

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080921AL\
 Data File : FD038452.D
 Signal(s) : FID2B.CH
 Acq On : 09 Aug 2021 10:30
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 15:08:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 2021
 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)	11.366	2529984	18.534 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
12) S 1-chlorooctadecane (S...	12.803	1960946	18.236 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
Target Compounds			
1) T n-Nonane (C9)	3.191	2226520	18.965 ug/ml
2) T n-Decane (C10)	4.244	2257791	19.150 ug/ml
3) T A~Naphthalene (C11.7)	5.808	2506396	19.201 ug/ml
4) T n-Dodecane (C12)	6.247	2280742	19.208 ug/ml
5) T A~2-methylnaphthalene...	6.859	2535608	19.377 ug/ml
6) T n-Tetradecane (C14)	8.032	2321345	19.100 ug/ml
7) T n-Hexadecane (C16)	9.625	2332057	19.081 ug/ml
8) T n-Octadecane (C18)	11.059	2378417	18.891 ug/ml
10) T n-Eicosane (C20)	12.362	2337289	18.542 ug/ml
11) T n-Heneicosane (C21)	12.971	2347200	18.387 ug/ml
13) T n-Docosane (C22)	13.555	2311790	18.160 ug/ml
14) T n-Tetracosane (C24)	14.652	2271691	17.660 ug/ml
15) T n-Hexacosane (C26)	15.668	2170846	17.046 ug/ml
16) T n-Octacosane (C28)	16.613	2086162	16.351 ug/ml
17) T n-Tricontane (C30)	17.496	1991235	15.716 ug/ml
18) T n-Dotriacontane (C32)	18.325	1907209	15.521 ug/ml
19) T n-Tetratriacontane (C34)	19.105	1905569	15.966 ug/ml
20) T n-Hexatriacontane (C36)	19.841	1964972	17.630 ug/ml
21) T n-Octatriacontane (C38)	20.541	1951978	18.882 ug/ml
22) T n-Tetracontane (C40)	21.351	2121787	21.140 ug/ml

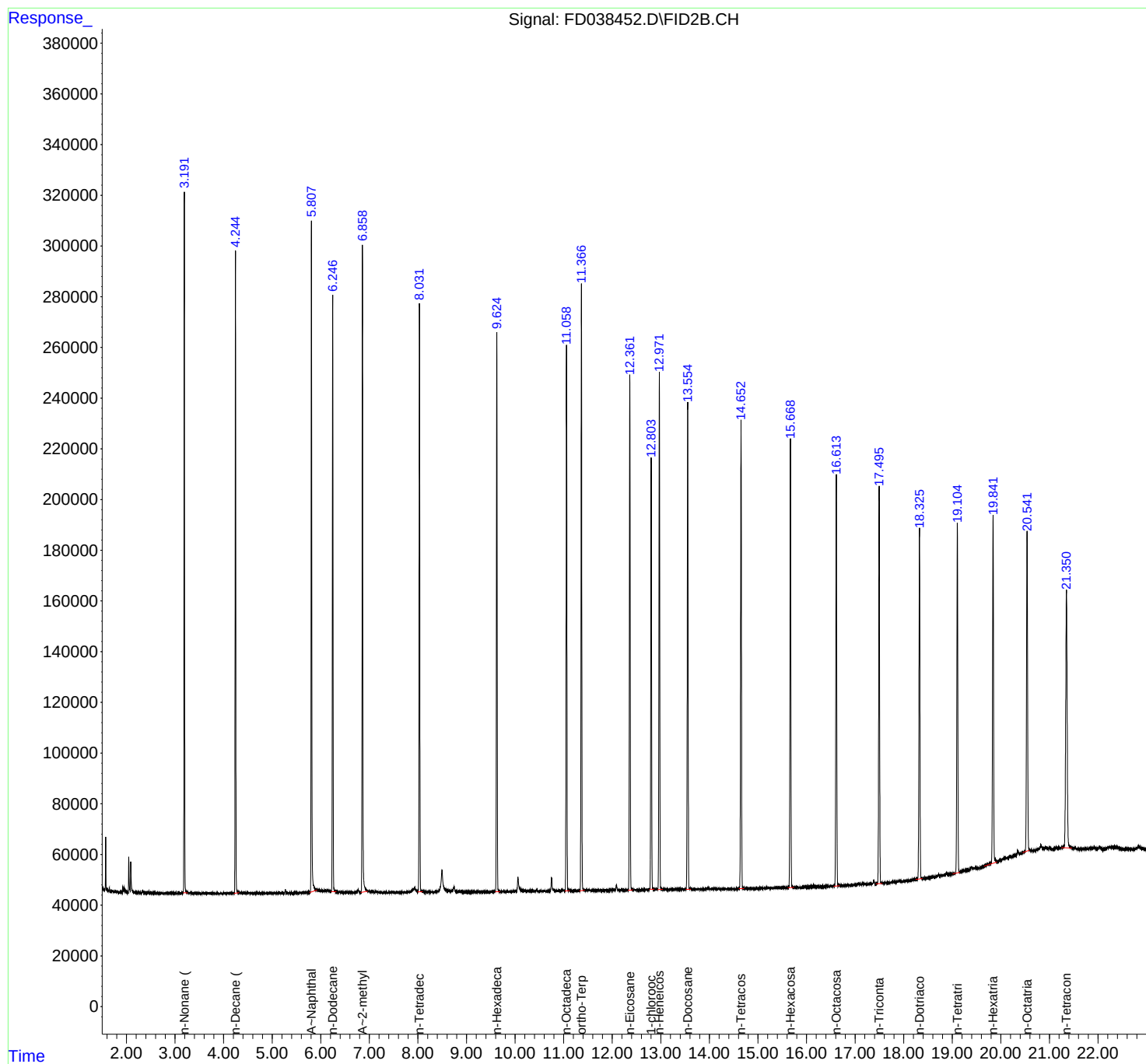
(f)=RT Delta > 1/2 Window

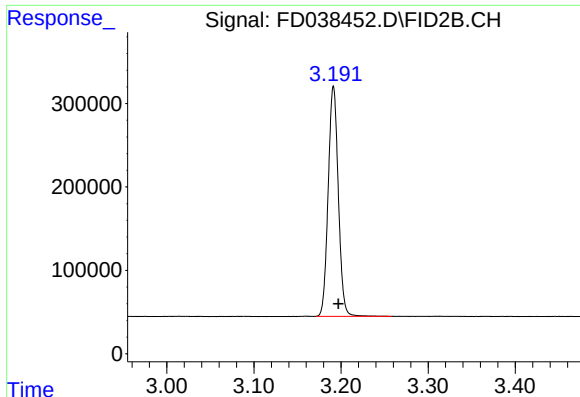
(m)=manual int.

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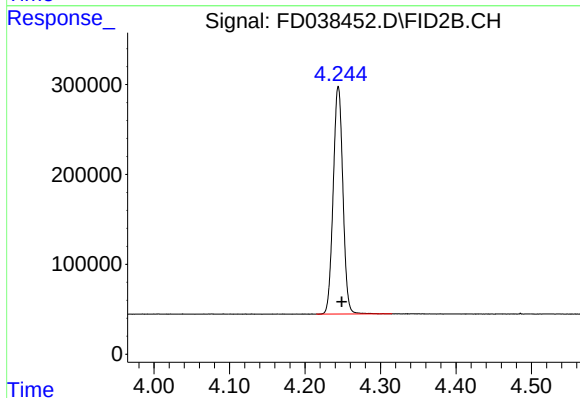
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Signal Info : 20M x 0.18mm x 0.18um





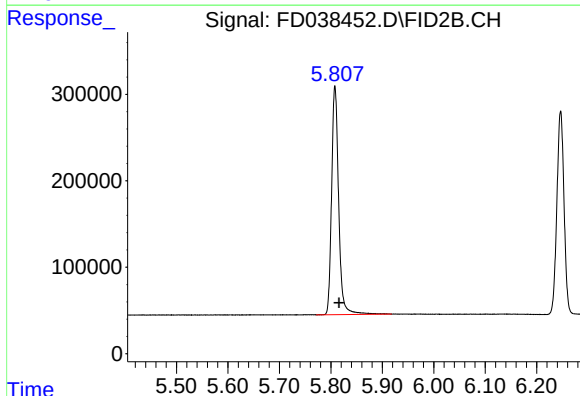
#1 n-Nonane (C9)

R.T.: 3.191 min
Delta R.T.: -0.006 min
Response: 2226520
Conc: 18.97 ug/ml



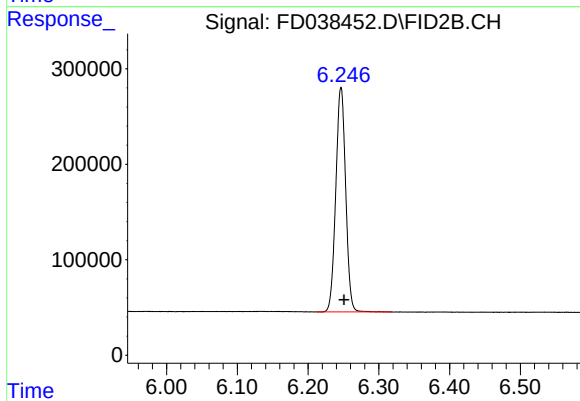
#2 n-Decane (C10)

R.T.: 4.244 min
Delta R.T.: -0.004 min
Response: 2257791
Conc: 19.15 ug/ml



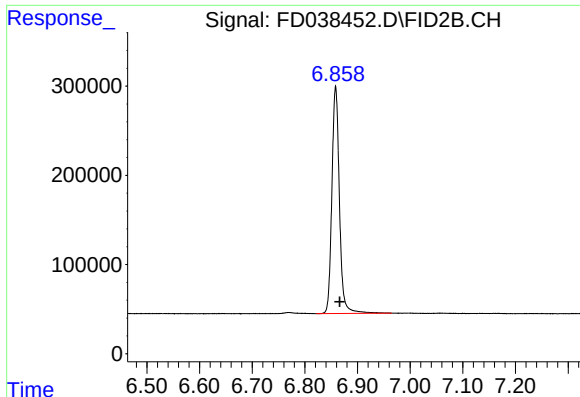
#3 A~Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 2506396
Conc: 19.20 ug/ml



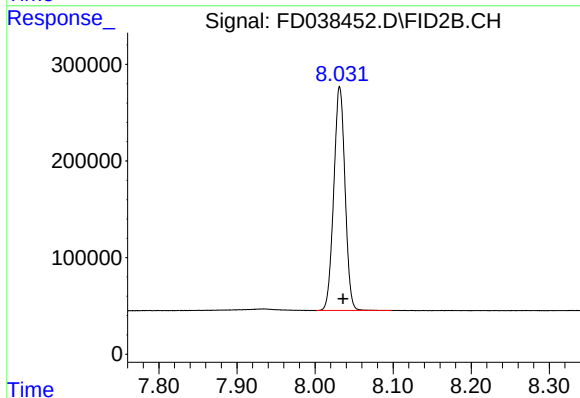
#4 n-Dodecane (C12)

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 2280742
Conc: 19.21 ug/ml



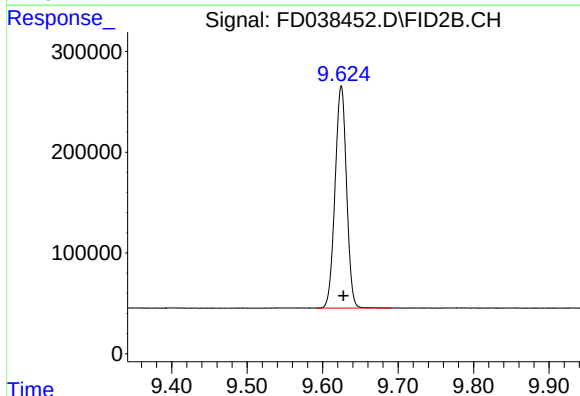
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.008 min
Response: 2535608
Conc: 19.38 ug/ml



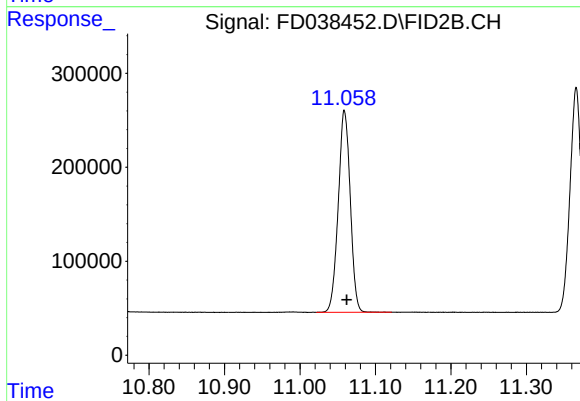
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 2321345
Conc: 19.10 ug/ml



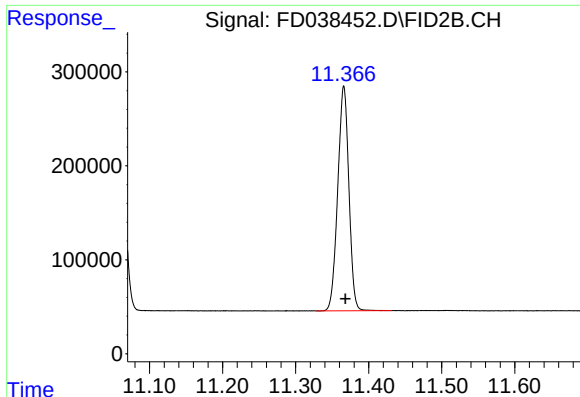
#7 n-Hexadecane (C16)

R.T.: 9.625 min
Delta R.T.: -0.003 min
Response: 2332057
Conc: 19.08 ug/ml



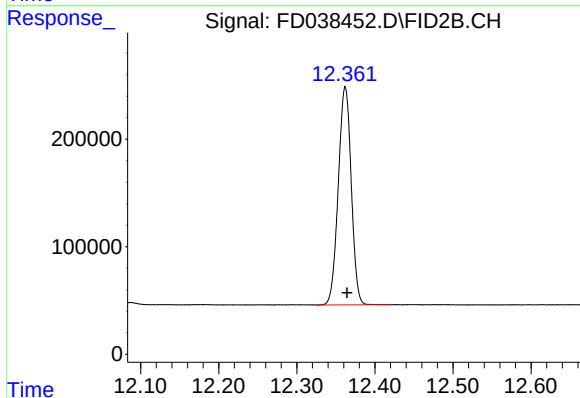
#8 n-Octadecane (C18)

R.T.: 11.059 min
Delta R.T.: -0.003 min
Response: 2378417
Conc: 18.89 ug/ml



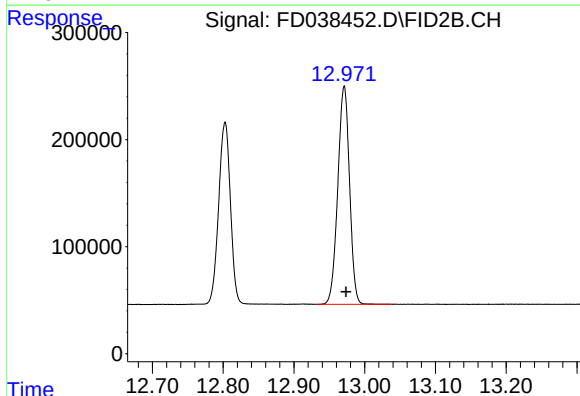
#9 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: -0.002 min
Response: 2529984
Conc: 18.53 ug/ml



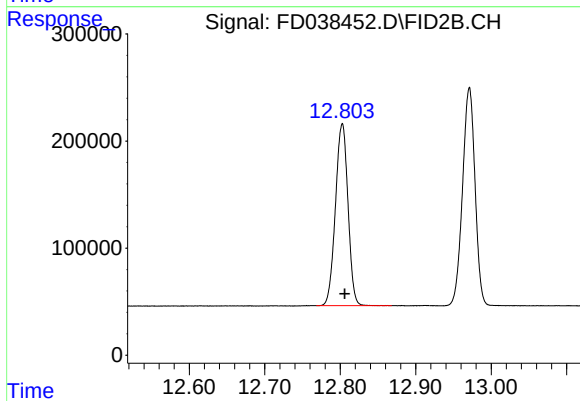
#10 n-Eicosane (C20)

R.T.: 12.362 min
Delta R.T.: -0.002 min
Response: 2337289
Conc: 18.54 ug/ml



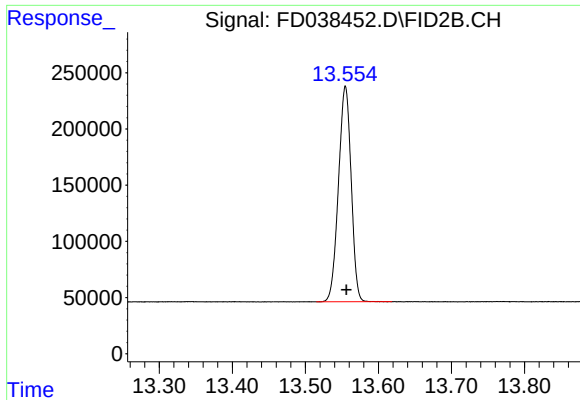
#11 n-Heneicosane (C21)

R.T.: 12.971 min
Delta R.T.: -0.003 min
Response: 2347200
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.803 min
Delta R.T.: -0.003 min
Response: 1960946
Conc: 18.24 ug/ml



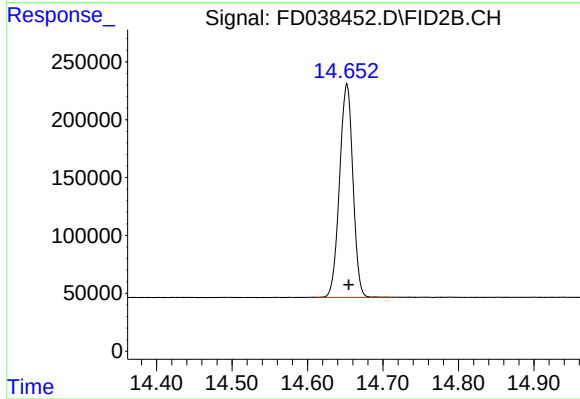
#13 n-Docosane (C22)

R.T.: 13.555 min

Delta R.T.: -0.002 min

Response: 2311790

Conc: 18.16 ug/ml



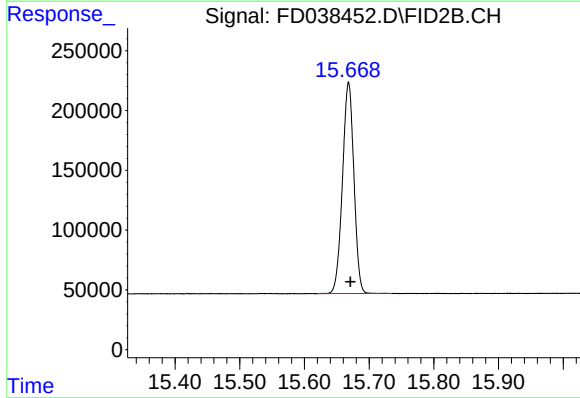
#14 n-Tetracosane (C24)

R.T.: 14.652 min

Delta R.T.: -0.002 min

Response: 2271691

Conc: 17.66 ug/ml



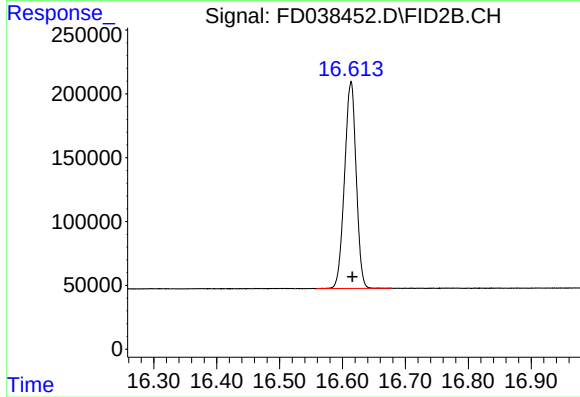
#15 n-Hexacosane (C26)

R.T.: 15.668 min

Delta R.T.: -0.003 min

Response: 2170846

Conc: 17.05 ug/ml



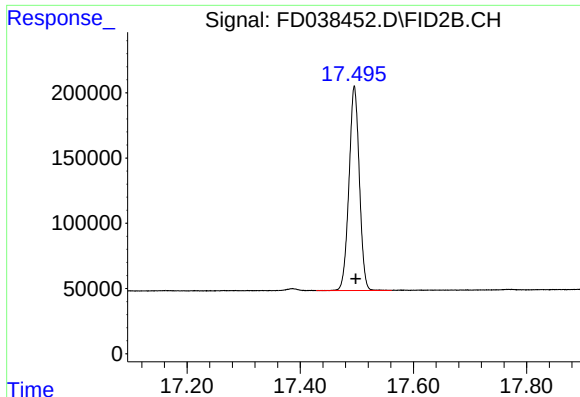
#16 n-Octacosane (C28)

R.T.: 16.613 min

Delta R.T.: -0.002 min

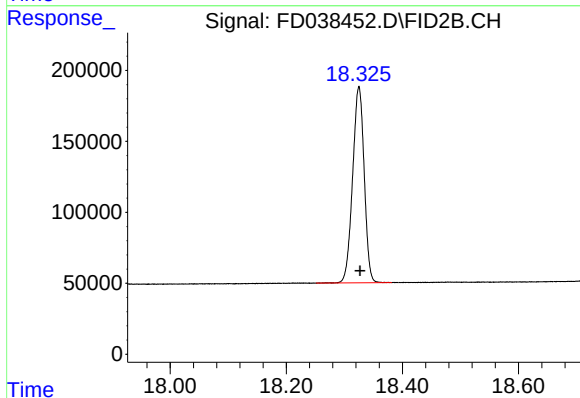
Response: 2086162

Conc: 16.35 ug/ml



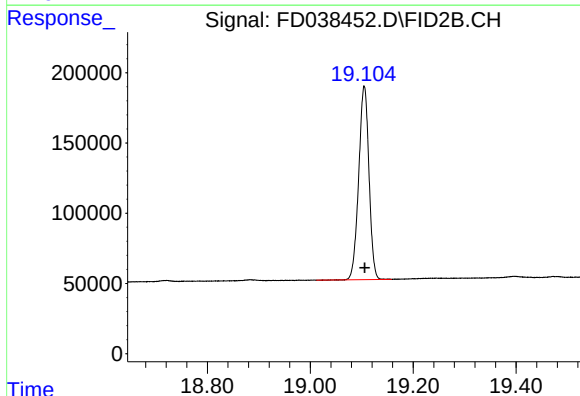
#17 n-Tricontane (C30)

R.T.: 17.496 min
Delta R.T.: -0.003 min
Response: 1991235
Conc: 15.72 ug/ml



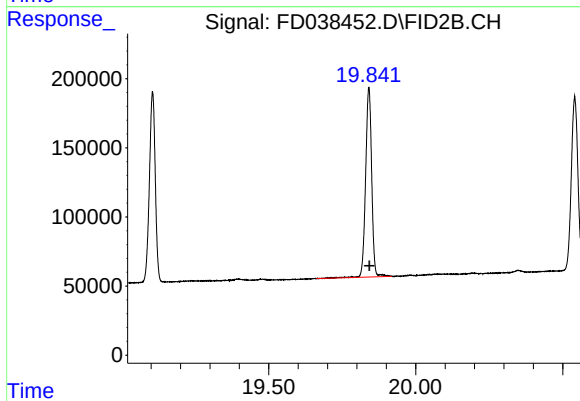
#18 n-Dotriacontane (C32)

R.T.: 18.325 min
Delta R.T.: -0.002 min
Response: 1907209
Conc: 15.52 ug/ml



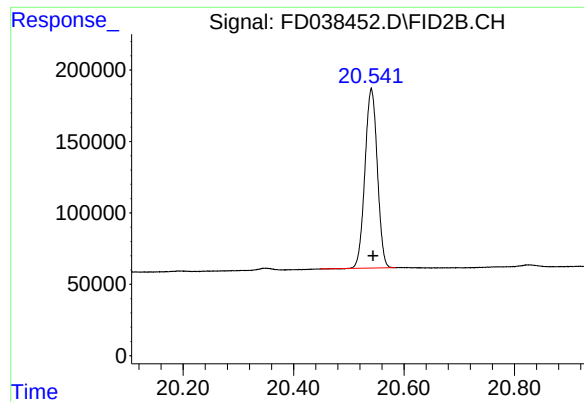
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min
Delta R.T.: 0.000 min
Response: 1905569
Conc: 15.97 ug/ml



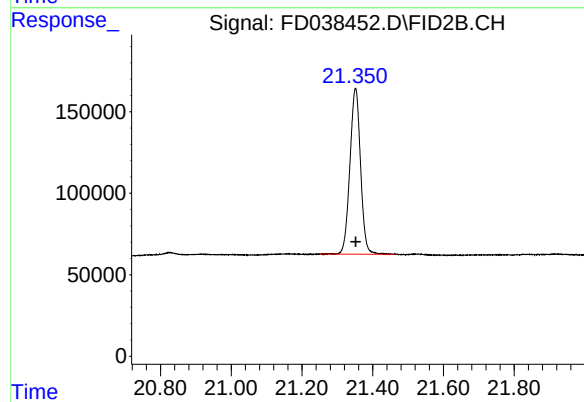
#20 n-Hexatriacontane (C36)

R.T.: 19.841 min
Delta R.T.: -0.002 min
Response: 1964972
Conc: 17.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.541 min
Delta R.T.: -0.003 min
Response: 1951978
Conc: 18.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.351 min
Delta R.T.: 0.000 min
Response: 2121787
Conc: 21.14 ug/ml