

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121420AL\
 Data File : FC051292.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2020 20:08
 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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 12/15/2020 1:07:51 PM

Integration File: autoint1.e
 Quant Time: Dec 15 02:48:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.579	2257547	18.348 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	13.013	1751363	17.953 ug/ml
Spiked Amount 50.000		Recovery =	35.91%
Target Compounds			
1) T n-Nonane (C9)	3.336	2176963	20.456 ug/ml
2) T n-Decane (C10)	4.404	2196369	20.680 ug/ml
3) T A~Naphthalene (C11.7)	5.995	2301042	20.467 ug/ml
4) T n-Dodecane (C12)	6.421	2244344	20.627 ug/ml
5) T A~2-methylnaphthalene...	7.052	2279972	20.174 ug/ml
6) T n-Tetradecane (C14)	8.216	2217200	20.492 ug/ml
7) T n-Hexadecane (C16)	9.817	2159493	20.123 ug/ml
8) T n-Octadecane (C18)	11.258	2197868	19.270 ug/ml
10) T n-Eicosane (C20)	12.567	2145953	18.472 ug/ml
11) T n-Heneicosane (C21)	13.179	2105032	18.168 ug/ml
13) T n-Docosane (C22)	13.765	2089732	18.043 ug/ml
14) T n-Tetracosane (C24)	14.867	2023801	17.597 ug/ml
15) T n-Hexacosane (C26)	15.887	1993324	17.703 ug/ml
16) T n-Octacosane (C28)	16.836	2016067	18.208 ug/ml
17) T n-Tricontane (C30)	17.722	2032352	19.132 ug/ml
18) T n-Dotriacontane (C32)	18.554	1979125	20.255 ug/mlm
19) T n-Tetratriacontane (C34)	19.334	1855524	20.790 ug/mlm
20) T n-Hexatriacontane (C36)	20.074	1759190	21.093 ug/mlm
21) T n-Octatriacontane (C38)	20.810	1726786	22.174 ug/mlm
22) T n-Tetracontane (C40)	21.724	1634259	19.738 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

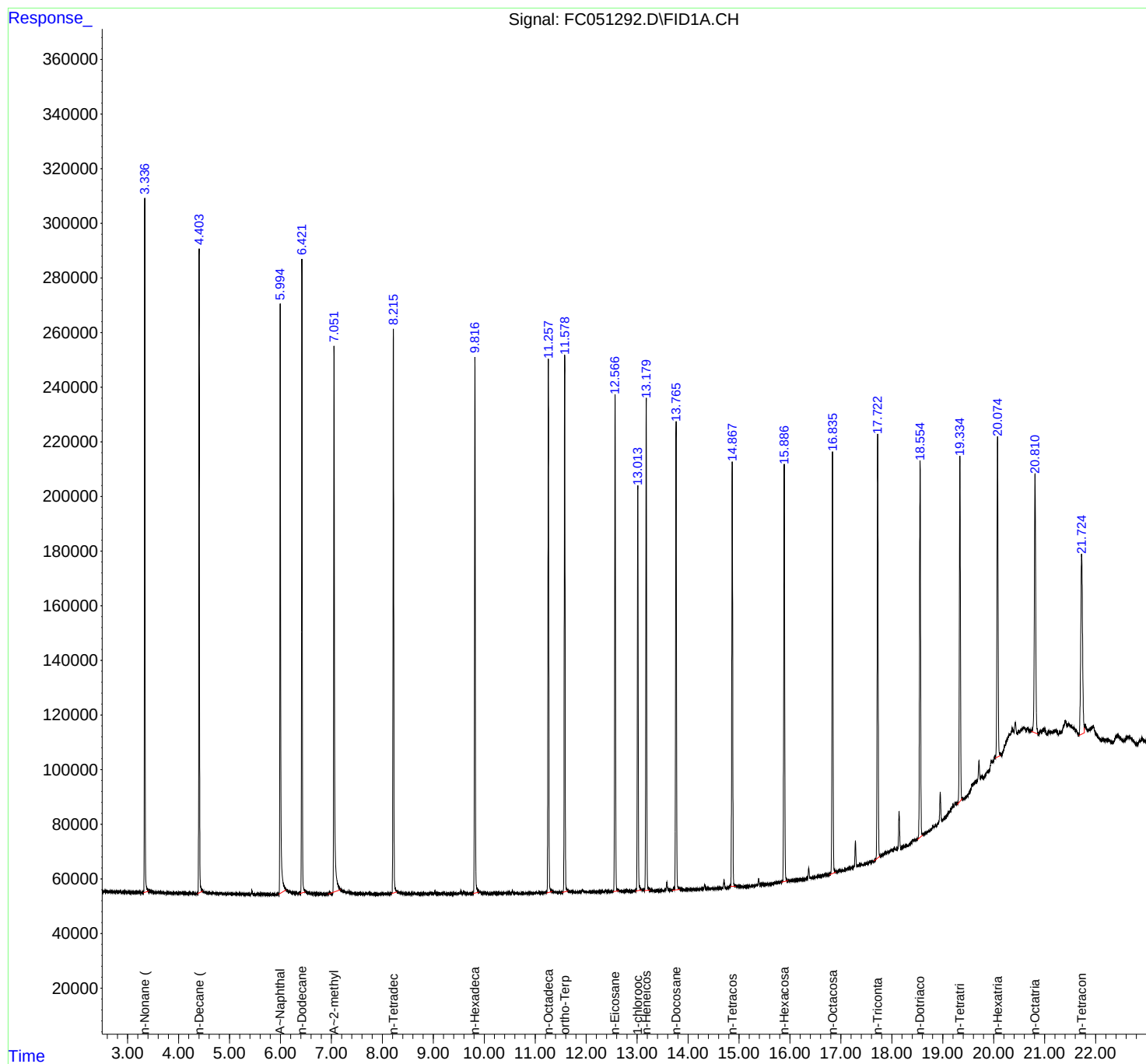
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

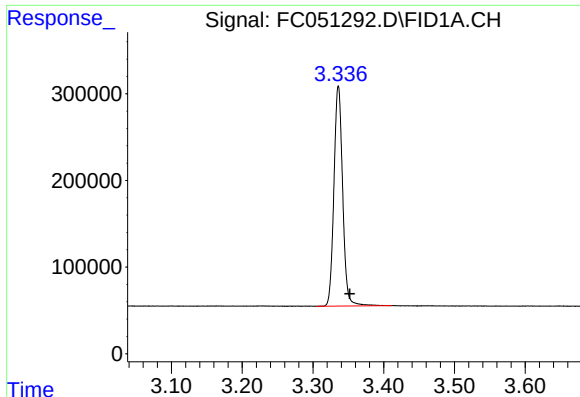
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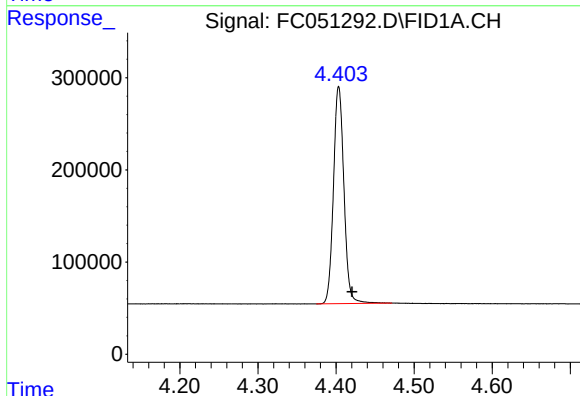
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.016 min
Response: 2176963
Conc: 20.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

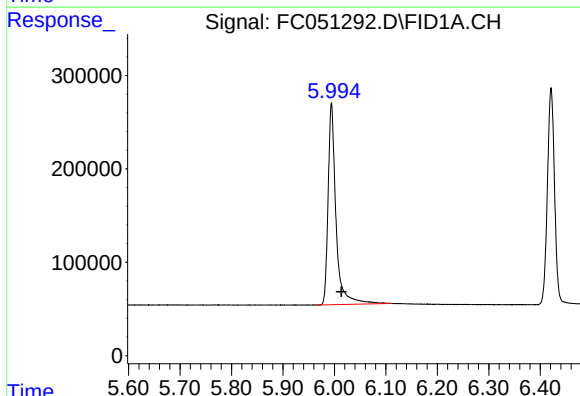
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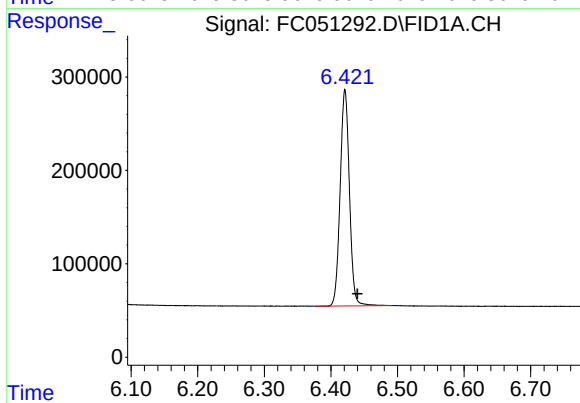
#2 n-Decane (C10)

R.T.: 4.404 min
Delta R.T.: -0.017 min
Response: 2196369
Conc: 20.68 ug/ml



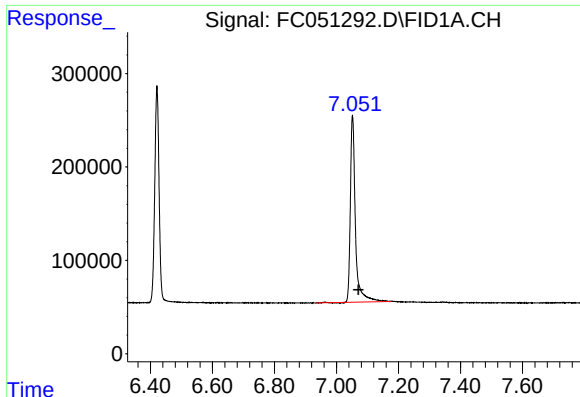
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.019 min
Response: 2301042
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.421 min
Delta R.T.: -0.019 min
Response: 2244344
Conc: 20.63 ug/ml



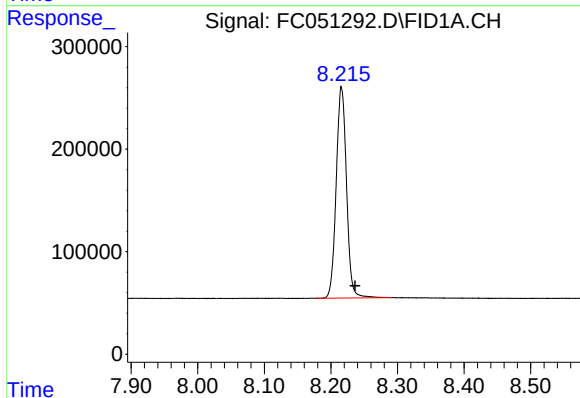
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.019 min
Response: 2279972
Conc: 20.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

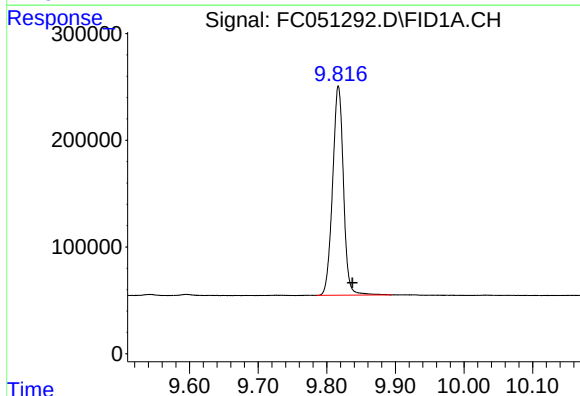
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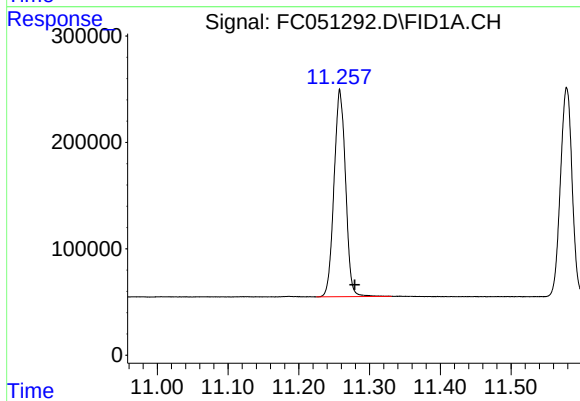
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.020 min
Response: 2217200
Conc: 20.49 ug/ml



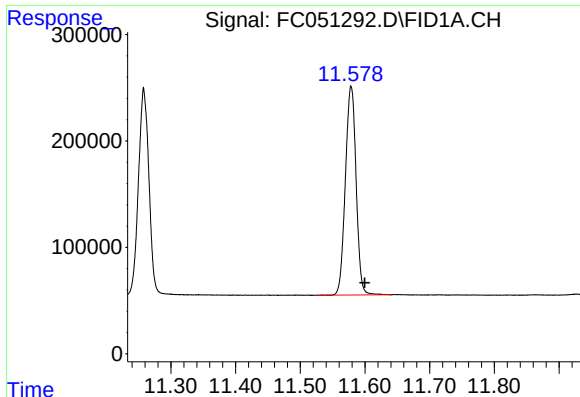
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.020 min
Response: 2159493
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.258 min
Delta R.T.: -0.021 min
Response: 2197868
Conc: 19.27 ug/ml



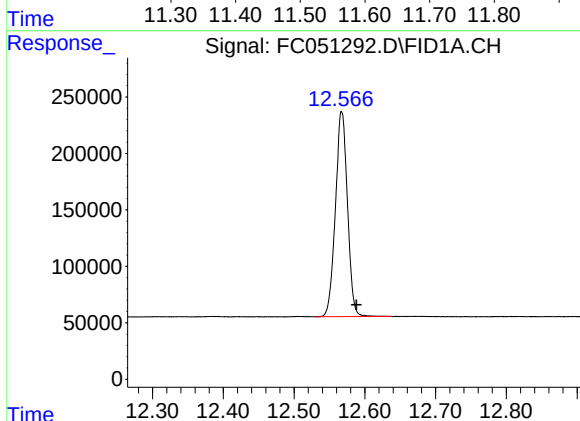
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: -0.021 min
Response: 2257547
Conc: 18.35 ug/ml

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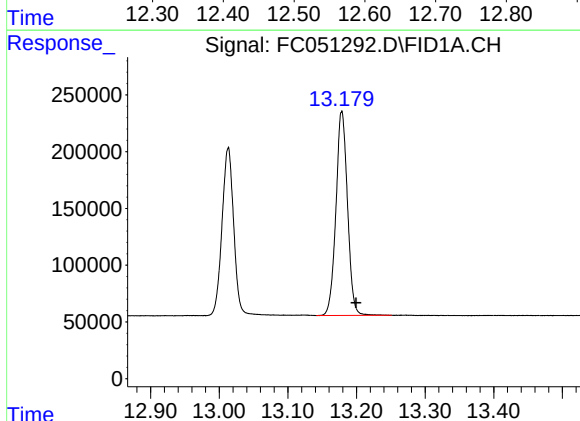
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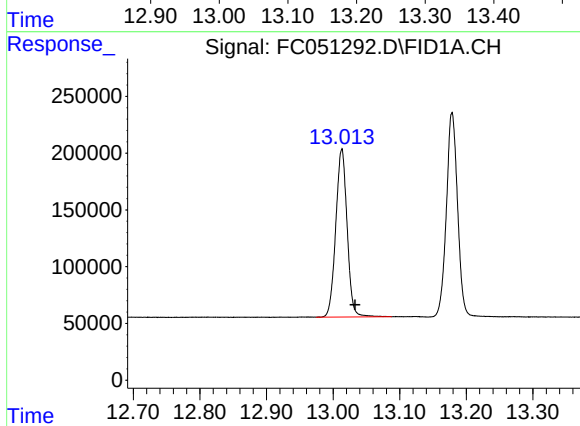
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.021 min
Response: 2145953
Conc: 18.47 ug/ml



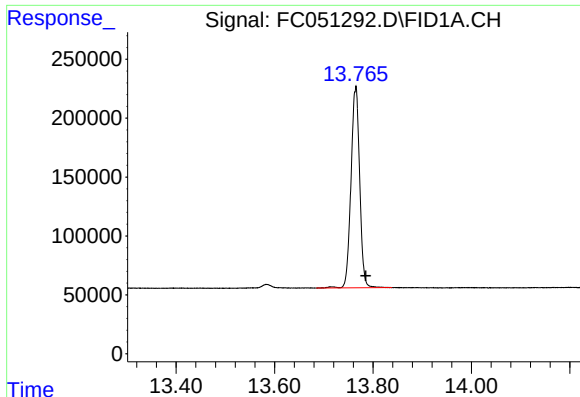
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: -0.021 min
Response: 2105032
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.020 min
Response: 1751363
Conc: 17.95 ug/ml



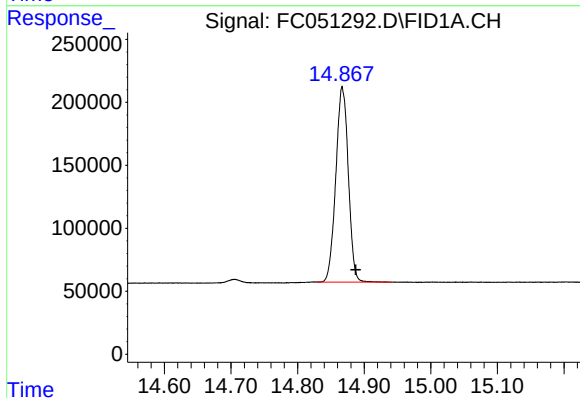
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.021 min
Response: 2089732
Conc: 18.04 ug/ml

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FID_C
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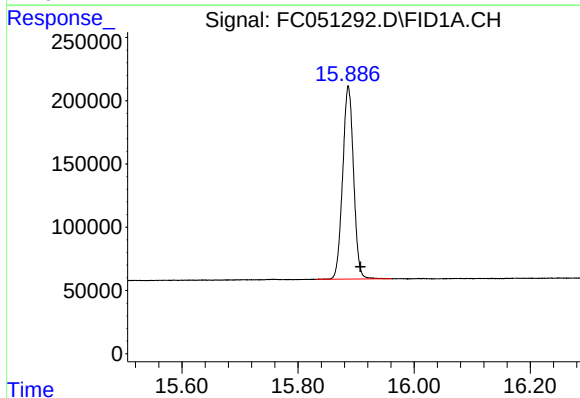
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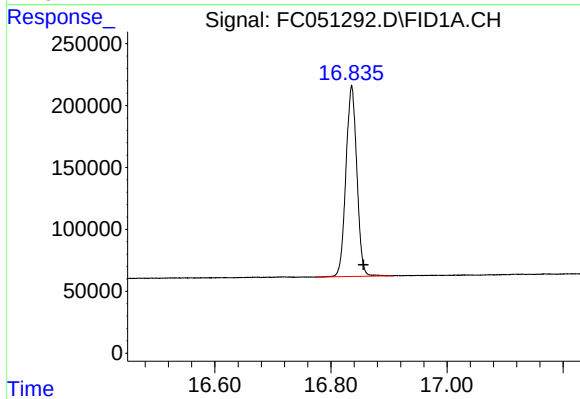
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.020 min
Response: 2023801
Conc: 17.60 ug/ml



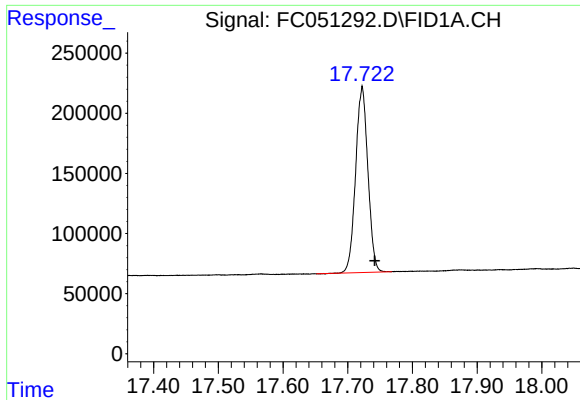
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.021 min
Response: 1993324
Conc: 17.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.020 min
Response: 2016067
Conc: 18.21 ug/ml



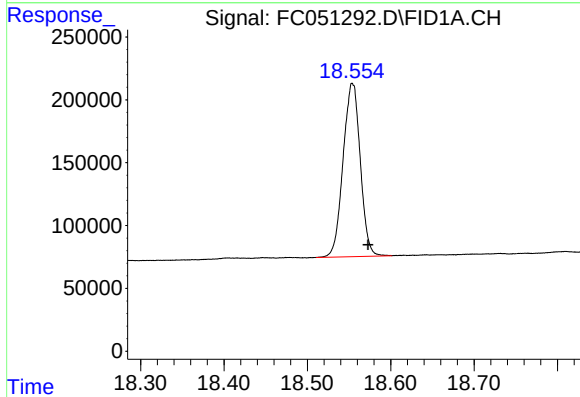
#17 n-Tricontane (C30)

R.T.: 17.722 min
Delta R.T.: -0.020 min
Response: 2032352
Conc: 19.13 ug/ml

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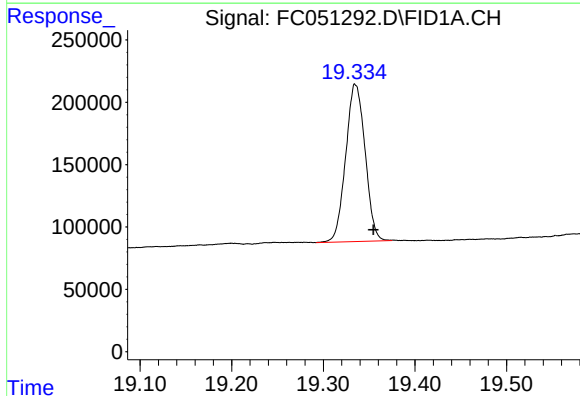
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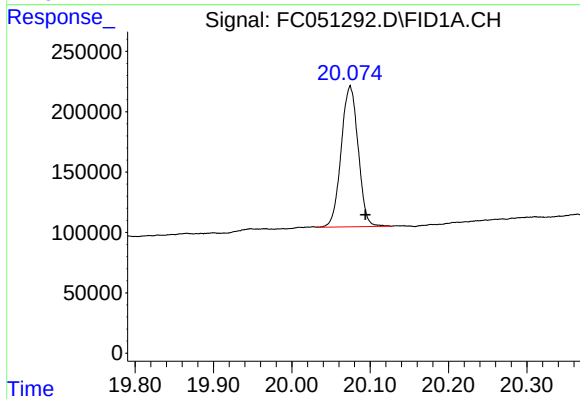
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.019 min
Response: 1979125
Conc: 20.26 ug/ml m



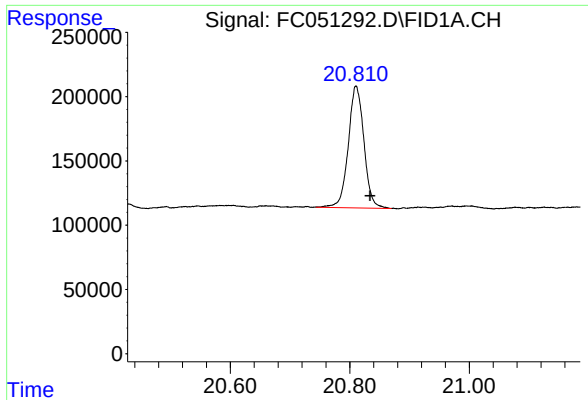
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.021 min
Response: 1855524
Conc: 20.79 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: -0.020 min
Response: 1759190
Conc: 21.09 ug/ml m



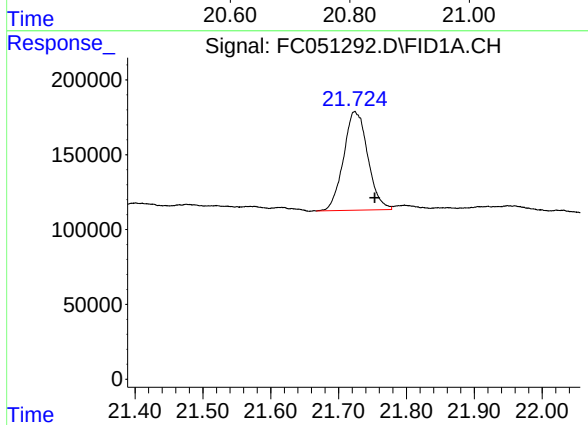
#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.024 min
Response: 1726786
Conc: 22.17 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: -0.029 min
Response: 1634259
Conc: 19.74 ug/ml m