

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082620AL\
 Data File : FC049262.D
 Signal(s) : FID1A.CH
 Acq On : 27 Aug 2020 7:22
 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
 8/27/2020 9:51:52 AM

Integration File: autoint1.e
 Quant Time: Aug 27 07:57:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.677	2366824	19.920 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	13.109	1920642	19.743 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T n-Nonane (C9)	3.405	2129827	20.420 ug/ml
2) T n-Decane (C10)	4.482	2179785	20.782 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2485620	21.017 ug/ml
4) T n-Dodecane (C12)	6.508	2249995	21.213 ug/ml
5) T A~2-methylnaphthalene...	7.141	2547911	21.132 ug/ml
6) T n-Tetradecane (C14)	8.307	2264312	21.502 ug/ml
7) T n-Hexadecane (C16)	9.909	2219985	21.150 ug/ml
8) T n-Octadecane (C18)	11.354	2289573	20.841 ug/ml
10) T n-Eicosane (C20)	12.663	2259864	20.308 ug/ml
11) T n-Heneicosane (C21)	13.275	2222223	19.893 ug/ml
13) T n-Docosane (C22)	13.861	2197714	19.552 ug/ml
14) T n-Tetracosane (C24)	14.964	2111326	18.571 ug/ml
15) T n-Hexacosane (C26)	15.985	2026919	17.715 ug/ml
16) T n-Octacosane (C28)	16.933	1977363	16.996 ug/ml
17) T n-Tricontane (C30)	17.820	1921922	16.626 ug/ml
18) T n-Dotriacontane (C32)	18.650	1799951	16.647 ug/ml
19) T n-Tetratriacontane (C34)	19.432	1693161	16.325 ug/ml
20) T n-Hexatriacontane (C36)	20.170	1629681	16.390 ug/mlm
21) T n-Octatriacontane (C38)	20.925	1564609	16.546 ug/ml
22) T n-Tetracontane (C40)	21.876	1608288	16.847 ug/ml

(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

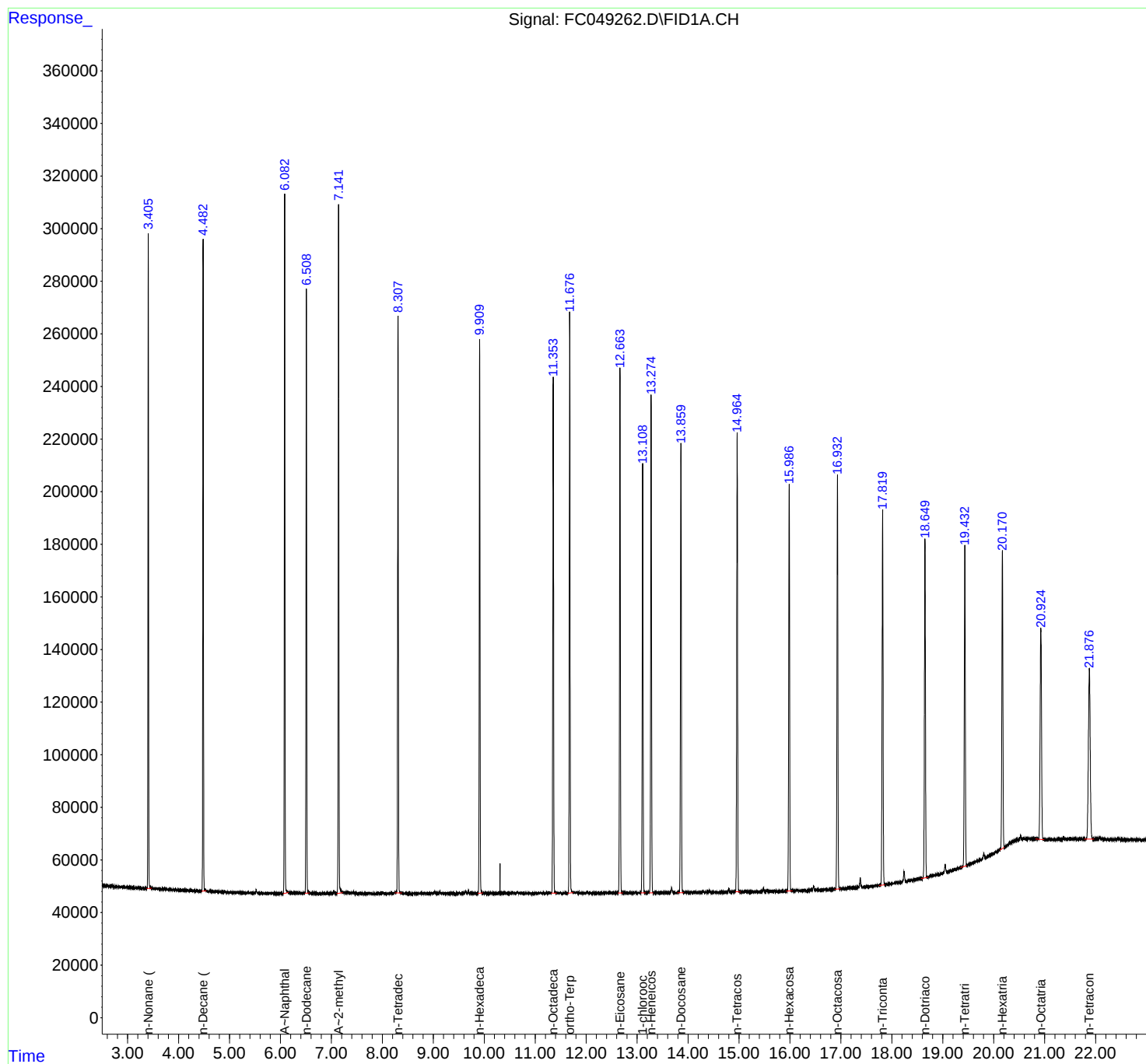
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

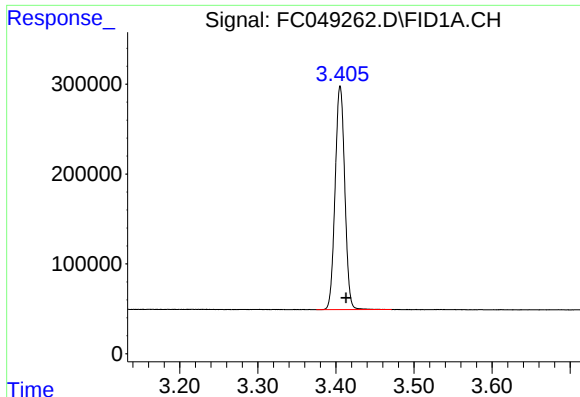
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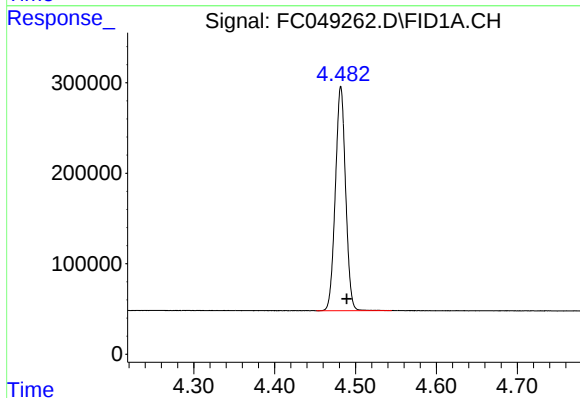
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.008 min
Response: 2129827
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

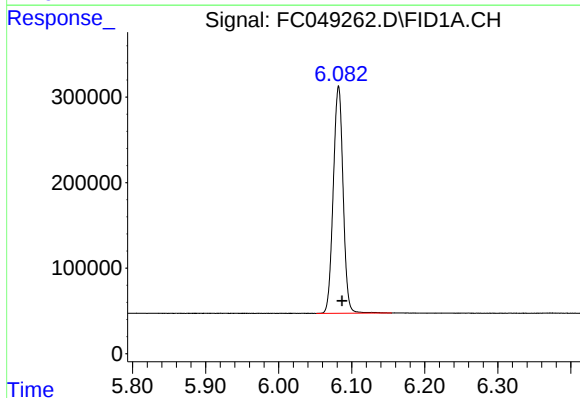
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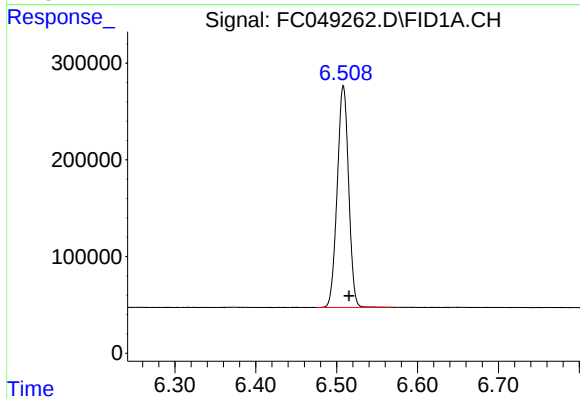
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.008 min
Response: 2179785
Conc: 20.78 ug/ml



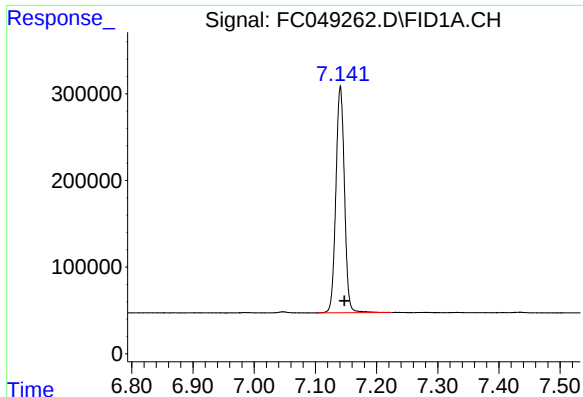
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 2485620
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: -0.007 min
Response: 2249995
Conc: 21.21 ug/ml



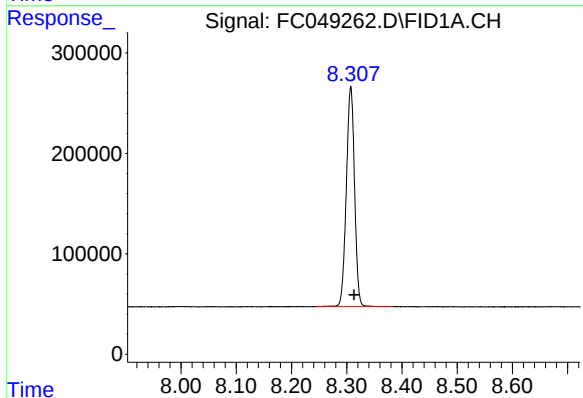
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 2547911
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

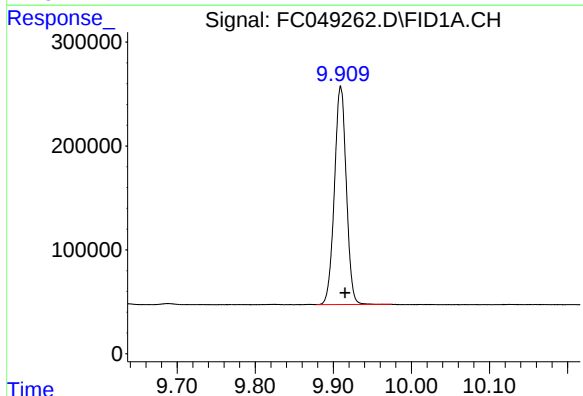
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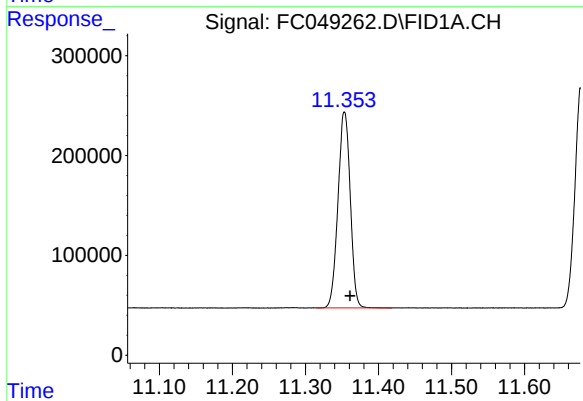
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.006 min
Response: 2264312
Conc: 21.50 ug/ml



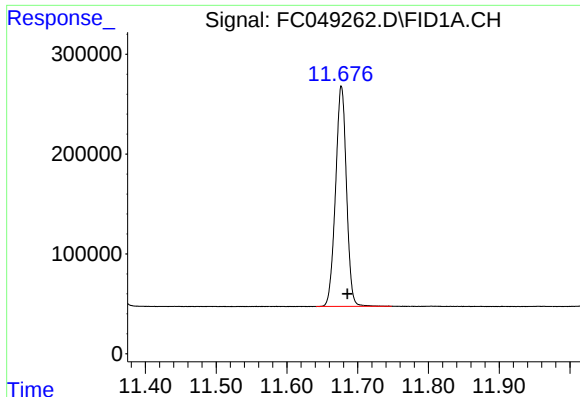
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.006 min
Response: 2219985
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.007 min
Response: 2289573
Conc: 20.84 ug/ml



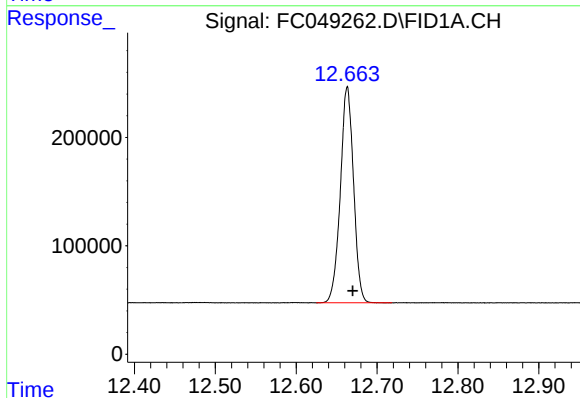
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.008 min
Response: 2366824
Conc: 19.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

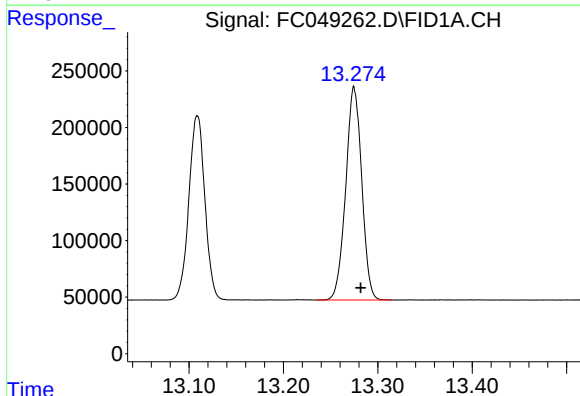
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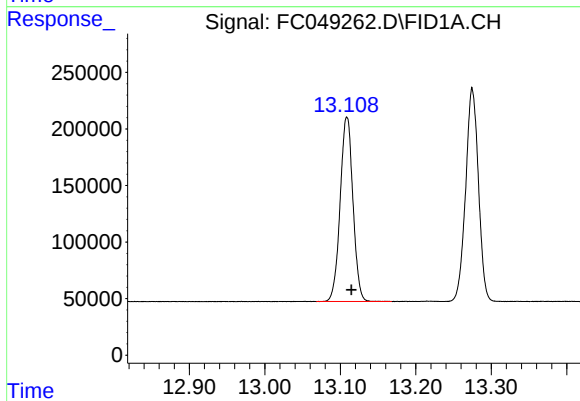
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.007 min
Response: 2259864
Conc: 20.31 ug/ml



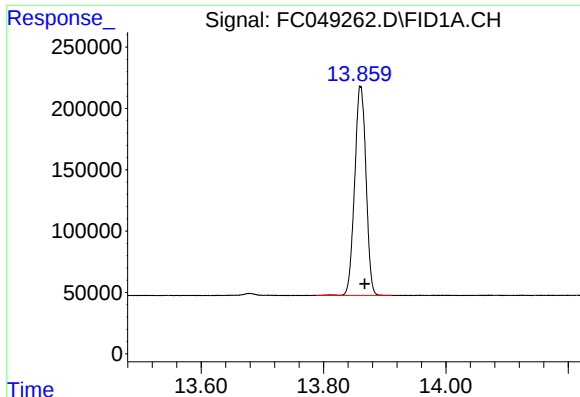
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: -0.007 min
Response: 2222223
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.006 min
Response: 1920642
Conc: 19.74 ug/ml



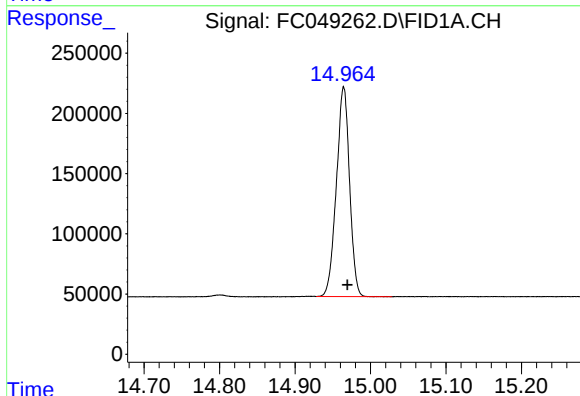
#13 n-Docosane (C22)

R.T.: 13.861 min
Delta R.T.: -0.007 min
Response: 2197714
Conc: 19.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

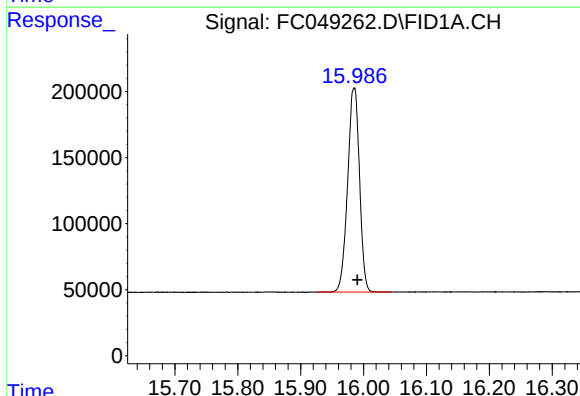
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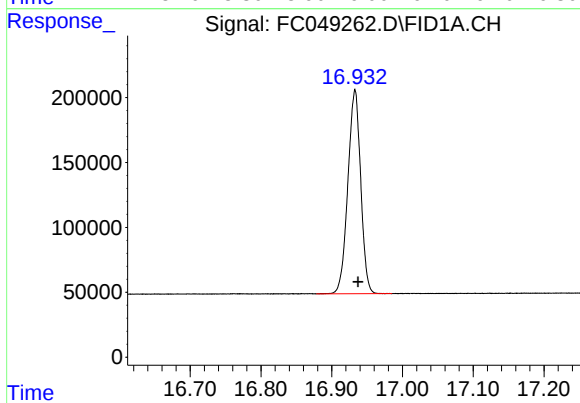
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.005 min
Response: 2111326
Conc: 18.57 ug/ml



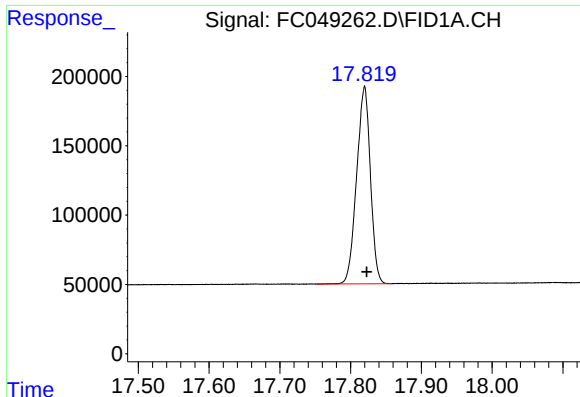
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.005 min
Response: 2026919
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: -0.005 min
Response: 1977363
Conc: 17.00 ug/ml



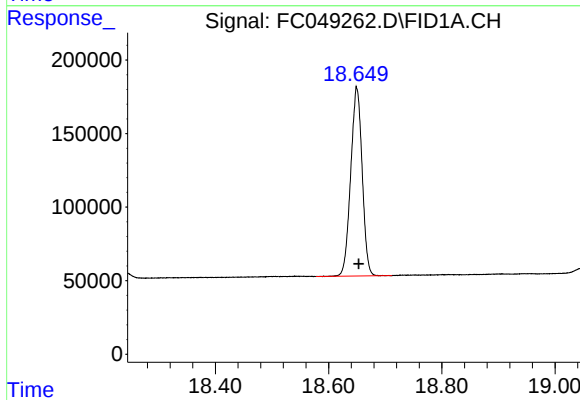
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: -0.003 min
Response: 1921922
Conc: 16.63 ug/ml

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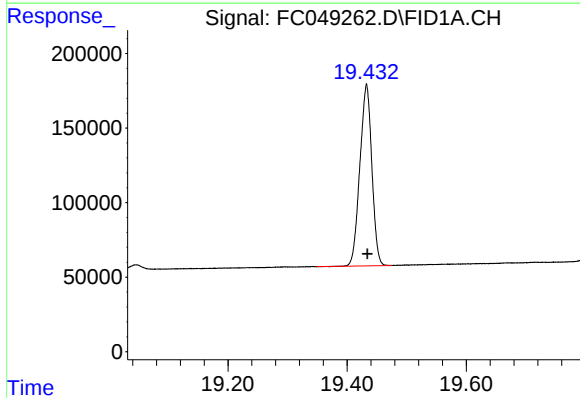
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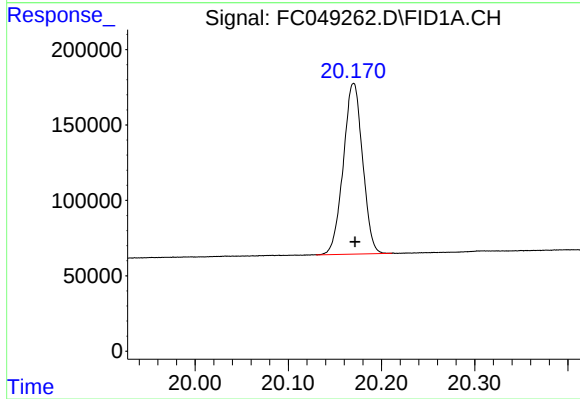
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: -0.004 min
Response: 1799951
Conc: 16.65 ug/ml



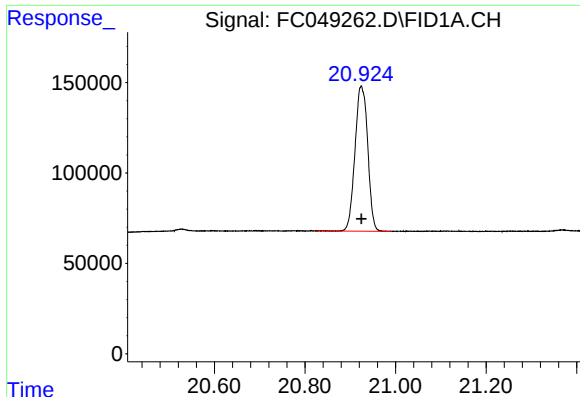
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: -0.002 min
Response: 1693161
Conc: 16.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.170 min
Delta R.T.: -0.002 min
Response: 1629681
Conc: 16.39 ug/ml m



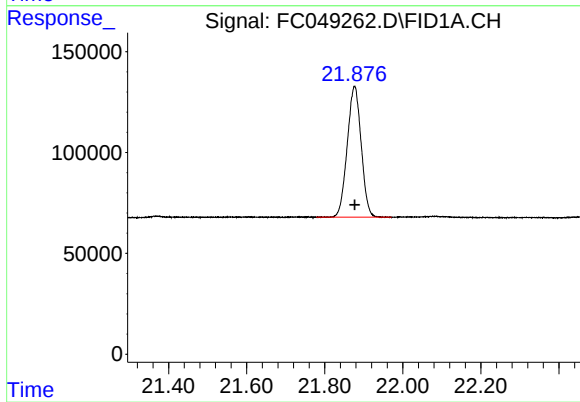
#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: 0.000 min
Response: 1564609
Conc: 16.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: 0.000 min
Response: 1608288
Conc: 16.85 ug/ml