

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081320AL\
 Data File : FC048973.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2020 9:49
 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: Aug 14 03:12:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.673	2576686	21.687 ug/ml
Spiked Amount 50.000		Recovery =	43.37%
12) S 1-chlorooctadecane (S...	13.106	2099937	21.586 ug/ml
Spiked Amount 50.000		Recovery =	43.17%
Target Compounds			
1) T n-Nonane (C9)	3.408	2202431	21.117 ug/ml
2) T n-Decane (C10)	4.483	2247414	21.427 ug/ml
3) T A-Naphthalene (C11.7)	6.078	2541634	21.491 ug/ml
4) T n-Dodecane (C12)	6.508	2289669	21.587 ug/ml
5) T A~2-methylnaphthalene...	7.138	2609527	21.643 ug/ml
6) T n-Tetradecane (C14)	8.305	2287535	21.723 ug/ml
7) T n-Hexadecane (C16)	9.908	2273583	21.661 ug/ml
8) T n-Octadecane (C18)	11.350	2379725	21.661 ug/ml
10) T n-Eicosane (C20)	12.659	2408948	21.647 ug/ml
11) T n-Heneicosane (C21)	13.271	2412824	21.599 ug/ml
13) T n-Docosane (C22)	13.858	2431732	21.634 ug/ml
14) T n-Tetracosane (C24)	14.959	2464087	21.674 ug/ml
15) T n-Hexacosane (C26)	15.979	2447926	21.395 ug/ml
16) T n-Octacosane (C28)	16.927	2445325	21.019 ug/ml
17) T n-Tricontane (C30)	17.812	2393695	20.707 ug/ml
18) T n-Dotriacontane (C32)	18.644	2170802	20.077 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1982982	19.119 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1853060	18.637 ug/ml
21) T n-Octatriacontane (C38)	20.915	1722273	18.213 ug/ml
22) T n-Tetracontane (C40)	21.861	1745944	18.289 ug/ml

(f)=RT Delta > 1/2 Window

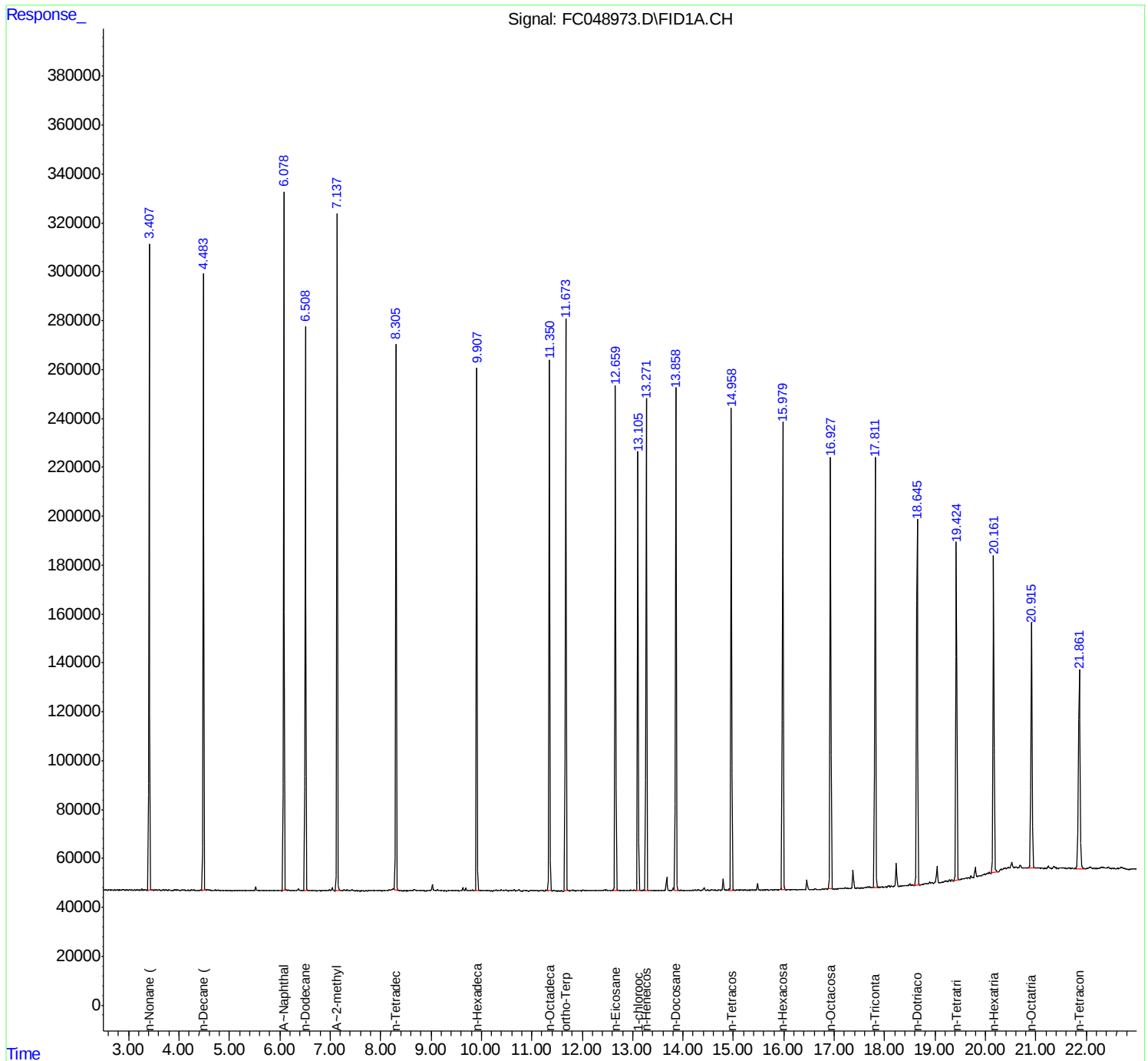
(m)=manual int.

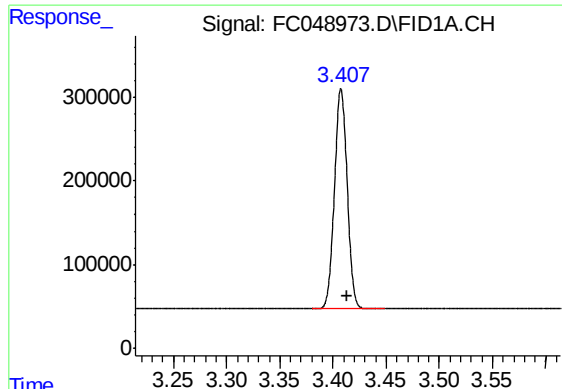
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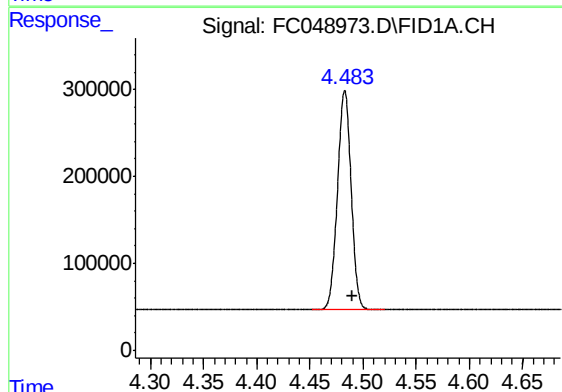




#1 n-Nonane (C9)

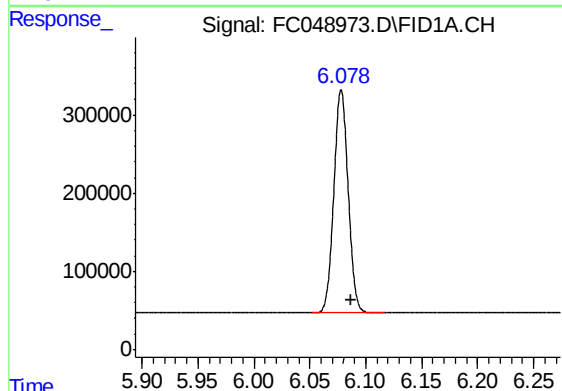
R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2202431
Conc: 21.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



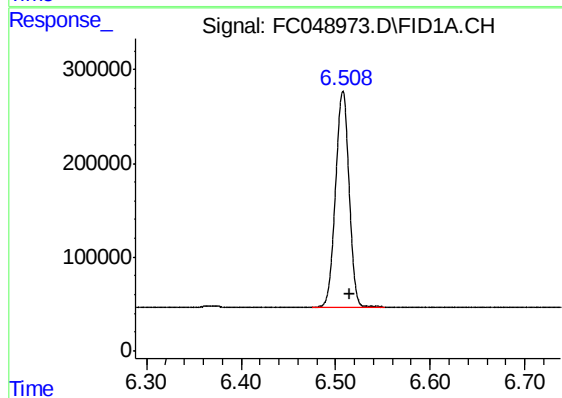
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.007 min
Response: 2247414
Conc: 21.43 ug/ml



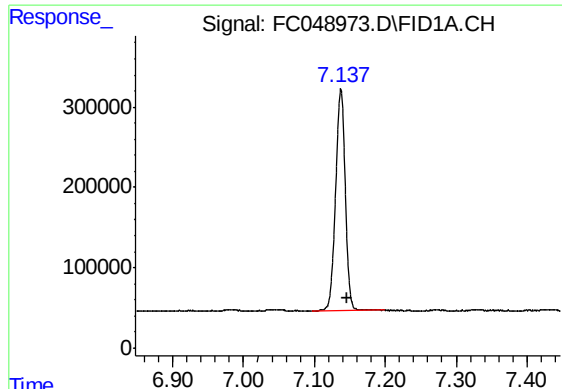
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: -0.009 min
Response: 2541634
Conc: 21.49 ug/ml



#4 n-Dodecane (C12)

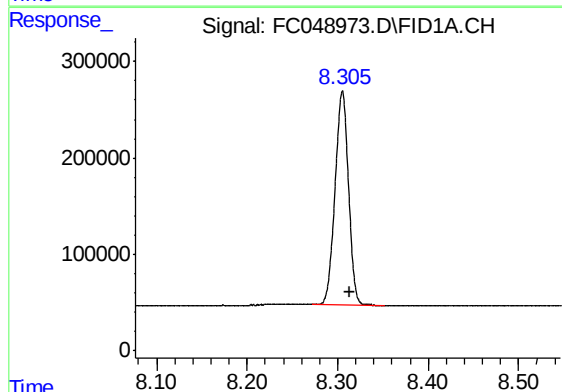
R.T.: 6.508 min
Delta R.T.: -0.007 min
Response: 2289669
Conc: 21.59 ug/ml



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

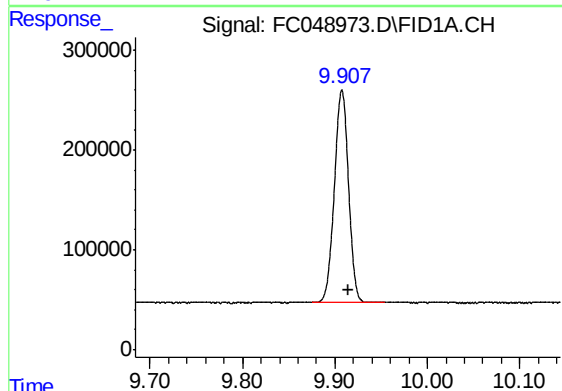
R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 2609527
Conc: 21.64 ug/ml

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20 PPM ALIPHATIC HC STD



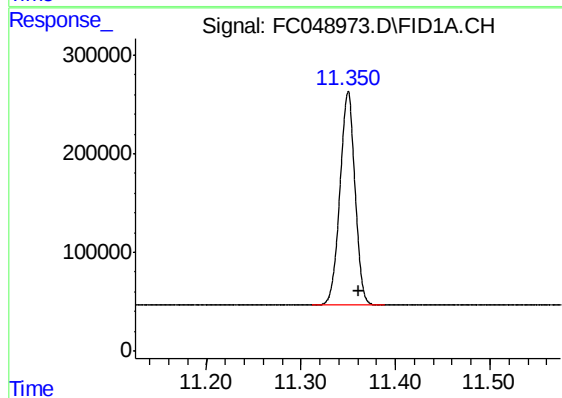
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.008 min
Response: 2287535
Conc: 21.72 ug/ml



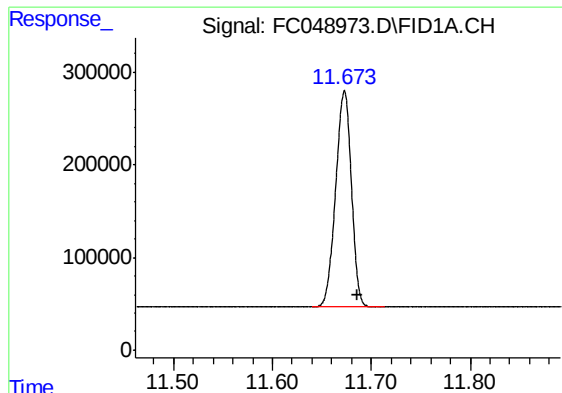
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.008 min
Response: 2273583
Conc: 21.66 ug/ml



#8 n-Octadecane (C18)

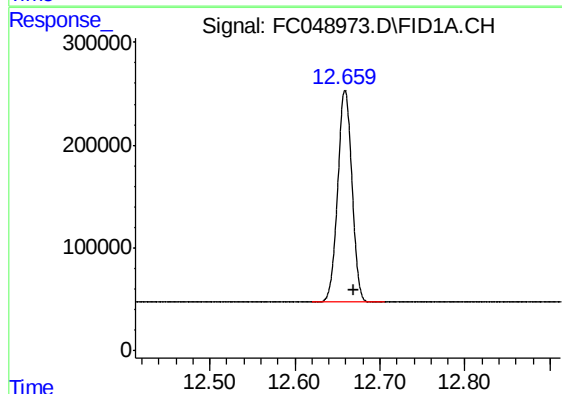
R.T.: 11.350 min
Delta R.T.: -0.011 min
Response: 2379725
Conc: 21.66 ug/ml



#9 ortho-Terphenyl (SURR)

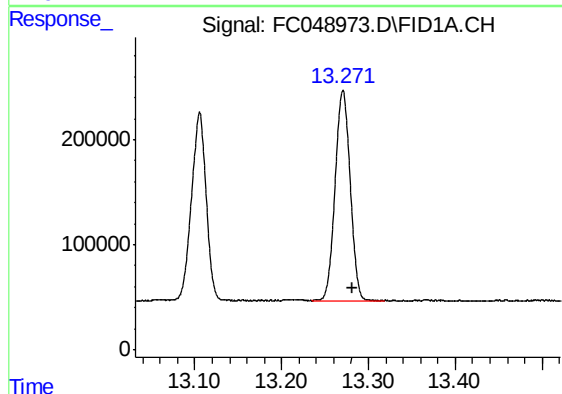
R.T.: 11.673 min
Delta R.T.: -0.012 min
Response: 2576686
Conc: 21.69 ug/ml

Instrument :
FID_C
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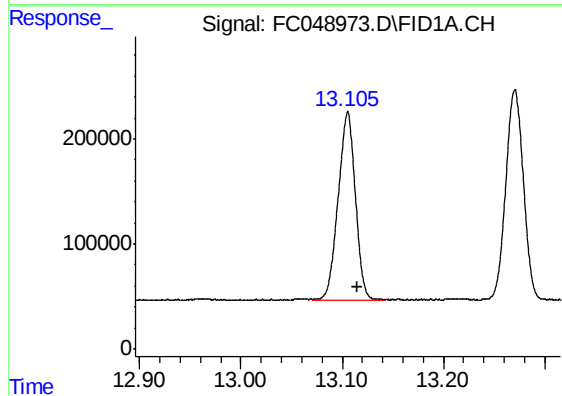
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: -0.011 min
Response: 2408948
Conc: 21.65 ug/ml



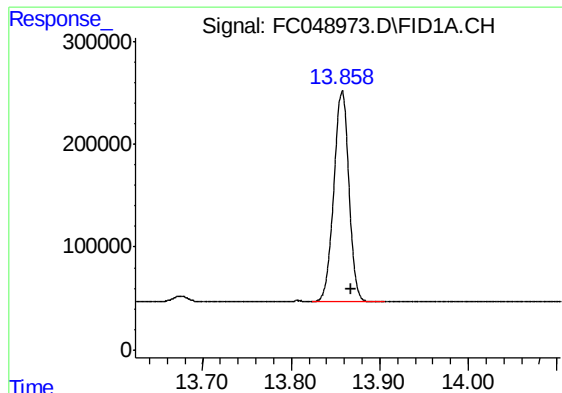
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: -0.011 min
Response: 2412824
Conc: 21.60 ug/ml



#12 1-chlorooctadecane (SURR)

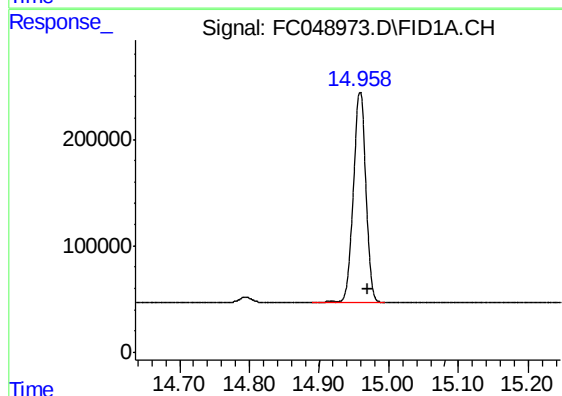
R.T.: 13.106 min
Delta R.T.: -0.009 min
Response: 2099937
Conc: 21.59 ug/ml



#13 n-Docosane (C22)

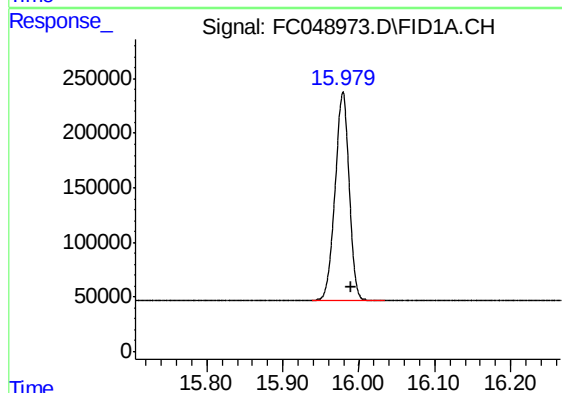
R.T.: 13.858 min
Delta R.T.: -0.010 min
Response: 2431732
Conc: 21.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



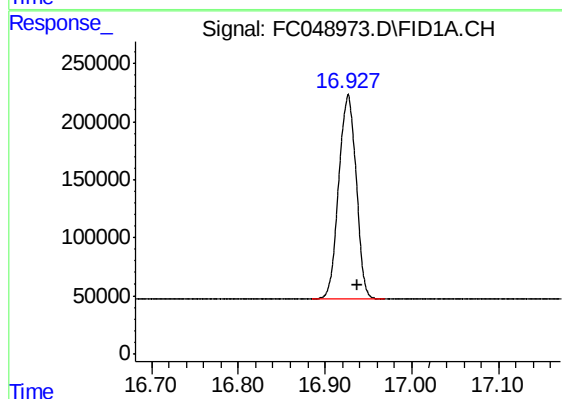
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: -0.010 min
Response: 2464087
Conc: 21.67 ug/ml



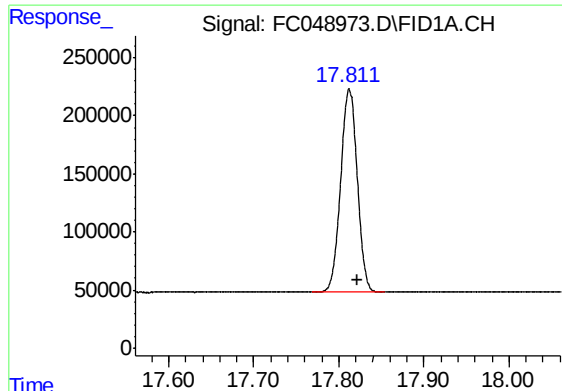
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.011 min
Response: 2447926
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

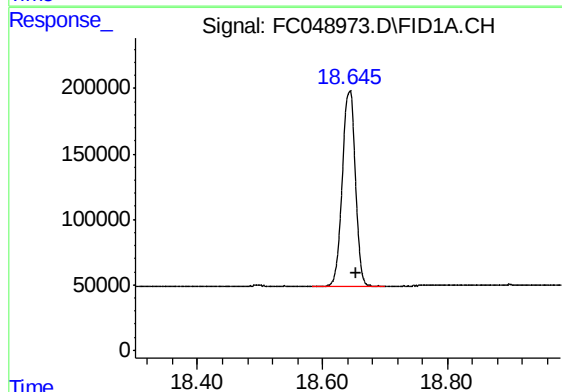
R.T.: 16.927 min
Delta R.T.: -0.011 min
Response: 2445325
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

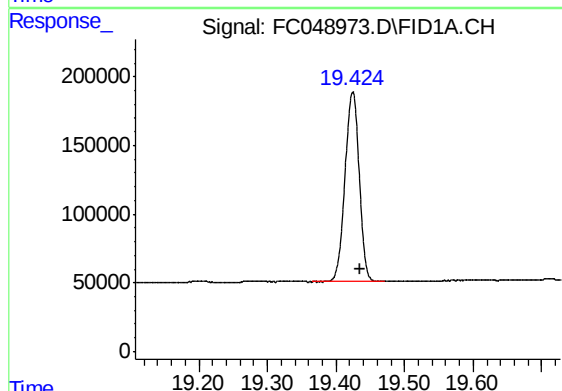
R.T.: 17.812 min
Delta R.T.: -0.010 min
Response: 2393695
Conc: 20.71 ug/ml

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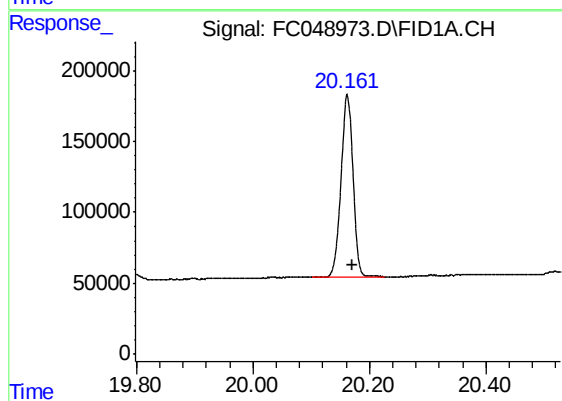
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.010 min
Response: 2170802
Conc: 20.08 ug/ml



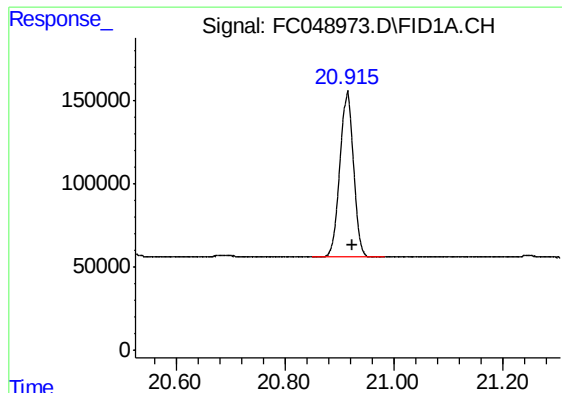
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.010 min
Response: 1982982
Conc: 19.12 ug/ml



#20 n-Hexatriacontane (C36)

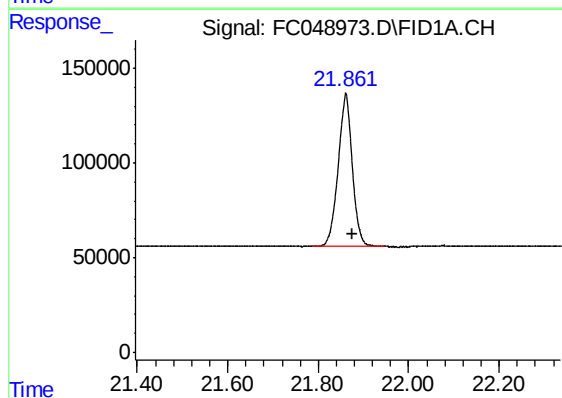
R.T.: 20.162 min
Delta R.T.: -0.010 min
Response: 1853060
Conc: 18.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: -0.009 min
Response: 1722273
Conc: 18.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.016 min
Response: 1745944
Conc: 18.29 ug/ml