

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103020AL\
 Data File : FC050485.D
 Signal(s) : FID1A.CH
 Acq On : 31 Oct 2020 4:13
 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

Ankita
 11/3/2020 9:18:06 AM

Integration File: sample.E
 Quant Time: Nov 02 00:38:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.620	2391197	21.333 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
12) S 1-chlorooctadecane (S...	13.053	1853349	21.395 ug/ml
Spiked Amount 50.000		Recovery =	42.79%
Target Compounds			
1) T n-Nonane (C9)	3.368	2168875	21.886 ug/ml
2) T n-Decane (C10)	4.439	2216731	22.265 ug/ml
3) T A~Naphthalene (C11.7)	6.032	2454070	22.266 ug/ml
4) T n-Dodecane (C12)	6.460	2266841	22.466 ug/ml
5) T A~2-methylnaphthalene...	7.090	2475978	22.245 ug/ml
6) T n-Tetradecane (C14)	8.256	2259528	22.554 ug/ml
7) T n-Hexadecane (C16)	9.858	2215100	22.476 ug/ml
8) T n-Octadecane (C18)	11.299	2295336	22.226 ug/ml
10) T n-Eicosane (C20)	12.608	2270405	21.819 ug/ml
11) T n-Heneicosane (C21)	13.219	2239573	21.552 ug/ml
13) T n-Docosane (C22)	13.805	2220790	21.394 ug/ml
14) T n-Tetracosane (C24)	14.907	2184734	21.034 ug/ml
15) T n-Hexacosane (C26)	15.927	2106071	20.438 ug/ml
16) T n-Octacosane (C28)	16.876	2076381	20.063 ug/ml
17) T n-Tricontane (C30)	17.761	2021647	19.811 ug/ml
18) T n-Dotriacontane (C32)	18.592	1905854	19.839 ug/mlm
19) T n-Tetratriacontane (C34)	19.373	1797964	19.602 ug/mlm
20) T n-Hexatriacontane (C36)	20.113	1710398	19.310 ug/mlm
21) T n-Octatriacontane (C38)	20.854	1568450	19.021 ug/ml
22) T n-Tetracontane (C40)	21.782	1720229	20.572 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

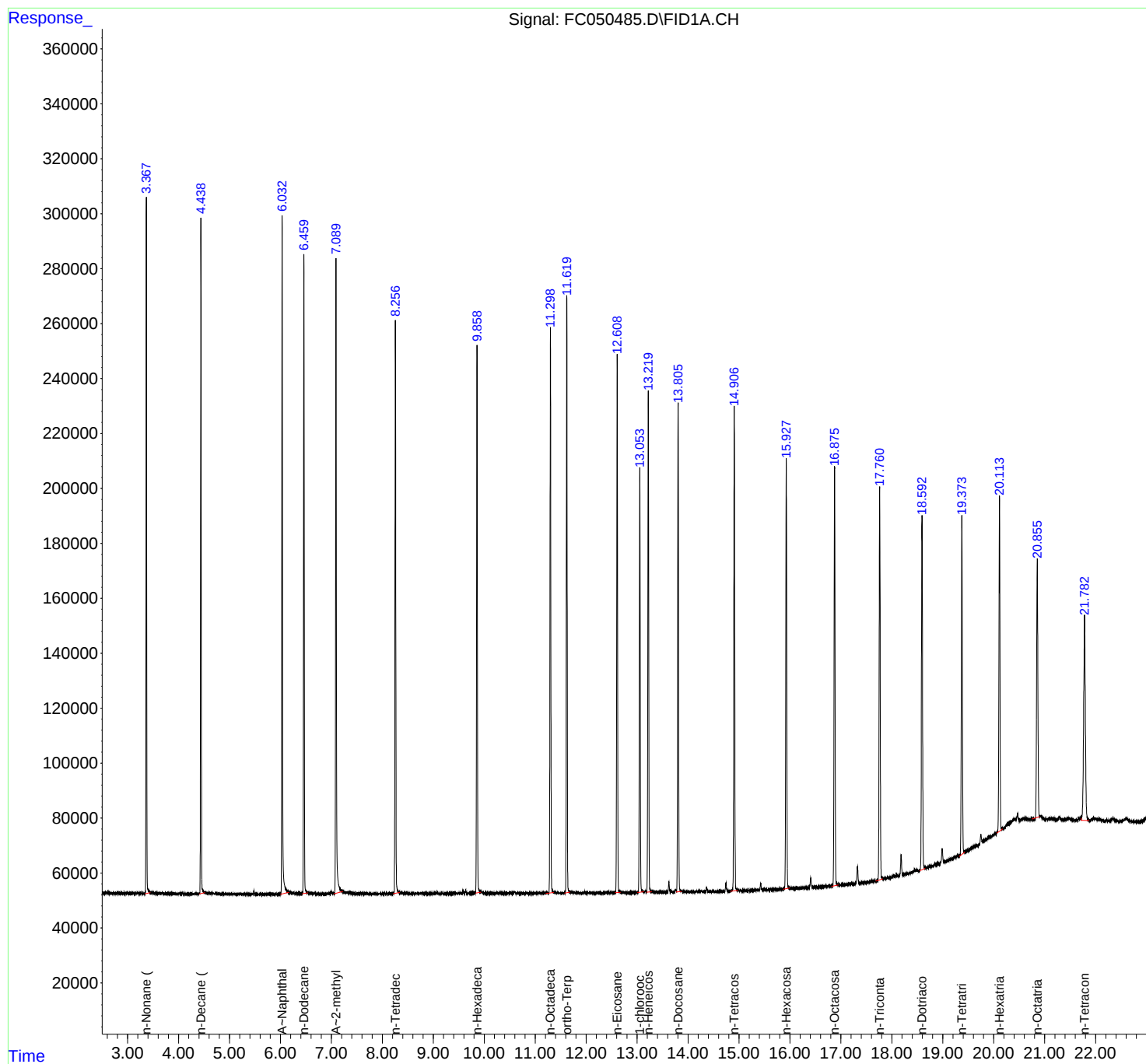
Instrument :
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20 PPM ALIPHATIC HC STD

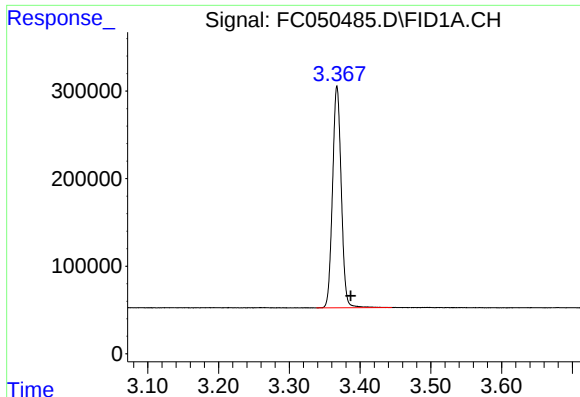
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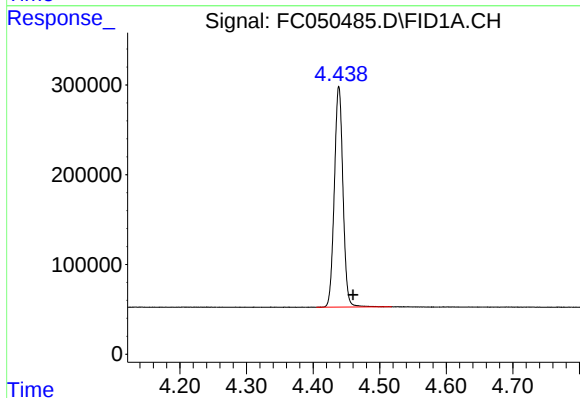
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.019 min
Response: 2168875
Conc: 21.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

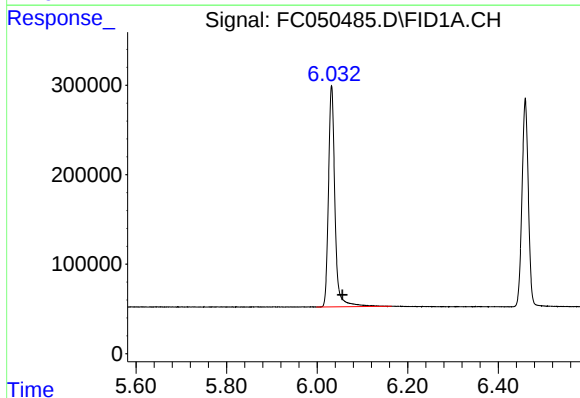
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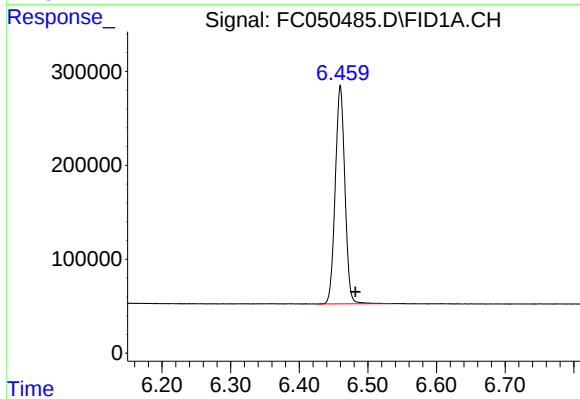
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.021 min
Response: 2216731
Conc: 22.27 ug/ml



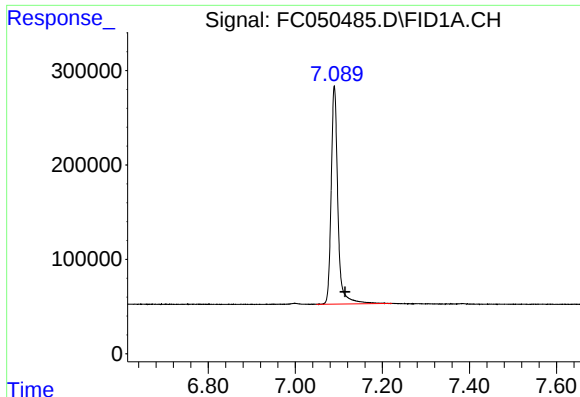
#3 A~Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.024 min
Response: 2454070
Conc: 22.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.460 min
Delta R.T.: -0.022 min
Response: 2266841
Conc: 22.47 ug/ml



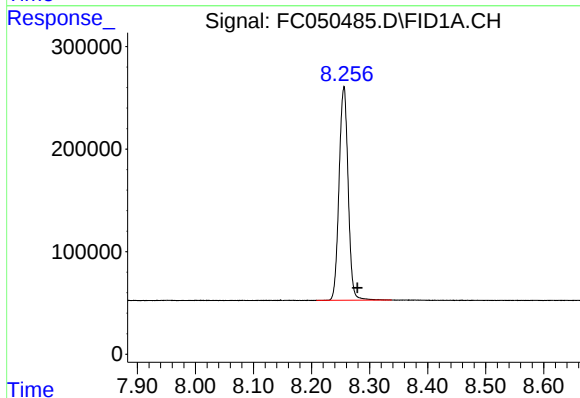
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.024 min
Response: 2475978
Conc: 22.24 ug/ml

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20 PPM ALIPHATIC HC STD

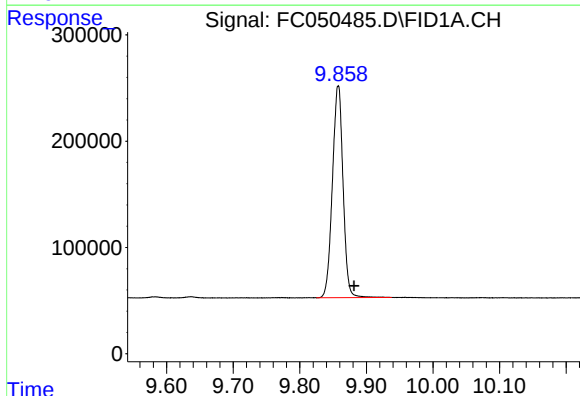
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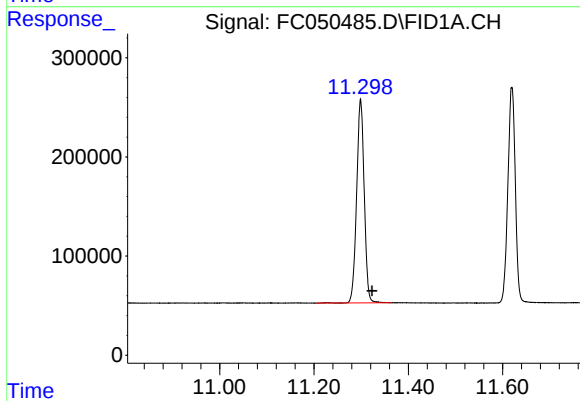
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: -0.023 min
Response: 2259528
Conc: 22.55 ug/ml



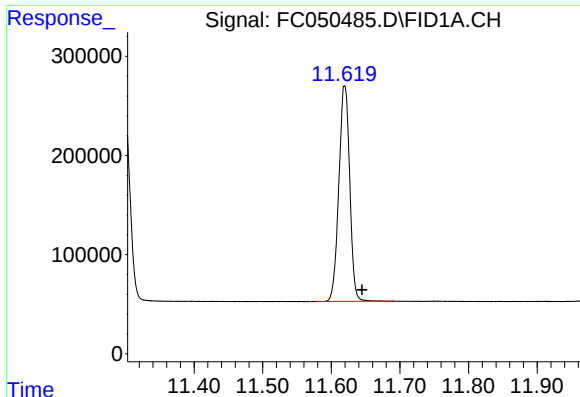
#7 n-Hexadecane (C16)

R.T.: 9.858 min
Delta R.T.: -0.024 min
Response: 2215100
Conc: 22.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.024 min
Response: 2295336
Conc: 22.23 ug/ml



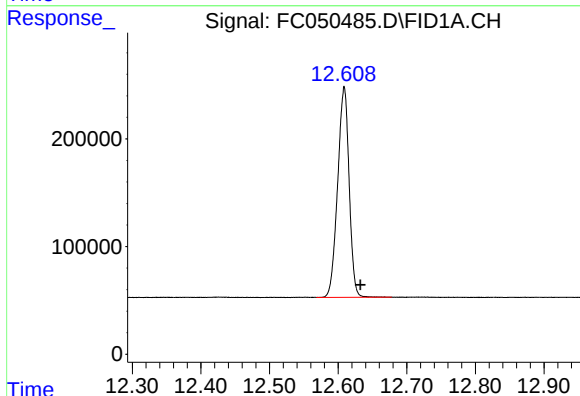
#9 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: -0.025 min
Response: 2391197
Conc: 21.33 ug/ml

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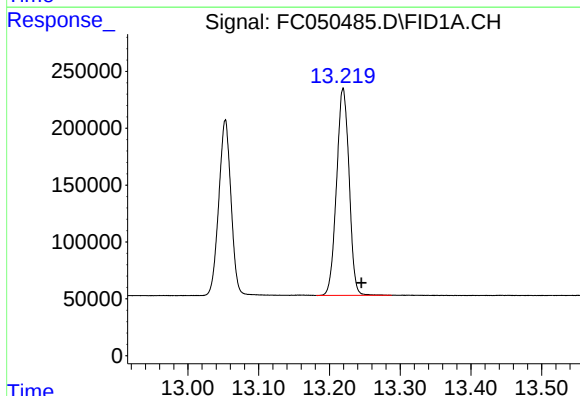
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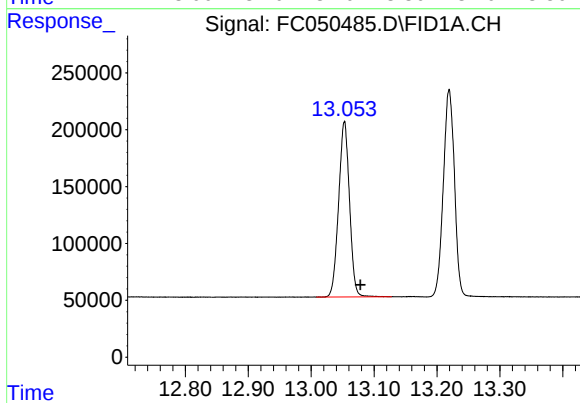
#10 n-Eicosane (C20)

R.T.: 12.608 min
Delta R.T.: -0.024 min
Response: 2270405
Conc: 21.82 ug/ml



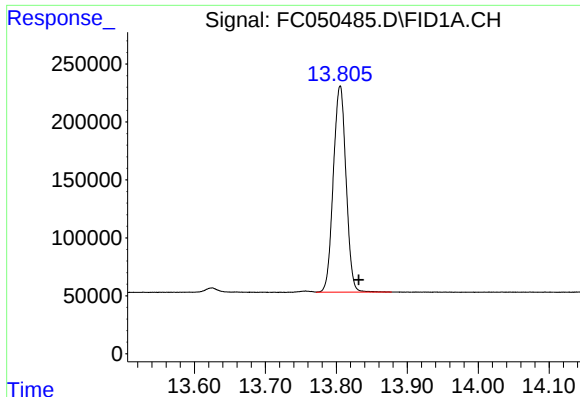
#11 n-Heneicosane (C21)

R.T.: 13.219 min
Delta R.T.: -0.026 min
Response: 2239573
Conc: 21.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min
Delta R.T.: -0.026 min
Response: 1853349
Conc: 21.40 ug/ml



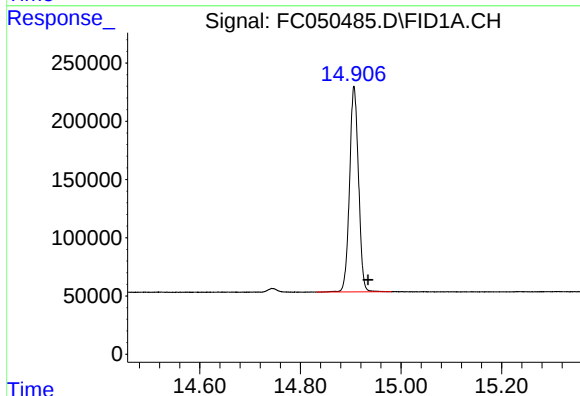
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: -0.026 min
Response: 2220790
Conc: 21.39 ug/ml

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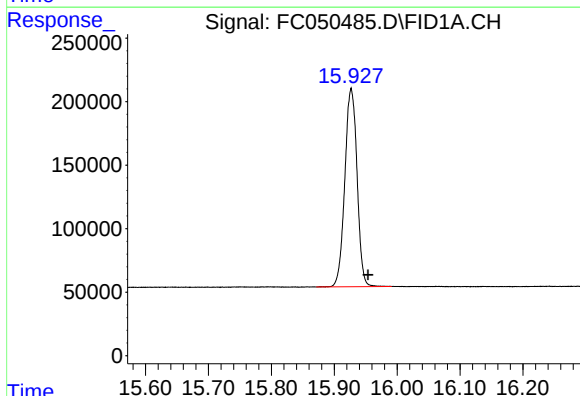
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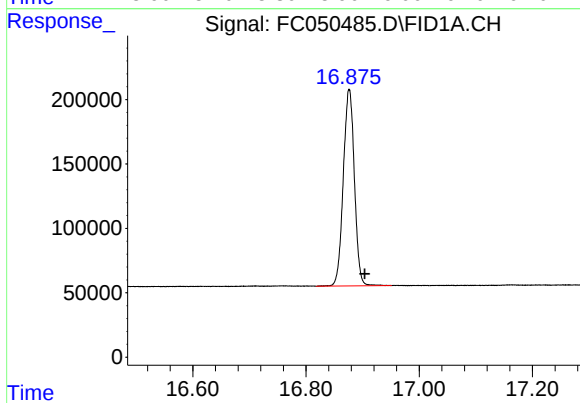
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.028 min
Response: 2184734
Conc: 21.03 ug/ml



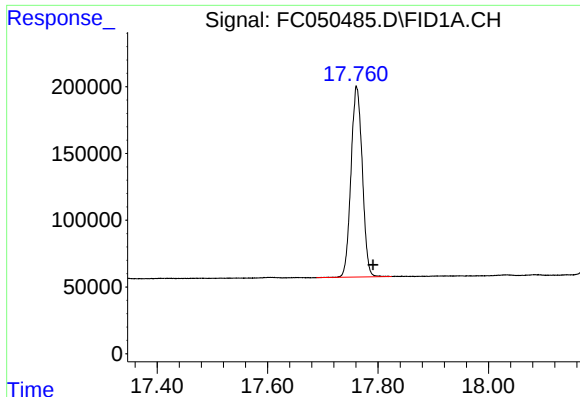
#15 n-Hexacosane (C26)

R.T.: 15.927 min
Delta R.T.: -0.027 min
Response: 2106071
Conc: 20.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.027 min
Response: 2076381
Conc: 20.06 ug/ml



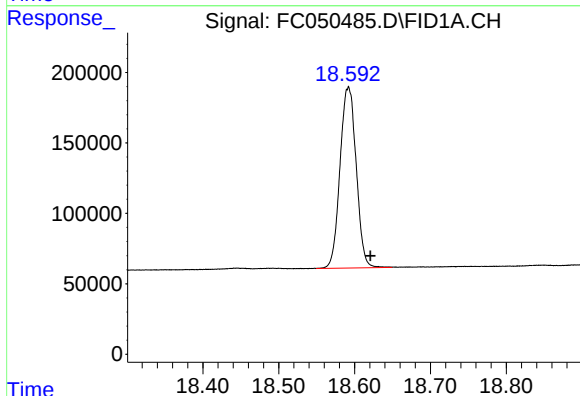
#17 n-Tricontane (C30)

R.T.: 17.761 min
Delta R.T.: -0.029 min
Response: 2021647
Conc: 19.81 ug/ml

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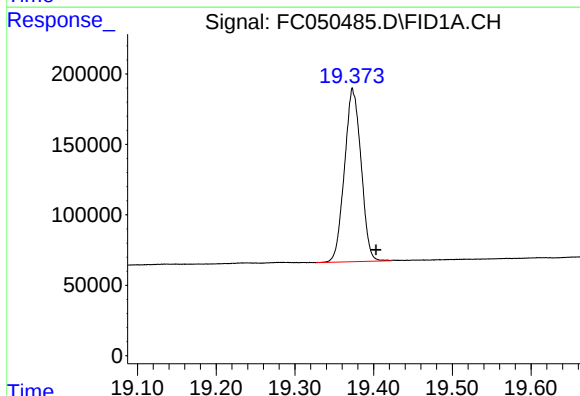
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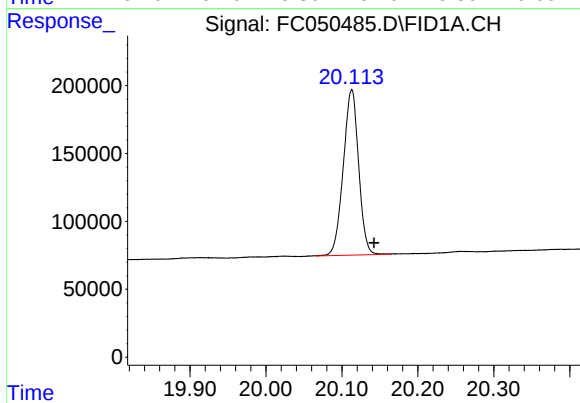
#18 n-Dotriacontane (C32)

R.T.: 18.592 min
Delta R.T.: -0.029 min
Response: 1905854
Conc: 19.84 ug/ml m



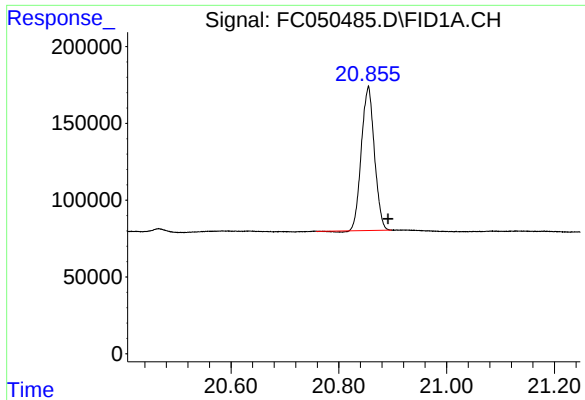
#19 n-Tetratriacontane (C34)

R.T.: 19.373 min
Delta R.T.: -0.030 min
Response: 1797964
Conc: 19.60 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.113 min
Delta R.T.: -0.029 min
Response: 1710398
Conc: 19.31 ug/ml m



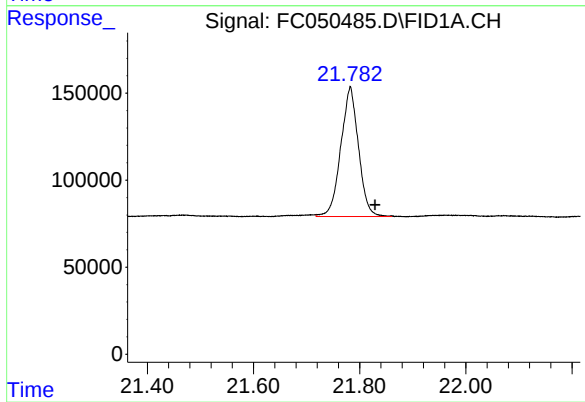
#21 n-Octatriacontane (C38)

R.T.: 20.854 min
Delta R.T.: -0.037 min
Response: 1568450
Conc: 19.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.782 min
Delta R.T.: -0.047 min
Response: 1720229
Conc: 20.57 ug/ml m