

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040246.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 7:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 08:01:40 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)	10.718	3161381	20.293 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
12) S 1-chlorooctadecane (S...	12.152	2426346	20.119 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	2.642	2827821	21.549 ug/ml
2) T n-Decane (C10)	3.636	2856267	21.578 ug/ml
3) T A~Naphthalene (C11.7)	5.177	3142465	21.297 ug/ml
4) T n-Dodecane (C12)	5.610	2864419	21.568 ug/ml
5) T A~2-methylnaphthalene...	6.220	3149057	21.222 ug/ml
6) T n-Tetradecane (C14)	7.388	2907866	21.033 ug/ml
7) T n-Hexadecane (C16)	8.978	2901625	21.162 ug/ml
8) T n-Octadecane (C18)	10.410	2936858	20.797 ug/ml
10) T n-Eicosane (C20)	11.713	2854724	20.419 ug/ml
11) T n-Heneicosane (C21)	12.321	2850526	20.147 ug/ml
13) T n-Docosane (C22)	12.905	2810010	20.023 ug/ml
14) T n-Tetracosane (C24)	14.002	2727475	19.426 ug/ml
15) T n-Hexacosane (C26)	15.017	2615126	19.018 ug/ml
16) T n-Octacosane (C28)	15.963	2523740	18.552 ug/ml
17) T n-Tricontane (C30)	16.844	2416038	18.053 ug/ml
18) T n-Dotriacontane (C32)	17.673	2253028	17.405 ug/ml
19) T n-Tetratriacontane (C34)	18.455	2093653	17.268 ug/mlm
20) T n-Hexatriacontane (C36)	19.190	1946505	18.265 ug/ml
21) T n-Octatriacontane (C38)	19.896	1851203	20.046 ug/ml
22) T n-Tetracontane (C40)	20.726	1850442	23.765 ug/ml

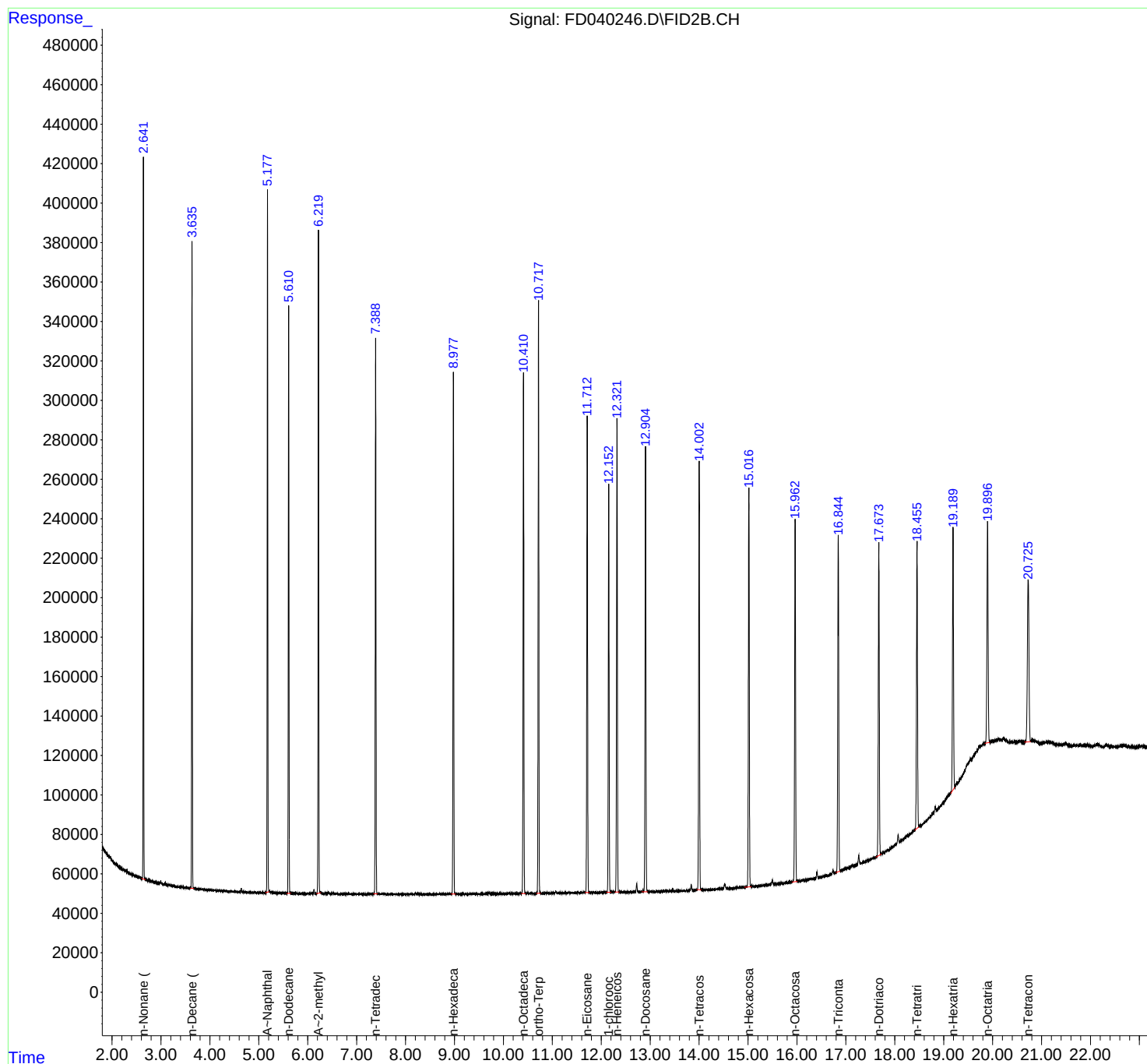
(f)=RT Delta > 1/2 Window

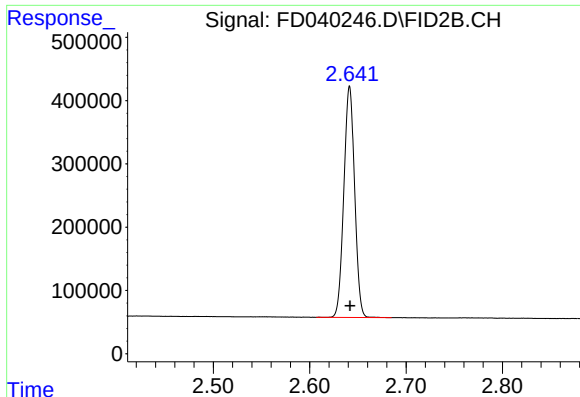
(m)=manual int.

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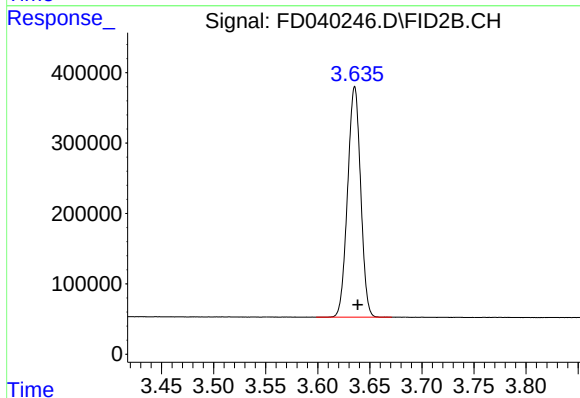
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Signal Info : 20M x 0.18mm x 0.18um





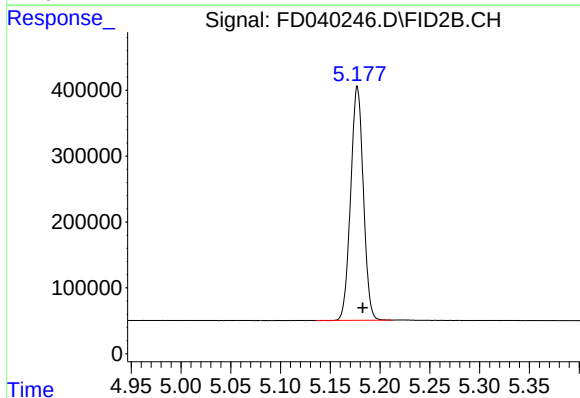
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.000 min
Response: 2827821
Conc: 21.55 ug/ml



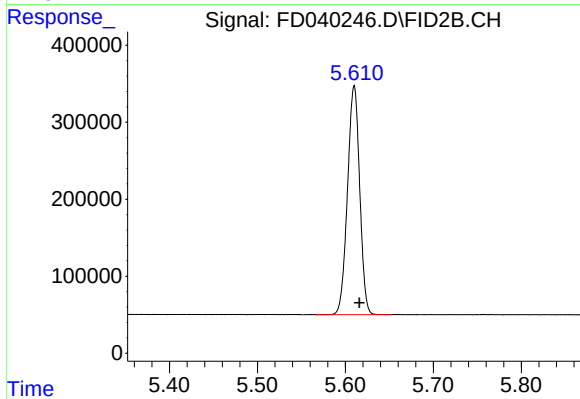
#2 n-Decane (C10)

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 2856267
Conc: 21.58 ug/ml



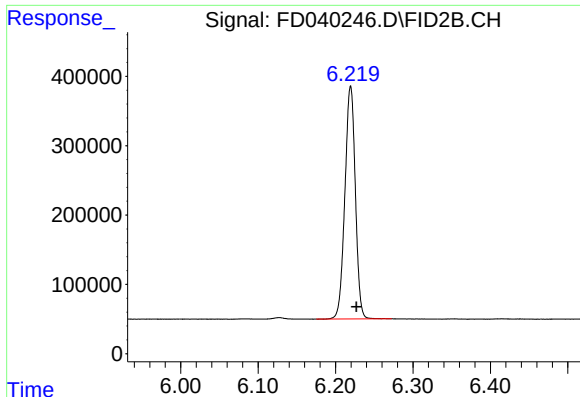
#3 A~Naphthalene (C11.7)

R.T.: 5.177 min
Delta R.T.: -0.005 min
Response: 3142465
Conc: 21.30 ug/ml



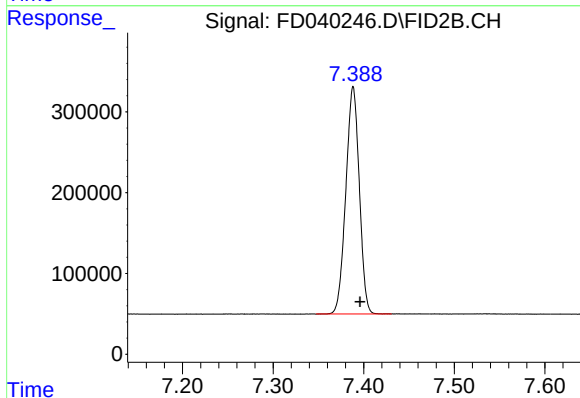
#4 n-Dodecane (C12)

R.T.: 5.610 min
Delta R.T.: -0.006 min
Response: 2864419
Conc: 21.57 ug/ml



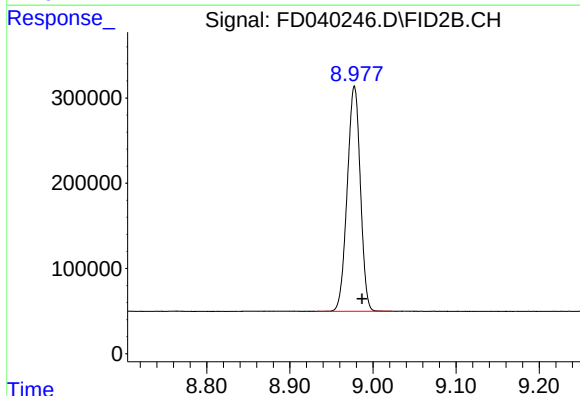
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 3149057
Conc: 21.22 ug/ml



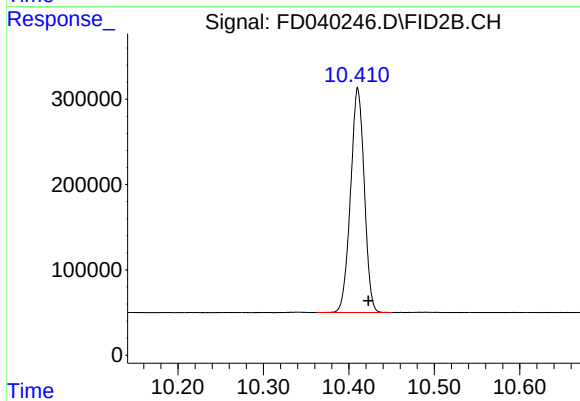
#6 n-Tetradecane (C14)

R.T.: 7.388 min
Delta R.T.: -0.007 min
Response: 2907866
Conc: 21.03 ug/ml



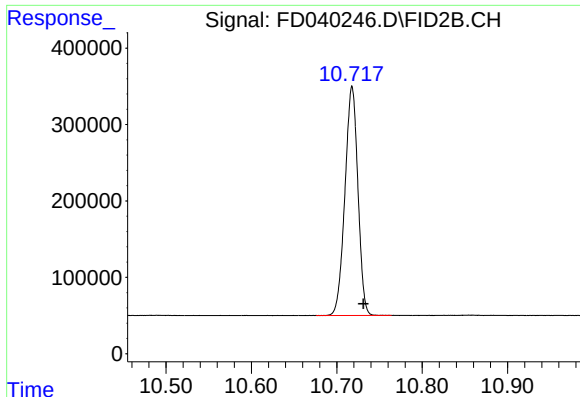
#7 n-Hexadecane (C16)

R.T.: 8.978 min
Delta R.T.: -0.009 min
Response: 2901625
Conc: 21.16 ug/ml



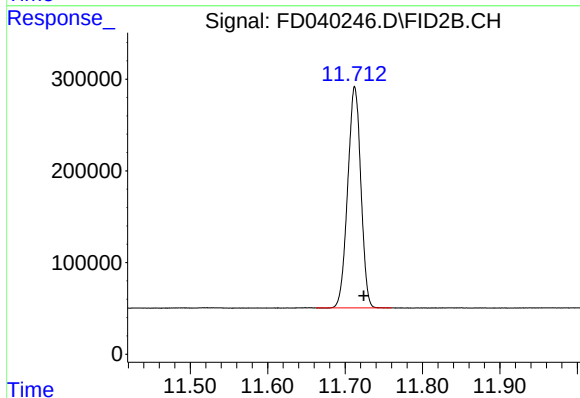
#8 n-Octadecane (C18)

R.T.: 10.410 min
Delta R.T.: -0.012 min
Response: 2936858
Conc: 20.80 ug/ml



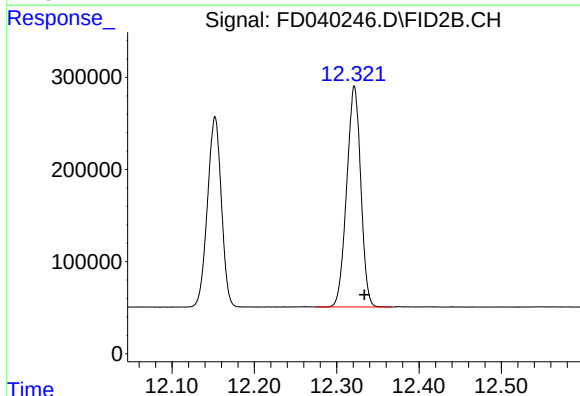
#9 ortho-Terphenyl (SURR)

R.T.: 10.718 min
Delta R.T.: -0.013 min
Response: 3161381
Conc: 20.29 ug/ml



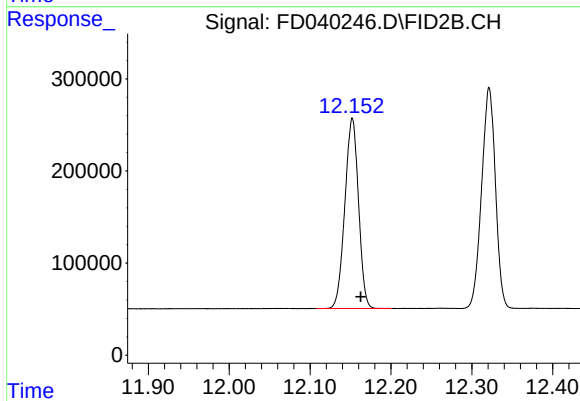
#10 n-Eicosane (C20)

R.T.: 11.713 min
Delta R.T.: -0.012 min
Response: 2854724
Conc: 20.42 ug/ml



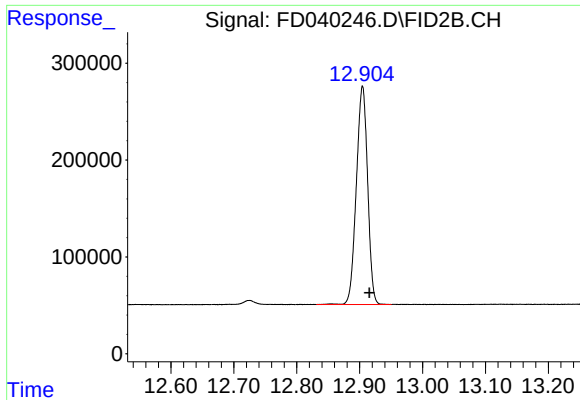
#11 n-Heneicosane (C21)

R.T.: 12.321 min
Delta R.T.: -0.012 min
Response: 2850526
Conc: 20.15 ug/ml



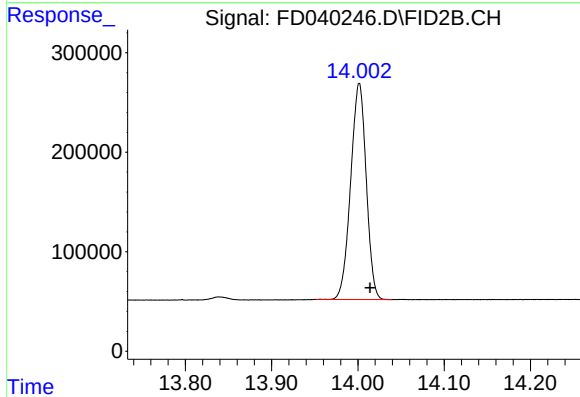
#12 1-chlorooctadecane (SURR)

R.T.: 12.152 min
Delta R.T.: -0.010 min
Response: 2426346
Conc: 20.12 ug/ml



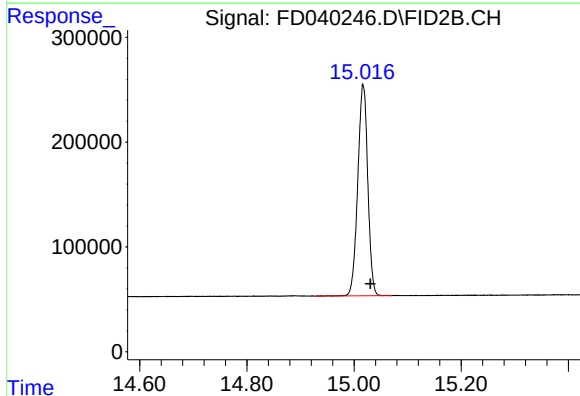
#13 n-Docosane (C22)

R.T.: 12.905 min
Delta R.T.: -0.011 min
Response: 2810010
Conc: 20.02 ug/ml



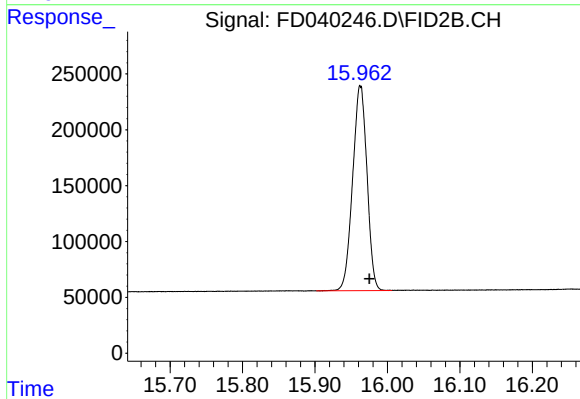
#14 n-Tetracosane (C24)

R.T.: 14.002 min
Delta R.T.: -0.012 min
Response: 2727475
Conc: 19.43 ug/ml



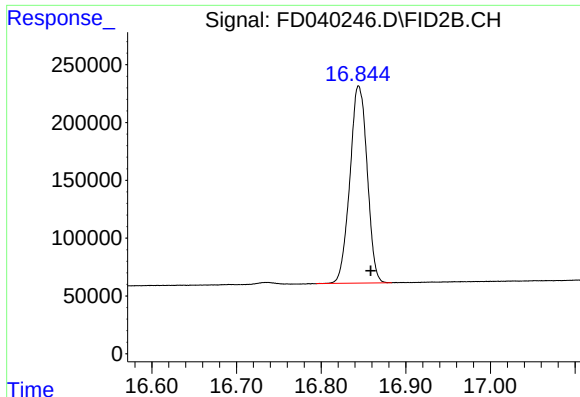
#15 n-Hexacosane (C26)

R.T.: 15.017 min
Delta R.T.: -0.014 min
Response: 2615126
Conc: 19.02 ug/ml



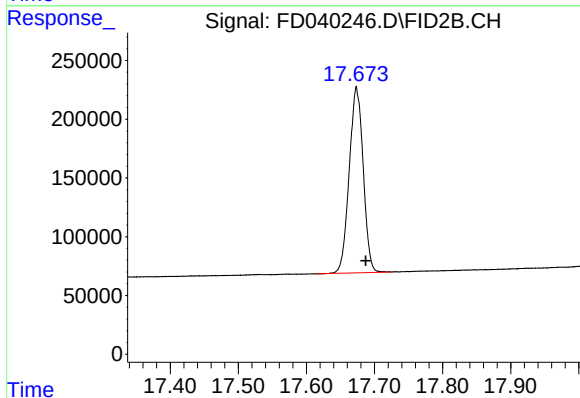
#16 n-Octacosane (C28)

R.T.: 15.963 min
Delta R.T.: -0.012 min
Response: 2523740
Conc: 18.55 ug/ml



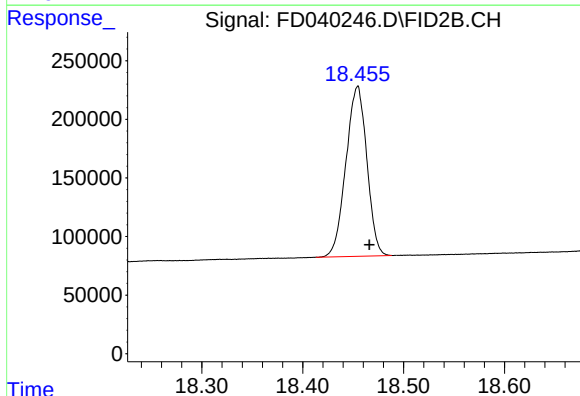
#17 n-Tricontane (C30)

R.T.: 16.844 min
Delta R.T.: -0.014 min
Response: 2416038
Conc: 18.05 ug/ml



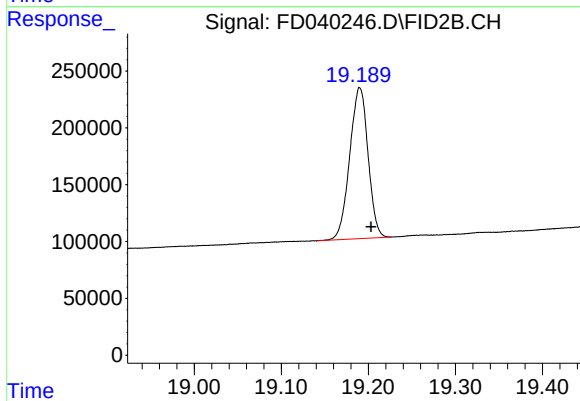
#18 n-Dotriacontane (C32)

R.T.: 17.673 min
Delta R.T.: -0.014 min
Response: 2253028
Conc: 17.41 ug/ml



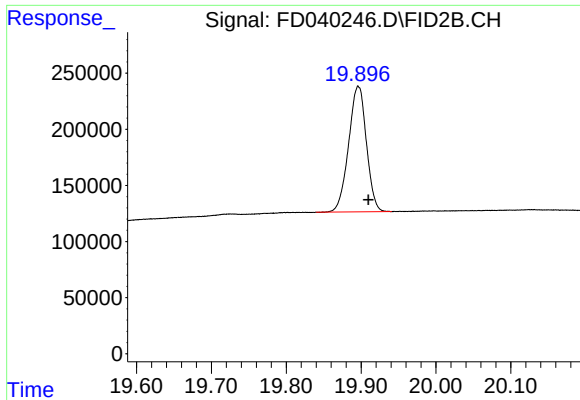
#19 n-Tetratriacontane (C34)

R.T.: 18.455 min
Delta R.T.: -0.012 min
Response: 2093653
Conc: 17.27 ug/ml m



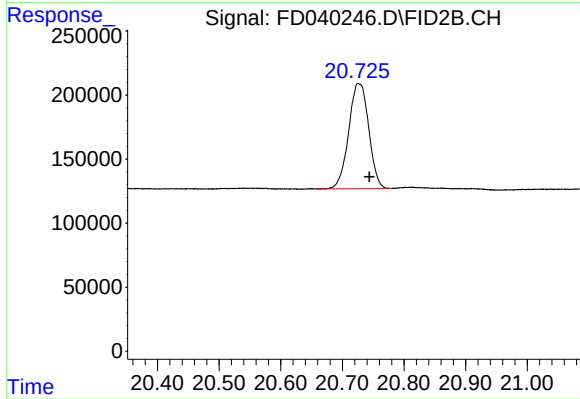
#20 n-Hexatriacontane (C36)

R.T.: 19.190 min
Delta R.T.: -0.013 min
Response: 1946505
Conc: 18.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.896 min
Delta R.T.: -0.013 min
Response: 1851203
Conc: 20.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.726 min
Delta R.T.: -0.018 min
Response: 1850442
Conc: 23.76 ug/ml