

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021022AL\
 Data File : FD040970.D
 Signal(s) : FID2B.CH
 Acq On : 11 Feb 2022 4:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 11 06:34:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 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)	11.235	547645	19.594 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
12) S 1-chlorooctadecane (S...	12.676	413203	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.082	464547	20.625 ug/ml
2) T n-Decane (C10)	4.141	469734	20.872 ug/ml
3) T A~Naphthalene (C11.7)	5.697	464382	20.898 ug/ml
4) T n-Dodecane (C12)	6.143	469587	20.452 ug/ml
5) T A~2-methylnaphthalene...	6.743	460332	21.430 ug/ml
6) T n-Tetradecane (C14)	7.921	474703	20.158 ug/ml
7) T n-Hexadecane (C16)	9.508	479653	19.951 ug/ml
8) T n-Octadecane (C18)	10.938	492561	19.628 ug/ml
10) T n-Eicosane (C20)	12.239	486471	19.423 ug/ml
11) T n-Heneicosane (C21)	12.847	491856	19.368 ug/ml
13) T n-Docosane (C22)	13.429	487400	19.473 ug/ml
14) T n-Tetracosane (C24)	14.525	492512	19.831 ug/ml
15) T n-Hexacosane (C26)	15.540	490238	20.222 ug/ml
16) T n-Octacosane (C28)	16.483	498982	20.723 ug/ml
17) T n-Tricontane (C30)	17.367	501980	21.067 ug/ml
18) T n-Dotriacontane (C32)	18.195	474890	21.173 ug/ml
19) T n-Tetratriacontane (C34)	18.976	442952	20.555 ug/ml
20) T n-Hexatriacontane (C36)	19.711	403651	20.301 ug/ml
21) T n-Octatriacontane (C38)	20.410	369165	19.485 ug/mlm
22) T n-Tetracontane (C40)	21.194	360717	18.636 ug/ml

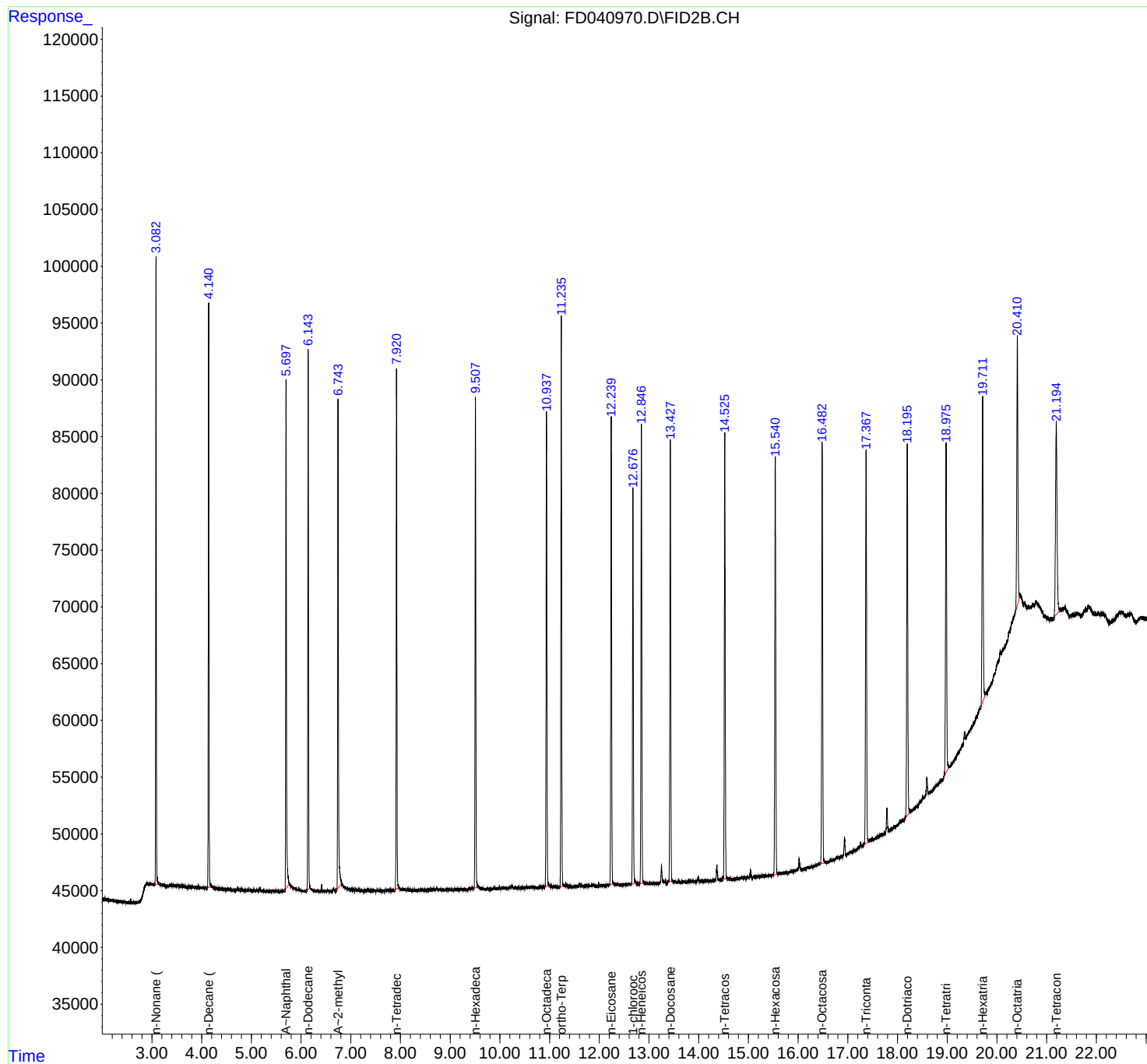
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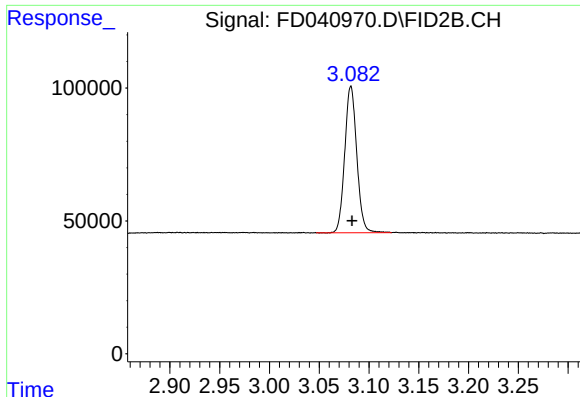
(m)=manual int.

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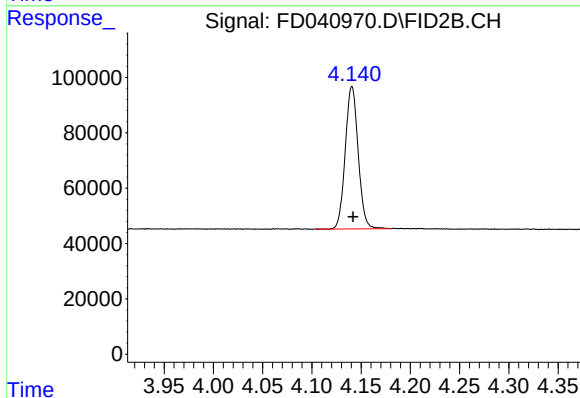
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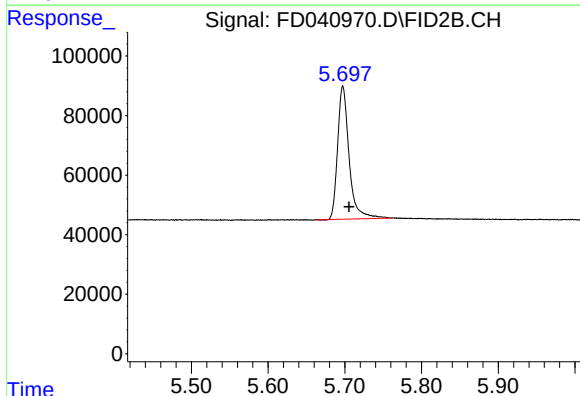
#1 n-Nonane (C9)

R.T.: 3.082 min
Delta R.T.: -0.001 min
Response: 464547
Conc: 20.63 ug/ml



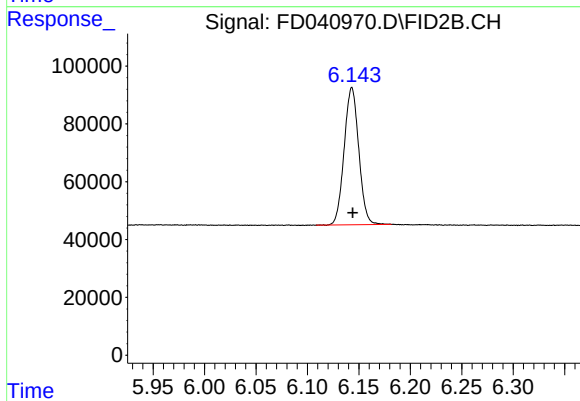
#2 n-Decane (C10)

R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 469734
Conc: 20.87 ug/ml



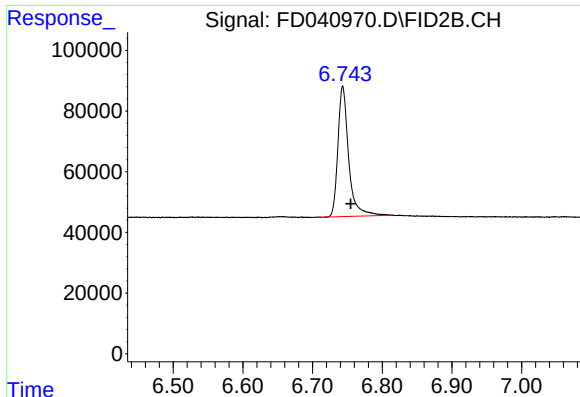
#3 A~Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.008 min
Response: 464382
Conc: 20.90 ug/ml



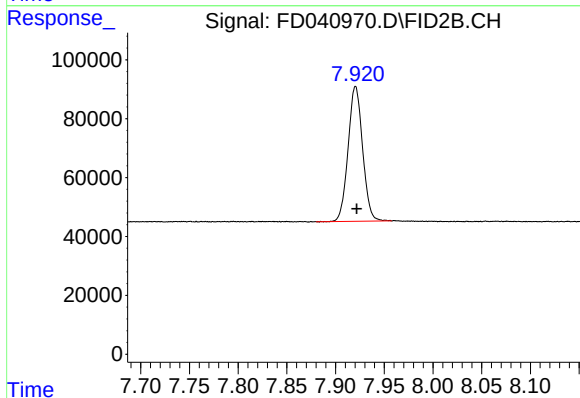
#4 n-Dodecane (C12)

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 469587
Conc: 20.45 ug/ml



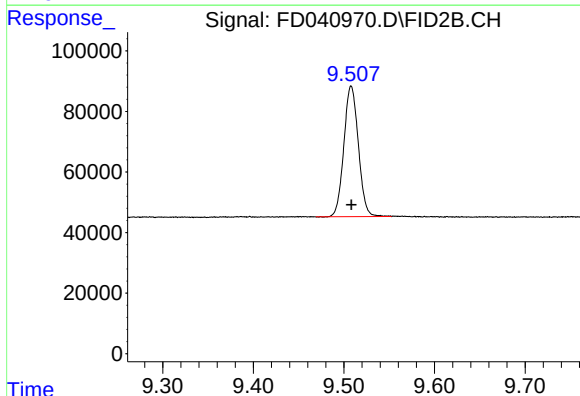
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.012 min
Response: 460332
Conc: 21.43 ug/ml



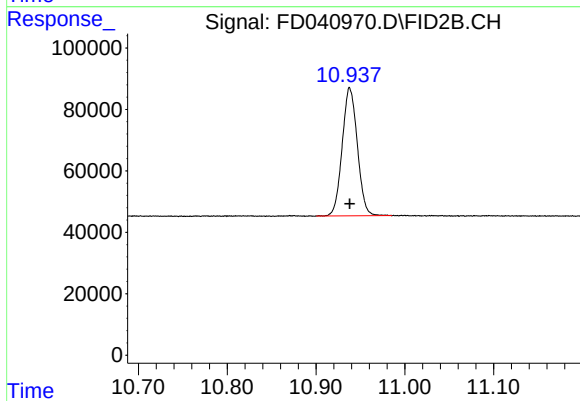
#6 n-Tetradecane (C14)

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 474703
Conc: 20.16 ug/ml



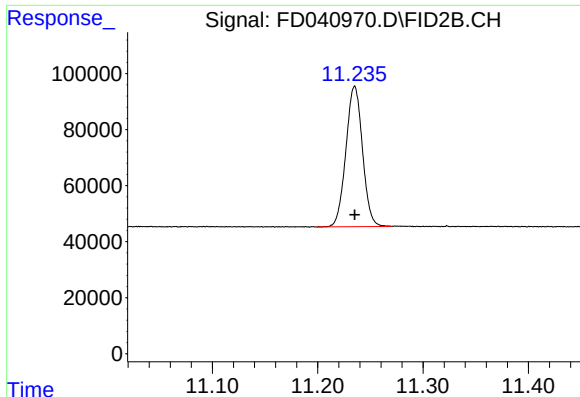
#7 n-Hexadecane (C16)

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 479653
Conc: 19.95 ug/ml



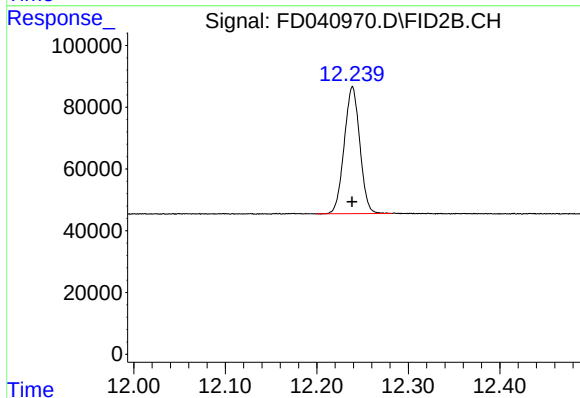
#8 n-Octadecane (C18)

R.T.: 10.938 min
Delta R.T.: 0.000 min
Response: 492561
Conc: 19.63 ug/ml



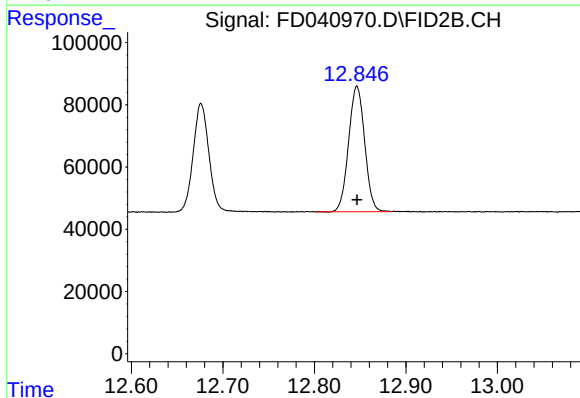
#9 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 547645
Conc: 19.59 ug/ml



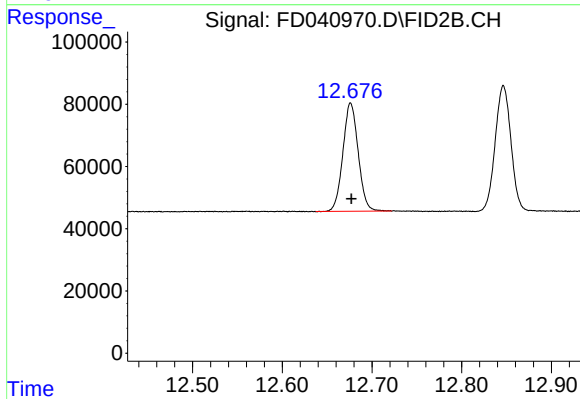
#10 n-Eicosane (C20)

R.T.: 12.239 min
Delta R.T.: 0.000 min
Response: 486471
Conc: 19.42 ug/ml



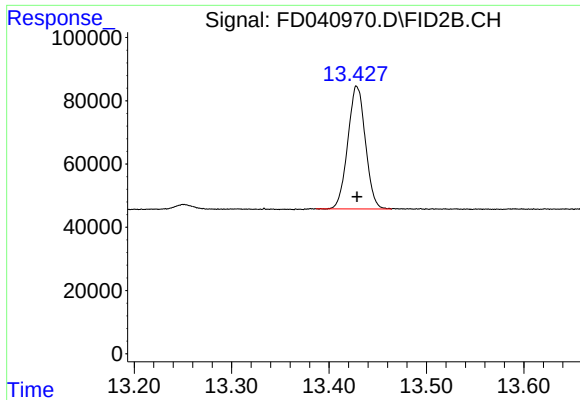
#11 n-Heneicosane (C21)

R.T.: 12.847 min
Delta R.T.: 0.000 min
Response: 491856
Conc: 19.37 ug/ml



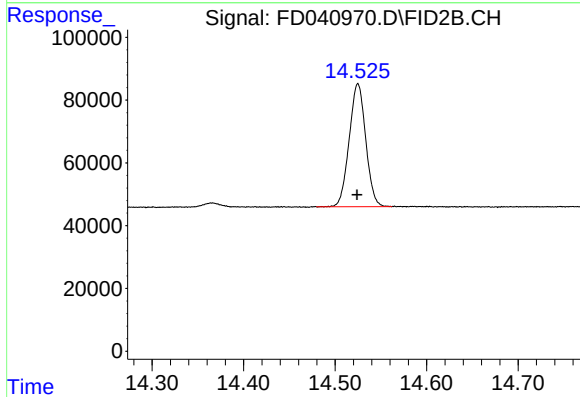
#12 1-chlorooctadecane (SURR)

R.T.: 12.676 min
Delta R.T.: -0.001 min
Response: 413203
Conc: 19.74 ug/ml



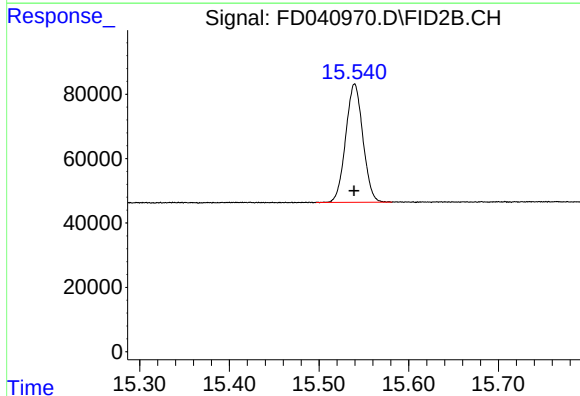
#13 n-Docosane (C22)

R.T.: 13.429 min
Delta R.T.: 0.000 min
Response: 487400
Conc: 19.47 ug/ml



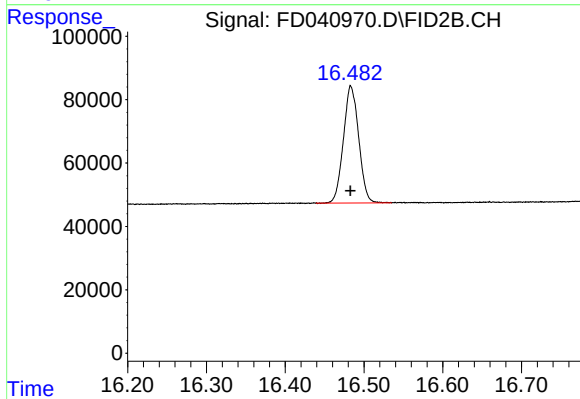
#14 n-Tetracosane (C24)

R.T.: 14.525 min
Delta R.T.: 0.000 min
Response: 492512
Conc: 19.83 ug/ml



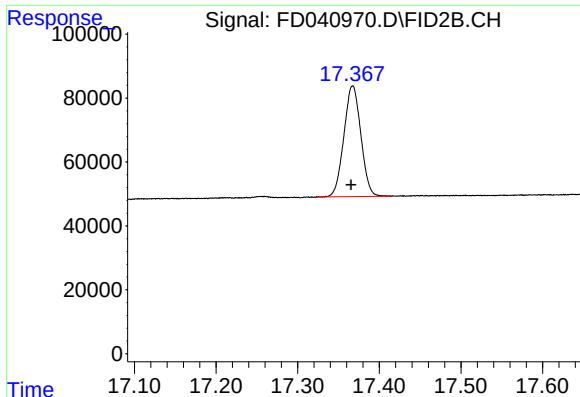
#15 n-Hexacosane (C26)

R.T.: 15.540 min
Delta R.T.: 0.000 min
Response: 490238
Conc: 20.22 ug/ml



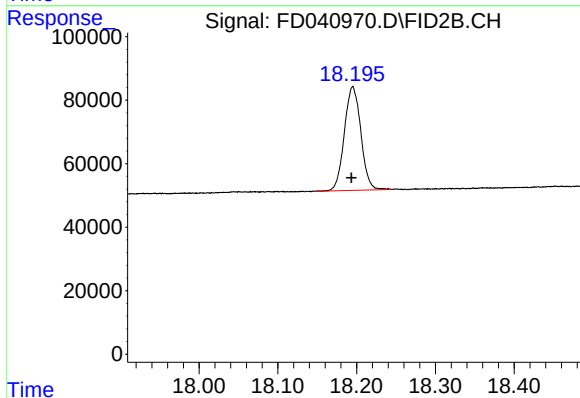
#16 n-Octacosane (C28)

R.T.: 16.483 min
Delta R.T.: 0.000 min
Response: 498982
Conc: 20.72 ug/ml



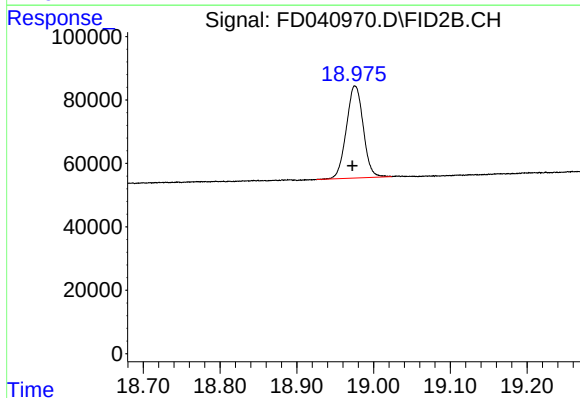
#17 n-Tricontane (C30)

R.T.: 17.367 min
Delta R.T.: 0.002 min
Response: 501980
Conc: 21.07 ug/ml



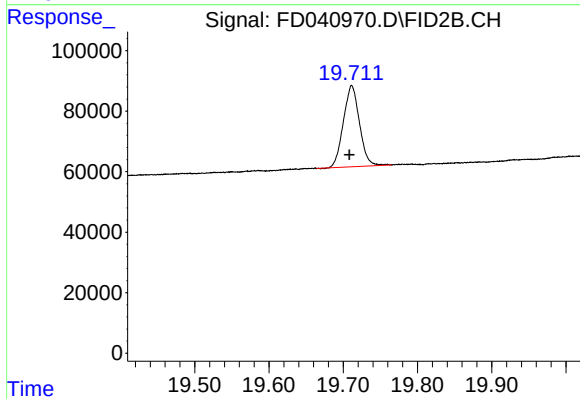
#18 n-Dotriacontane (C32)

R.T.: 18.195 min
Delta R.T.: 0.002 min
Response: 474890
Conc: 21.17 ug/ml



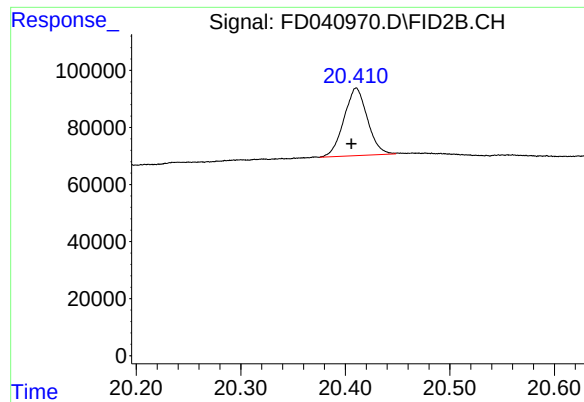
#19 n-Tetratriacontane (C34)

R.T.: 18.976 min
Delta R.T.: 0.004 min
Response: 442952
Conc: 20.55 ug/ml



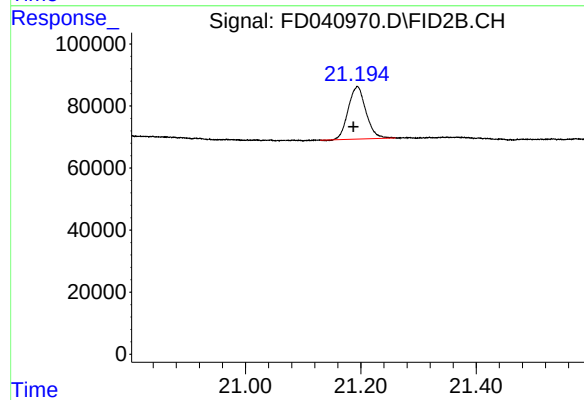
#20 n-Hexatriacontane (C36)

R.T.: 19.711 min
Delta R.T.: 0.003 min
Response: 403651
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.410 min
Delta R.T.: 0.004 min
Response: 369165
Conc: 19.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.194 min
Delta R.T.: 0.007 min
Response: 360717
Conc: 18.64 ug/ml