

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121221AL\
 Data File : FD039871.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2021 8:02
 Operator : AJ\MA
 Sample : M5018-39MSD
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 13 08:22:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 11:55:55 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)	11.455	5061412	36.671 ug/ml
Spiked Amount 50.000		Recovery =	73.34%
12) S 1-chlorooctadecane (S...	12.884	4118380	38.313 ug/ml
Spiked Amount 50.000		Recovery =	76.63%
Target Compounds			
1) T n-Nonane (C9)	3.265	4439228	37.002 ug/mlm
2) T n-Decane (C10)	4.322	5091324	42.228 ug/ml
3) T A~Naphthalene (C11.7)	5.896	6096926	47.191 ug/ml
4) T n-Dodecane (C12)	6.326	5523788	45.867 ug/ml
5) T A~2-methylnaphthalene...	6.947	6166258	47.822 ug/ml
6) T n-Tetradecane (C14)	8.114	5867861	48.411 ug/ml
7) T n-Hexadecane (C16)	9.705	6390638	52.226 ug/ml
8) T n-Octadecane (C18)	11.141	6938369	54.340 ug/ml
10) T n-Eicosane (C20)	12.445	7066466	55.052 ug/ml
11) T n-Heneicosane (C21)	13.053	7097462	54.175 ug/ml
13) T n-Docosane (C22)	13.636	7076533	54.110 ug/ml
14) T n-Tetracosane (C24)	14.733	5975675	44.678 ug/ml
15) T n-Hexacosane (C26)	15.750	7002071	53.273 ug/ml
16) T n-Octacosane (C28)	16.693	6929005	53.448 ug/ml
17) T n-Tricontane (C30)	17.577	6608057	53.309 ug/ml
18) T n-Dotriacontane (C32)	18.402	6147394	53.564 ug/ml
19) T n-Tetratriacontane (C34)	19.182	5659305	53.091 ug/ml
20) T n-Hexatriacontane (C36)	19.917	5043800	51.515 ug/mlm
21) T n-Octatriacontane (C38)	20.625	4642848	51.020 ug/ml
22) T n-Tetracontane (C40)	21.472	4594967	57.688 ug/ml

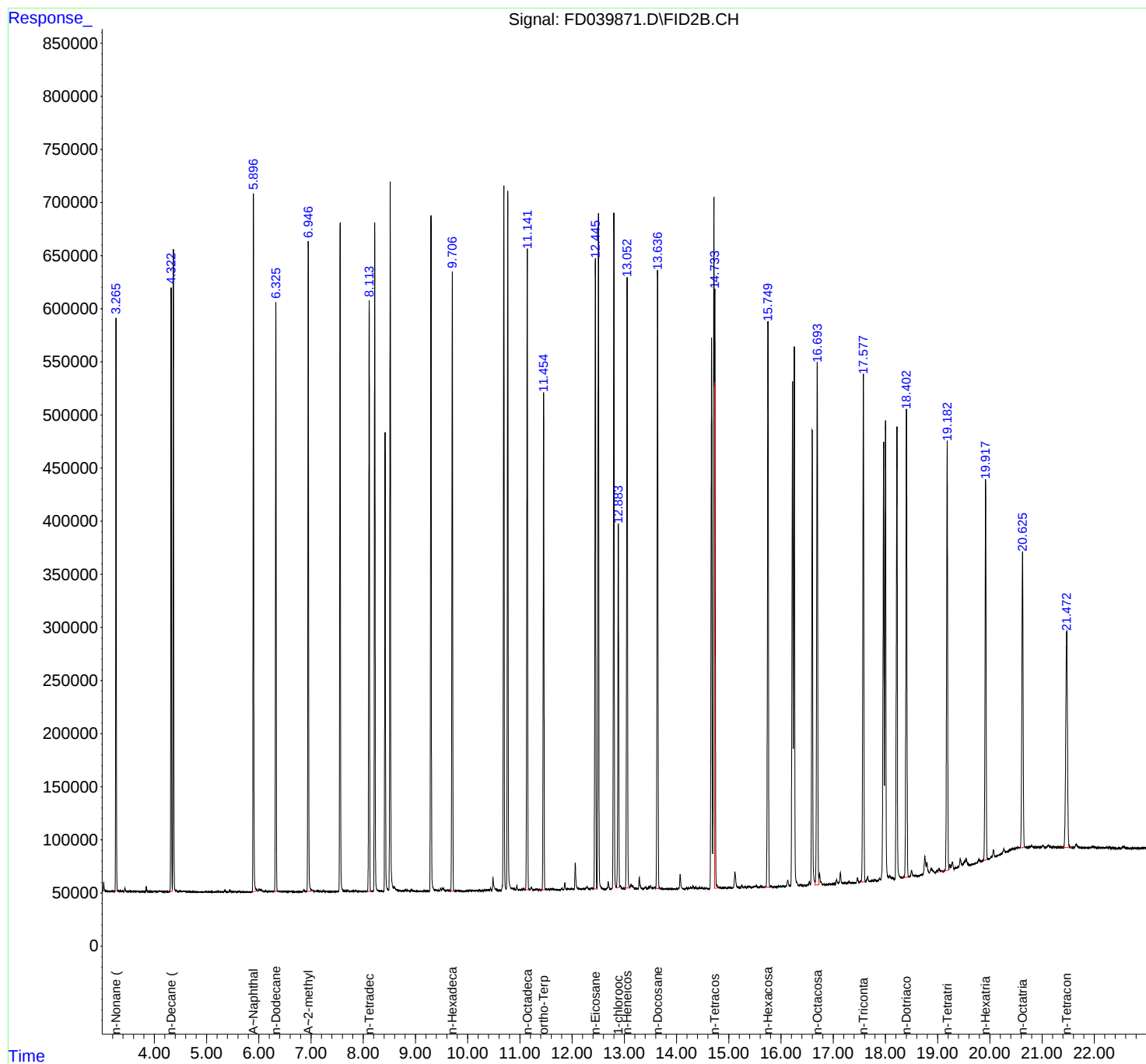
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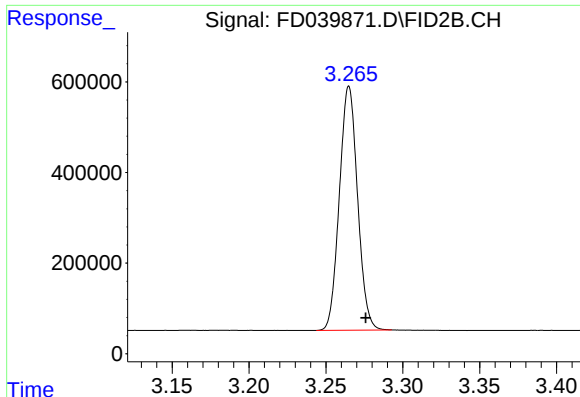
(m)=manual int.

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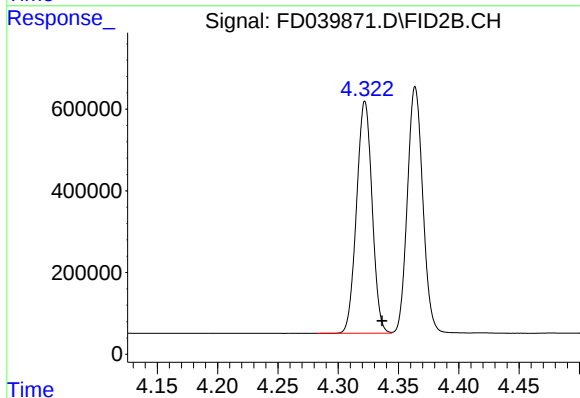
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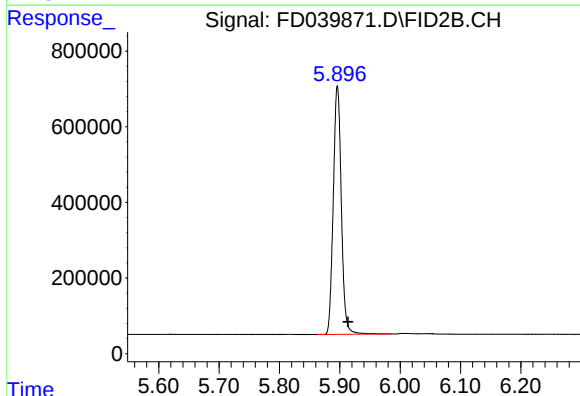
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.011 min
Response: 4439228
Conc: 37.00 ug/ml m



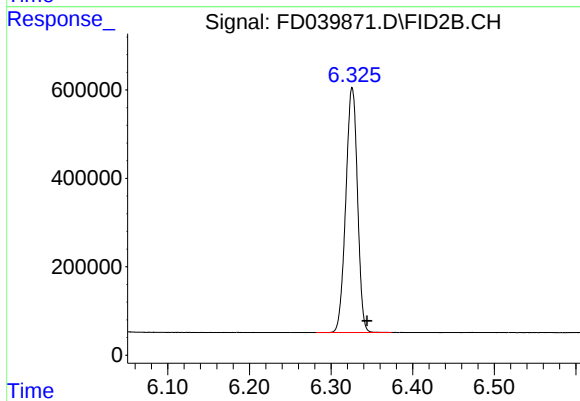
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: -0.014 min
Response: 5091324
Conc: 42.23 ug/ml



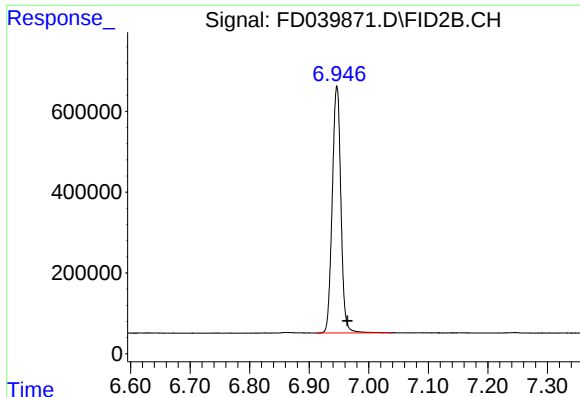
#3 A~Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.018 min
Response: 6096926
Conc: 47.19 ug/ml



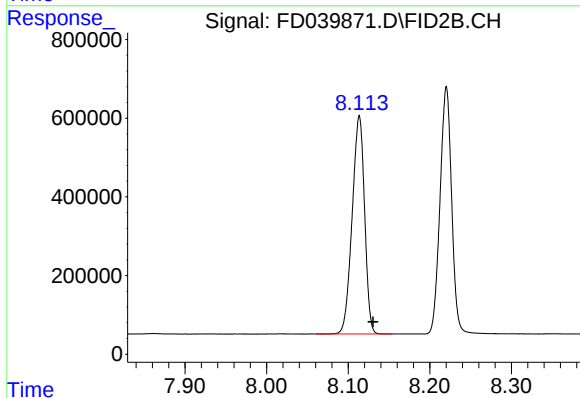
#4 n-Dodecane (C12)

R.T.: 6.326 min
Delta R.T.: -0.018 min
Response: 5523788
Conc: 45.87 ug/ml



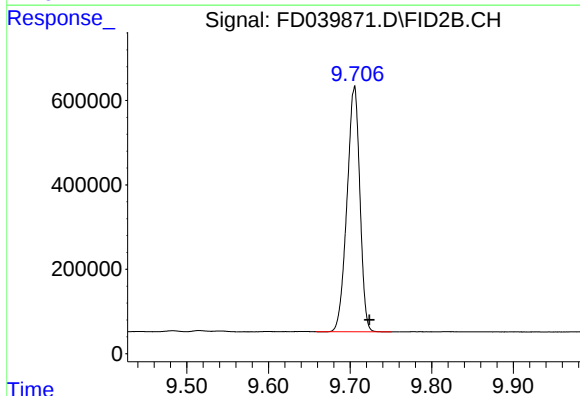
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.018 min
Response: 6166258
Conc: 47.82 ug/ml



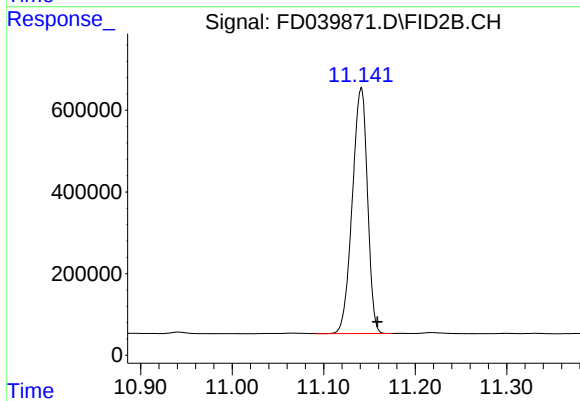
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.017 min
Response: 5867861
Conc: 48.41 ug/ml



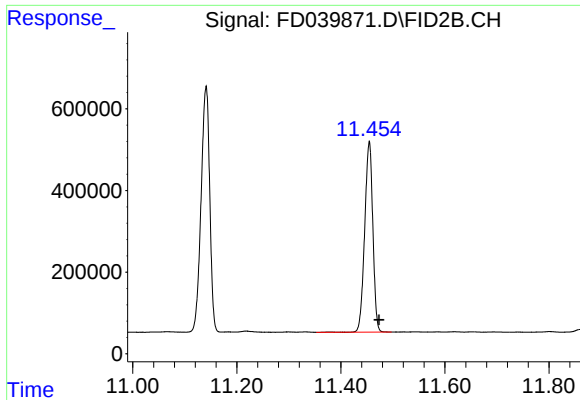
#7 n-Hexadecane (C16)

R.T.: 9.705 min
Delta R.T.: -0.018 min
Response: 6390638
Conc: 52.23 ug/ml



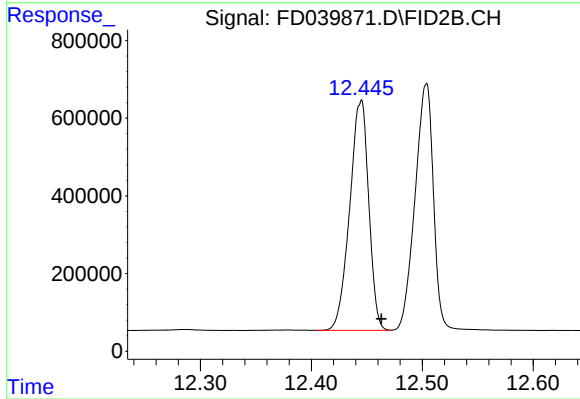
#8 n-Octadecane (C18)

R.T.: 11.141 min
Delta R.T.: -0.018 min
Response: 6938369
Conc: 54.34 ug/ml



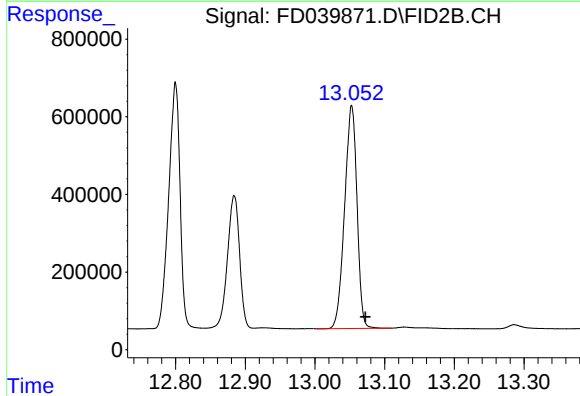
#9 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.019 min
Response: 5061412
Conc: 36.67 ug/ml



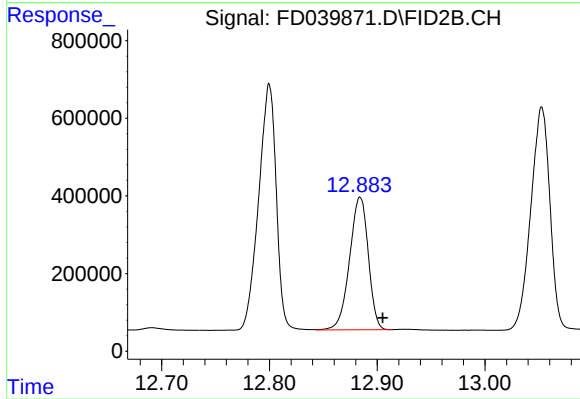
#10 n-Eicosane (C20)

R.T.: 12.445 min
Delta R.T.: -0.018 min
Response: 7066466
Conc: 55.05 ug/ml



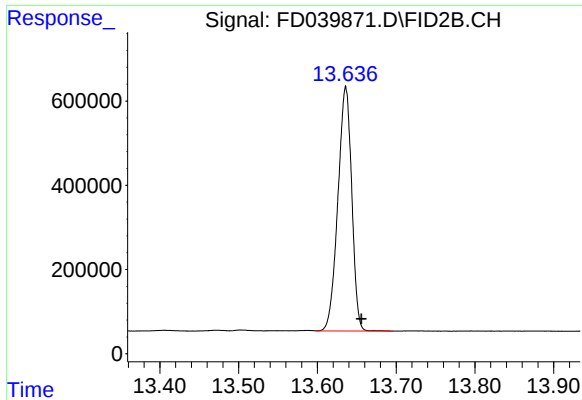
#11 n-Heneicosane (C21)

R.T.: 13.053 min
Delta R.T.: -0.020 min
Response: 7097462
Conc: 54.17 ug/ml



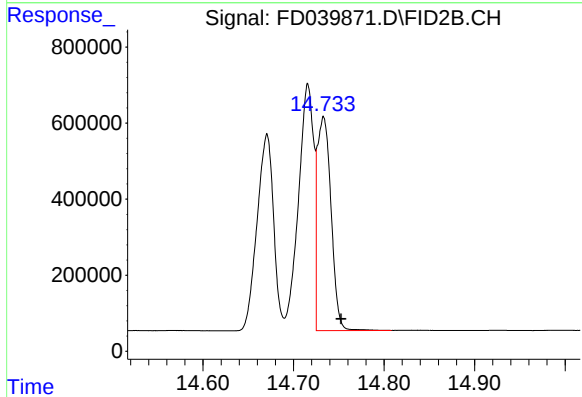
#12 1-chlorooctadecane (SURR)

R.T.: 12.884 min
Delta R.T.: -0.021 min
Response: 4118380
Conc: 38.31 ug/ml



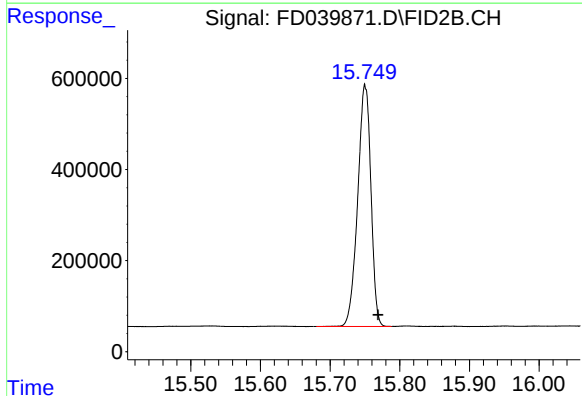
#13 n-Docosane (C22)

R.T.: 13.636 min
Delta R.T.: -0.020 min
Response: 7076533
Conc: 54.11 ug/ml



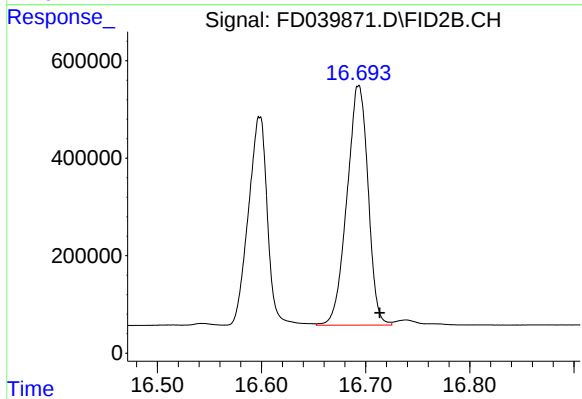
#14 n-Tetracosane (C24)

R.T.: 14.733 min
Delta R.T.: -0.019 min
Response: 5975675
Conc: 44.68 ug/ml



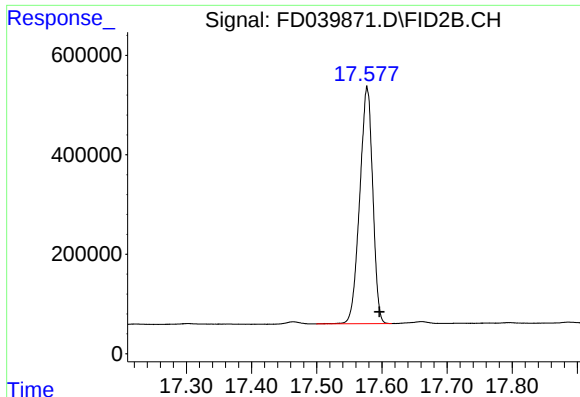
#15 n-Hexacosane (C26)

R.T.: 15.750 min
Delta R.T.: -0.019 min
Response: 7002071
Conc: 53.27 ug/ml



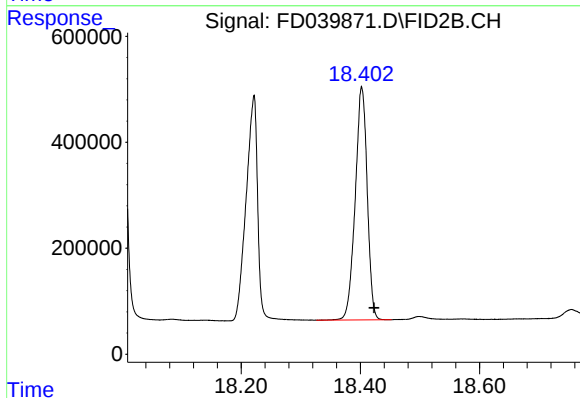
#16 n-Octacosane (C28)

R.T.: 16.693 min
Delta R.T.: -0.020 min
Response: 6929005
Conc: 53.45 ug/ml



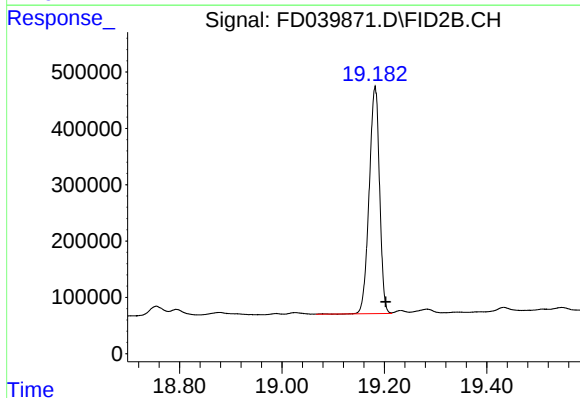
#17 n-Tricontane (C30)

R.T.: 17.577 min
Delta R.T.: -0.019 min
Response: 6608057
Conc: 53.31 ug/ml



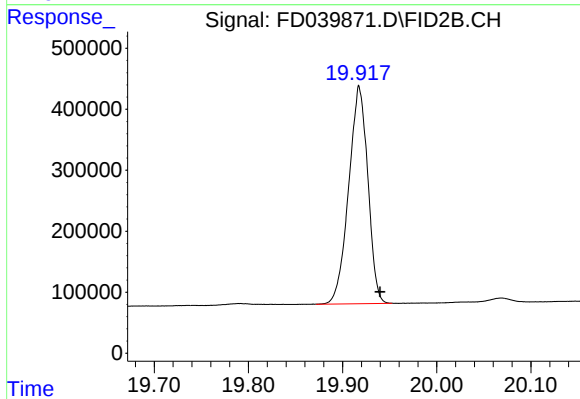
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.021 min
Response: 6147394
Conc: 53.56 ug/ml



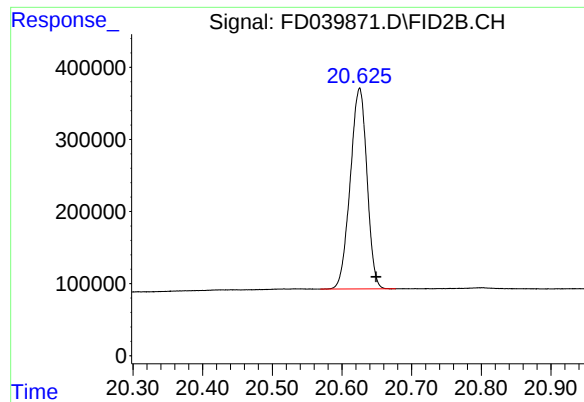
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min
Delta R.T.: -0.021 min
Response: 5659305
Conc: 53.09 ug/ml



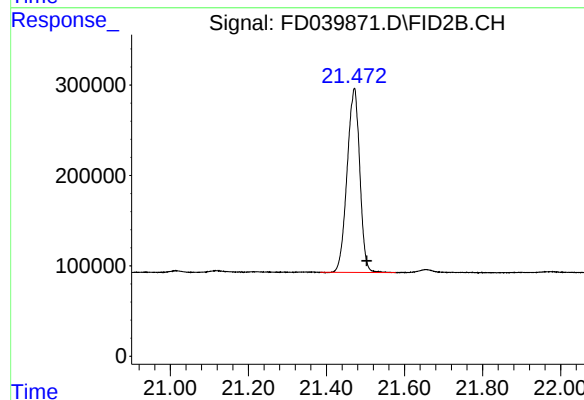
#20 n-Hexatriacontane (C36)

R.T.: 19.917 min
Delta R.T.: -0.023 min
Response: 5043800
Conc: 51.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.625 min
Delta R.T.: -0.023 min
Response: 4642848
Conc: 51.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.472 min
Delta R.T.: -0.031 min
Response: 4594967
Conc: 57.69 ug/ml