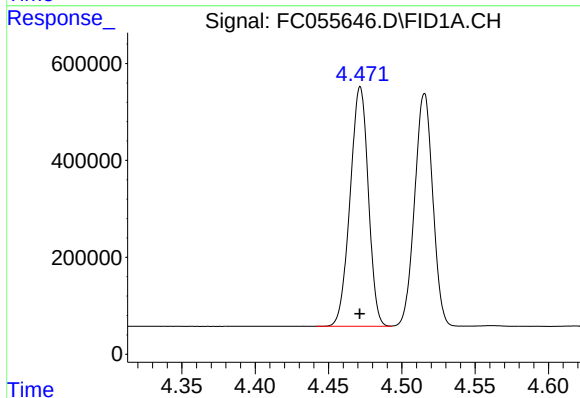
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.001 min
Response: 3683192
Conc: 34.07 ug/ml

Instrument :
FID_C
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WQ-SOILPILEMSD

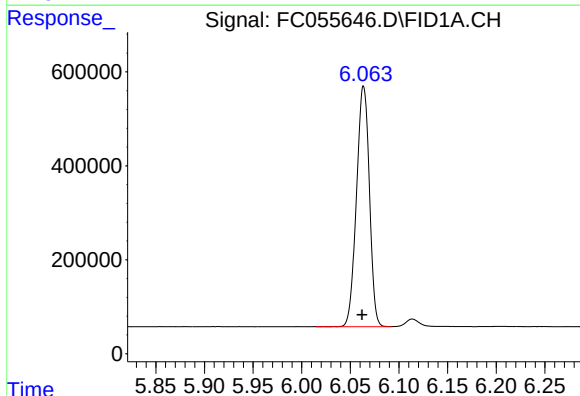
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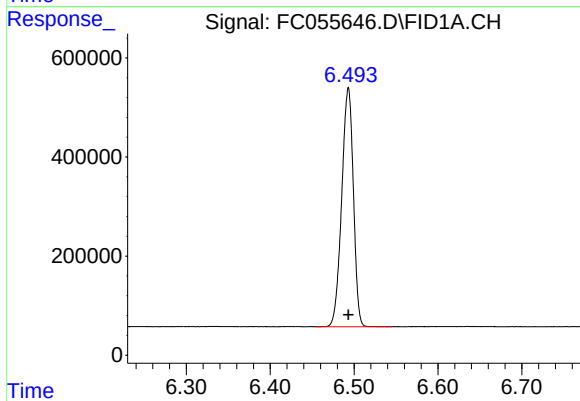
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 4262894
Conc: 39.09 ug/ml



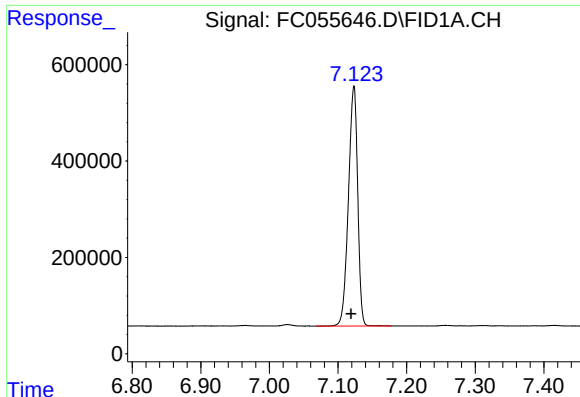
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 4725188
Conc: 38.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 4659979
Conc: 42.56 ug/ml



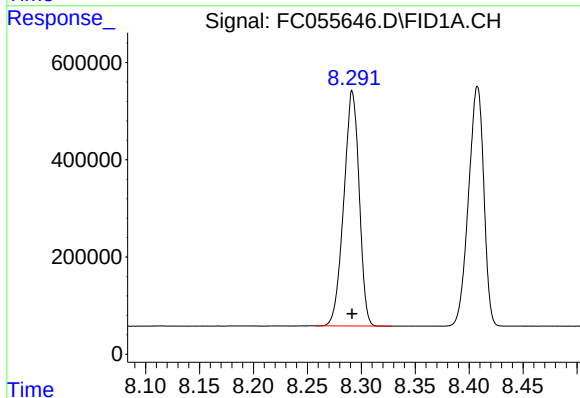
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: 0.004 min
Response: 4669975
Conc: 37.53 ug/ml

Instrument :
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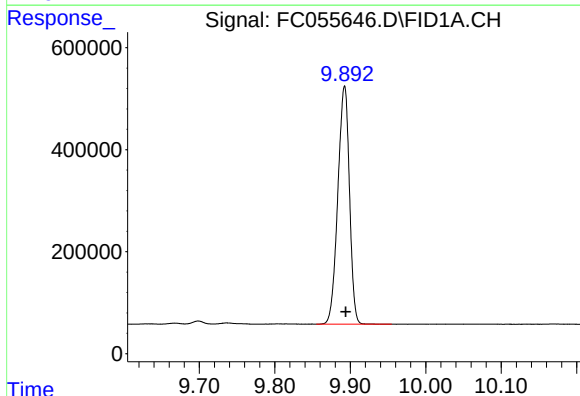
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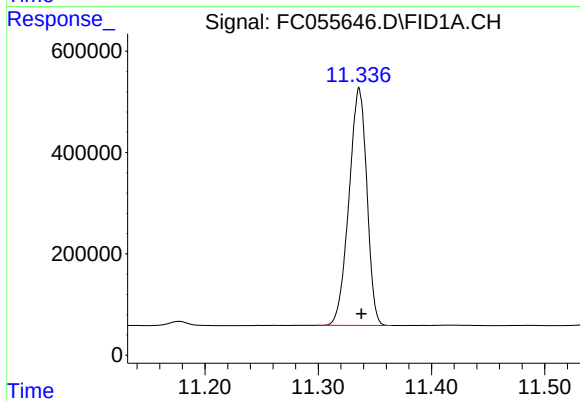
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 4802127
Conc: 43.12 ug/ml



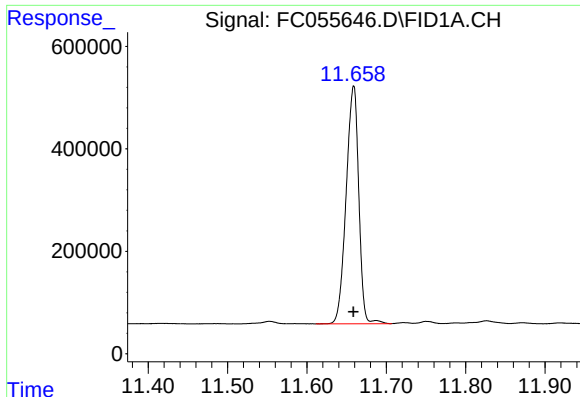
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: -0.002 min
Response: 4994857
Conc: 44.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: -0.002 min
Response: 5147547
Conc: 44.21 ug/ml



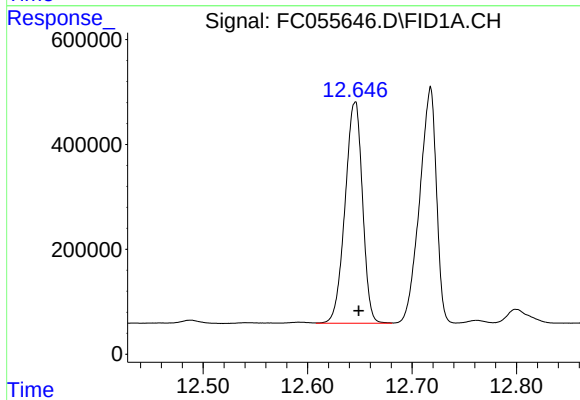
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 5132258
Conc: 41.08 ug/ml

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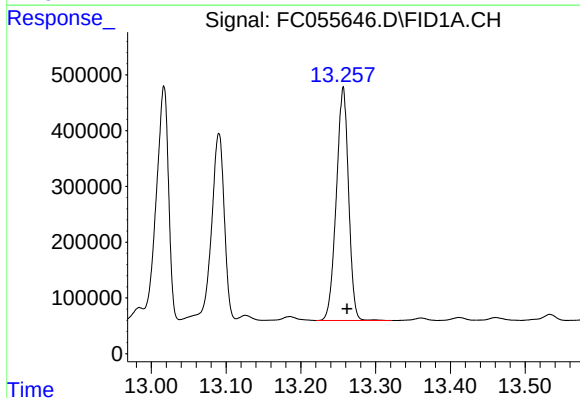
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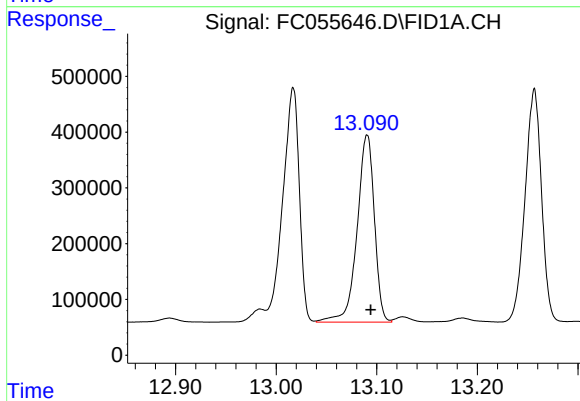
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.004 min
Response: 4884419
Conc: 41.80 ug/ml



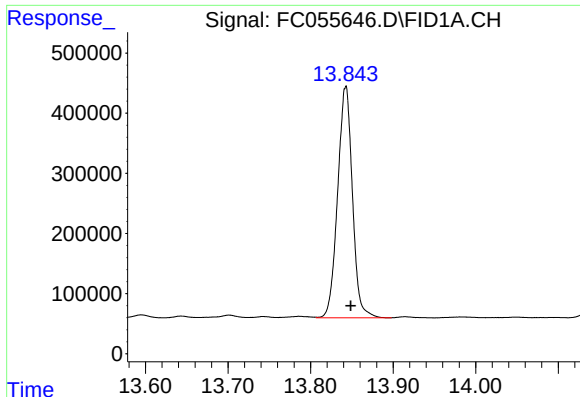
#11 n-Heneicosane (C21)

R.T.: 13.257 min
Delta R.T.: -0.005 min
Response: 4777281
Conc: 40.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.090 min
Delta R.T.: -0.004 min
Response: 4013729
Conc: 40.56 ug/ml



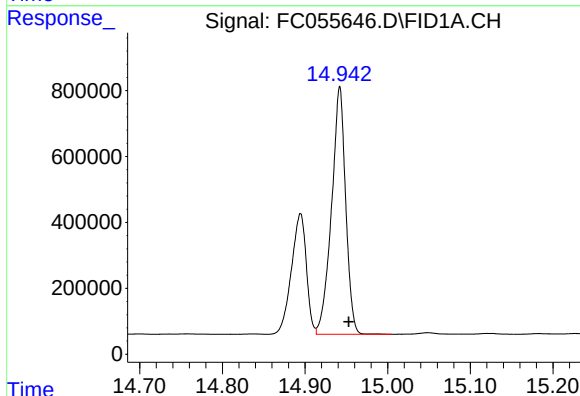
#13 n-Docosane (C22)

R.T.: 13.842 min
Delta R.T.: -0.006 min
Response: 4786254
Conc: 41.03 ug/ml

Instrument :
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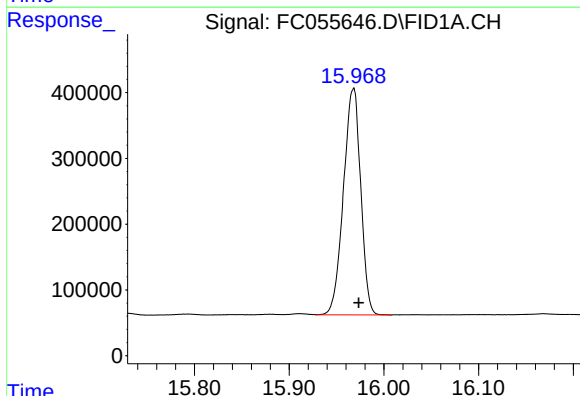
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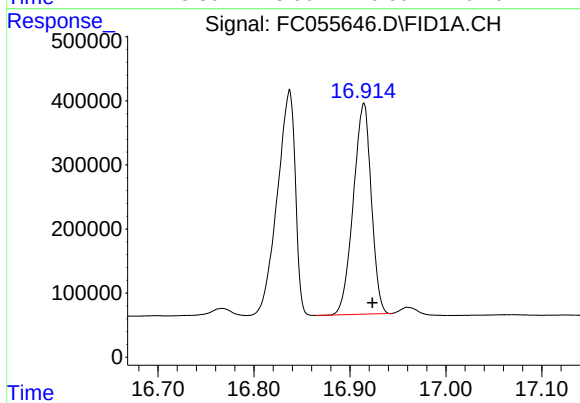
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: -0.011 min
Response: 8944722
Conc: 76.81 ug/ml



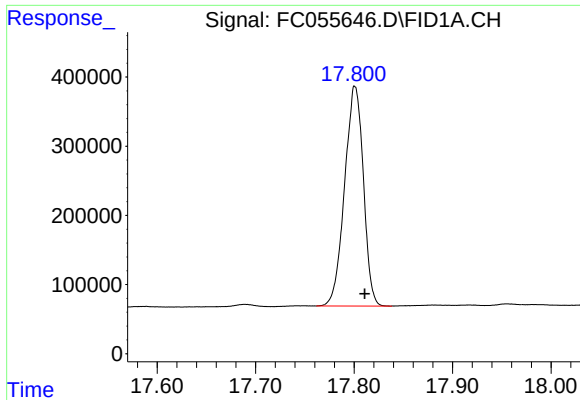
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.006 min
Response: 4361250
Conc: 38.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: -0.009 min
Response: 4303490
Conc: 38.89 ug/ml



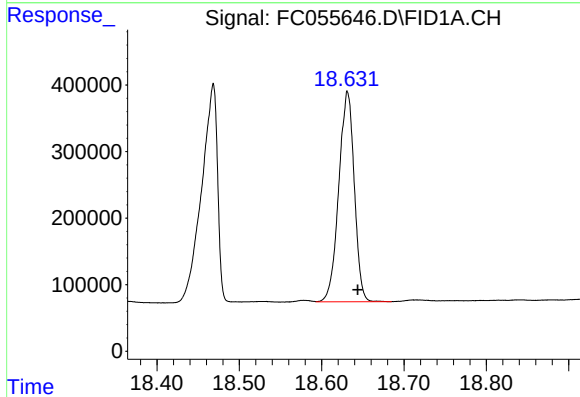
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: -0.010 min
Response: 4206021
Conc: 39.55 ug/ml

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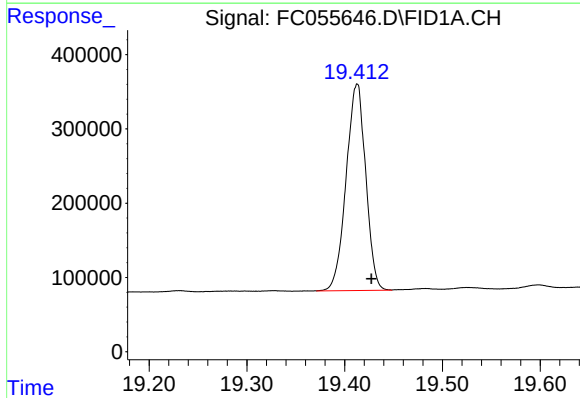
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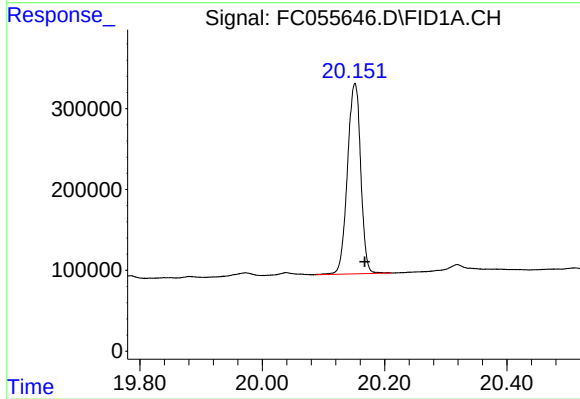
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.013 min
Response: 4134297
Conc: 41.25 ug/ml



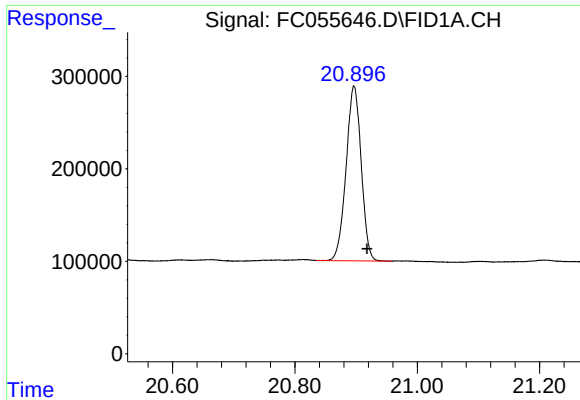
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.015 min
Response: 3870327
Conc: 41.01 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.016 min
Response: 3539744
Conc: 40.77 ug/ml



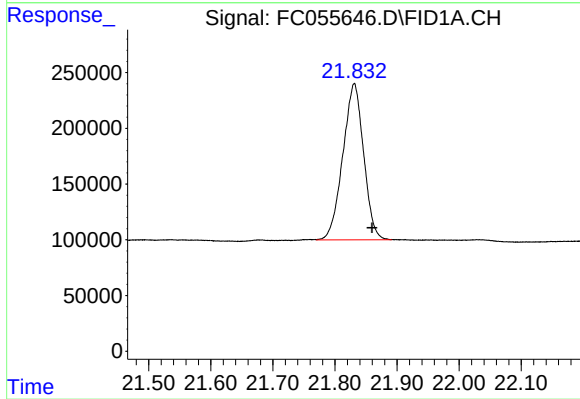
#21 n-Octatriacontane (C38)

R.T.: 20.897 min
Delta R.T.: -0.021 min
Response: 3239604
Conc: 39.75 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.831 min
Delta R.T.: -0.028 min
Response: 3260299
Conc: 40.59 ug/ml m