

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033122AL\
 Data File : FD041828.D
 Signal(s) : FID2B.CH
 Acq On : 31 Mar 2022 11:33
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 31 22:35:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.227	3892988	21.953 ug/ml
Spiked Amount 50.000		Recovery =	43.91%
12) S 1-chlorooctadecane (S...	12.666	3031492	21.893 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
Target Compounds			
1) T n-Nonane (C9)	3.091	3314245	22.530 ug/ml
2) T n-Decane (C10)	4.136	3301571	22.610 ug/ml
3) T A~Naphthalene (C11.7)	5.687	3573213	22.875 ug/ml
4) T n-Dodecane (C12)	6.133	3427684	22.755 ug/ml
5) T A~2-methylnaphthalene...	6.734	3579257	23.010 ug/ml
6) T n-Tetradecane (C14)	7.910	3457793	22.700 ug/ml
7) T n-Hexadecane (C16)	9.498	3501258	22.707 ug/ml
8) T n-Octadecane (C18)	10.928	3561742	22.607 ug/ml
10) T n-Eicosane (C20)	12.229	3556220	22.480 ug/ml
11) T n-Heneicosane (C21)	12.836	3538060	22.094 ug/ml
13) T n-Docosane (C22)	13.419	3619801	22.538 ug/ml
14) T n-Tetracosane (C24)	14.514	3658525	22.633 ug/mlm
15) T n-Hexacosane (C26)	15.531	3624312	22.440 ug/ml
16) T n-Octacosane (C28)	16.473	3584048	22.265 ug/ml
17) T n-Tricontane (C30)	17.355	3465422	21.990 ug/ml
18) T n-Dotriacontane (C32)	18.184	3185404	21.466 ug/ml
19) T n-Tetratriacontane (C34)	18.964	2843555	21.223 ug/ml
20) T n-Hexatriacontane (C36)	19.699	2555928	21.345 ug/ml
21) T n-Octatriacontane (C38)	20.397	2455805	22.188 ug/mlm
22) T n-Tetracontane (C40)	21.175	2417233	22.452 ug/ml

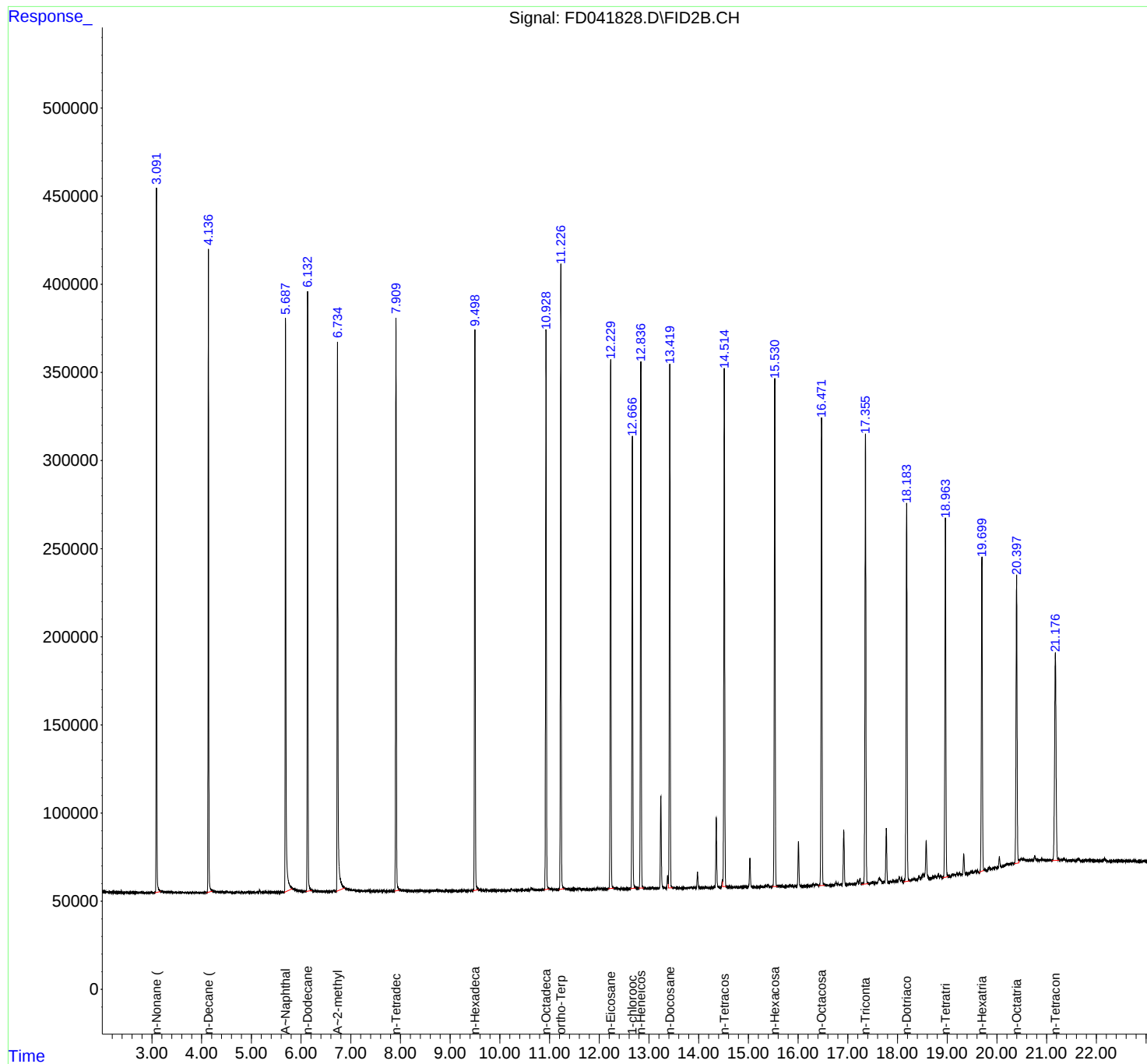
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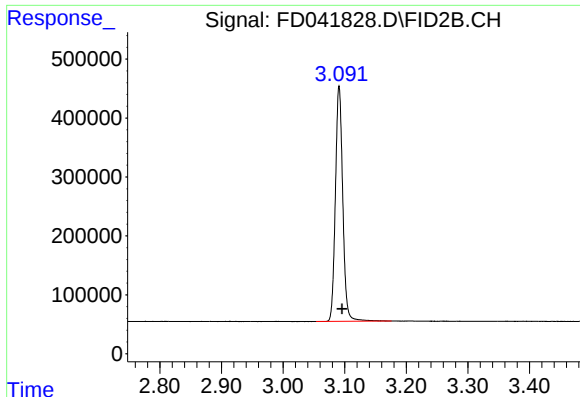
(m)=manual int.

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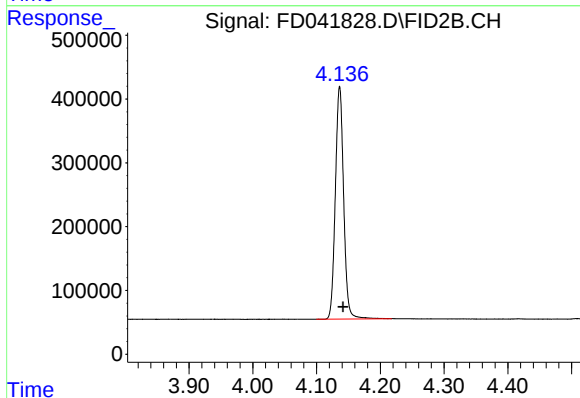
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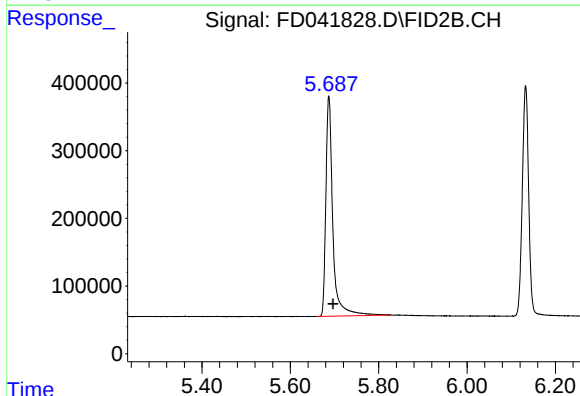
#1 n-Nonane (C9)

R.T.: 3.091 min
Delta R.T.: -0.005 min
Response: 3314245
Conc: 22.53 ug/ml



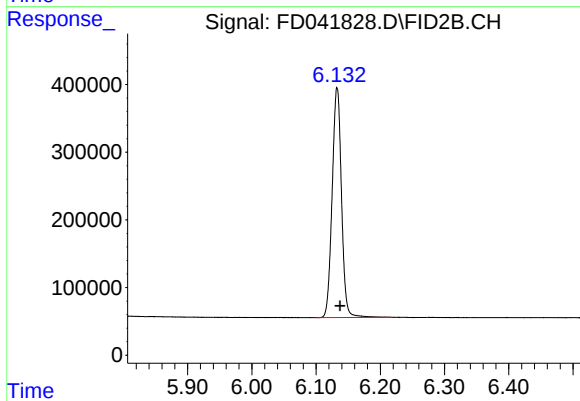
#2 n-Decane (C10)

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 3301571
Conc: 22.61 ug/ml



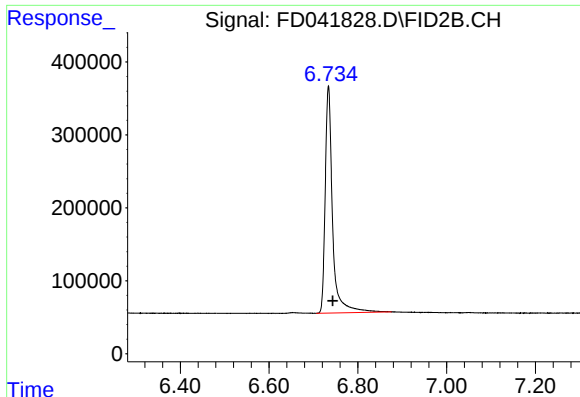
#3 A~Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.009 min
Response: 3573213
Conc: 22.88 ug/ml



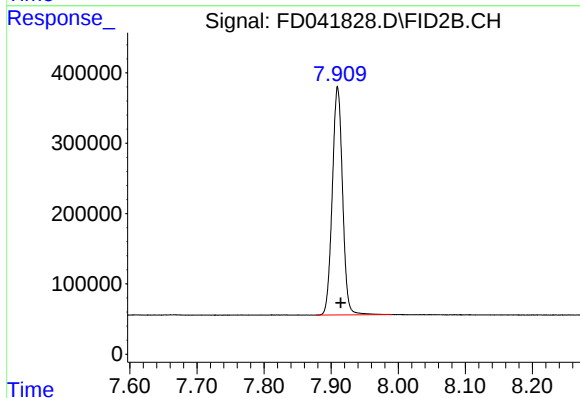
#4 n-Dodecane (C12)

R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 3427684
Conc: 22.76 ug/ml



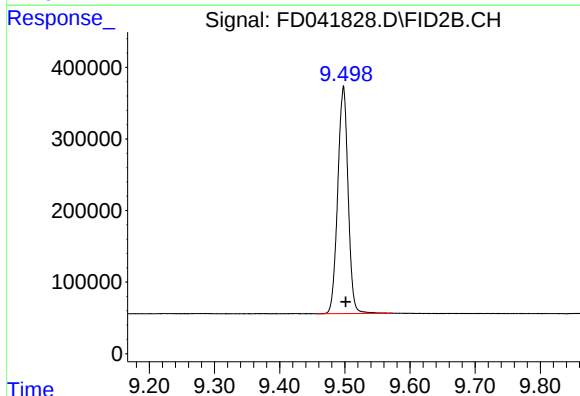
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.009 min
Response: 3579257
Conc: 23.01 ug/ml



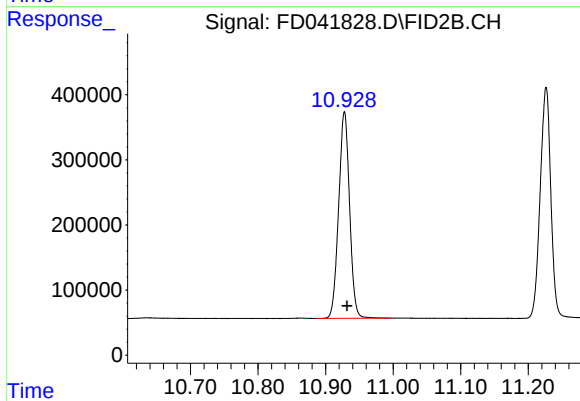
#6 n-Tetradecane (C14)

R.T.: 7.910 min
Delta R.T.: -0.005 min
Response: 3457793
Conc: 22.70 ug/ml



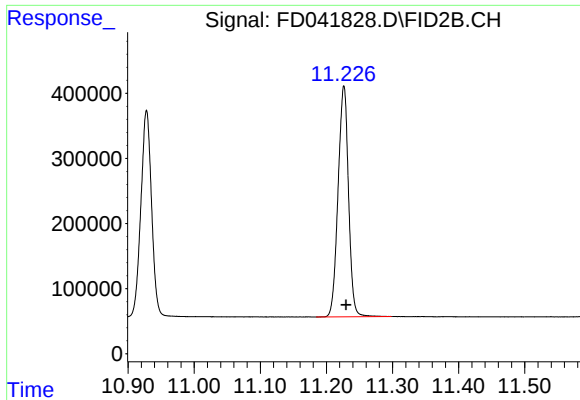
#7 n-Hexadecane (C16)

R.T.: 9.498 min
Delta R.T.: -0.004 min
Response: 3501258
Conc: 22.71 ug/ml



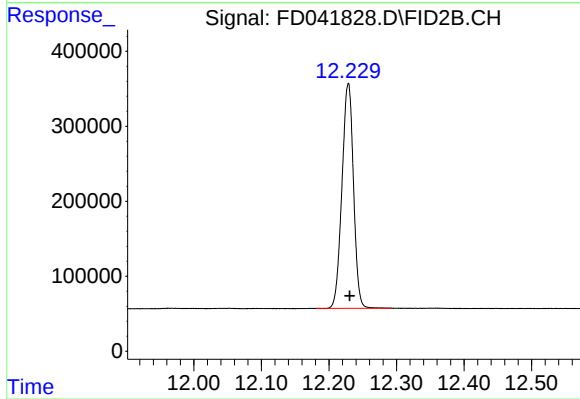
#8 n-Octadecane (C18)

R.T.: 10.928 min
Delta R.T.: -0.004 min
Response: 3561742
Conc: 22.61 ug/ml



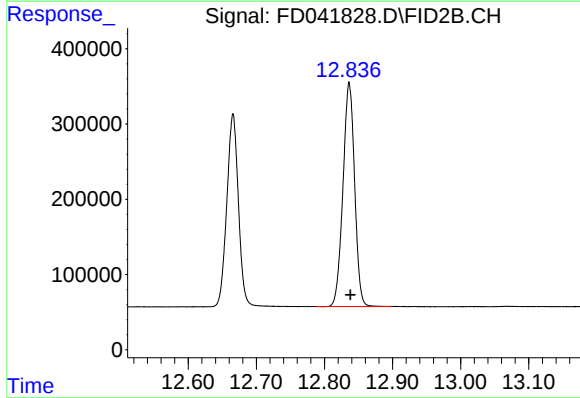
#9 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 3892988
Conc: 21.95 ug/ml



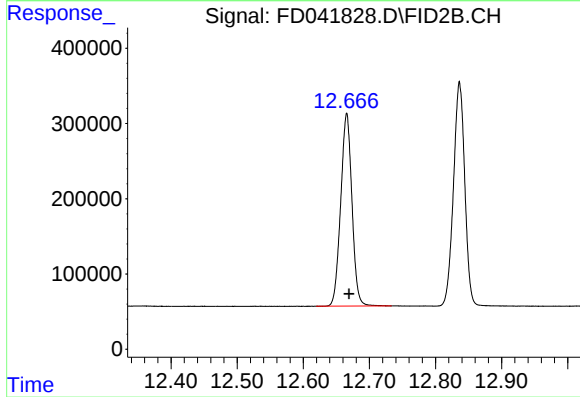
#10 n-Eicosane (C20)

R.T.: 12.229 min
Delta R.T.: -0.002 min
Response: 3556220
Conc: 22.48 ug/ml



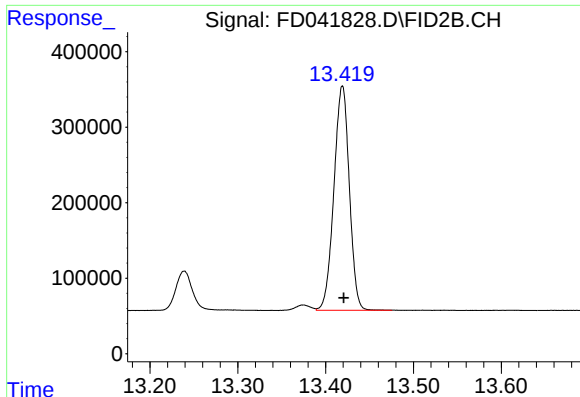
#11 n-Heneicosane (C21)

R.T.: 12.836 min
Delta R.T.: -0.002 min
Response: 3538060
Conc: 22.09 ug/ml



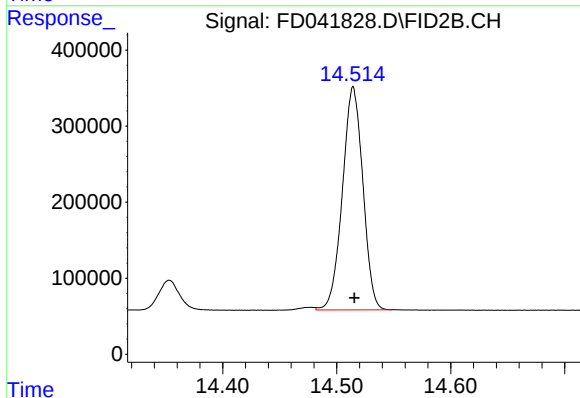
#12 1-chlorooctadecane (SURR)

R.T.: 12.666 min
Delta R.T.: -0.003 min
Response: 3031492
Conc: 21.89 ug/ml



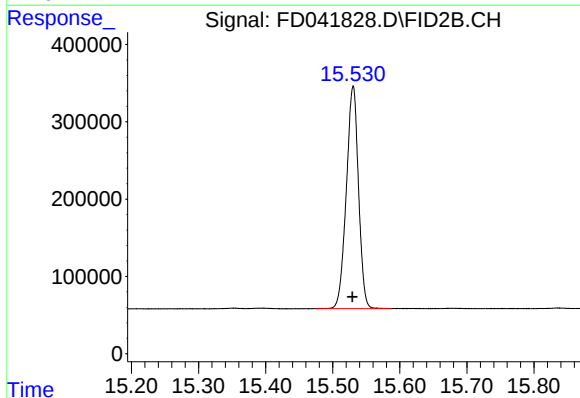
#13 n-Docosane (C22)

R.T.: 13.419 min
Delta R.T.: -0.002 min
Response: 3619801
Conc: 22.54 ug/ml



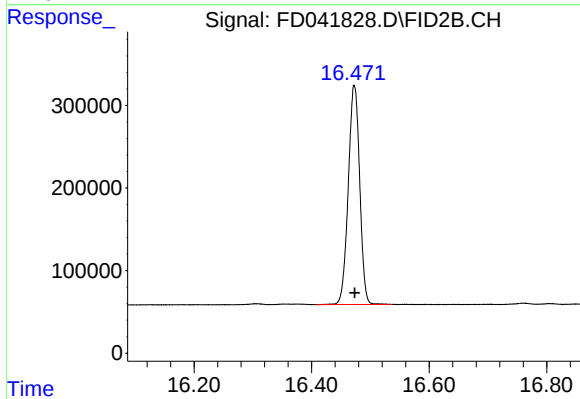
#14 n-Tetracosane (C24)

R.T.: 14.514 min
Delta R.T.: -0.001 min
Response: 3658525
Conc: 22.63 ug/ml m



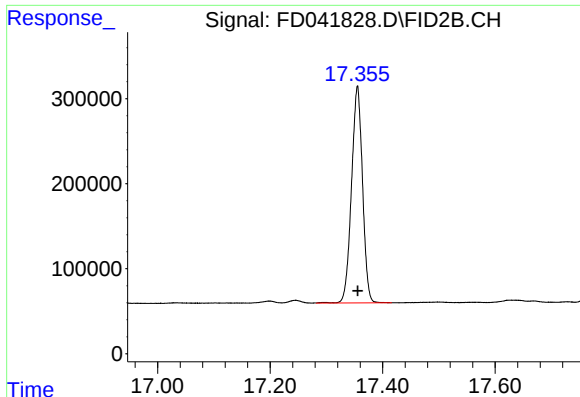
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: 0.001 min
Response: 3624312
Conc: 22.44 ug/ml



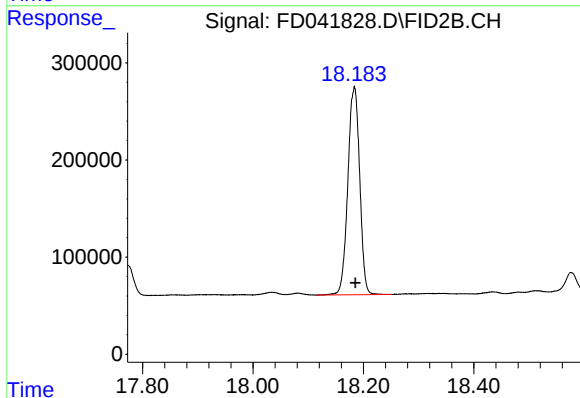
#16 n-Octacosane (C28)

R.T.: 16.473 min
Delta R.T.: -0.001 min
Response: 3584048
Conc: 22.27 ug/ml



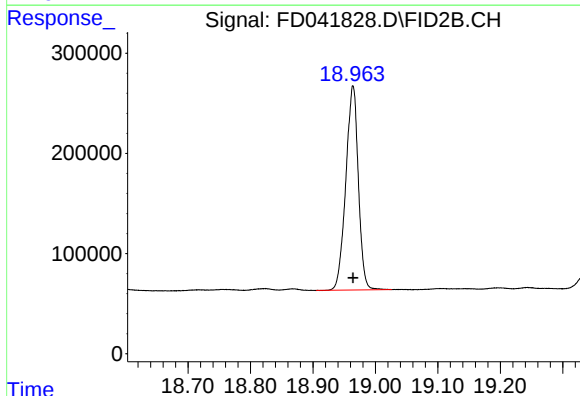
#17 n-Tricontane (C30)

R.T.: 17.355 min
Delta R.T.: 0.000 min
Response: 3465422
Conc: 21.99 ug/ml



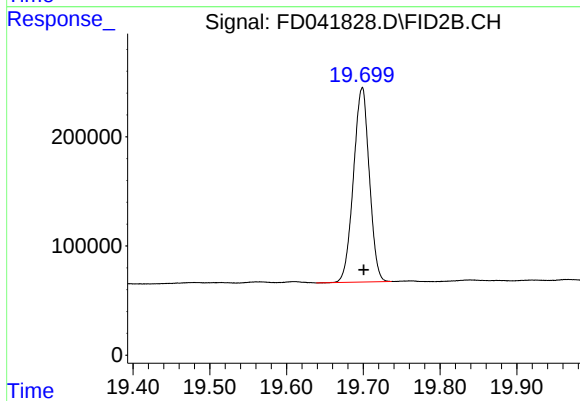
#18 n-Dotriacontane (C32)

R.T.: 18.184 min
Delta R.T.: -0.002 min
Response: 3185404
Conc: 21.47 ug/ml



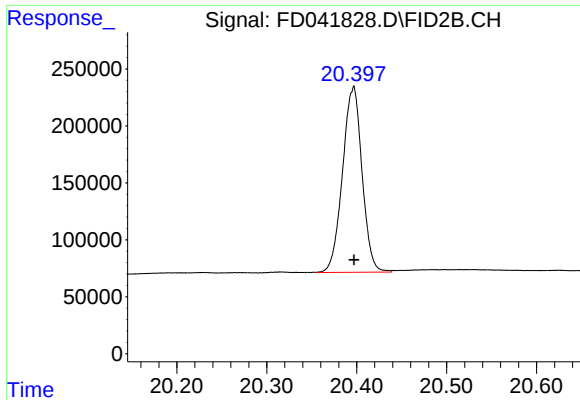
#19 n-Tetratriacontane (C34)

R.T.: 18.964 min
Delta R.T.: 0.000 min
Response: 2843555
Conc: 21.22 ug/ml



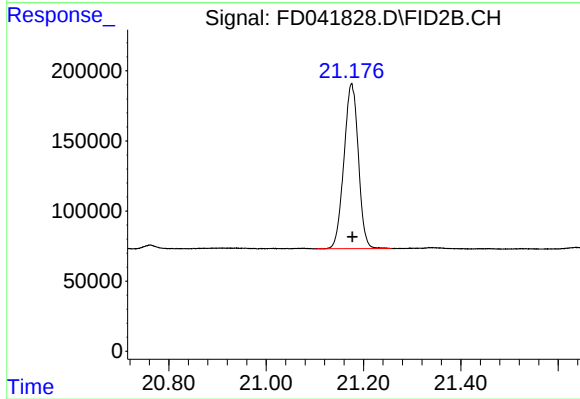
#20 n-Hexatriacontane (C36)

R.T.: 19.699 min
Delta R.T.: -0.002 min
Response: 2555928
Conc: 21.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.397 min
Delta R.T.: 0.000 min
Response: 2455805
Conc: 22.19 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.175 min
Delta R.T.: -0.002 min
Response: 2417233
Conc: 22.45 ug/ml