

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AL\
 Data File : FD039286.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2021 4:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 27 05:19:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.672	2497975	19.578 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
12) S 1-chlorooctadecane (S...	13.098	2030636	19.539 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.433	2282649	19.632 ug/ml
2) T n-Decane (C10)	4.501	2295901	19.638 ug/ml
3) T A~Naphthalene (C11.7)	6.093	2536438	19.681 ug/ml
4) T n-Dodecane (C12)	6.517	2326372	19.661 ug/ml
5) T A~2-methylnaphthalene...	7.148	2583441	19.671 ug/ml
6) T n-Tetradecane (C14)	8.308	2314274	19.634 ug/ml
7) T n-Hexadecane (C16)	9.907	2353308	19.638 ug/ml
8) T n-Octadecane (C18)	11.347	2417528	19.753 ug/ml
10) T n-Eicosane (C20)	12.653	2410439	19.545 ug/ml
11) T n-Heneicosane (C21)	13.263	2448568	19.553 ug/ml
13) T n-Docosane (C22)	13.849	2425752	19.530 ug/ml
14) T n-Tetracosane (C24)	14.948	2423463	19.523 ug/ml
15) T n-Hexacosane (C26)	15.966	2400757	19.543 ug/ml
16) T n-Octacosane (C28)	16.913	2269617	19.495 ug/ml
17) T n-Tricontane (C30)	17.796	2300779	19.532 ug/ml
18) T n-Dotriacontane (C32)	18.626	2224564	19.457 ug/ml
19) T n-Tetratriacontane (C34)	19.407	2066769	19.499 ug/ml
20) T n-Hexatriacontane (C36)	20.143	2002124	19.654 ug/ml
21) T n-Octatriacontane (C38)	20.884	1876212	19.551 ug/ml
22) T n-Tetracontane (C40)	21.810	1821733	19.747 ug/ml

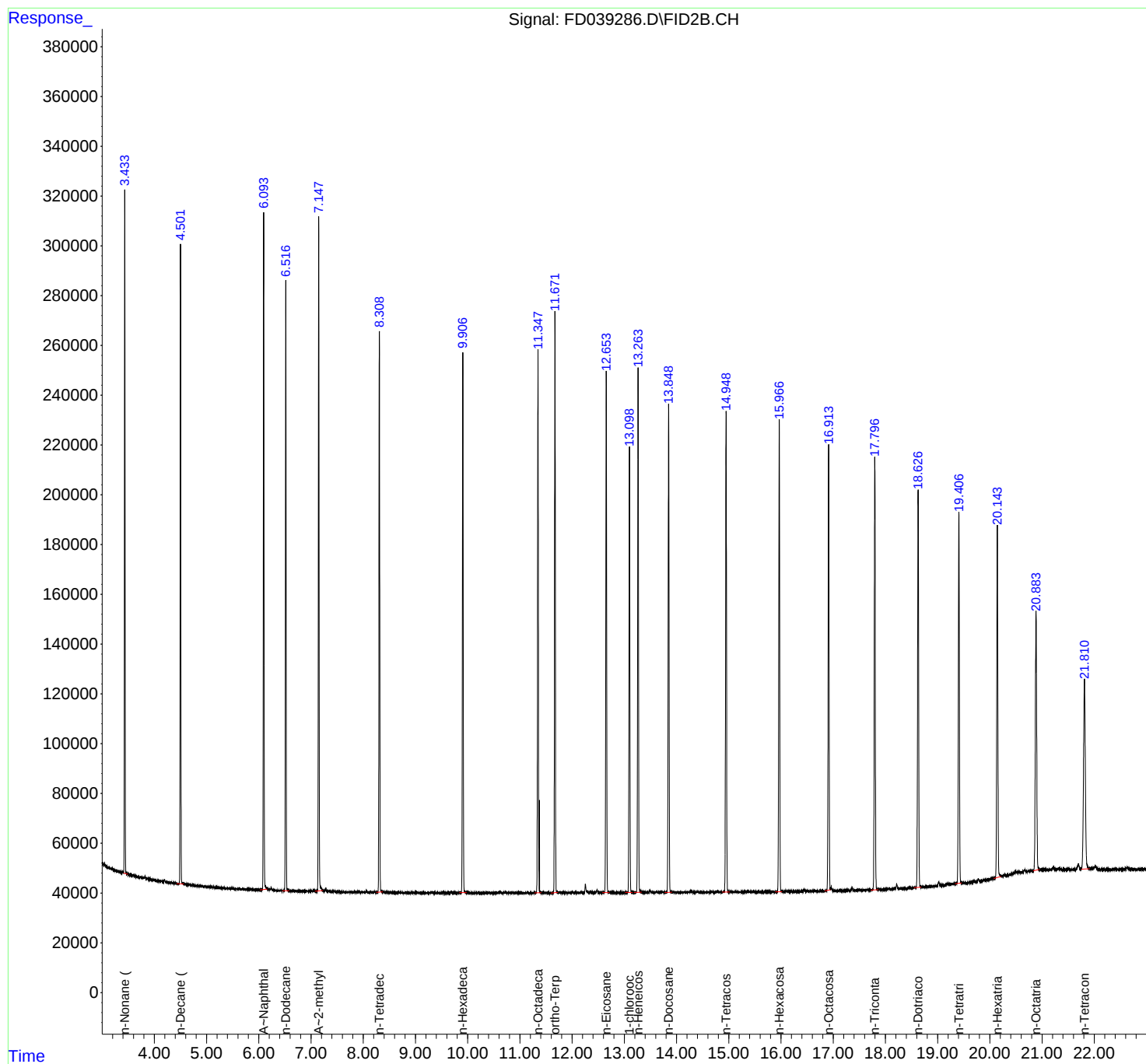
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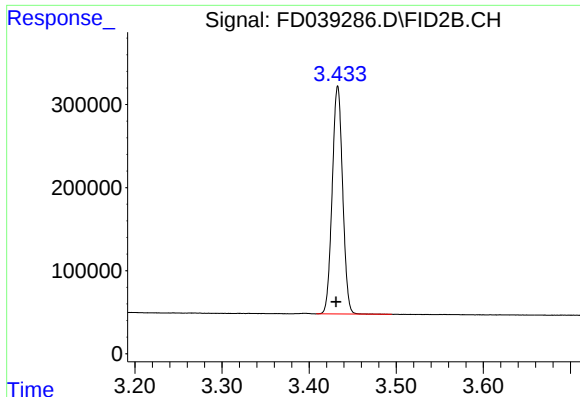
(m)=manual int.

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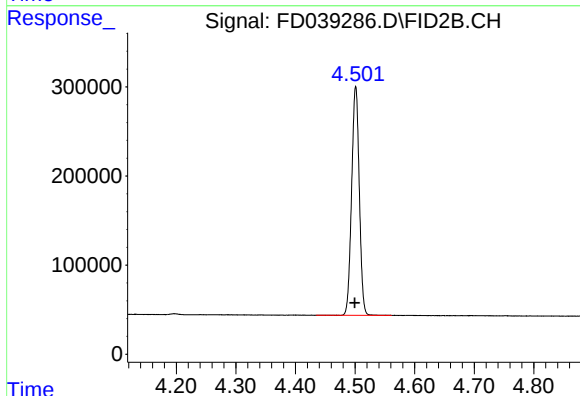
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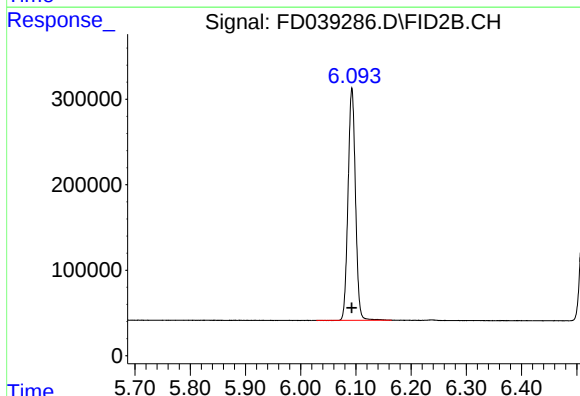
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: 0.002 min
Response: 2282649
Conc: 19.63 ug/ml



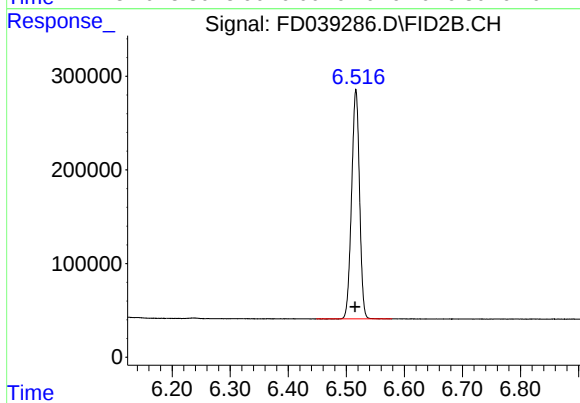
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.002 min
Response: 2295901
Conc: 19.64 ug/ml



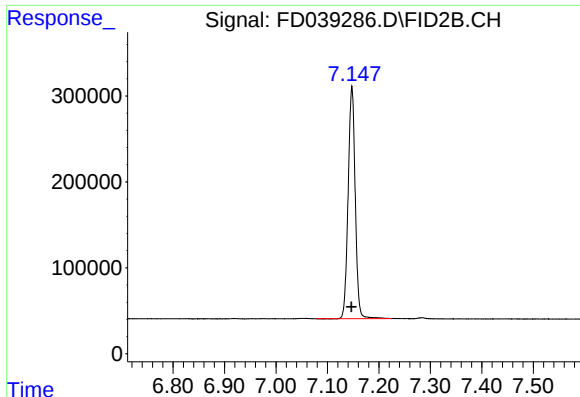
#3 A~Naphthalene (C11.7)

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 2536438
Conc: 19.68 ug/ml



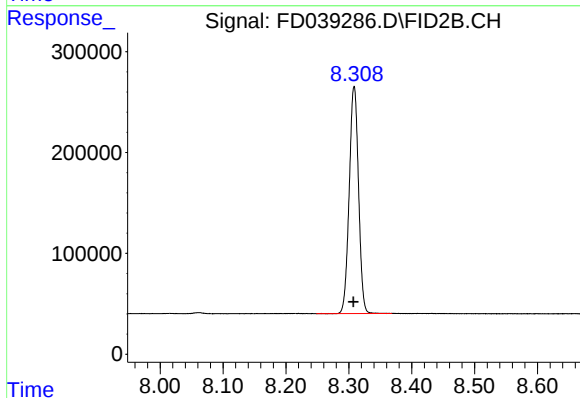
#4 n-Dodecane (C12)

R.T.: 6.517 min
Delta R.T.: 0.001 min
Response: 2326372
Conc: 19.66 ug/ml



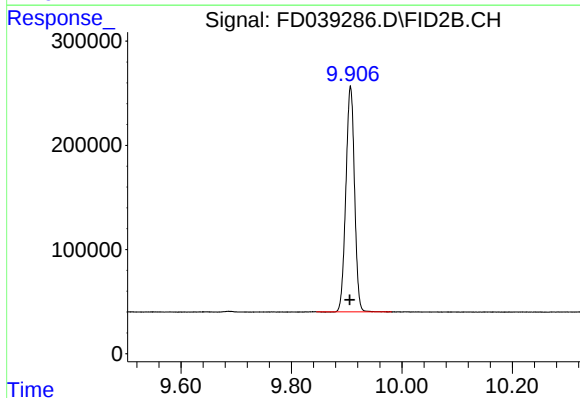
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 2583441
Conc: 19.67 ug/ml



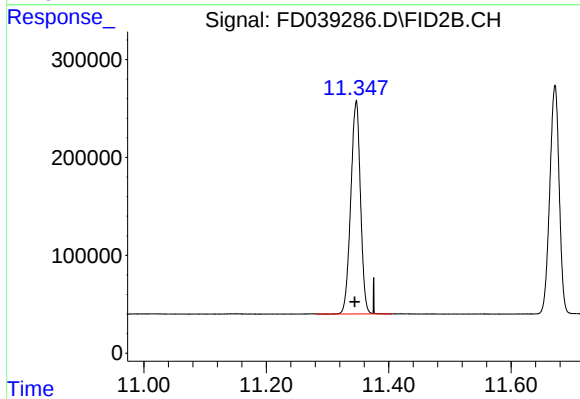
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.001 min
Response: 2314274
Conc: 19.63 ug/ml



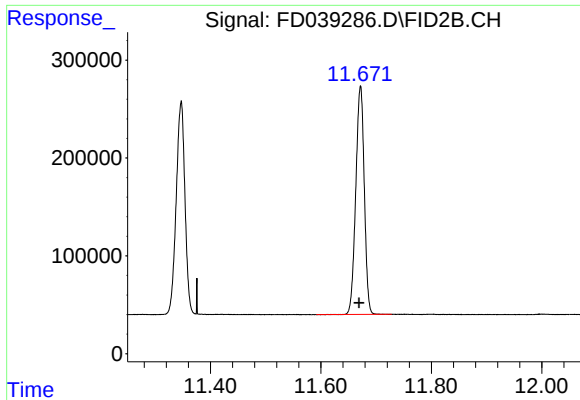
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.001 min
Response: 2353308
Conc: 19.64 ug/ml



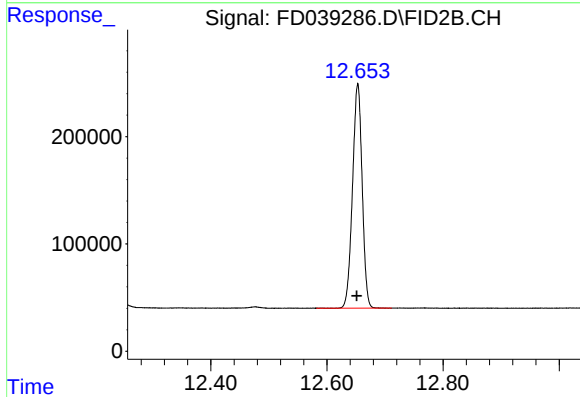
#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: 0.002 min
Response: 2417528
Conc: 19.75 ug/ml



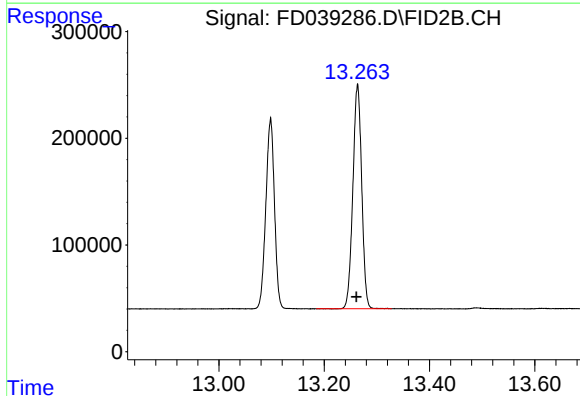
#9 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: 0.002 min
Response: 2497975
Conc: 19.58 ug/ml



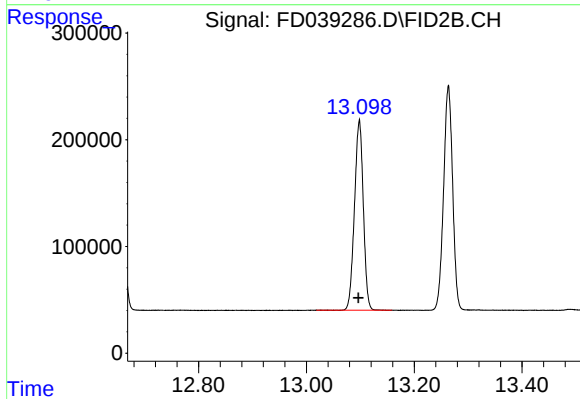
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.002 min
Response: 2410439
Conc: 19.54 ug/ml



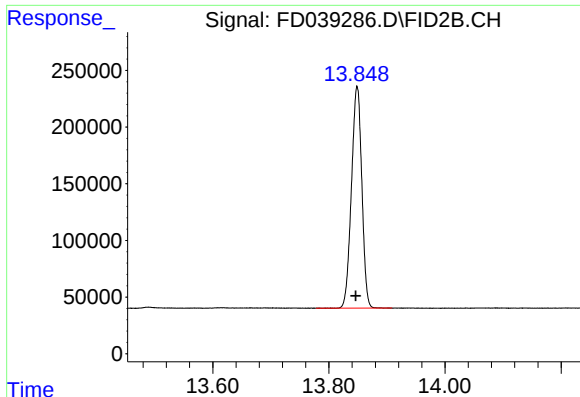
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: 0.002 min
Response: 2448568
Conc: 19.55 ug/ml



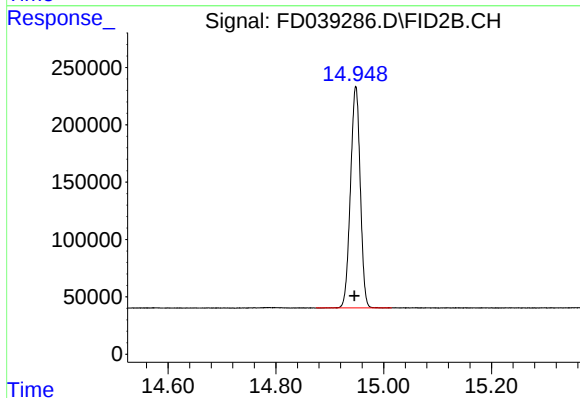
#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min
Delta R.T.: 0.001 min
Response: 2030636
Conc: 19.54 ug/ml



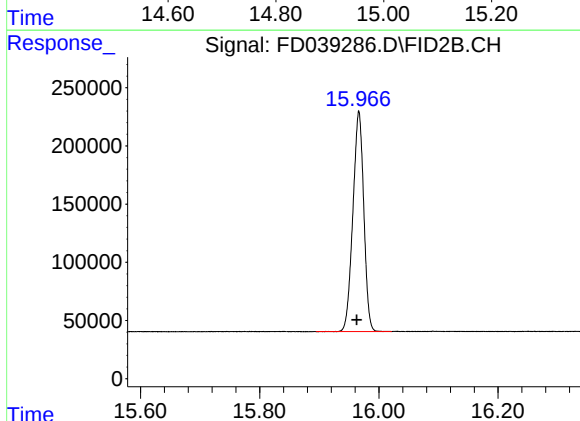
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: 0.003 min
Response: 2425752
Conc: 19.53 ug/ml



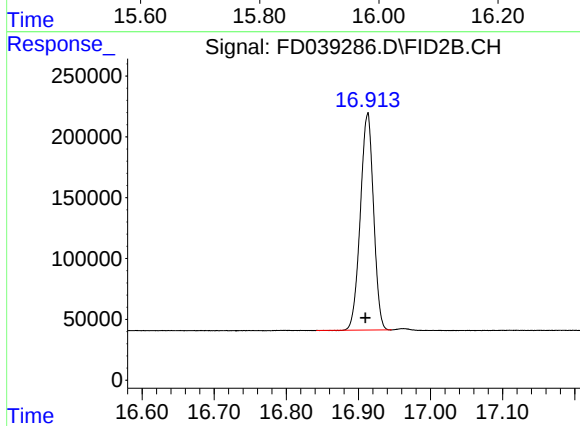
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: 0.002 min
Response: 2423463
Conc: 19.52 ug/ml



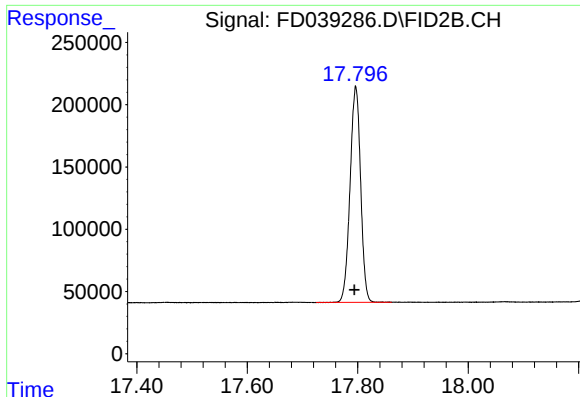
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: 0.003 min
Response: 2400757
Conc: 19.54 ug/ml



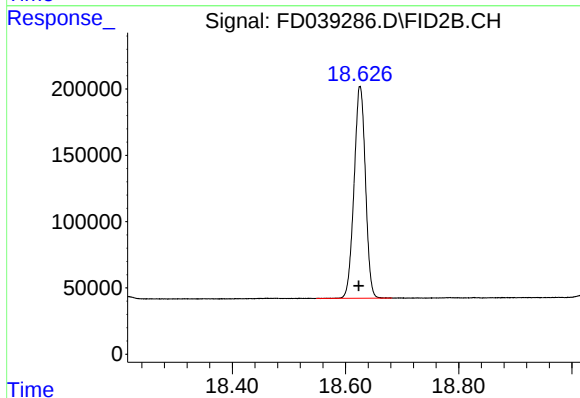
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: 0.003 min
Response: 2269617
Conc: 19.50 ug/ml



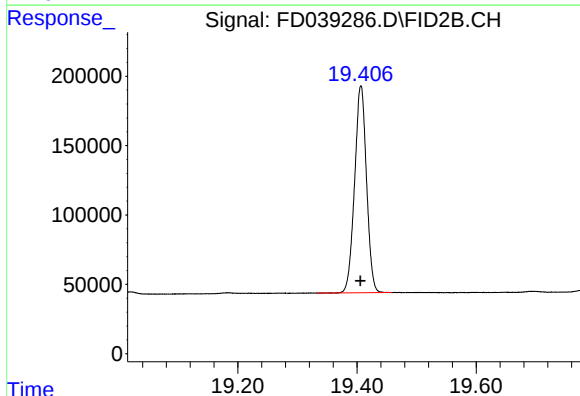
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: 0.002 min
Response: 2300779
Conc: 19.53 ug/ml



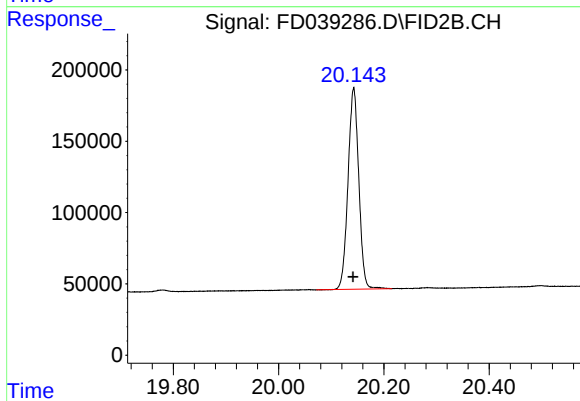
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: 0.002 min
Response: 2224564
Conc: 19.46 ug/ml



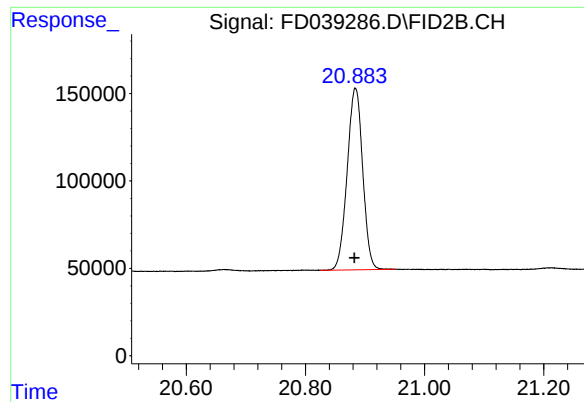
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: 0.001 min
Response: 2066769
Conc: 19.50 ug/ml



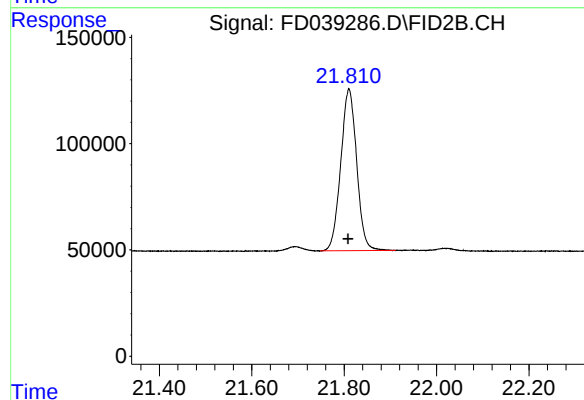
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 2002124
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.884 min
Delta R.T.: 0.002 min
Response: 1876212
Conc: 19.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: 0.002 min
Response: 1821733
Conc: 19.75 ug/ml