

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072821AL\
 Data File : FD038383.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jul 2021 23:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 01:33:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.400	2937022	20.318 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
12) S 1-chlorooctadecane (S...	12.834	2228123	19.543 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.219	2769480	22.791 ug/mlm
2) T n-Decane (C10)	4.274	2806702	22.947 ug/ml
3) T A~Naphthalene (C11.7)	5.842	3060989	22.392 ug/ml
4) T n-Dodecane (C12)	6.279	2836421	22.773 ug/ml
5) T A~2-methylnaphthalene...	6.893	3047186	22.123 ug/ml
6) T n-Tetradecane (C14)	8.065	2871587	22.342 ug/ml
7) T n-Hexadecane (C16)	9.657	2844942	21.954 ug/ml
8) T n-Octadecane (C18)	11.091	2855604	21.204 ug/ml
10) T n-Eicosane (C20)	12.393	2745975	20.444 ug/ml
11) T n-Heneicosane (C21)	13.001	2714751	19.982 ug/ml
13) T n-Docosane (C22)	13.584	2682646	19.938 ug/ml
14) T n-Tetracosane (C24)	14.681	2682830	19.868 ug/ml
15) T n-Hexacosane (C26)	15.696	2552590	19.374 ug/ml
16) T n-Octacosane (C28)	16.640	2531534	19.415 ug/ml
17) T n-Tricontane (C30)	17.524	2498768	19.553 ug/ml
18) T n-Dotriacontane (C32)	18.352	2409978	19.586 ug/ml
19) T n-Tetratriacontane (C34)	19.131	2379567	20.320 ug/mlm
20) T n-Hexatriacontane (C36)	19.868	2305567	21.112 ug/ml
21) T n-Octatriacontane (C38)	20.571	2216992	22.012 ug/ml
22) T n-Tetracontane (C40)	21.393	2283572	23.348 ug/ml

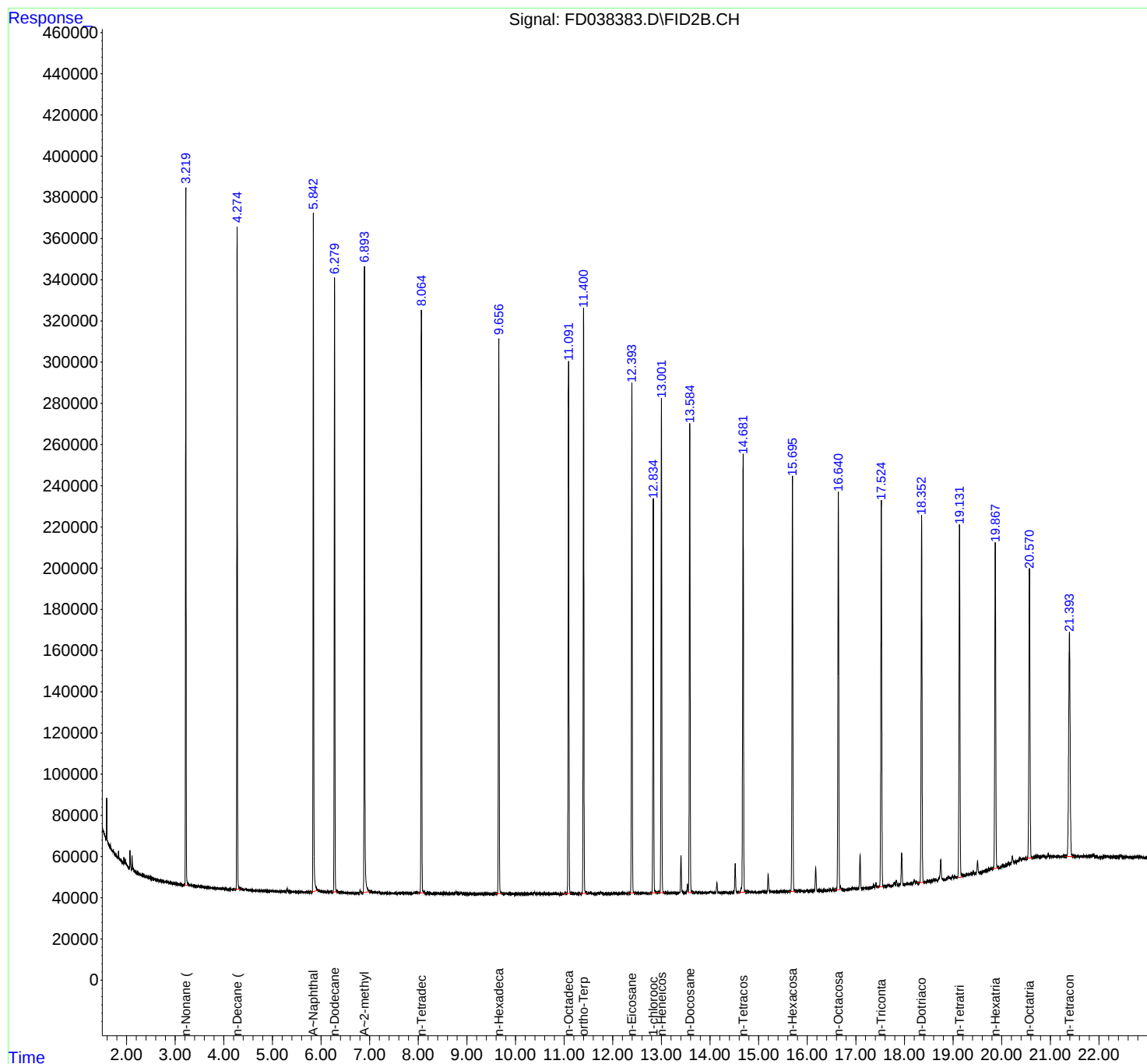
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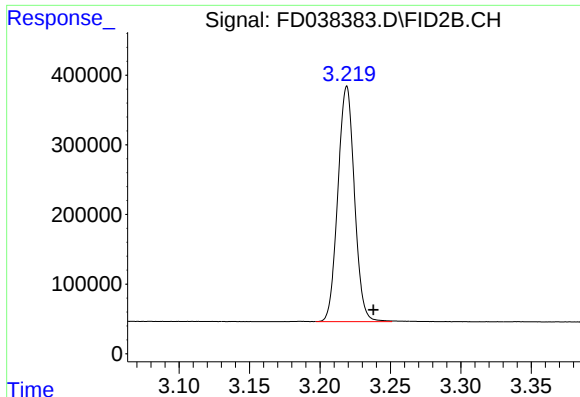
(m)=manual int.

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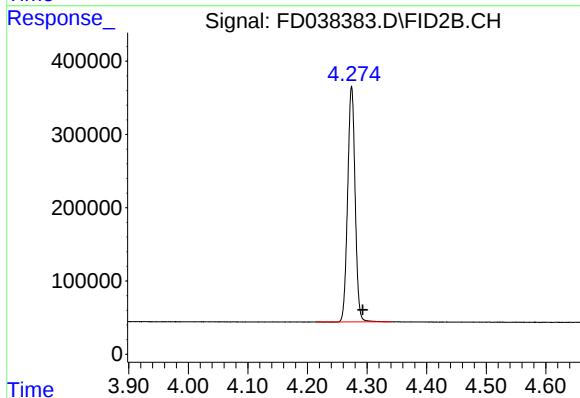
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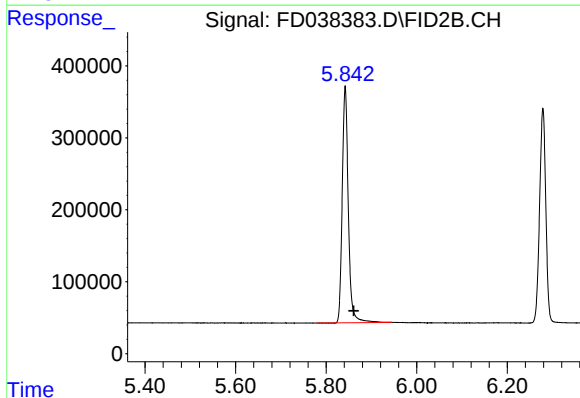
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.019 min
Response: 2769480
Conc: 22.79 ug/ml m



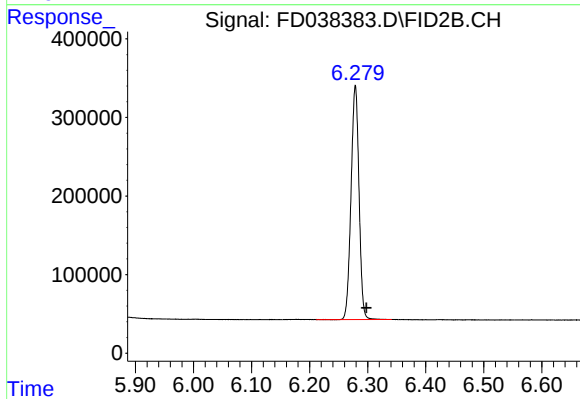
#2 n-Decane (C10)

R.T.: 4.274 min
Delta R.T.: -0.019 min
Response: 2806702
Conc: 22.95 ug/ml



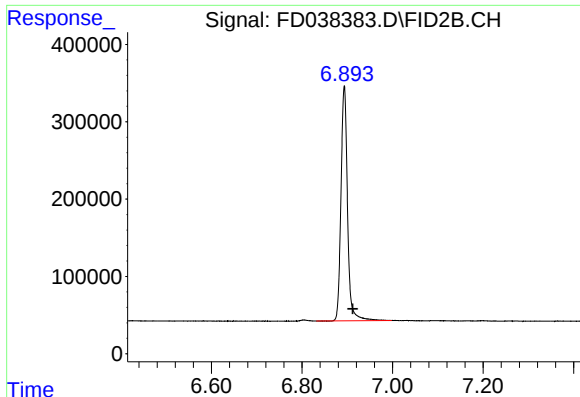
#3 A~Naphthalene (C11.7)

R.T.: 5.842 min
Delta R.T.: -0.019 min
Response: 3060989
Conc: 22.39 ug/ml



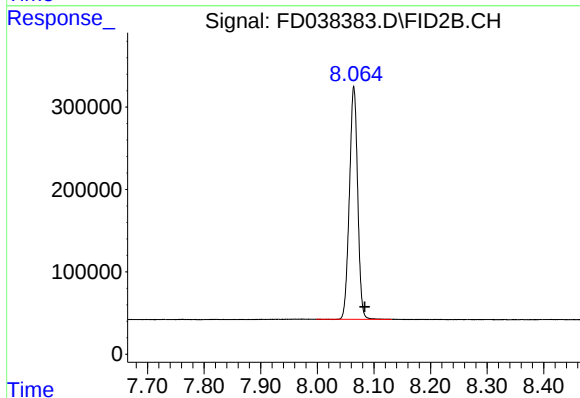
#4 n-Dodecane (C12)

R.T.: 6.279 min
Delta R.T.: -0.019 min
Response: 2836421
Conc: 22.77 ug/ml



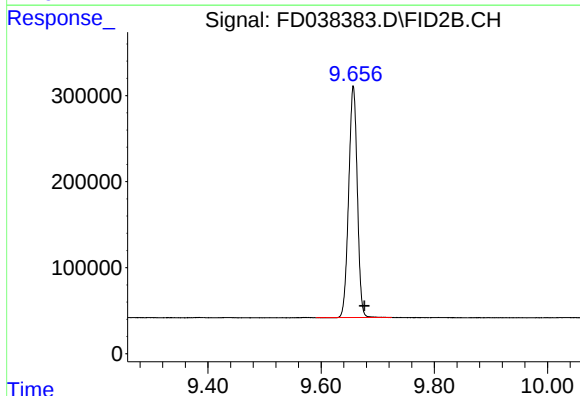
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.893 min
Delta R.T.: -0.019 min
Response: 3047186
Conc: 22.12 ug/ml



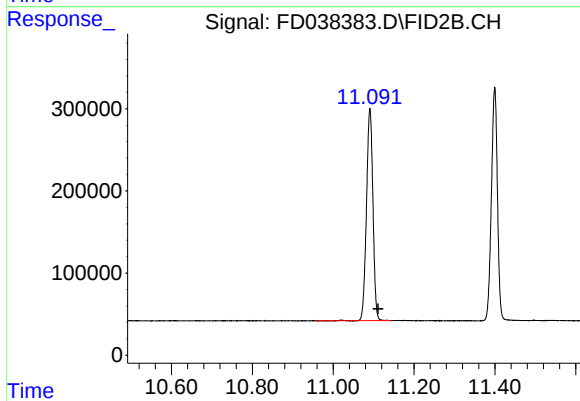
#6 n-Tetradecane (C14)

R.T.: 8.065 min
Delta R.T.: -0.019 min
Response: 2871587
Conc: 22.34 ug/ml



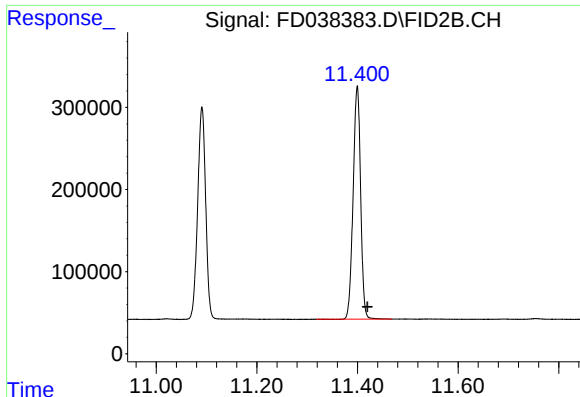
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: -0.019 min
Response: 2844942
Conc: 21.95 ug/ml



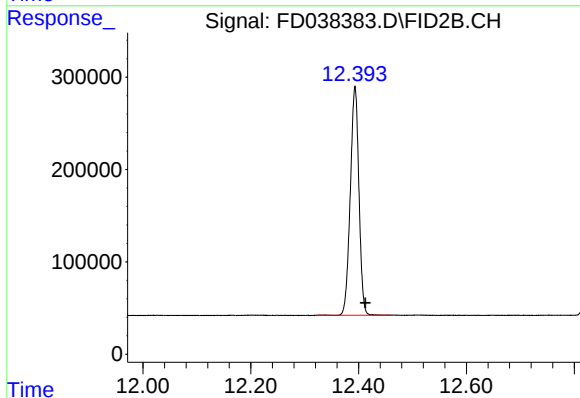
#8 n-Octadecane (C18)

R.T.: 11.091 min
Delta R.T.: -0.020 min
Response: 2855604
Conc: 21.20 ug/ml



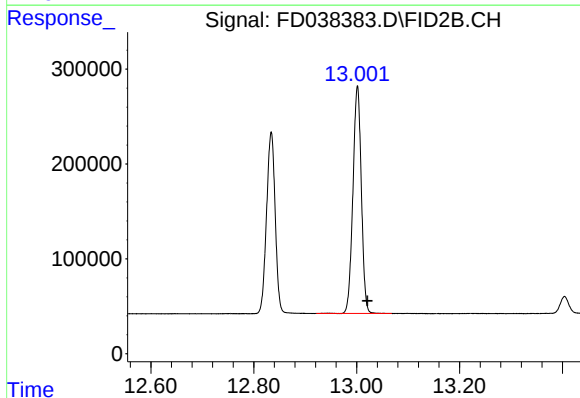
#9 ortho-Terphenyl (SURR)

R.T.: 11.400 min
Delta R.T.: -0.020 min
Response: 2937022
Conc: 20.32 ug/ml



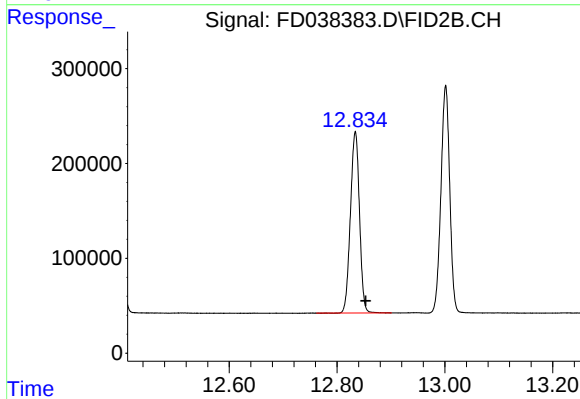
#10 n-Eicosane (C20)

R.T.: 12.393 min
Delta R.T.: -0.019 min
Response: 2745975
Conc: 20.44 ug/ml



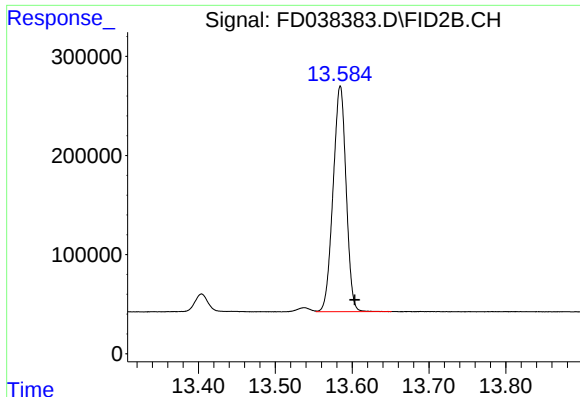
#11 n-Heneicosane (C21)

R.T.: 13.001 min
Delta R.T.: -0.020 min
Response: 2714751
Conc: 19.98 ug/ml



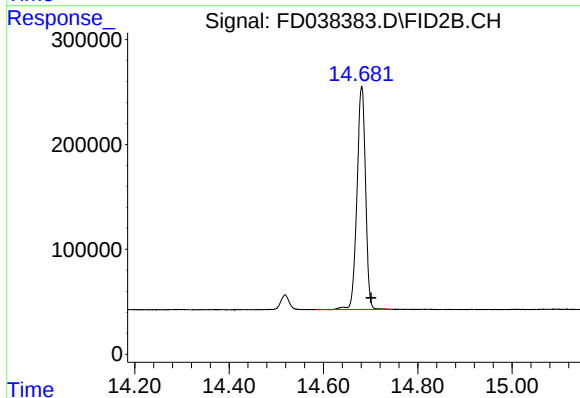
#12 1-chlorooctadecane (SURR)

R.T.: 12.834 min
Delta R.T.: -0.020 min
Response: 2228123
Conc: 19.54 ug/ml



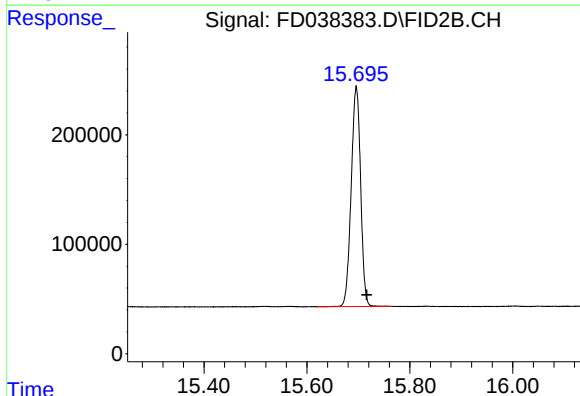
#13 n-Docosane (C22)

R.T.: 13.584 min
Delta R.T.: -0.019 min
Response: 2682646
Conc: 19.94 ug/ml



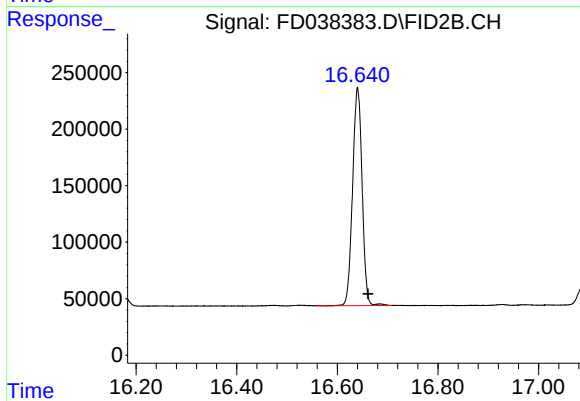
#14 n-Tetracosane (C24)

R.T.: 14.681 min
Delta R.T.: -0.020 min
Response: 2682830
Conc: 19.87 ug/ml



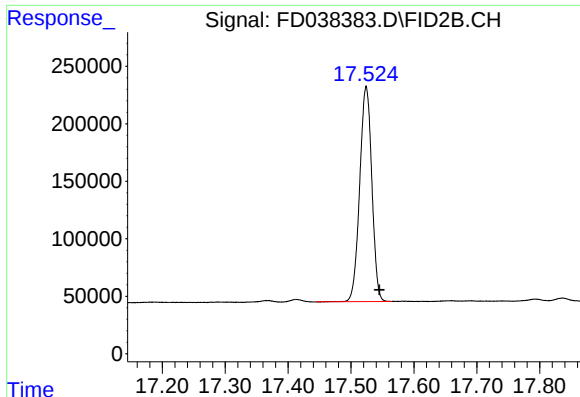
#15 n-Hexacosane (C26)

R.T.: 15.696 min
Delta R.T.: -0.020 min
Response: 2552590
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.640 min
Delta R.T.: -0.021 min
Response: 2531534
Conc: 19.42 ug/ml



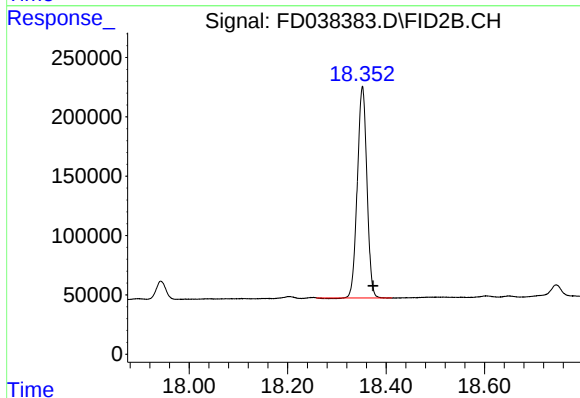
#17 n-Tricontane (C30)

R.T.: 17.524 min

Delta R.T.: -0.021 min

Response: 2498768

Conc: 19.55 ug/ml



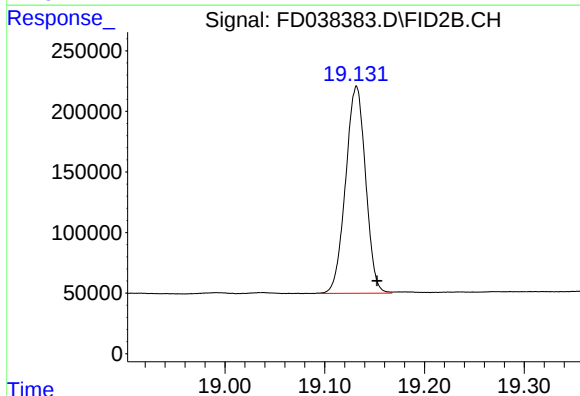
#18 n-Dotriacontane (C32)

R.T.: 18.352 min

Delta R.T.: -0.021 min

Response: 2409978

Conc: 19.59 ug/ml



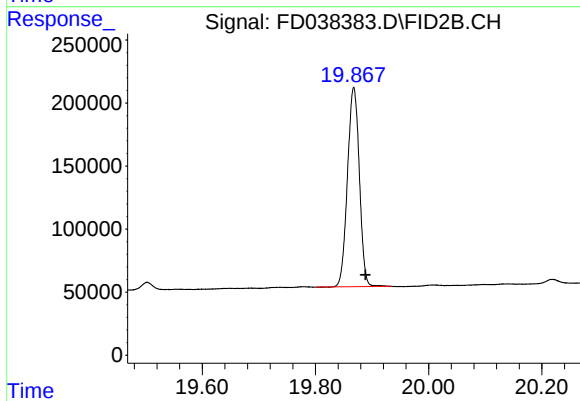
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min

Delta R.T.: -0.021 min

Response: 2379567

Conc: 20.32 ug/ml m



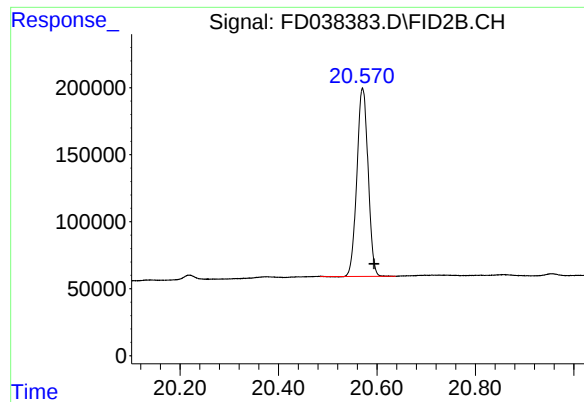
#20 n-Hexatriacontane (C36)

R.T.: 19.868 min

Delta R.T.: -0.021 min

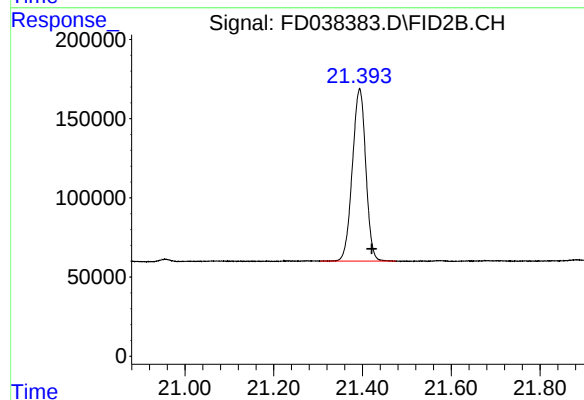
Response: 2305567

Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.571 min
Delta R.T.: -0.023 min
Response: 2216992
Conc: 22.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.393 min
Delta R.T.: -0.027 min
Response: 2283572
Conc: 23.35 ug/ml