

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012320AL\
 Data File : FD032109.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jan 2020 10:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 24 02:50:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 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)	11.535	2604009	18.850 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	12.965	1984382	18.217 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.333	2477999	21.083 ug/ml
2) T n-Decane (C10)	4.396	2503935	21.254 ug/ml
3) T A~Naphthalene (C11.7)	5.974	2800129	21.165 ug/ml
4) T n-Dodecane (C12)	6.405	2528996	21.249 ug/ml
5) T A~2-methylnaphthalene...	7.026	2805976	20.934 ug/ml
6) T n-Tetradecane (C14)	8.192	2516847	20.737 ug/ml
7) T n-Hexadecane (C16)	9.785	2491864	20.105 ug/ml
8) T n-Octadecane (C18)	11.220	2450573	19.406 ug/ml
10) T n-Eicosane (C20)	12.522	2386392	18.702 ug/ml
11) T n-Heneicosane (C21)	13.131	2363962	18.352 ug/ml
13) T n-Docosane (C22)	13.715	2319676	18.031 ug/ml
14) T n-Tetracosane (C24)	14.813	2269905	17.480 ug/ml
15) T n-Hexacosane (C26)	15.829	2264331	17.568 ug/ml
16) T n-Octacosane (C28)	16.775	2235858	17.541 ug/ml
17) T n-Tricontane (C30)	17.658	2144207	17.491 ug/ml
18) T n-Dotriacontane (C32)	18.486	1830308	17.484 ug/ml
19) T n-Tetratriacontane (C34)	19.264	1555634	17.591 ug/ml
20) T n-Hexatriacontane (C36)	20.000	1414446	17.947 ug/ml
21) T n-Octatriacontane (C38)	20.716	1328105	18.011 ug/ml
22) T n-Tetracontane (C40)	21.584	1356723	17.926 ug/ml

(f)=RT Delta > 1/2 Window

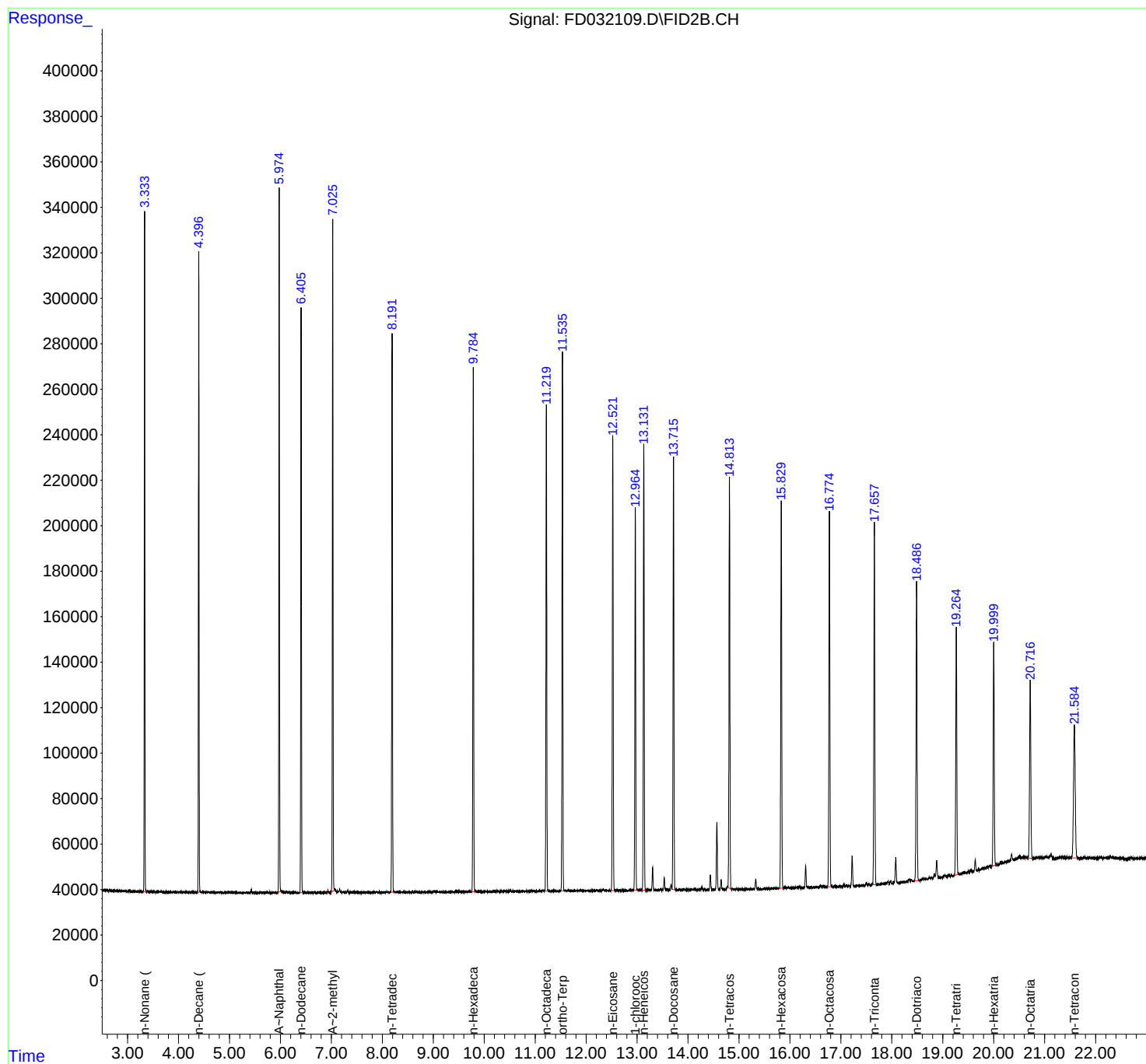
(m)=manual int.

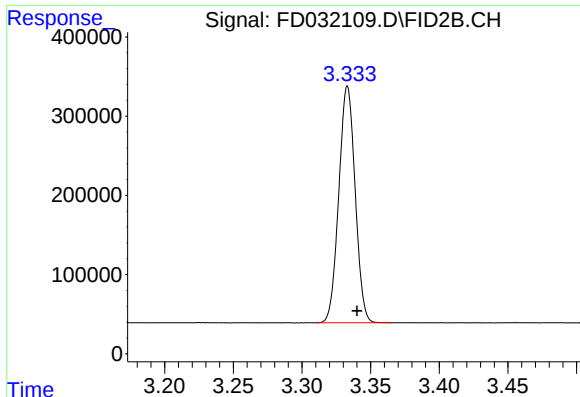
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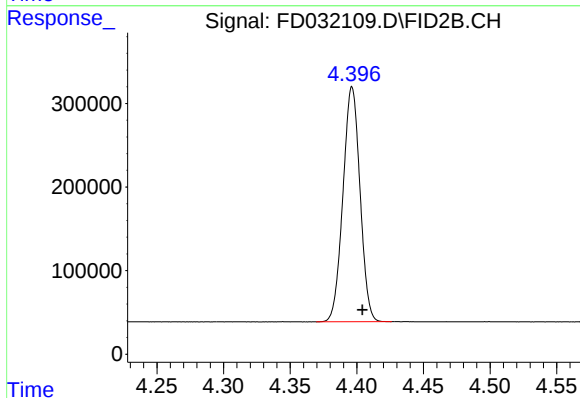




#1 n-Nonane (C9)

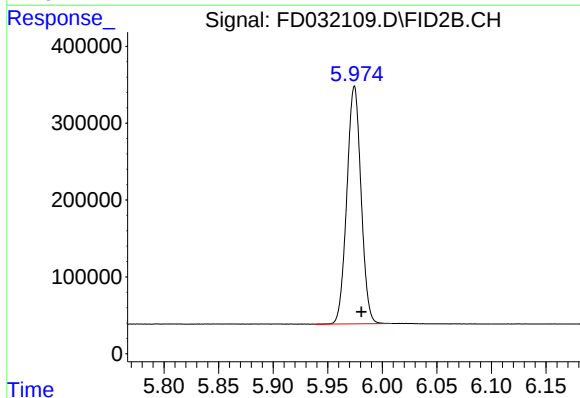
R.T.: 3.333 min
Delta R.T.: -0.007 min
Response: 2477999
Conc: 21.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



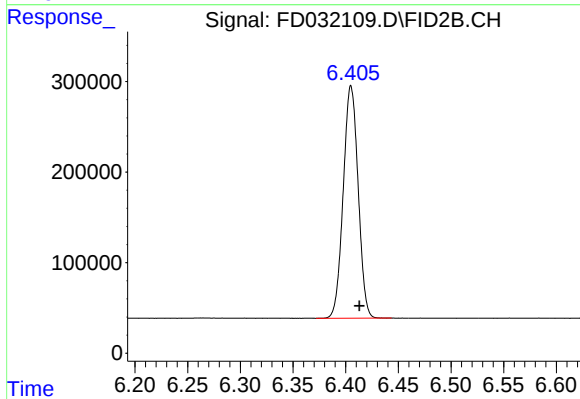
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: -0.008 min
Response: 2503935
Conc: 21.25 ug/ml



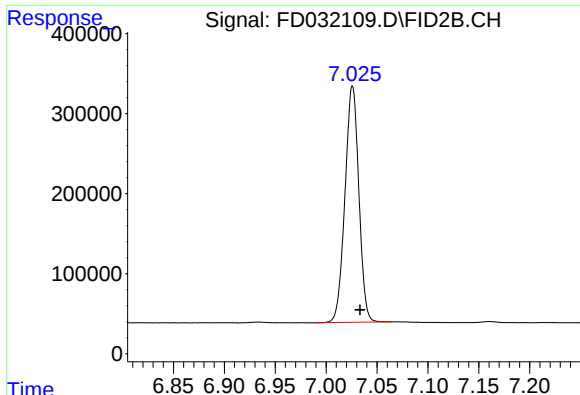
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 2800129
Conc: 21.17 ug/ml



#4 n-Dodecane (C12)

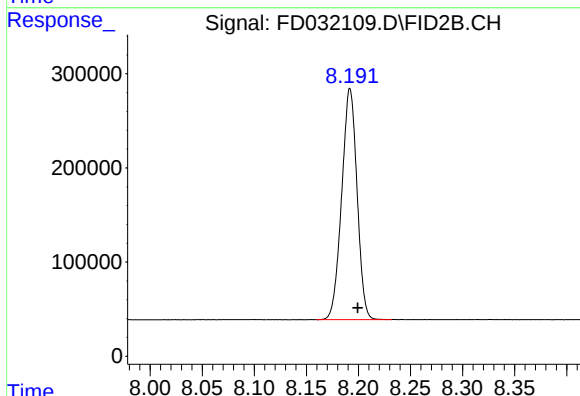
R.T.: 6.405 min
Delta R.T.: -0.008 min
Response: 2528996
Conc: 21.25 ug/ml



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

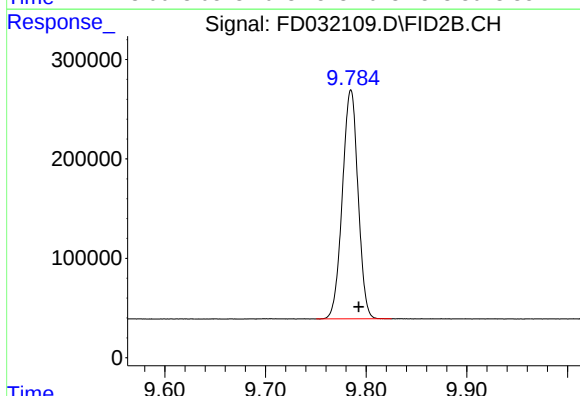
R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 2805976
Conc: 20.93 ug/ml

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20 PPM ALIPHATIC HC STD



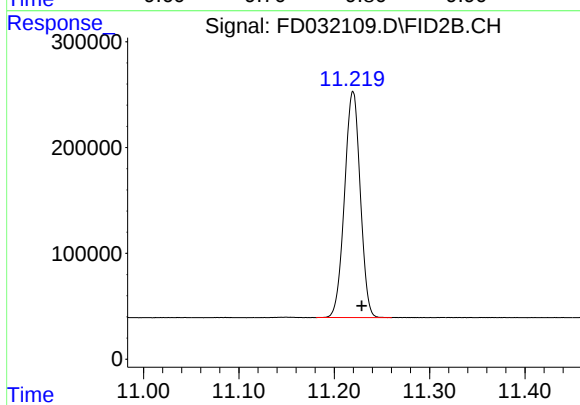
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.007 min
Response: 2516847
Conc: 20.74 ug/ml



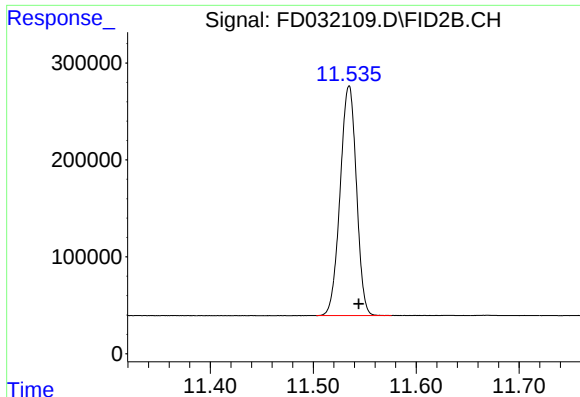
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.008 min
Response: 2491864
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

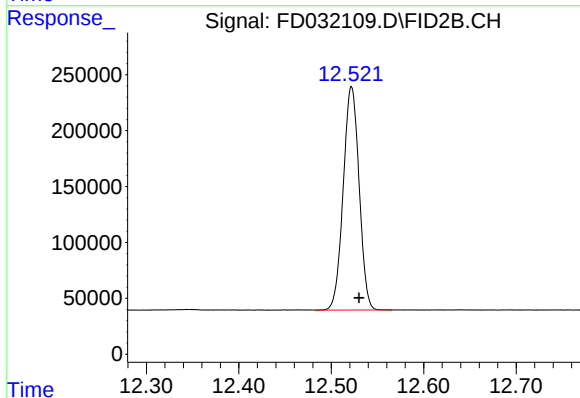
R.T.: 11.220 min
Delta R.T.: -0.009 min
Response: 2450573
Conc: 19.41 ug/ml



#9 ortho-Terphenyl (SURR)

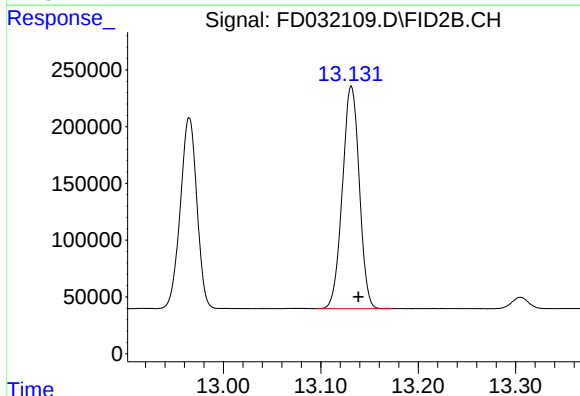
R.T.: 11.535 min
Delta R.T.: -0.009 min
Response: 2604009
Conc: 18.85 ug/ml

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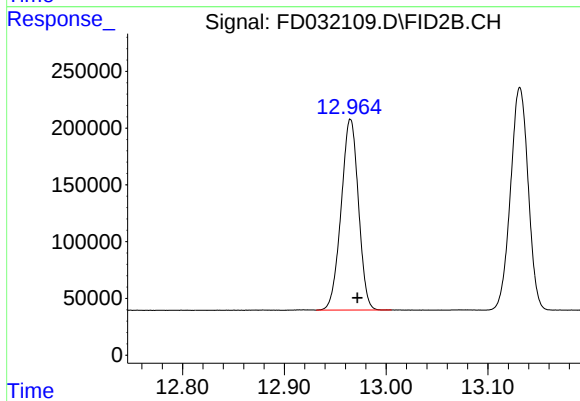
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.008 min
Response: 2386392
Conc: 18.70 ug/ml



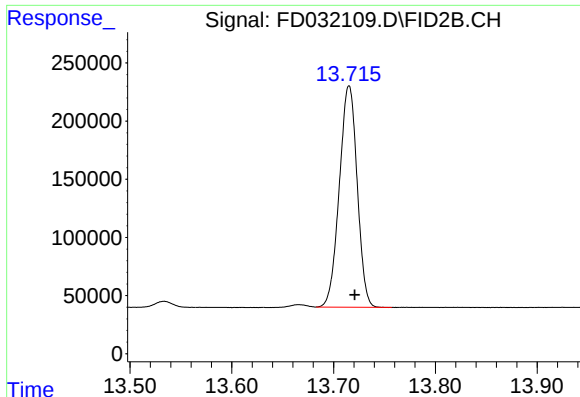
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.007 min
Response: 2363962
Conc: 18.35 ug/ml



#12 1-chlorooctadecane (SURR)

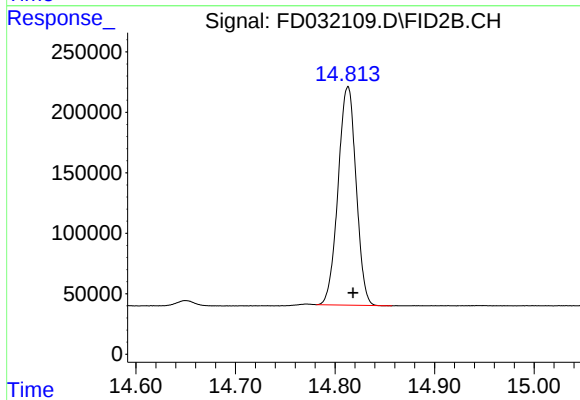
R.T.: 12.965 min
Delta R.T.: -0.007 min
Response: 1984382
Conc: 18.22 ug/ml



#13 n-Docosane (C22)

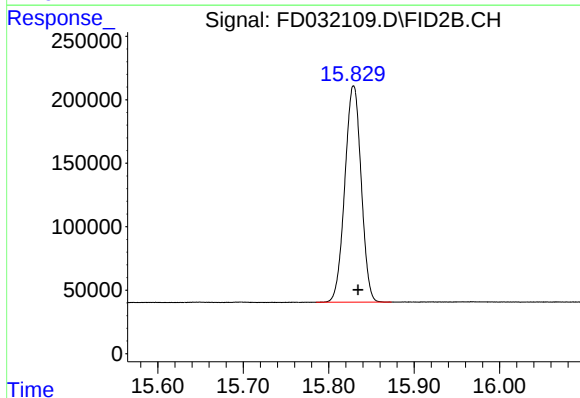
R.T.: 13.715 min
Delta R.T.: -0.006 min
Response: 2319676
Conc: 18.03 ug/ml

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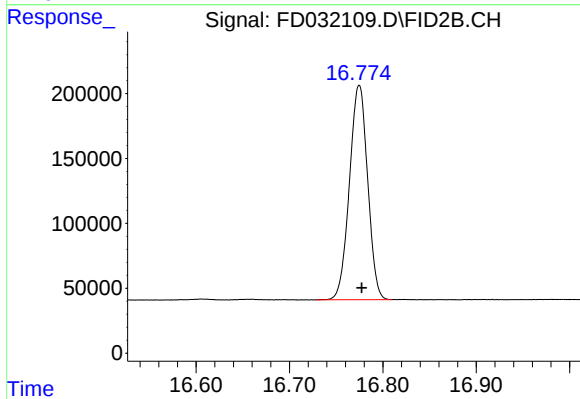
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.005 min
Response: 2269905
Conc: 17.48 ug/ml



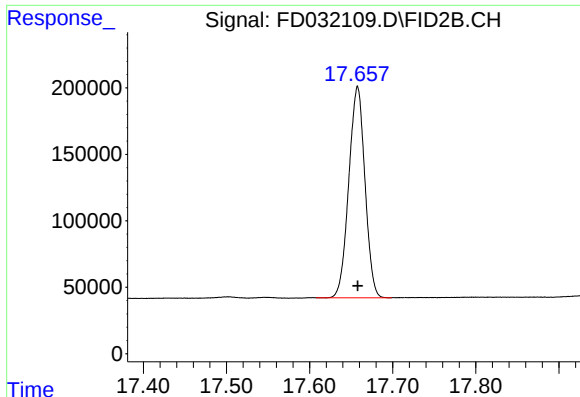
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.005 min
Response: 2264331
Conc: 17.57 ug/ml



#16 n-Octacosane (C28)

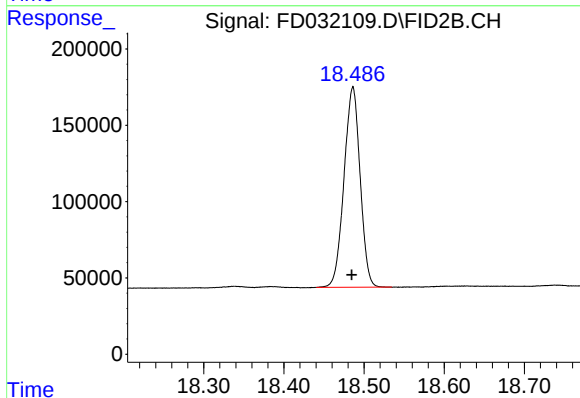
R.T.: 16.775 min
Delta R.T.: -0.003 min
Response: 2235858
Conc: 17.54 ug/ml



#17 n-Tricontane (C30)

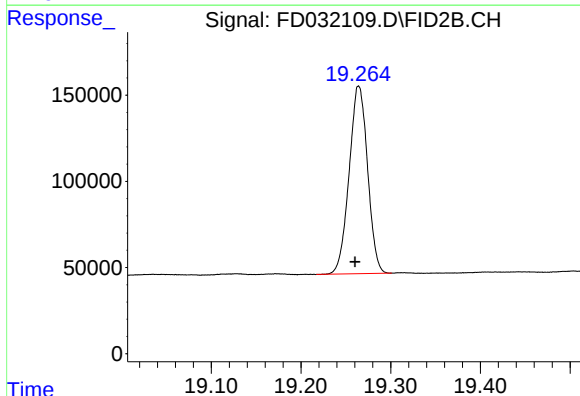
R.T.: 17.658 min
Delta R.T.: 0.000 min
Response: 2144207
Conc: 17.49 ug/ml

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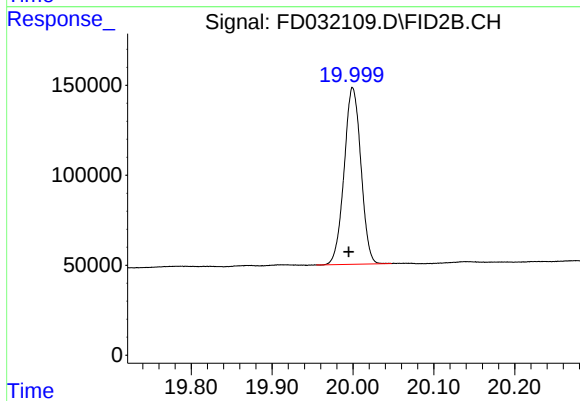
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.002 min
Response: 1830308
Conc: 17.48 ug/ml



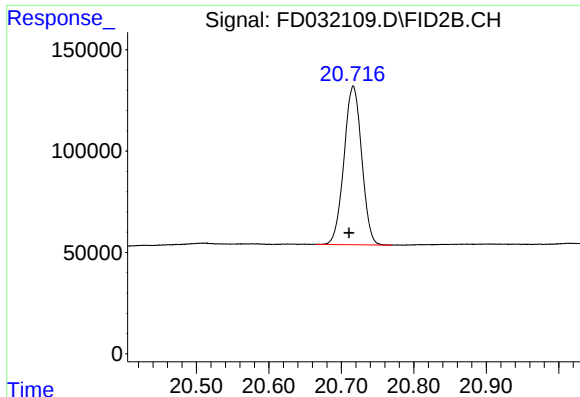
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.004 min
Response: 1555634
Conc: 17.59 ug/ml



#20 n-Hexatriacontane (C36)

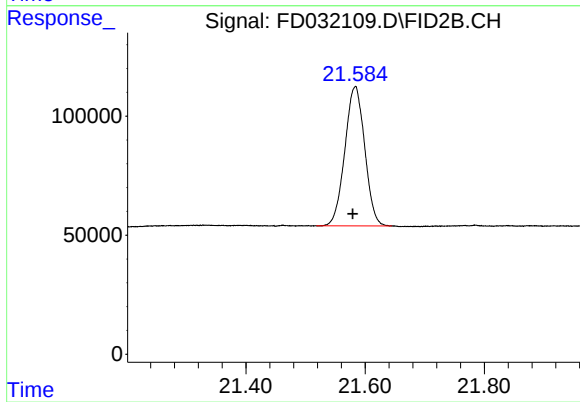
R.T.: 20.000 min
Delta R.T.: 0.005 min
Response: 1414446
Conc: 17.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.006 min
Response: 1328105
Conc: 18.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.584 min
Delta R.T.: 0.005 min
Response: 1356723
Conc: 17.93 ug/ml