

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021723AL\
 Data File : FE040399.D
 Signal(s) : FID1B.ch
 Acq On : 17 Feb 2023 09:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 17 14:20:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.893	3222265	19.908 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
12) S 1-chlorooctadecane (S...	13.331	2438167	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.284	2741756	20.145 ug/ml
2) T n-Decane (C10)	4.534	2688852	20.237 ug/ml
3) T A~Naphthalene (C11.7)	6.237	2956581	20.202 ug/ml
4) T n-Dodecane (C12)	6.699	2739303	20.346 ug/ml
5) T A~2-methylnaphthalene...	7.332	2761714	20.403 ug/ml
6) T n-Tetradecane (C14)	8.526	2780331	20.174 ug/ml
7) T n-Hexadecane (C16)	10.134	2884590	20.099 ug/ml
8) T n-Octadecane (C18)	11.577	2955358	19.867 ug/ml
10) T n-Eicosane (C20)	12.886	2905660	19.764 ug/ml
11) T n-Heneicosane (C21)	13.499	2920118	19.798 ug/ml
13) T n-Docosane (C22)	14.086	2910621	19.644 ug/ml
14) T n-Tetracosane (C24)	15.190	2916915	19.215 ug/ml
15) T n-Hexacosane (C26)	16.212	2831402	19.099 ug/ml
16) T n-Octacosane (C28)	17.162	2793881	18.643 ug/ml
17) T n-Tricontane (C30)	18.052	2715587	18.405 ug/ml
18) T n-Dotriacontane (C32)	18.886	2674598	18.262 ug/ml
19) T n-Tetratriacontane (C34)	19.672	2546718	18.516 ug/ml
20) T n-Hexatriacontane (C36)	20.412	2412312	18.187 ug/ml
21) T n-Octatriacontane (C38)	21.145	2406956	18.553 ug/ml
22) T n-Tetracontane (C40)	22.045	2438033	18.363 ug/ml

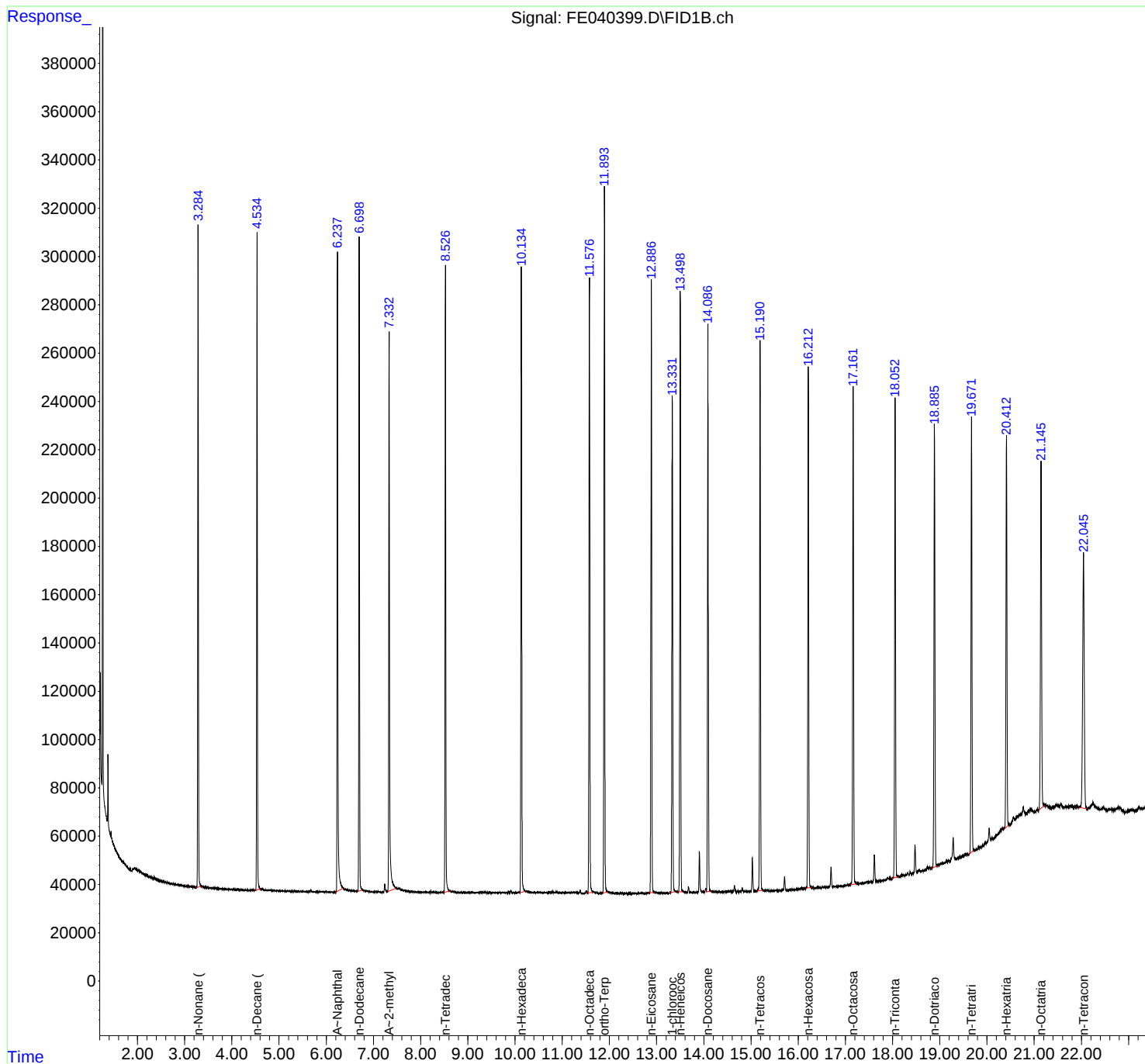
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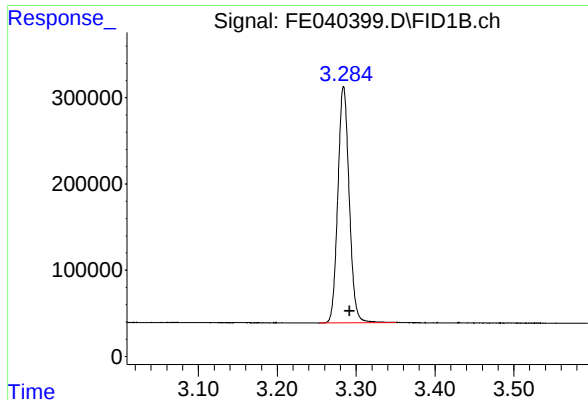
(m)=manual int.

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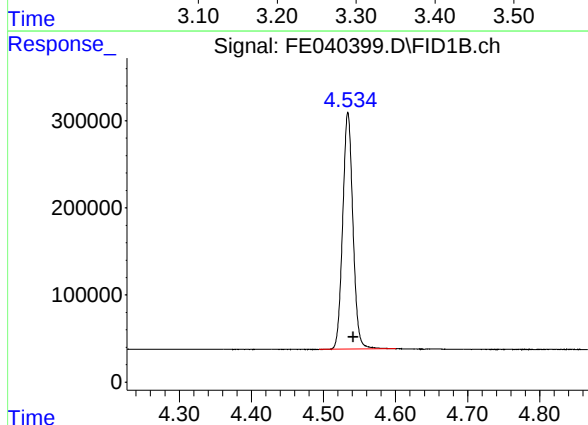
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Signal Info : 20M x 0.18mm x 0.18um





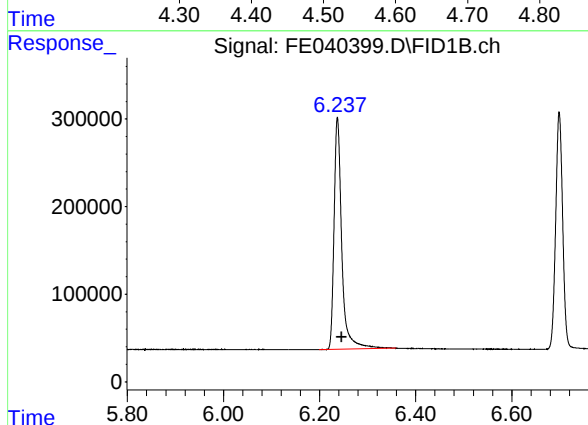
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.008 min
Response: 2741756
Conc: 20.14 ug/ml



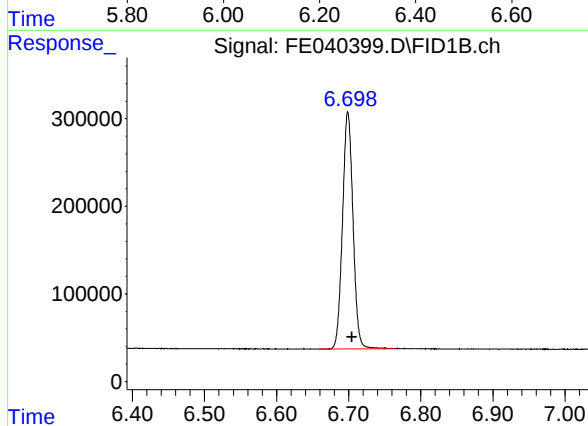
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.007 min
Response: 2688852
Conc: 20.24 ug/ml



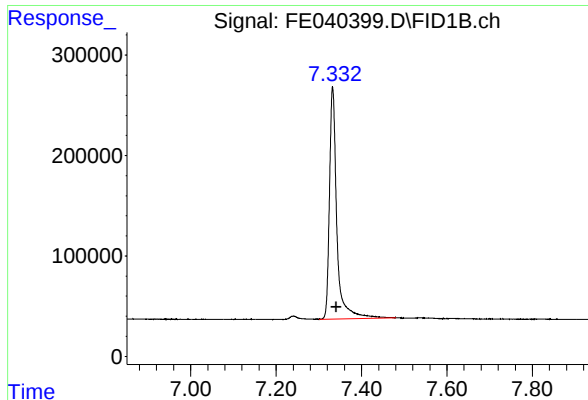
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.009 min
Response: 2956581
Conc: 20.20 ug/ml



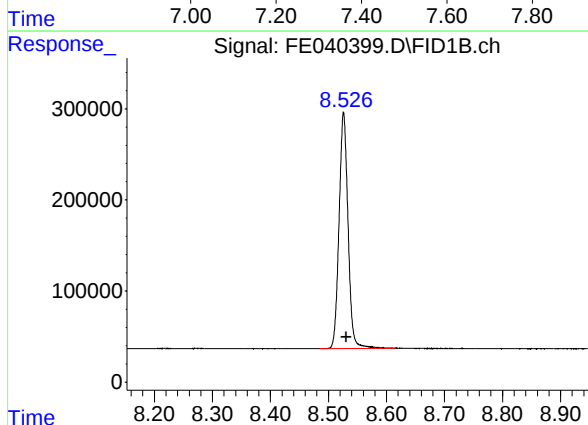
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.006 min
Response: 2739303
Conc: 20.35 ug/ml



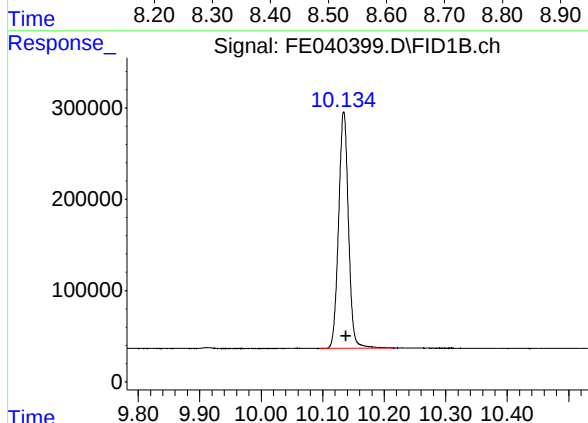
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: -0.009 min
Response: 2761714
Conc: 20.40 ug/ml



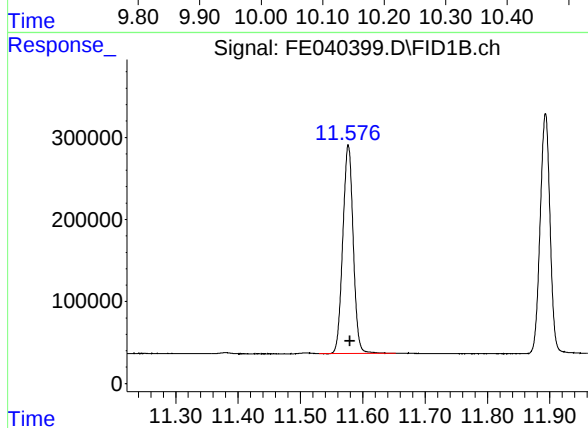
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.005 min
Response: 2780331
Conc: 20.17 ug/ml



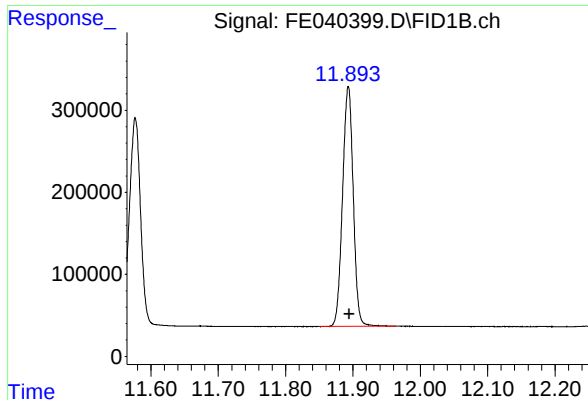
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.004 min
Response: 2884590
Conc: 20.10 ug/ml



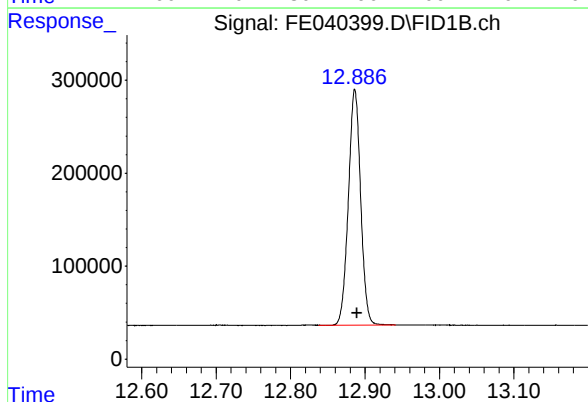
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 2955358
Conc: 19.87 ug/ml



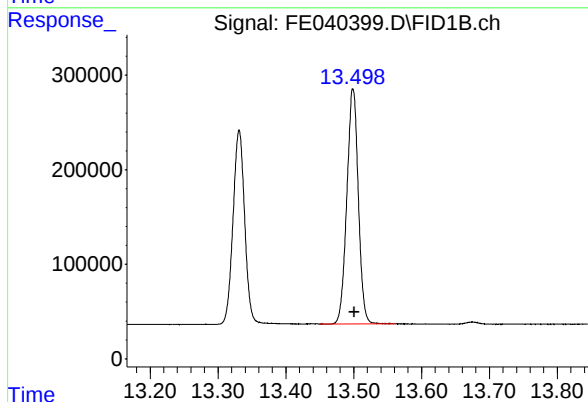
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.001 min
Response: 3222265
Conc: 19.91 ug/ml



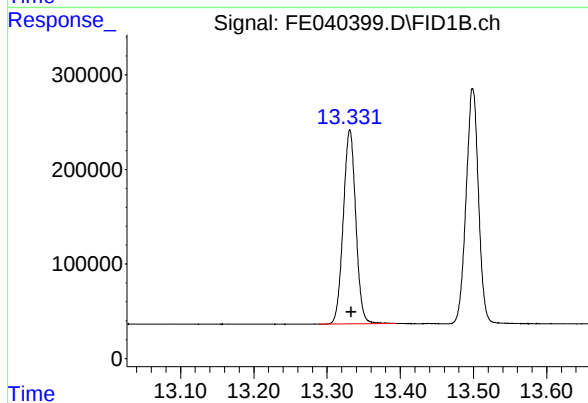
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.003 min
Response: 2905660
Conc: 19.76 ug/ml



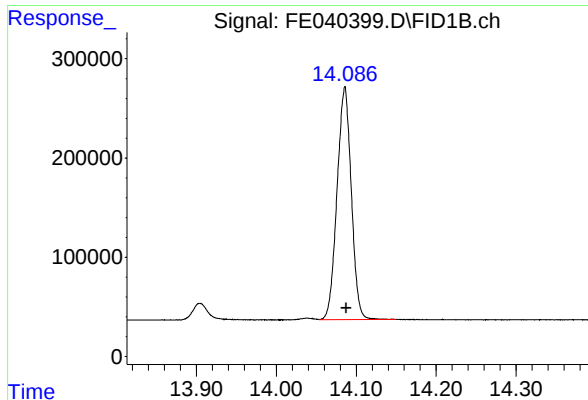
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.002 min
Response: 2920118
Conc: 19.80 ug/ml



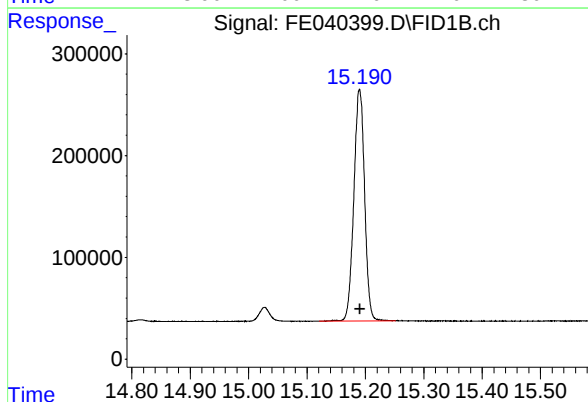
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.002 min
Response: 2438167
Conc: 19.66 ug/ml



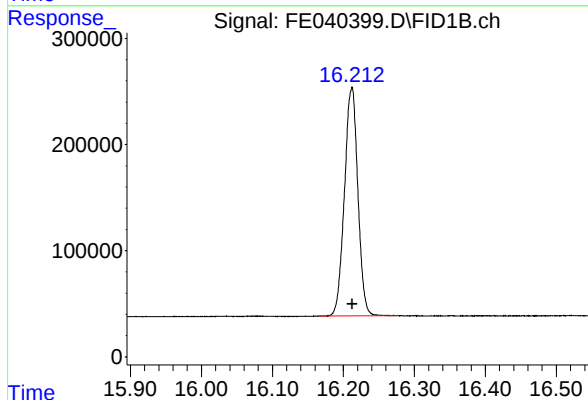
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.002 min
Response: 2910621
Conc: 19.64 ug/ml



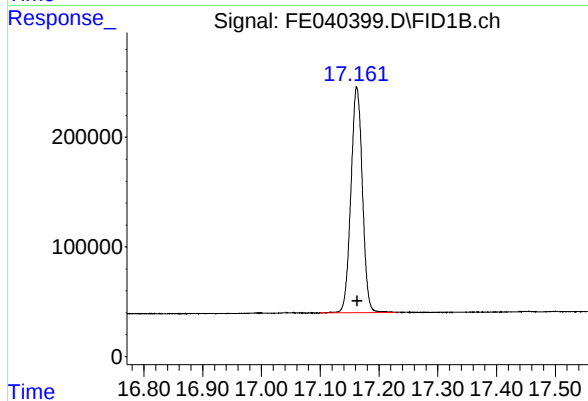
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: 0.000 min
Response: 2916915
Conc: 19.22 ug/ml



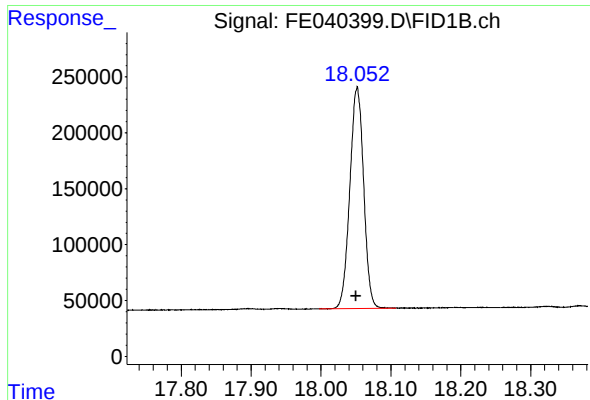
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 2831402
Conc: 19.10 ug/ml



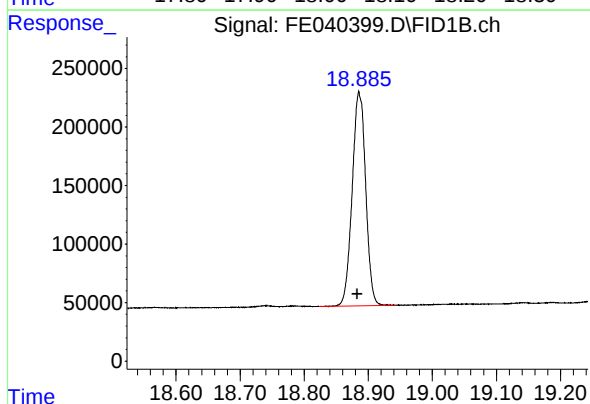
#16 n-Octacosane (C28)

R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 2793881
Conc: 18.64 ug/ml



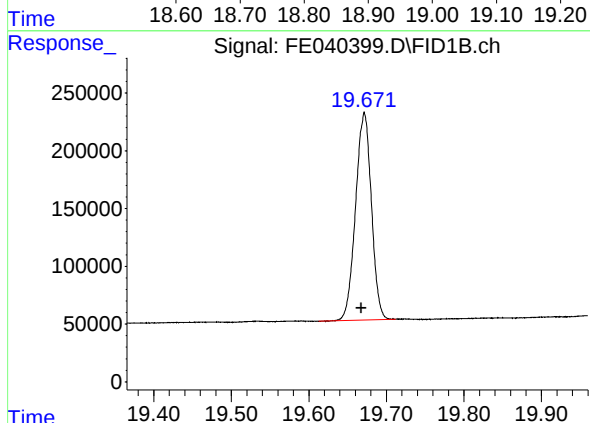
#17 n-Tricontane (C30)

R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 2715587
Conc: 18.40 ug/ml



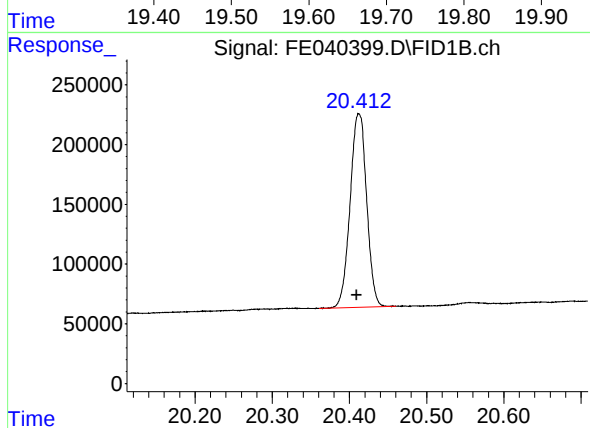
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: 0.003 min
Response: 2674598
Conc: 18.26 ug/ml



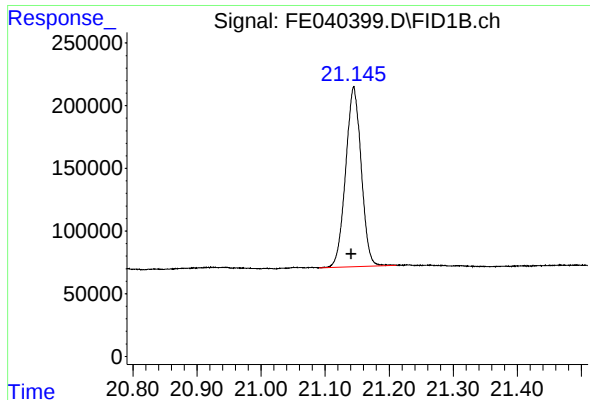
#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: 0.004 min
Response: 2546718
Conc: 18.52 ug/ml



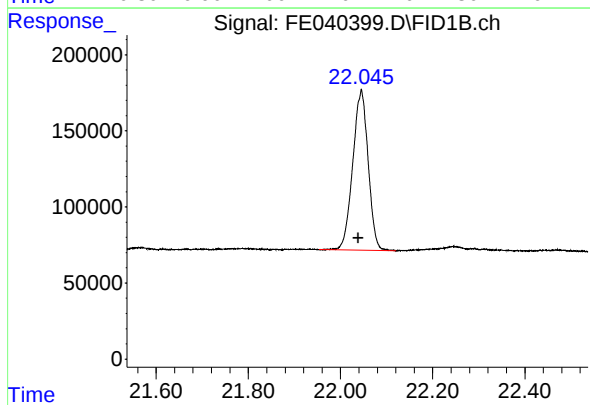
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: 0.003 min
Response: 2412312
Conc: 18.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: 0.004 min
Response: 2406956
Conc: 18.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: 0.007 min
Response: 2438033
Conc: 18.36 ug/ml