

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080919AL\
 Data File : FD029989.D
 Signal(s) : FID2B.CH
 Acq On : 09 Aug 2019 10:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 03:50:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.567	2782622	20.244 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
12) S 1-chlorooctadecane (S...	12.992	2300124	20.167 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	3.367	2440743	20.395 ug/ml
2) T n-Decane (C10)	4.429	2487728	20.456 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2808106	20.397 ug/ml
4) T n-Dodecane (C12)	6.437	2487804	20.402 ug/ml
5) T A~2-methylnaphthalene...	7.059	2824839	20.425 ug/ml
6) T n-Tetradecane (C14)	8.224	2519331	20.425 ug/ml
7) T n-Hexadecane (C16)	9.816	2549759	20.420 ug/ml
8) T n-Octadecane (C18)	11.249	2599850	20.335 ug/ml
10) T n-Eicosane (C20)	12.551	2625584	20.223 ug/ml
11) T n-Heneicosane (C21)	13.158	2619113	20.167 ug/ml
13) T n-Docosane (C22)	13.740	2629593	20.139 ug/ml
14) T n-Tetracosane (C24)	14.836	2616638	19.936 ug/ml
15) T n-Hexacosane (C26)	15.849	2558416	19.836 ug/ml
16) T n-Octacosane (C28)	16.791	2509460	19.778 ug/ml
17) T n-Tricontane (C30)	17.671	2385878	19.688 ug/ml
18) T n-Dotriacontane (C32)	18.497	2164803	19.306 ug/ml
19) T n-Tetratriacontane (C34)	19.273	1762621	19.880 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1957947	26.345 ug/ml
21) T n-Octatriacontane (C38)	20.722	1352006	20.312 ug/ml
22) T n-Tetracontane (C40)	21.595	1410502	19.969 ug/ml

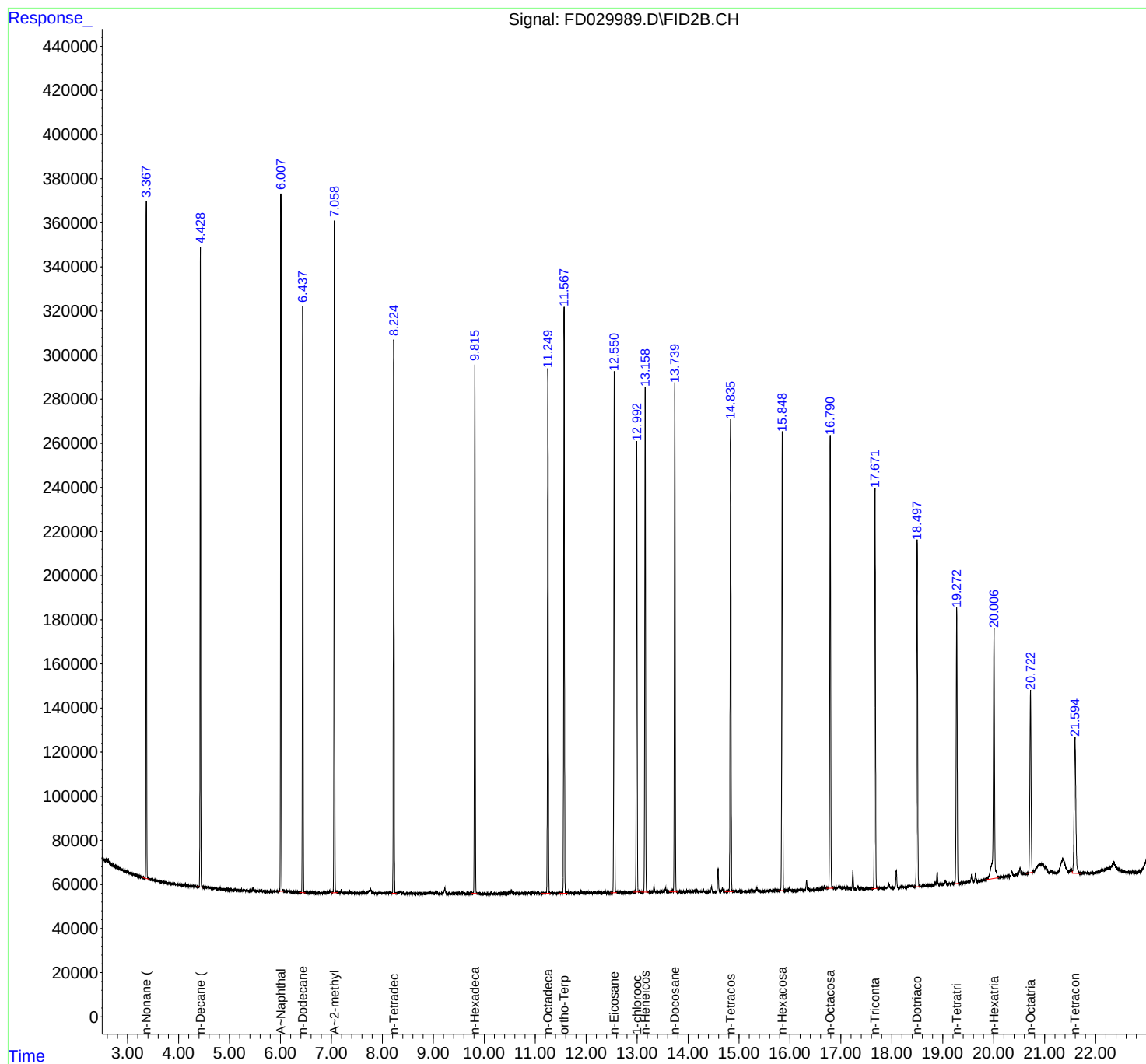
(f)=RT Delta > 1/2 Window

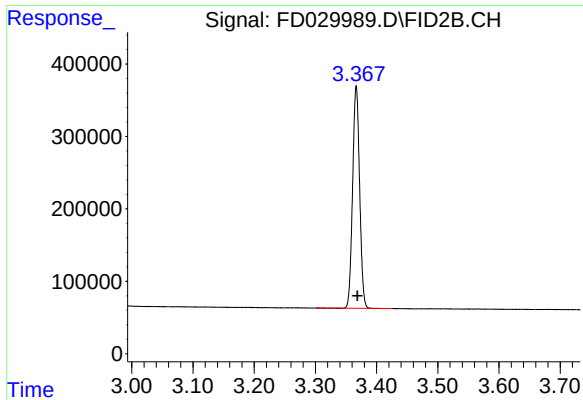
(m)=manual int.

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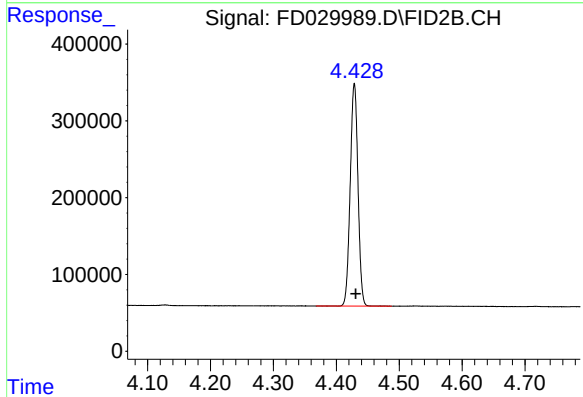
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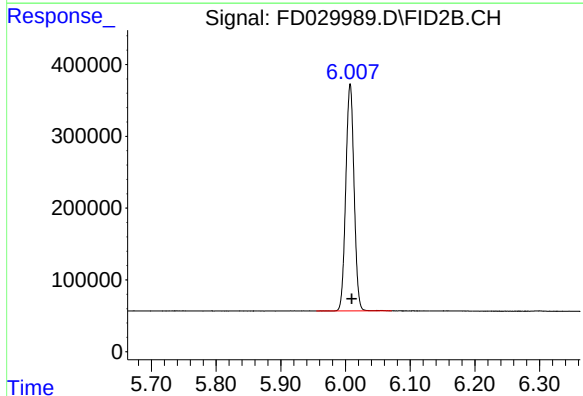
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 2440743
Conc: 20.40 ug/ml



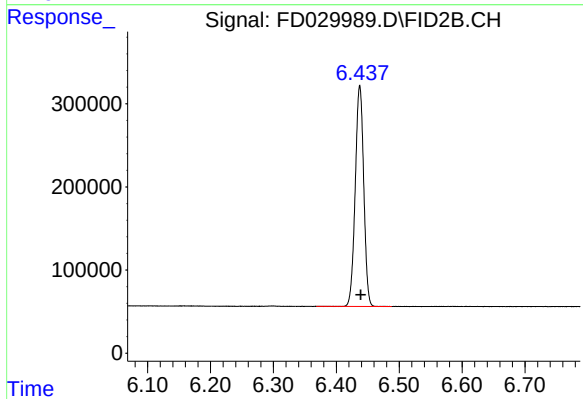
#2 n-Decane (C10)

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 2487728
Conc: 20.46 ug/ml



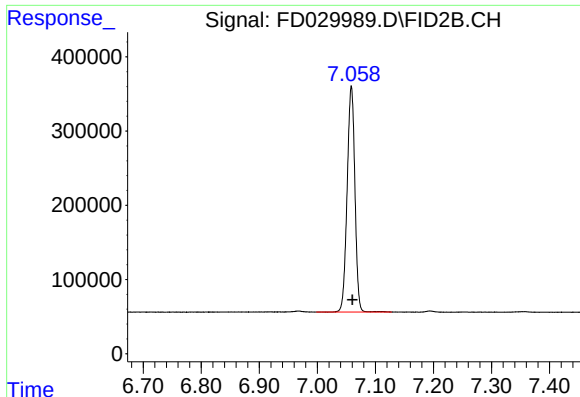
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 2808106
Conc: 20.40 ug/ml



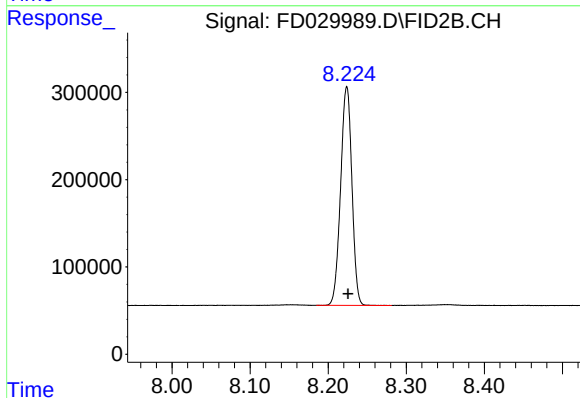
#4 n-Dodecane (C12)

R.T.: 6.437 min
Delta R.T.: -0.001 min
Response: 2487804
Conc: 20.40 ug/ml



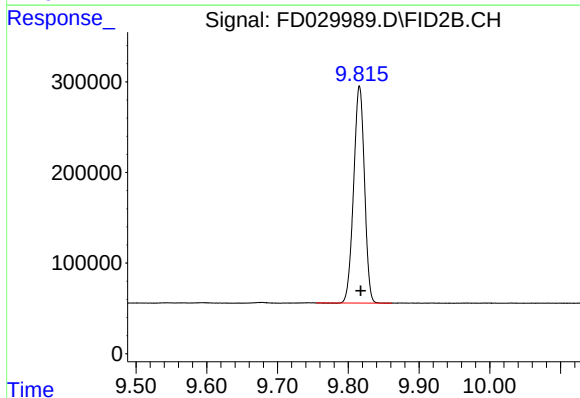
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 2824839
Conc: 20.42 ug/ml



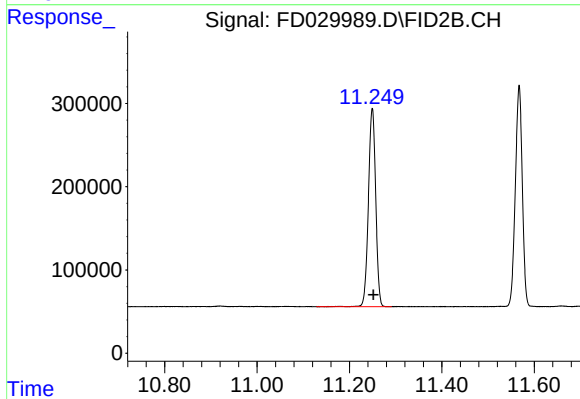
#6 n-Tetradecane (C14)

R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 2519331
Conc: 20.42 ug/ml



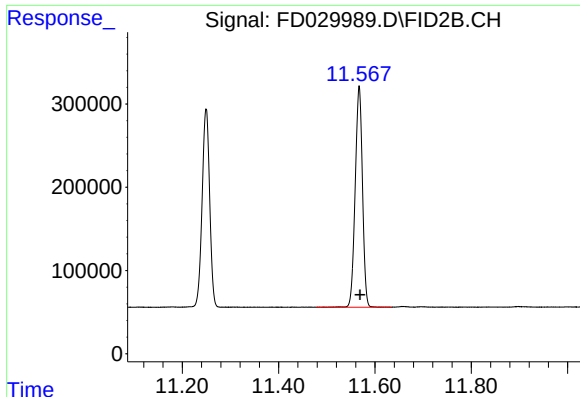
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.002 min
Response: 2549759
Conc: 20.42 ug/ml



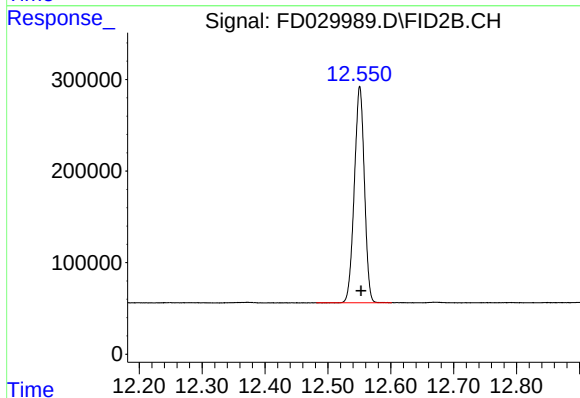
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 2599850
Conc: 20.34 ug/ml



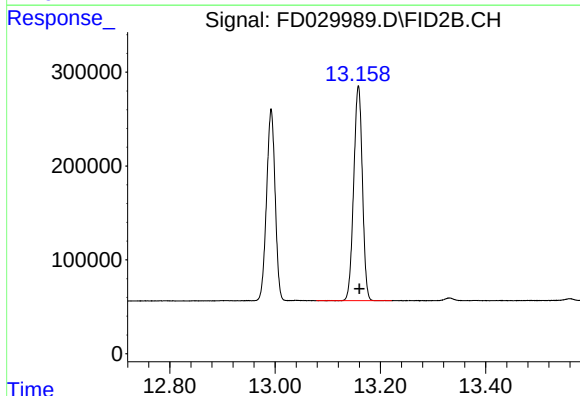
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.002 min
Response: 2782622
Conc: 20.24 ug/ml



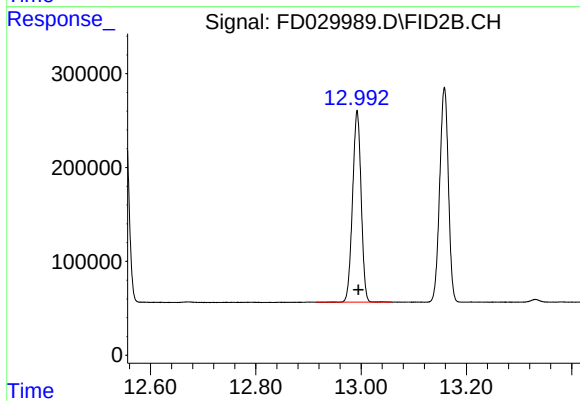
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.002 min
Response: 2625584
Conc: 20.22 ug/ml



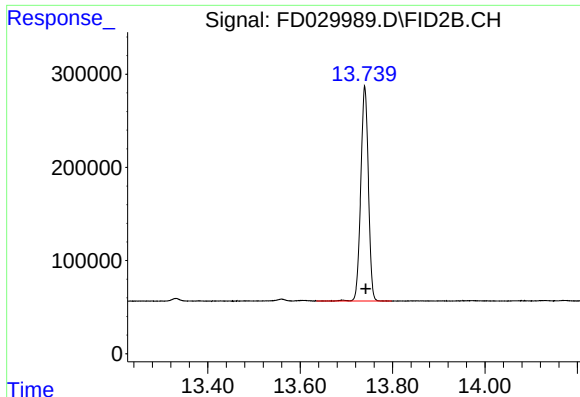
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.002 min
Response: 2619113
Conc: 20.17 ug/ml



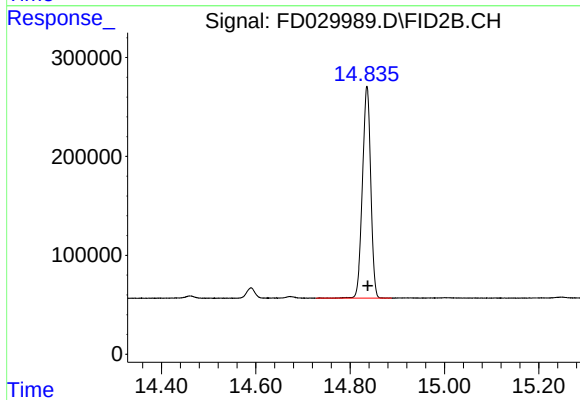
#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min
Delta R.T.: -0.002 min
Response: 2300124
Conc: 20.17 ug/ml



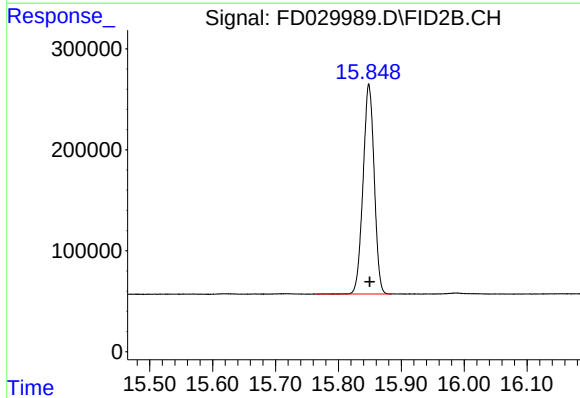
#13 n-Docosane (C22)

R.T.: 13.740 min
Delta R.T.: -0.002 min
Response: 2629593
Conc: 20.14 ug/ml



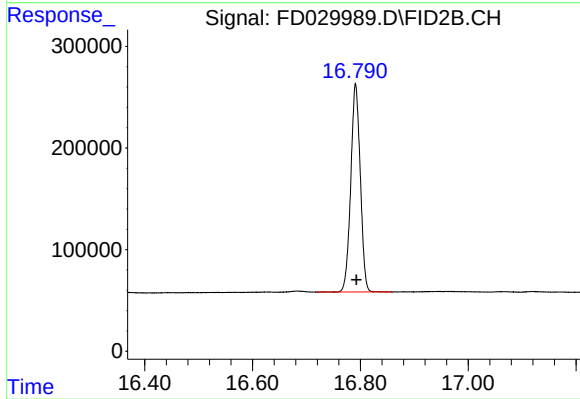
#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: -0.002 min
Response: 2616638
Conc: 19.94 ug/ml



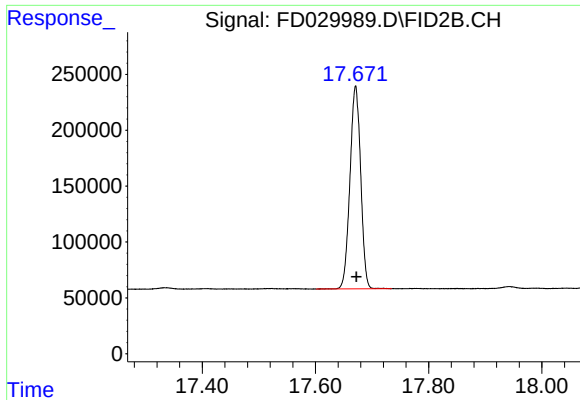
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.001 min
Response: 2558416
Conc: 19.84 ug/ml



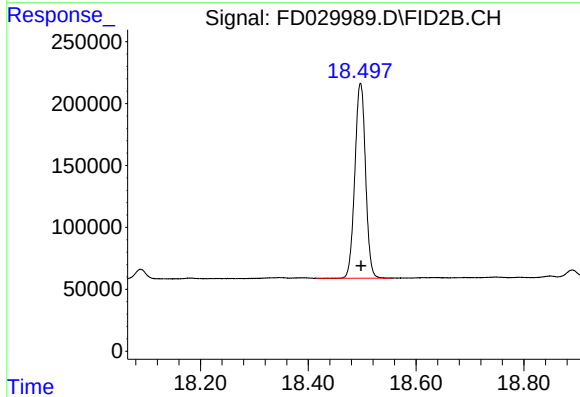
#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: -0.001 min
Response: 2509460
Conc: 19.78 ug/ml



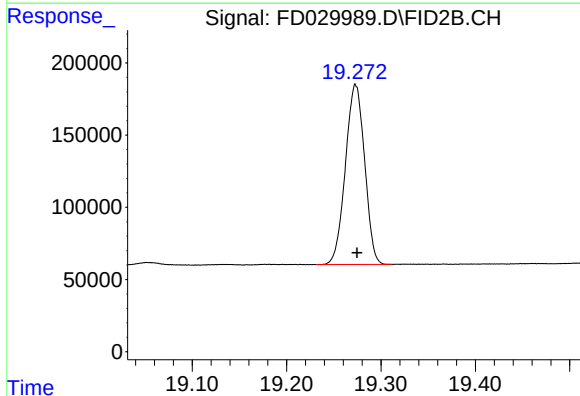
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: -0.001 min
Response: 2385878
Conc: 19.69 ug/ml



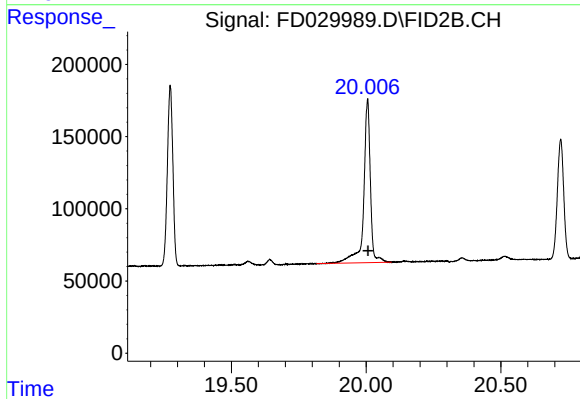
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: -0.001 min
Response: 2164803
Conc: 19.31 ug/ml



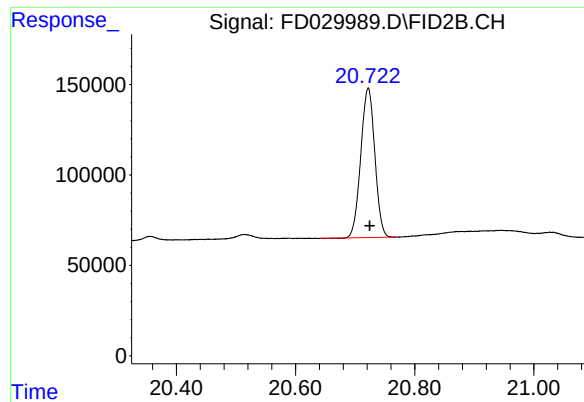
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.002 min
Response: 1762621
Conc: 19.88 ug/ml



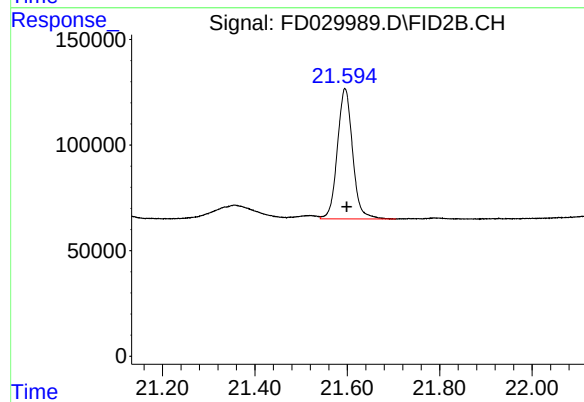
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.002 min
Response: 1957947
Conc: 26.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: -0.003 min
Response: 1352006
Conc: 20.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: -0.004 min
Response: 1410502
Conc: 19.97 ug/ml