

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101620AL\
 Data File : FC050181.D
 Signal(s) : FID1A.CH
 Acq On : 17 Oct 2020 1:20
 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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 10/19/2020 3:08:58 PM

Integration File: autoint1.e
 Quant Time: Oct 17 02:31:57 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)	11.637	2115432	18.872 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	13.070	1640741	18.941 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.378	2031878	20.504 ug/ml
2) T n-Decane (C10)	4.450	2043190	20.522 ug/ml
3) T A~Naphthalene (C11.7)	6.045	2209144	20.043 ug/ml
4) T n-Dodecane (C12)	6.472	2049260	20.309 ug/ml
5) T A~2-methylnaphthalene...	7.104	2228575	20.022 ug/ml
6) T n-Tetradecane (C14)	8.270	2020002	20.164 ug/ml
7) T n-Hexadecane (C16)	9.871	1969131	19.980 ug/ml
8) T n-Octadecane (C18)	11.315	2014798	19.509 ug/ml
10) T n-Eicosane (C20)	12.624	1983639	19.063 ug/ml
11) T n-Heneicosane (C21)	13.236	1957908	18.841 ug/ml
13) T n-Docosane (C22)	13.822	1936517	18.655 ug/ml
14) T n-Tetracosane (C24)	14.925	1896192	18.256 ug/ml
15) T n-Hexacosane (C26)	15.945	1847062	17.924 ug/ml
16) T n-Octacosane (C28)	16.894	1817922	17.566 ug/ml
17) T n-Tricontane (C30)	17.780	1783631	17.478 ug/mlm
18) T n-Dotriacontane (C32)	18.612	1685200	17.542 ug/mlm
19) T n-Tetratriacontane (C34)	19.394	1648680	17.974 ug/mlm
20) T n-Hexatriacontane (C36)	20.133	1543777	17.429 ug/mlm
21) T n-Octatriacontane (C38)	20.882	1712163	20.764 ug/mlm
22) T n-Tetracontane (C40)	21.818	1665533	19.918 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 2 Sample Multiplier: 1

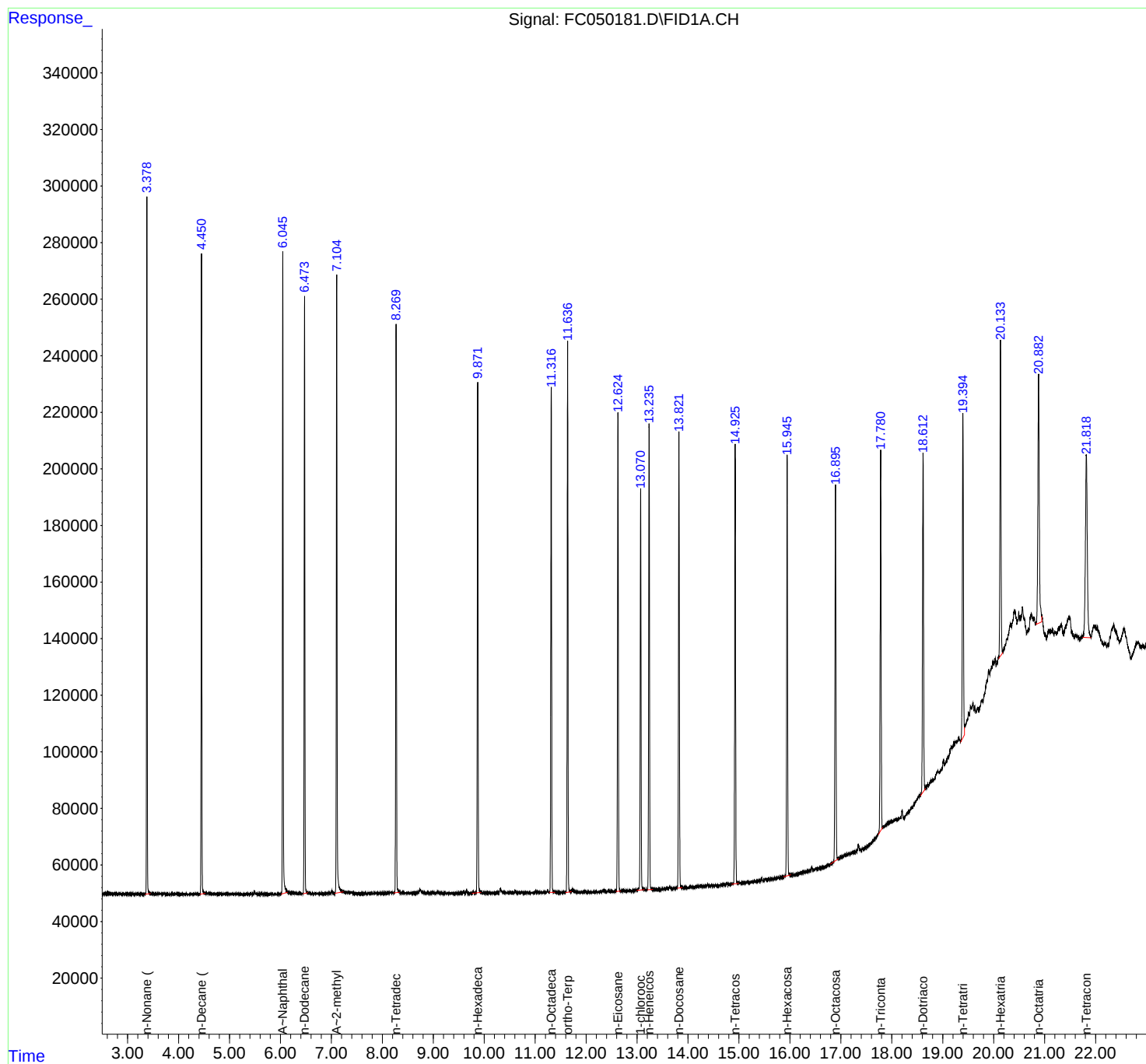
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

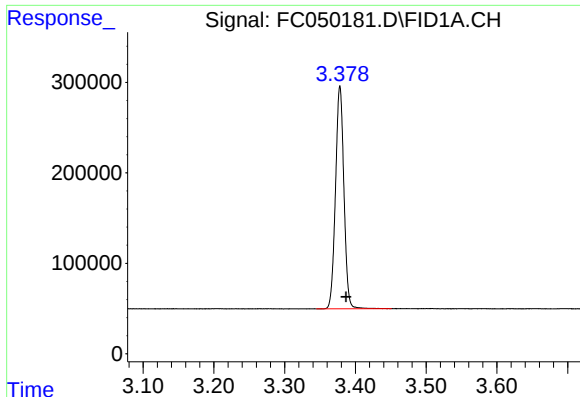
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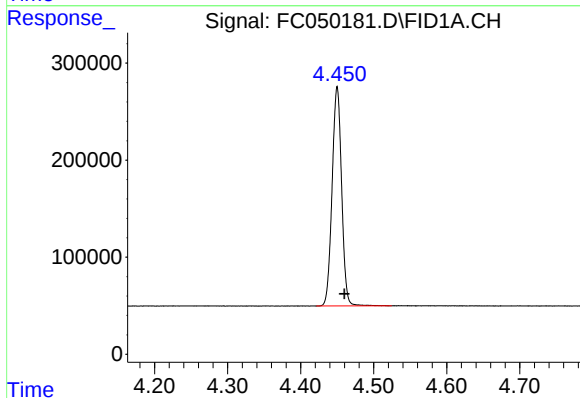
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.009 min
Response: 2031878
Conc: 20.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

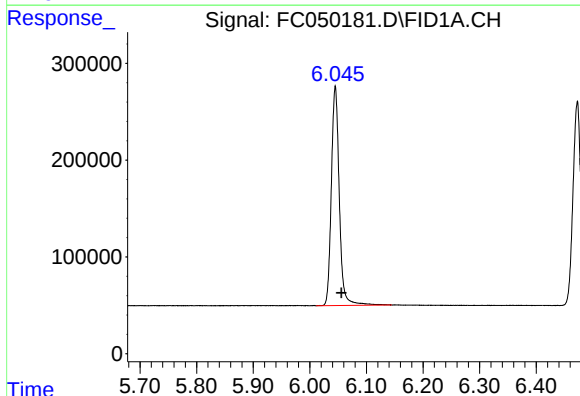
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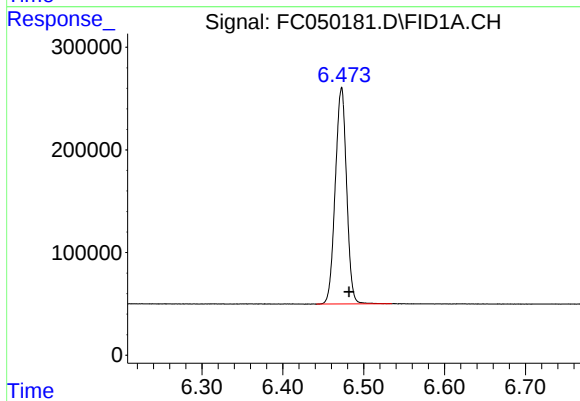
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.010 min
Response: 2043190
Conc: 20.52 ug/ml



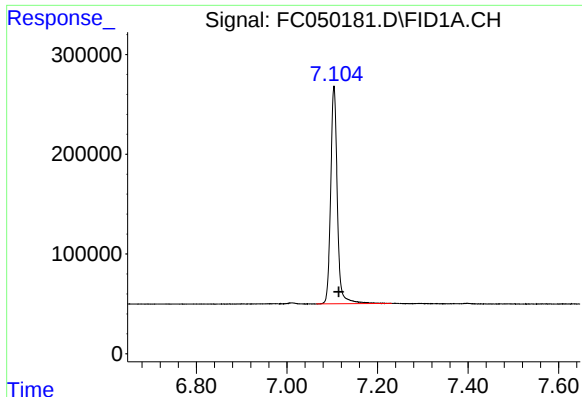
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.011 min
Response: 2209144
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.472 min
Delta R.T.: -0.010 min
Response: 2049260
Conc: 20.31 ug/ml



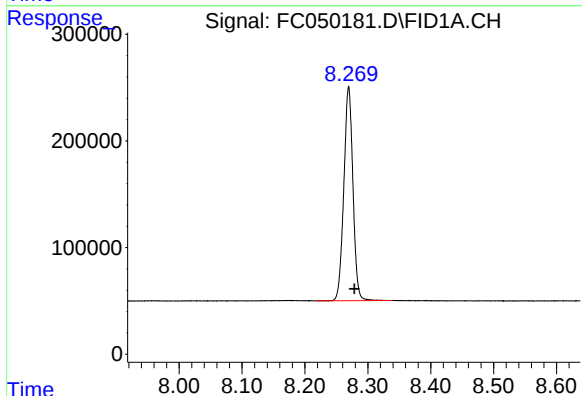
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: -0.010 min
Response: 2228575
Conc: 20.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

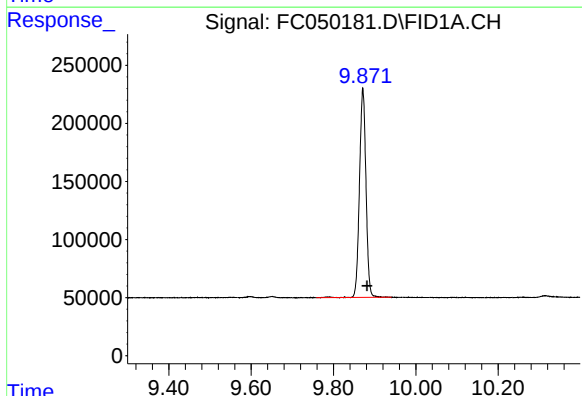
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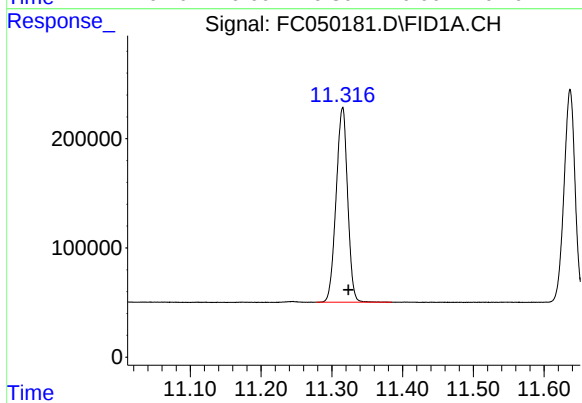
#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: -0.009 min
Response: 2020002
Conc: 20.16 ug/ml



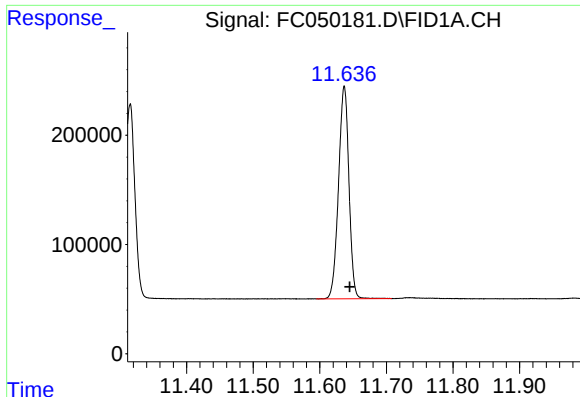
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: -0.010 min
Response: 1969131
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.315 min
Delta R.T.: -0.008 min
Response: 2014798
Conc: 19.51 ug/ml



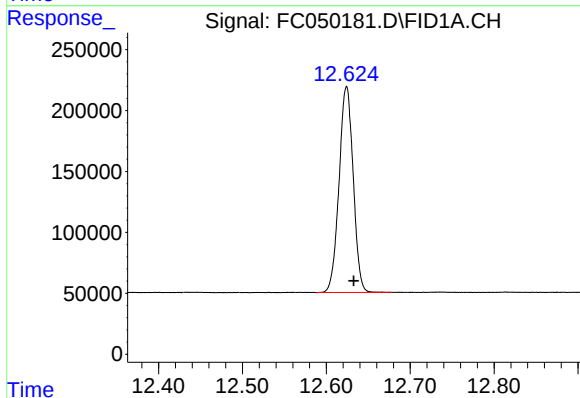
#9 ortho-Terphenyl (SURR)

R.T.: 11.637 min
Delta R.T.: -0.008 min
Response: 2115432
Conc: 18.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

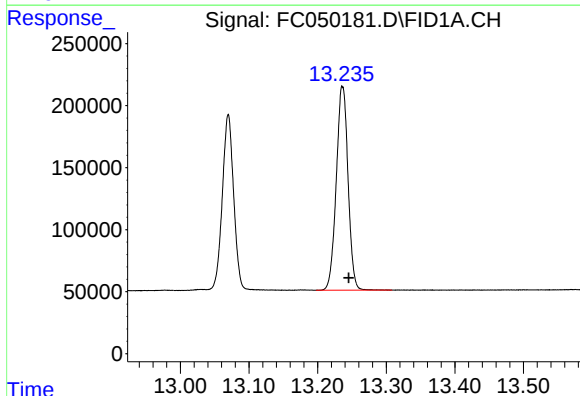
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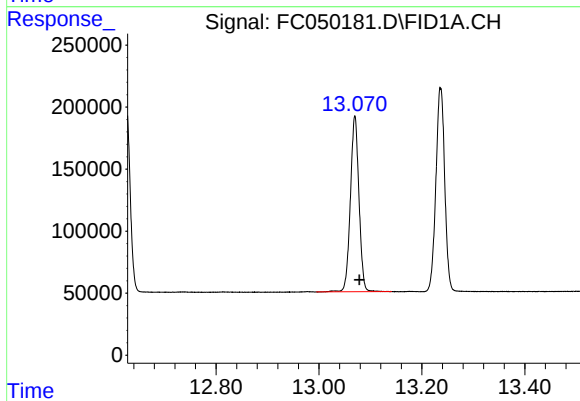
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.008 min
Response: 1983639
Conc: 19.06 ug/ml



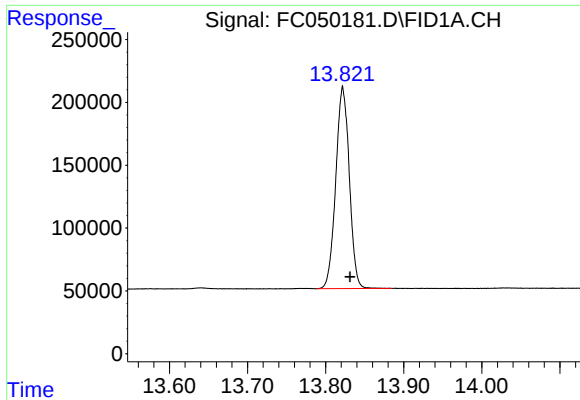
#11 n-Heneicosane (C21)

R.T.: 13.236 min
Delta R.T.: -0.009 min
Response: 1957908
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.070 min
Delta R.T.: -0.009 min
Response: 1640741
Conc: 18.94 ug/ml



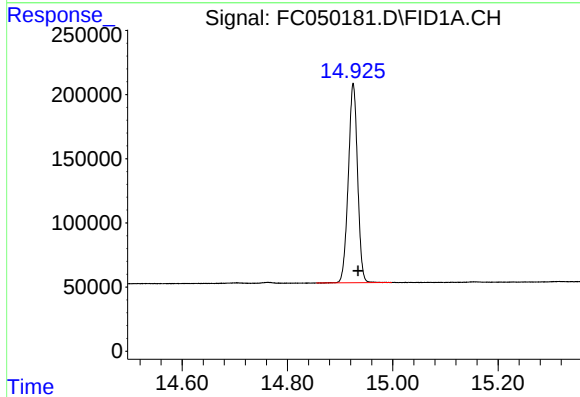
#13 n-Docosane (C22)

R.T.: 13.822 min
Delta R.T.: -0.010 min
Response: 1936517
Conc: 18.66 ug/ml

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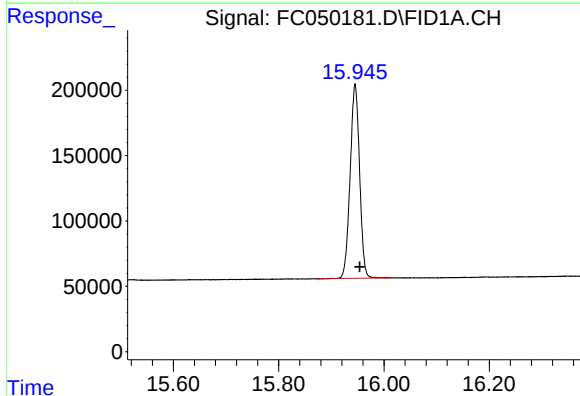
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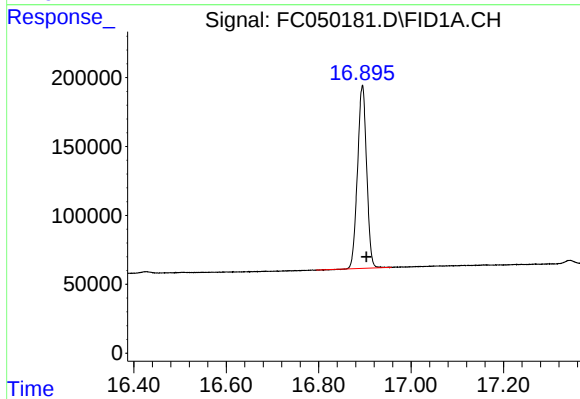
#14 n-Tetracosane (C24)

R.T.: 14.925 min
Delta R.T.: -0.009 min
Response: 1896192
Conc: 18.26 ug/ml



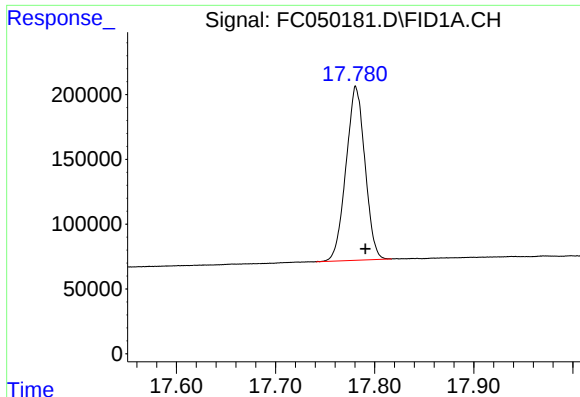
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: -0.009 min
Response: 1847062
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.894 min
Delta R.T.: -0.009 min
Response: 1817922
Conc: 17.57 ug/ml



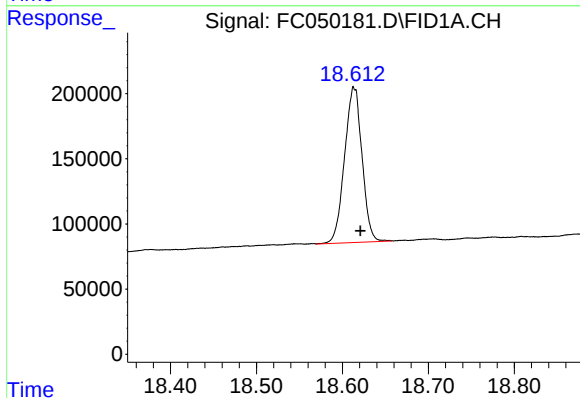
#17 n-Tricontane (C30)

R.T.: 17.780 min
Delta R.T.: -0.011 min
Response: 1783631
Conc: 17.48 ug/ml m

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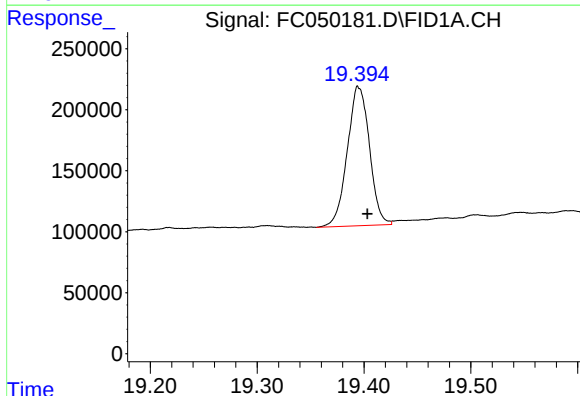
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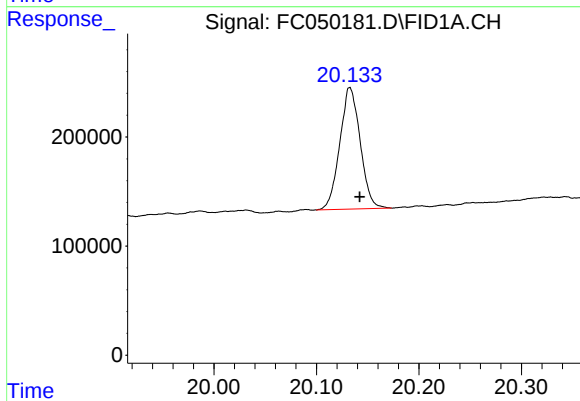
#18 n-Dotriacontane (C32)

R.T.: 18.612 min
Delta R.T.: -0.009 min
Response: 1685200
Conc: 17.54 ug/ml m



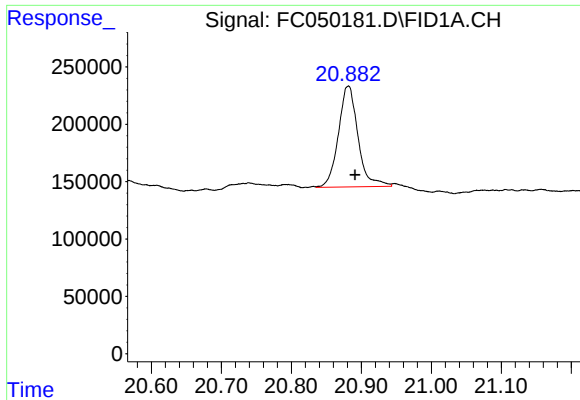
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: -0.010 min
Response: 1648680
Conc: 17.97 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: -0.010 min
Response: 1543777
Conc: 17.43 ug/ml m



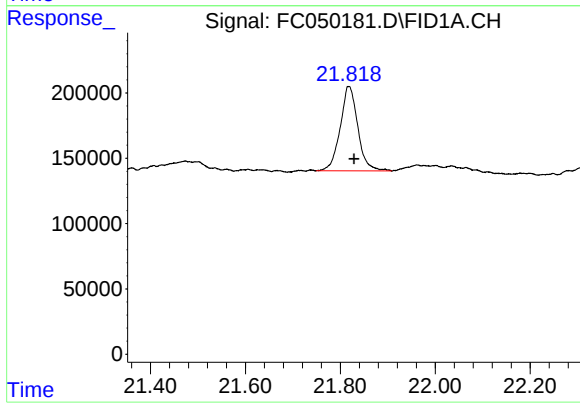
#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.010 min
Response: 1712163
Conc: 20.76 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.818 min
Delta R.T.: -0.011 min
Response: 1665533
Conc: 19.92 ug/ml