

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111219AL\
 Data File : FD031459.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2019 9:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 13 02:12:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 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)	11.548	2944700	19.352 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	12.979	2186718	19.243 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T n-Nonane (C9)	3.338	2727413	20.560 ug/ml
2) T n-Decane (C10)	4.403	2753694	20.646 ug/ml
3) T A~Naphthalene (C11.7)	5.982	3086691	20.609 ug/ml
4) T n-Dodecane (C12)	6.415	2769416	20.564 ug/ml
5) T A~2-methylnaphthalene...	7.035	3103983	20.479 ug/ml
6) T n-Tetradecane (C14)	8.203	2736906	20.311 ug/ml
7) T n-Hexadecane (C16)	9.796	2690466	20.067 ug/ml
8) T n-Octadecane (C18)	11.233	2640447	19.797 ug/ml
10) T n-Eicosane (C20)	12.537	2576009	19.529 ug/ml
11) T n-Heneicosane (C21)	13.146	2557061	19.324 ug/ml
13) T n-Docosane (C22)	13.729	2520404	19.195 ug/ml
14) T n-Tetracosane (C24)	14.827	2493582	19.056 ug/ml
15) T n-Hexacosane (C26)	15.842	2414871	18.692 ug/ml
16) T n-Octacosane (C28)	16.788	2372959	18.544 ug/ml
17) T n-Tricontane (C30)	17.670	2362874	18.524 ug/ml
18) T n-Dotriacontane (C32)	18.499	2293591	18.592 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2245325	18.771 ug/mlm
20) T n-Hexatriacontane (C36)	20.012	2156071	18.891 ug/ml
21) T n-Octatriacontane (C38)	20.732	2072063	19.729 ug/ml
22) T n-Tetracontane (C40)	21.606	2186406	20.360 ug/ml

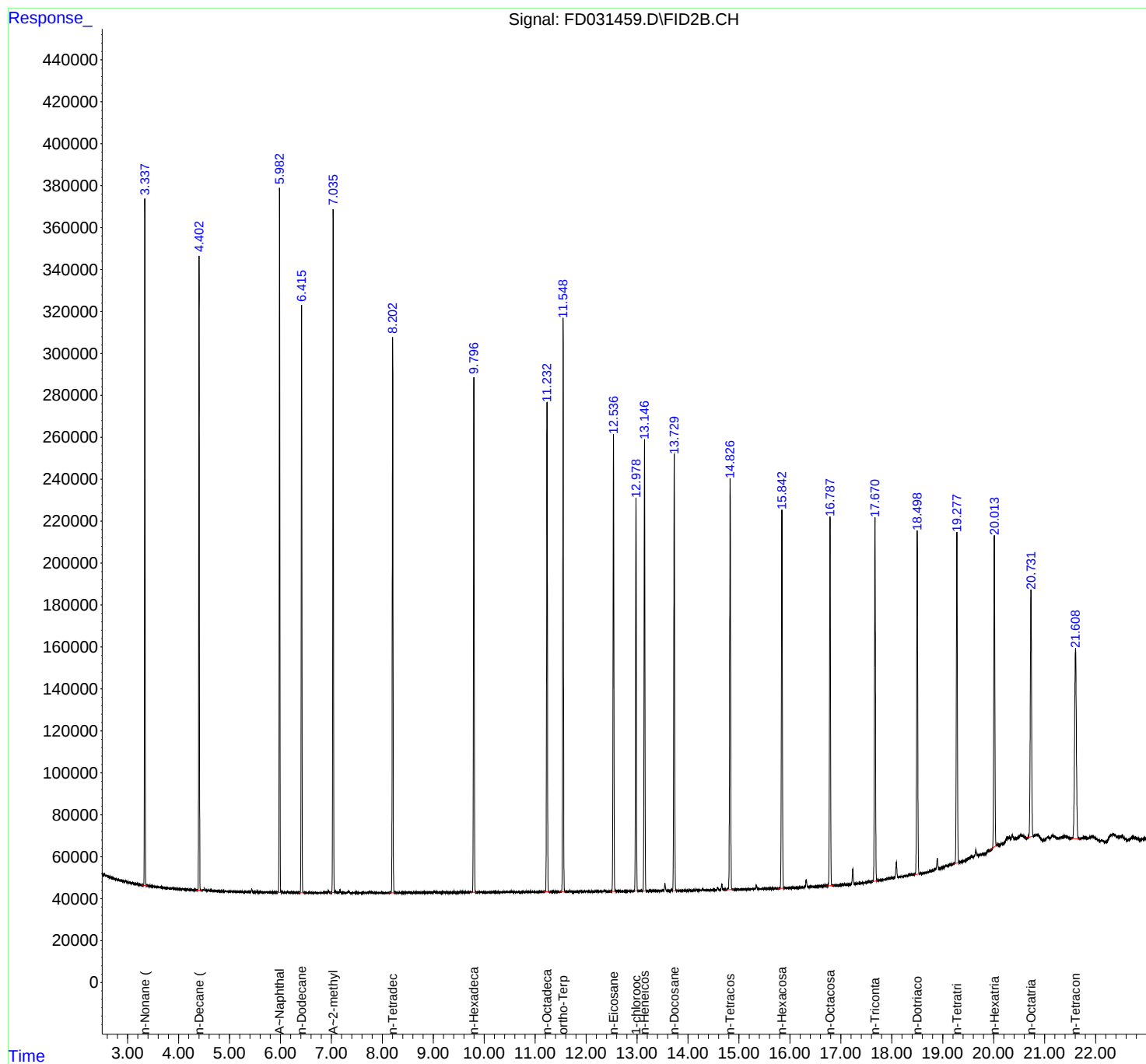
(f)=RT Delta > 1/2 Window

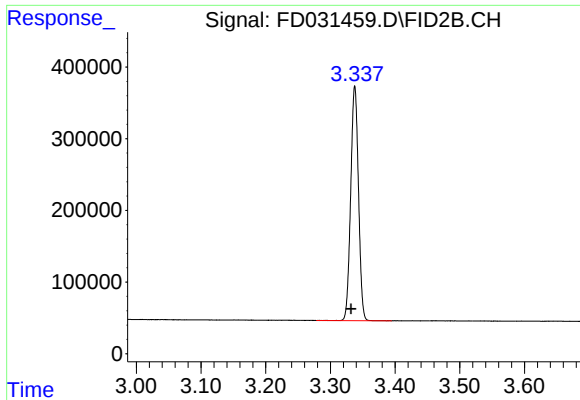
(m)=manual int.

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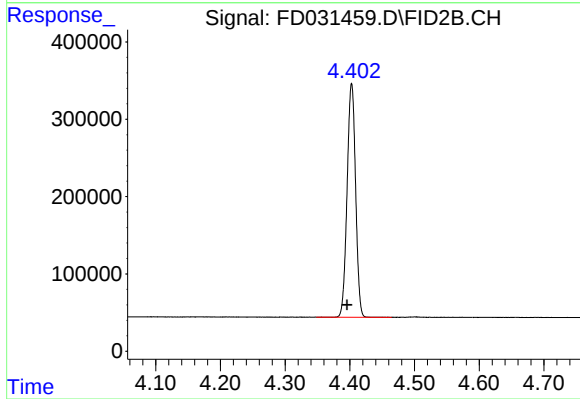
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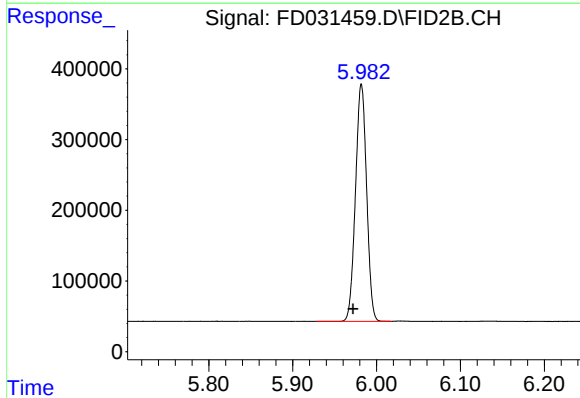
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: 0.006 min
Response: 2727413
Conc: 20.56 ug/ml



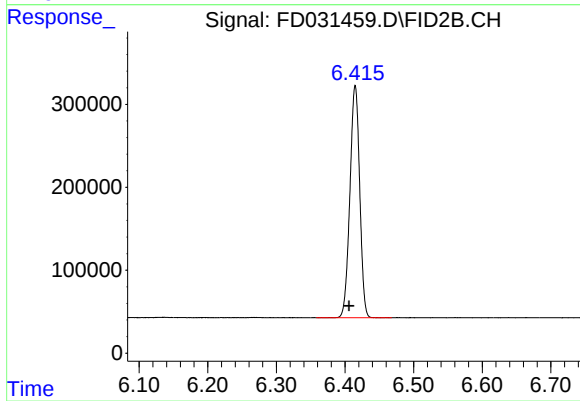
#2 n-Decane (C10)

R.T.: 4.403 min
Delta R.T.: 0.007 min
Response: 2753694
Conc: 20.65 ug/ml



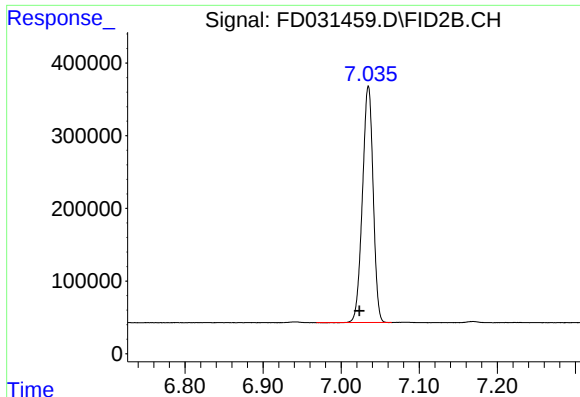
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.010 min
Response: 3086691
Conc: 20.61 ug/ml



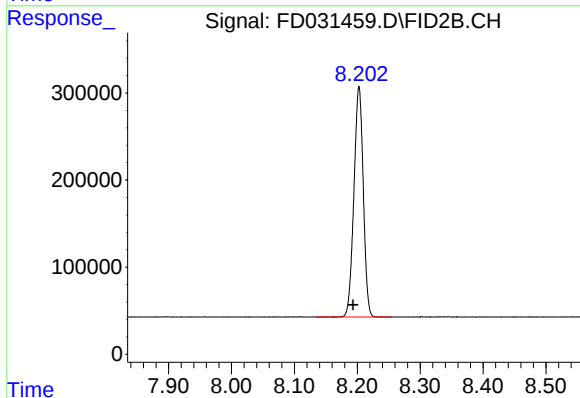
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.009 min
Response: 2769416
Conc: 20.56 ug/ml



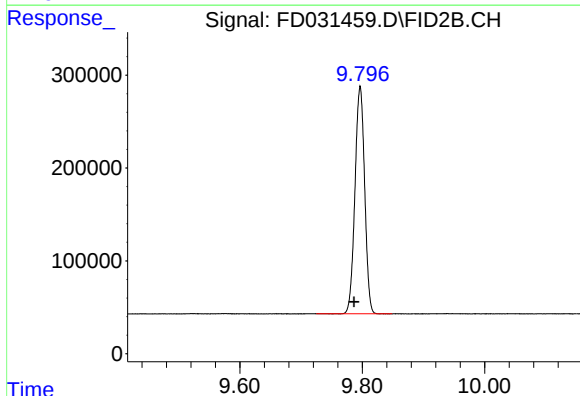
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: 0.011 min
Response: 3103983
Conc: 20.48 ug/ml



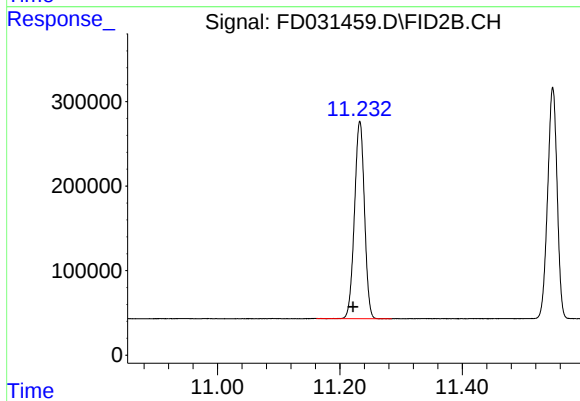
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.010 min
Response: 2736906
Conc: 20.31 ug/ml



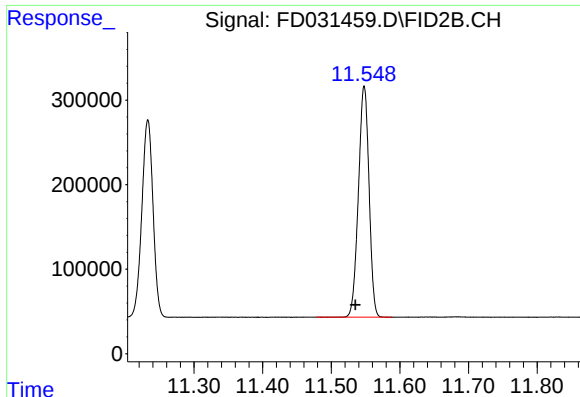
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: 0.010 min
Response: 2690466
Conc: 20.07 ug/ml



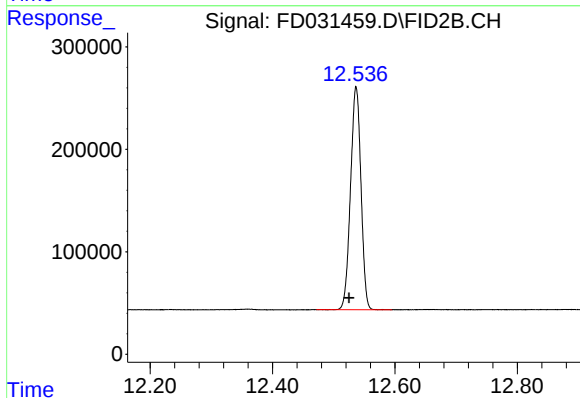
#8 n-Octadecane (C18)

R.T.: 11.233 min
Delta R.T.: 0.011 min
Response: 2640447
Conc: 19.80 ug/ml



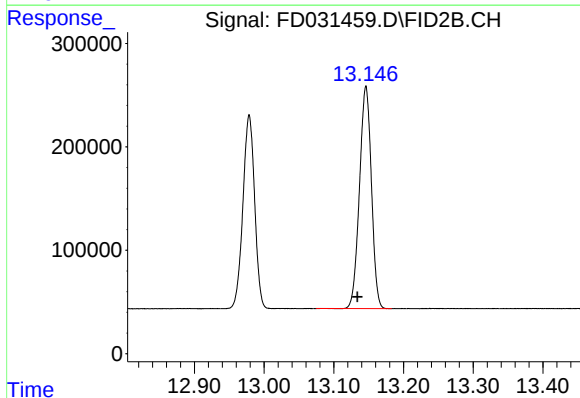
#9 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: 0.013 min
Response: 2944700
Conc: 19.35 ug/ml



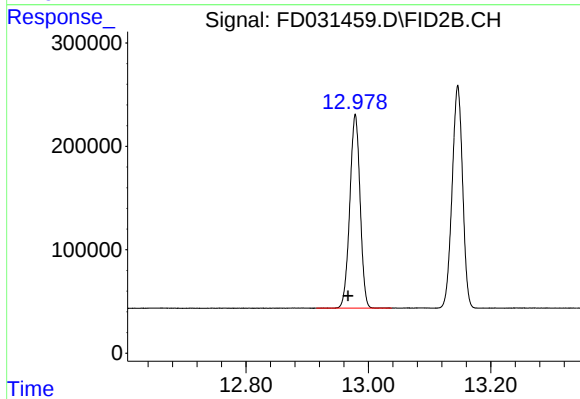
#10 n-Eicosane (C20)

R.T.: 12.537 min
Delta R.T.: 0.011 min
Response: 2576009
Conc: 19.53 ug/ml



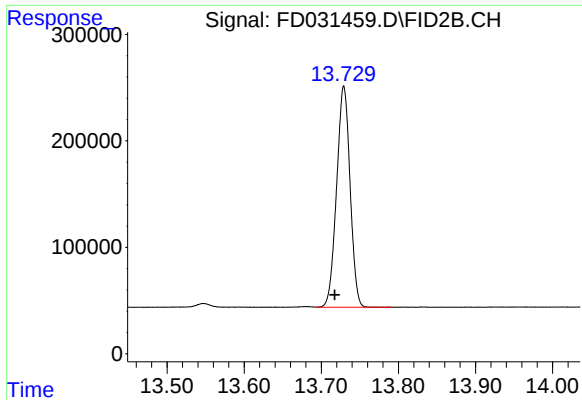
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: 0.012 min
Response: 2557061
Conc: 19.32 ug/ml



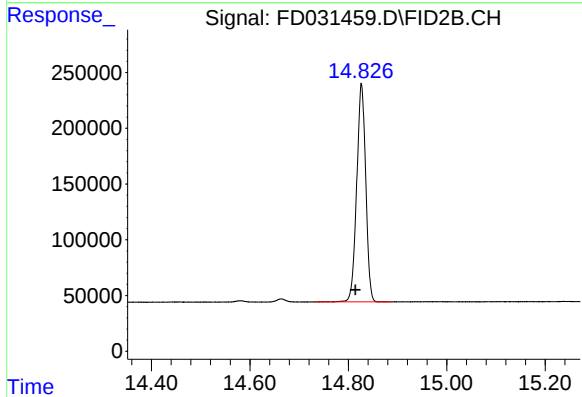
#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: 0.012 min
Response: 2186718
Conc: 19.24 ug/ml



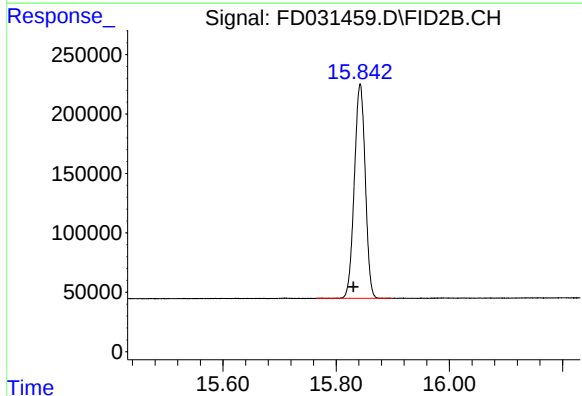
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: 0.012 min
Response: 2520404
Conc: 19.19 ug/ml



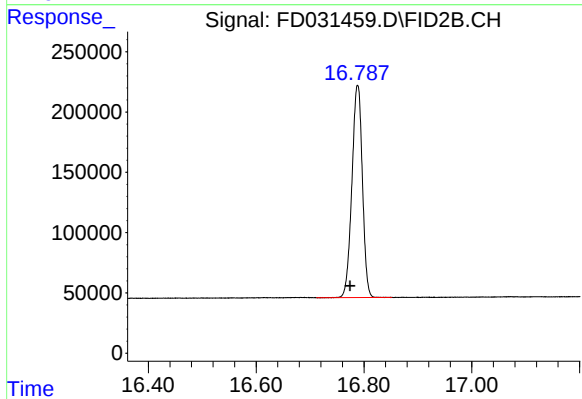
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: 0.012 min
Response: 2493582
Conc: 19.06 ug/ml



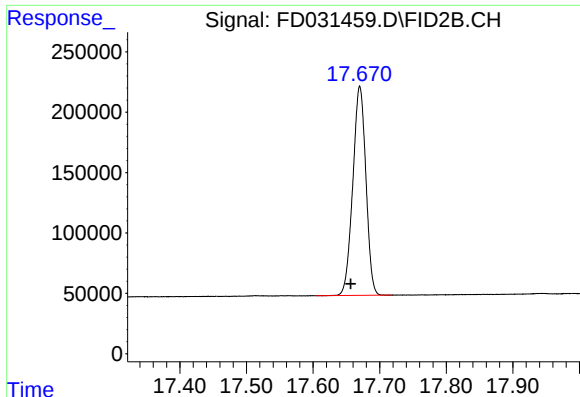
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.012 min
Response: 2414871
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: 0.014 min
Response: 2372959
Conc: 18.54 ug/ml



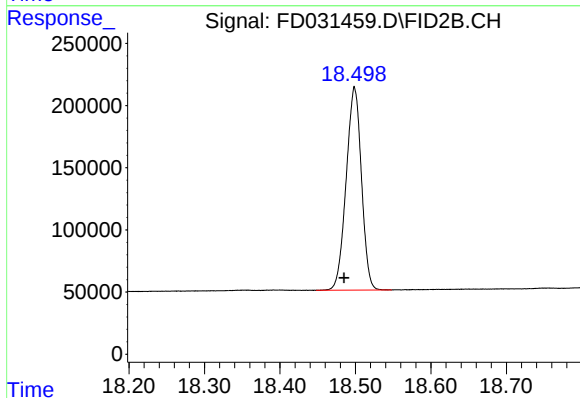
#17 n-Tricontane (C30)

R.T.: 17.670 min

Delta R.T.: 0.014 min

Response: 2362874

Conc: 18.52 ug/ml



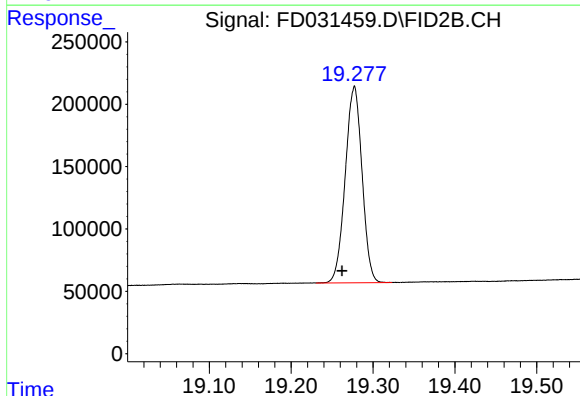
#18 n-Dotriacontane (C32)

R.T.: 18.499 min

Delta R.T.: 0.014 min

Response: 2293591

Conc: 18.59 ug/ml



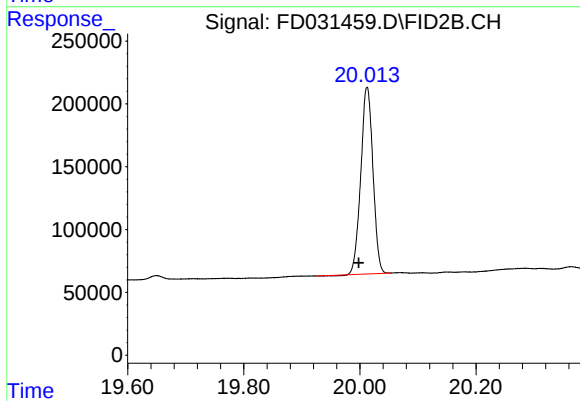
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min

Delta R.T.: 0.015 min

Response: 2245325

Conc: 18.77 ug/ml m



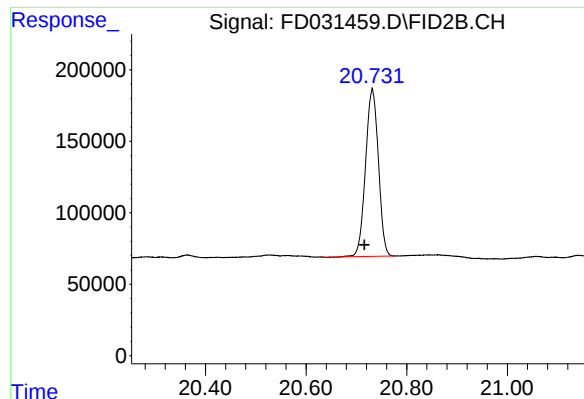
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min

Delta R.T.: 0.014 min

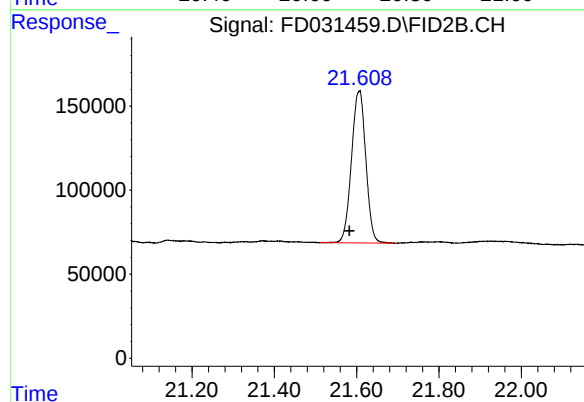
Response: 2156071

Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: 0.016 min
Response: 2072063
Conc: 19.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: 0.024 min
Response: 2186406
Conc: 20.36 ug/ml