

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021022AL\
 Data File : FD040948.D
 Signal(s) : FID2B.CH
 Acq On : 10 Feb 2022 14:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 00:19:06 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)	11.234	560362	20.049 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	12.675	424465	20.275 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
Target Compounds			
1) T n-Nonane (C9)	3.084	450414	19.998 ug/ml
2) T n-Decane (C10)	4.141	448654	19.935 ug/ml
3) T A~Naphthalene (C11.7)	5.699	435033	19.577 ug/ml
4) T n-Dodecane (C12)	6.142	460680	20.064 ug/ml
5) T A~2-methylnaphthalene...	6.744	415437	19.340 ug/ml
6) T n-Tetradecane (C14)	7.919	477323	20.269 ug/ml
7) T n-Hexadecane (C16)	9.507	482706	20.078 ug/ml
8) T n-Octadecane (C18)	10.937	507760	20.234 ug/ml
10) T n-Eicosane (C20)	12.237	504666	20.150 ug/ml
11) T n-Heneicosane (C21)	12.844	511088	20.125 ug/ml
13) T n-Docosane (C22)	13.428	503621	20.121 ug/ml
14) T n-Tetracosane (C24)	14.523	499692	20.120 ug/ml
15) T n-Hexacosane (C26)	15.538	488221	20.139 ug/ml
16) T n-Octacosane (C28)	16.482	489144	20.314 ug/ml
17) T n-Tricontane (C30)	17.365	488616	20.506 ug/ml
18) T n-Dotriacontane (C32)	18.192	461825	20.591 ug/ml
19) T n-Tetratriacontane (C34)	18.973	428771	19.897 ug/ml
20) T n-Hexatriacontane (C36)	19.709	389277	19.578 ug/ml
21) T n-Octatriacontane (C38)	20.407	356192	18.801 ug/ml
22) T n-Tetracontane (C40)	21.189	331099	17.106 ug/ml

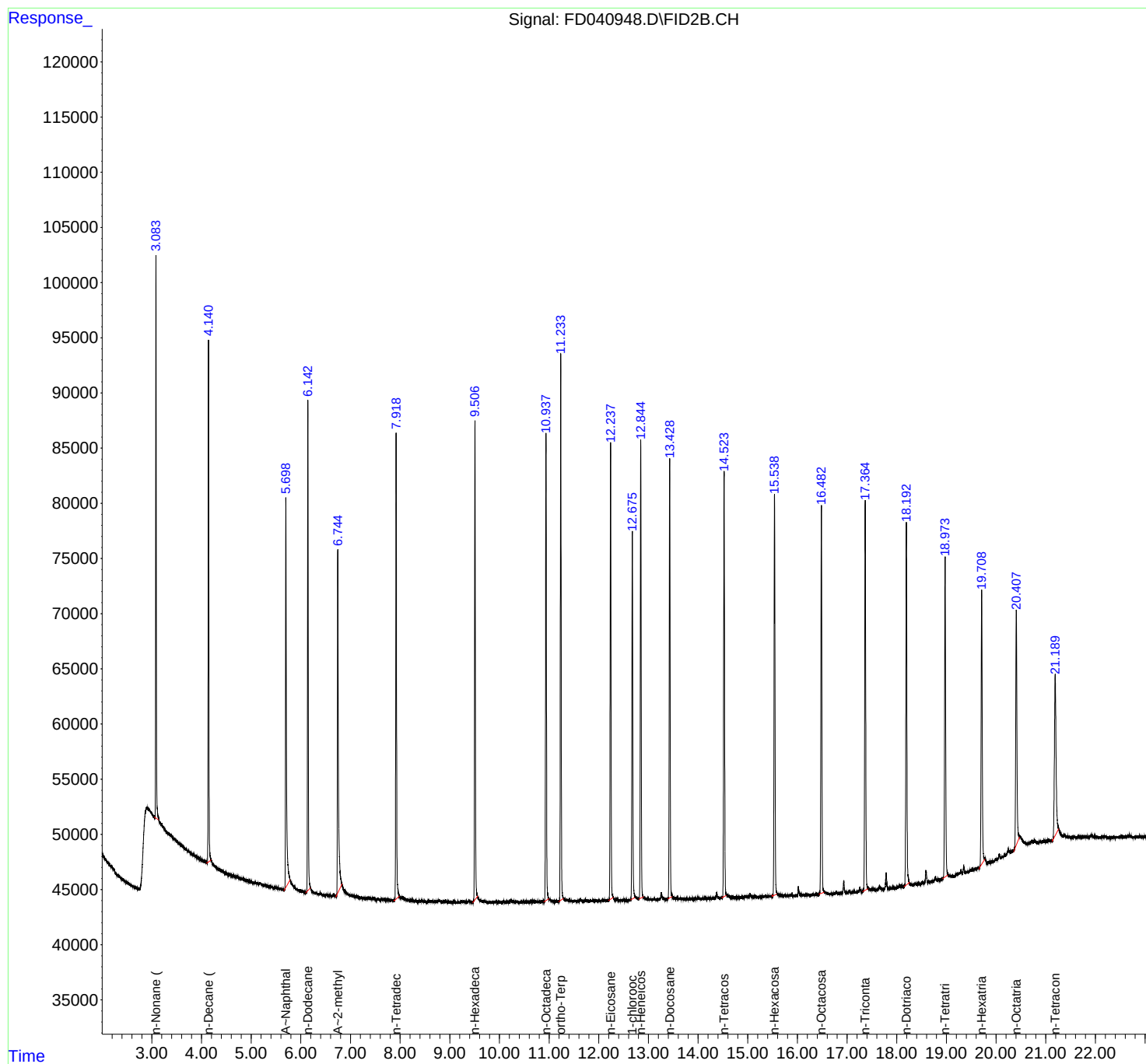
(f)=RT Delta > 1/2 Window

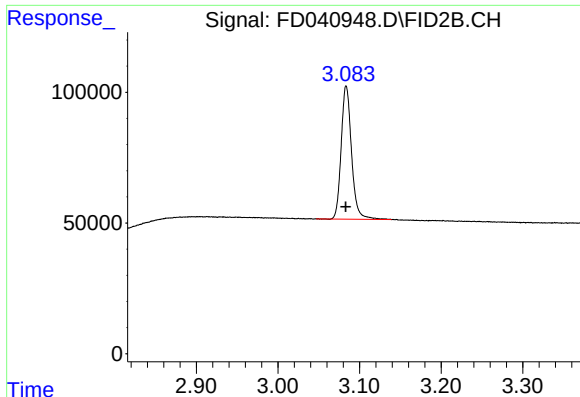
(m)=manual int.

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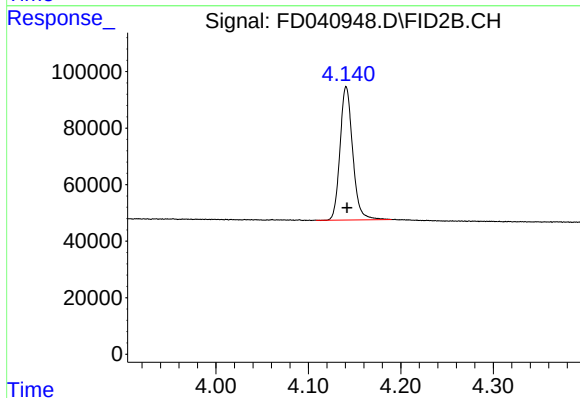
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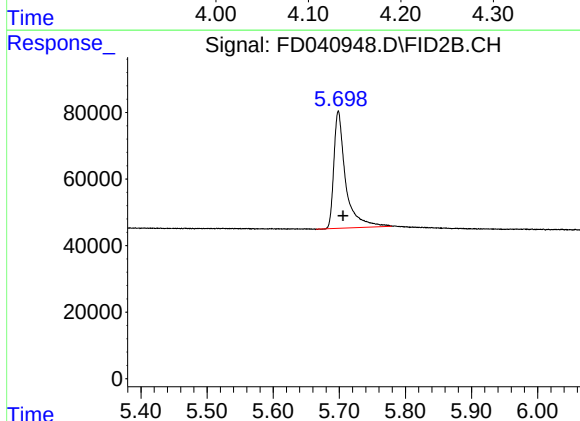
#1 n-Nonane (C9)

R.T.: 3.084 min
Delta R.T.: 0.000 min
Response: 450414
Conc: 20.00 ug/ml



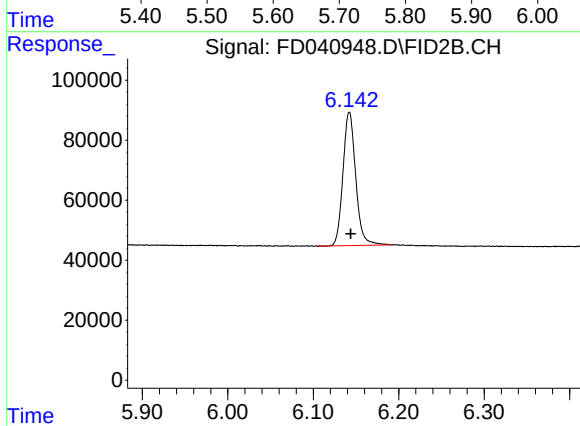
#2 n-Decane (C10)

R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 448654
Conc: 19.93 ug/ml



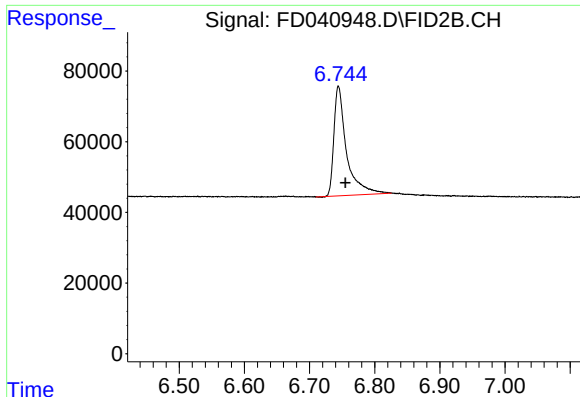
#3 A~Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 435033
Conc: 19.58 ug/ml



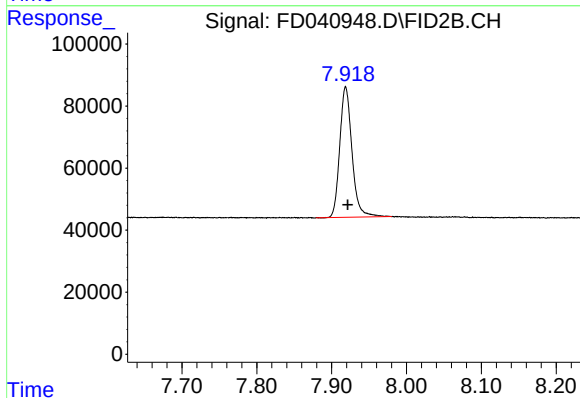
#4 n-Dodecane (C12)

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 460680
Conc: 20.06 ug/ml



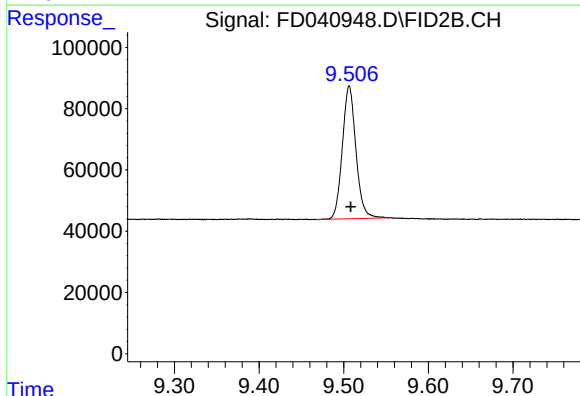
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: -0.011 min
Response: 415437
Conc: 19.34 ug/ml



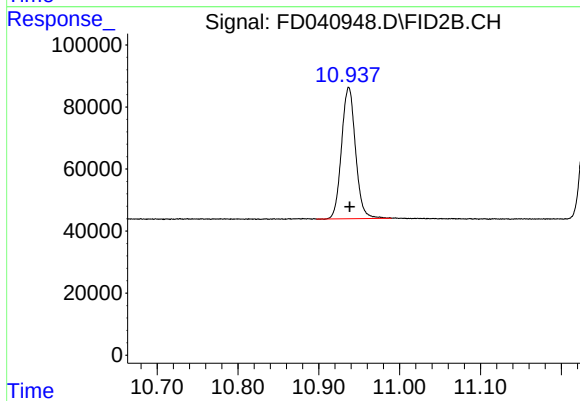
#6 n-Tetradecane (C14)

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 477323
Conc: 20.27 ug/ml



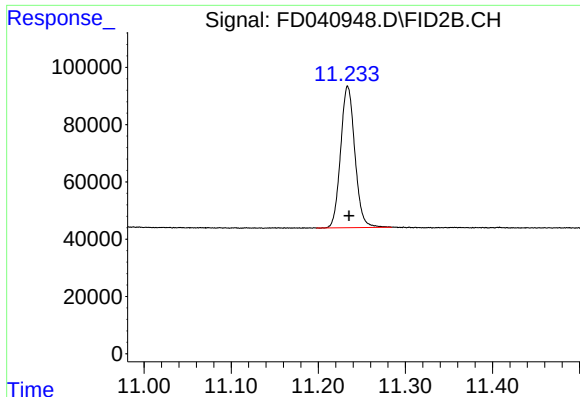
#7 n-Hexadecane (C16)

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 482706
Conc: 20.08 ug/ml



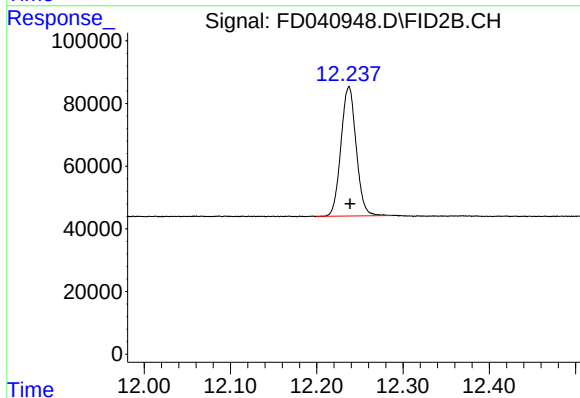
#8 n-Octadecane (C18)

R.T.: 10.937 min
Delta R.T.: -0.001 min
Response: 507760
Conc: 20.23 ug/ml



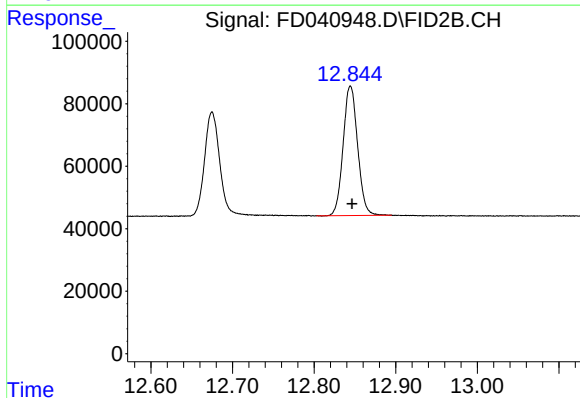
#9 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.001 min
Response: 560362
Conc: 20.05 ug/ml



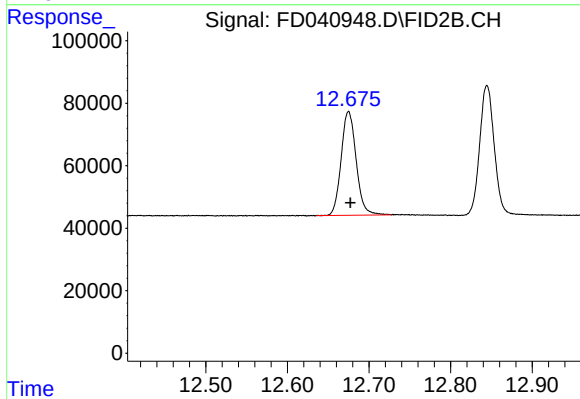
#10 n-Eicosane (C20)

R.T.: 12.237 min
Delta R.T.: -0.001 min
Response: 504666
Conc: 20.15 ug/ml



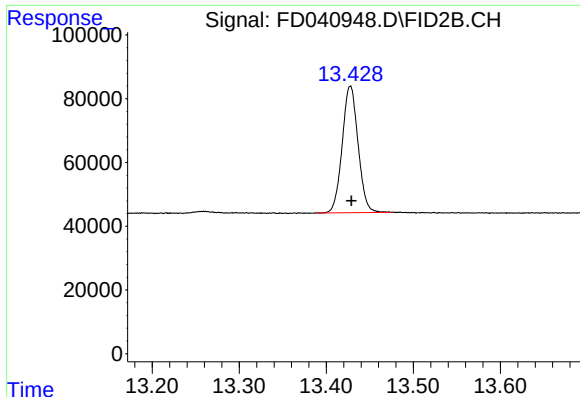
#11 n-Heneicosane (C21)

R.T.: 12.844 min
Delta R.T.: -0.002 min
Response: 511088
Conc: 20.13 ug/ml



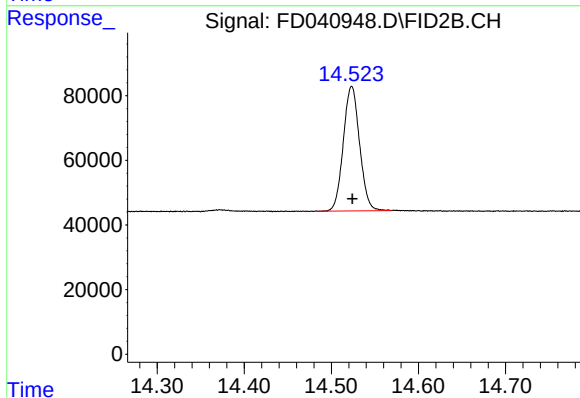
#12 1-chlorooctadecane (SURR)

R.T.: 12.675 min
Delta R.T.: -0.002 min
Response: 424465
Conc: 20.28 ug/ml



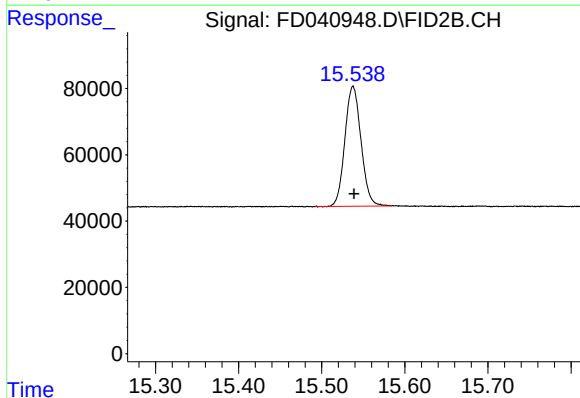
#13 n-Docosane (C22)

R.T.: 13.428 min
Delta R.T.: -0.001 min
Response: 503621
Conc: 20.12 ug/ml



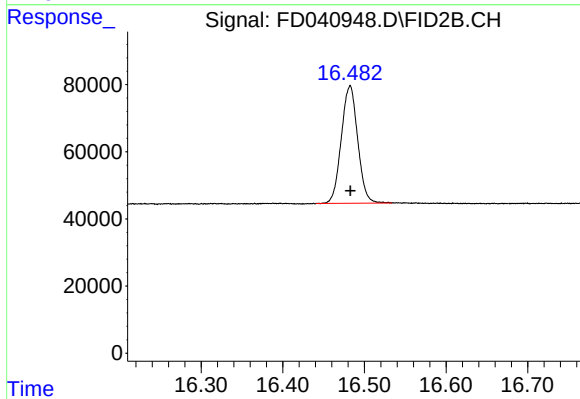
#14 n-Tetracosane (C24)

R.T.: 14.523 min
Delta R.T.: 0.000 min
Response: 499692
Conc: 20.12 ug/ml



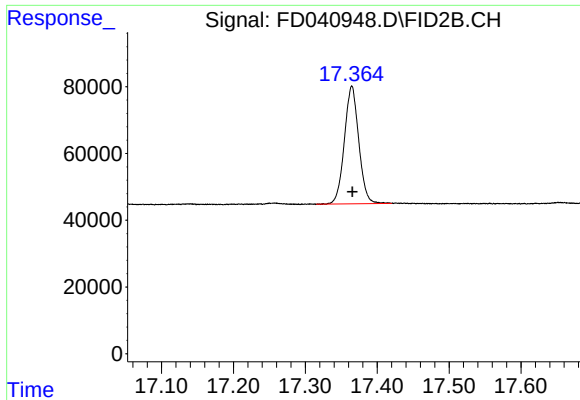
#15 n-Hexacosane (C26)

R.T.: 15.538 min
Delta R.T.: -0.001 min
Response: 488221
Conc: 20.14 ug/ml



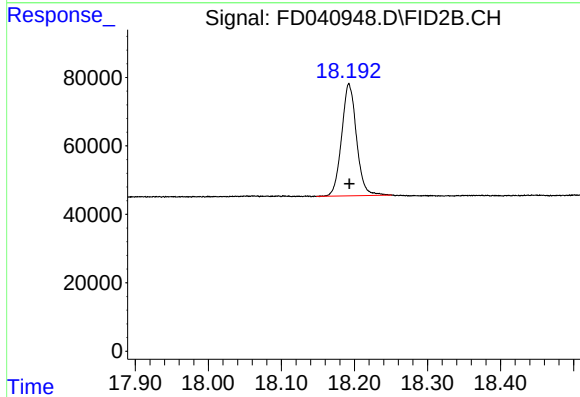
#16 n-Octacosane (C28)

R.T.: 16.482 min
Delta R.T.: 0.000 min
Response: 489144
Conc: 20.31 ug/ml



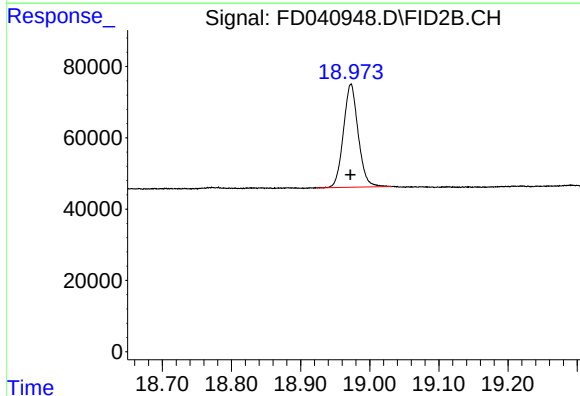
#17 n-Tricontane (C30)

R.T.: 17.365 min
Delta R.T.: 0.000 min
Response: 488616
Conc: 20.51 ug/ml



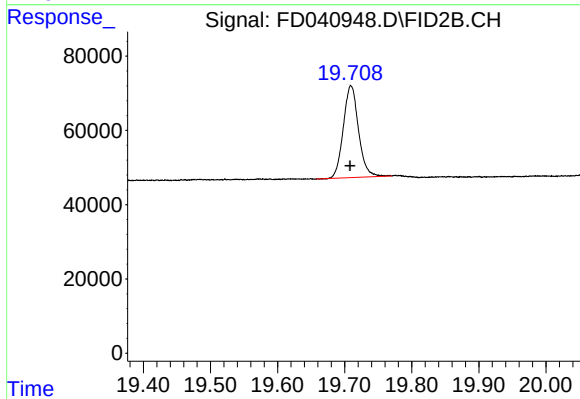
#18 n-Dotriacontane (C32)

R.T.: 18.192 min
Delta R.T.: 0.000 min
Response: 461825
Conc: 20.59 ug/ml



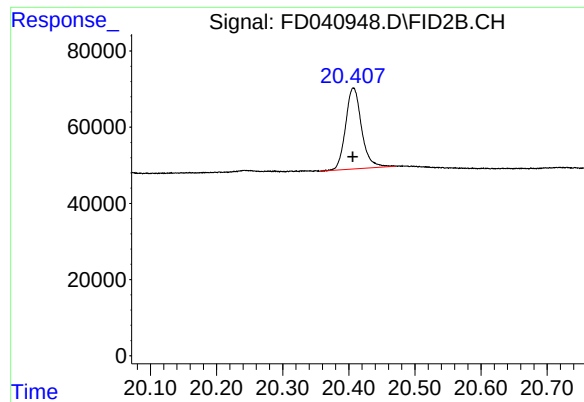
#19 n-Tetratriacontane (C34)

R.T.: 18.973 min
Delta R.T.: 0.000 min
Response: 428771
Conc: 19.90 ug/ml



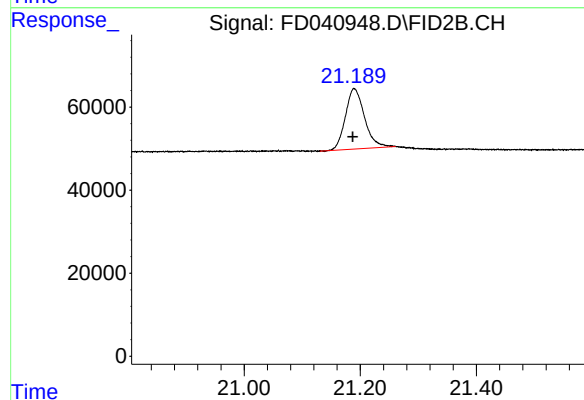
#20 n-Hexatriacontane (C36)

R.T.: 19.709 min
Delta R.T.: 0.001 min
Response: 389277
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.407 min
Delta R.T.: 0.001 min
Response: 356192
Conc: 18.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.189 min
Delta R.T.: 0.002 min
Response: 331099
Conc: 17.11 ug/ml