

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082021AL\
 Data File : FD038678.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2021 10:54
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 20 15:07:38 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)	11.359	3069485	22.487 ug/ml
Spiked Amount 50.000		Recovery =	44.97%
12) S 1-chlorooctadecane (S...	12.796	2407022	22.384 ug/ml
Spiked Amount 50.000		Recovery =	44.77%
Target Compounds			
1) T n-Nonane (C9)	3.188	2772547	23.616 ug/ml
2) T n-Decane (C10)	4.239	2826513	23.973 ug/ml
3) T A~Naphthalene (C11.7)	5.803	3110119	23.826 ug/ml
4) T n-Dodecane (C12)	6.242	2876396	24.224 ug/ml
5) T A~2-methylnaphthalene...	6.854	3158404	24.136 ug/ml
6) T n-Tetradecane (C14)	8.026	2938071	24.175 ug/ml
7) T n-Hexadecane (C16)	9.618	2958645	24.208 ug/ml
8) T n-Octadecane (C18)	11.052	3008771	23.898 ug/ml
10) T n-Eicosane (C20)	12.355	2940835	23.330 ug/ml
11) T n-Heneicosane (C21)	12.965	2907680	22.778 ug/ml
13) T n-Docosane (C22)	13.547	2919982	22.937 ug/ml
14) T n-Tetracosane (C24)	14.645	2946595	22.907 ug/ml
15) T n-Hexacosane (C26)	15.661	2844501	22.336 ug/ml
16) T n-Octacosane (C28)	16.606	2792345	21.886 ug/ml
17) T n-Tricontane (C30)	17.489	2748590	21.694 ug/ml
18) T n-Dotriacontane (C32)	18.317	2577426	20.976 ug/ml
19) T n-Tetratriacontane (C34)	19.096	2390520	20.029 ug/ml
20) T n-Hexatriacontane (C36)	19.831	2275749	20.419 ug/ml
21) T n-Octatriacontane (C38)	20.532	2218675	21.462 ug/ml
22) T n-Tetracontane (C40)	21.337	2257747	22.494 ug/ml

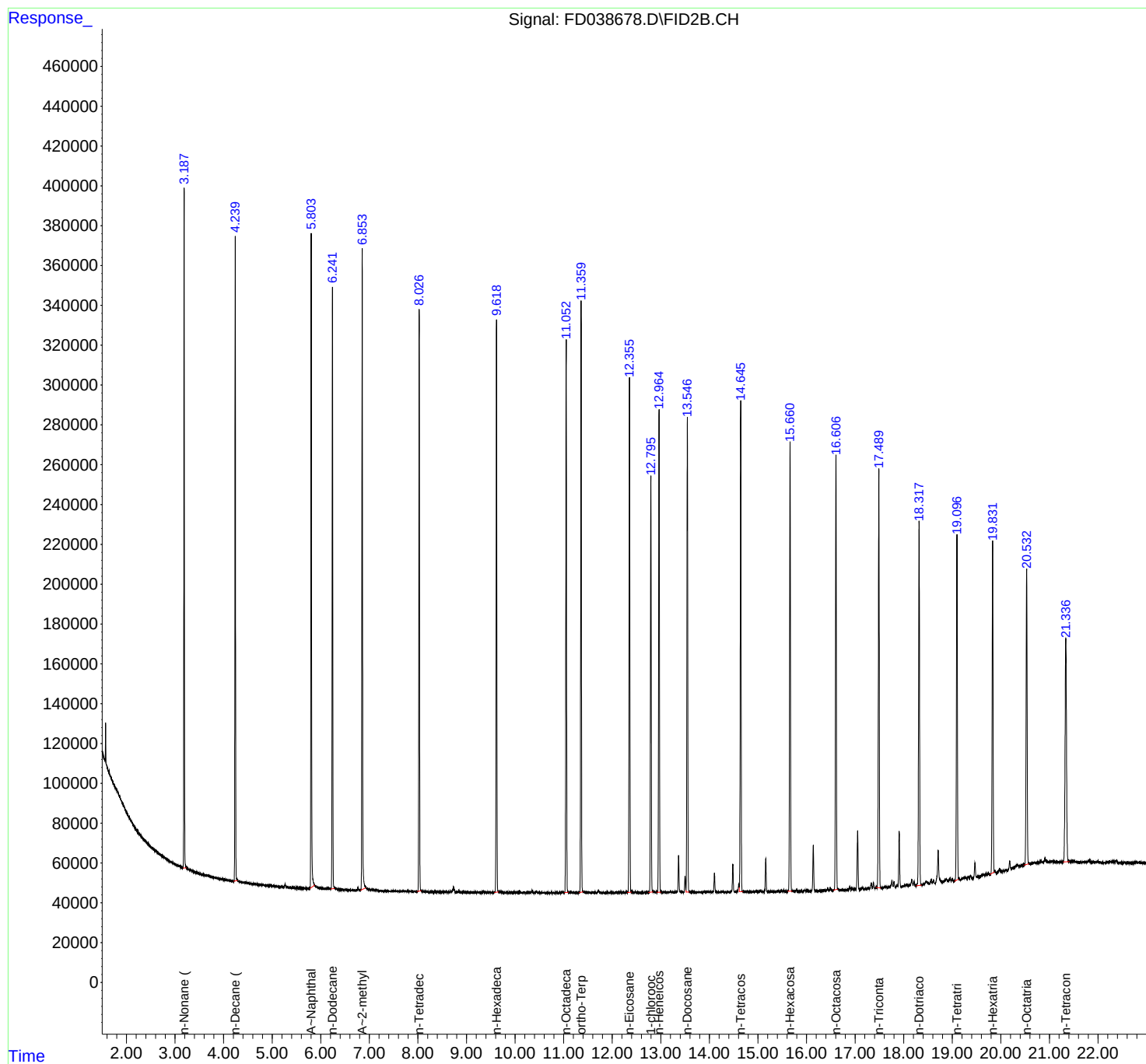
(f)=RT Delta > 1/2 Window

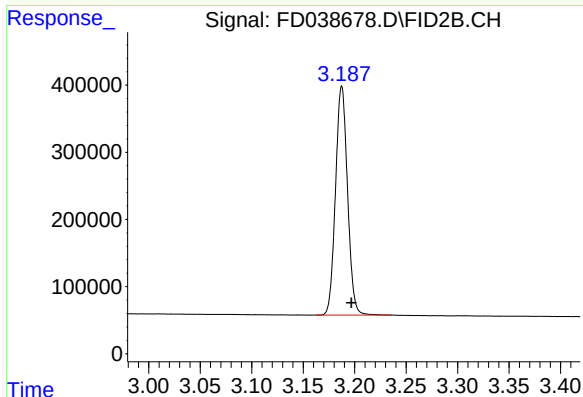
(m)=manual int.

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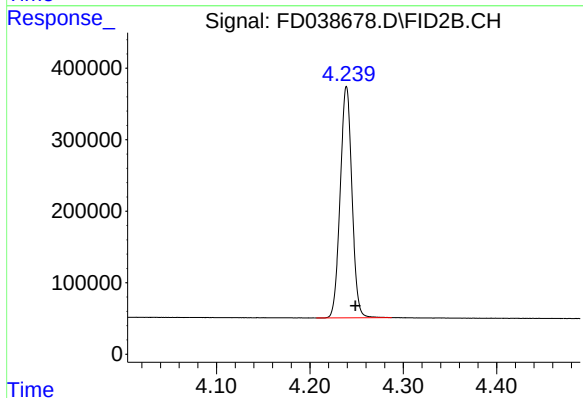
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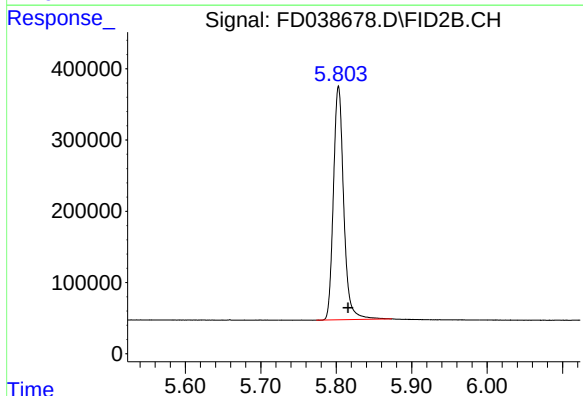
#1 n-Nonane (C9)

R.T.: 3.188 min
Delta R.T.: -0.009 min
Response: 2772547
Conc: 23.62 ug/ml



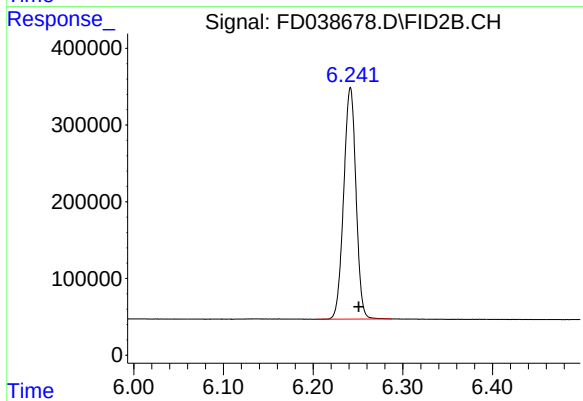
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: -0.009 min
Response: 2826513
Conc: 23.97 ug/ml



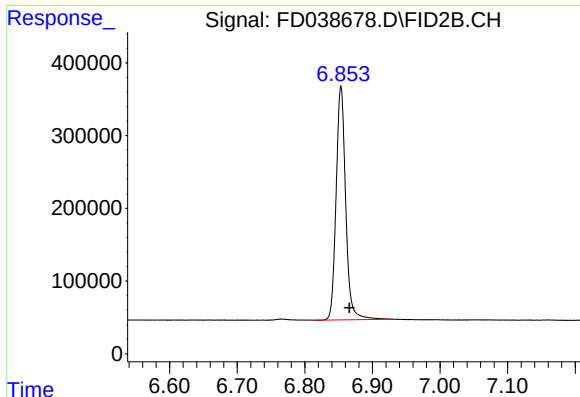
#3 A~Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: -0.013 min
Response: 3110119
Conc: 23.83 ug/ml



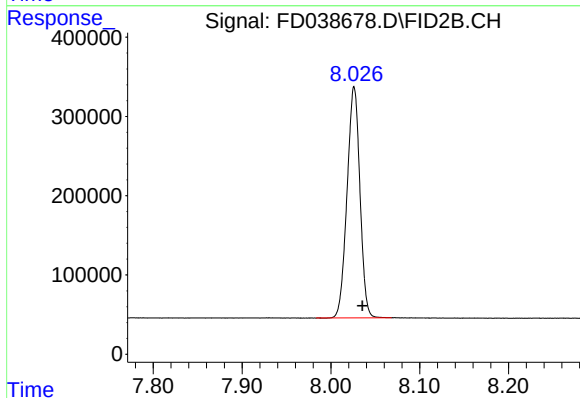
#4 n-Dodecane (C12)

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 2876396
Conc: 24.22 ug/ml



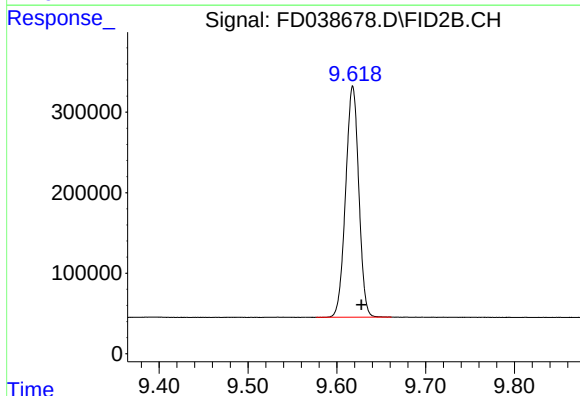
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.013 min
Response: 3158404
Conc: 24.14 ug/ml



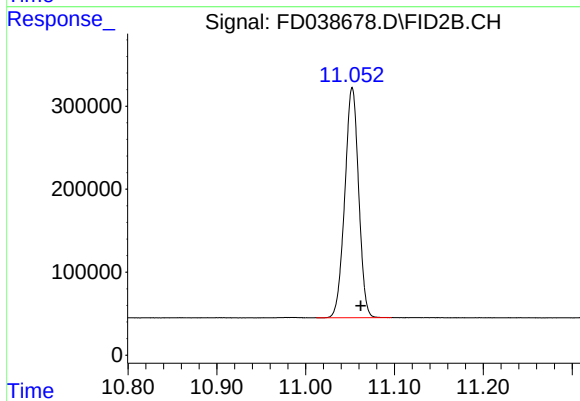
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: -0.010 min
Response: 2938071
Conc: 24.17 ug/ml



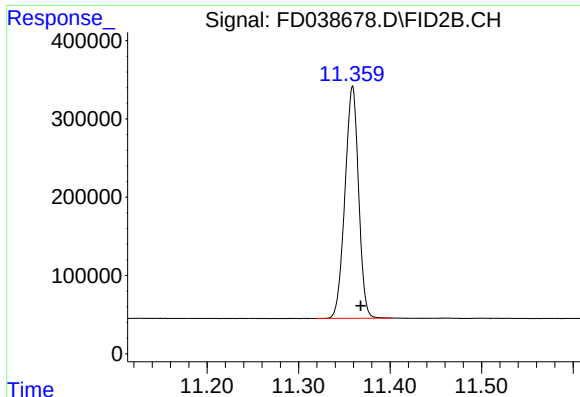
#7 n-Hexadecane (C16)

R.T.: 9.618 min
Delta R.T.: -0.010 min
Response: 2958645
Conc: 24.21 ug/ml



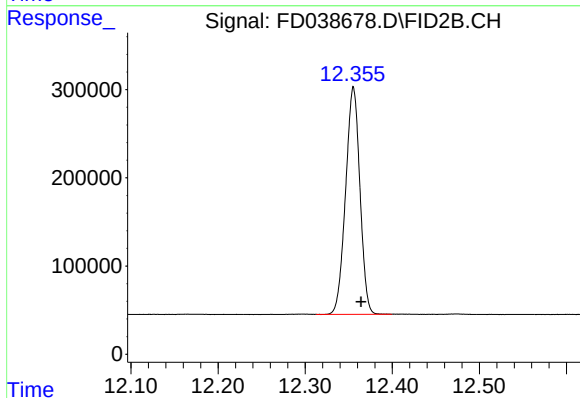
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.009 min
Response: 3008771
Conc: 23.90 ug/ml



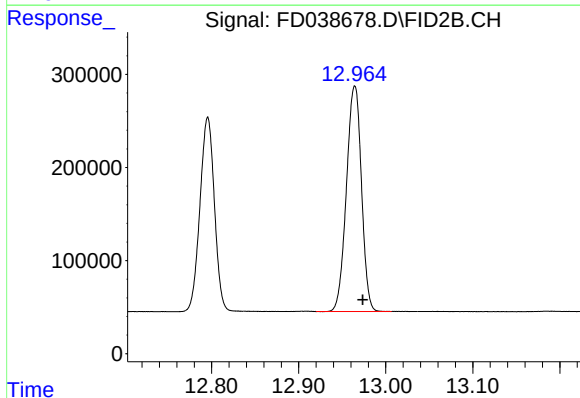
#9 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: -0.009 min
Response: 3069485
Conc: 22.49 ug/ml



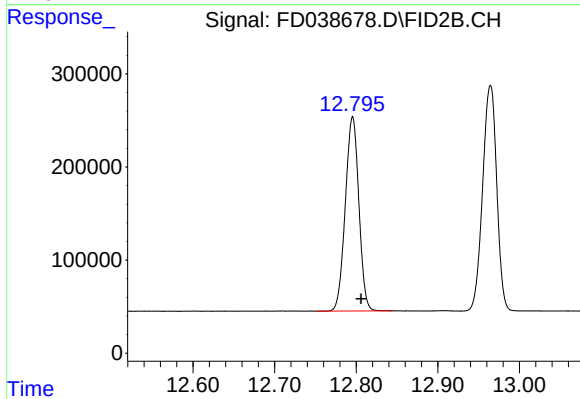
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: -0.009 min
Response: 2940835
Conc: 23.33 ug/ml



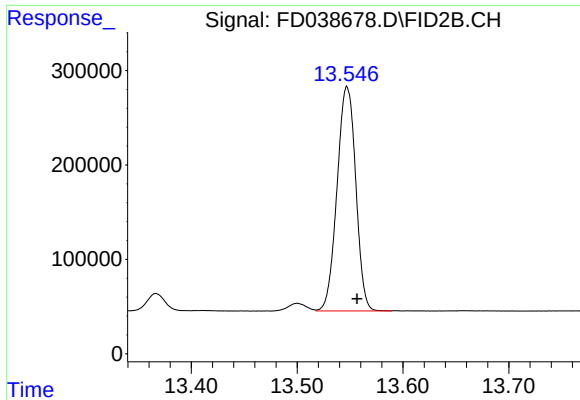
#11 n-Heneicosane (C21)

R.T.: 12.965 min
Delta R.T.: -0.009 min
Response: 2907680
Conc: 22.78 ug/ml



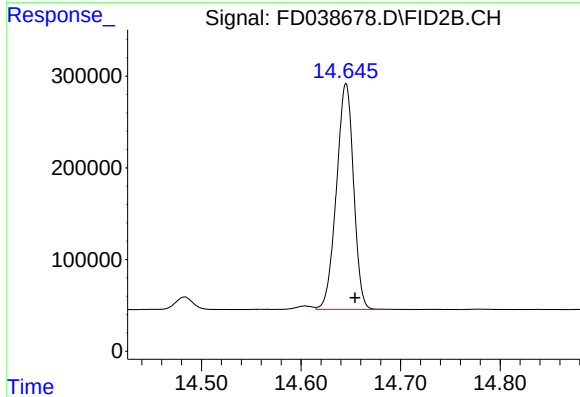
#12 1-chlorooctadecane (SURR)

R.T.: 12.796 min
Delta R.T.: -0.010 min
Response: 2407022
Conc: 22.38 ug/ml



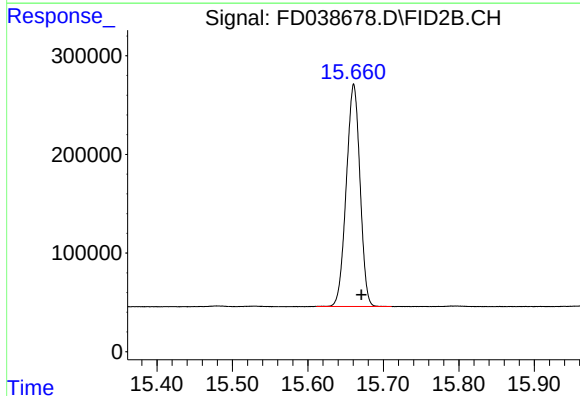
#13 n-Docosane (C22)

R.T.: 13.547 min
Delta R.T.: -0.009 min
Response: 2919982
Conc: 22.94 ug/ml



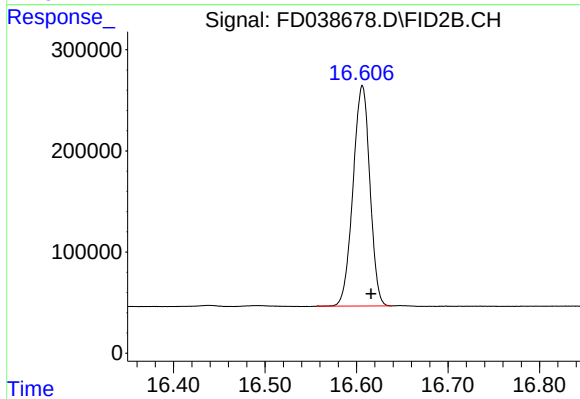
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.009 min
Response: 2946595
Conc: 22.91 ug/ml



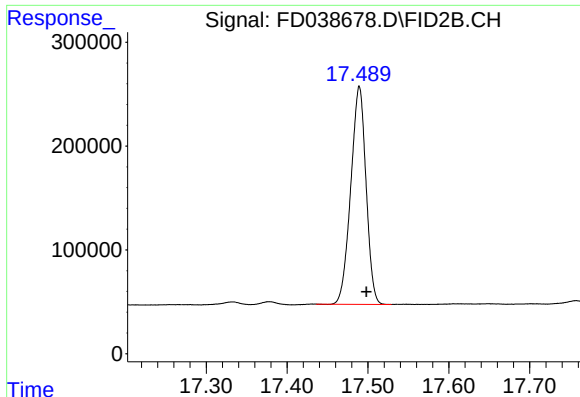
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: -0.010 min
Response: 2844501
Conc: 22.34 ug/ml



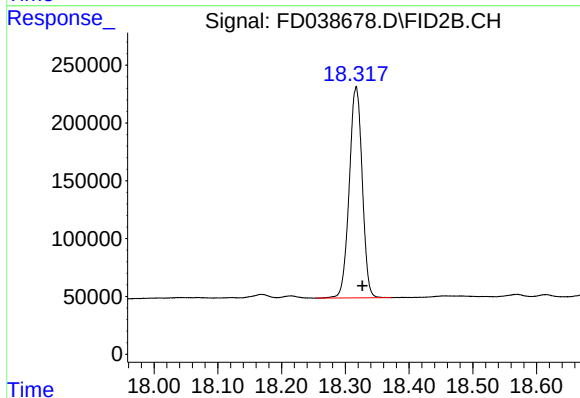
#16 n-Octacosane (C28)

R.T.: 16.606 min
Delta R.T.: -0.009 min
Response: 2792345
Conc: 21.89 ug/ml



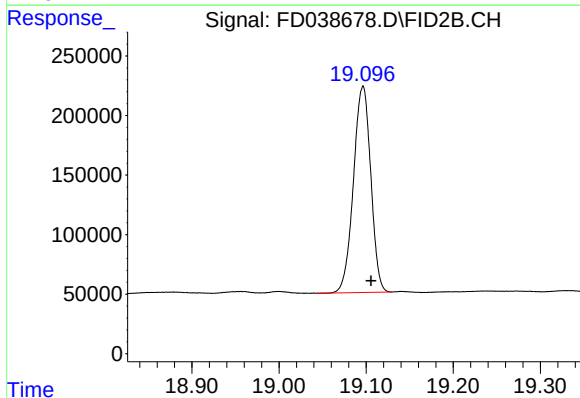
#17 n-Tricontane (C30)

R.T.: 17.489 min
Delta R.T.: -0.009 min
Response: 2748590
Conc: 21.69 ug/ml



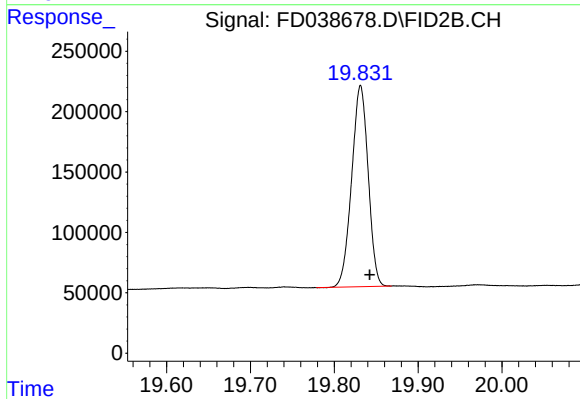
#18 n-Dotriacontane (C32)

R.T.: 18.317 min
Delta R.T.: -0.010 min
Response: 2577426
Conc: 20.98 ug/ml



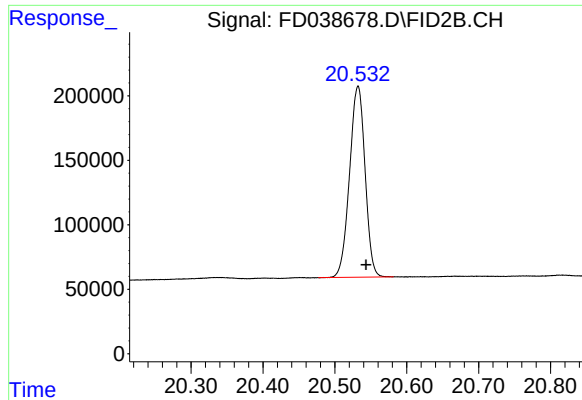
#19 n-Tetratriacontane (C34)

R.T.: 19.096 min
Delta R.T.: -0.009 min
Response: 2390520
Conc: 20.03 ug/ml



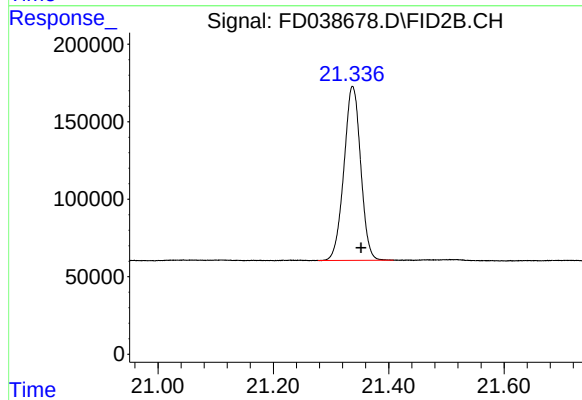
#20 n-Hexatriacontane (C36)

R.T.: 19.831 min
Delta R.T.: -0.011 min
Response: 2275749
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: -0.011 min
Response: 2218675
Conc: 21.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.337 min
Delta R.T.: -0.015 min
Response: 2257747
Conc: 22.49 ug/ml