

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041620AL\
 Data File : FD032964.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2020 14:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 17 01:00:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 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)	11.503	2911060	19.374 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	12.934	2260968	19.263 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.311	2814027	21.046 ug/ml
2) T n-Decane (C10)	4.370	2842946	21.220 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3120776	21.174 ug/ml
4) T n-Dodecane (C12)	6.377	2883624	21.268 ug/ml
5) T A~2-methylnaphthalene...	6.998	3126298	21.044 ug/ml
6) T n-Tetradecane (C14)	8.162	2888282	21.125 ug/ml
7) T n-Hexadecane (C16)	9.754	2865352	20.857 ug/ml
8) T n-Octadecane (C18)	11.188	2823766	20.391 ug/ml
10) T n-Eicosane (C20)	12.492	2754000	19.826 ug/ml
11) T n-Heneicosane (C21)	13.101	2721050	19.425 ug/ml
13) T n-Docosane (C22)	13.684	2725486	19.631 ug/ml
14) T n-Tetracosane (C24)	14.783	2812704	20.498 ug/ml
15) T n-Hexacosane (C26)	15.798	2712811	20.400 ug/ml
16) T n-Octacosane (C28)	16.743	2669149	21.146 ug/ml
17) T n-Tricontane (C30)	17.627	2538990	22.306 ug/ml
18) T n-Dotriacontane (C32)	18.456	1972054	23.476 ug/ml
19) T n-Tetratriacontane (C34)	19.235	1393848	22.982 ug/ml
20) T n-Hexatriacontane (C36)	19.971	1172712	23.373 ug/ml
21) T n-Octatriacontane (C38)	20.684	1064025	22.101 ug/ml
22) T n-Tetracontane (C40)	21.544	1112276	22.043 ug/ml

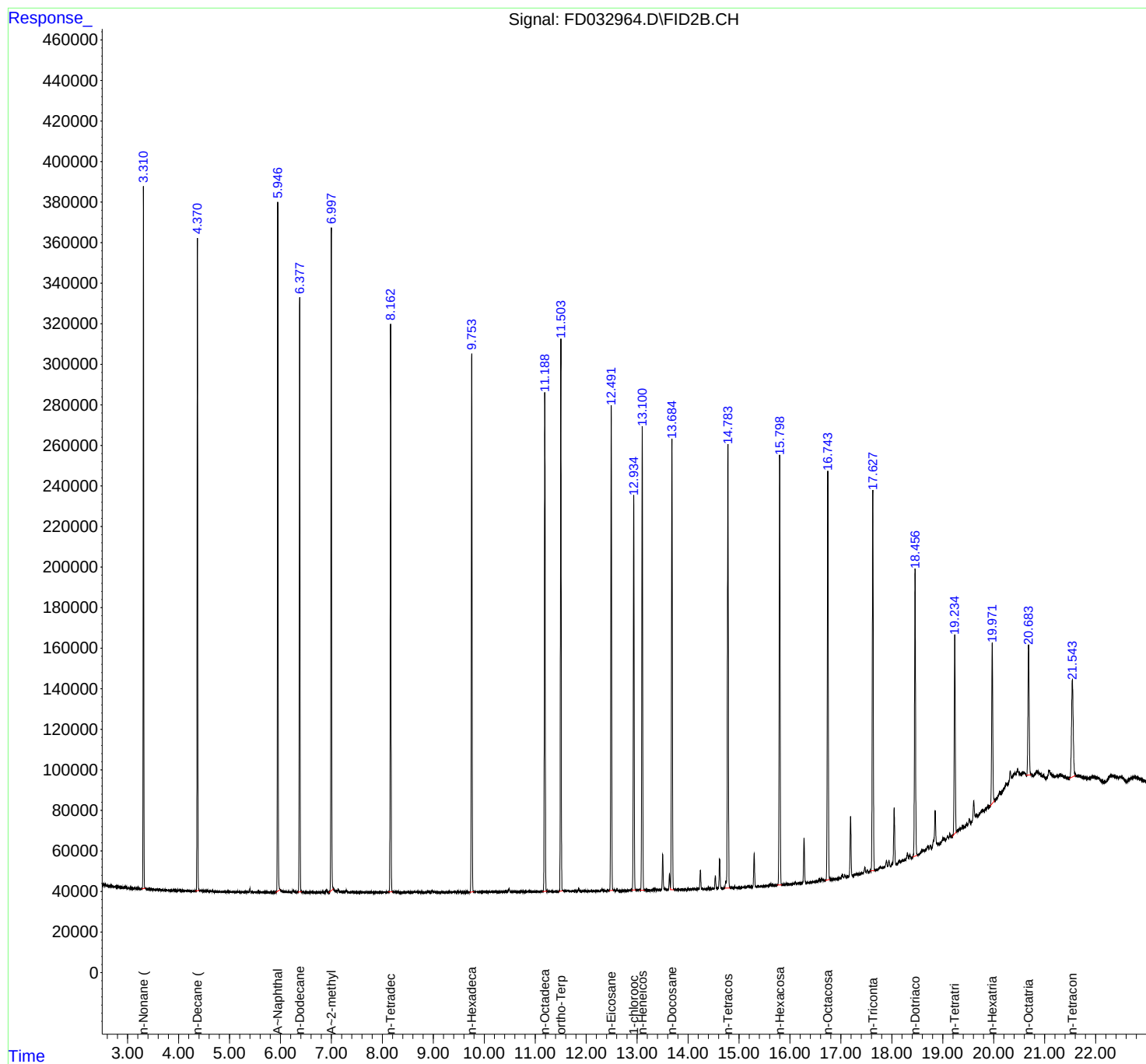
(f)=RT Delta > 1/2 Window

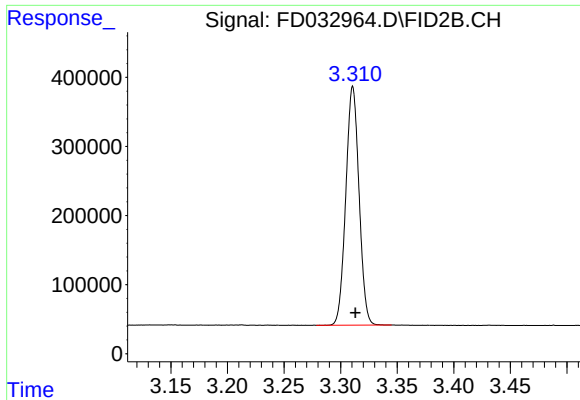
(m)=manual int.

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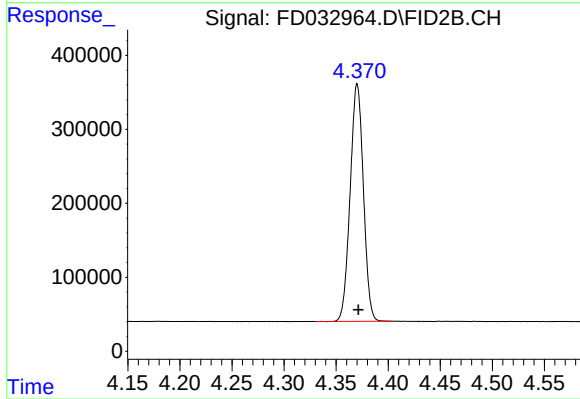
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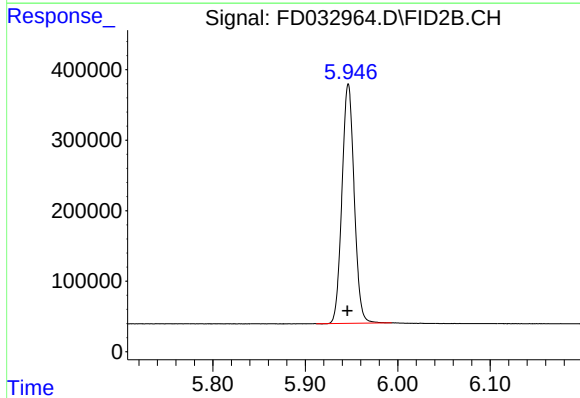
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2814027
Conc: 21.05 ug/ml



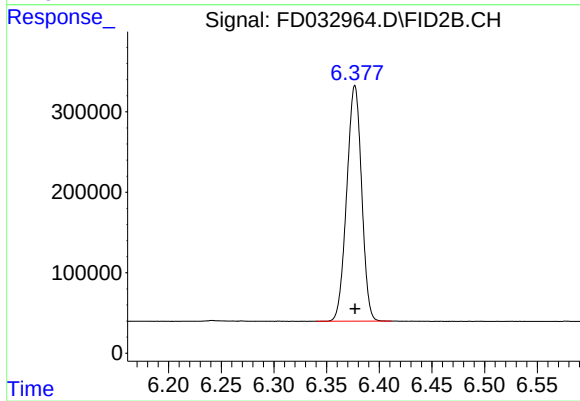
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.001 min
Response: 2842946
Conc: 21.22 ug/ml



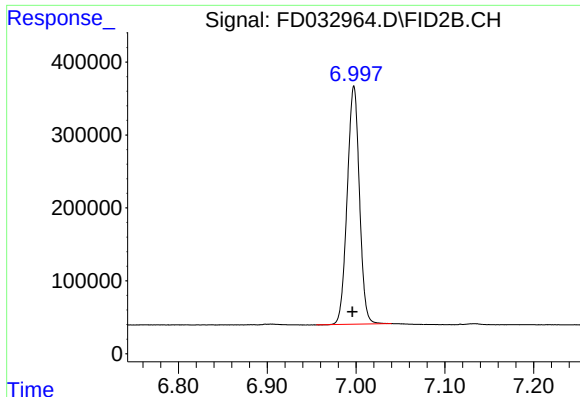
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.001 min
Response: 3120776
Conc: 21.17 ug/ml



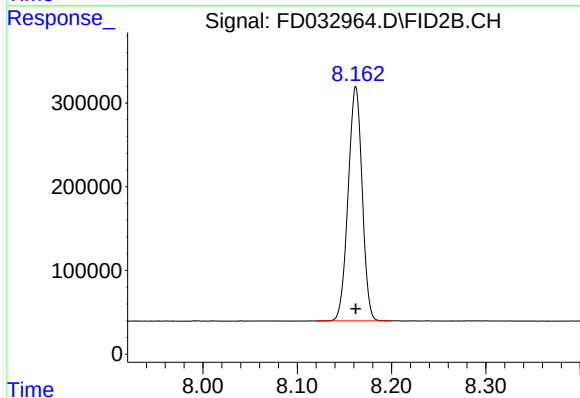
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 2883624
Conc: 21.27 ug/ml



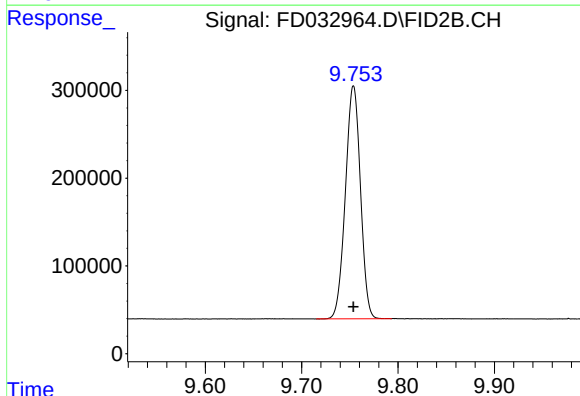
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: 0.002 min
Response: 3126298
Conc: 21.04 ug/ml



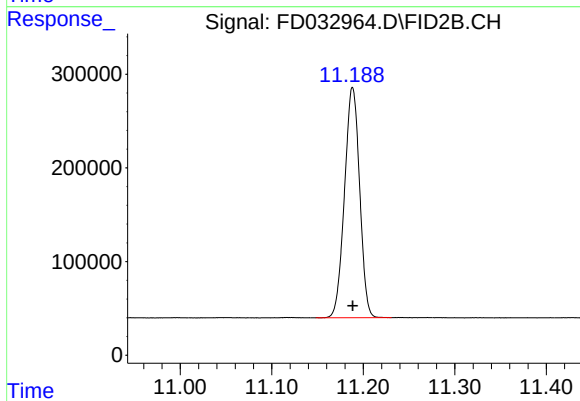
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 2888282
Conc: 21.13 ug/ml



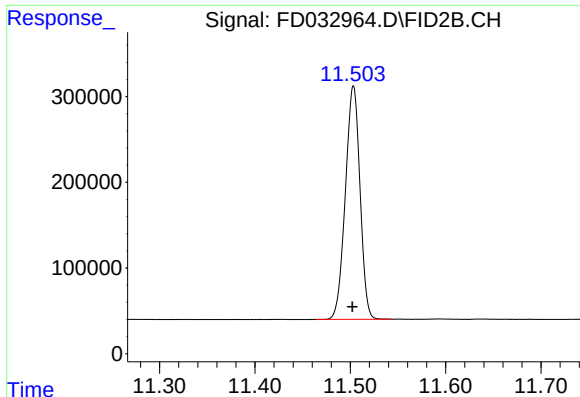
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 2865352
Conc: 20.86 ug/ml



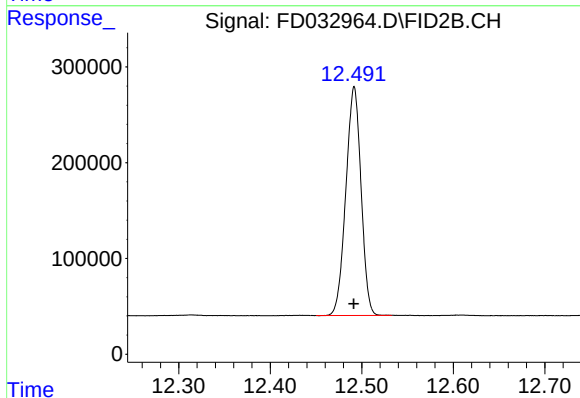
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 2823766
Conc: 20.39 ug/ml



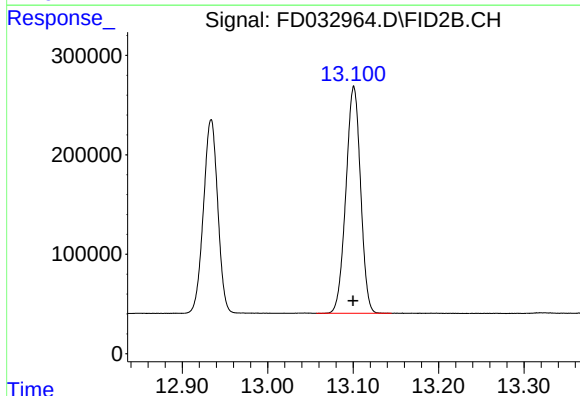
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: 0.001 min
Response: 2911060
Conc: 19.37 ug/ml



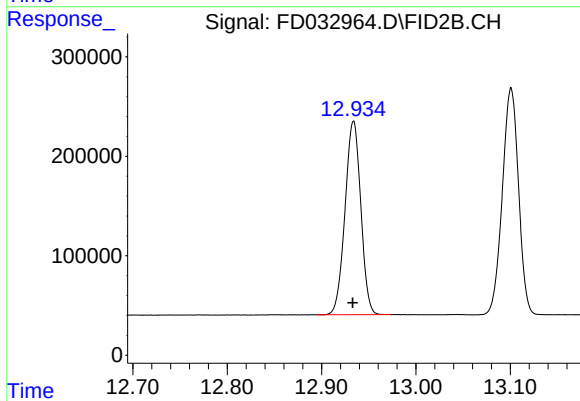
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 2754000
Conc: 19.83 ug/ml



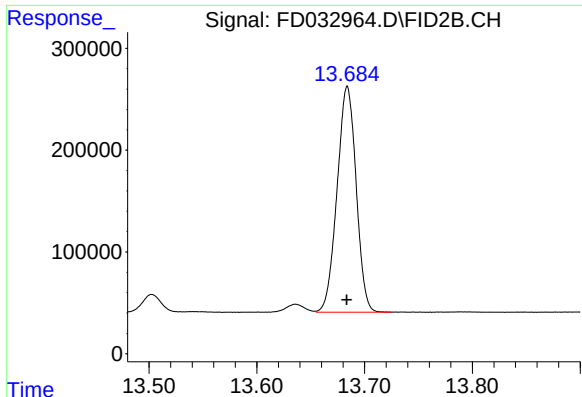
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.000 min
Response: 2721050
Conc: 19.43 ug/ml



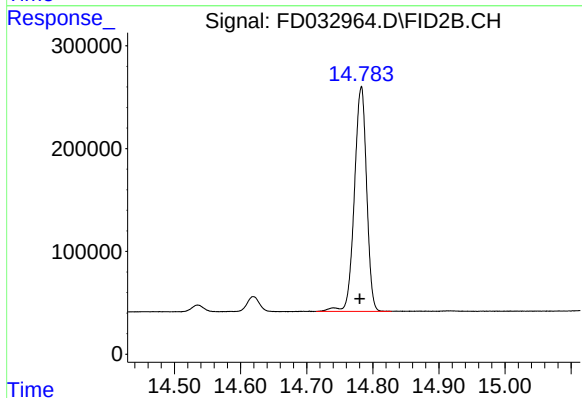
#12 1-chlorooctadecane (SURR)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 2260968
Conc: 19.26 ug/ml



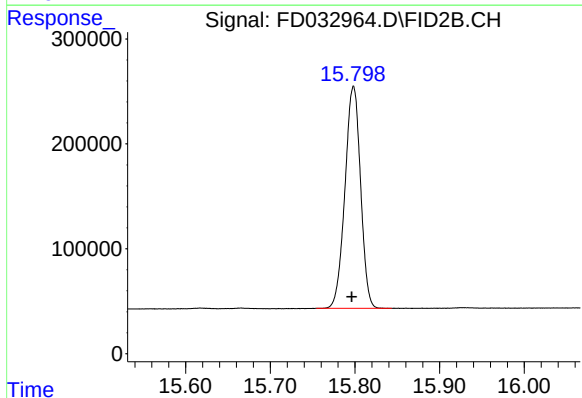
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: 0.000 min
Response: 2725486
Conc: 19.63 ug/ml



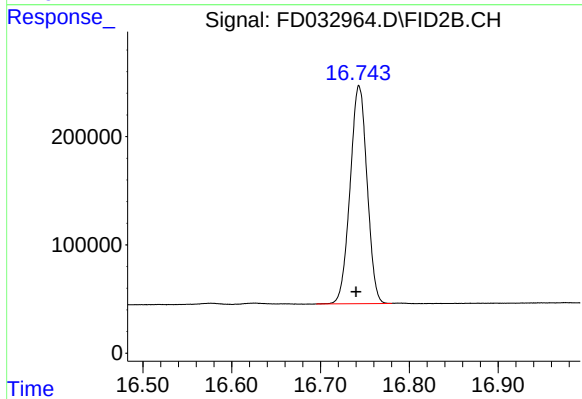
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: 0.002 min
Response: 2812704
Conc: 20.50 ug/ml



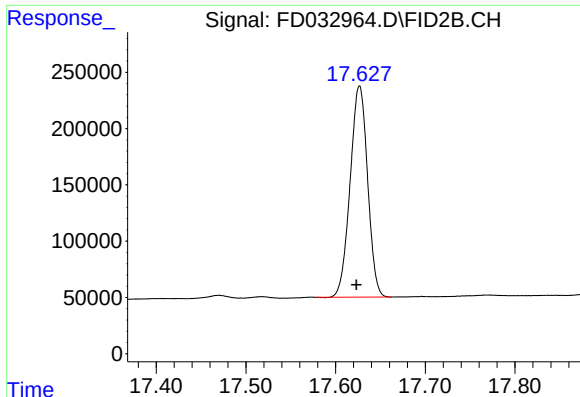
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: 0.002 min
Response: 2712811
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.743 min
Delta R.T.: 0.003 min
Response: 2669149
Conc: 21.15 ug/ml



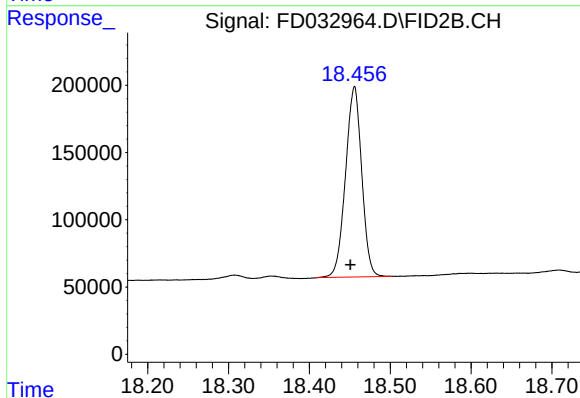
#17 n-Tricontane (C30)

R.T.: 17.627 min

Delta R.T.: 0.004 min

Response: 2538990

Conc: 22.31 ug/ml



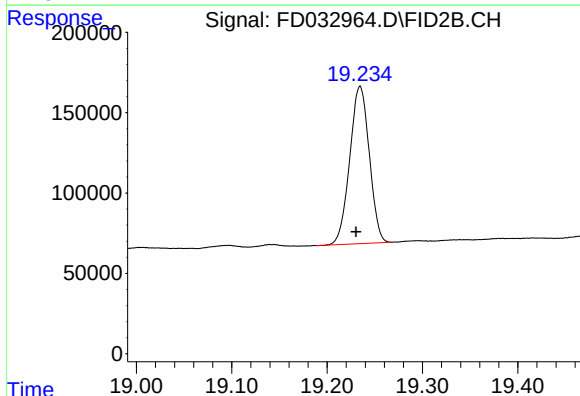
#18 n-Dotriacontane (C32)

R.T.: 18.456 min

Delta R.T.: 0.005 min

Response: 1972054

Conc: 23.48 ug/ml



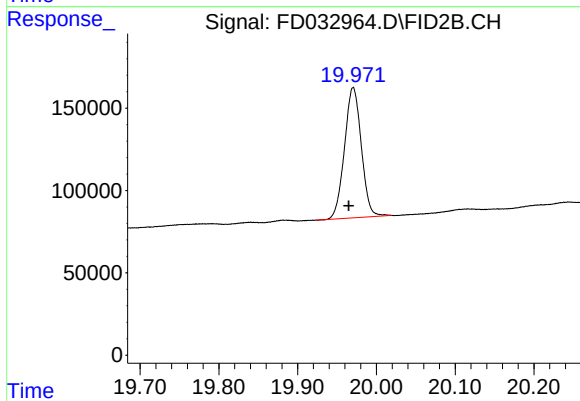
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min

Delta R.T.: 0.004 min

Response: 1393848

Conc: 22.98 ug/ml



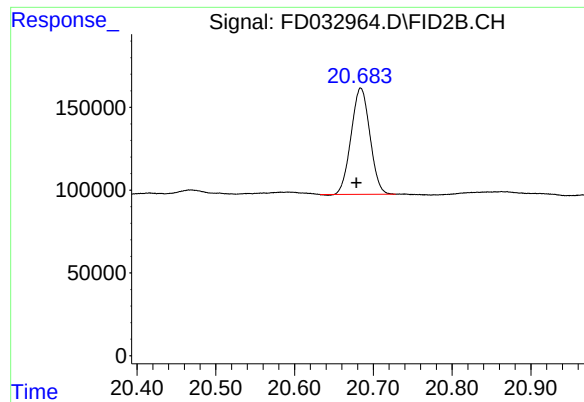
#20 n-Hexatriacontane (C36)

R.T.: 19.971 min

Delta R.T.: 0.006 min

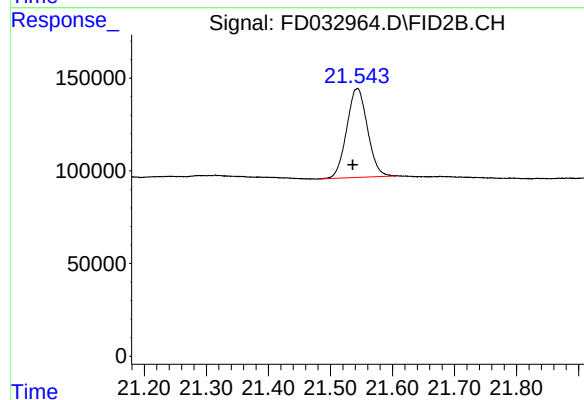
Response: 1172712

Conc: 23.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.684 min
Delta R.T.: 0.006 min
Response: 1064025
Conc: 22.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.544 min
Delta R.T.: 0.008 min
Response: 1112276
Conc: 22.04 ug/ml