

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040126.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 13:43
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 14:08:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.726	3176164	21.075 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
12) S 1-chlorooctadecane (S...	12.162	2498729	21.163 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
Target Compounds			
1) T n-Nonane (C9)	2.644	2788224	21.225 ug/ml
2) T n-Decane (C10)	3.640	2797350	21.136 ug/ml
3) T A~Naphthalene (C11.7)	5.181	3145467	21.145 ug/ml
4) T n-Dodecane (C12)	5.615	2774982	21.106 ug/ml
5) T A~2-methylnaphthalene...	6.223	3147087	21.125 ug/ml
6) T n-Tetradecane (C14)	7.395	2778336	21.088 ug/ml
7) T n-Hexadecane (C16)	8.986	2815438	21.131 ug/ml
8) T n-Octadecane (C18)	10.420	2944955	21.157 ug/ml
10) T n-Eicosane (C20)	11.722	2976675	21.246 ug/ml
11) T n-Heneicosane (C21)	12.331	3004969	21.150 ug/ml
13) T n-Docosane (C22)	12.915	3026639	21.368 ug/ml
14) T n-Tetracosane (C24)	14.012	3104259	21.768 ug/ml
15) T n-Hexacosane (C26)	15.028	2966356	21.839 ug/ml
16) T n-Octacosane (C28)	15.973	2794896	21.769 ug/ml
17) T n-Tricontane (C30)	16.858	2576058	21.450 ug/ml
18) T n-Dotriacontane (C32)	17.686	2378540	21.106 ug/ml
19) T n-Tetratriacontane (C34)	18.468	2322506	21.247 ug/ml
20) T n-Hexatriacontane (C36)	19.205	2211619	21.587 ug/ml
21) T n-Octatriacontane (C38)	19.915	2076764	21.657 ug/ml
22) T n-Tetracontane (C40)	20.753	1745675	22.454 ug/ml

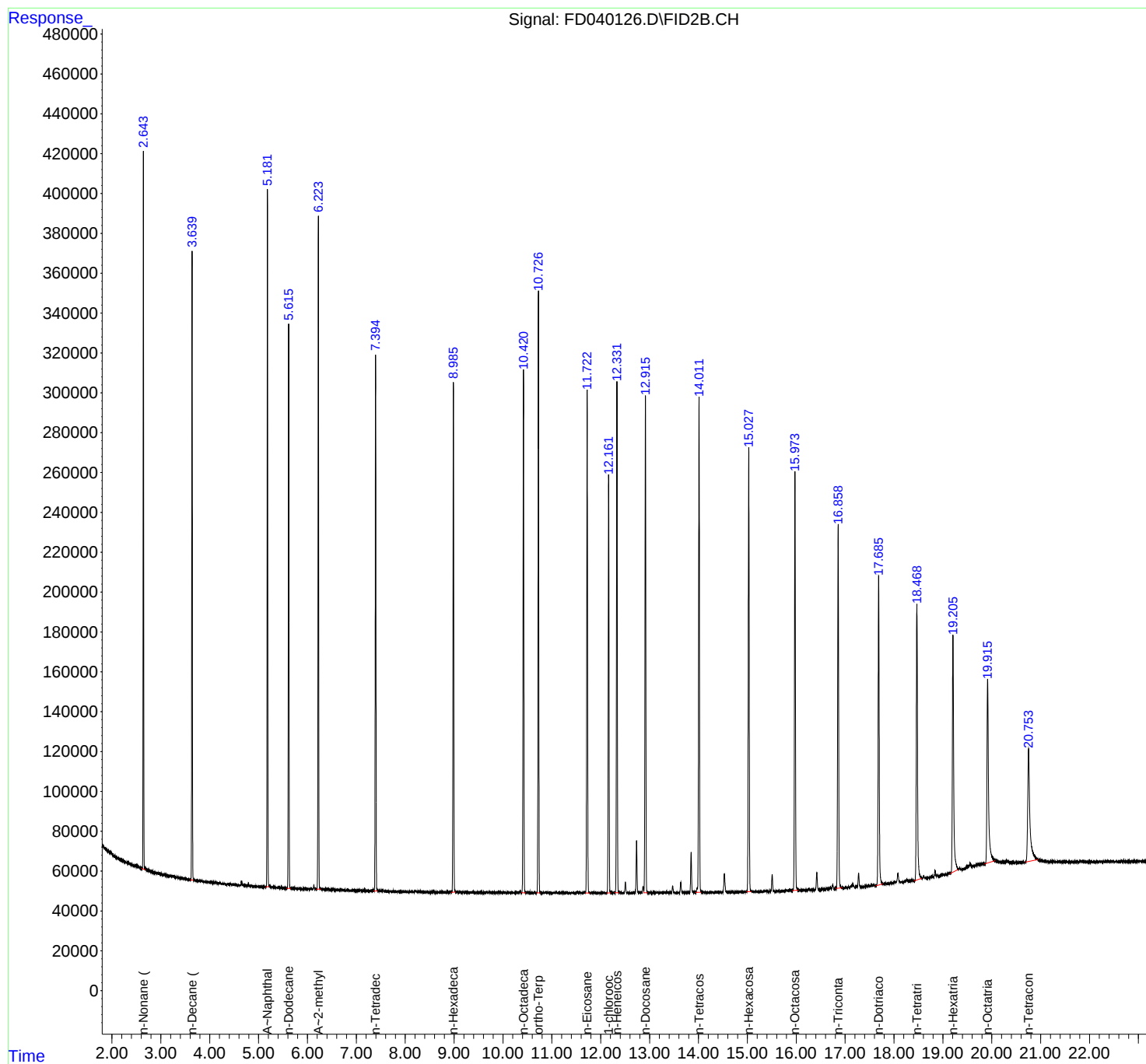
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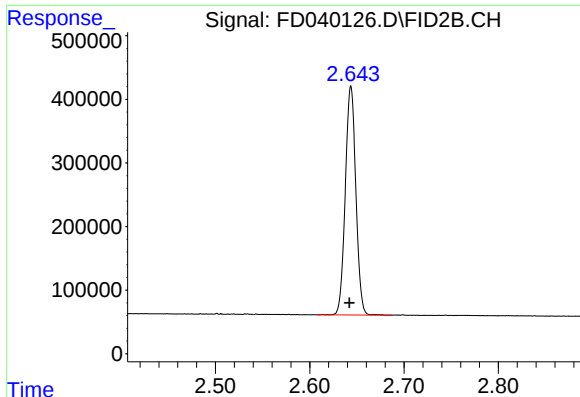
(m)=manual int.

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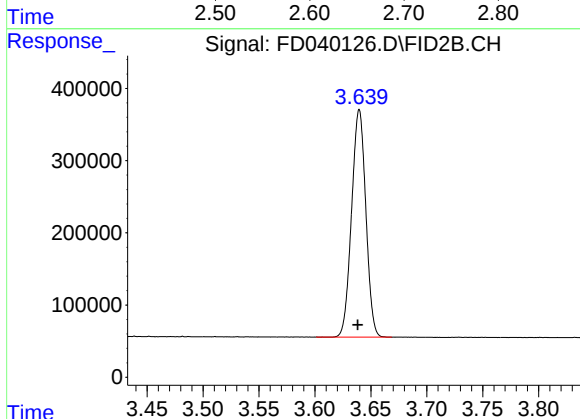
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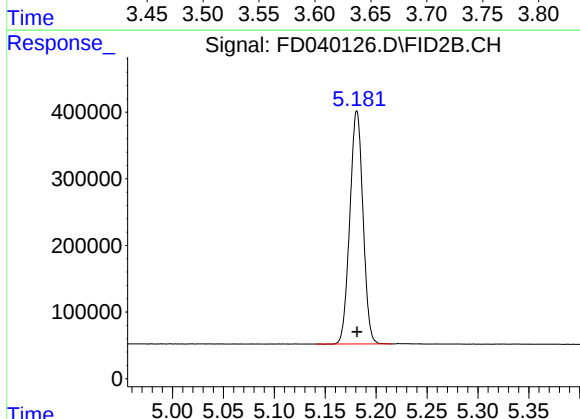
#1 n-Nonane (C9)

R.T.: 2.644 min
Delta R.T.: 0.002 min
Response: 2788224
Conc: 21.23 ug/ml



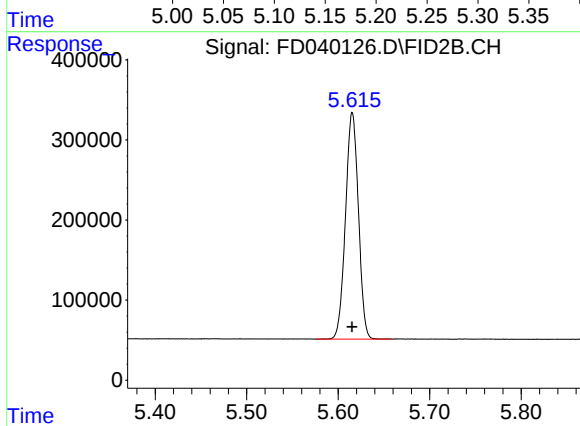
#2 n-Decane (C10)

R.T.: 3.640 min
Delta R.T.: 0.001 min
Response: 2797350
Conc: 21.14 ug/ml



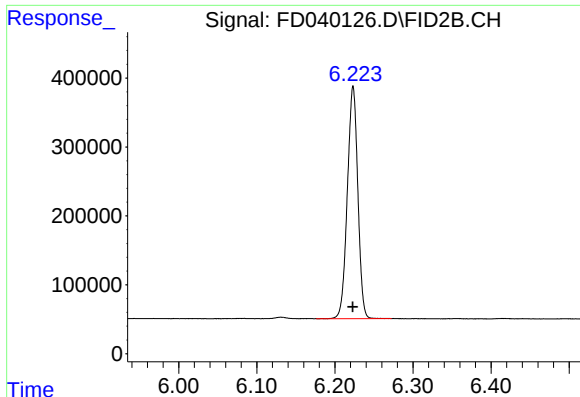
#3 A~Naphthalene (C11.7)

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 3145467
Conc: 21.15 ug/ml



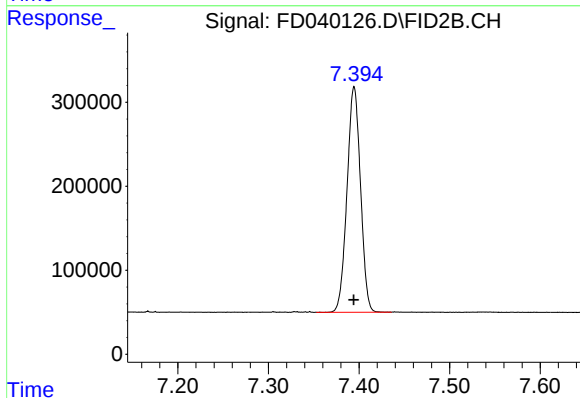
#4 n-Dodecane (C12)

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 2774982
Conc: 21.11 ug/ml



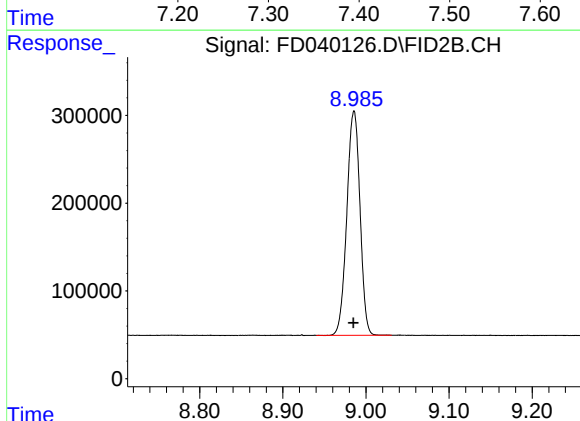
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 3147087
Conc: 21.13 ug/ml



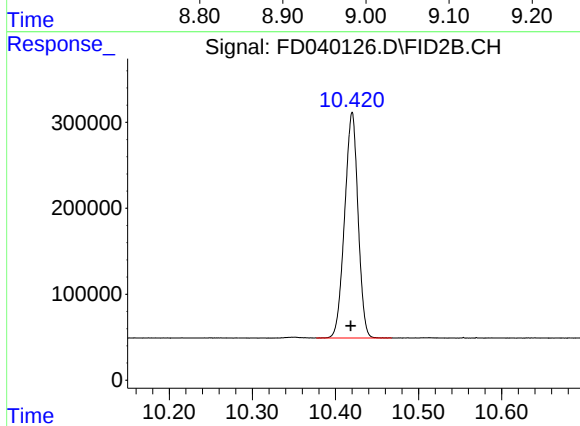
#6 n-Tetradecane (C14)

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 2778336
Conc: 21.09 ug/ml



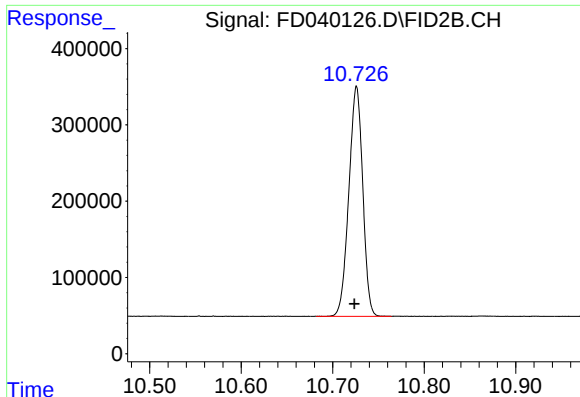
#7 n-Hexadecane (C16)

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 2815438
Conc: 21.13 ug/ml



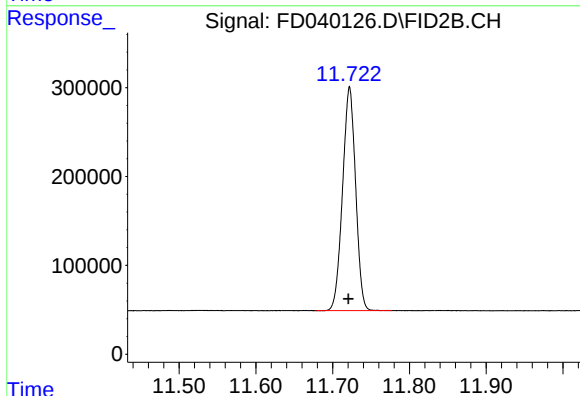
#8 n-Octadecane (C18)

R.T.: 10.420 min
Delta R.T.: 0.002 min
Response: 2944955
Conc: 21.16 ug/ml



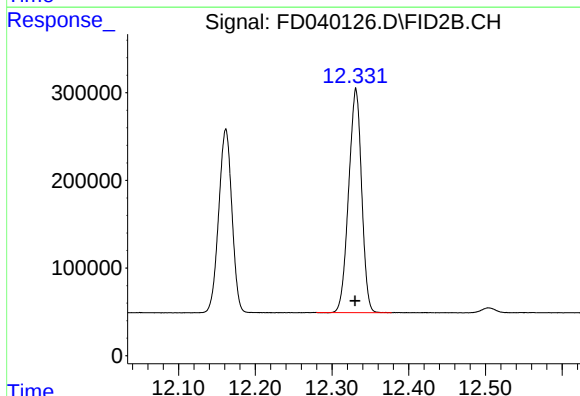
#9 ortho-Terphenyl (SURR)

R.T.: 10.726 min
Delta R.T.: 0.002 min
Response: 3176164
Conc: 21.07 ug/ml



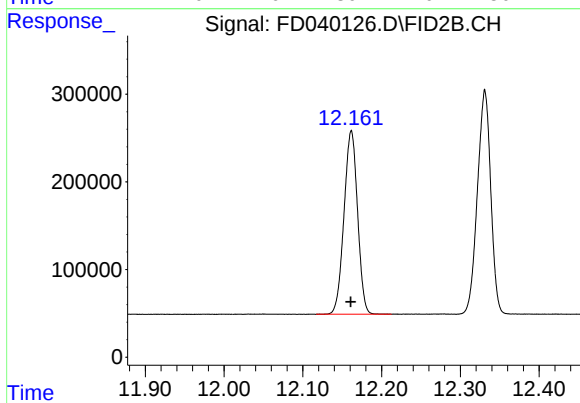
#10 n-Eicosane (C20)

R.T.: 11.722 min
Delta R.T.: 0.002 min
Response: 2976675
Conc: 21.25 ug/ml



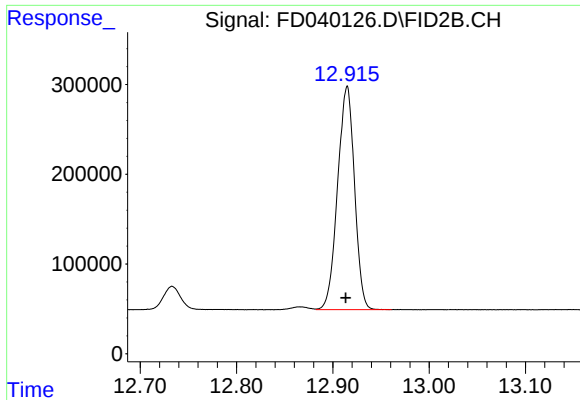
#11 n-Heneicosane (C21)

R.T.: 12.331 min
Delta R.T.: 0.000 min
Response: 3004969
Conc: 21.15 ug/ml



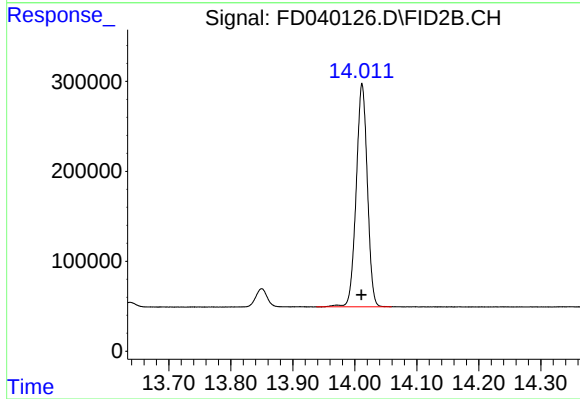
#12 1-chlorooctadecane (SURR)

R.T.: 12.162 min
Delta R.T.: 0.000 min
Response: 2498729
Conc: 21.16 ug/ml



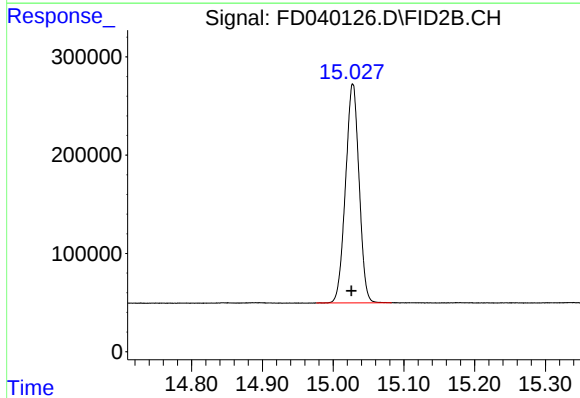
#13 n-Docosane (C22)

R.T.: 12.915 min
Delta R.T.: 0.002 min
Response: 3026639
Conc: 21.37 ug/ml



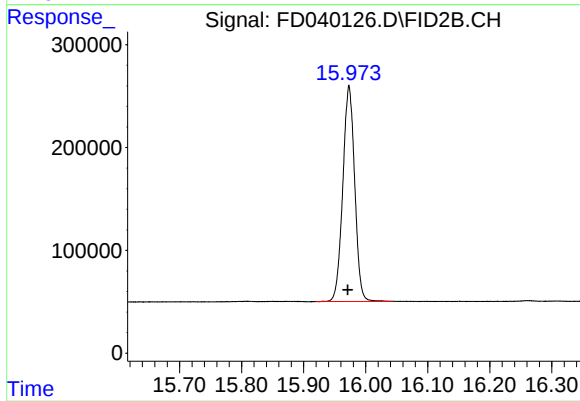
#14 n-Tetracosane (C24)

R.T.: 14.012 min
Delta R.T.: 0.001 min
Response: 3104259
Conc: 21.77 ug/ml



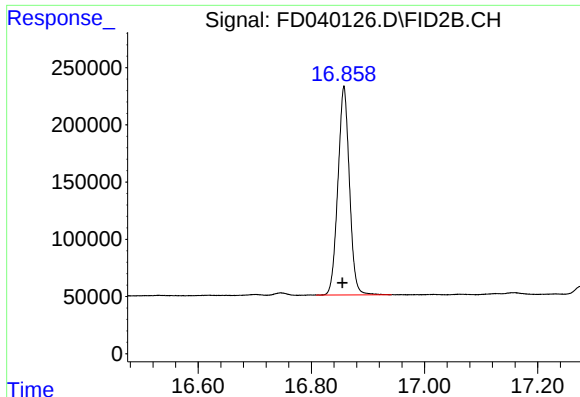
#15 n-Hexacosane (C26)

R.T.: 15.028 min
Delta R.T.: 0.002 min
Response: 2966356
Conc: 21.84 ug/ml



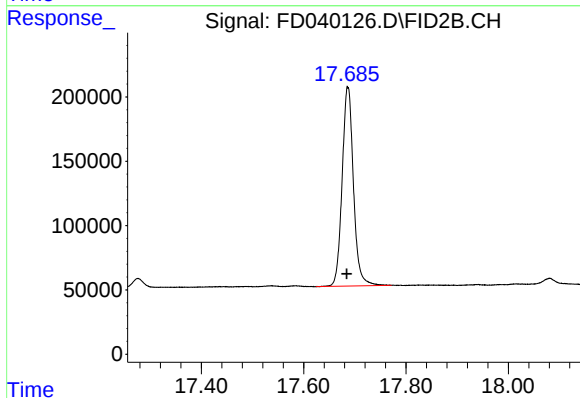
#16 n-Octacosane (C28)

R.T.: 15.973 min
Delta R.T.: 0.002 min
Response: 2794896
Conc: 21.77 ug/ml



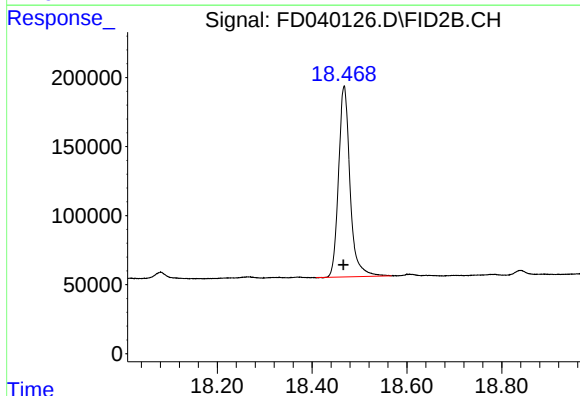
#17 n-Tricontane (C30)

R.T.: 16.858 min
Delta R.T.: 0.003 min
Response: 2576058
Conc: 21.45 ug/ml



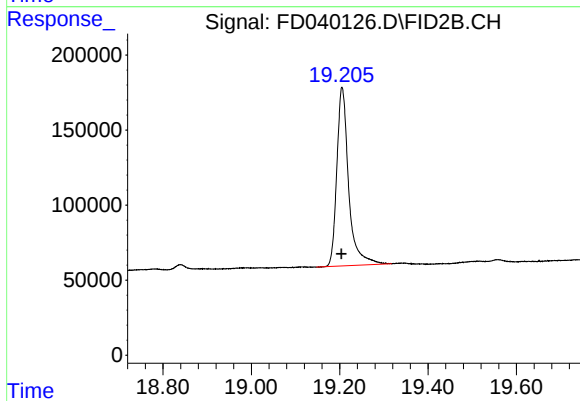
#18 n-Dotriacontane (C32)

R.T.: 17.686 min
Delta R.T.: 0.002 min
Response: 2378540
Conc: 21.11 ug/ml



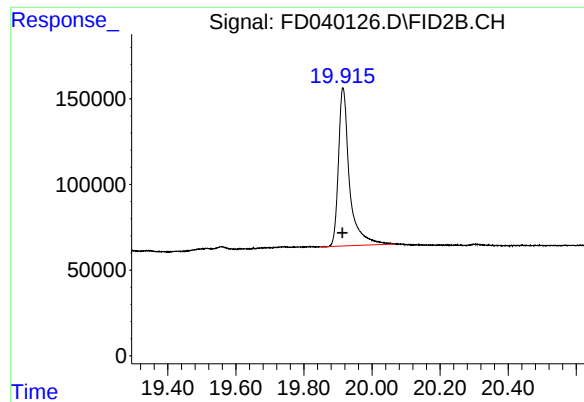
#19 n-Tetratriacontane (C34)

R.T.: 18.468 min
Delta R.T.: 0.002 min
Response: 2322506
Conc: 21.25 ug/ml



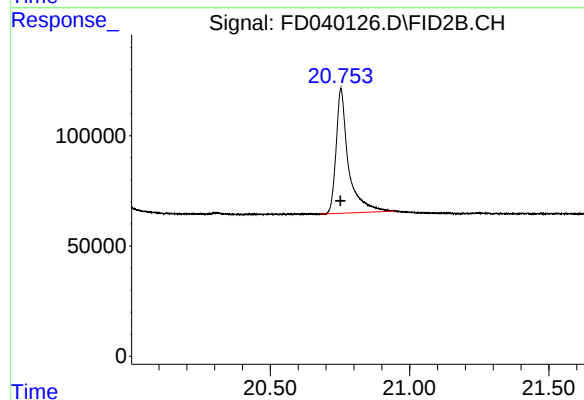
#20 n-Hexatriacontane (C36)

R.T.: 19.205 min
Delta R.T.: 0.001 min
Response: 2211619
Conc: 21.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.915 min
Delta R.T.: 0.002 min
Response: 2076764
Conc: 21.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.753 min
Delta R.T.: 0.002 min
Response: 1745675
Conc: 22.45 ug/ml