

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082820AL\
 Data File : FC049325.D
 Signal(s) : FID1A.CH
 Acq On : 29 Aug 2020 10:33
 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 31 02:33:50 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)	11.675	2668000	22.455 ug/ml
Spiked Amount 50.000		Recovery =	44.91%
12) S 1-chlorooctadecane (S...	13.107	2166243	22.268 ug/ml
Spiked Amount 50.000		Recovery =	44.54%
Target Compounds			
1) T n-Nonane (C9)	3.405	2373943	22.761 ug/ml
2) T n-Decane (C10)	4.480	2456239	23.418 ug/ml
3) T A-Naphthalene (C11.7)	6.079	2790895	23.599 ug/ml
4) T n-Dodecane (C12)	6.506	2532819	23.880 ug/ml
5) T A~2-methylnaphthalene...	7.138	2876137	23.854 ug/ml
6) T n-Tetradecane (C14)	8.305	2553057	24.244 ug/ml
7) T n-Hexadecane (C16)	9.908	2495852	23.778 ug/ml
8) T n-Octadecane (C18)	11.351	2585657	23.536 ug/ml
10) T n-Eicosane (C20)	12.662	2548826	22.904 ug/ml
11) T n-Heneicosane (C21)	13.274	2507981	22.451 ug/ml
13) T n-Docosane (C22)	13.860	2473283	22.004 ug/ml
14) T n-Tetracosane (C24)	14.963	2394755	21.064 ug/ml
15) T n-Hexacosane (C26)	15.982	2286731	19.986 ug/ml
16) T n-Octacosane (C28)	16.931	2235792	19.218 ug/ml
17) T n-Tricontane (C30)	17.817	2168605	18.760 ug/ml
18) T n-Dotriacontane (C32)	18.649	2015915	18.644 ug/ml
19) T n-Tetratriacontane (C34)	19.431	2027795	19.551 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1835184	18.457 ug/ml
21) T n-Octatriacontane (C38)	20.923	1875190	19.830 ug/ml
22) T n-Tetracontane (C40)	21.872	1860339	19.487 ug/ml

(f)=RT Delta > 1/2 Window

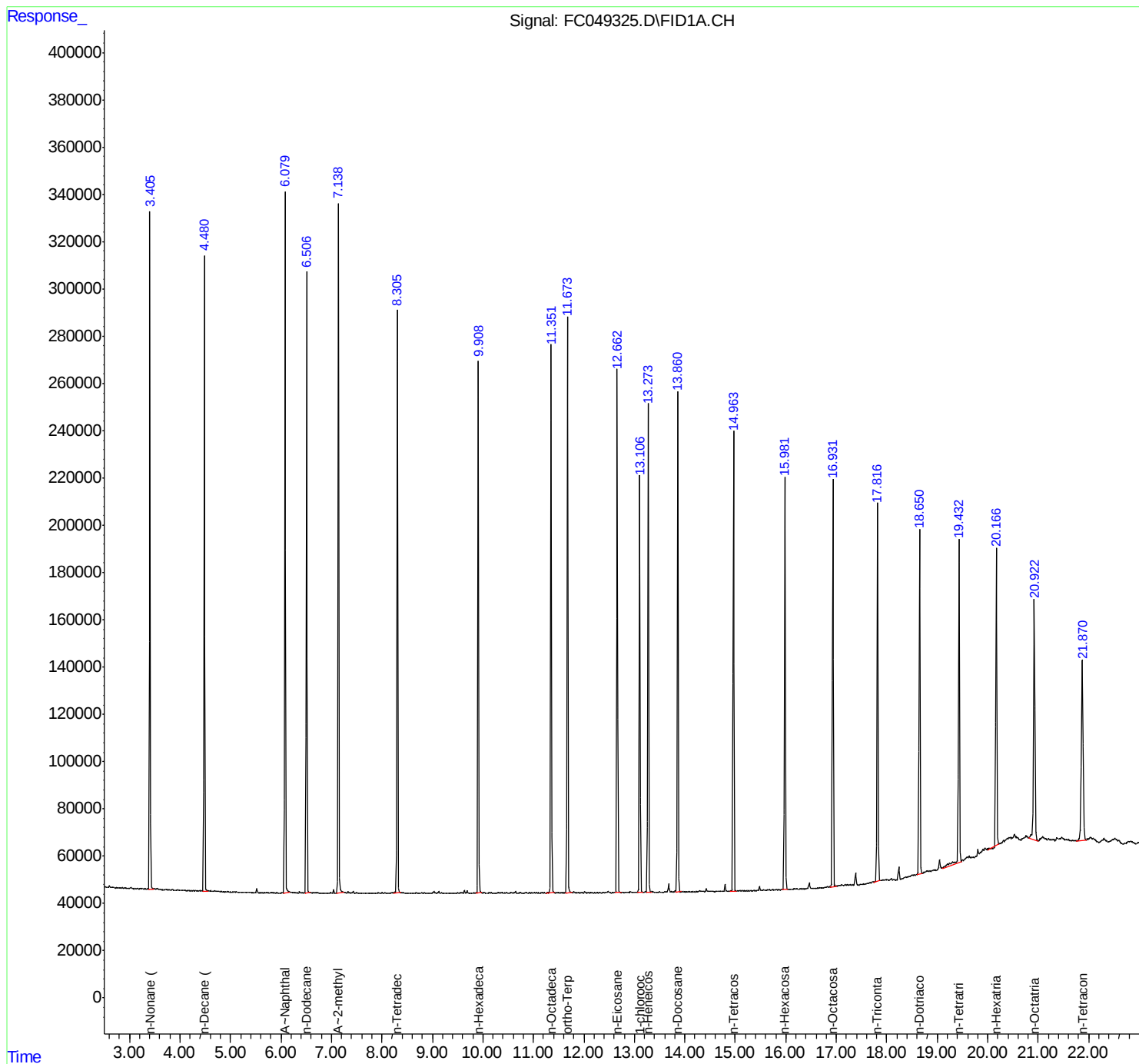
(m)=manual int.

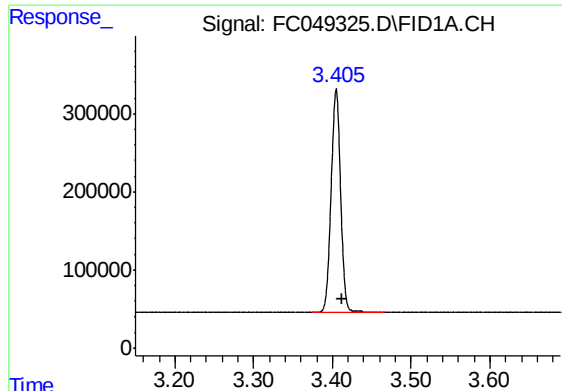
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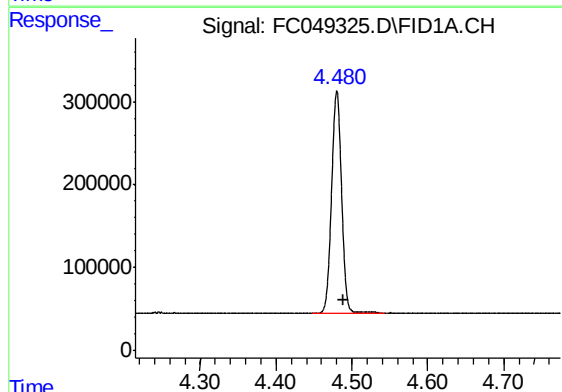




#1 n-Nonane (C9)

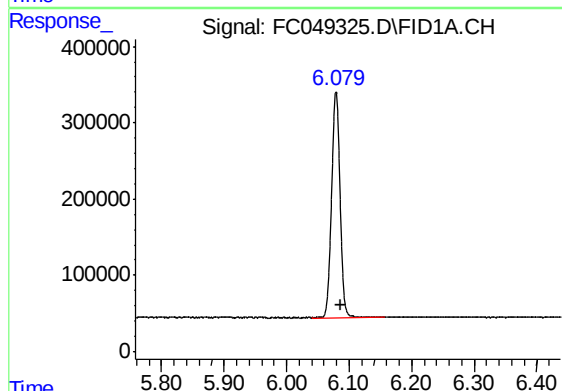
R.T.: 3.405 min
Delta R.T.: -0.008 min
Response: 2373943
Conc: 22.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



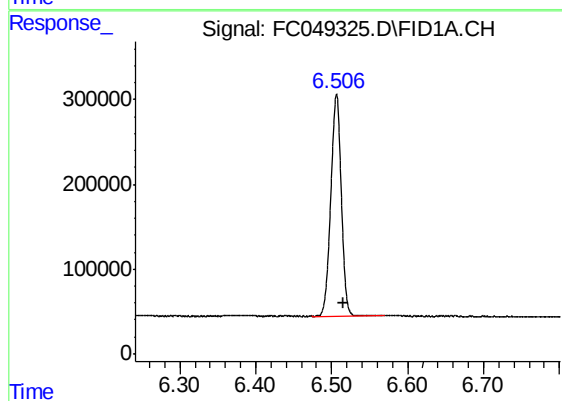
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.009 min
Response: 2456239
Conc: 23.42 ug/ml



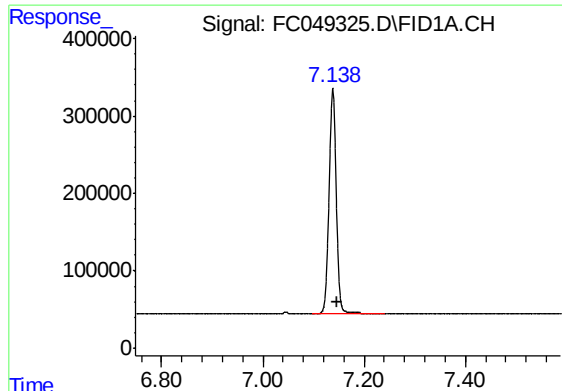
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 2790895
Conc: 23.60 ug/ml



#4 n-Dodecane (C12)

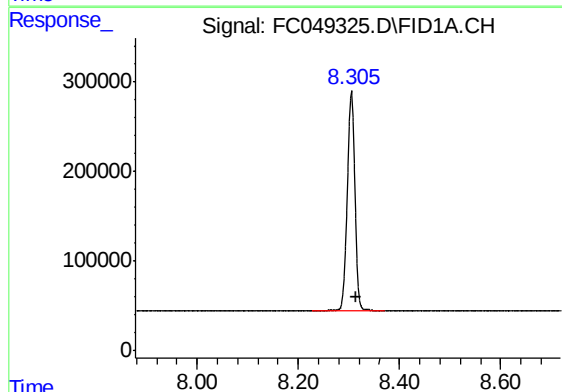
R.T.: 6.506 min
Delta R.T.: -0.009 min
Response: 2532819
Conc: 23.88 ug/ml



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

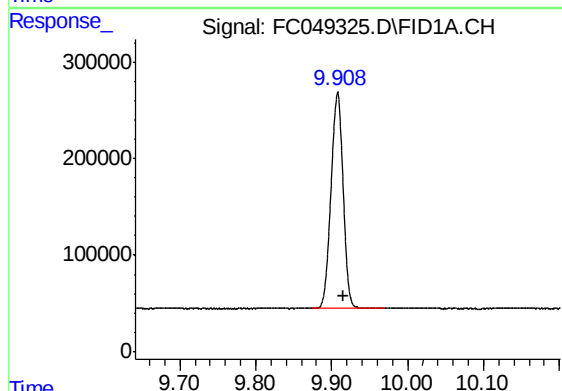
R.T.: 7.138 min
Delta R.T.: -0.009 min
Response: 2876137
Conc: 23.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



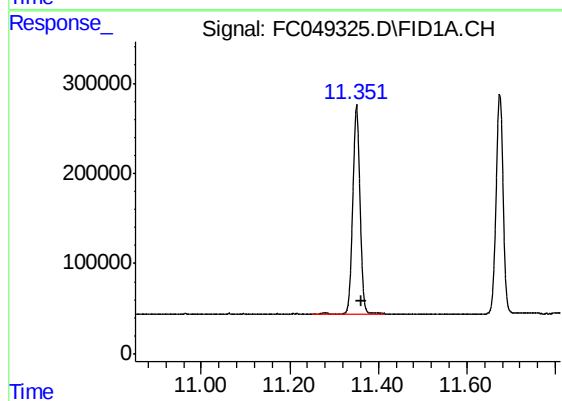
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.009 min
Response: 2553057
Conc: 24.24 ug/ml



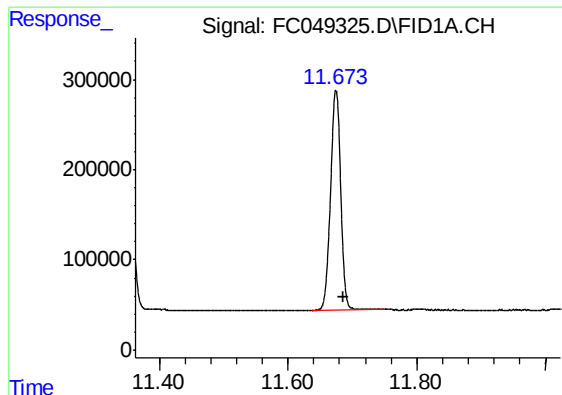
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.008 min
Response: 2495852
Conc: 23.78 ug/ml



#8 n-Octadecane (C18)

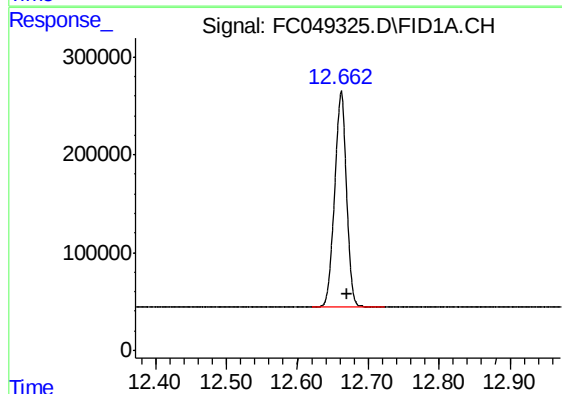
R.T.: 11.351 min
Delta R.T.: -0.010 min
Response: 2585657
Conc: 23.54 ug/ml



#9 ortho-Terphenyl (SURR)

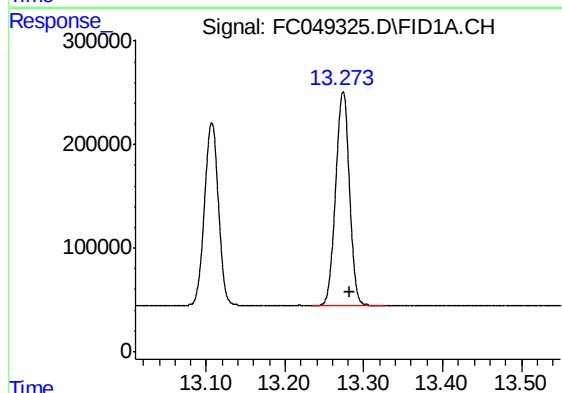
R.T.: 11.675 min
Delta R.T.: -0.011 min
Response: 2668000
Conc: 22.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



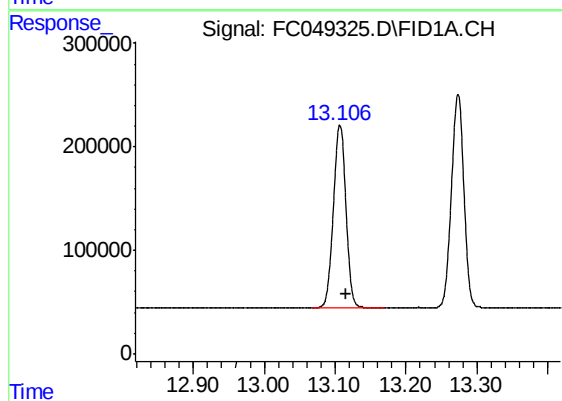
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.008 min
Response: 2548826
Conc: 22.90 ug/ml



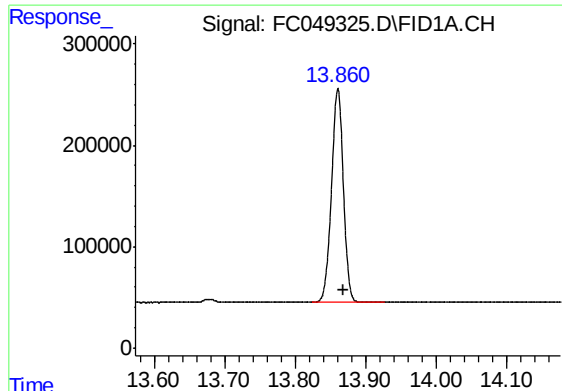
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.008 min
Response: 2507981
Conc: 22.45 ug/ml



#12 1-chlorooctadecane (SURR)

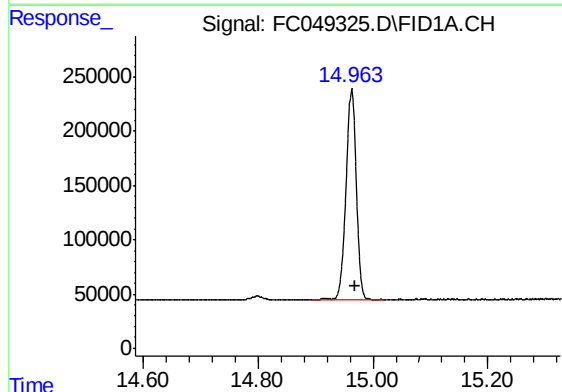
R.T.: 13.107 min
Delta R.T.: -0.008 min
Response: 2166243
Conc: 22.27 ug/ml



#13 n-Docosane (C22)

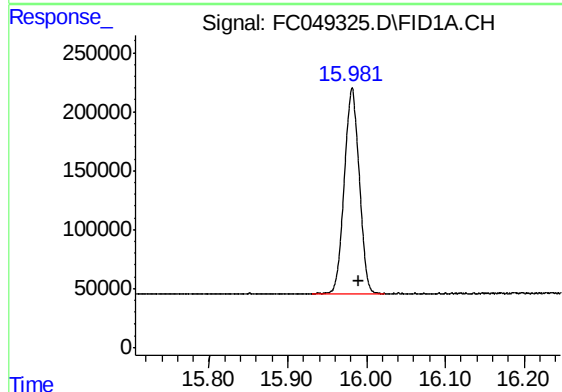
R.T.: 13.860 min
Delta R.T.: -0.007 min
Response: 2473283
Conc: 22.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



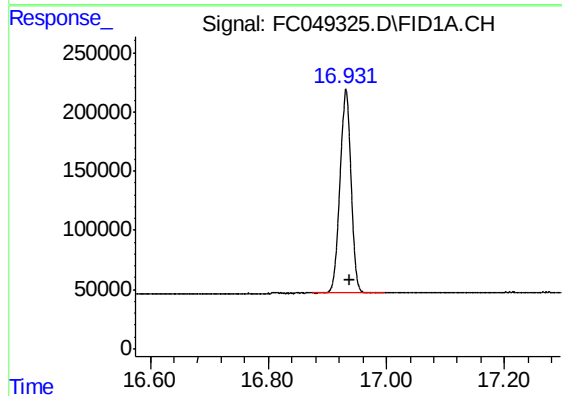
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.007 min
Response: 2394755
Conc: 21.06 ug/ml



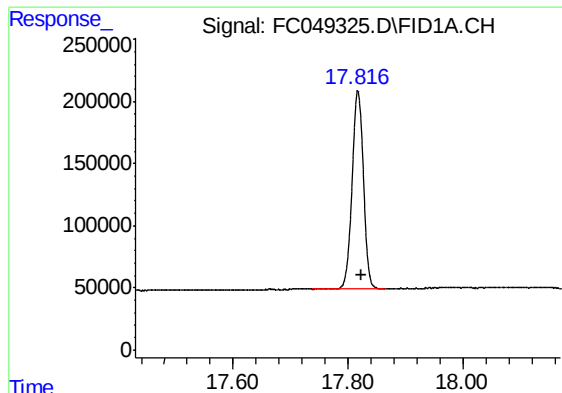
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: -0.009 min
Response: 2286731
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

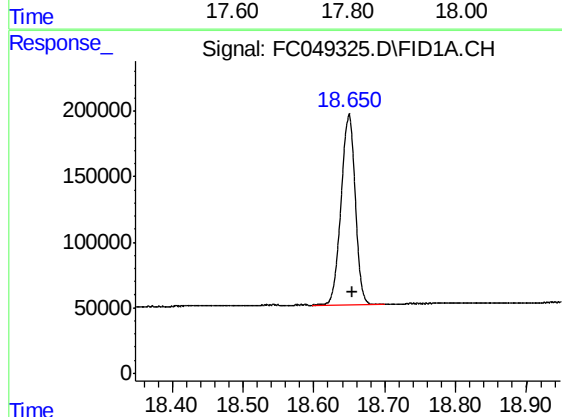
R.T.: 16.931 min
Delta R.T.: -0.006 min
Response: 2235792
Conc: 19.22 ug/ml



#17 n-Tricontane (C30)

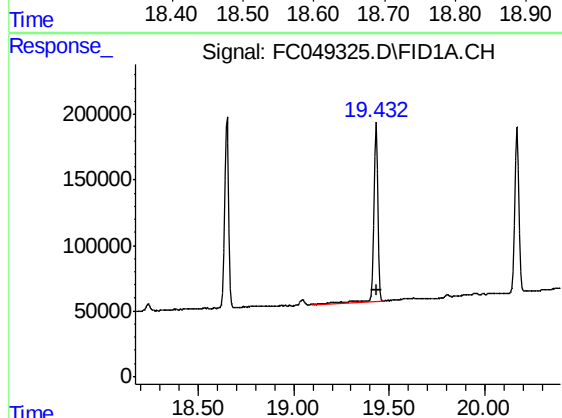
R.T.: 17.817 min
Delta R.T.: -0.005 min
Response: 2168605
Conc: 18.76 ug/ml

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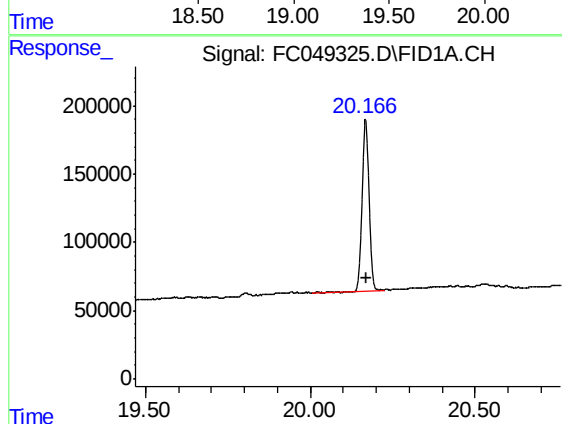
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: -0.004 min
Response: 2015915
Conc: 18.64 ug/ml



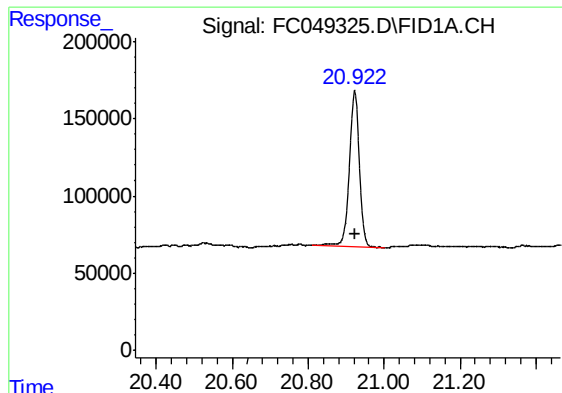
#19 n-Tetatriacontane (C34)

R.T.: 19.431 min
Delta R.T.: -0.003 min
Response: 2027795
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

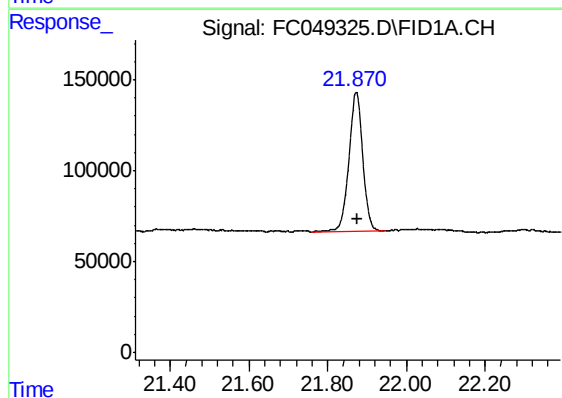
R.T.: 20.168 min
Delta R.T.: -0.004 min
Response: 1835184
Conc: 18.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.923 min
Delta R.T.: -0.001 min
Response: 1875190
Conc: 19.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: -0.005 min
Response: 1860339
Conc: 19.49 ug/ml