

Data Path : P:\HPCHEM1\FID_D\Data\FD042618AL\
 Data File : FD023290.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2018 19:30
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 26 02:07:23 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 041718.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 18 01:21:26 2018
 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)	11.144	2621899	20.200 ug/mlm
Spiked Amount 50.000		Recovery =	40.40%
12) S 1-chlorooctadecane (S...	12.582	2124540	19.894 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T n-Nonane (C9)	3.013	2558761	20.790 ug/ml
2) T n-Decane (C10)	4.058	2597003	20.759 ug/ml
3) T A~Naphthalene (C11.7)	5.615	2757701	21.834 ug/ml
4) T n-Dodecane (C12)	6.053	2657946	20.652 ug/ml
5) T A~2-methylnaphthalene...	6.661	2613298	20.669 ug/mlm
6) T n-Tetradecane (C14)	7.830	2624364	20.121 ug/ml
7) T n-Hexadecane (C16)	9.416	2590923	20.075 ug/mlm
8) T n-Octadecane (C18)	10.845	2474536	19.786 ug/mlm
10) T n-Eicosane (C20)	12.143	2458350	19.777 ug/ml
11) T n-Heneicosane (C21)	12.750	2433956	19.897 ug/mlm
13) T n-Docosane (C22)	13.333	2468879	20.353 ug/ml
14) T n-Tetracosane (C24)	14.427	2544410	21.475 ug/ml
15) T n-Hexacosane (C26)	15.441	2585802	22.206 ug/ml
16) T n-Octacosane (C28)	16.383	2703261	22.951 ug/ml
17) T n-Tricontane (C30)	17.265	2698504	23.117 ug/ml
18) T n-Dotriacontane (C32)	18.091	2708897	22.390 ug/ml
19) T n-Tetratriacontane (C34)	18.868	2664727	21.954 ug/mlm
20) T n-Hexatriacontane (C36)	19.604	2604589	21.534 ug/mlm
21) T n-Octatriacontane (C38)	20.300	2593777	21.259 ug/ml
22) T n-Tetracontane (C40)	21.045	2411454	19.123 ug/mlm

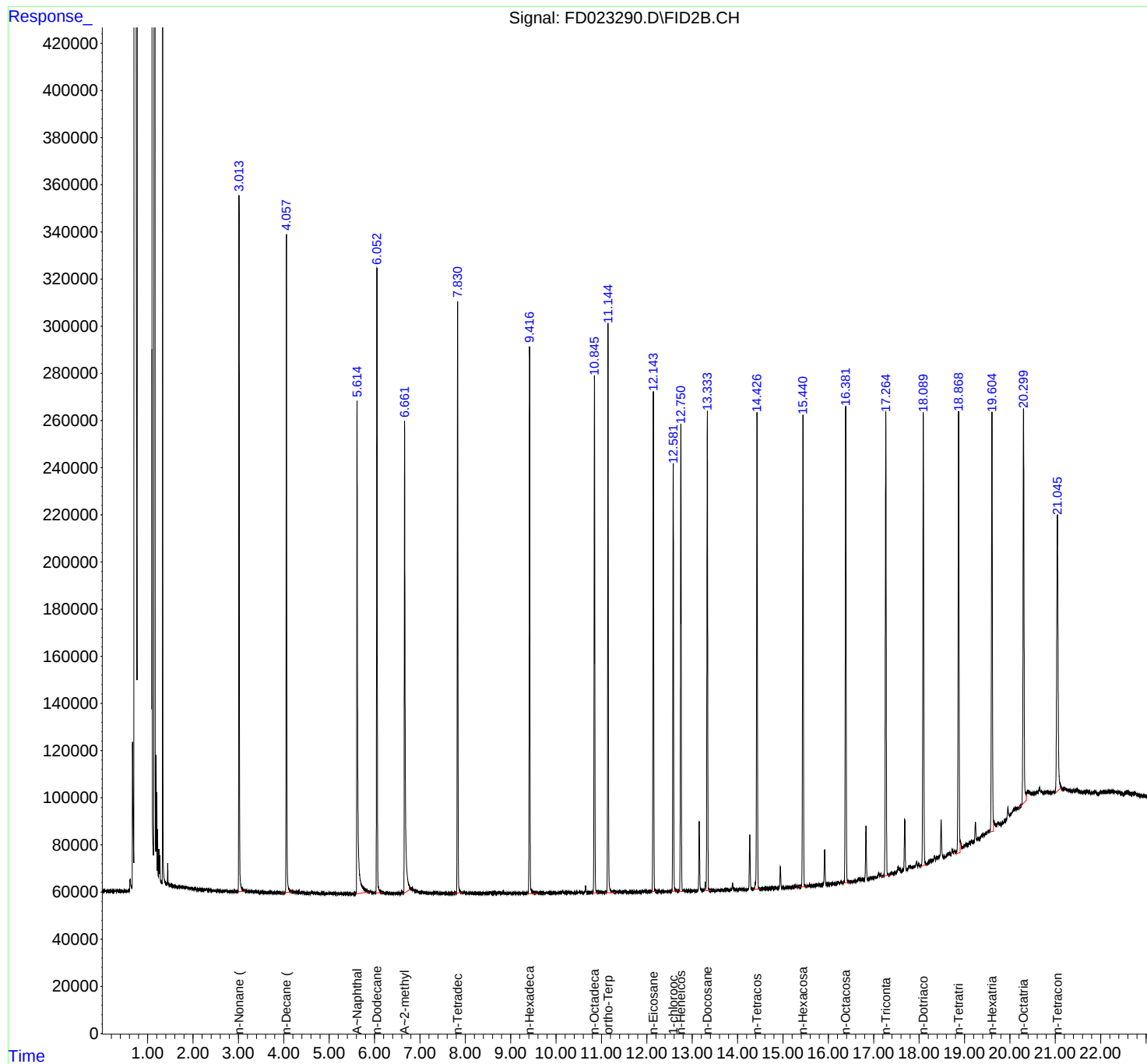
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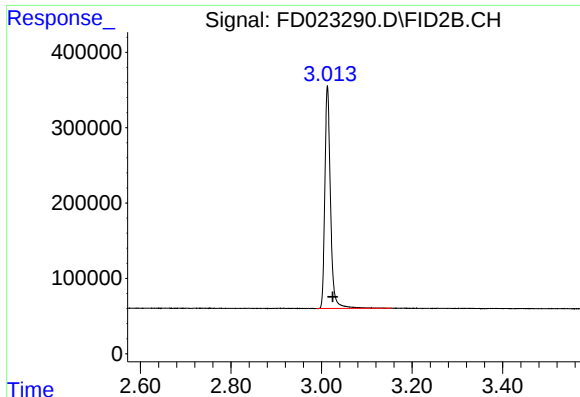
(m)=manual int.

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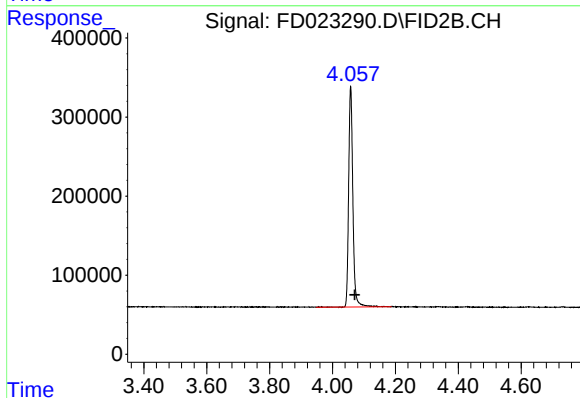
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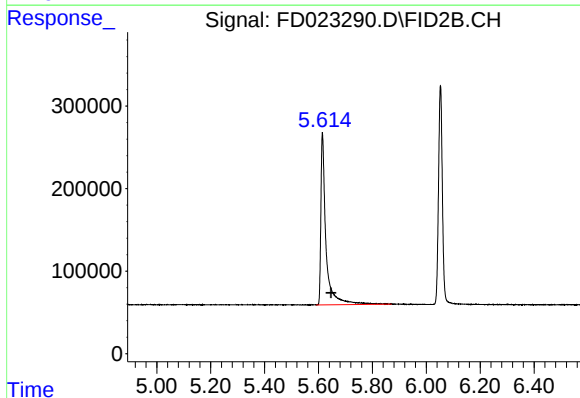
#1 n-Nonane (C9)

R.T.: 3.013 min
Delta R.T.: -0.011 min
Response: 2558761
Conc: 20.79 ug/ml



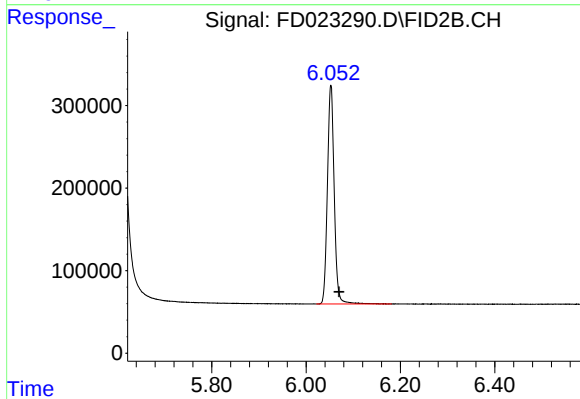
#2 n-Decane (C10)

R.T.: 4.058 min
Delta R.T.: -0.013 min
Response: 2597003
Conc: 20.76 ug/ml



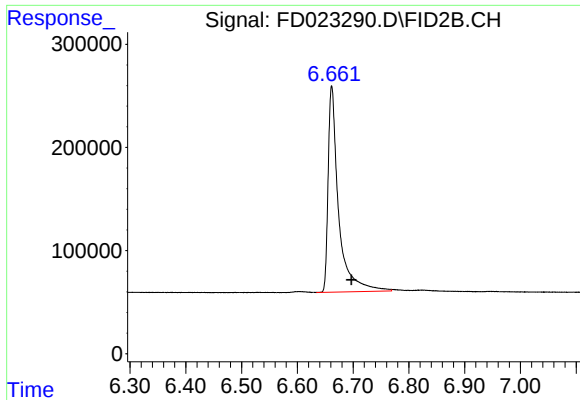
#3 A~Naphthalene (C11.7)

R.T.: 5.615 min
Delta R.T.: -0.032 min
Response: 2757701
Conc: 21.83 ug/ml



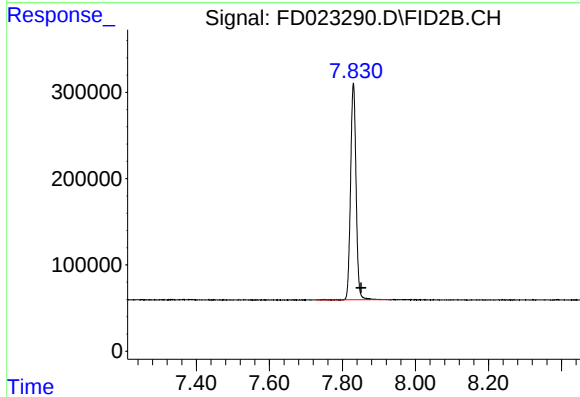
#4 n-Dodecane (C12)

R.T.: 6.053 min
Delta R.T.: -0.018 min
Response: 2657946
Conc: 20.65 ug/ml



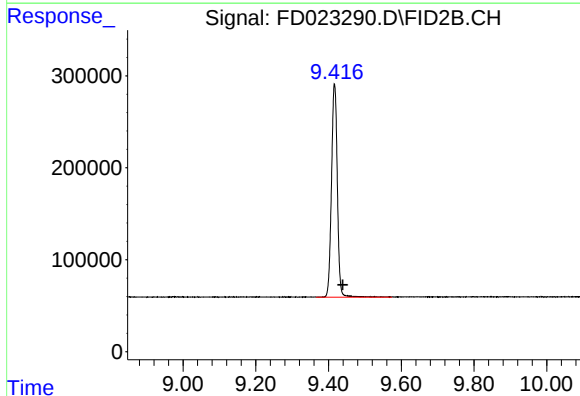
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.661 min
Delta R.T.: -0.036 min
Response: 2613298
Conc: 20.67 ug/ml m



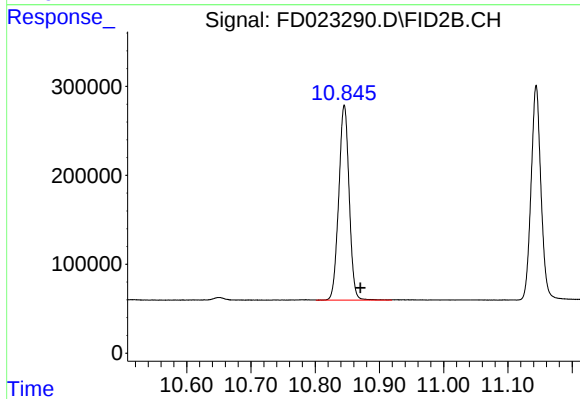
#6 n-Tetradecane (C14)

R.T.: 7.830 min
Delta R.T.: -0.021 min
Response: 2624364
Conc: 20.12 ug/ml



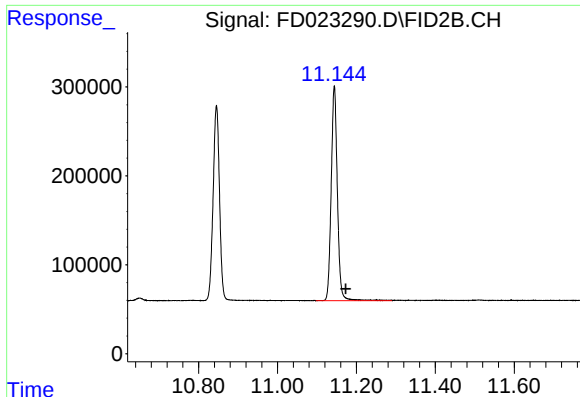
#7 n-Hexadecane (C16)

R.T.: 9.416 min
Delta R.T.: -0.024 min
Response: 2590923
Conc: 20.07 ug/ml m



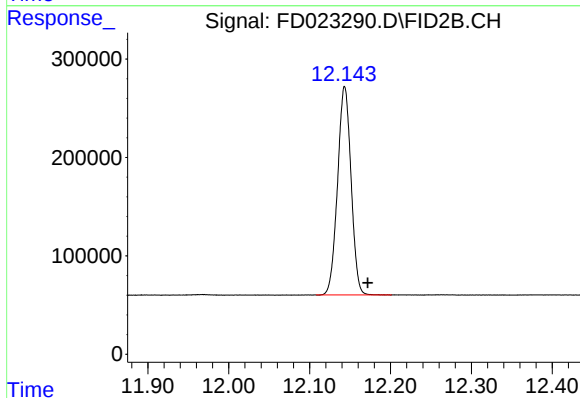
#8 n-Octadecane (C18)

R.T.: 10.845 min
Delta R.T.: -0.026 min
Response: 2474536
Conc: 19.79 ug/ml m



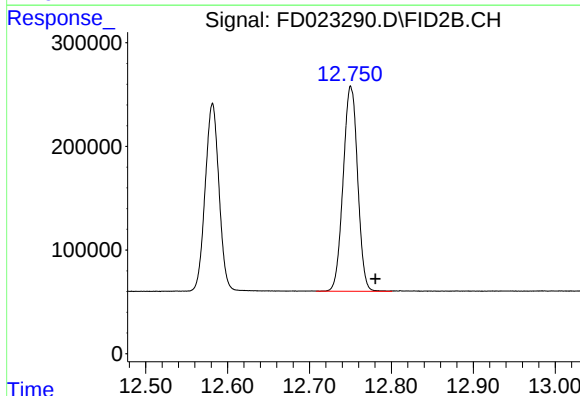
#9 ortho-Terphenyl (SURR)

R.T.: 11.144 min
Delta R.T.: -0.029 min
Response: 2621899
Conc: 20.20 ug/ml m



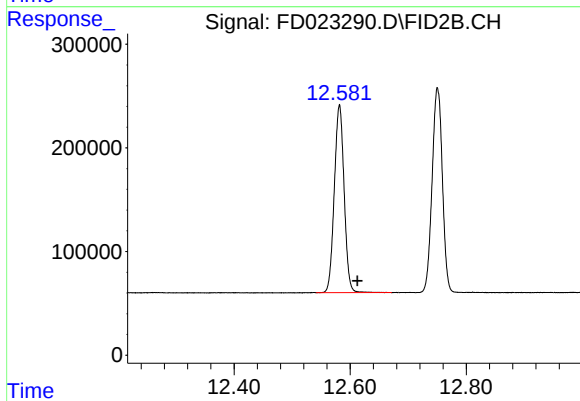
#10 n-Eicosane (C20)

R.T.: 12.143 min
Delta R.T.: -0.029 min
Response: 2458350
Conc: 19.78 ug/ml



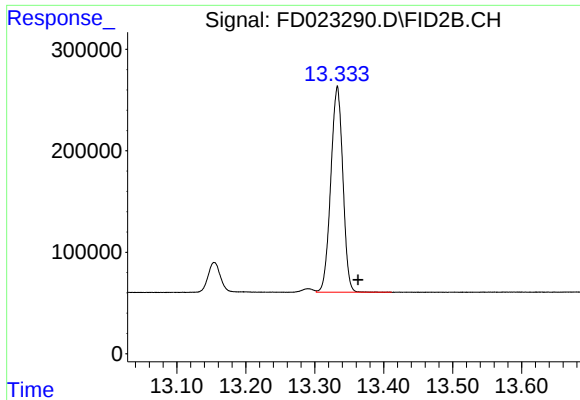
#11 n-Heneicosane (C21)

R.T.: 12.750 min
Delta R.T.: -0.031 min
Response: 2433956
Conc: 19.90 ug/ml m



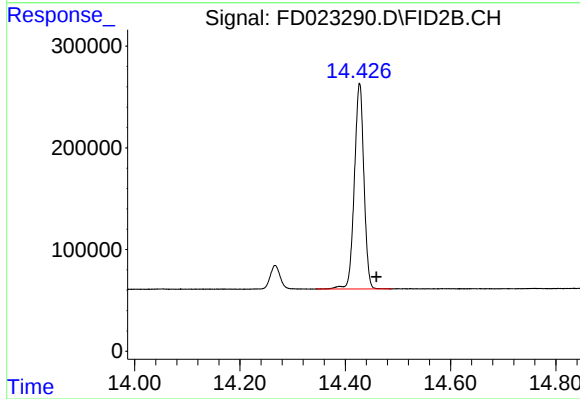
#12 1-chlorooctadecane (SURR)

R.T.: 12.582 min
Delta R.T.: -0.031 min
Response: 2124540
Conc: 19.89 ug/ml



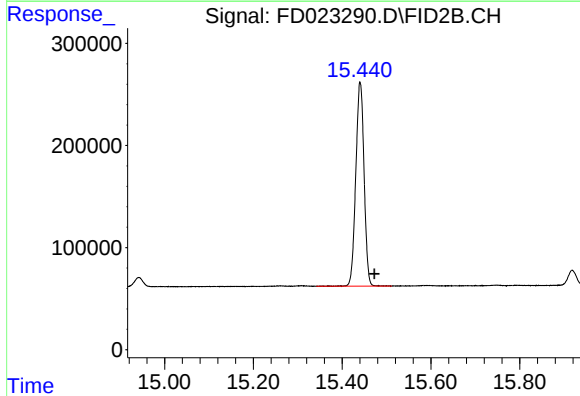
#13 n-Docosane (C22)

R.T.: 13.333 min
Delta R.T.: -0.030 min
Response: 2468879
Conc: 20.35 ug/ml



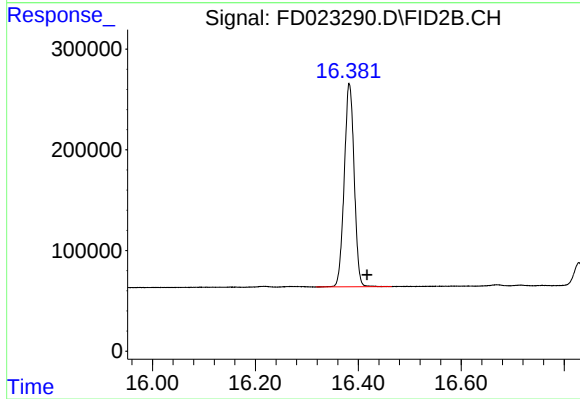
#14 n-Tetracosane (C24)

R.T.: 14.427 min
Delta R.T.: -0.032 min
Response: 2544410
Conc: 21.47 ug/ml



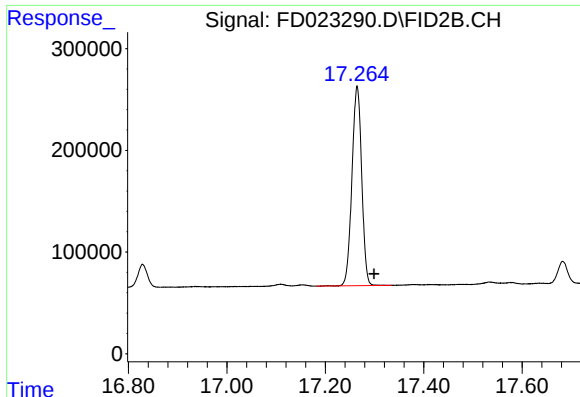
#15 n-Hexacosane (C26)

R.T.: 15.441 min
Delta R.T.: -0.032 min
Response: 2585802
Conc: 22.21 ug/ml



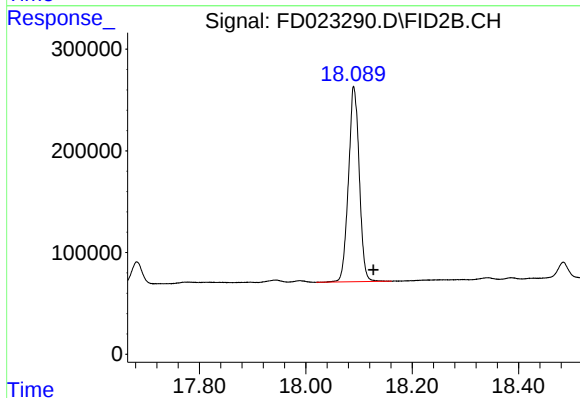
#16 n-Octacosane (C28)

R.T.: 16.383 min
Delta R.T.: -0.034 min
Response: 2703261
Conc: 22.95 ug/ml



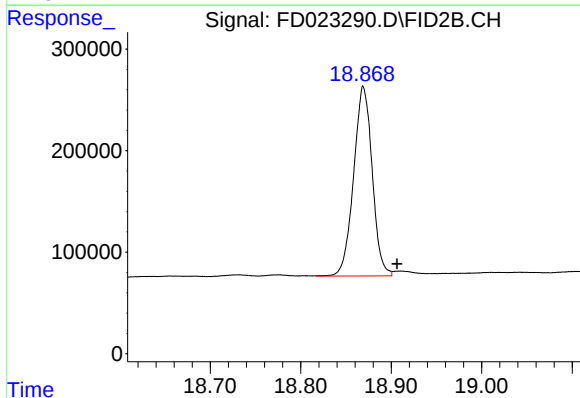
#17 n-Tricontane (C30)

R.T.: 17.265 min
Delta R.T.: -0.035 min
Response: 2698504
Conc: 23.12 ug/ml



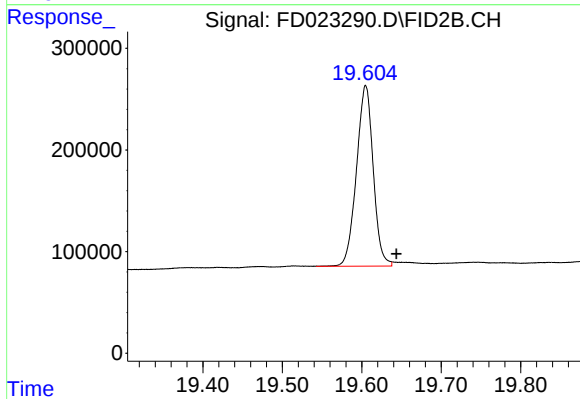
#18 n-Dotriacontane (C32)

R.T.: 18.091 min
Delta R.T.: -0.037 min
Response: 2708897
Conc: 22.39 ug/ml



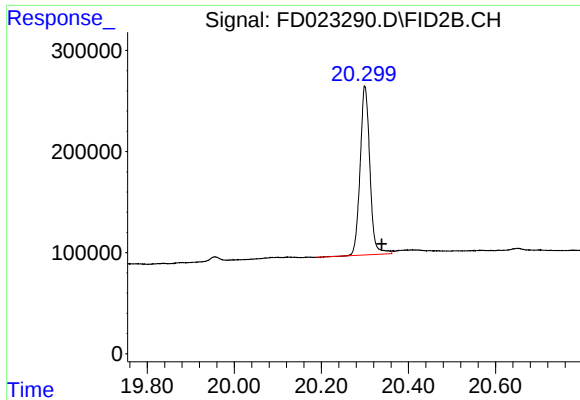
#19 n-Tetratriacontane (C34)

R.T.: 18.868 min
Delta R.T.: -0.038 min
Response: 2664727
Conc: 21.95 ug/ml m



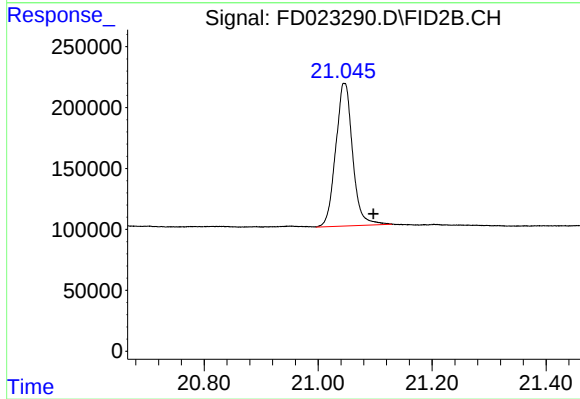
#20 n-Hexatriacontane (C36)

R.T.: 19.604 min
Delta R.T.: -0.039 min
Response: 2604589
Conc: 21.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.300 min
Delta R.T.: -0.039 min
Response: 2593777
Conc: 21.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.045 min
Delta R.T.: -0.053 min
Response: 2411454
Conc: 19.12 ug/ml m