

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111220AL\
 Data File : FD035504.D
 Signal(s) : FID2B.CH
 Acq On : 13 Nov 2020 10:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 13 10:28:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 2020
 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)	11.538	2609289	20.058 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
12) S 1-chlorooctadecane (S...	12.969	2069140	19.854 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.324	2436851	21.641 ug/ml
2) T n-Decane (C10)	4.389	2456267	21.736 ug/ml
3) T A~Naphthalene (C11.7)	5.971	2671725	21.846 ug/ml
4) T n-Dodecane (C12)	6.401	2507255	21.686 ug/ml
5) T A~2-methylnaphthalene...	7.024	2718902	21.730 ug/ml
6) T n-Tetradecane (C14)	8.190	2509112	21.788 ug/ml
7) T n-Hexadecane (C16)	9.785	2458131	21.513 ug/ml
8) T n-Octadecane (C18)	11.222	2527297	20.943 ug/ml
10) T n-Eicosane (C20)	12.526	2505221	20.429 ug/ml
11) T n-Heneicosane (C21)	13.136	2465101	20.050 ug/ml
13) T n-Docosane (C22)	13.720	2478765	20.102 ug/ml
14) T n-Tetracosane (C24)	14.819	2472396	19.984 ug/ml
15) T n-Hexacosane (C26)	15.836	2406005	19.547 ug/ml
16) T n-Octacosane (C28)	16.781	2380878	19.338 ug/ml
17) T n-Tricontane (C30)	17.664	2338073	19.346 ug/ml
18) T n-Dotriacontane (C32)	18.493	2191760	19.493 ug/ml
19) T n-Tetratriacontane (C34)	19.273	1972146	18.790 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2038571	21.281 ug/ml
21) T n-Octatriacontane (C38)	20.730	4222501	47.537 ug/ml
22) T n-Tetracontane (C40)	21.611	1813368	20.662 ug/ml

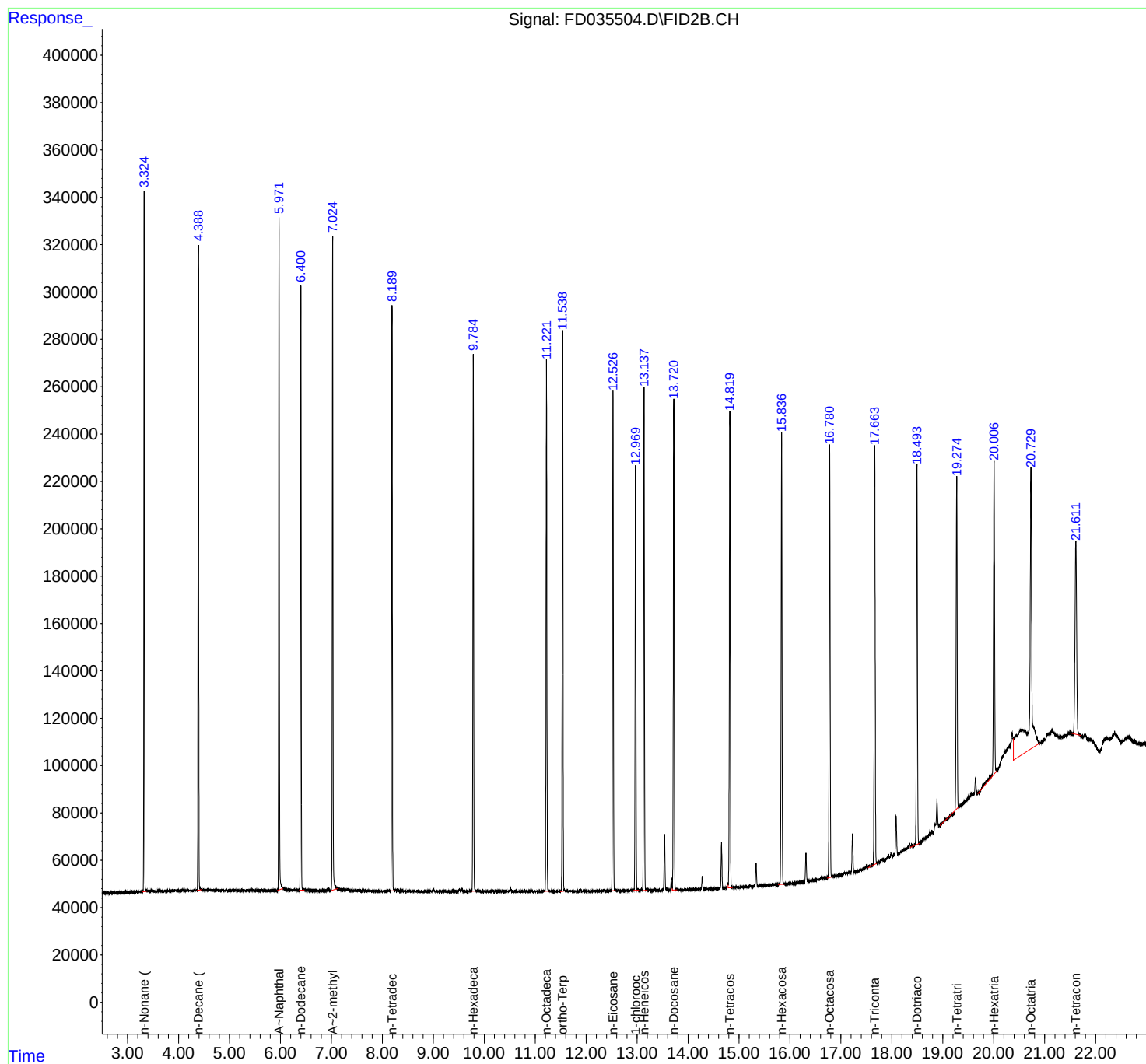
(f)=RT Delta > 1/2 Window

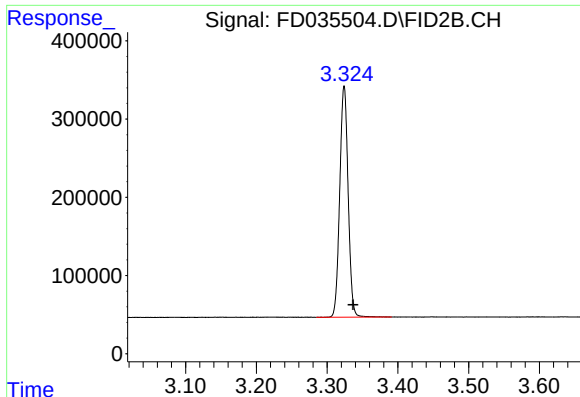
(m)=manual int.

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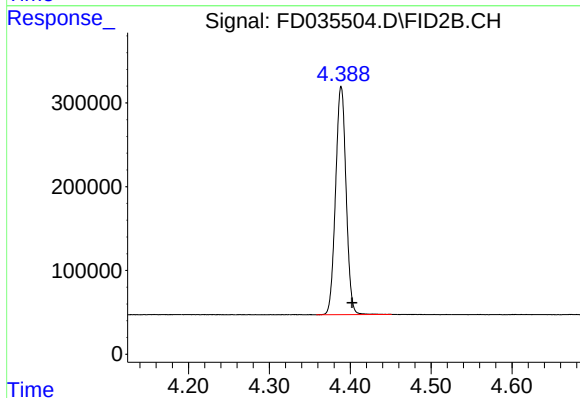
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Signal Info : 20M x 0.18mm x 0.18um





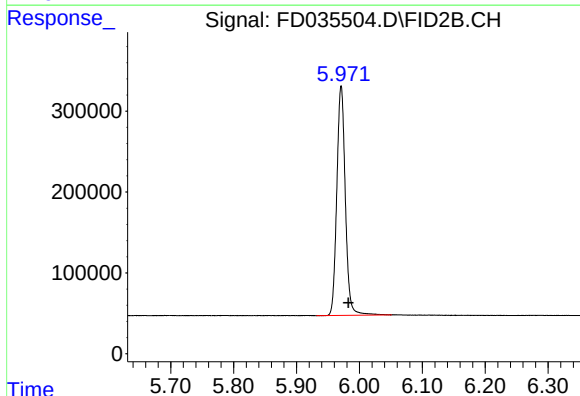
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.013 min
Response: 2436851
Conc: 21.64 ug/ml



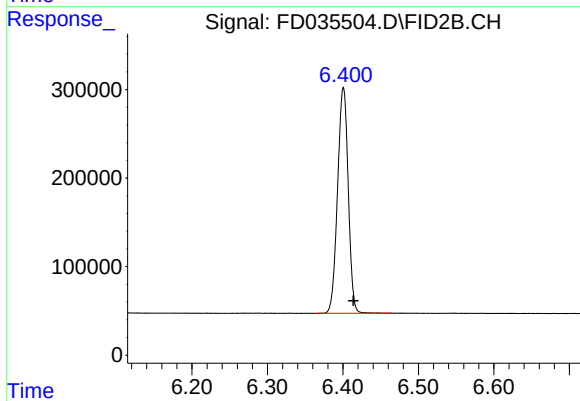
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.014 min
Response: 2456267
Conc: 21.74 ug/ml



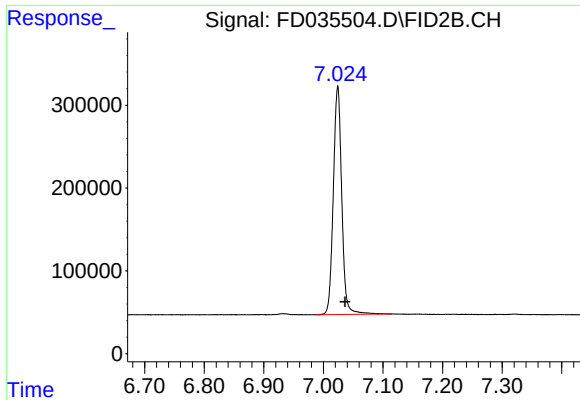
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.012 min
Response: 2671725
Conc: 21.85 ug/ml



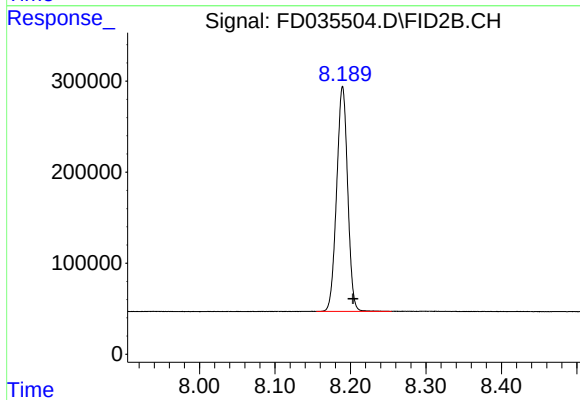
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.013 min
Response: 2507255
Conc: 21.69 ug/ml



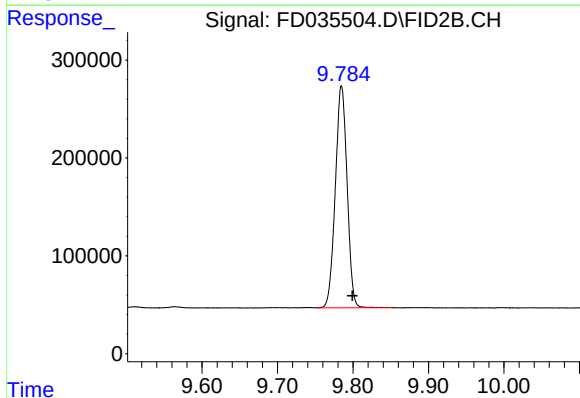
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.012 min
Response: 2718902
Conc: 21.73 ug/ml



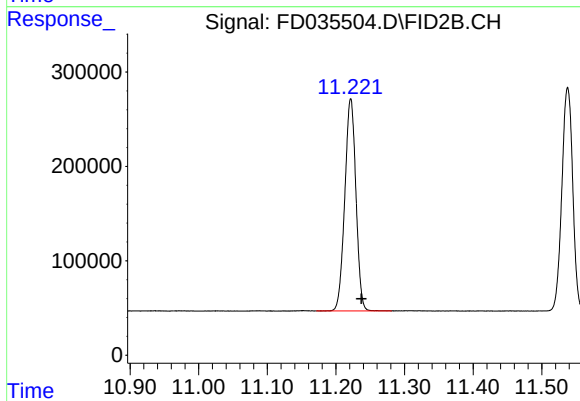
#6 n-Tetradecane (C14)

R.T.: 8.190 min
Delta R.T.: -0.014 min
Response: 2509112
Conc: 21.79 ug/ml



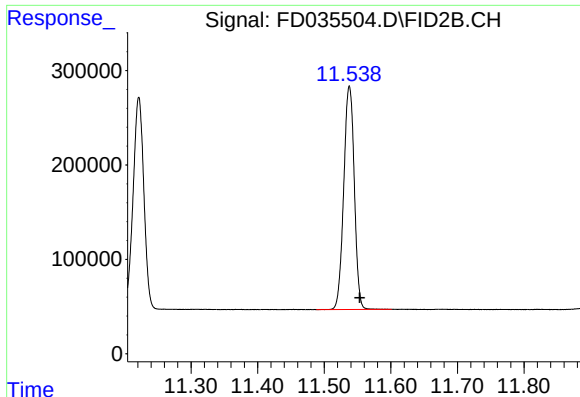
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.014 min
Response: 2458131
Conc: 21.51 ug/ml



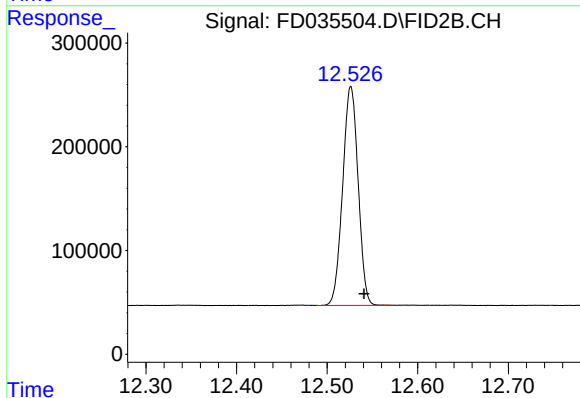
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.016 min
Response: 2527297
Conc: 20.94 ug/ml



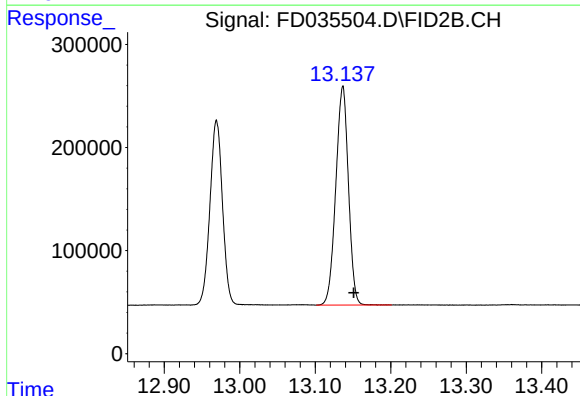
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.015 min
Response: 2609289
Conc: 20.06 ug/ml



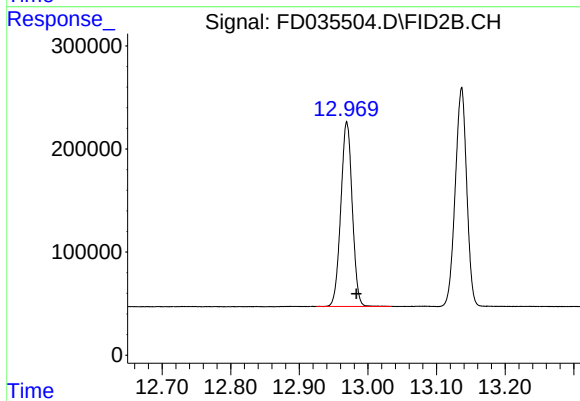
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.015 min
Response: 2505221
Conc: 20.43 ug/ml



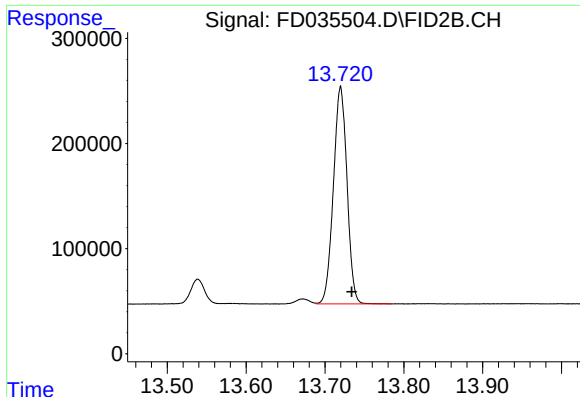
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.015 min
Response: 2465101
Conc: 20.05 ug/ml



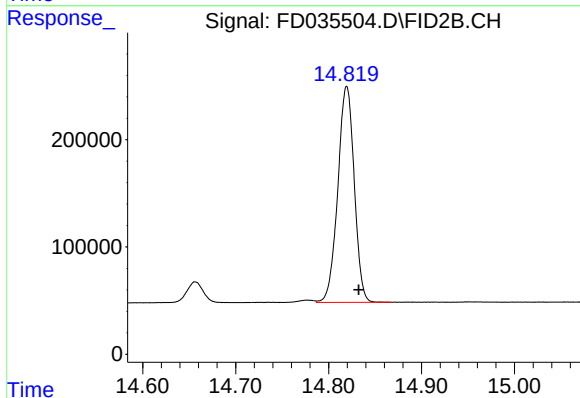
#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.014 min
Response: 2069140
Conc: 19.85 ug/ml



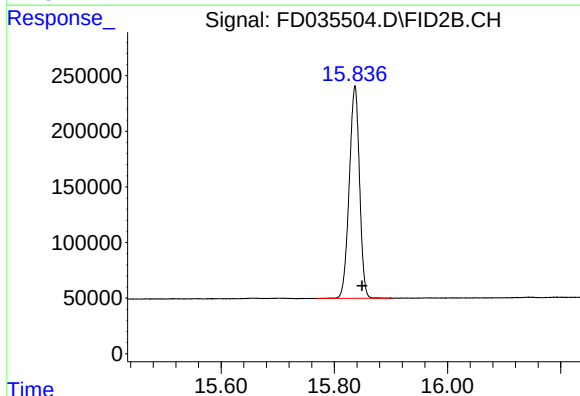
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.014 min
Response: 2478765
Conc: 20.10 ug/ml



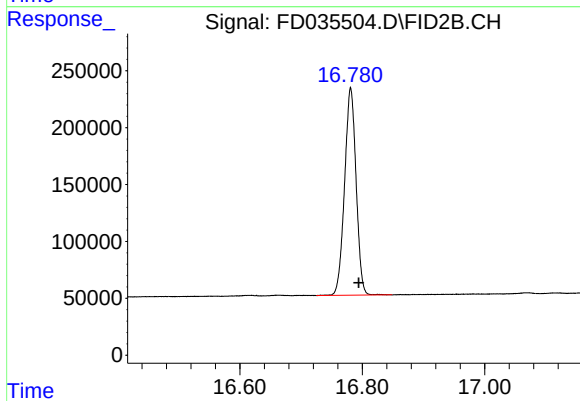
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.013 min
Response: 2472396
Conc: 19.98 ug/ml



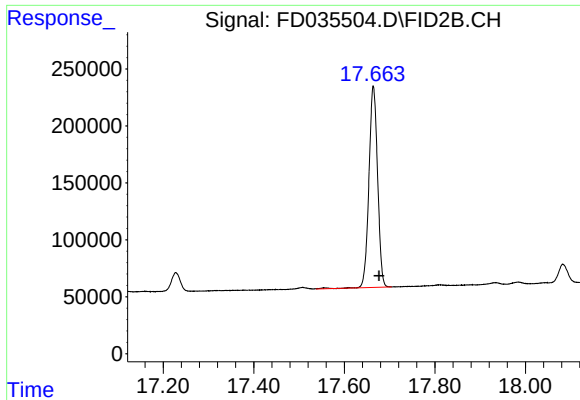
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.013 min
Response: 2406005
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.013 min
Response: 2380878
Conc: 19.34 ug/ml



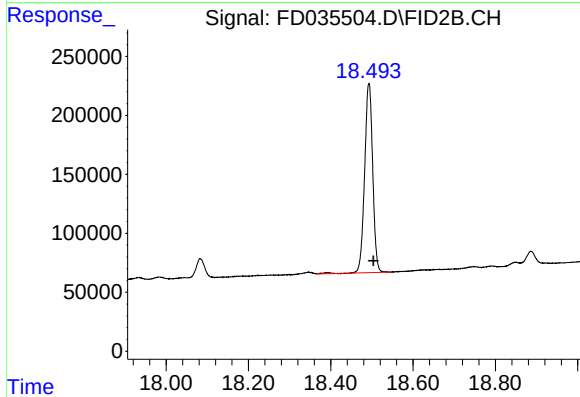
#17 n-Tricontane (C30)

R.T.: 17.664 min

Delta R.T.: -0.012 min

Response: 2338073

Conc: 19.35 ug/ml



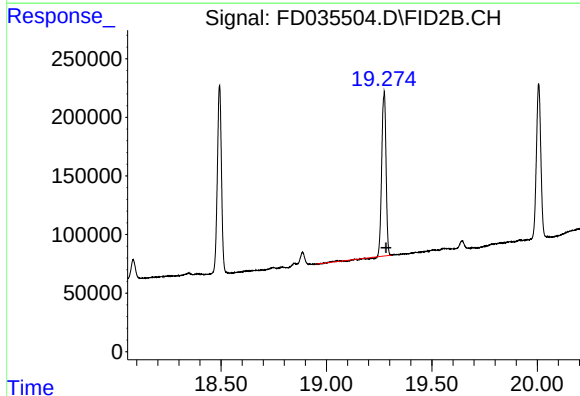
#18 n-Dotriacontane (C32)

R.T.: 18.493 min

Delta R.T.: -0.011 min

Response: 2191760

Conc: 19.49 ug/ml



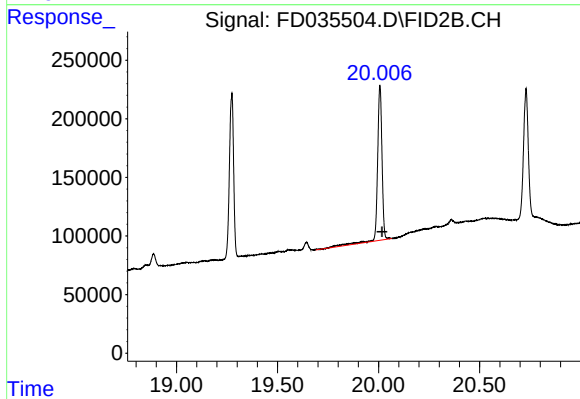
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min

Delta R.T.: -0.010 min

Response: 1972146

Conc: 18.79 ug/ml



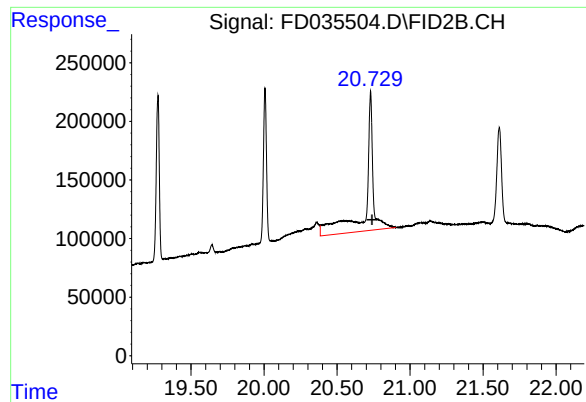
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min

Delta R.T.: -0.011 min

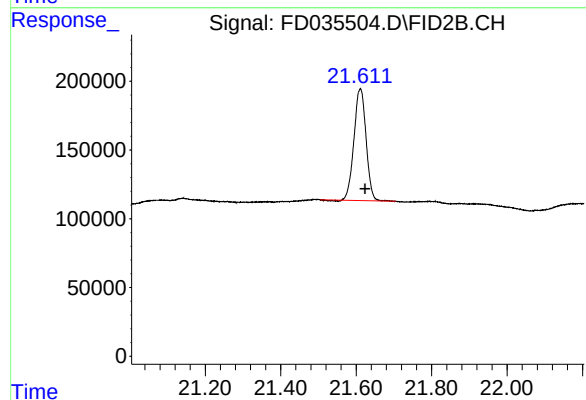
Response: 2038571

Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.011 min
Response: 4222501
Conc: 47.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.611 min
Delta R.T.: -0.013 min
Response: 1813368
Conc: 20.66 ug/ml