

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040148.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2021 2:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 03:15:58 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)	10.727	3262895	21.650 ug/ml
Spiked Amount 50.000		Recovery =	43.30%
12) S 1-chlorooctadecane (S...	12.163	2559434	21.677 ug/ml
Spiked Amount 50.000		Recovery =	43.35%
Target Compounds			
1) T n-Nonane (C9)	2.644	2752059	20.950 ug/ml
2) T n-Decane (C10)	3.640	2781911	21.020 ug/ml
3) T A~Naphthalene (C11.7)	5.183	3168019	21.297 ug/ml
4) T n-Dodecane (C12)	5.617	2802152	21.312 ug/ml
5) T A~2-methylnaphthalene...	6.226	3216467	21.591 ug/ml
6) T n-Tetradecane (C14)	7.397	2866650	21.759 ug/ml
7) T n-Hexadecane (C16)	8.988	2932504	22.010 ug/ml
8) T n-Octadecane (C18)	10.421	3050535	21.915 ug/ml
10) T n-Eicosane (C20)	11.723	3046813	21.747 ug/ml
11) T n-Heneicosane (C21)	12.332	3051860	21.480 ug/ml
13) T n-Docosane (C22)	12.915	3050261	21.535 ug/ml
14) T n-Tetracosane (C24)	14.013	3106296	21.783 ug/ml
15) T n-Hexacosane (C26)	15.029	2976458	21.913 ug/ml
16) T n-Octacosane (C28)	15.974	2865263	22.318 ug/ml
17) T n-Tricontane (C30)	16.857	2734329	22.768 ug/ml
18) T n-Dotriacontane (C32)	17.686	2512754	22.297 ug/ml
19) T n-Tetratriacontane (C34)	18.467	2411837	22.064 ug/ml
20) T n-Hexatriacontane (C36)	19.206	2214646	21.617 ug/ml
21) T n-Octatriacontane (C38)	19.913	2139185	22.308 ug/ml
22) T n-Tetracontane (C40)	20.749	1994036	25.649 ug/mlm

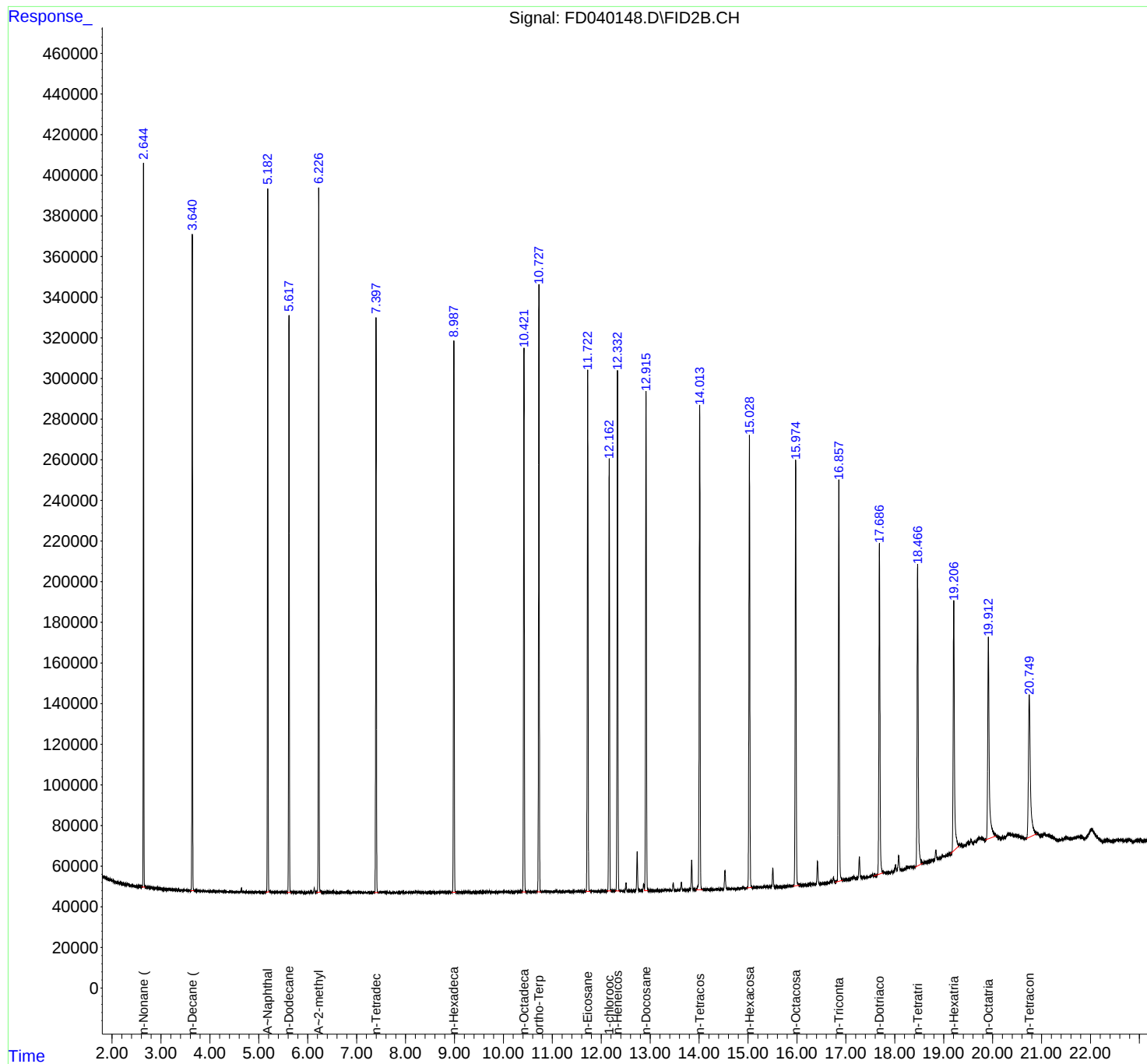
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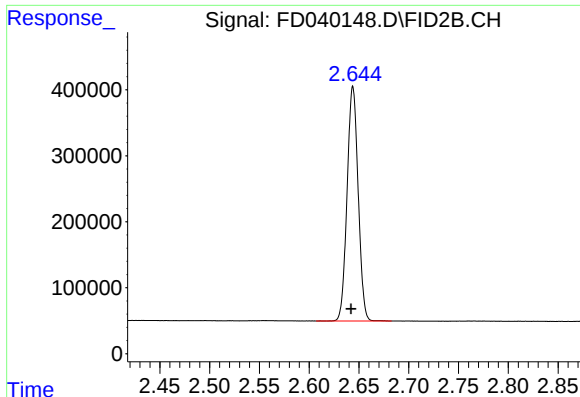
(m)=manual int.

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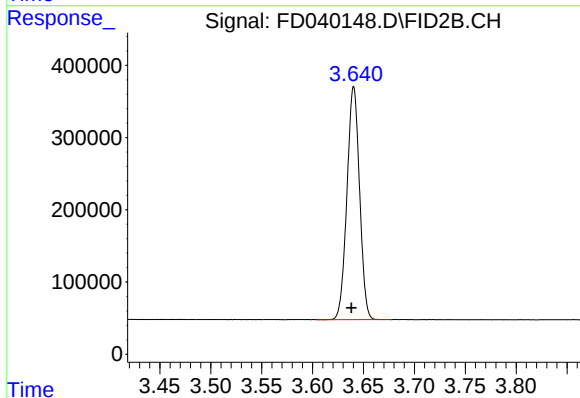
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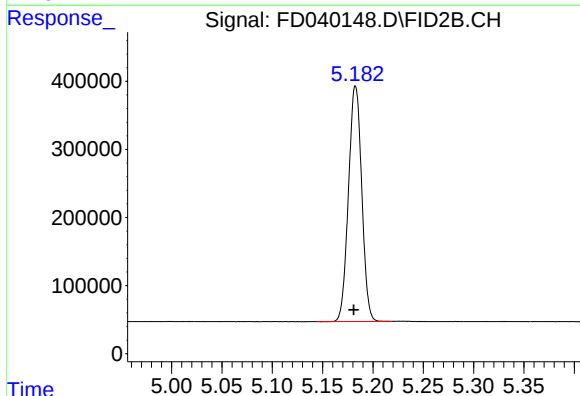
#1 n-Nonane (C9)

R.T.: 2.644 min
Delta R.T.: 0.002 min
Response: 2752059
Conc: 20.95 ug/ml



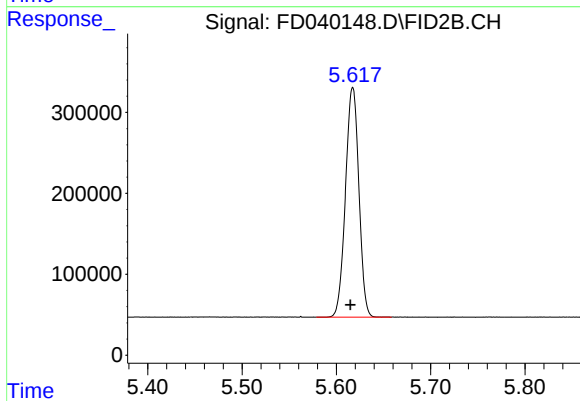
#2 n-Decane (C10)

R.T.: 3.640 min
Delta R.T.: 0.002 min
Response: 2781911
Conc: 21.02 ug/ml



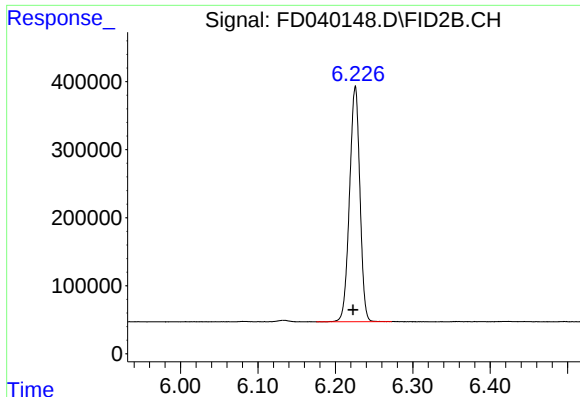
#3 A~Naphthalene (C11.7)

R.T.: 5.183 min
Delta R.T.: 0.002 min
Response: 3168019
Conc: 21.30 ug/ml



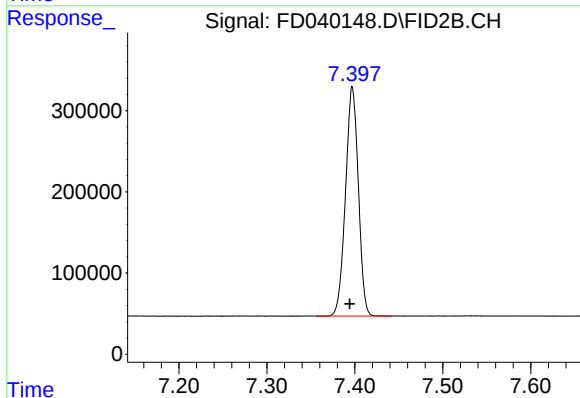
#4 n-Dodecane (C12)

R.T.: 5.617 min
Delta R.T.: 0.002 min
Response: 2802152
Conc: 21.31 ug/ml



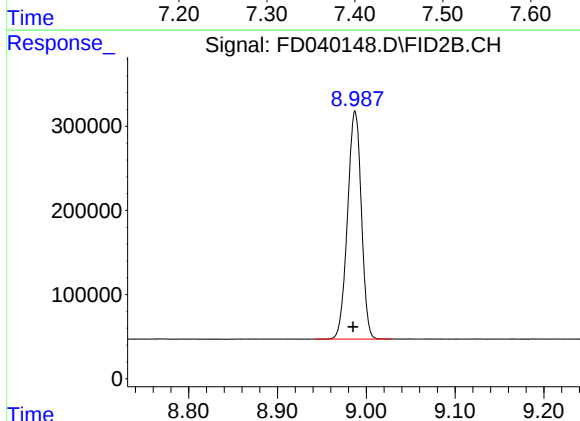
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.226 min
Delta R.T.: 0.003 min
Response: 3216467
Conc: 21.59 ug/ml



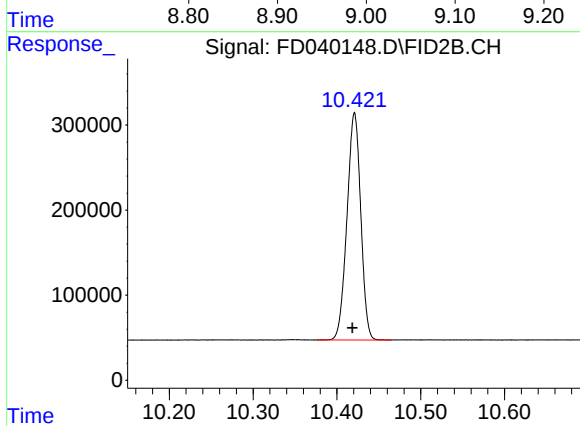
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: 0.003 min
Response: 2866650
Conc: 21.76 ug/ml



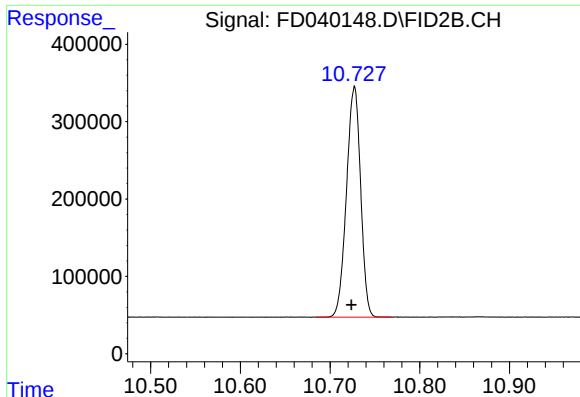
#7 n-Hexadecane (C16)

R.T.: 8.988 min
Delta R.T.: 0.002 min
Response: 2932504
Conc: 22.01 ug/ml



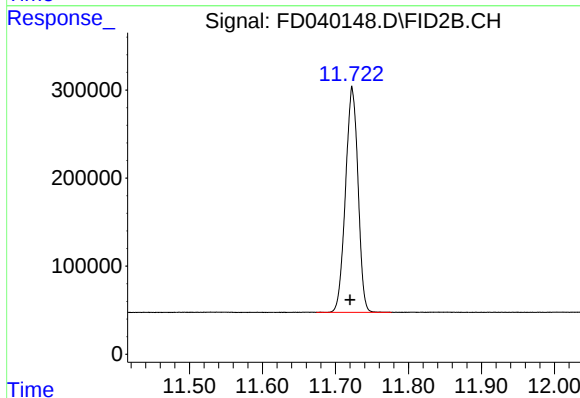
#8 n-Octadecane (C18)

R.T.: 10.421 min
Delta R.T.: 0.002 min
Response: 3050535
Conc: 21.92 ug/ml



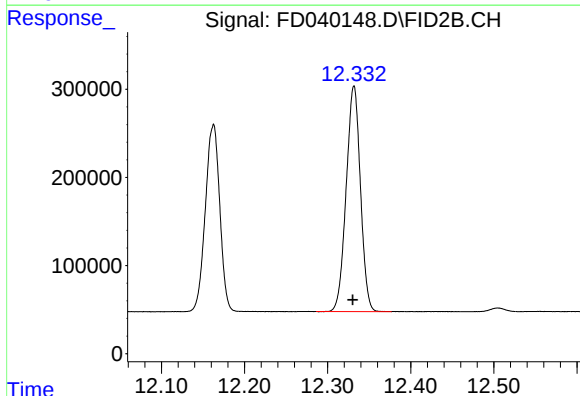
#9 ortho-Terphenyl (SURR)

R.T.: 10.727 min
Delta R.T.: 0.003 min
Response: 3262895
Conc: 21.65 ug/ml



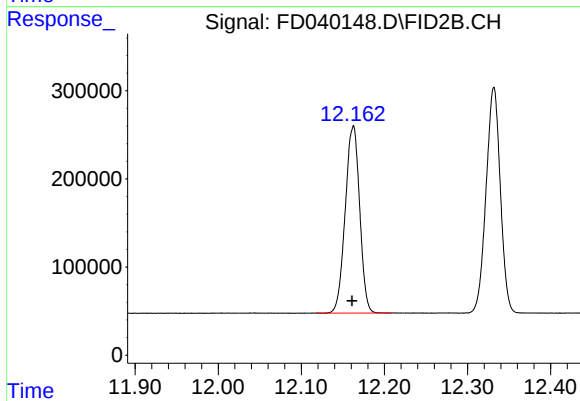
#10 n-Eicosane (C20)

R.T.: 11.723 min
Delta R.T.: 0.003 min
Response: 3046813
Conc: 21.75 ug/ml



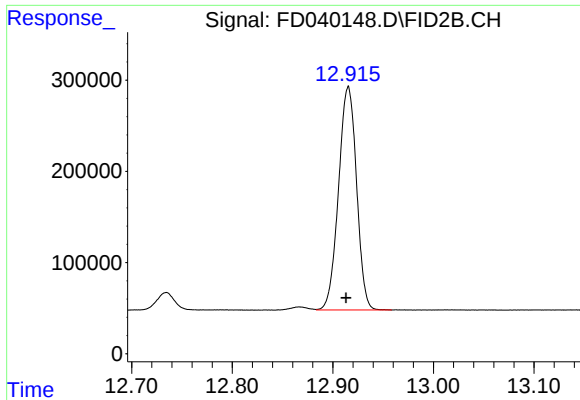
#11 n-Heneicosane (C21)

R.T.: 12.332 min
Delta R.T.: 0.001 min
Response: 3051860
Conc: 21.48 ug/ml



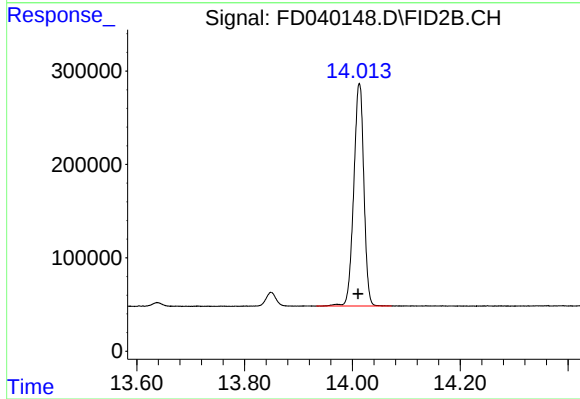
#12 1-chlorooctadecane (SURR)

R.T.: 12.163 min
Delta R.T.: 0.002 min
Response: 2559434
Conc: 21.68 ug/ml



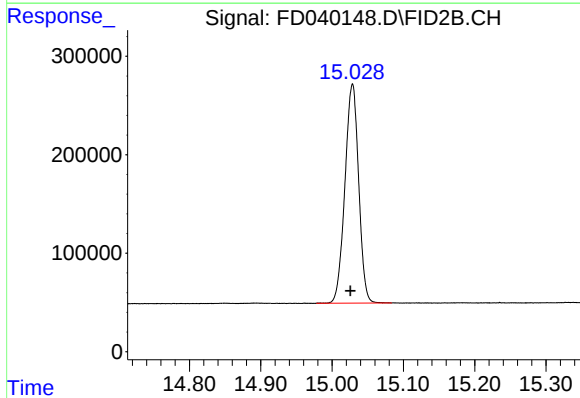
#13 n-Docosane (C22)

R.T.: 12.915 min
Delta R.T.: 0.002 min
Response: 3050261
Conc: 21.53 ug/ml



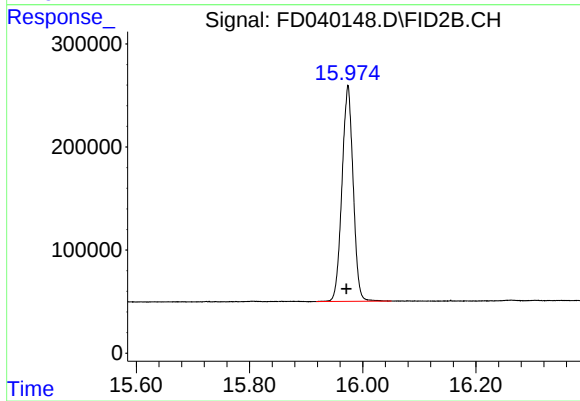
#14 n-Tetracosane (C24)

R.T.: 14.013 min
Delta R.T.: 0.002 min
Response: 3106296
Conc: 21.78 ug/ml



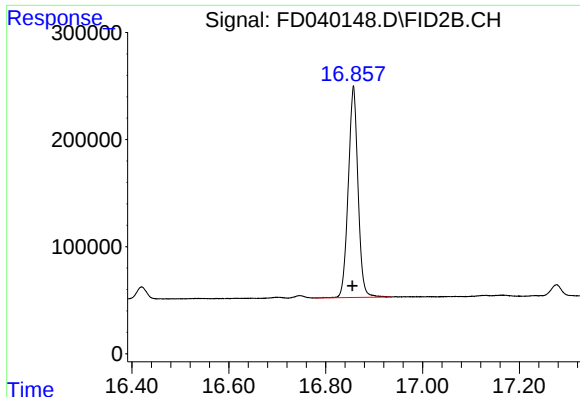
#15 n-Hexacosane (C26)

R.T.: 15.029 min
Delta R.T.: 0.003 min
Response: 2976458
Conc: 21.91 ug/ml



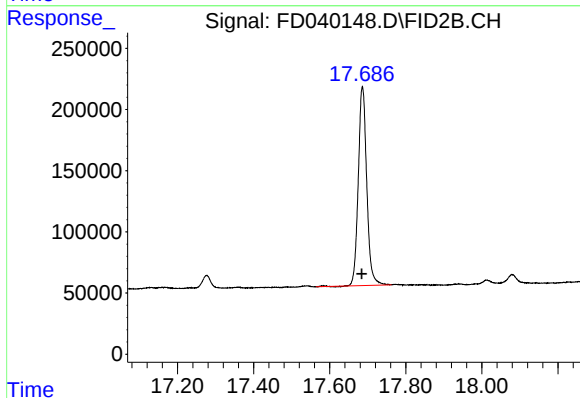
#16 n-Octacosane (C28)

R.T.: 15.974 min
Delta R.T.: 0.003 min
Response: 2865263
Conc: 22.32 ug/ml



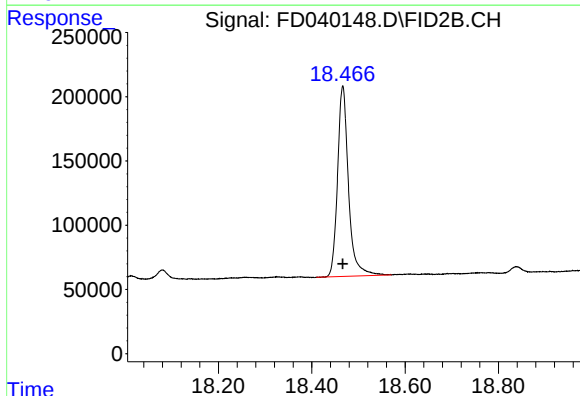
#17 n-Tricontane (C30)

R.T.: 16.857 min
Delta R.T.: 0.002 min
Response: 2734329
Conc: 22.77 ug/ml



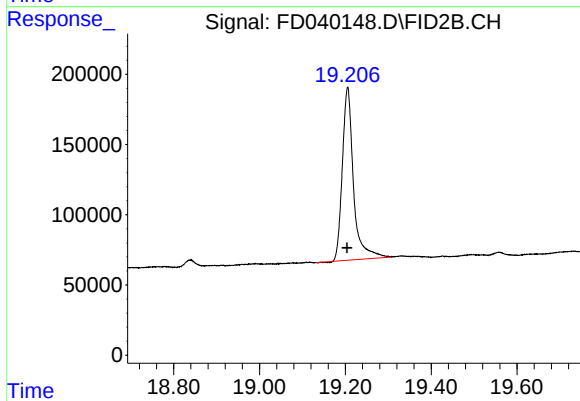
#18 n-Dotriacontane (C32)

R.T.: 17.686 min
Delta R.T.: 0.002 min
Response: 2512754
Conc: 22.30 ug/ml



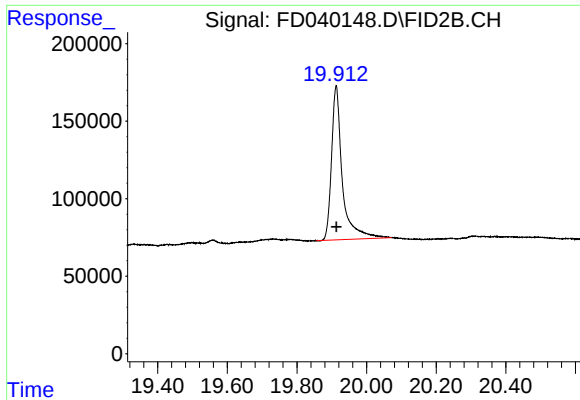
#19 n-Tetratriacontane (C34)

R.T.: 18.467 min
Delta R.T.: 0.000 min
Response: 2411837
Conc: 22.06 ug/ml



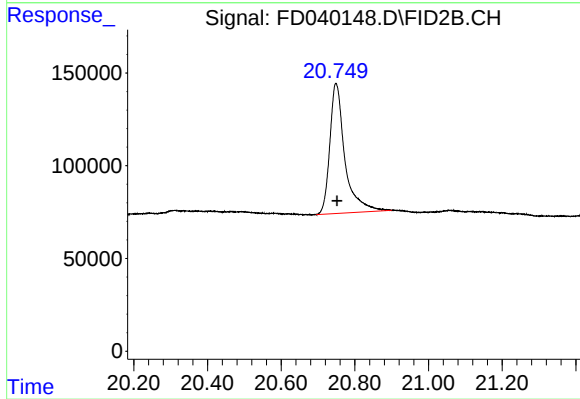
#20 n-Hexatriacontane (C36)

R.T.: 19.206 min
Delta R.T.: 0.001 min
Response: 2214646
Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.913 min
Delta R.T.: 0.000 min
Response: 2139185
Conc: 22.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.749 min
Delta R.T.: -0.003 min
Response: 1994036
Conc: 25.65 ug/ml m