

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062520AL\
 Data File : FC048099.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jun 2020 10:31
 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
 APPROVED

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 6/26/2020 11:43:10 AM

Integration File: autoint1.e
 Quant Time: Jun 26 11:03:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 2020
 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)	11.721	2354539	19.628 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.134	1897586	19.376 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	3.536	2133395	21.319 ug/ml
2) T n-Decane (C10)	4.598	2173423	21.631 ug/ml
3) T A~Naphthalene (C11.7)	6.197	2159817	21.345 ug/ml
4) T n-Dodecane (C12)	6.596	2268004	21.665 ug/ml
5) T A~2-methylnaphthalene...	7.244	2151161	20.778 ug/ml
6) T n-Tetradecane (C14)	8.373	2263155	21.563 ug/ml
7) T n-Hexadecane (C16)	9.959	2229597	21.340 ug/ml
8) T n-Octadecane (C18)	11.389	2302667	20.715 ug/ml
10) T n-Eicosane (C20)	12.688	2268144	19.930 ug/ml
11) T n-Heneicosane (C21)	13.296	2233200	19.515 ug/ml
13) T n-Docosane (C22)	13.878	2180620	19.010 ug/ml
14) T n-Tetracosane (C24)	14.972	2092327	18.208 ug/ml
15) T n-Hexacosane (C26)	15.986	2003757	17.542 ug/ml
16) T n-Octacosane (C28)	16.929	1976795	17.393 ug/ml
17) T n-Tricontane (C30)	17.812	1974624	18.017 ug/ml
18) T n-Dotriacontane (C32)	18.640	1851222	18.674 ug/ml
19) T n-Tetratriacontane (C34)	19.420	1772049	19.349 ug/mlm
20) T n-Hexatriacontane (C36)	20.153	1686393	19.665 ug/mlm
21) T n-Octatriacontane (C38)	20.903	1646148	20.671 ug/mlm
22) T n-Tetracontane (C40)	21.839	1619601	20.484 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

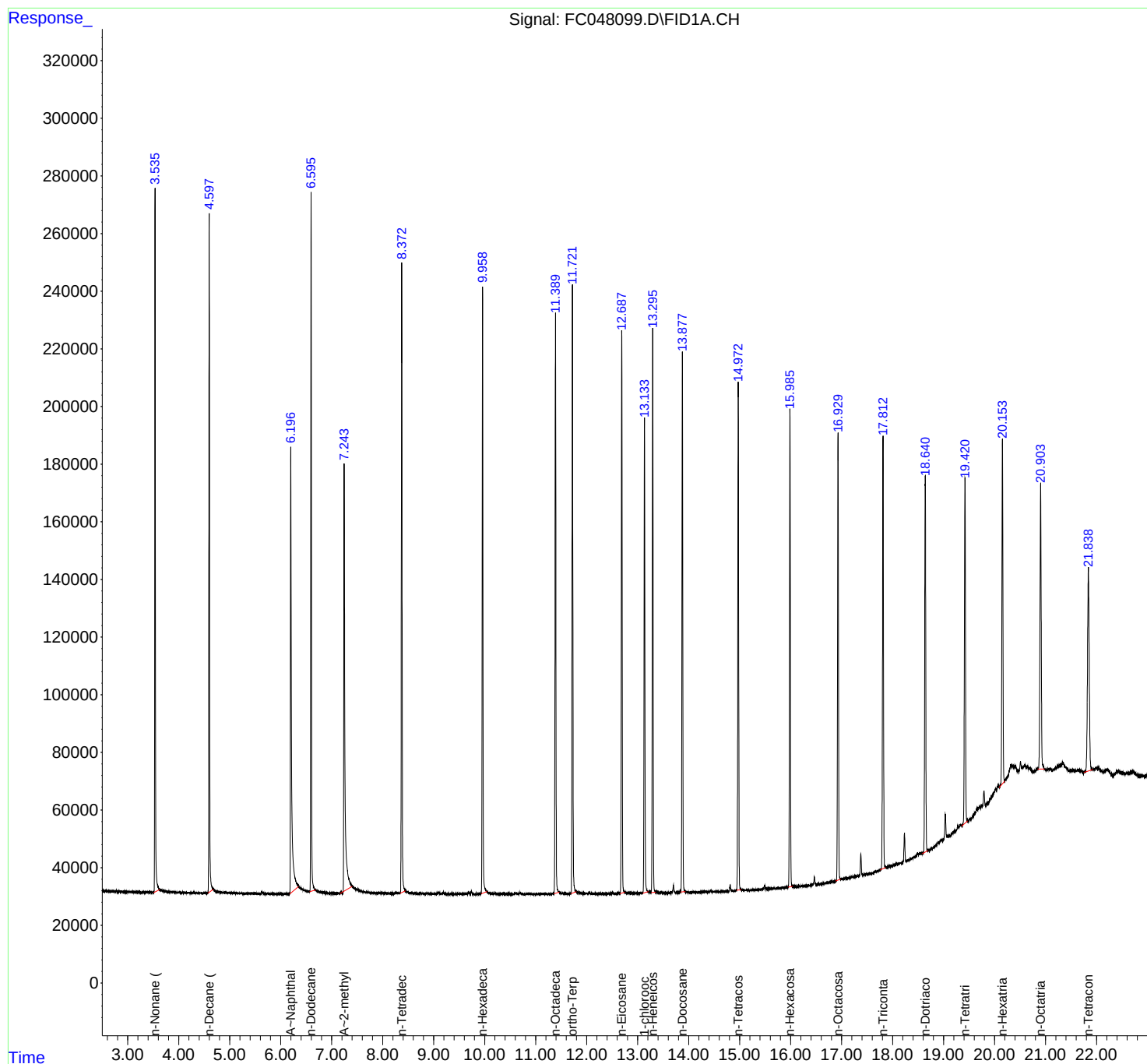
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

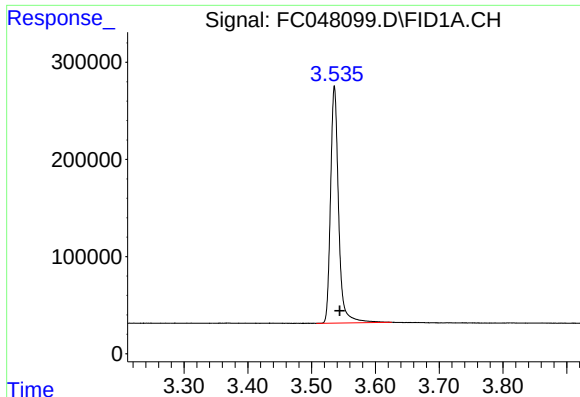
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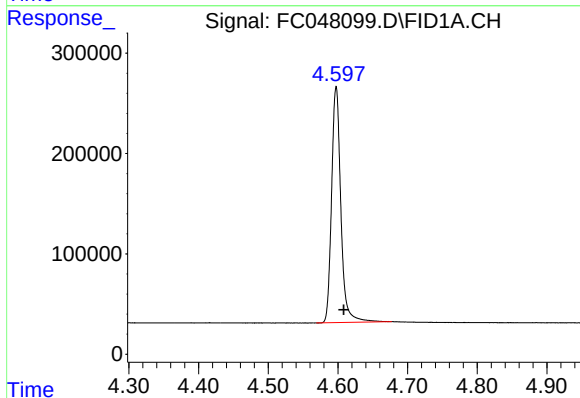
#1 n-Nonane (C9)

R.T.: 3.536 min
Delta R.T.: -0.008 min
Response: 2133395
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

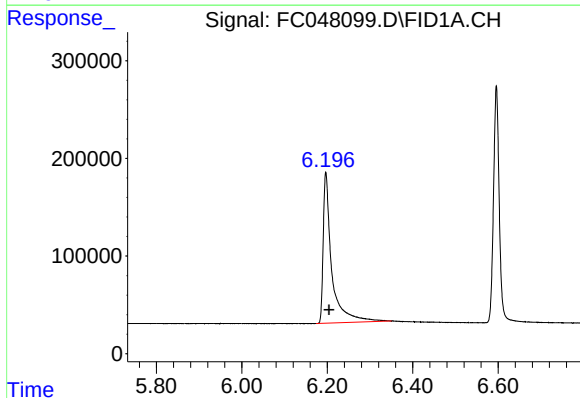
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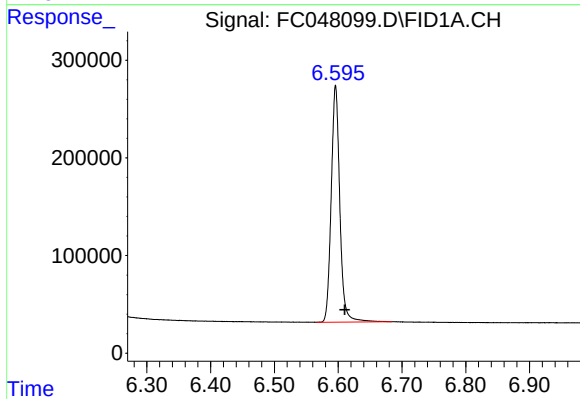
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.011 min
Response: 2173423
Conc: 21.63 ug/ml



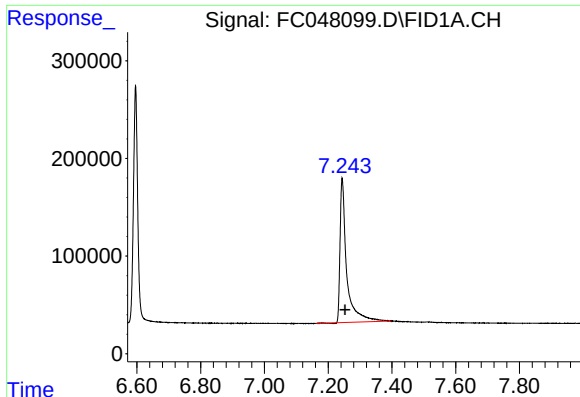
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 2159817
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.596 min
Delta R.T.: -0.014 min
Response: 2268004
Conc: 21.67 ug/ml



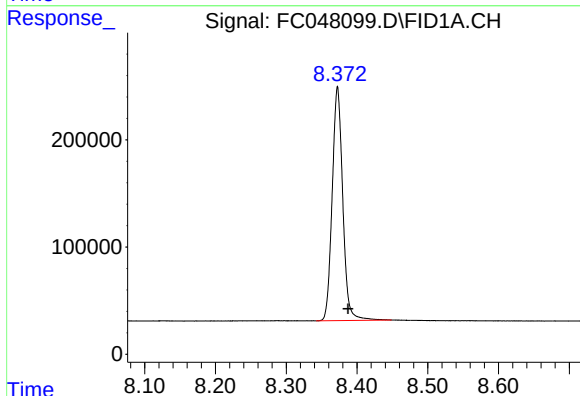
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: -0.009 min
Response: 2151161
Conc: 20.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

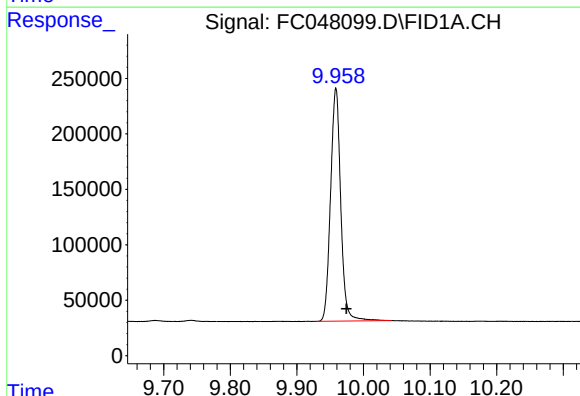
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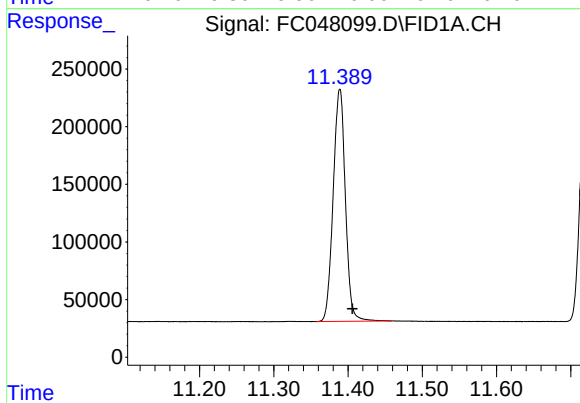
#6 n-Tetradecane (C14)

R.T.: 8.373 min
Delta R.T.: -0.015 min
Response: 2263155
Conc: 21.56 ug/ml



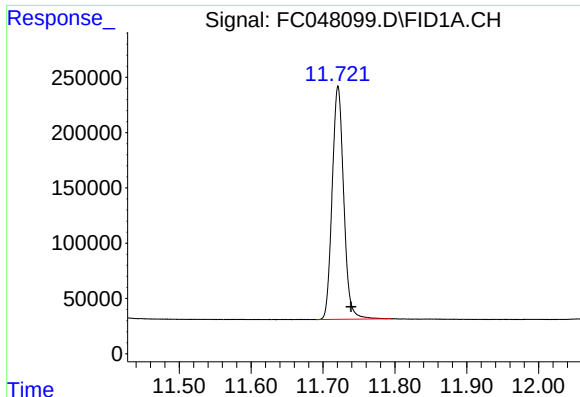
#7 n-Hexadecane (C16)

R.T.: 9.959 min
Delta R.T.: -0.016 min
Response: 2229597
Conc: 21.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: -0.017 min
Response: 2302667
Conc: 20.71 ug/ml



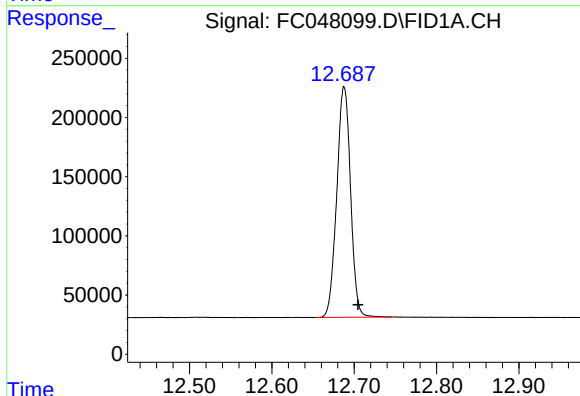
#9 ortho-Terphenyl (SURR)

R.T.: 11.721 min
Delta R.T.: -0.018 min
Response: 2354539
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

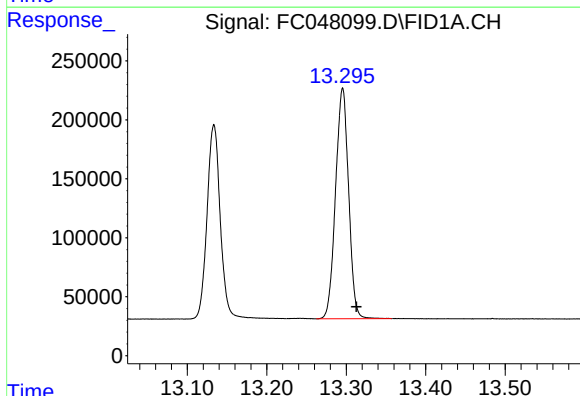
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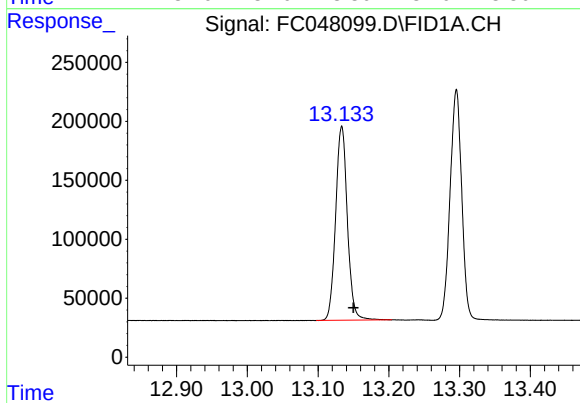
#10 n-Eicosane (C20)

R.T.: 12.688 min
Delta R.T.: -0.017 min
Response: 2268144
Conc: 19.93 ug/ml



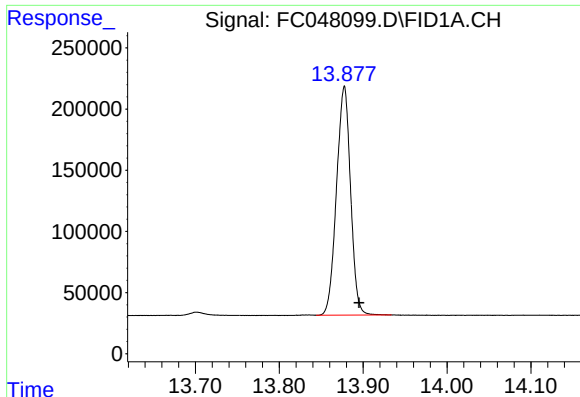
#11 n-Heneicosane (C21)

R.T.: 13.296 min
Delta R.T.: -0.017 min
Response: 2233200
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.134 min
Delta R.T.: -0.017 min
Response: 1897586
Conc: 19.38 ug/ml



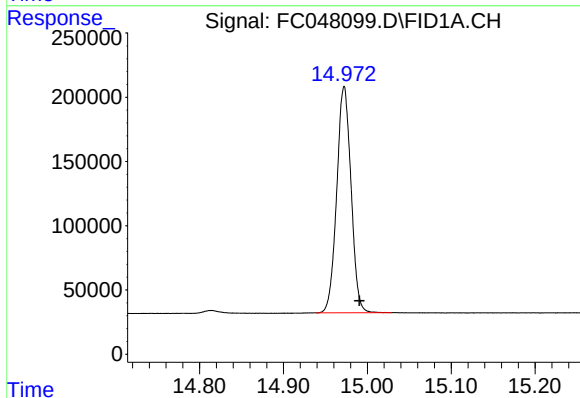
#13 n-Docosane (C22)

R.T.: 13.878 min
Delta R.T.: -0.018 min
Response: 2180620
Conc: 19.01 ug/ml

Instrument :
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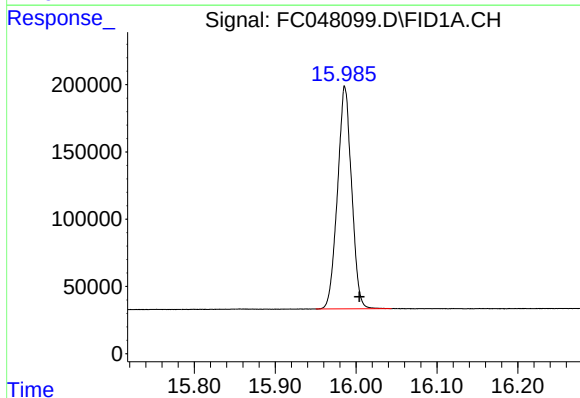
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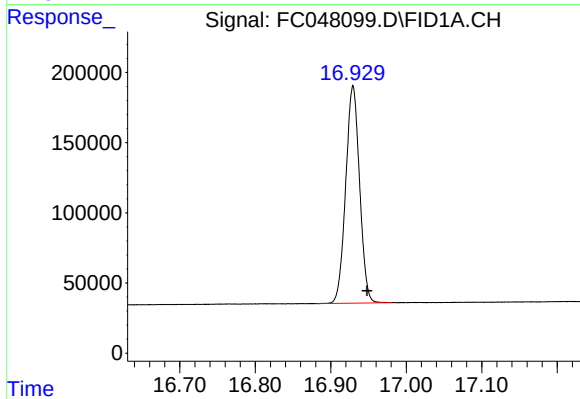
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.018 min
Response: 2092327
Conc: 18.21 ug/ml



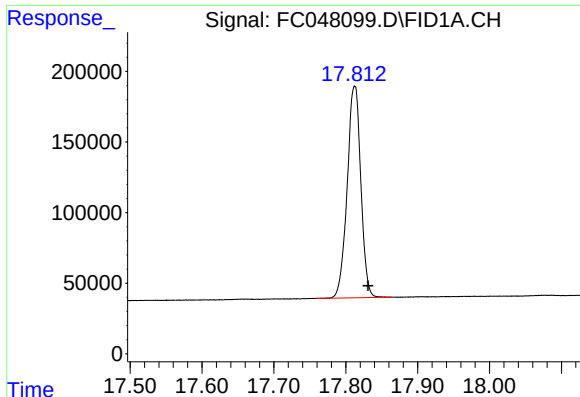
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: -0.018 min
Response: 2003757
Conc: 17.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.019 min
Response: 1976795
Conc: 17.39 ug/ml



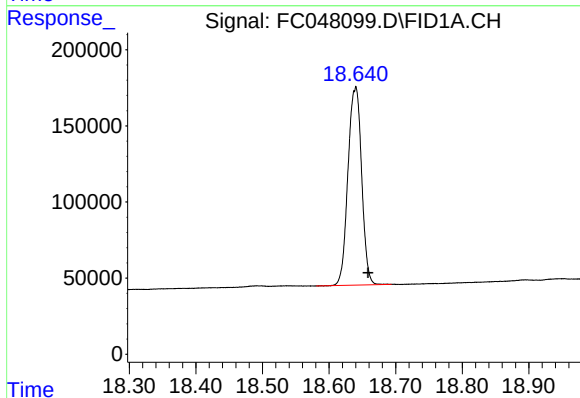
#17 n-Tricontane (C30)

R.T.: 17.812 min
Delta R.T.: -0.018 min
Response: 1974624
Conc: 18.02 ug/ml

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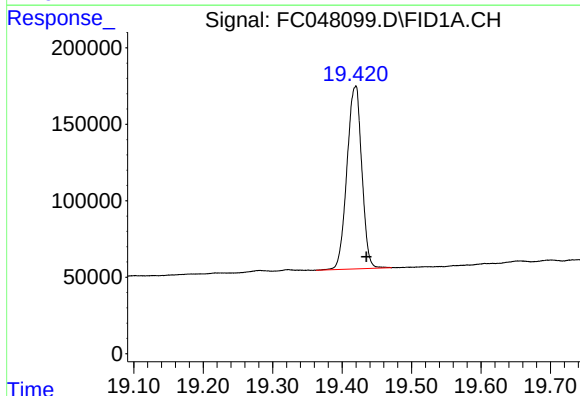
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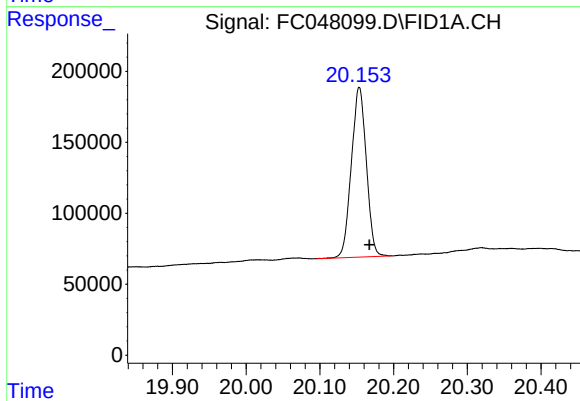
#18 n-Dotriacontane (C32)

R.T.: 18.640 min
Delta R.T.: -0.018 min
Response: 1851222
Conc: 18.67 ug/ml



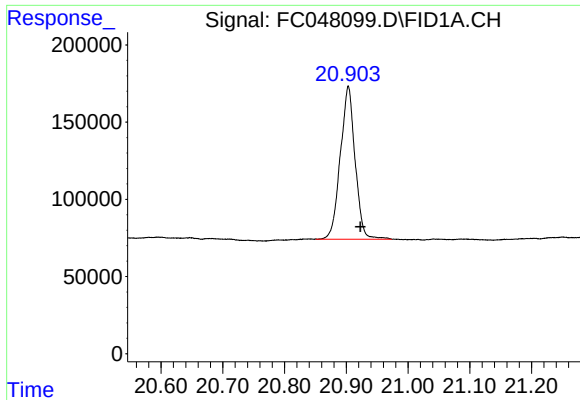
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min
Delta R.T.: -0.016 min
Response: 1772049
Conc: 19.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.153 min
Delta R.T.: -0.014 min
Response: 1686393
Conc: 19.66 ug/ml m



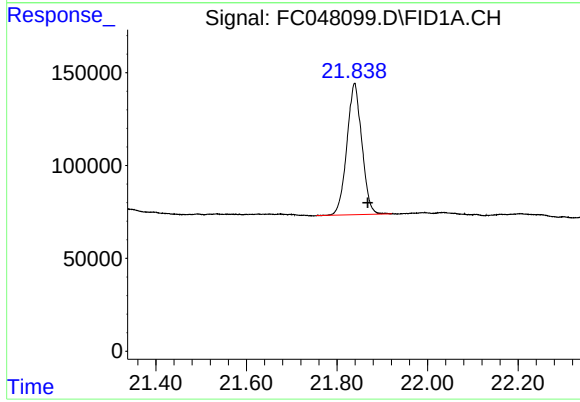
#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: -0.020 min
Response: 1646148
Conc: 20.67 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.839 min
Delta R.T.: -0.029 min
Response: 1619601
Conc: 20.48 ug/ml