

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030421AL\
 Data File : FC052211.D
 Signal(s) : FID1A.CH
 Acq On : 04 Mar 2021 12:16
 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

Integration File: autoint1.e
 Quant Time: Mar 05 00:34:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 2021
 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)	11.619	2482086	18.821 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
12) S 1-chlorooctadecane (S...	13.057	1960676	18.853 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T n-Nonane (C9)	3.360	2245327	19.048 ug/ml
2) T n-Decane (C10)	4.428	2261796	19.044 ug/ml
3) T A~Naphthalene (C11.7)	6.019	2537961	19.114 ug/ml
4) T n-Dodecane (C12)	6.451	2308943	19.100 ug/ml
5) T A~2-methylnaphthalene...	7.078	2597018	19.133 ug/ml
6) T n-Tetradecane (C14)	8.251	2314663	19.091 ug/ml
7) T n-Hexadecane (C16)	9.855	2269984	18.972 ug/ml
8) T n-Octadecane (C18)	11.300	2340236	18.905 ug/ml
10) T n-Eicosane (C20)	12.611	2328328	18.896 ug/ml
11) T n-Heneicosane (C21)	13.224	2291272	18.770 ug/ml
13) T n-Docosane (C22)	13.811	2257993	18.766 ug/ml
14) T n-Tetracosane (C24)	14.915	2164637	18.567 ug/ml
15) T n-Hexacosane (C26)	15.938	2017662	18.367 ug/ml
16) T n-Octacosane (C28)	16.889	1872305	18.266 ug/ml
17) T n-Tricontane (C30)	17.777	1713693	18.204 ug/ml
18) T n-Dotriacontane (C32)	18.610	1573340	18.427 ug/ml
19) T n-Tetratriacontane (C34)	19.394	1470739	18.970 ug/ml
20) T n-Hexatriacontane (C36)	20.134	1411794	19.647 ug/ml
21) T n-Octatriacontane (C38)	20.878	1302680	19.017 ug/ml
22) T n-Tetracontane (C40)	21.805	1396964	19.427 ug/ml

(f)=RT Delta > 1/2 Window

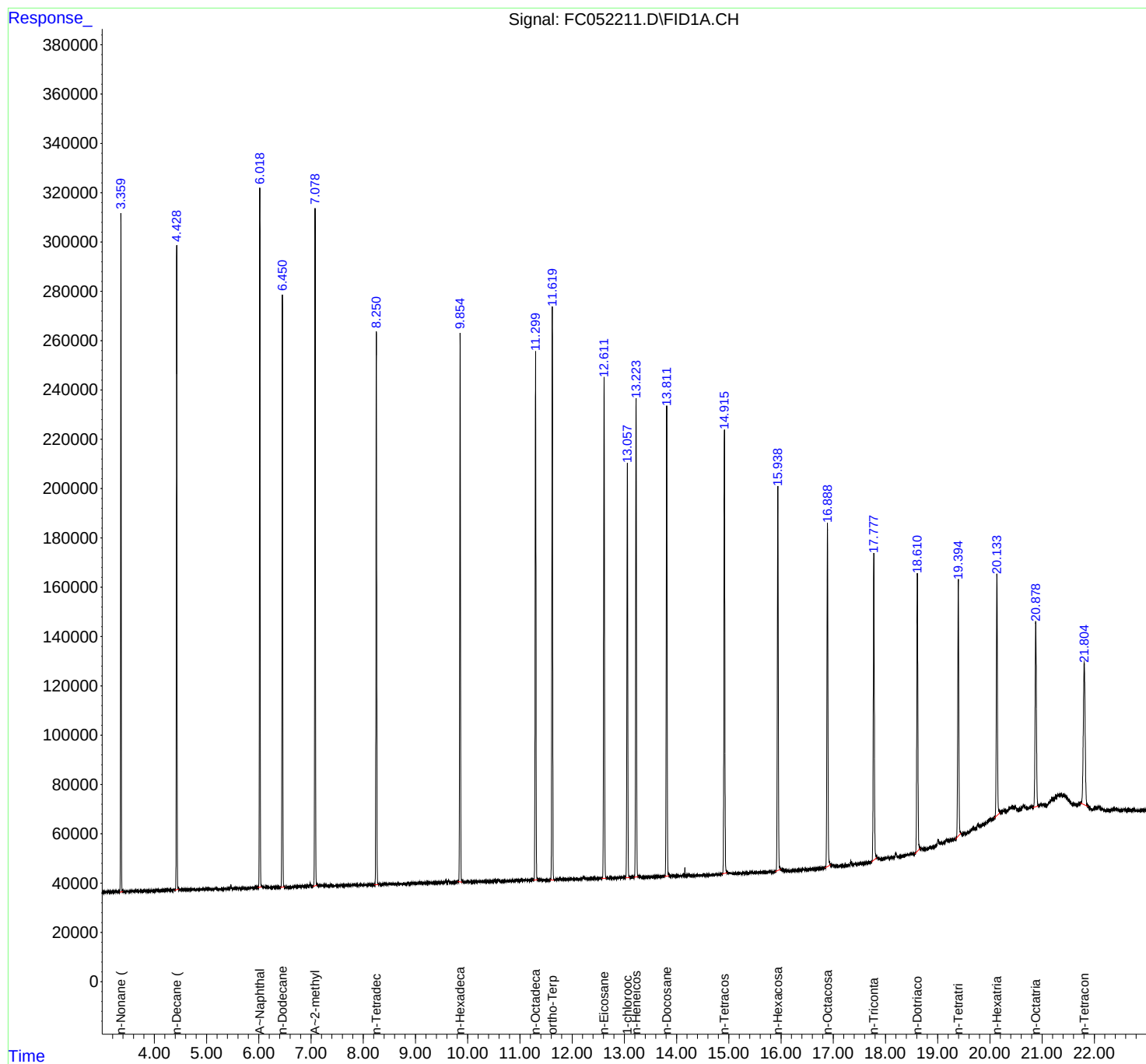
(m)=manual int.

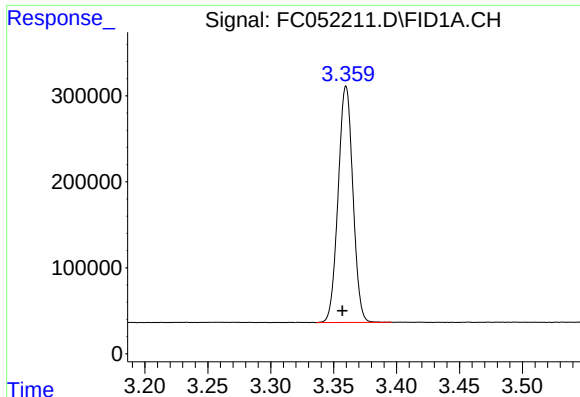
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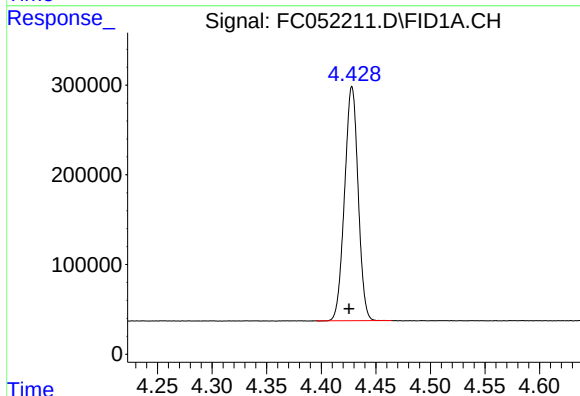




#1 n-Nonane (C9)

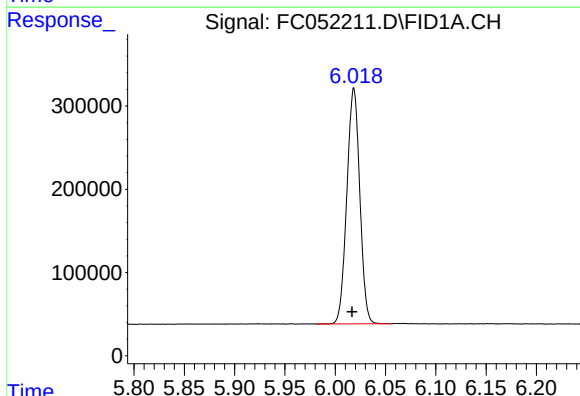
R.T.: 3.360 min
Delta R.T.: 0.003 min
Response: 2245327
Conc: 19.05 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



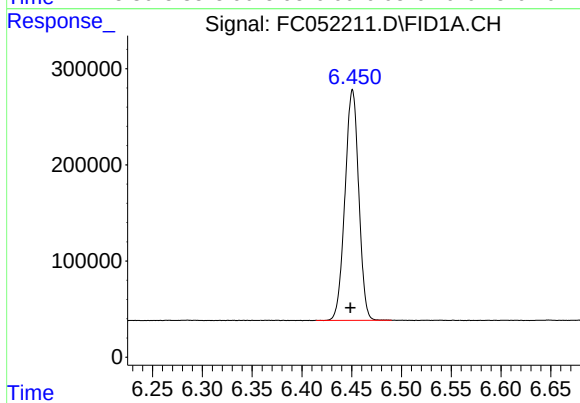
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.003 min
Response: 2261796
Conc: 19.04 ug/ml



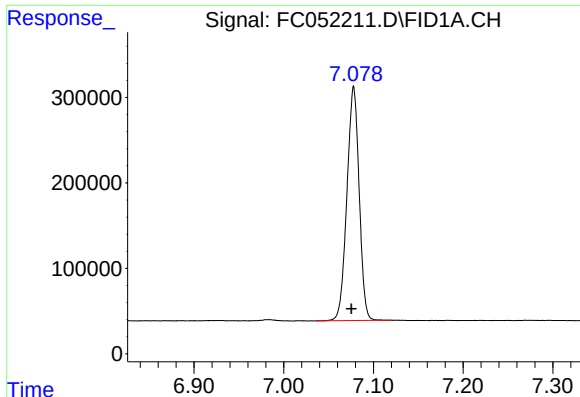
#3 A~Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 2537961
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

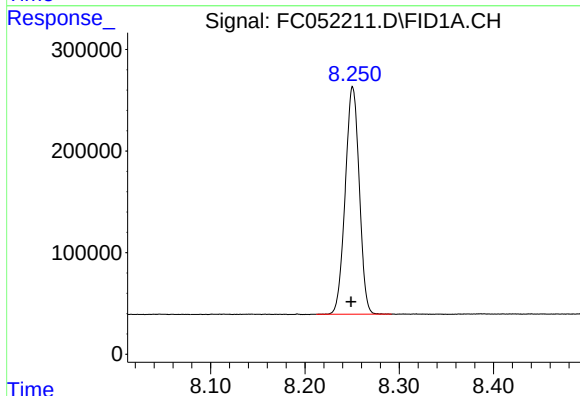
R.T.: 6.451 min
Delta R.T.: 0.002 min
Response: 2308943
Conc: 19.10 ug/ml



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

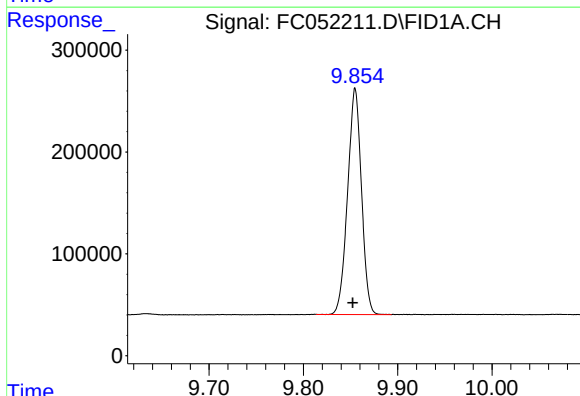
R.T.: 7.078 min
Delta R.T.: 0.003 min
Response: 2597018
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



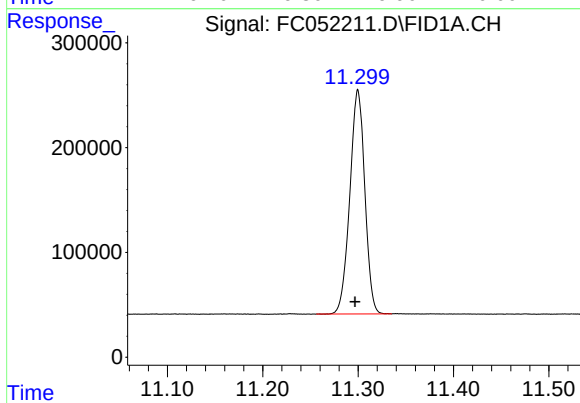
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: 0.002 min
Response: 2314663
Conc: 19.09 ug/ml



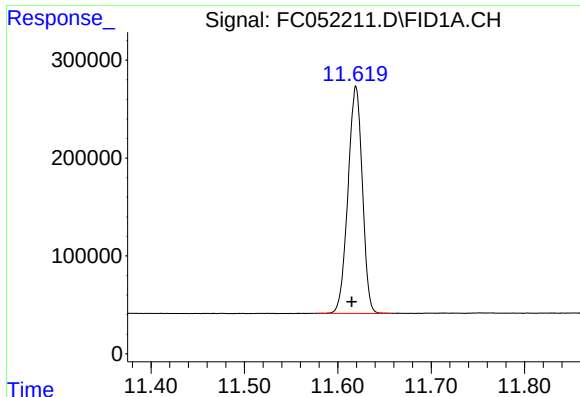
#7 n-Hexadecane (C16)

R.T.: 9.855 min
Delta R.T.: 0.003 min
Response: 2269984
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

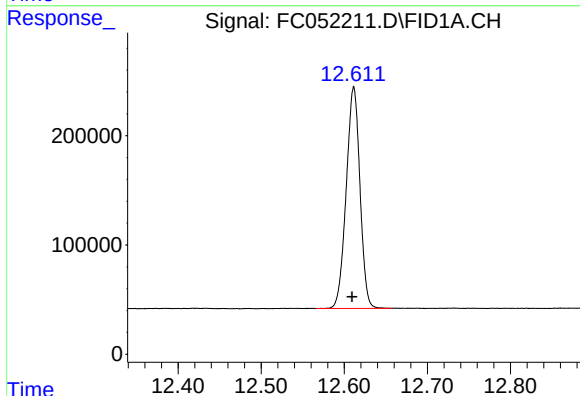
R.T.: 11.300 min
Delta R.T.: 0.003 min
Response: 2340236
Conc: 18.91 ug/ml



#9 ortho-Terphenyl (SURR)

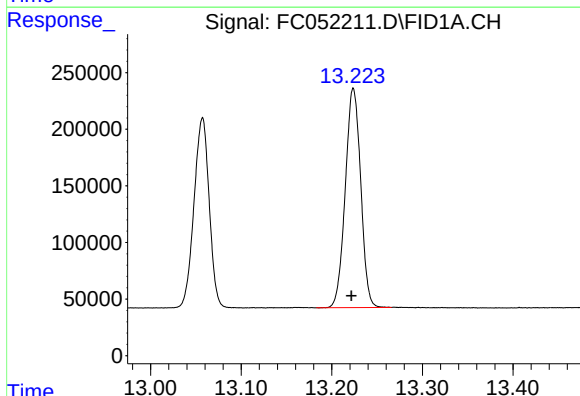
R.T.: 11.619 min
Delta R.T.: 0.004 min
Response: 2482086
Conc: 18.82 ug/ml

Instrument :
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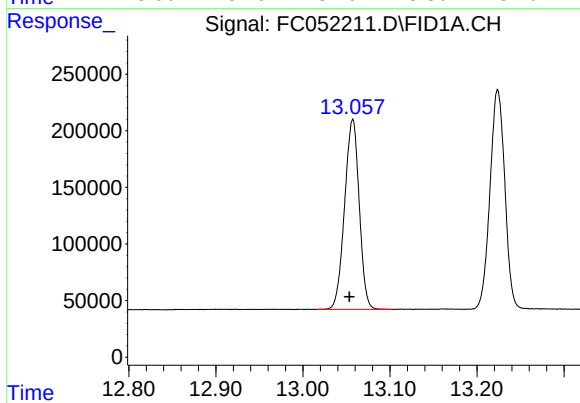
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: 0.002 min
Response: 2328328
Conc: 18.90 ug/ml



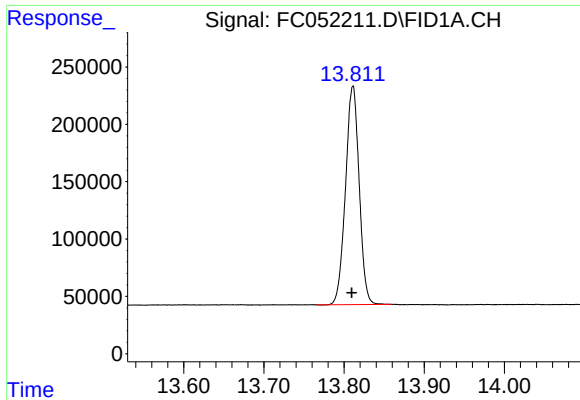
#11 n-Heneicosane (C21)

R.T.: 13.224 min
Delta R.T.: 0.002 min
Response: 2291272
Conc: 18.77 ug/ml



#12 1-chlorooctadecane (SURR)

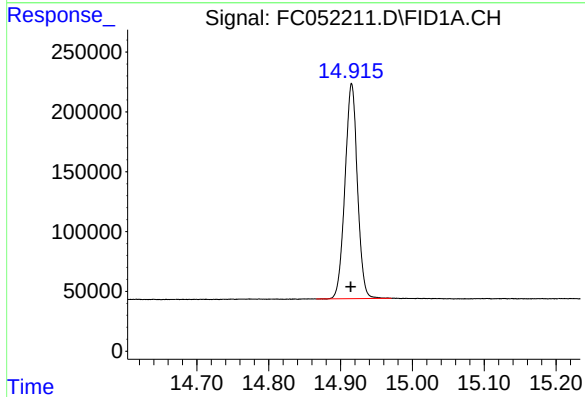
R.T.: 13.057 min
Delta R.T.: 0.004 min
Response: 1960676
Conc: 18.85 ug/ml



#13 n-Docosane (C22)

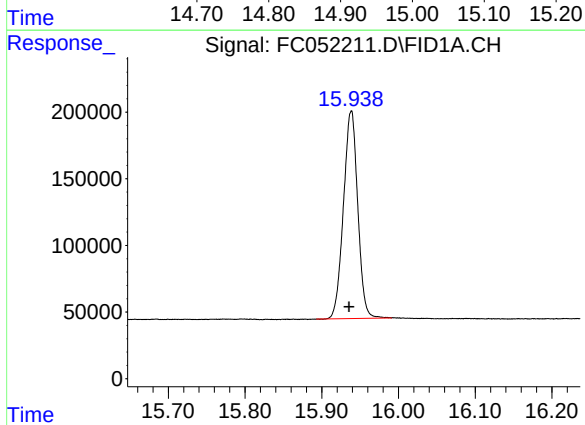
R.T.: 13.811 min
Delta R.T.: 0.002 min
Response: 2257993
Conc: 18.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



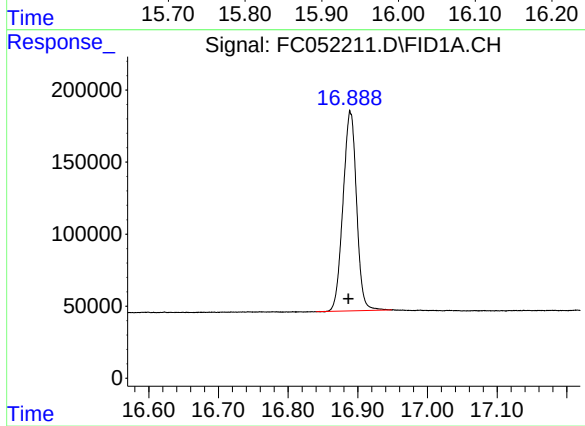
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: 0.001 min
Response: 2164637
Conc: 18.57 ug/ml



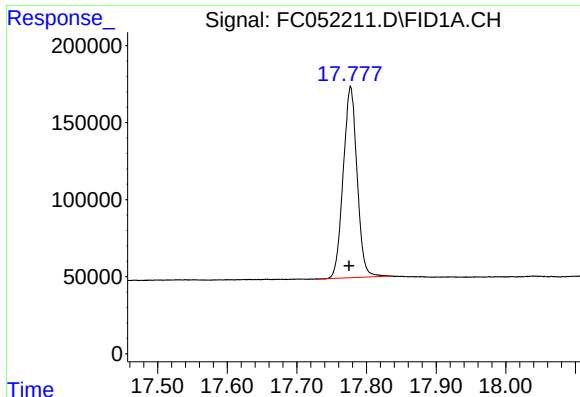
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: 0.003 min
Response: 2017662
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

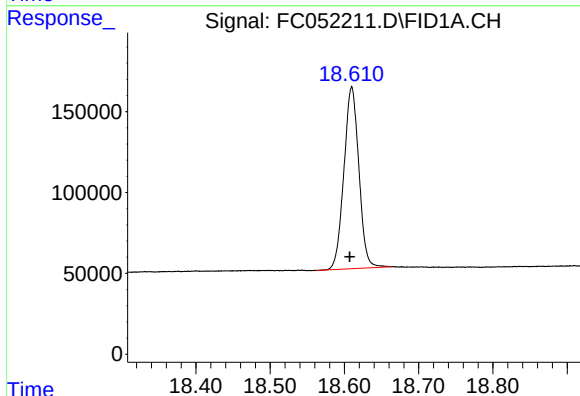
R.T.: 16.889 min
Delta R.T.: 0.003 min
Response: 1872305
Conc: 18.27 ug/ml



#17 n-Tricontane (C30)

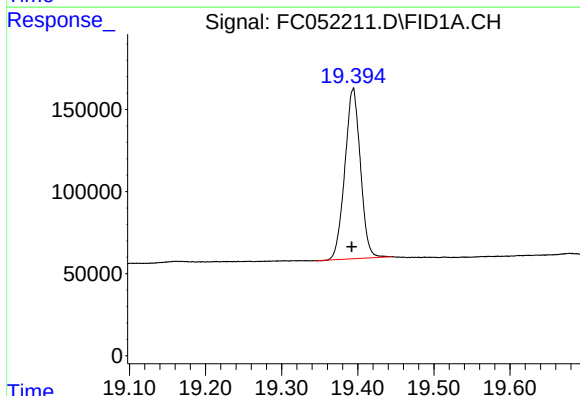
R.T.: 17.777 min
Delta R.T.: 0.002 min
Response: 1713693
Conc: 18.20 ug/ml

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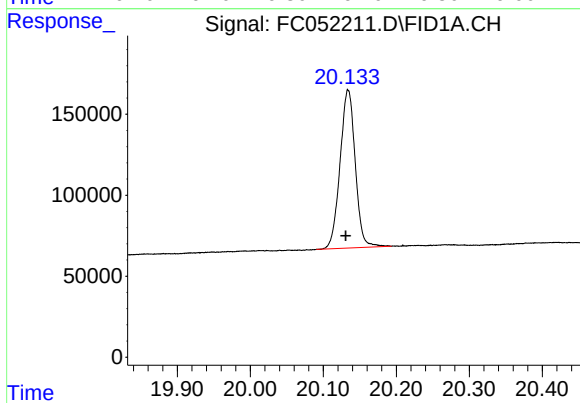
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: 0.002 min
Response: 1573340
Conc: 18.43 ug/ml



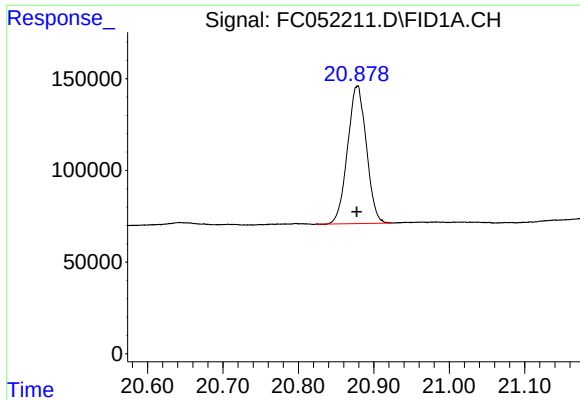
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: 0.002 min
Response: 1470739
Conc: 18.97 ug/ml



#20 n-Hexatriacontane (C36)

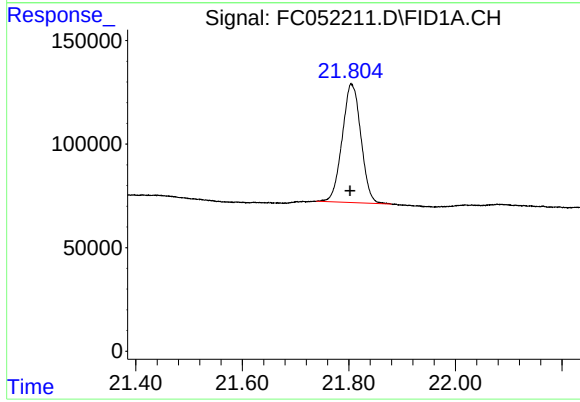
R.T.: 20.134 min
Delta R.T.: 0.003 min
Response: 1411794
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.878 min
Delta R.T.: 0.000 min
Response: 1302680
Conc: 19.02 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.805 min
Delta R.T.: 0.002 min
Response: 1396964
Conc: 19.43 ug/ml