

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110220AL\
 Data File : FC050508.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2020 00:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 03 02:39:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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	2419657	19.700 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
12) S 1-chlorooctadecane (S...	13.054	1910064	19.783 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
Target Compounds			
1) T n-Nonane (C9)	3.369	2114454	19.872 ug/ml
2) T n-Decane (C10)	4.438	2116632	19.902 ug/ml
3) T A~Naphthalene (C11.7)	6.031	2289630	19.882 ug/ml
4) T n-Dodecane (C12)	6.458	2150032	19.830 ug/ml
5) T A~2-methylnaphthalene...	7.088	2305130	20.092 ug/ml
6) T n-Tetradecane (C14)	8.255	2130073	19.749 ug/ml
7) T n-Hexadecane (C16)	9.857	2103291	19.758 ug/ml
8) T n-Octadecane (C18)	11.299	2218075	19.718 ug/ml
10) T n-Eicosane (C20)	12.608	2252084	19.732 ug/ml
11) T n-Heneicosane (C21)	13.220	2255632	19.772 ug/ml
13) T n-Docosane (C22)	13.806	2260523	19.808 ug/ml
14) T n-Tetracosane (C24)	14.908	2273984	19.912 ug/ml
15) T n-Hexacosane (C26)	15.928	2277651	20.088 ug/ml
16) T n-Octacosane (C28)	16.877	2295579	20.231 ug/ml
17) T n-Tricontane (C30)	17.763	2257150	20.301 ug/ml
18) T n-Dotriacontane (C32)	18.594	2110908	20.461 ug/ml
19) T n-Tetratriacontane (C34)	19.377	1980157	20.579 ug/ml
20) T n-Hexatriacontane (C36)	20.115	1863251	20.739 ug/ml
21) T n-Octatriacontane (C38)	20.859	1705717	20.514 ug/ml
22) T n-Tetracontane (C40)	21.788	1701234	20.330 ug/ml

(f)=RT Delta > 1/2 Window

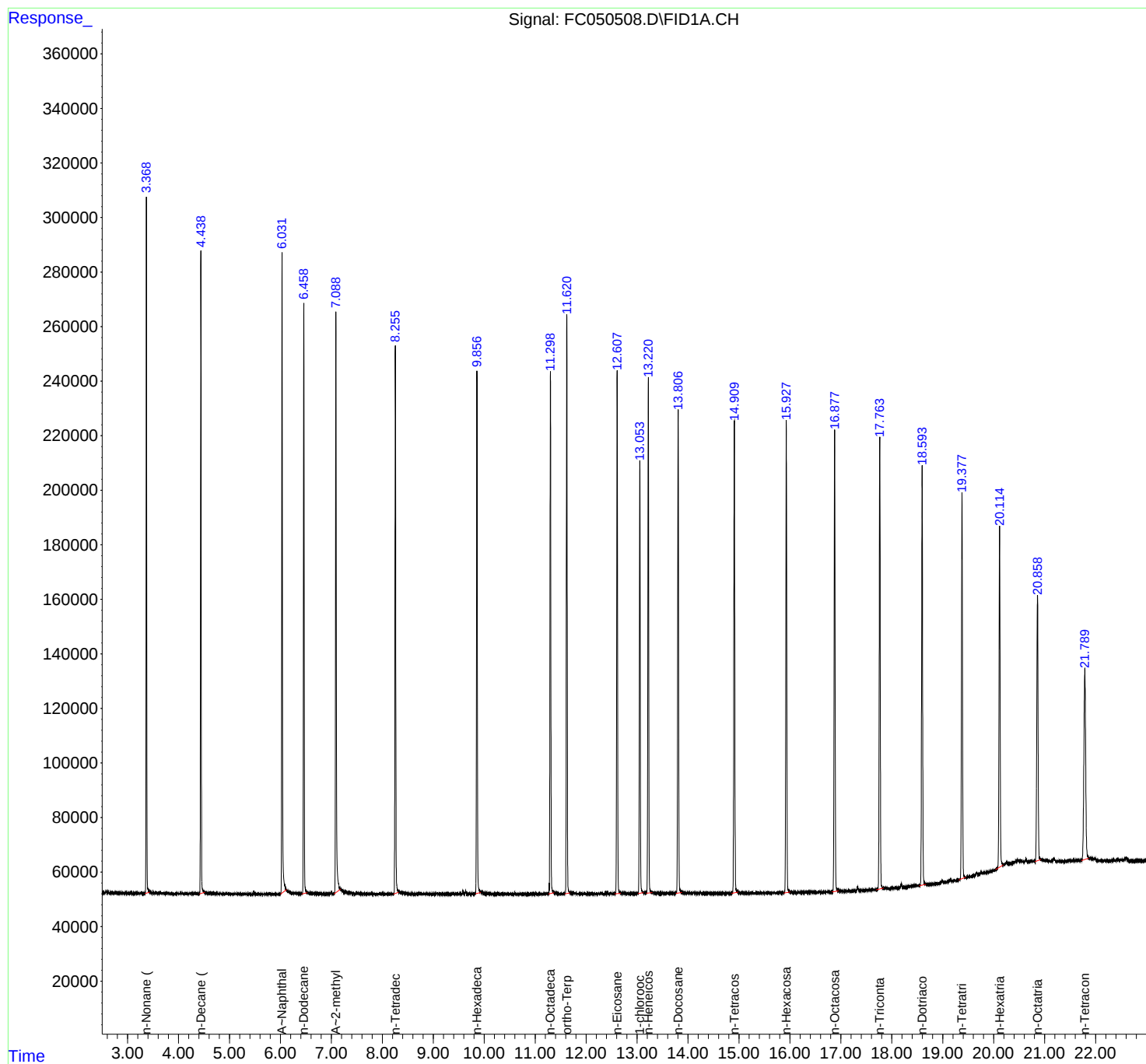
(m)=manual int.

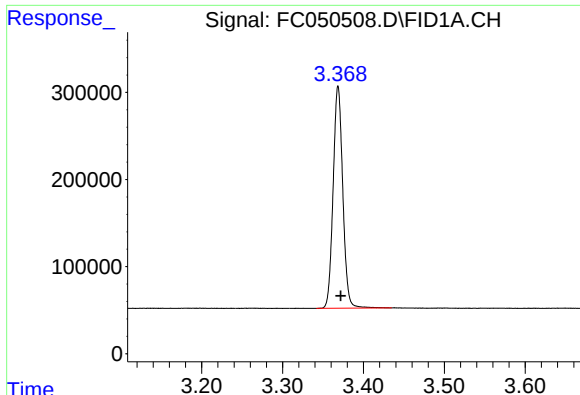
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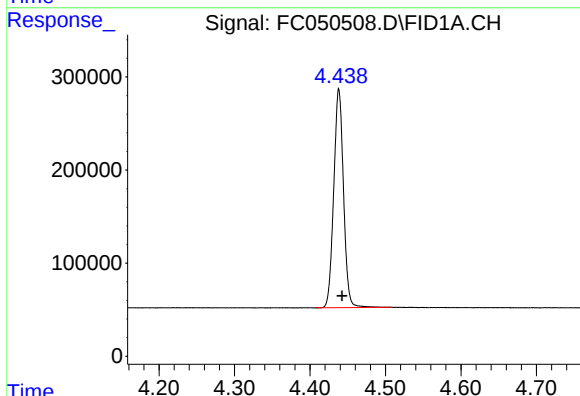




#1 n-Nonane (C9)

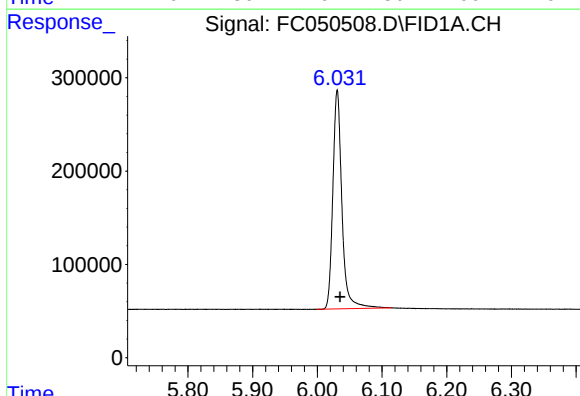
R.T.: 3.369 min
Delta R.T.: -0.003 min
Response: 2114454
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



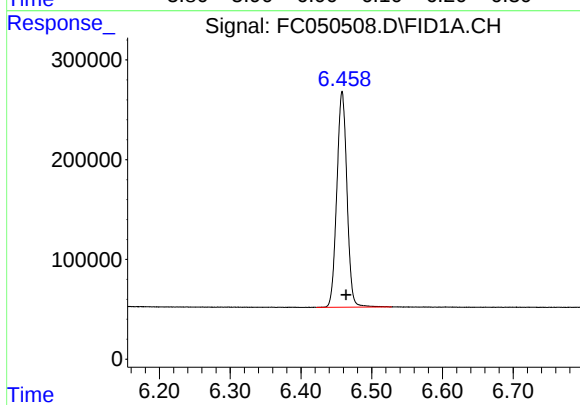
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.004 min
Response: 2116632
Conc: 19.90 ug/ml



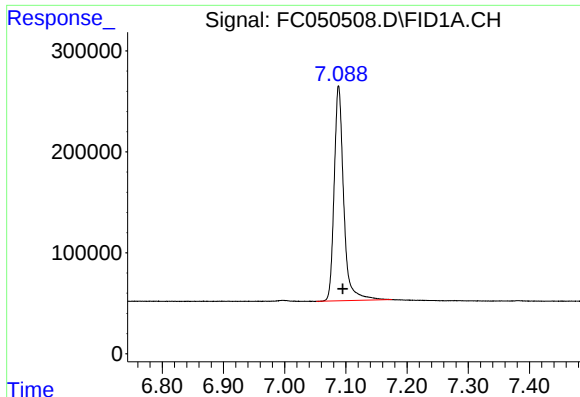
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2289630
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

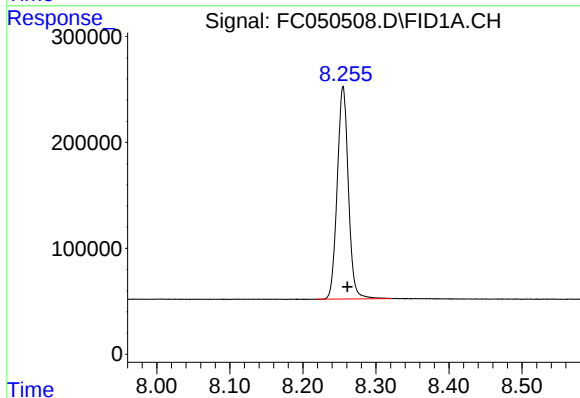
R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 2150032
Conc: 19.83 ug/ml



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

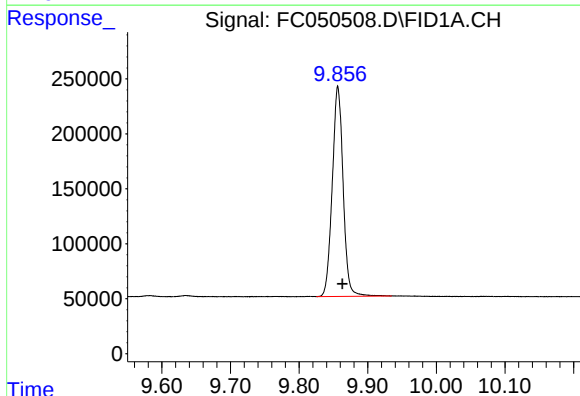
R.T.: 7.088 min
Delta R.T.: -0.006 min
Response: 2305130
Conc: 20.09 ug/ml

Instrument :
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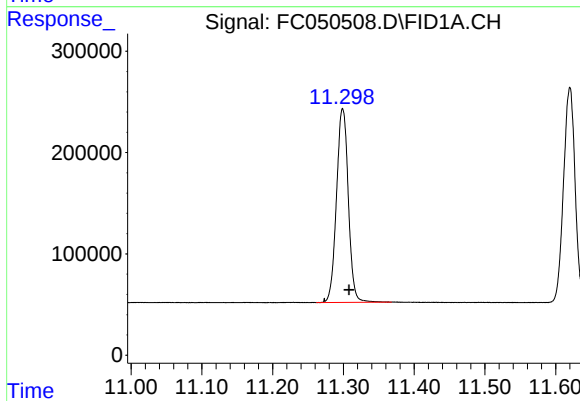
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.006 min
Response: 2130073
Conc: 19.75 ug/ml



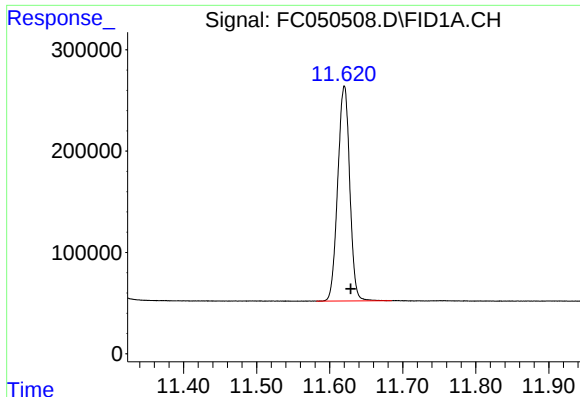
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: -0.006 min
Response: 2103291
Conc: 19.76 ug/ml



#8 n-Octadecane (C18)

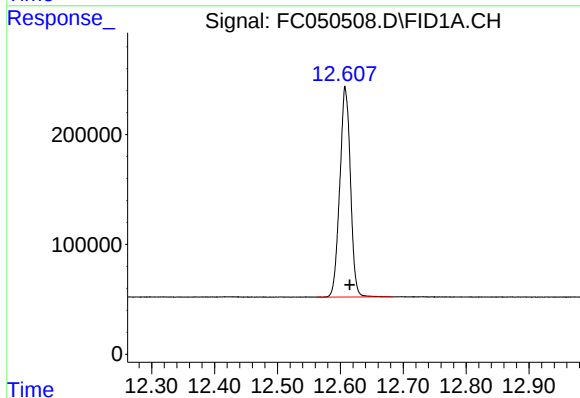
R.T.: 11.299 min
Delta R.T.: -0.009 min
Response: 2218075
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

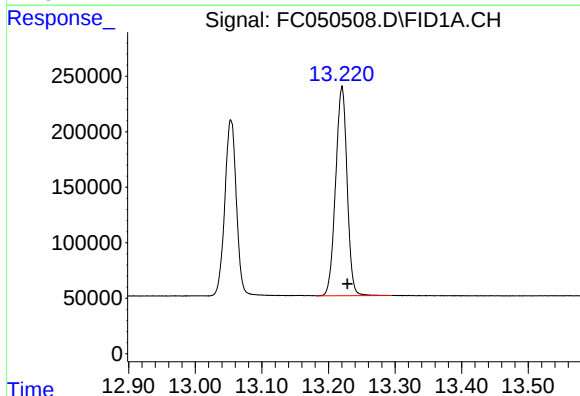
R.T.: 11.620 min
Delta R.T.: -0.009 min
Response: 2419657
Conc: 19.70 ug/ml

Instrument :
FID_C
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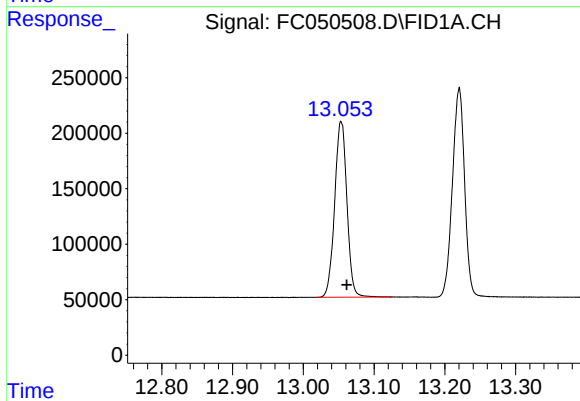
#10 n-Eicosane (C20)

R.T.: 12.608 min
Delta R.T.: -0.007 min
Response: 2252084
Conc: 19.73 ug/ml



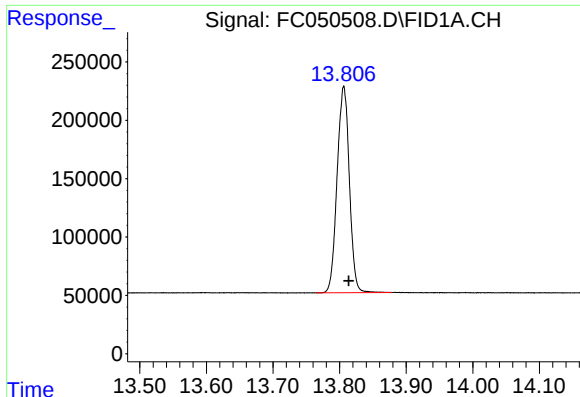
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.008 min
Response: 2255632
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

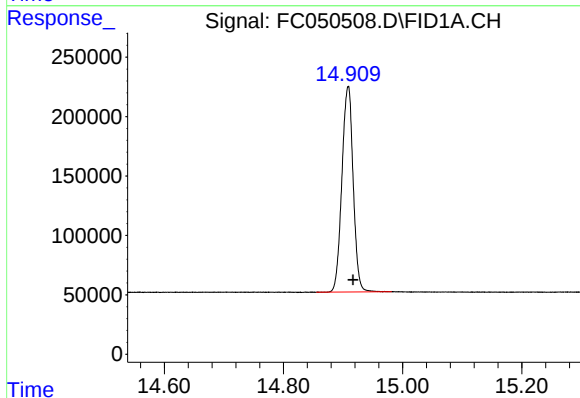
R.T.: 13.054 min
Delta R.T.: -0.008 min
Response: 1910064
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

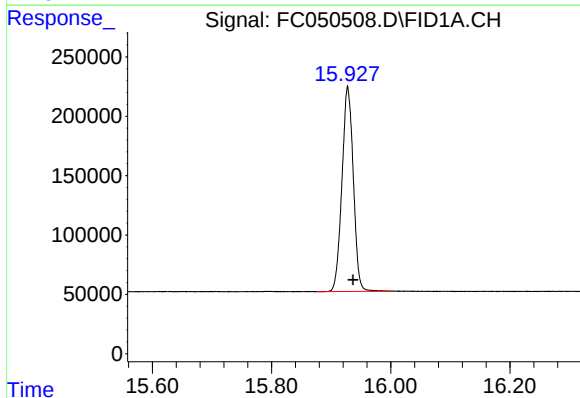
R.T.: 13.806 min
Delta R.T.: -0.007 min
Response: 2260523
Conc: 19.81 ug/ml

Instrument :
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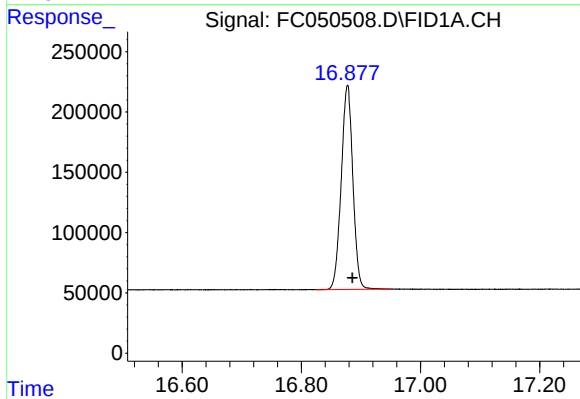
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.008 min
Response: 2273984
Conc: 19.91 ug/ml



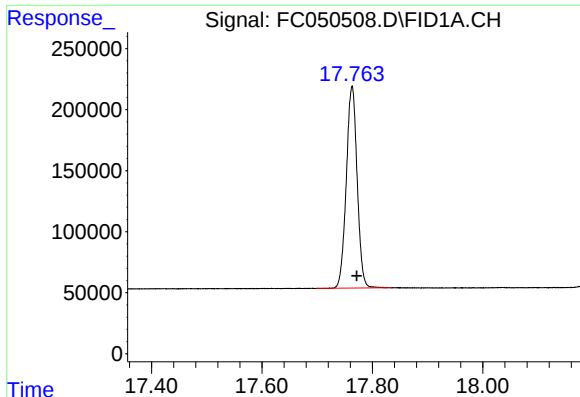
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: -0.009 min
Response: 2277651
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

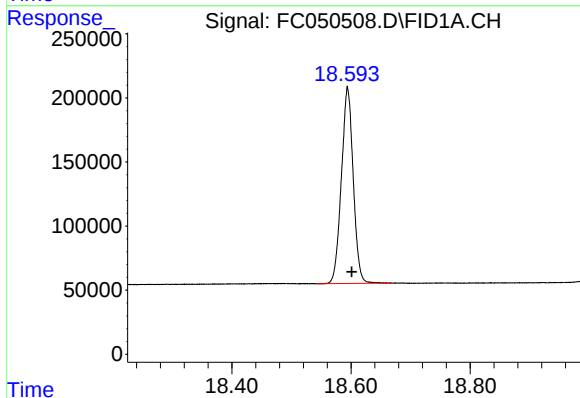
R.T.: 16.877 min
Delta R.T.: -0.008 min
Response: 2295579
Conc: 20.23 ug/ml



#17 n-Tricontane (C30)

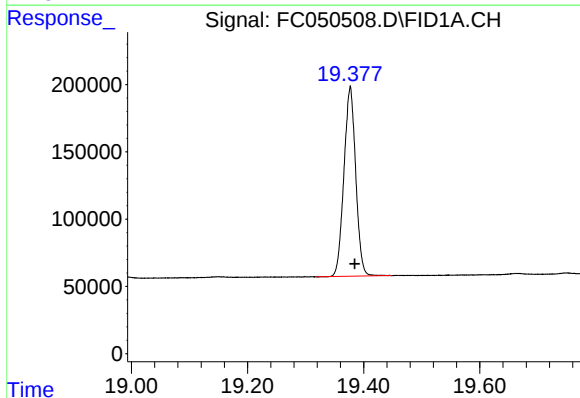
R.T.: 17.763 min
Delta R.T.: -0.009 min
Response: 2257150
Conc: 20.30 ug/ml

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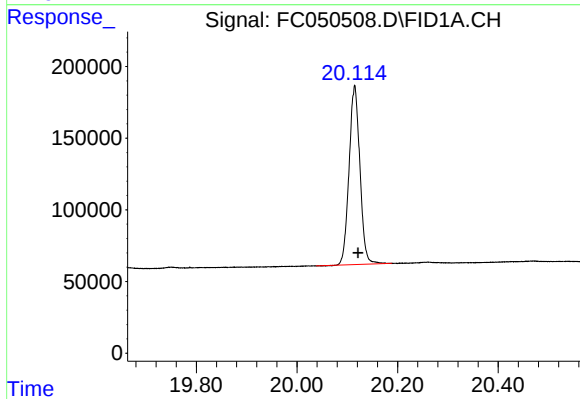
#18 n-Dotriacontane (C32)

R.T.: 18.594 min
Delta R.T.: -0.007 min
Response: 2110908
Conc: 20.46 ug/ml



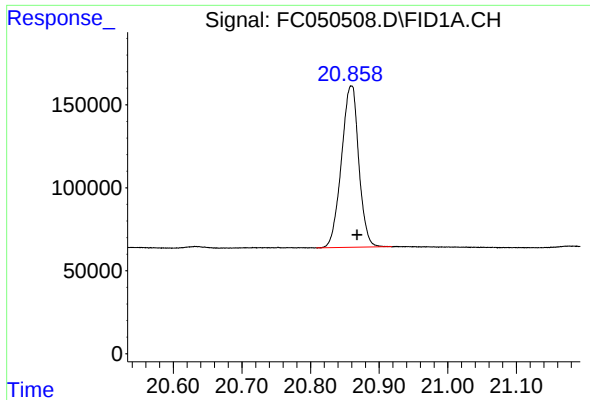
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min
Delta R.T.: -0.008 min
Response: 1980157
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

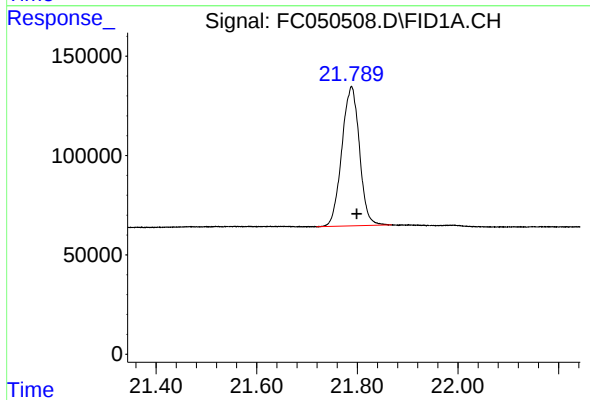
R.T.: 20.115 min
Delta R.T.: -0.007 min
Response: 1863251
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: -0.009 min
Response: 1705717
Conc: 20.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.788 min
Delta R.T.: -0.010 min
Response: 1701234
Conc: 20.33 ug/ml