

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030519AL\
 Data File : FD028140.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2019 13:35
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 06 14:15:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:32:11 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

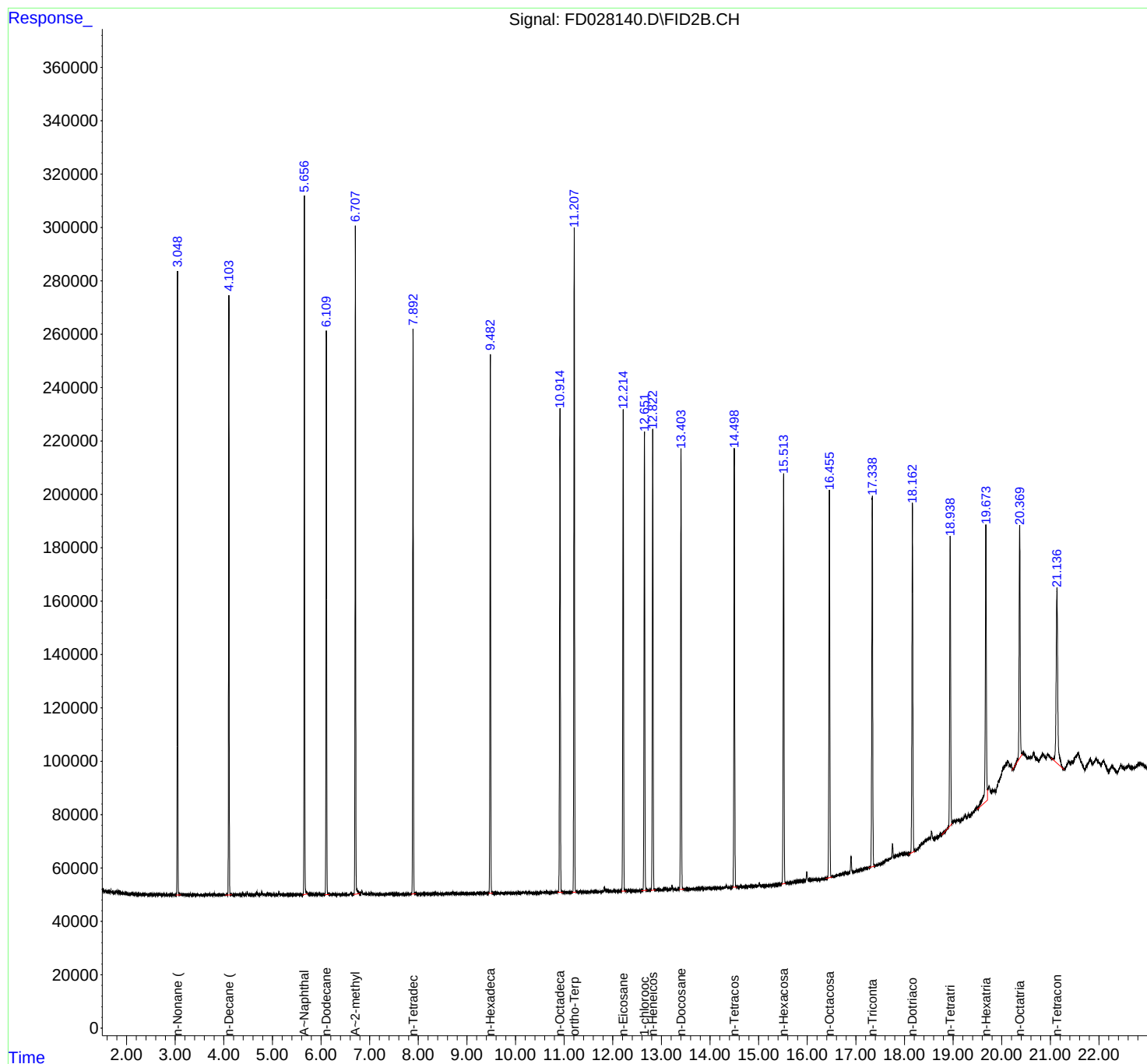
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.207	2718570	19.534 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	12.652	2027854	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
Target Compounds			
1) T n-Nonane (C9)	3.048	1901881	20.809 ug/ml
2) T n-Decane (C10)	4.104	1967955	21.105 ug/ml
3) T A~Naphthalene (C11.7)	5.657	2300348	21.819 ug/ml
4) T n-Dodecane (C12)	6.109	2034456	21.553 ug/ml
5) T A~2-methylnaphthalene...	6.707	2342120	21.860 ug/ml
6) T n-Tetradecane (C14)	7.892	2105472	21.557 ug/ml
7) T n-Hexadecane (C16)	9.482	2120906	20.925 ug/ml
8) T n-Octadecane (C18)	10.915	2104452	19.883 ug/ml
10) T n-Eicosane (C20)	12.214	2076856	19.272 ug/ml
11) T n-Heneicosane (C21)	12.822	2037792	19.167 ug/ml
13) T n-Docosane (C22)	13.404	2006600	18.797 ug/ml
14) T n-Tetracosane (C24)	14.499	1950358	18.532 ug/ml
15) T n-Hexacosane (C26)	15.513	1902116	18.627 ug/ml
16) T n-Octacosane (C28)	16.456	1888746	19.047 ug/ml
17) T n-Tricontane (C30)	17.337	1847932	19.569 ug/ml
18) T n-Dotriacontane (C32)	18.162	1749143	20.280 ug/ml
19) T n-Tetratriacontane (C34)	18.939	1540376	20.689 ug/ml
20) T n-Hexatriacontane (C36)	19.674	1618844	25.124 ug/ml
21) T n-Octatriacontane (C38)	20.369	1310430	21.755 ug/ml
22) T n-Tetracontane (C40)	21.135	1485323	25.092 ug/ml

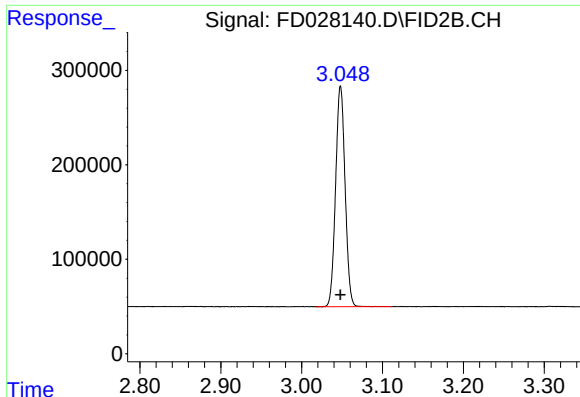
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

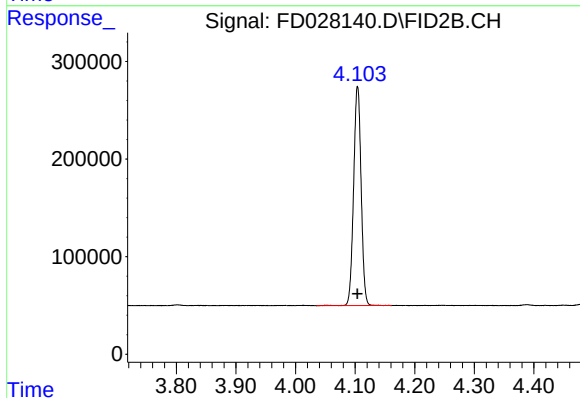




#1 n-Nonane (C9)

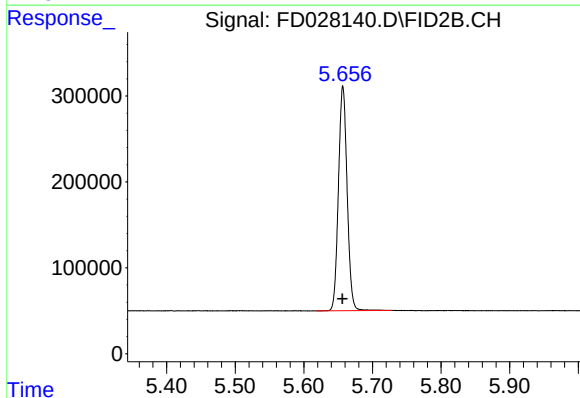
R.T.: 3.048 min
Delta R.T.: 0.000 min
Response: 1901881
Conc: 20.81 ug/ml

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20 PPM ALIPHATIC HC STD



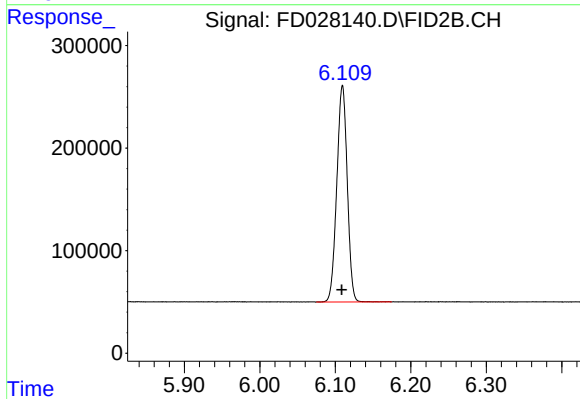
#2 n-Decane (C10)

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 1967955
Conc: 21.10 ug/ml



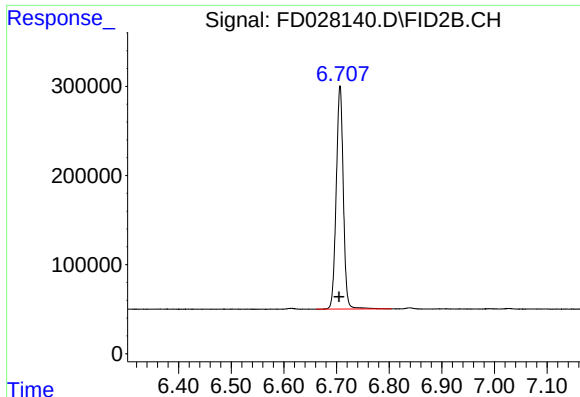
#3 A~Naphthalene (C11.7)

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 2300348
Conc: 21.82 ug/ml



#4 n-Dodecane (C12)

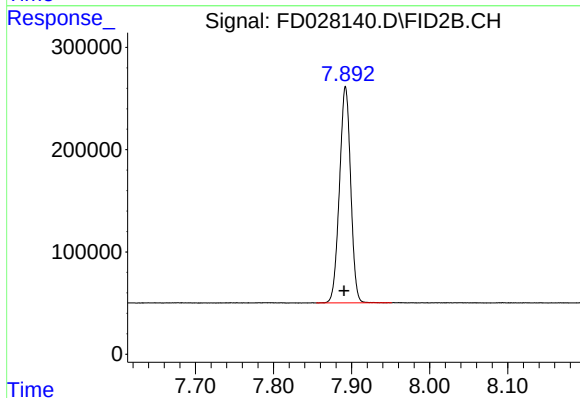
R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 2034456
Conc: 21.55 ug/ml



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

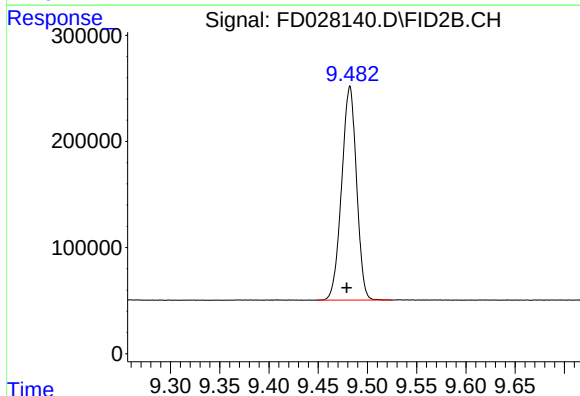
R.T.: 6.707 min
Delta R.T.: 0.002 min
Response: 2342120
Conc: 21.86 ug/ml

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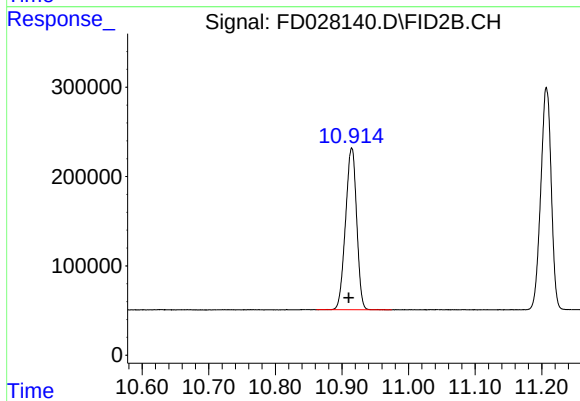
#6 n-Tetradecane (C14)

R.T.: 7.892 min
Delta R.T.: 0.002 min
Response: 2105472
Conc: 21.56 ug/ml



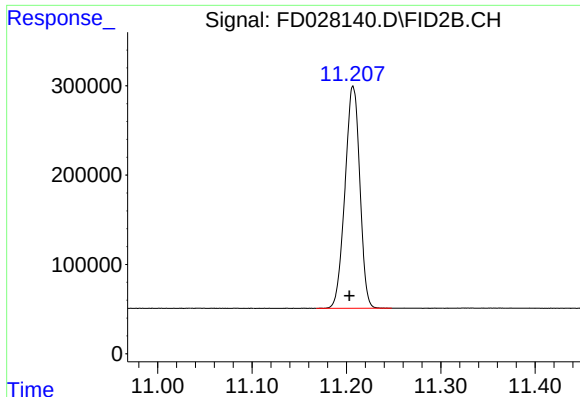
#7 n-Hexadecane (C16)

R.T.: 9.482 min
Delta R.T.: 0.003 min
Response: 2120906
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

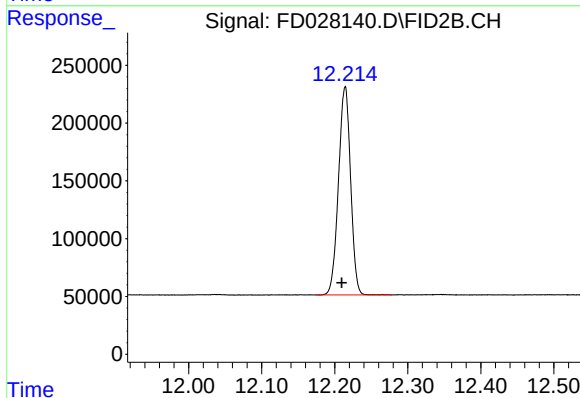
R.T.: 10.915 min
Delta R.T.: 0.004 min
Response: 2104452
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

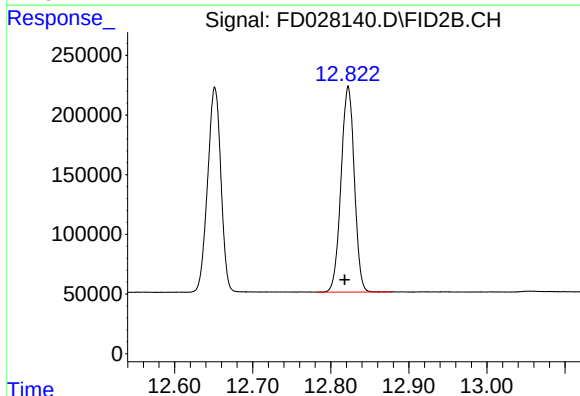
R.T.: 11.207 min
Delta R.T.: 0.004 min
Response: 2718570
Conc: 19.53 ug/ml

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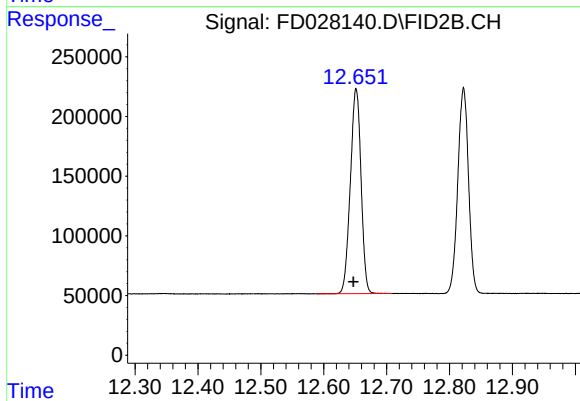
#10 n-Eicosane (C20)

R.T.: 12.214 min
Delta R.T.: 0.004 min
Response: 2076856
Conc: 19.27 ug/ml



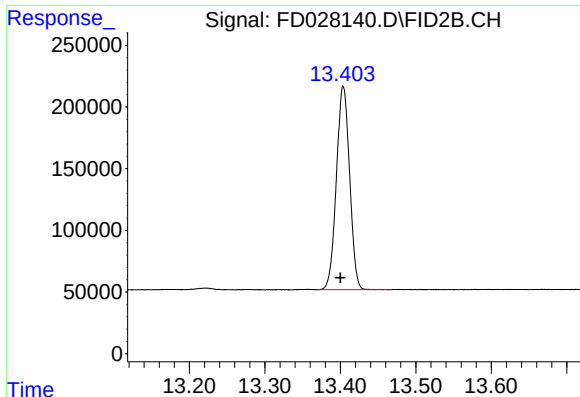
#11 n-Heneicosane (C21)

R.T.: 12.822 min
Delta R.T.: 0.004 min
Response: 2037792
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

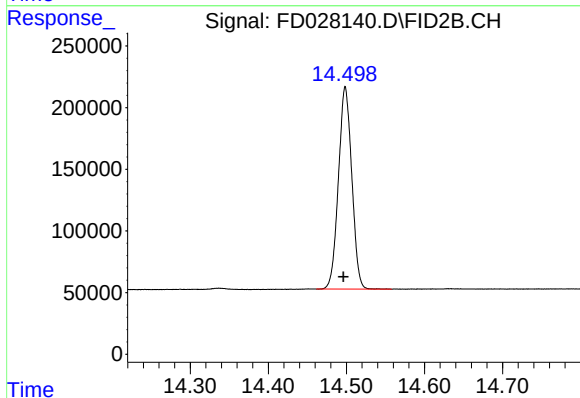
R.T.: 12.652 min
Delta R.T.: 0.005 min
Response: 2027854
Conc: 18.88 ug/ml



#13 n-Docosane (C22)

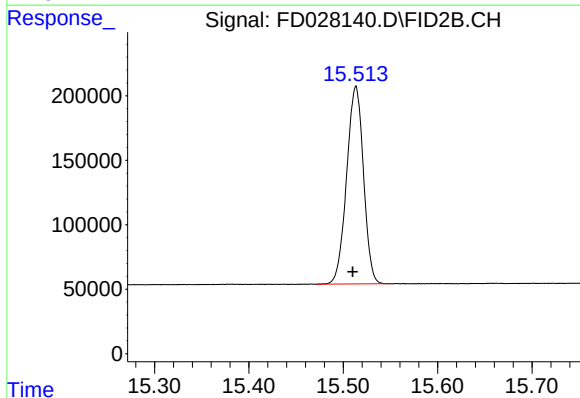
R.T.: 13.404 min
Delta R.T.: 0.004 min
Response: 2006600
Conc: 18.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



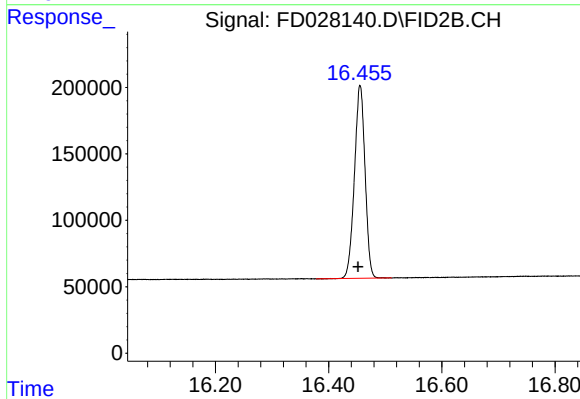
#14 n-Tetracosane (C24)

R.T.: 14.499 min
Delta R.T.: 0.003 min
Response: 1950358
Conc: 18.53 ug/ml



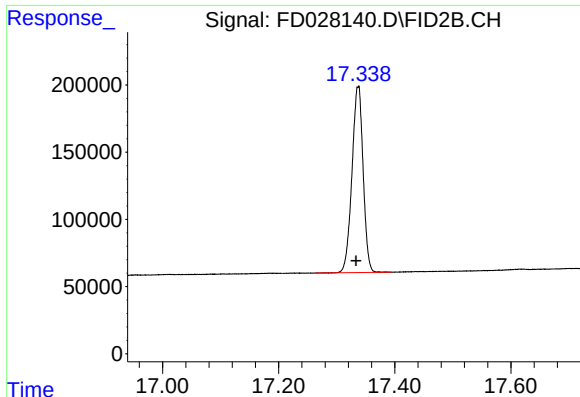
#15 n-Hexacosane (C26)

R.T.: 15.513 min
Delta R.T.: 0.003 min
Response: 1902116
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

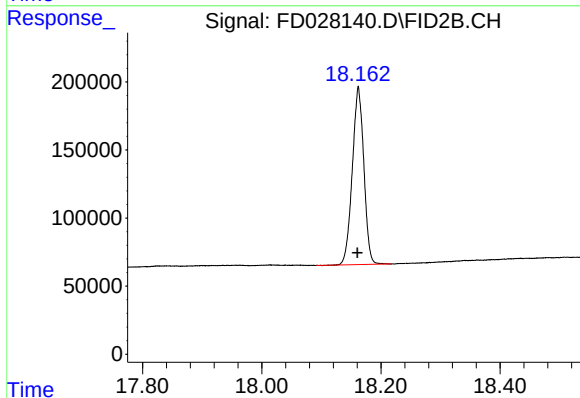
R.T.: 16.456 min
Delta R.T.: 0.003 min
Response: 1888746
Conc: 19.05 ug/ml



#17 n-Tricontane (C30)

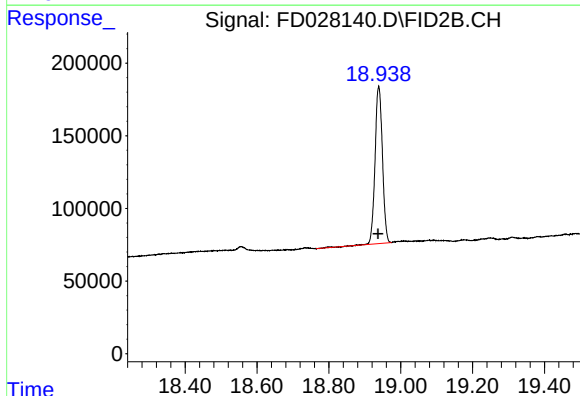
R.T.: 17.337 min
Delta R.T.: 0.003 min
Response: 1847932
Conc: 19.57 ug/ml

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20 PPM ALIPHATIC HC STD



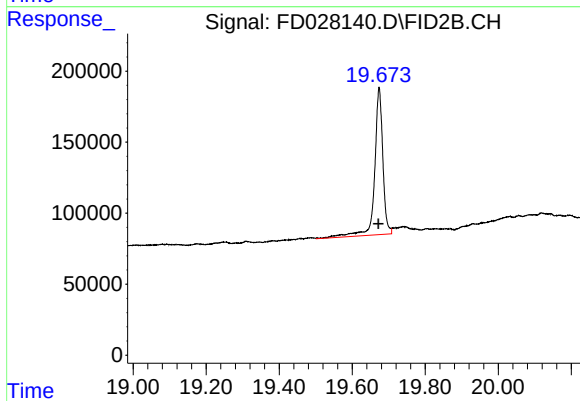
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: 0.002 min
Response: 1749143
Conc: 20.28 ug/ml



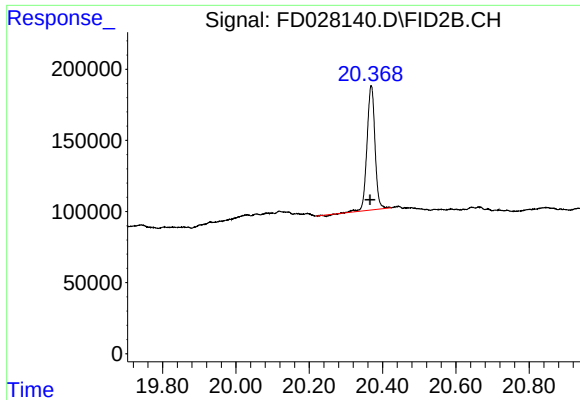
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.001 min
Response: 1540376
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

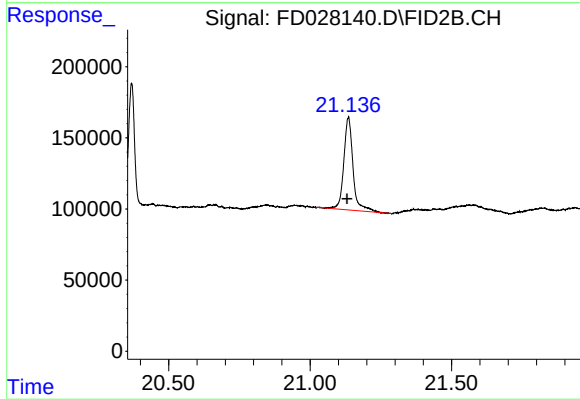
R.T.: 19.674 min
Delta R.T.: 0.002 min
Response: 1618844
Conc: 25.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.369 min
Delta R.T.: 0.003 min
Response: 1310430
Conc: 21.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.135 min
Delta R.T.: 0.004 min
Response: 1485323
Conc: 25.09 ug/ml