

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021919AL\
 Data File : FD027822.D
 Signal(s) : FID2B.CH
 Acq On : 19 Feb 2019 14:08
 Operator : AJ\SJ
 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: Feb 20 02:22:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 08:23:12 2019
 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)	11.224	2366985	20.604 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
12) S 1-chlorooctadecane (S...	12.667	1782066	20.875 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.066	1663203	20.283 ug/ml
2) T n-Decane (C10)	4.122	1702318	20.678 ug/ml
3) T A~Naphthalene (C11.7)	5.676	1936081	20.785 ug/ml
4) T n-Dodecane (C12)	6.128	1739240	21.166 ug/ml
5) T A~2-methylnaphthalene...	6.725	1969221	21.099 ug/ml
6) T n-Tetradecane (C14)	7.909	1809417	21.531 ug/ml
7) T n-Hexadecane (C16)	9.498	1873143	22.073 ug/ml
8) T n-Octadecane (C18)	10.929	1840497	21.128 ug/mlm
10) T n-Eicosane (C20)	12.230	1857519	21.631 ug/ml
11) T n-Heneicosane (C21)	12.837	1793540	21.284 ug/mlm
13) T n-Docosane (C22)	13.420	1777440	21.047 ug/ml
14) T n-Tetracosane (C24)	14.515	1790852	21.137 ug/ml
15) T n-Hexacosane (C26)	15.527	1747204	20.683 ug/ml
16) T n-Octacosane (C28)	16.470	1732638	20.354 ug/ml
17) T n-Tricontane (C30)	17.350	1711660	20.319 ug/ml
18) T n-Dotriacontane (C32)	18.177	1701583	20.625 ug/ml
19) T n-Tetratriacontane (C34)	18.954	1746697	24.094 ug/mlm
20) T n-Hexatriacontane (C36)	19.687	1323288	20.884 ug/mlm
21) T n-Octatriacontane (C38)	20.384	1438690	24.208 ug/mlm
22) T n-Tetracontane (C40)	21.153	1235642	21.572 ug/mlm

(f)=RT Delta > 1/2 Window

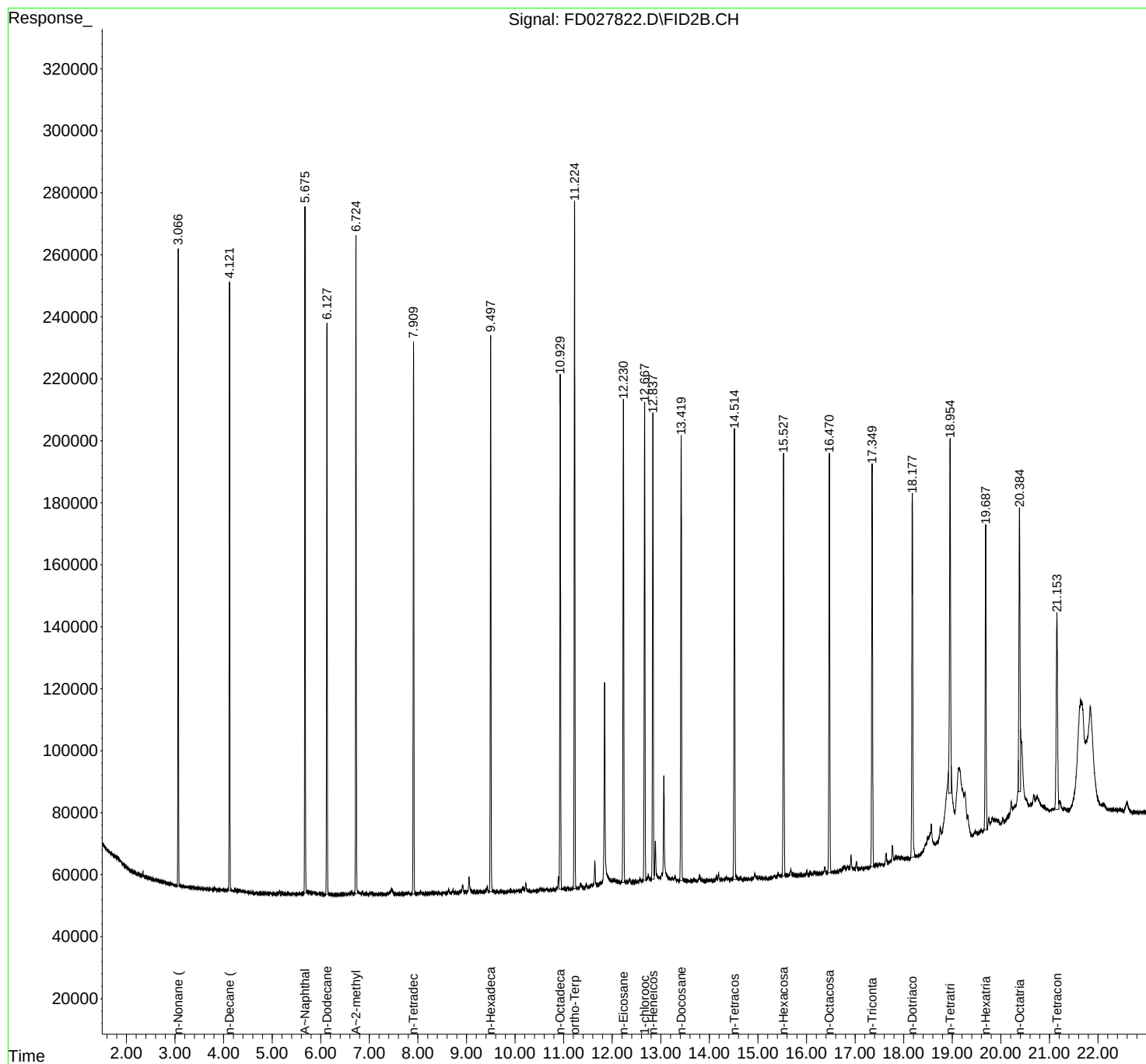
(m)=manual int.

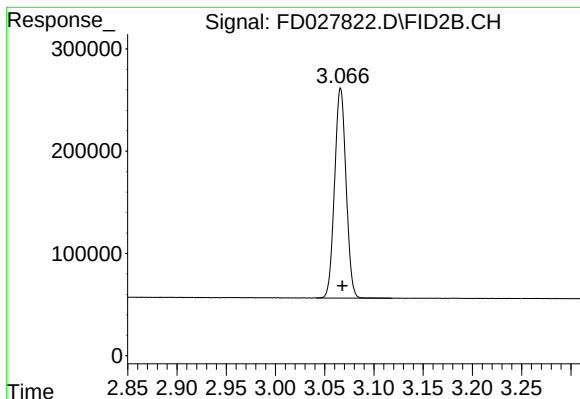
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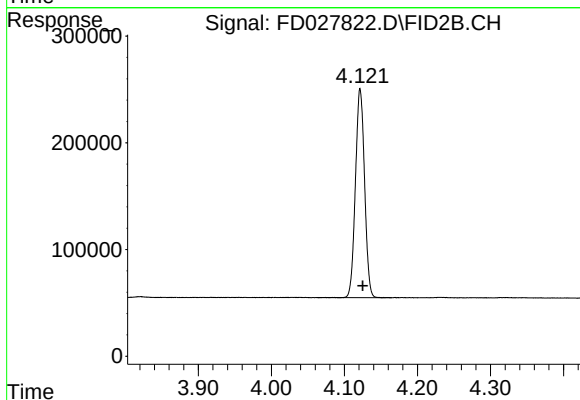




#1 n-Nonane (C9)

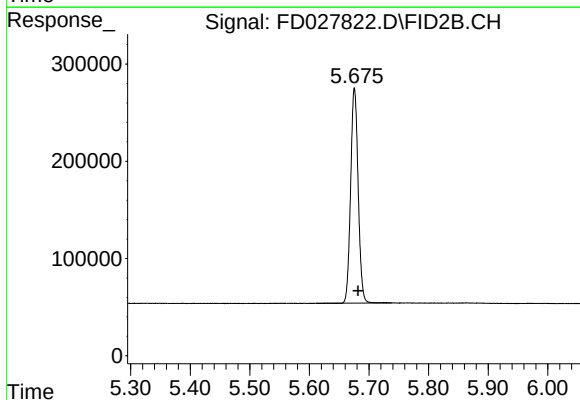
R.T.: 3.066 min
Delta R.T.: -0.002 min
Response: 1663203
Conc: 20.28 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



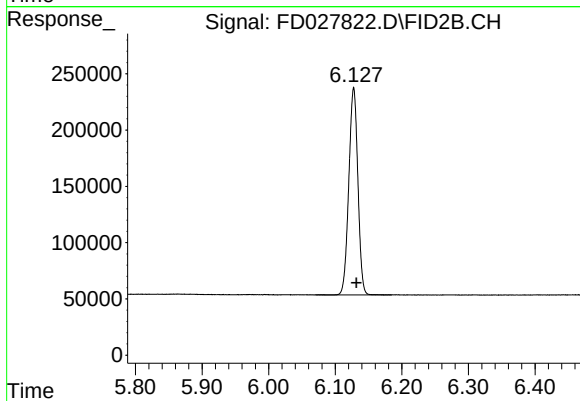
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.003 min
Response: 1702318
Conc: 20.68 ug/ml



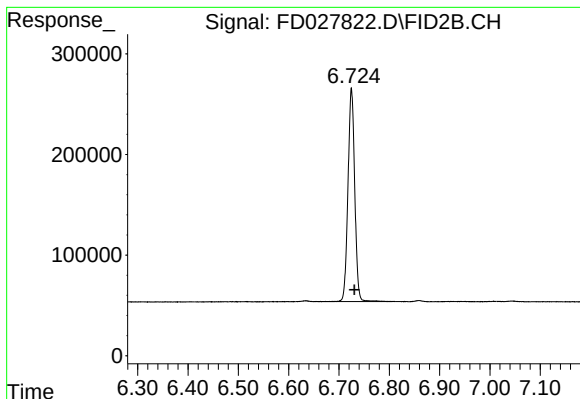
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.006 min
Response: 1936081
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

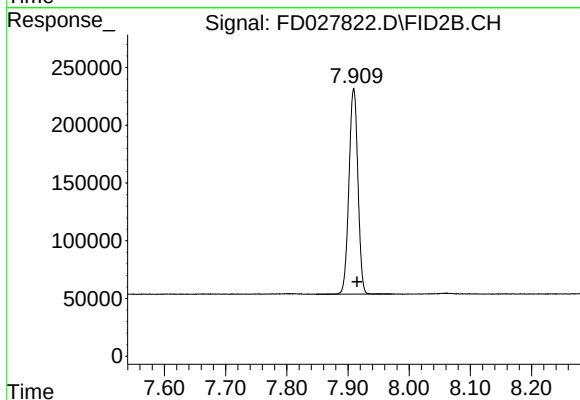
R.T.: 6.128 min
Delta R.T.: -0.004 min
Response: 1739240
Conc: 21.17 ug/ml



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

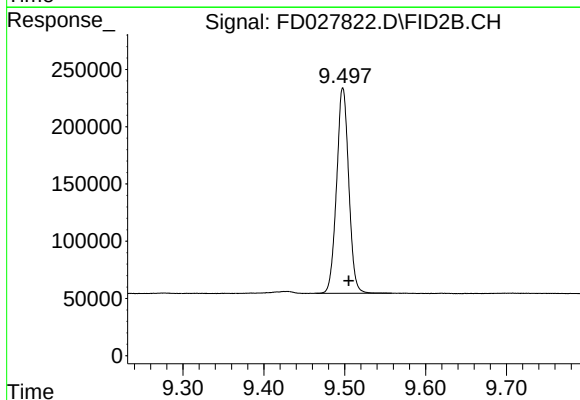
R.T.: 6.725 min
Delta R.T.: -0.006 min
Response: 1969221
Conc: 21.10 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



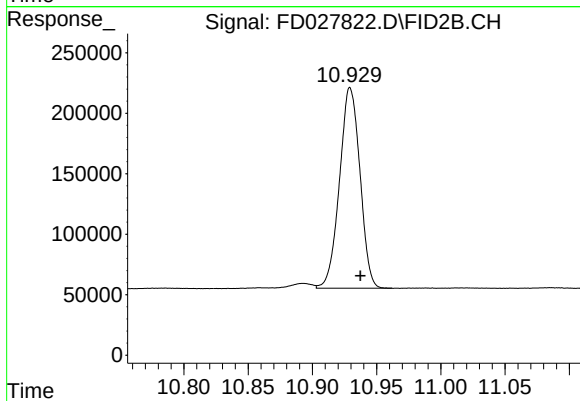
#6 n-Tetradecane (C14)

R.T.: 7.909 min
Delta R.T.: -0.005 min
Response: 1809417
Conc: 21.53 ug/ml



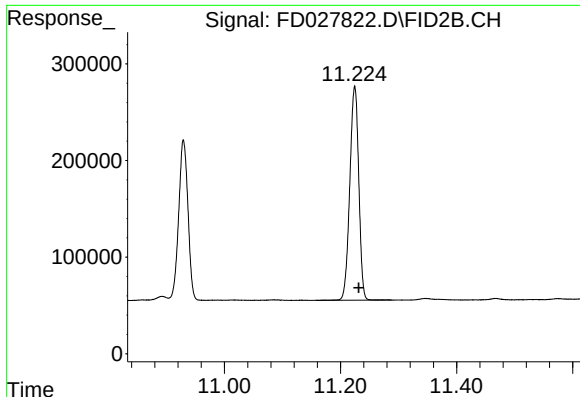
#7 n-Hexadecane (C16)

R.T.: 9.498 min
Delta R.T.: -0.007 min
Response: 1873143
Conc: 22.07 ug/ml



#8 n-Octadecane (C18)

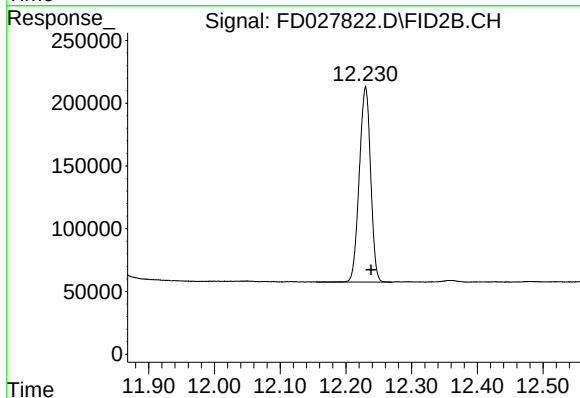
R.T.: 10.929 min
Delta R.T.: -0.009 min
Response: 1840497
Conc: 21.13 ug/ml m



#9 ortho-Terphenyl (SURR)

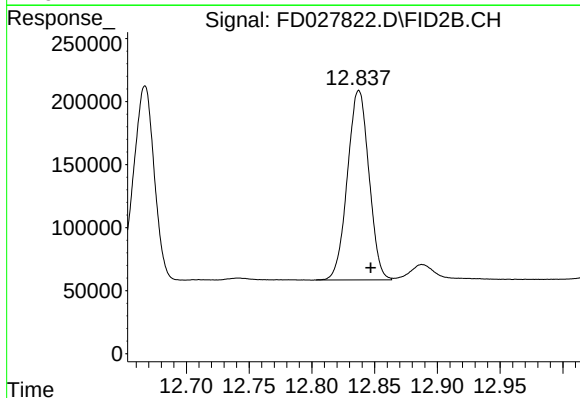
R.T.: 11.224 min
Delta R.T.: -0.007 min
Response: 2366985
Conc: 20.60 ug/ml

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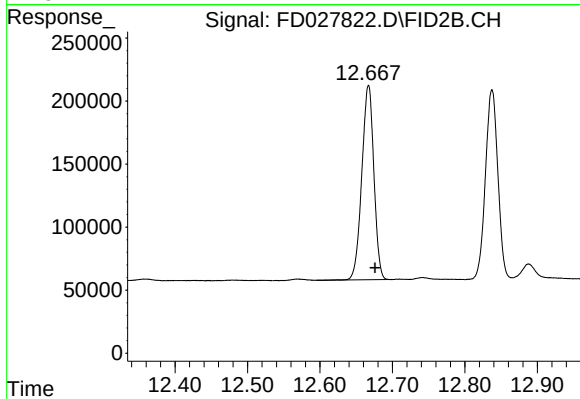
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.009 min
Response: 1857519
Conc: 21.63 ug/ml



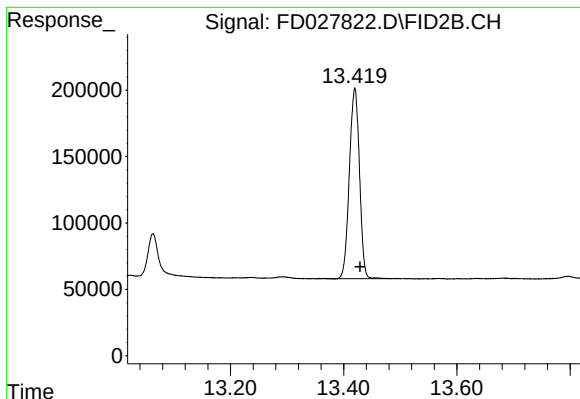
#11 n-Heneicosane (C21)

R.T.: 12.837 min
Delta R.T.: -0.010 min
Response: 1793540
Conc: 21.28 ug/ml m



#12 1-chlorooctadecane (SURR)

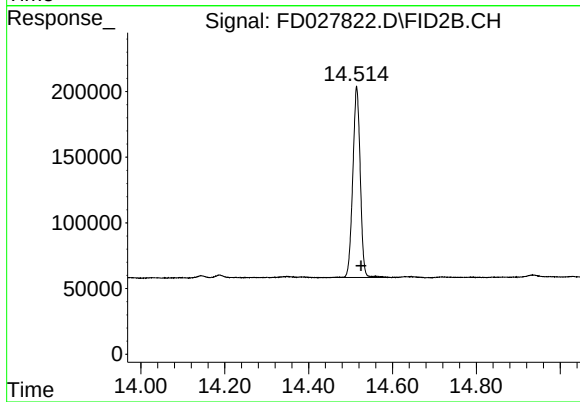
R.T.: 12.667 min
Delta R.T.: -0.009 min
Response: 1782066
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

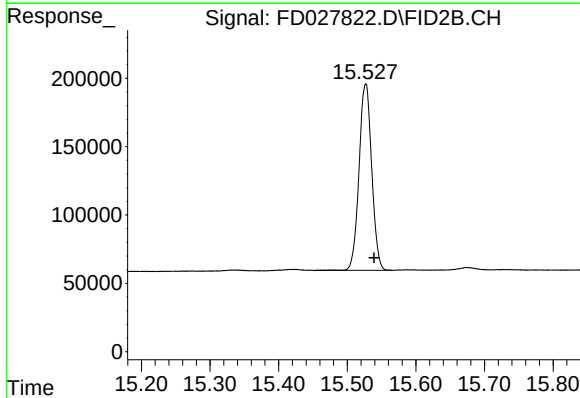
R.T.: 13.420 min
Delta R.T.: -0.010 min
Response: 1777440
Conc: 21.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



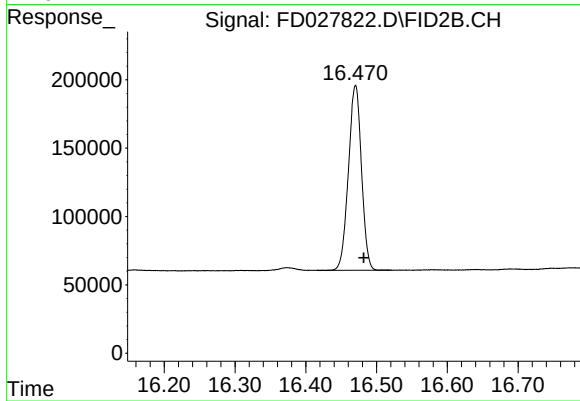
#14 n-Tetracosane (C24)

R.T.: 14.515 min
Delta R.T.: -0.010 min
Response: 1790852
Conc: 21.14 ug/ml



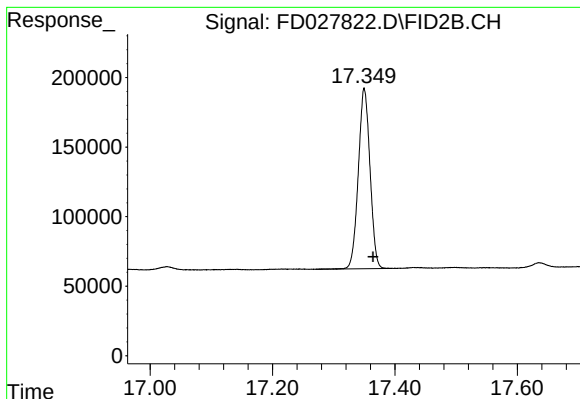
#15 n-Hexacosane (C26)

R.T.: 15.527 min
Delta R.T.: -0.013 min
Response: 1747204
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

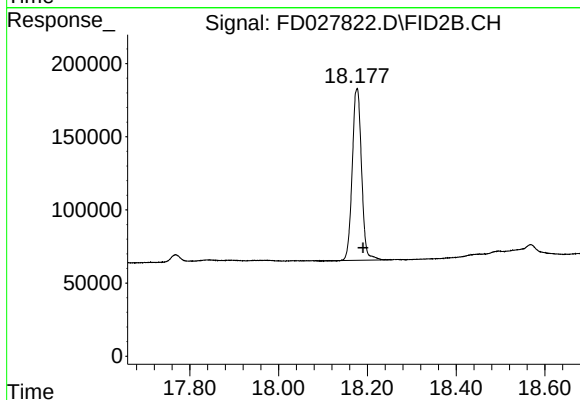
R.T.: 16.470 min
Delta R.T.: -0.012 min
Response: 1732638
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

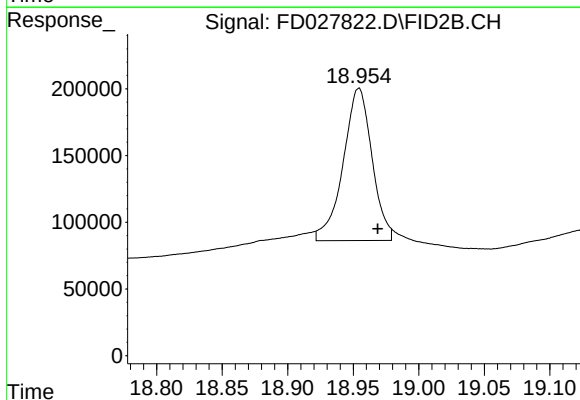
R.T.: 17.350 min
Delta R.T.: -0.014 min
Response: 1711660
Conc: 20.32 ug/ml

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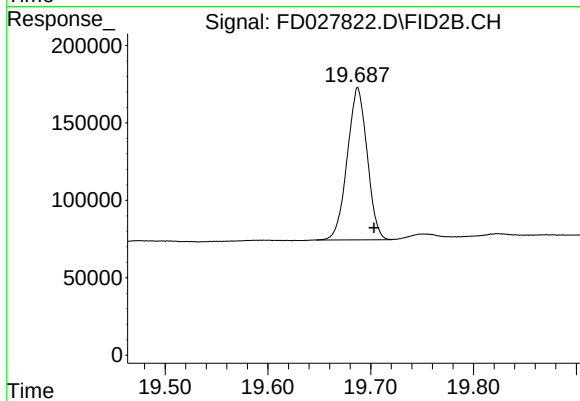
#18 n-Dotriacontane (C32)

R.T.: 18.177 min
Delta R.T.: -0.014 min
Response: 1701583
Conc: 20.62 ug/ml



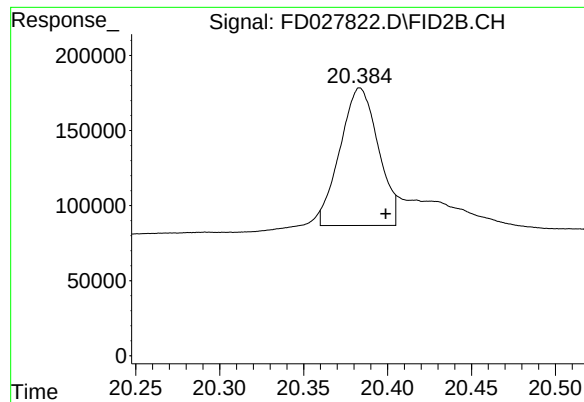
#19 n-Tetratriacontane (C34)

R.T.: 18.954 min
Delta R.T.: -0.014 min
Response: 1746697
Conc: 24.09 ug/ml m



#20 n-Hexatriacontane (C36)

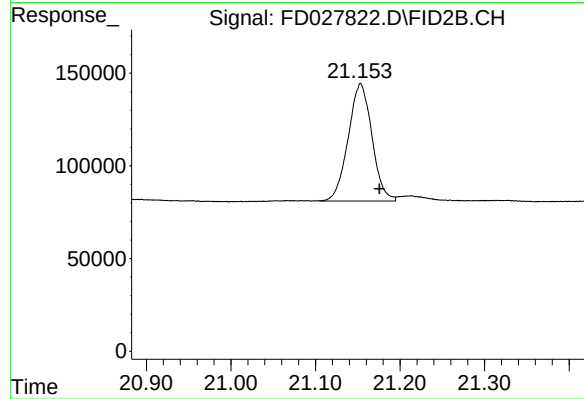
R.T.: 19.687 min
Delta R.T.: -0.016 min
Response: 1323288
Conc: 20.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.384 min
Delta R.T.: -0.015 min
Response: 1438690
Conc: 24.21 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.153 min
Delta R.T.: -0.023 min
Response: 1235642
Conc: 21.57 ug/ml m