

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040226.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 20:29
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 02:38:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 2021
 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)	10.720	3284309	21.082 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
12) S 1-chlorooctadecane (S...	12.155	2540540	21.066 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	2.643	2756229	21.003 ug/ml
2) T n-Decane (C10)	3.638	2782053	21.018 ug/ml
3) T A~Naphthalene (C11.7)	5.179	3096011	20.982 ug/ml
4) T n-Dodecane (C12)	5.612	2791134	21.016 ug/ml
5) T A~2-methylnaphthalene...	6.221	3110442	20.961 ug/ml
6) T n-Tetradecane (C14)	7.392	2890496	20.907 ug/ml
7) T n-Hexadecane (C16)	8.980	2882719	21.024 ug/ml
8) T n-Octadecane (C18)	10.413	2975016	21.067 ug/ml
10) T n-Eicosane (C20)	11.715	2959000	21.165 ug/ml
11) T n-Heneicosane (C21)	12.325	2990813	21.139 ug/ml
13) T n-Docosane (C22)	12.908	2967411	21.144 ug/ml
14) T n-Tetracosane (C24)	14.004	2981699	21.236 ug/ml
15) T n-Hexacosane (C26)	15.019	2925027	21.272 ug/ml
16) T n-Octacosane (C28)	15.964	2891335	21.254 ug/ml
17) T n-Tricontane (C30)	16.847	2796911	20.899 ug/ml
18) T n-Dotriacontane (C32)	17.676	2558012	19.761 ug/ml
19) T n-Tetratriacontane (C34)	18.455	2303555	18.999 ug/ml
20) T n-Hexatriacontane (C36)	19.193	2009588	18.857 ug/ml
21) T n-Octatriacontane (C38)	19.898	1733377	18.770 ug/ml
22) T n-Tetracontane (C40)	20.731	1443895	18.544 ug/ml

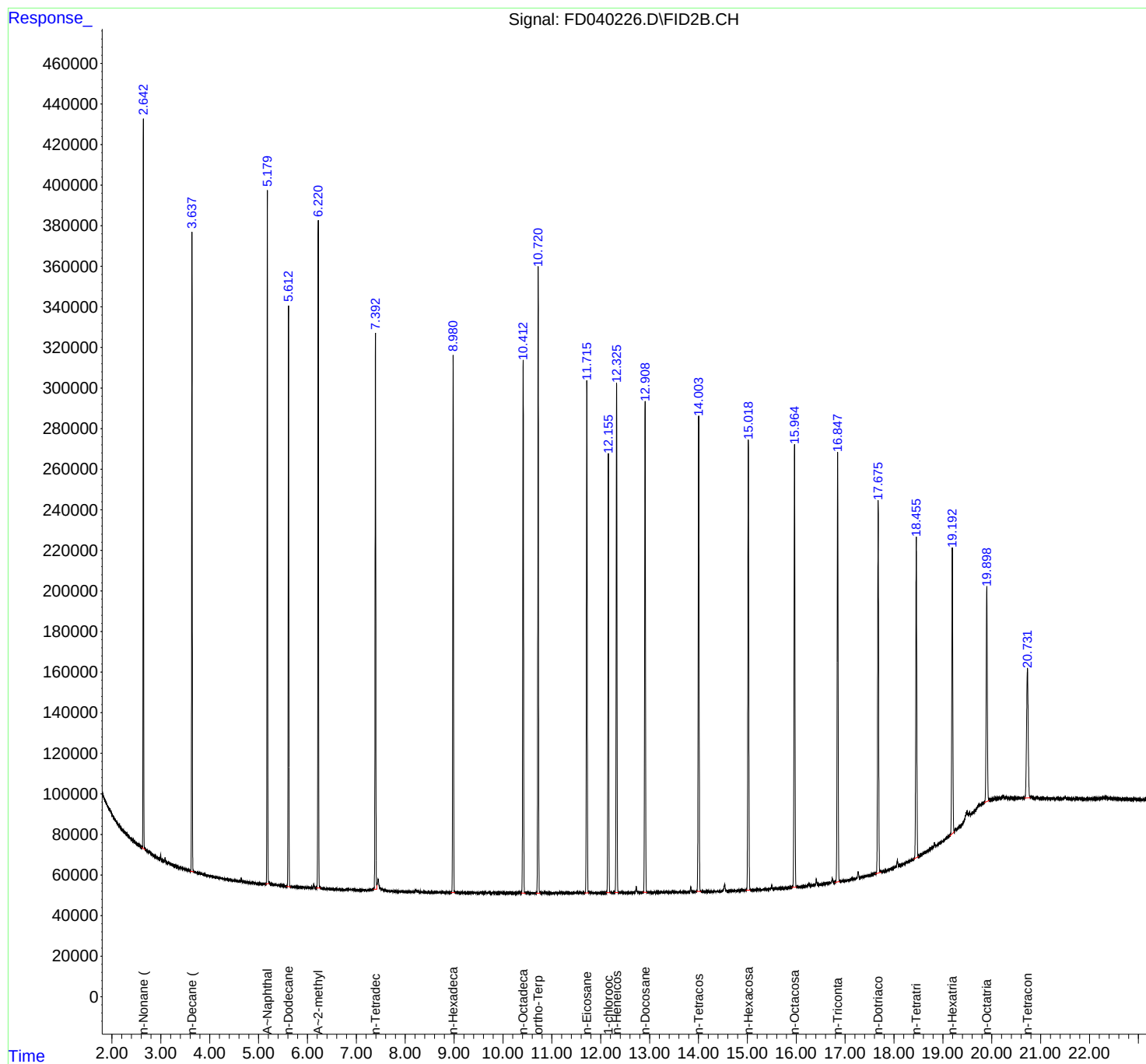
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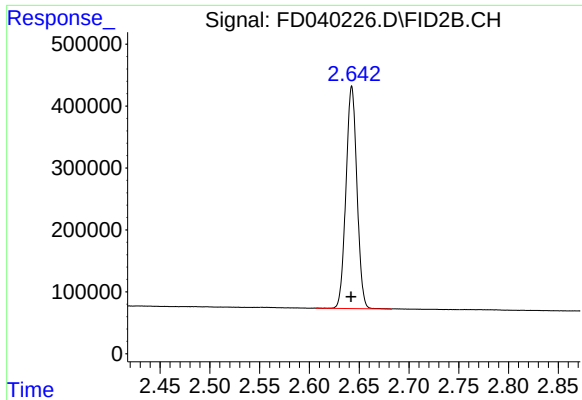
(m)=manual int.

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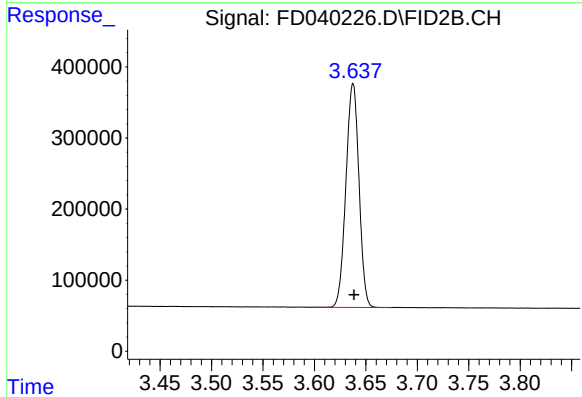
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





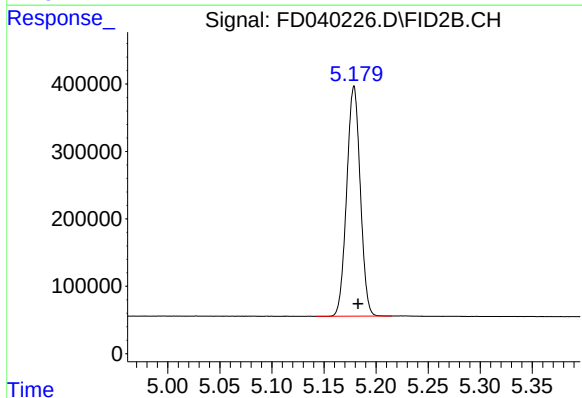
#1 n-Nonane (C9)

R.T.: 2.643 min
Delta R.T.: 0.000 min
Response: 2756229
Conc: 21.00 ug/ml



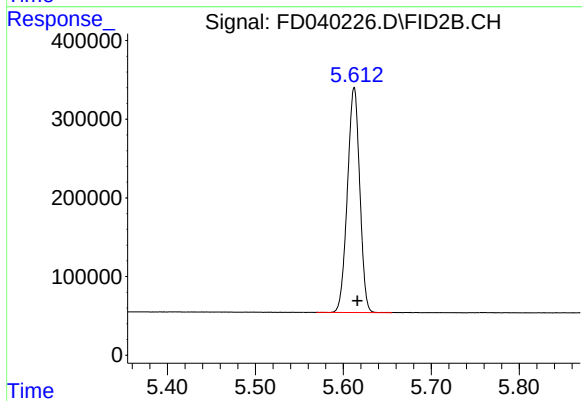
#2 n-Decane (C10)

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 2782053
Conc: 21.02 ug/ml



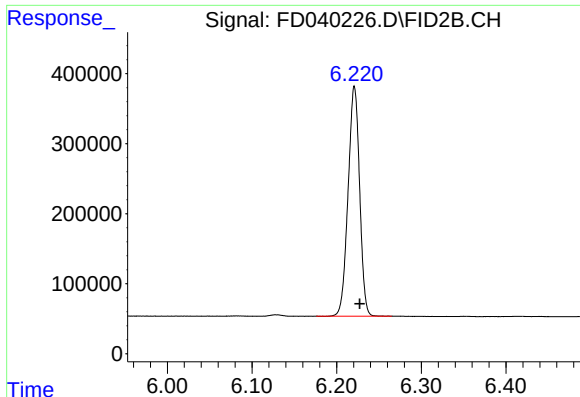
#3 A~Naphthalene (C11.7)

R.T.: 5.179 min
Delta R.T.: -0.004 min
Response: 3096011
Conc: 20.98 ug/ml



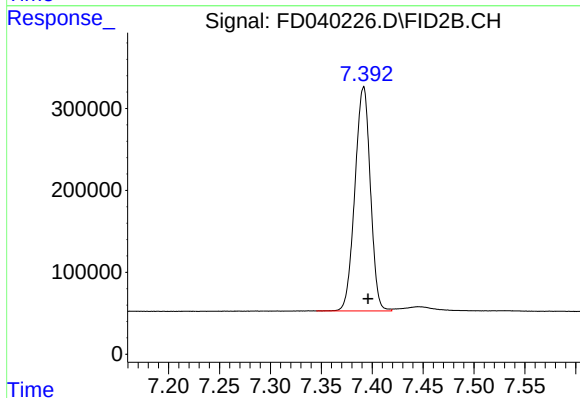
#4 n-Dodecane (C12)

R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 2791134
Conc: 21.02 ug/ml



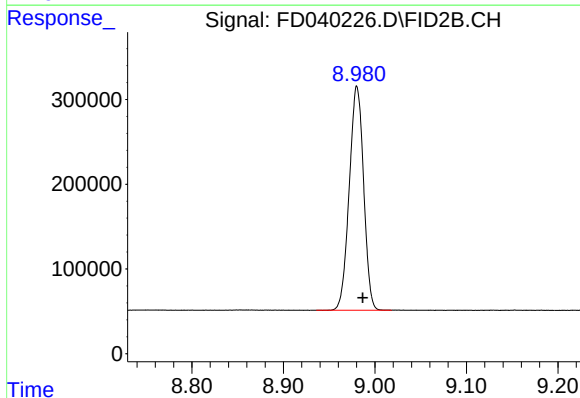
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.221 min
Delta R.T.: -0.006 min
Response: 3110442
Conc: 20.96 ug/ml



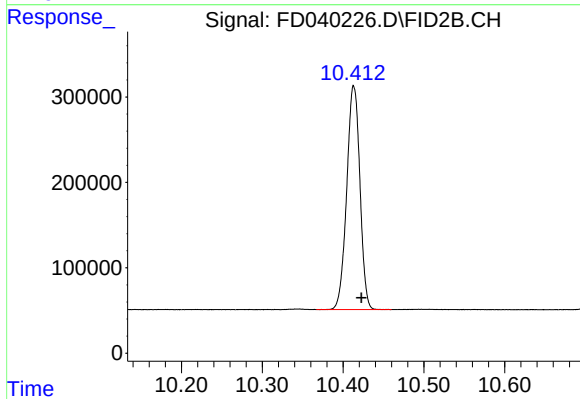
#6 n-Tetradecane (C14)

R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 2890496
Conc: 20.91 ug/ml



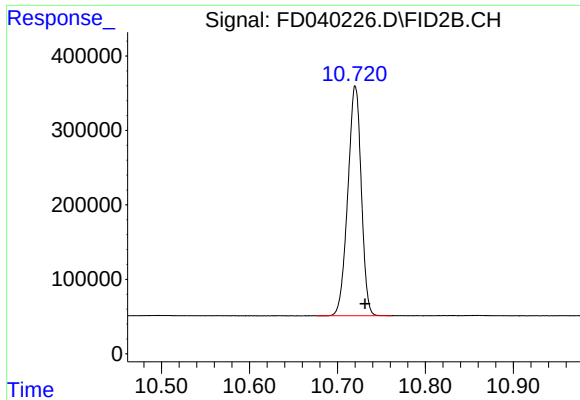
#7 n-Hexadecane (C16)

R.T.: 8.980 min
Delta R.T.: -0.006 min
Response: 2882719
Conc: 21.02 ug/ml



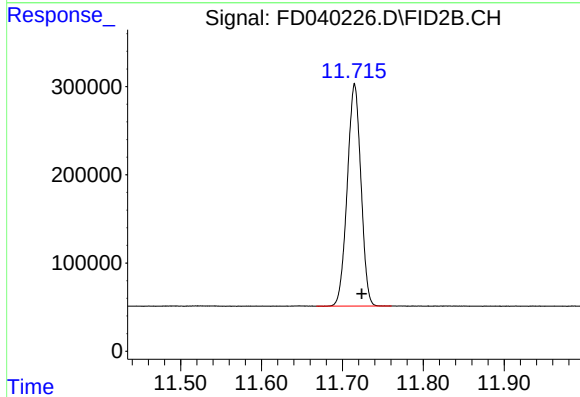
#8 n-Octadecane (C18)

R.T.: 10.413 min
Delta R.T.: -0.010 min
Response: 2975016
Conc: 21.07 ug/ml



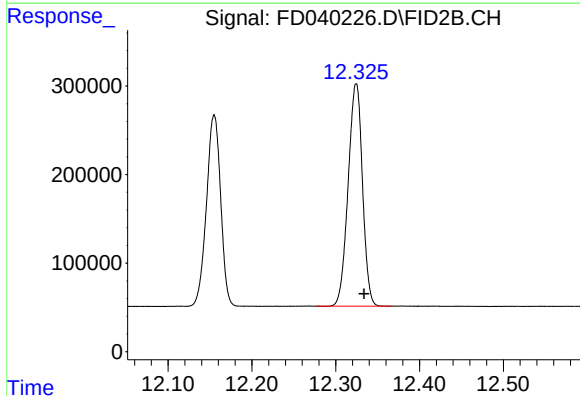
#9 ortho-Terphenyl (SURR)

R.T.: 10.720 min
Delta R.T.: -0.011 min
Response: 3284309
Conc: 21.08 ug/ml



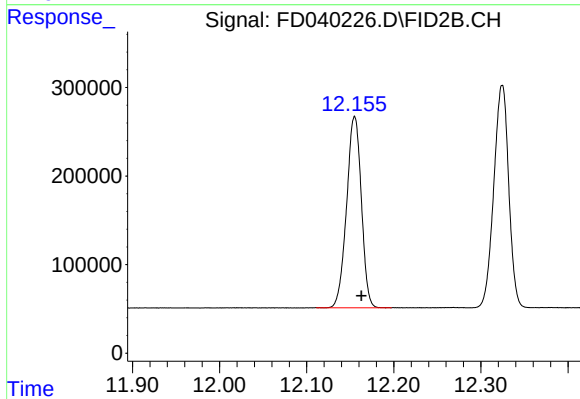
#10 n-Eicosane (C20)

R.T.: 11.715 min
Delta R.T.: -0.009 min
Response: 2959000
Conc: 21.17 ug/ml



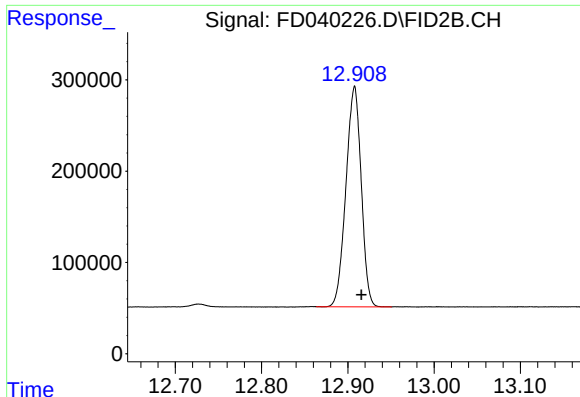
#11 n-Heneicosane (C21)

R.T.: 12.325 min
Delta R.T.: -0.009 min
Response: 2990813
Conc: 21.14 ug/ml



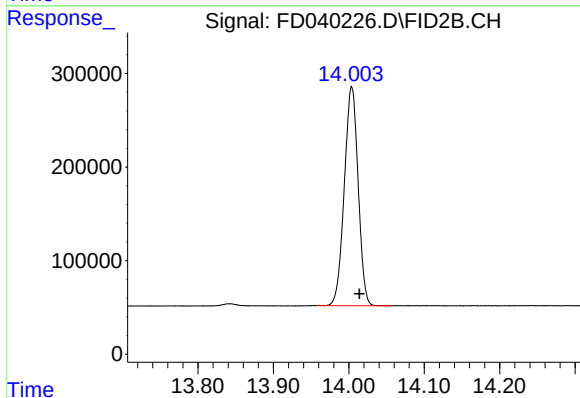
#12 1-chlorooctadecane (SURR)

R.T.: 12.155 min
Delta R.T.: -0.008 min
Response: 2540540
Conc: 21.07 ug/ml



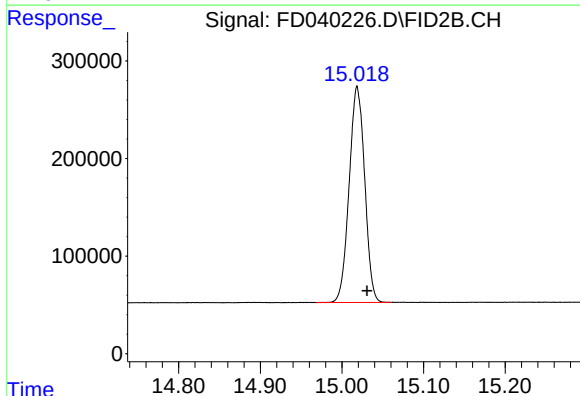
#13 n-Docosane (C22)

R.T.: 12.908 min
Delta R.T.: -0.008 min
Response: 2967411
Conc: 21.14 ug/ml



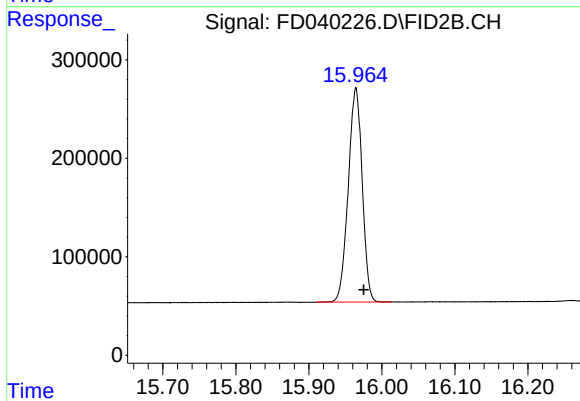
#14 n-Tetracosane (C24)

R.T.: 14.004 min
Delta R.T.: -0.010 min
Response: 2981699
Conc: 21.24 ug/ml



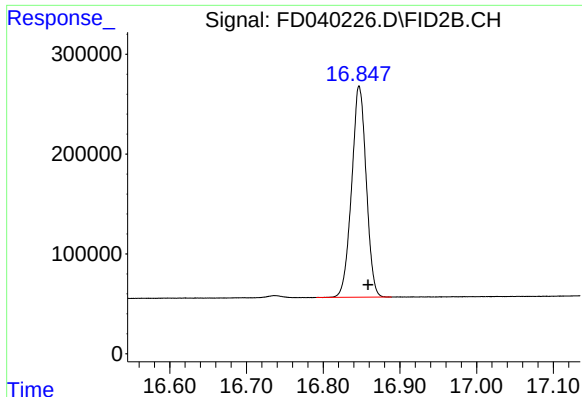
#15 n-Hexacosane (C26)

R.T.: 15.019 min
Delta R.T.: -0.012 min
Response: 2925027
Conc: 21.27 ug/ml



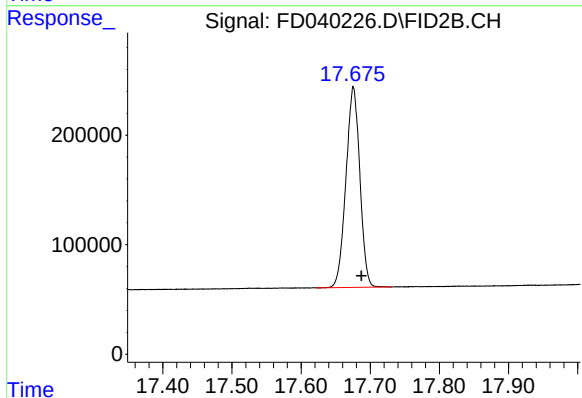
#16 n-Octacosane (C28)

R.T.: 15.964 min
Delta R.T.: -0.011 min
Response: 2891335
Conc: 21.25 ug/ml



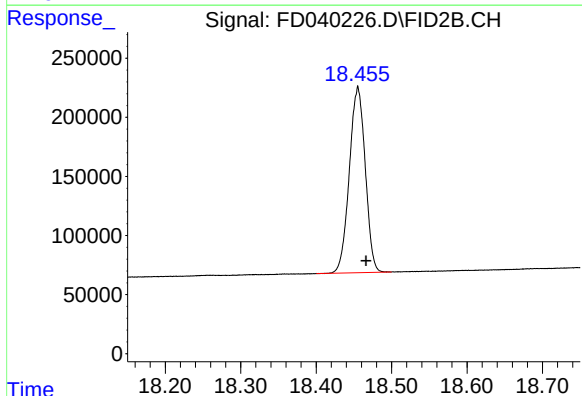
#17 n-Tricontane (C30)

R.T.: 16.847 min
Delta R.T.: -0.012 min
Response: 2796911
Conc: 20.90 ug/ml



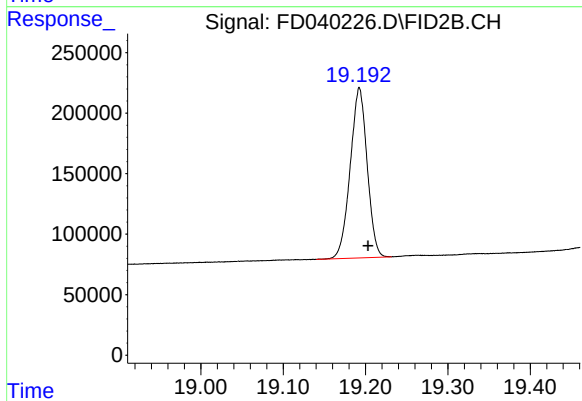
#18 n-Dotriacontane (C32)

R.T.: 17.676 min
Delta R.T.: -0.012 min
Response: 2558012
Conc: 19.76 ug/ml



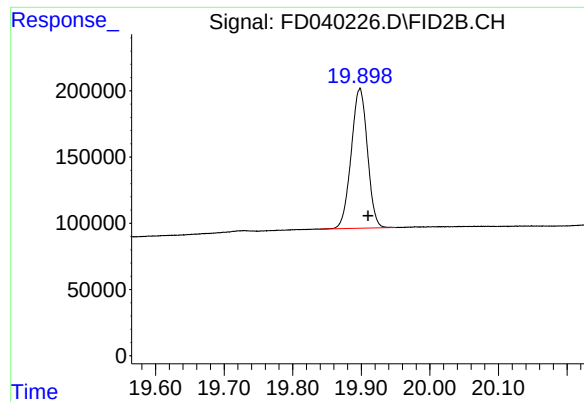
#19 n-Tetratriacontane (C34)

R.T.: 18.455 min
Delta R.T.: -0.011 min
Response: 2303555
Conc: 19.00 ug/ml



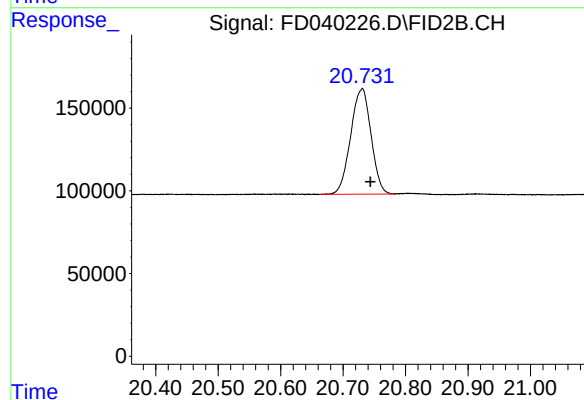
#20 n-Hexatriacontane (C36)

R.T.: 19.193 min
Delta R.T.: -0.011 min
Response: 2009588
Conc: 18.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.898 min
Delta R.T.: -0.012 min
Response: 1733377
Conc: 18.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.731 min
Delta R.T.: -0.013 min
Response: 1443895
Conc: 18.54 ug/ml