

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112020AL\
 Data File : FD035617.D
 Signal(s) : FID2B.CH
 Acq On : 21 Nov 2020 15:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 23 00:05:33 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)	11.522	2799962	21.524 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
12) S 1-chlorooctadecane (S...	12.952	2213399	21.238 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
Target Compounds			
1) T n-Nonane (C9)	3.312	2484070	22.060 ug/ml
2) T n-Decane (C10)	4.377	2531131	22.399 ug/ml
3) T A~Naphthalene (C11.7)	5.958	2767762	22.632 ug/ml
4) T n-Dodecane (C12)	6.388	2605150	22.533 ug/ml
5) T A~2-methylnaphthalene...	7.009	2835068	22.658 ug/ml
6) T n-Tetradecane (C14)	8.175	2617777	22.731 ug/ml
7) T n-Hexadecane (C16)	9.770	2575598	22.541 ug/ml
8) T n-Octadecane (C18)	11.205	2671732	22.140 ug/ml
10) T n-Eicosane (C20)	12.511	2664491	21.728 ug/ml
11) T n-Heneicosane (C21)	13.119	2631498	21.403 ug/ml
13) T n-Docosane (C22)	13.703	2621679	21.261 ug/ml
14) T n-Tetracosane (C24)	14.800	2606855	21.071 ug/ml
15) T n-Hexacosane (C26)	15.816	2520183	20.475 ug/ml
16) T n-Octacosane (C28)	16.760	2485073	20.184 ug/ml
17) T n-Tricontane (C30)	17.643	2446280	20.241 ug/ml
18) T n-Dotriacontane (C32)	18.470	2297916	20.437 ug/ml
19) T n-Tetratriacontane (C34)	19.249	2128944	20.284 ug/ml
20) T n-Hexatriacontane (C36)	19.983	1973595	20.602 ug/ml
21) T n-Octatriacontane (C38)	20.703	1750164	19.703 ug/ml
22) T n-Tetracontane (C40)	21.574	1708644	19.469 ug/ml

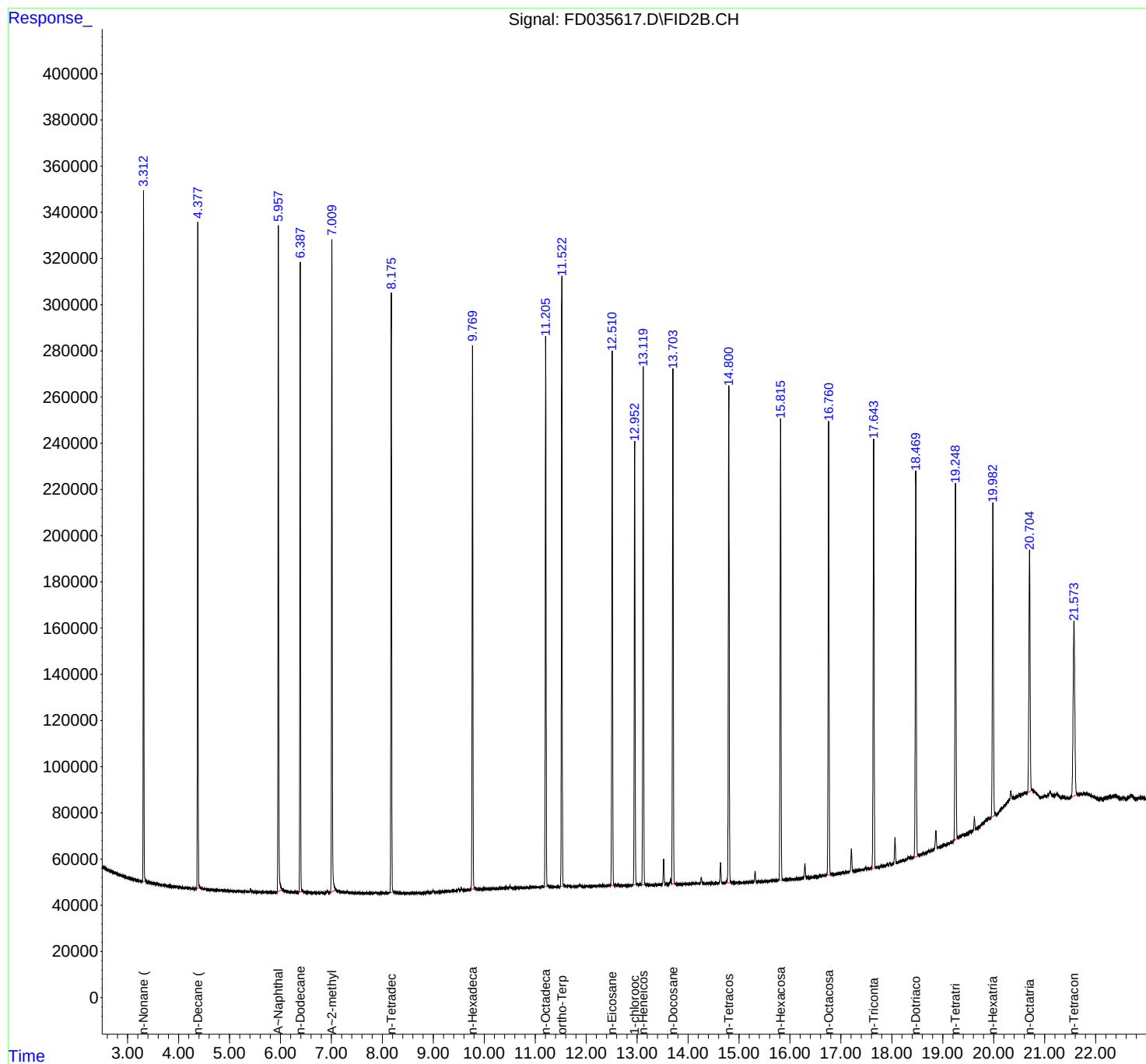
(f)=RT Delta > 1/2 Window

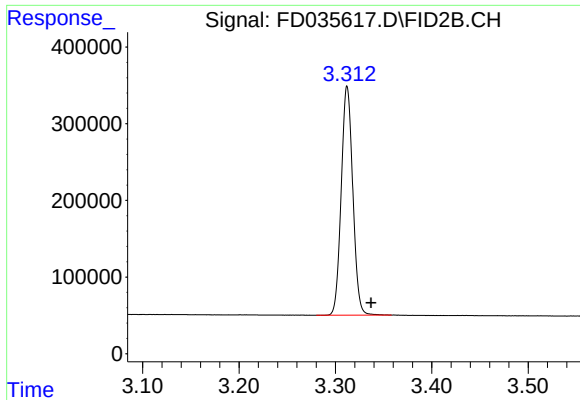
(m)=manual int.

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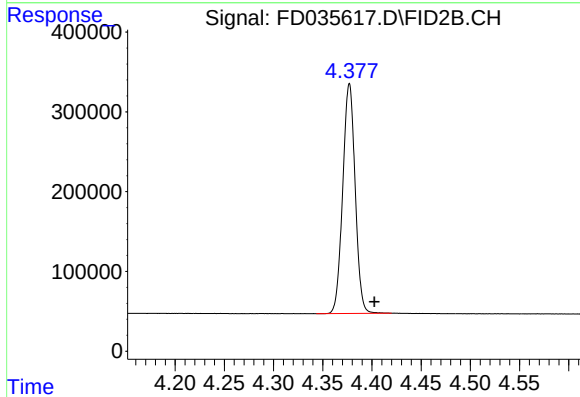
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





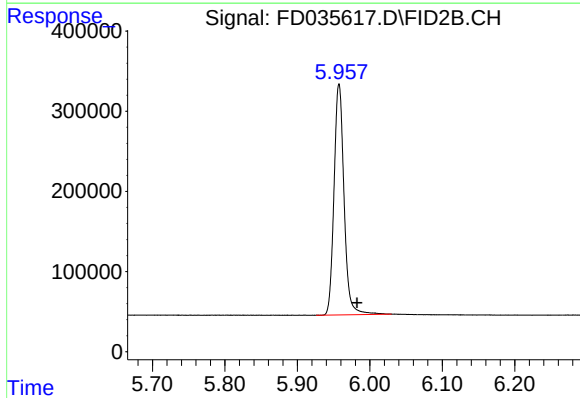
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.025 min
Response: 2484070
Conc: 22.06 ug/ml



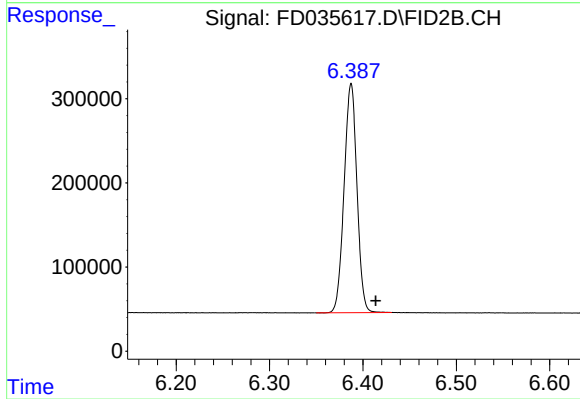
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.025 min
Response: 2531131
Conc: 22.40 ug/ml



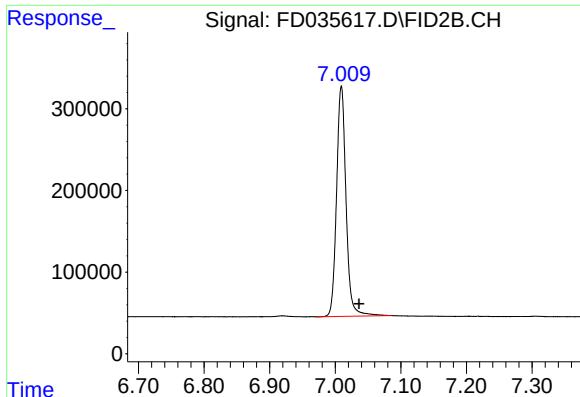
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.025 min
Response: 2767762
Conc: 22.63 ug/ml



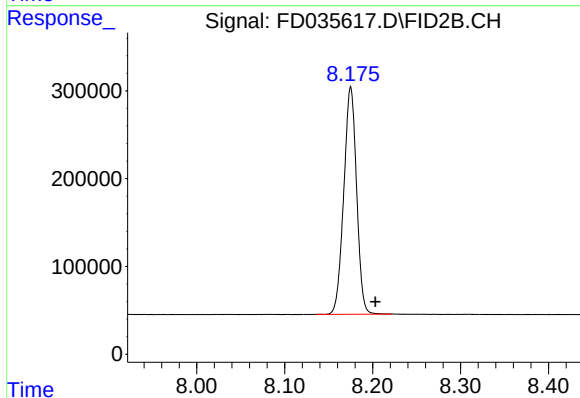
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.026 min
Response: 2605150
Conc: 22.53 ug/ml



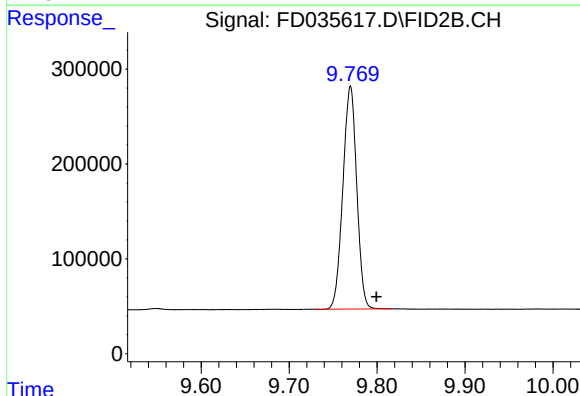
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.027 min
Response: 2835068
Conc: 22.66 ug/ml



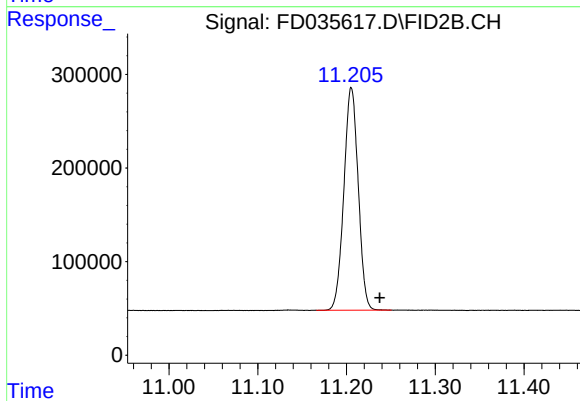
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.028 min
Response: 2617777
Conc: 22.73 ug/ml



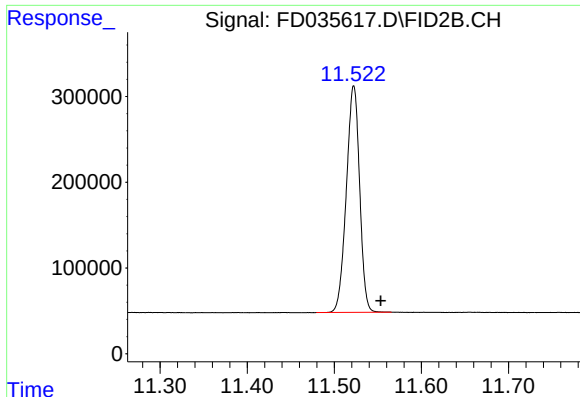
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.029 min
Response: 2575598
Conc: 22.54 ug/ml



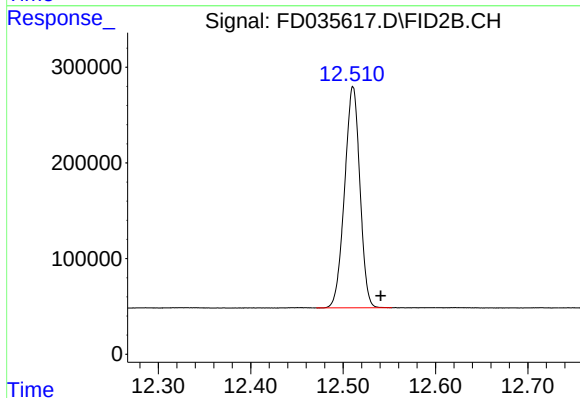
#8 n-Octadecane (C18)

R.T.: 11.205 min
Delta R.T.: -0.032 min
Response: 2671732
Conc: 22.14 ug/ml



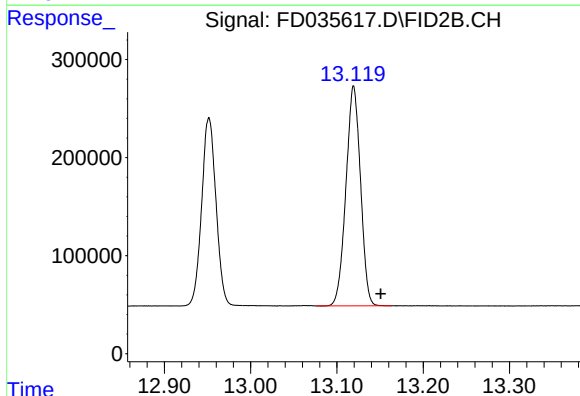
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.031 min
Response: 2799962
Conc: 21.52 ug/ml



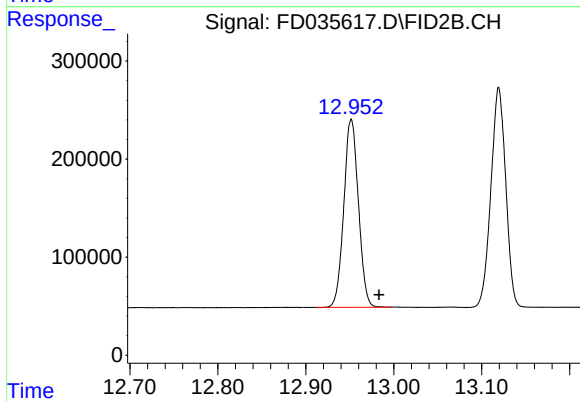
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.030 min
Response: 2664491
Conc: 21.73 ug/ml



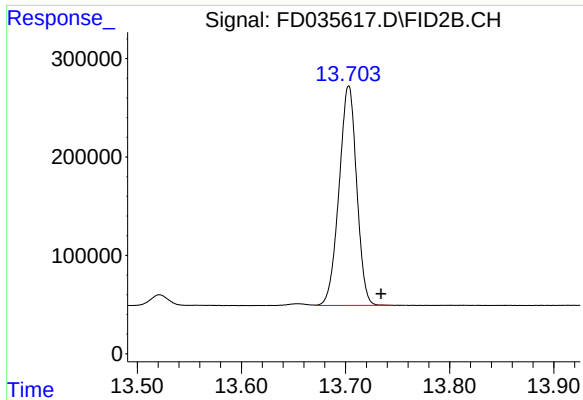
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: -0.032 min
Response: 2631498
Conc: 21.40 ug/ml



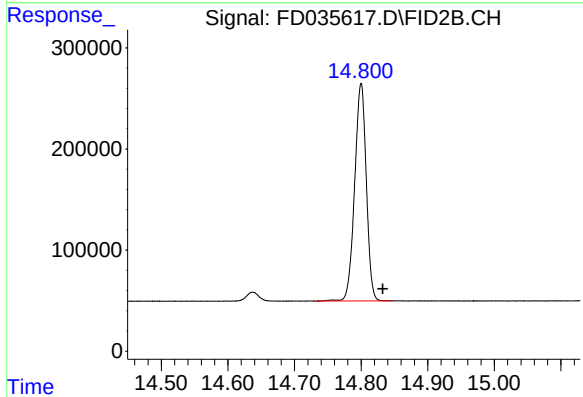
#12 1-chlorooctadecane (SURR)

R.T.: 12.952 min
Delta R.T.: -0.032 min
Response: 2213399
Conc: 21.24 ug/ml



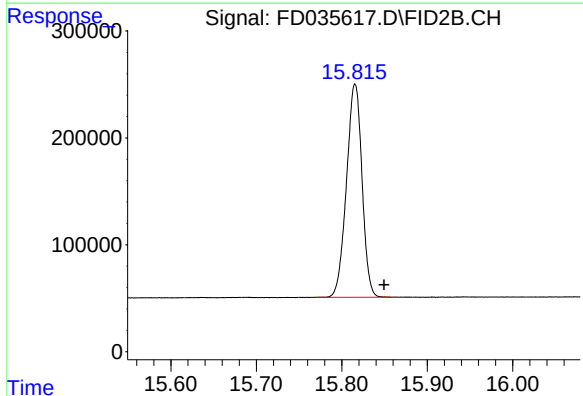
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: -0.031 min
Response: 2621679
Conc: 21.26 ug/ml



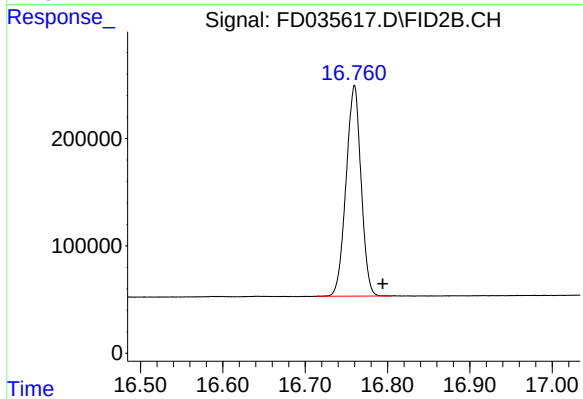
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.032 min
Response: 2606855
Conc: 21.07 ug/ml



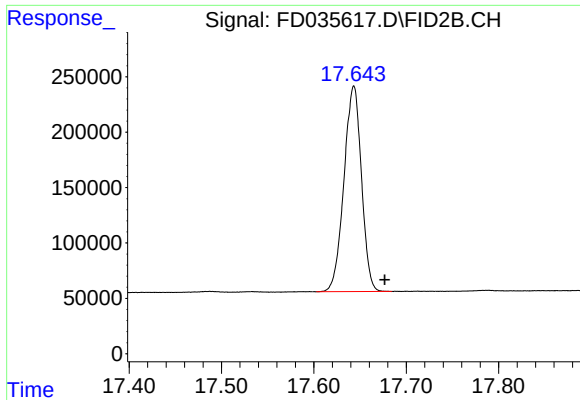
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.034 min
Response: 2520183
Conc: 20.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: -0.034 min
Response: 2485073
Conc: 20.18 ug/ml



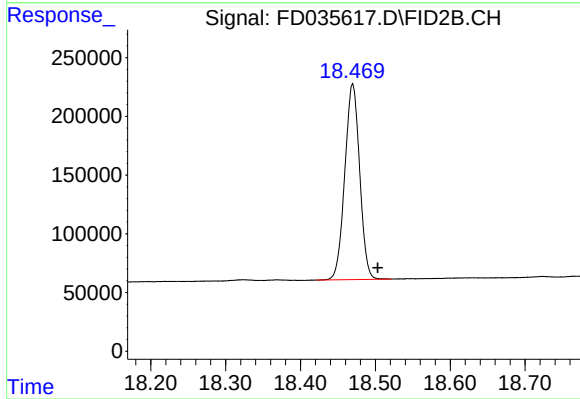
#17 n-Tricontane (C30)

R.T.: 17.643 min

Delta R.T.: -0.033 min

Response: 2446280

Conc: 20.24 ug/ml



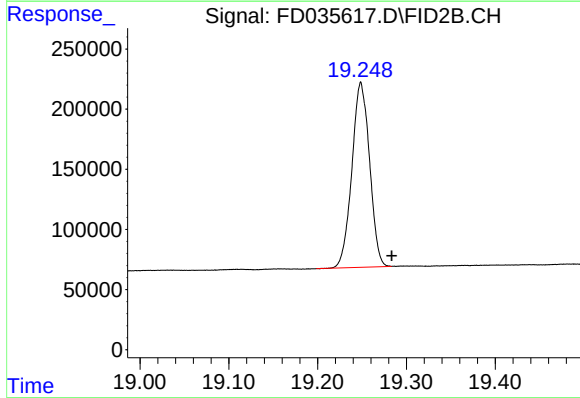
#18 n-Dotriacontane (C32)

R.T.: 18.470 min

Delta R.T.: -0.034 min

Response: 2297916

Conc: 20.44 ug/ml



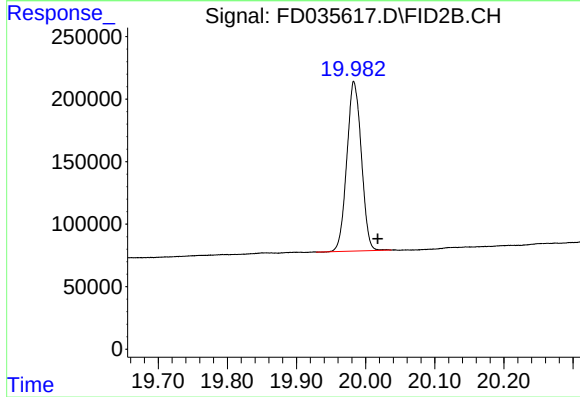
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min

Delta R.T.: -0.035 min

Response: 2128944

Conc: 20.28 ug/ml



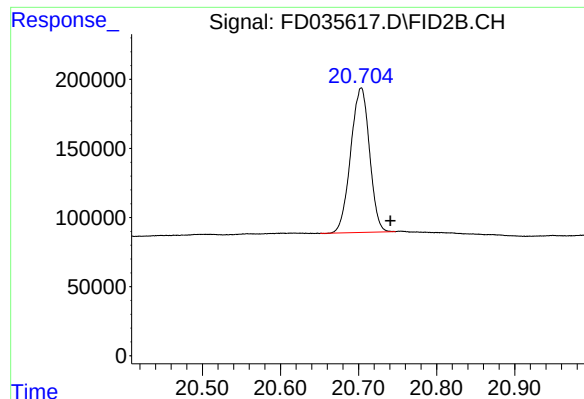
#20 n-Hexatriacontane (C36)

R.T.: 19.983 min

Delta R.T.: -0.035 min

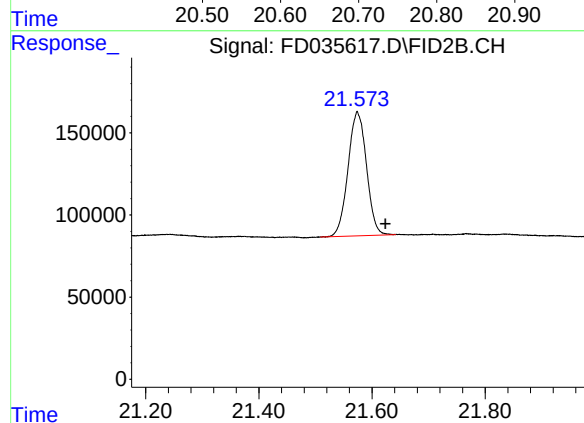
Response: 1973595

Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.037 min
Response: 1750164
Conc: 19.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: -0.050 min
Response: 1708644
Conc: 19.47 ug/ml