

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091919AL\
 Data File : FD030769.D
 Signal(s) : FID2B.CH
 Acq On : 19 Sep 2019 10:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 15:31:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 2019
 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)	11.475	2655261	18.255 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	12.903	1983467	18.161 ug/ml
Spiked Amount 50.000		Recovery =	36.32%
Target Compounds			
1) T n-Nonane (C9)	3.294	2493183	19.974 ug/ml
2) T n-Decane (C10)	4.351	2502611	20.002 ug/ml
3) T A~Naphthalene (C11.7)	5.925	2789800	19.894 ug/ml
4) T n-Dodecane (C12)	6.356	2527198	19.975 ug/ml
5) T A~2-methylnaphthalene...	6.975	2813132	19.849 ug/ml
6) T n-Tetradecane (C14)	8.140	2517958	19.785 ug/ml
7) T n-Hexadecane (C16)	9.731	2495625	19.551 ug/ml
8) T n-Octadecane (C18)	11.162	2452072	19.128 ug/ml
10) T n-Eicosane (C20)	12.463	2369706	18.595 ug/ml
11) T n-Heneicosane (C21)	13.070	2347803	18.353 ug/ml
13) T n-Docosane (C22)	13.652	2296324	18.028 ug/ml
14) T n-Tetracosane (C24)	14.746	2220303	17.485 ug/ml
15) T n-Hexacosane (C26)	15.758	2141909	17.220 ug/ml
16) T n-Octacosane (C28)	16.701	2114470	17.342 ug/ml
17) T n-Tricontane (C30)	17.581	2125244	17.876 ug/ml
18) T n-Dotriacontane (C32)	18.406	2066240	18.020 ug/ml
19) T n-Tetratriacontane (C34)	19.183	2061203	18.986 ug/mlm
20) T n-Hexatriacontane (C36)	19.915	2052441	19.994 ug/mlm
21) T n-Octatriacontane (C38)	20.622	1929668	19.887 ug/mlm
22) T n-Tetracontane (C40)	21.466	1985459	19.363 ug/ml

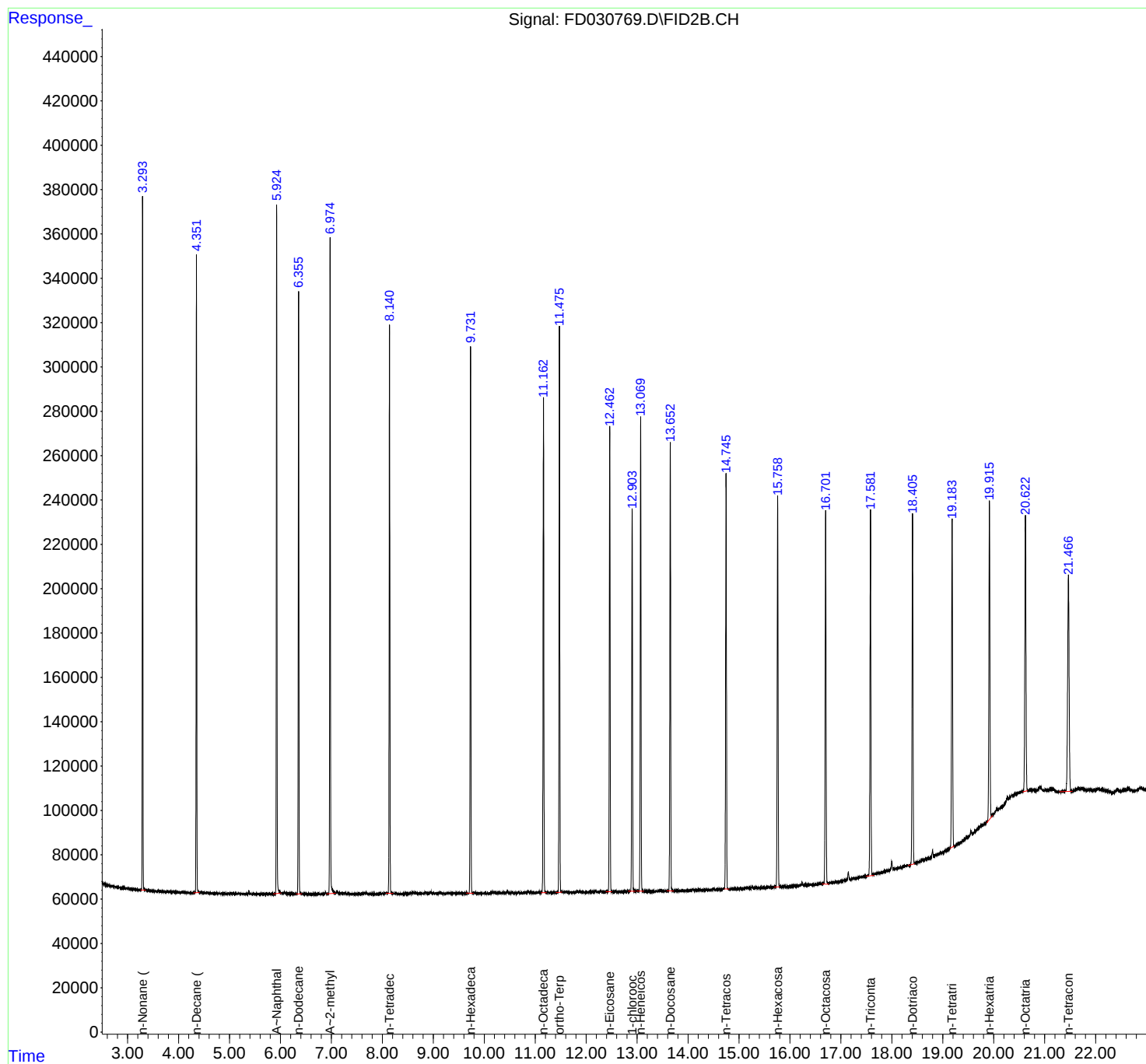
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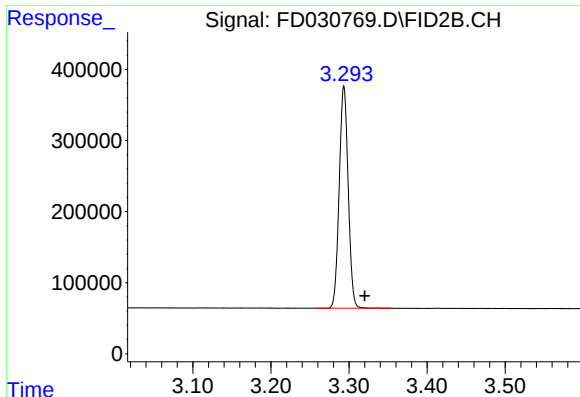
(m)=manual int.

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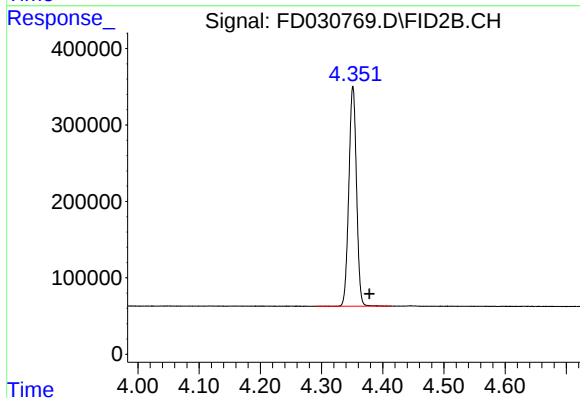
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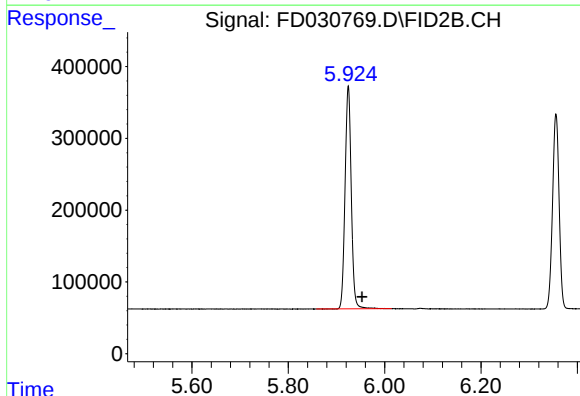
#1 n-Nonane (C9)

R.T.: 3.294 min
Delta R.T.: -0.026 min
Response: 2493183
Conc: 19.97 ug/ml



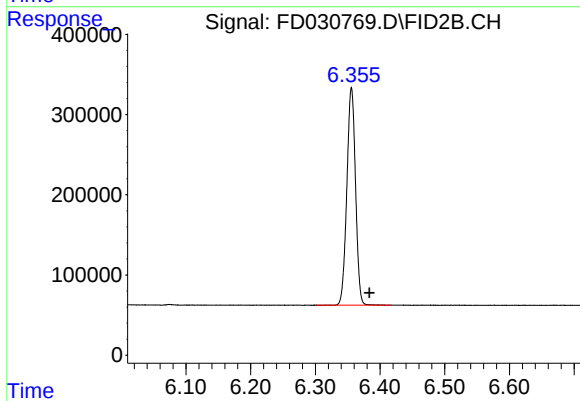
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.027 min
Response: 2502611
Conc: 20.00 ug/ml



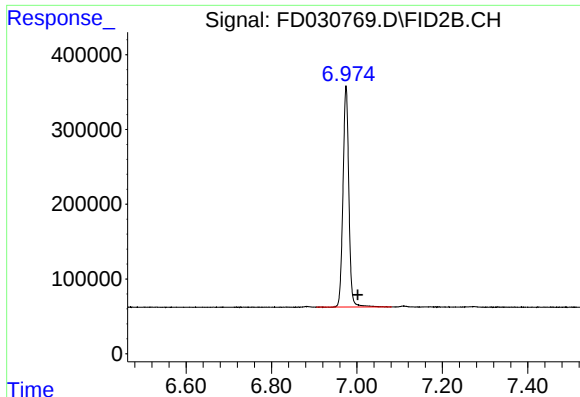
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.029 min
Response: 2789800
Conc: 19.89 ug/ml



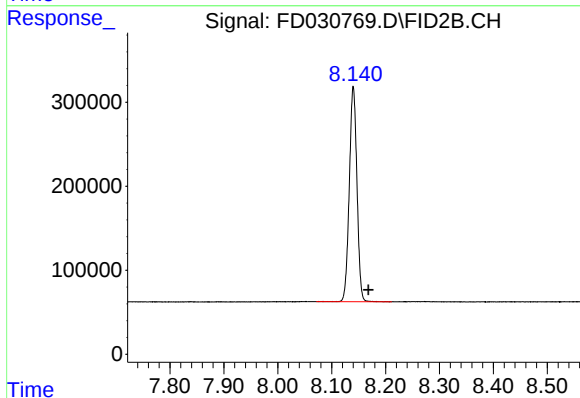
#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: -0.028 min
Response: 2527198
Conc: 19.98 ug/ml



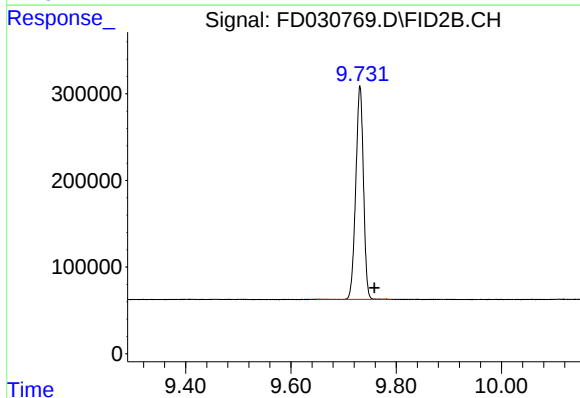
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.028 min
Response: 2813132
Conc: 19.85 ug/ml



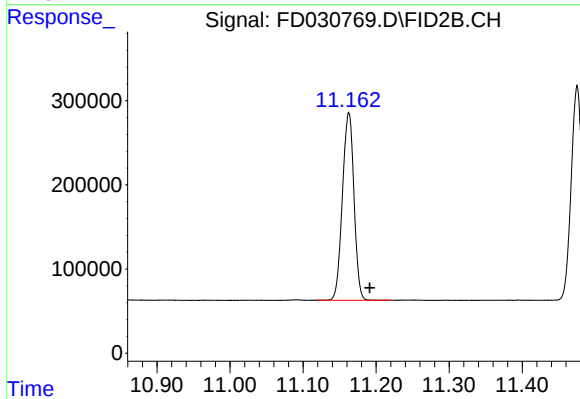
#6 n-Tetradecane (C14)

R.T.: 8.140 min
Delta R.T.: -0.028 min
Response: 2517958
Conc: 19.79 ug/ml



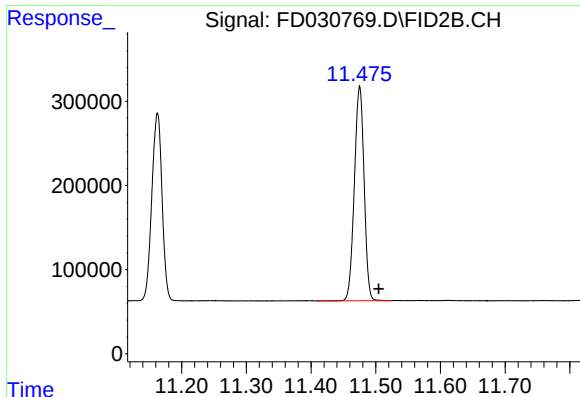
#7 n-Hexadecane (C16)

R.T.: 9.731 min
Delta R.T.: -0.027 min
Response: 2495625
Conc: 19.55 ug/ml



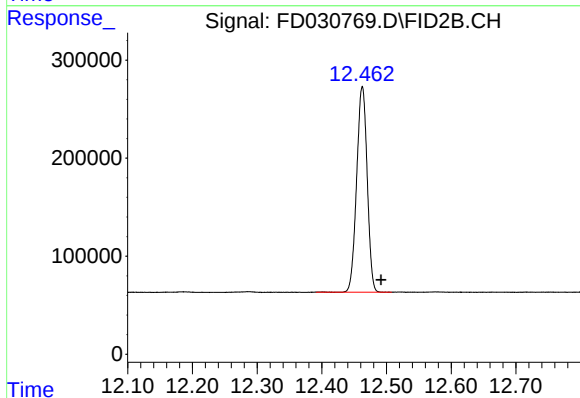
#8 n-Octadecane (C18)

R.T.: 11.162 min
Delta R.T.: -0.029 min
Response: 2452072
Conc: 19.13 ug/ml



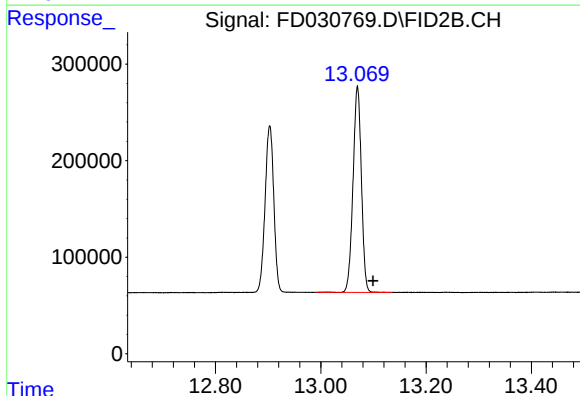
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.030 min
Response: 2655261
Conc: 18.26 ug/ml



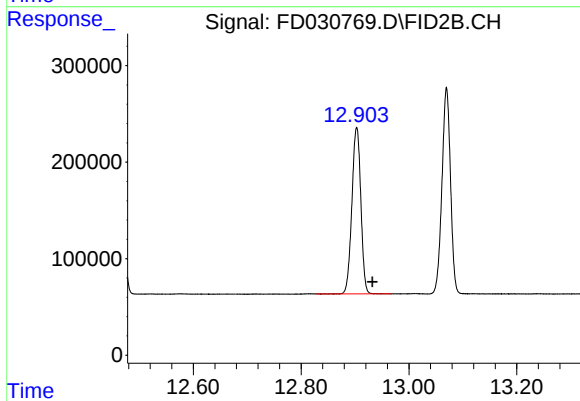
#10 n-Eicosane (C20)

R.T.: 12.463 min
Delta R.T.: -0.029 min
Response: 2369706
Conc: 18.59 ug/ml



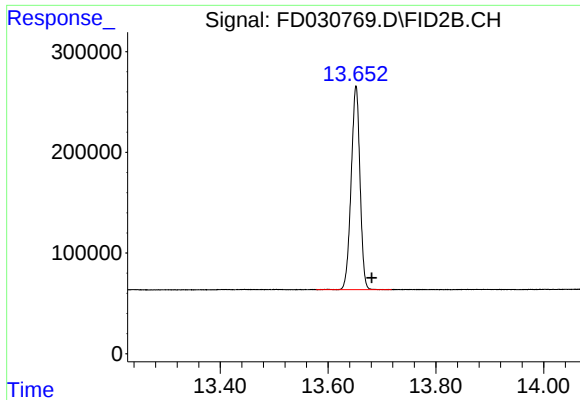
#11 n-Heneicosane (C21)

R.T.: 13.070 min
Delta R.T.: -0.029 min
Response: 2347803
Conc: 18.35 ug/ml



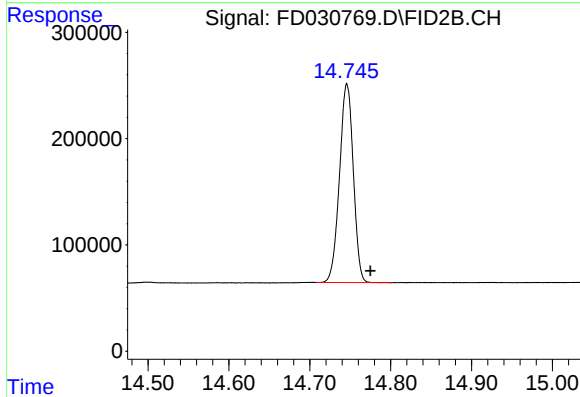
#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min
Delta R.T.: -0.029 min
Response: 1983467
Conc: 18.16 ug/ml



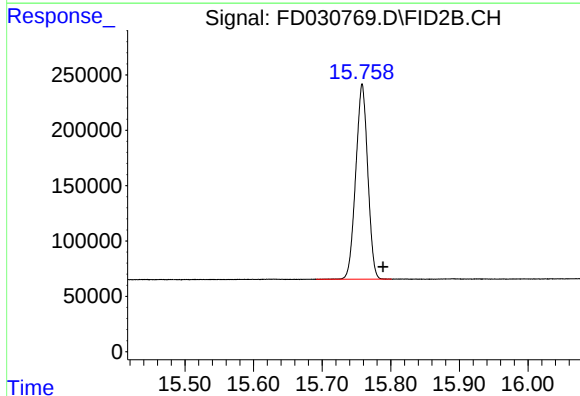
#13 n-Docosane (C22)

R.T.: 13.652 min
Delta R.T.: -0.029 min
Response: 2296324
Conc: 18.03 ug/ml



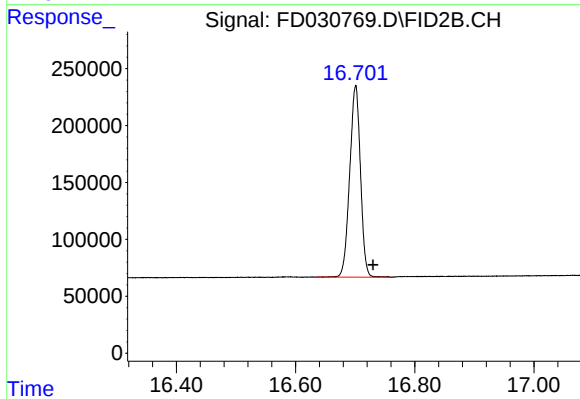
#14 n-Tetracosane (C24)

R.T.: 14.746 min
Delta R.T.: -0.029 min
Response: 2220303
Conc: 17.48 ug/ml



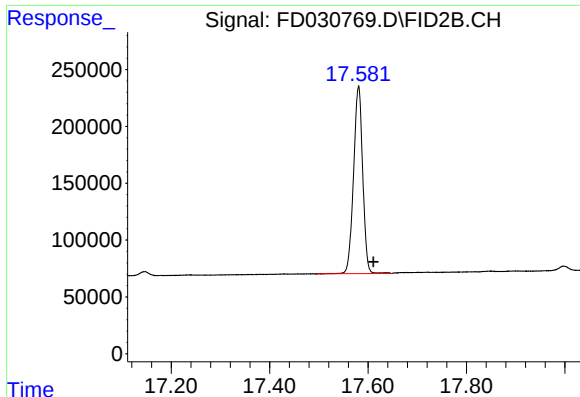
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: -0.030 min
Response: 2141909
Conc: 17.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: -0.030 min
Response: 2114470
Conc: 17.34 ug/ml



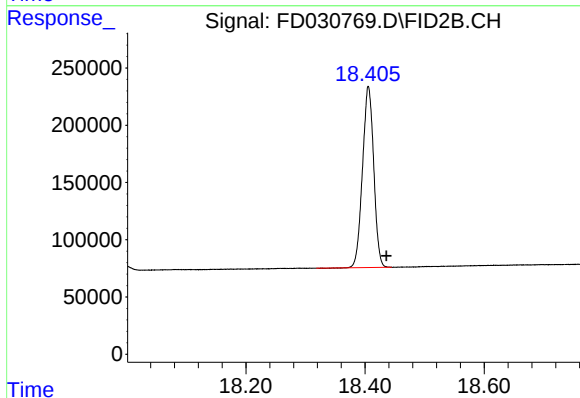
#17 n-Tricontane (C30)

R.T.: 17.581 min

Delta R.T.: -0.030 min

Response: 2125244

Conc: 17.88 ug/ml



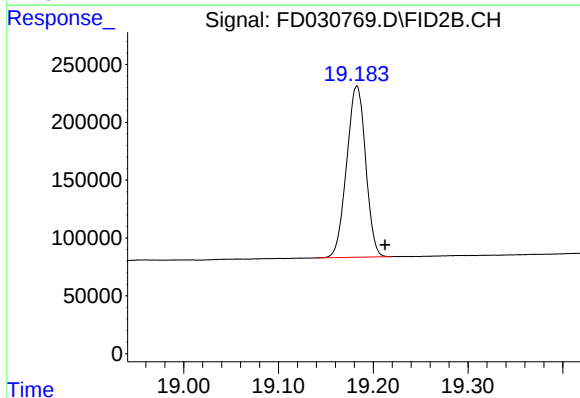
#18 n-Dotriacontane (C32)

R.T.: 18.406 min

Delta R.T.: -0.030 min

Response: 2066240

Conc: 18.02 ug/ml



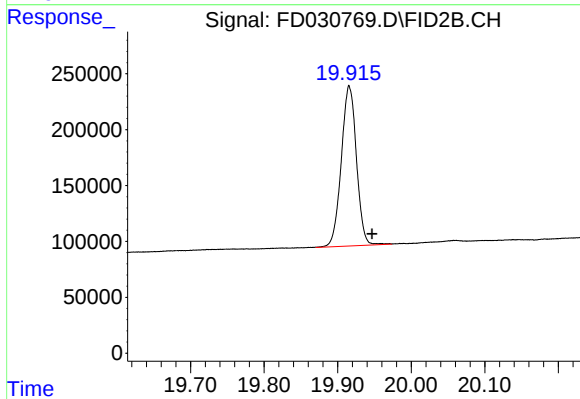
#19 n-Tetratriacontane (C34)

R.T.: 19.183 min

Delta R.T.: -0.030 min

Response: 2061203

Conc: 18.99 ug/ml m



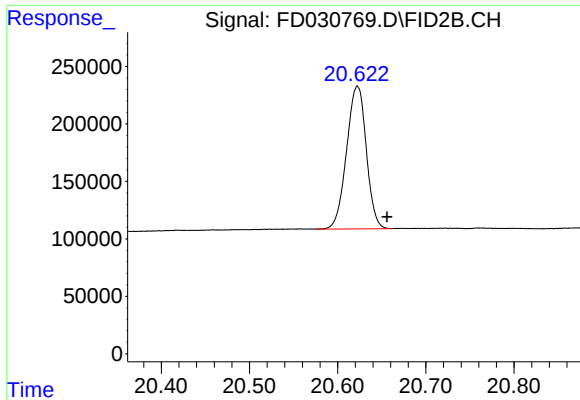
#20 n-Hexatriacontane (C36)

R.T.: 19.915 min

Delta R.T.: -0.032 min

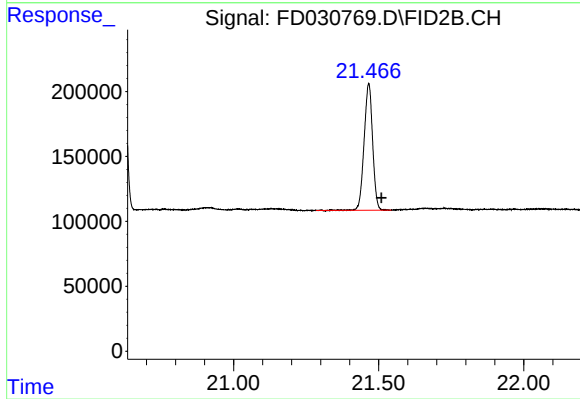
Response: 2052441

Conc: 19.99 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: -0.034 min
Response: 1929668
Conc: 19.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.466 min
Delta R.T.: -0.043 min
Response: 1985459
Conc: 19.36 ug/ml