

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022420AL\
 Data File : FC045933.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2020 22:16
 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: Feb 25 00:43:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.761	2515995	22.055 ug/ml
Spiked Amount 50.000		Recovery =	44.11%
12) S 1-chlorooctadecane (S...	13.179	1966142	21.917 ug/ml
Spiked Amount 50.000		Recovery =	43.83%
Target Compounds			
1) T n-Nonane (C9)	3.532	2221489	22.038 ug/ml
2) T n-Decane (C10)	4.602	2244347	22.252 ug/ml
3) T A~Naphthalene (C11.7)	6.202	2467215	22.220 ug/ml
4) T n-Dodecane (C12)	6.614	2279066	22.339 ug/ml
5) T A~2-methylnaphthalene...	7.254	2496312	22.442 ug/ml
6) T n-Tetradecane (C14)	8.401	2281576	22.288 ug/ml
7) T n-Hexadecane (C16)	9.994	2296642	22.182 ug/ml
8) T n-Octadecane (C18)	11.430	2317375	22.044 ug/ml
10) T n-Eicosane (C20)	12.735	2321493	21.961 ug/ml
11) T n-Heneicosane (C21)	13.344	2337406	21.915 ug/ml
13) T n-Docosane (C22)	13.927	2326522	21.895 ug/ml
14) T n-Tetracosane (C24)	15.026	2334774	21.815 ug/ml
15) T n-Hexacosane (C26)	16.044	2308191	21.717 ug/ml
16) T n-Octacosane (C28)	16.988	2262164	21.607 ug/ml
17) T n-Tricontane (C30)	17.873	2167635	21.510 ug/ml
18) T n-Dotriacontane (C32)	18.701	1828313	21.363 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1544082	21.275 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1421482	21.019 ug/ml
21) T n-Octatriacontane (C38)	20.979	1273387	21.068 ug/ml
22) T n-Tetracontane (C40)	21.944	1333492	21.210 ug/ml

(f)=RT Delta > 1/2 Window

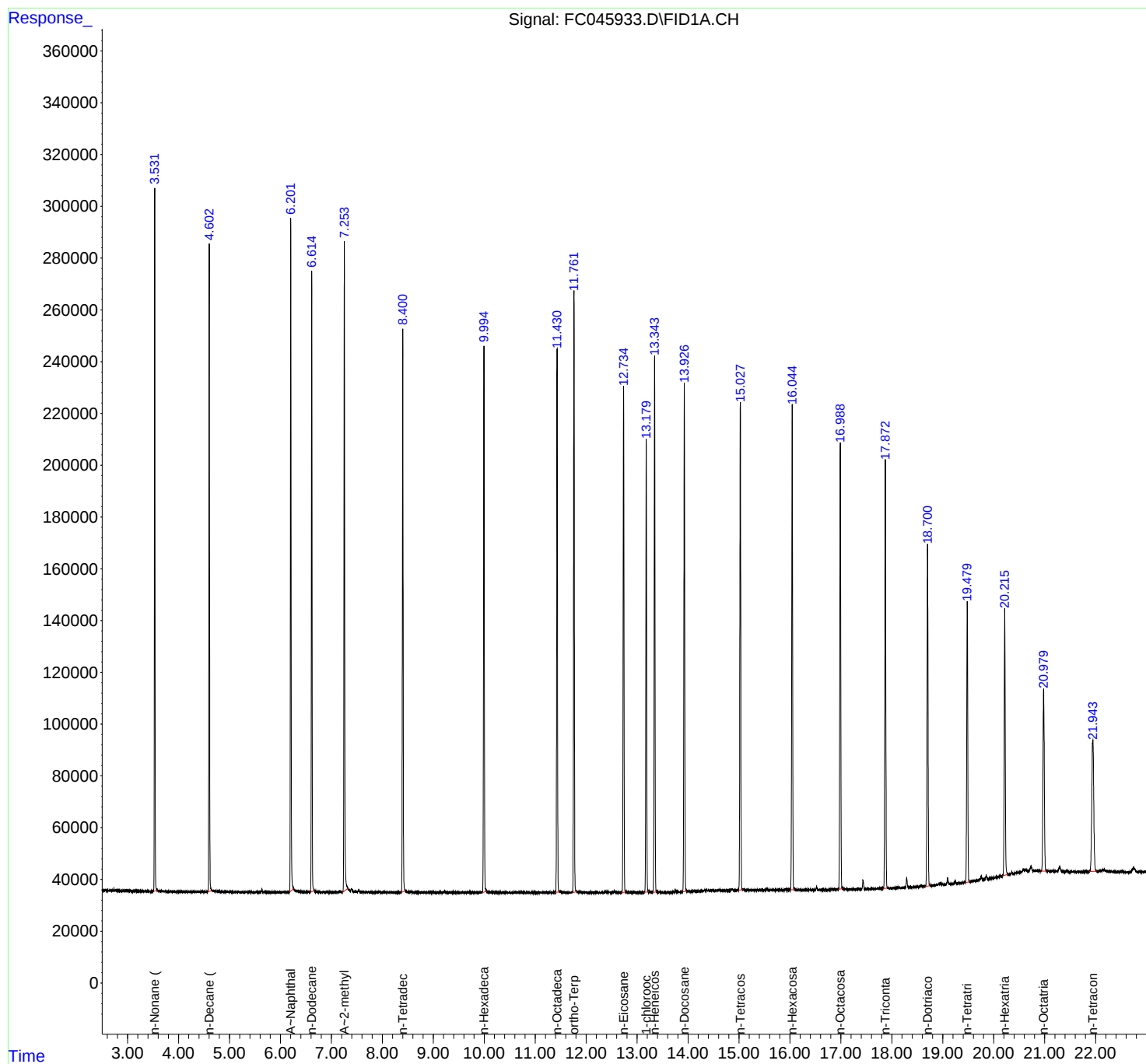
(m)=manual int.

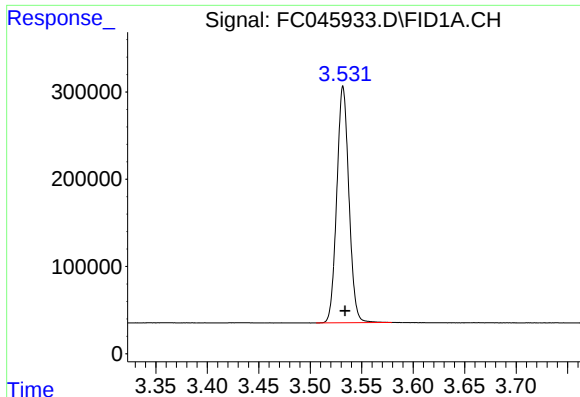
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022420AL\
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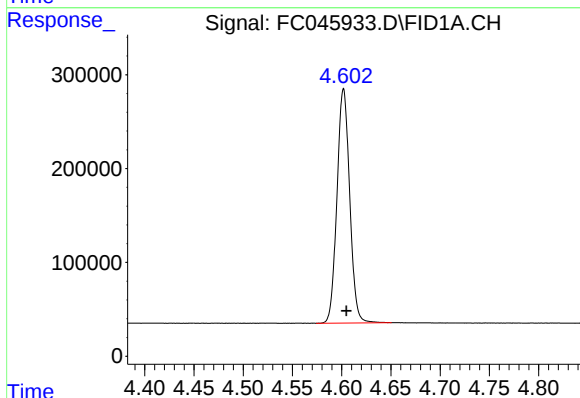




#1 n-Nonane (C9)

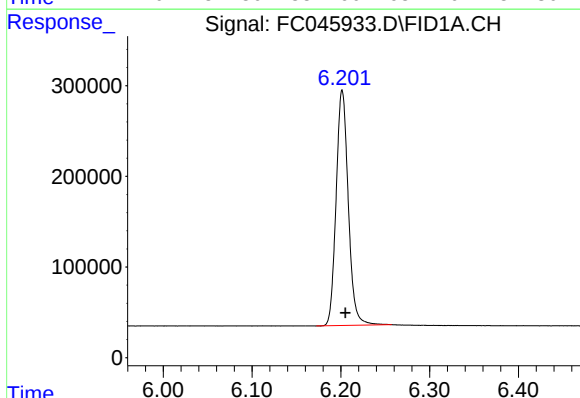
R.T.: 3.532 min
Delta R.T.: -0.002 min
Response: 2221489
Conc: 22.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



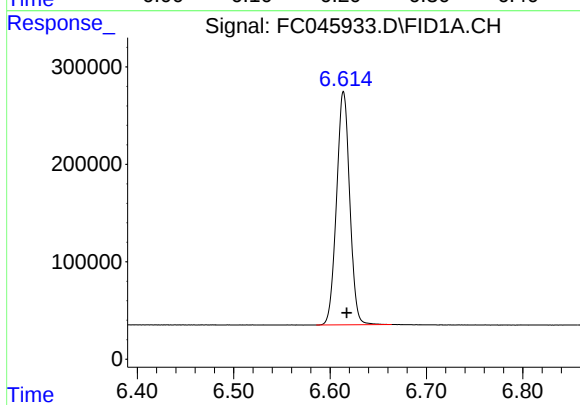
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 2244347
Conc: 22.25 ug/ml



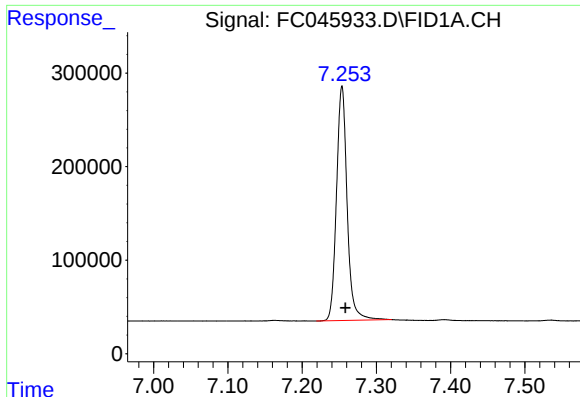
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.003 min
Response: 2467215
Conc: 22.22 ug/ml



#4 n-Dodecane (C12)

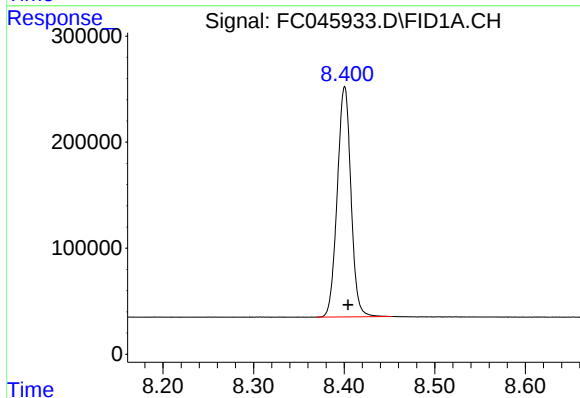
R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 2279066
Conc: 22.34 ug/ml



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

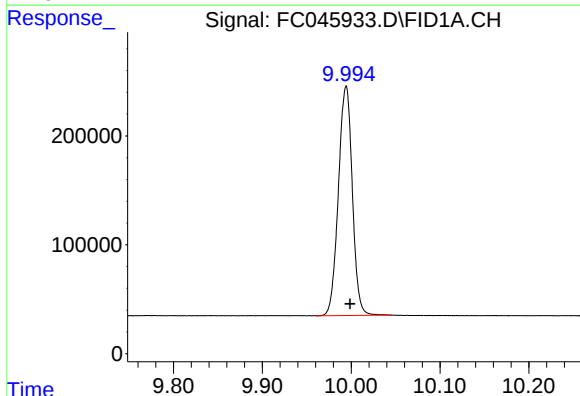
R.T.: 7.254 min
Delta R.T.: -0.005 min
Response: 2496312
Conc: 22.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



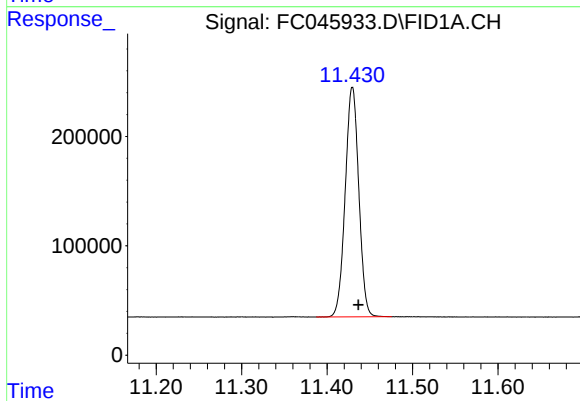
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 2281576
Conc: 22.29 ug/ml



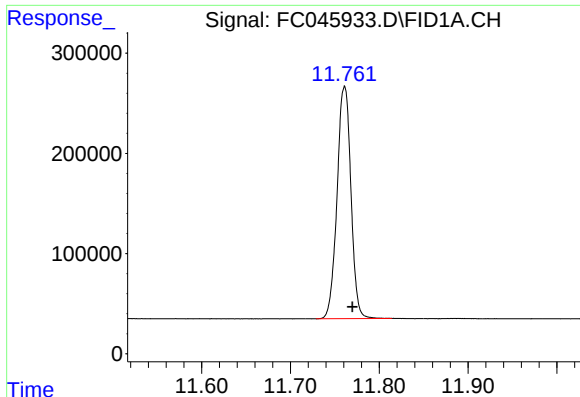
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.005 min
Response: 2296642
Conc: 22.18 ug/ml



#8 n-Octadecane (C18)

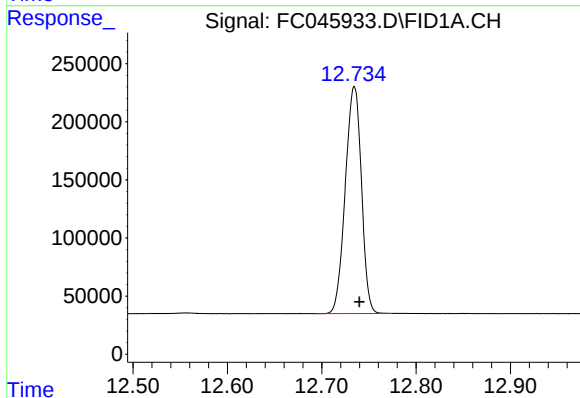
R.T.: 11.430 min
Delta R.T.: -0.007 min
Response: 2317375
Conc: 22.04 ug/ml



#9 ortho-Terphenyl (SURR)

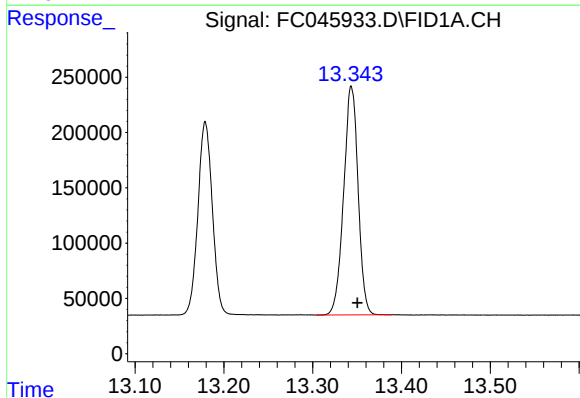
R.T.: 11.761 min
Delta R.T.: -0.009 min
Response: 2515995
Conc: 22.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



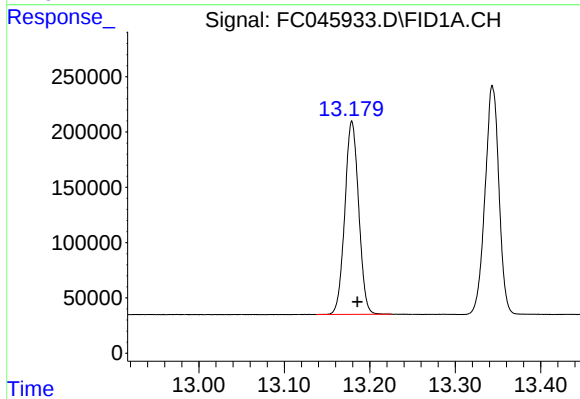
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.005 min
Response: 2321493
Conc: 21.96 ug/ml



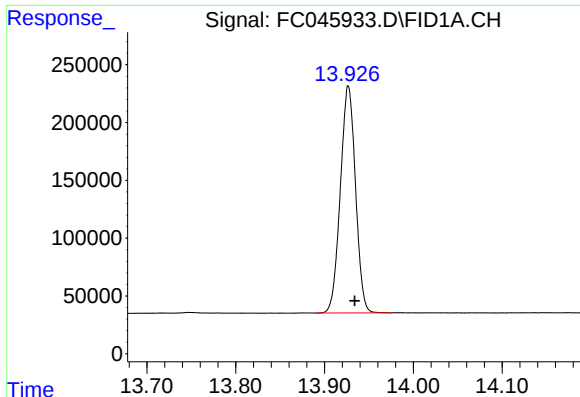
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.007 min
Response: 2337406
Conc: 21.91 ug/ml



#12 1-chlorooctadecane (SURR)

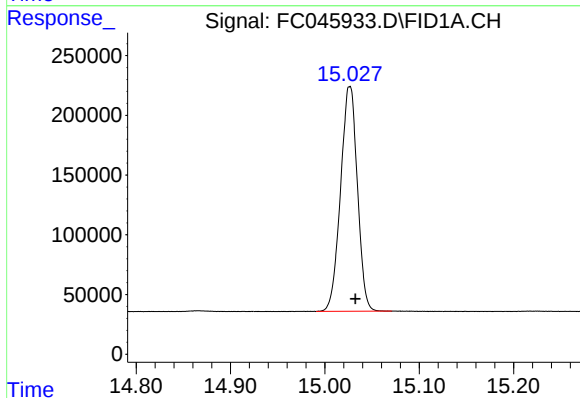
R.T.: 13.179 min
Delta R.T.: -0.006 min
Response: 1966142
Conc: 21.92 ug/ml



#13 n-Docosane (C22)

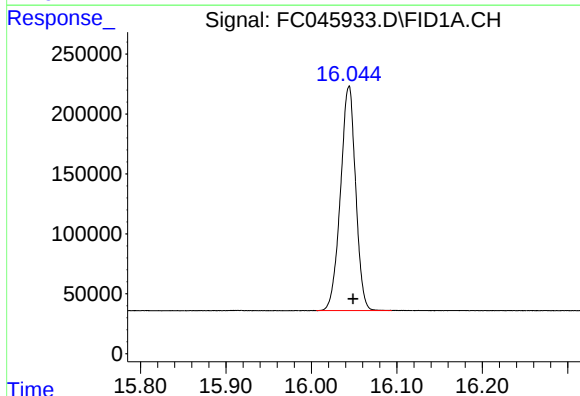
R.T.: 13.927 min
Delta R.T.: -0.007 min
Response: 2326522
Conc: 21.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



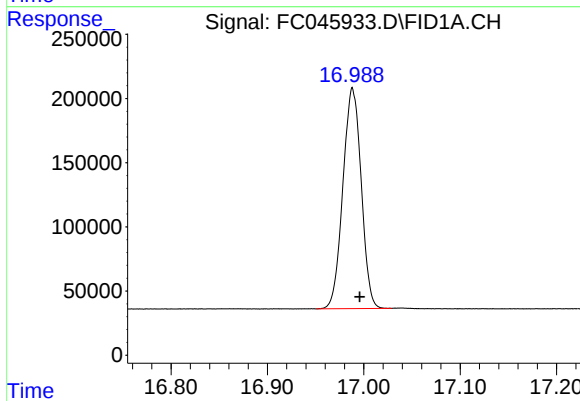
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: -0.006 min
Response: 2334774
Conc: 21.81 ug/ml



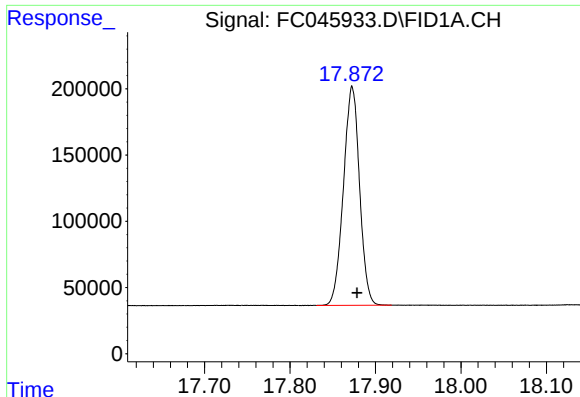
#15 n-Hexacosane (C26)

R.T.: 16.044 min
Delta R.T.: -0.005 min
Response: 2308191
Conc: 21.72 ug/ml



#16 n-Octacosane (C28)

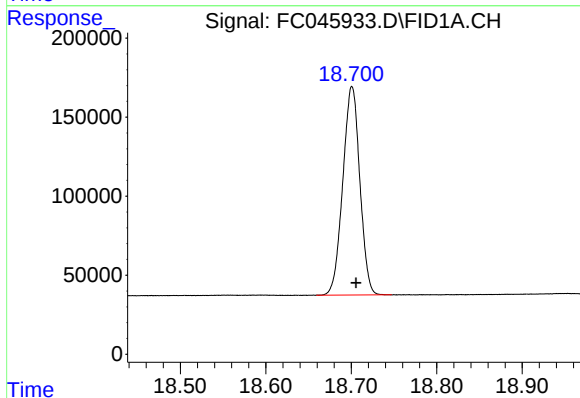
R.T.: 16.988 min
Delta R.T.: -0.007 min
Response: 2262164
Conc: 21.61 ug/ml



#17 n-Tricontane (C30)

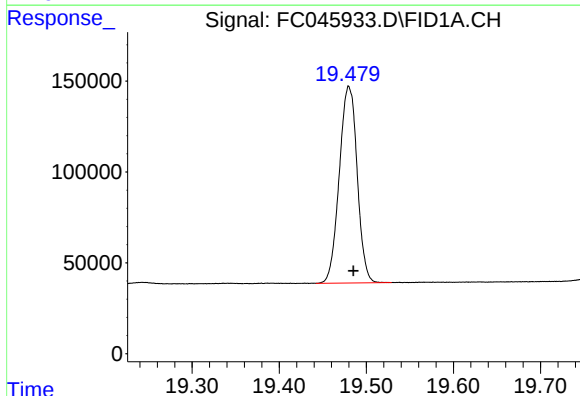
R.T.: 17.873 min
Delta R.T.: -0.005 min
Response: 2167635
Conc: 21.51 ug/ml

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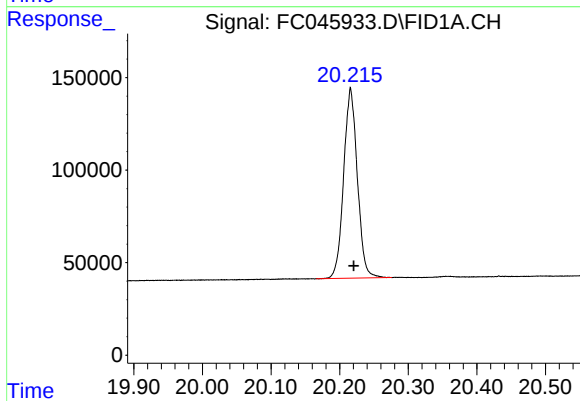
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.005 min
Response: 1828313
Conc: 21.36 ug/ml



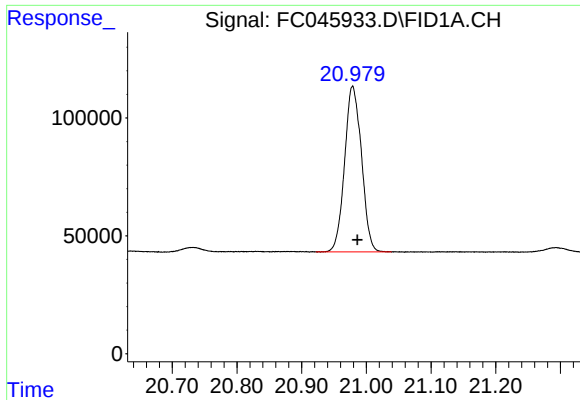
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.005 min
Response: 1544082
Conc: 21.27 ug/ml



#20 n-Hexatriacontane (C36)

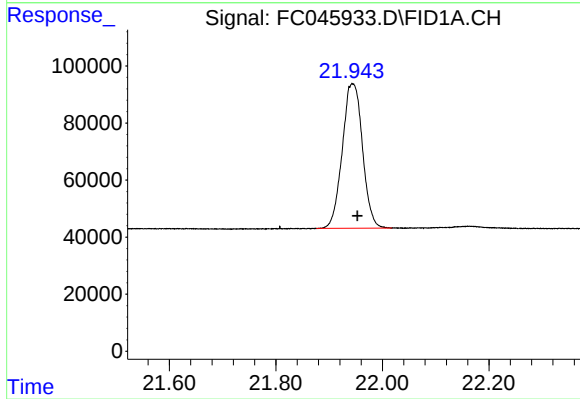
R.T.: 20.216 min
Delta R.T.: -0.005 min
Response: 1421482
Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.979 min
Delta R.T.: -0.007 min
Response: 1273387
Conc: 21.07 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: -0.009 min
Response: 1333492
Conc: 21.21 ug/ml