

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030623AL\
 Data File : FD045242.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2023 20:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 07 02:56:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 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)	11.448	3390720	22.010 ug/ml
Spiked Amount 50.000		Recovery =	44.02%
12) S 1-chlorooctadecane (S...	12.881	2538580	21.950 ug/ml
Spiked Amount 50.000		Recovery =	43.90%
Target Compounds			
1) T n-Nonane (C9)	3.267	3022630	22.231 ug/ml
2) T n-Decane (C10)	4.324	2975628	22.277 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3464818	22.108 ug/ml
4) T n-Dodecane (C12)	6.329	3008740	22.252 ug/ml
5) T A~2-methylnaphthalene...	6.939	3255992	22.044 ug/ml
6) T n-Tetradecane (C14)	8.114	3030107	22.312 ug/ml
7) T n-Hexadecane (C16)	9.706	3107024	22.324 ug/ml
8) T n-Octadecane (C18)	11.139	3121081	22.246 ug/ml
10) T n-Eicosane (C20)	12.442	3001787	22.158 ug/ml
11) T n-Heneicosane (C21)	13.049	2989811	21.926 ug/ml
13) T n-Docosane (C22)	13.633	2948183	22.018 ug/ml
14) T n-Tetracosane (C24)	14.729	2880241	21.993 ug/ml
15) T n-Hexacosane (C26)	15.743	2754488	21.872 ug/ml
16) T n-Octacosane (C28)	16.687	2665973	21.753 ug/ml
17) T n-Tricontane (C30)	17.567	2598307	21.946 ug/ml
18) T n-Dotriacontane (C32)	18.393	2576945	22.013 ug/ml
19) T n-Tetratriacontane (C34)	19.172	2530278	22.011 ug/ml
20) T n-Hexatriacontane (C36)	19.905	2417949	22.014 ug/ml
21) T n-Octatriacontane (C38)	20.611	2385308	22.131 ug/ml
22) T n-Tetracontane (C40)	21.449	2361698	22.029 ug/ml

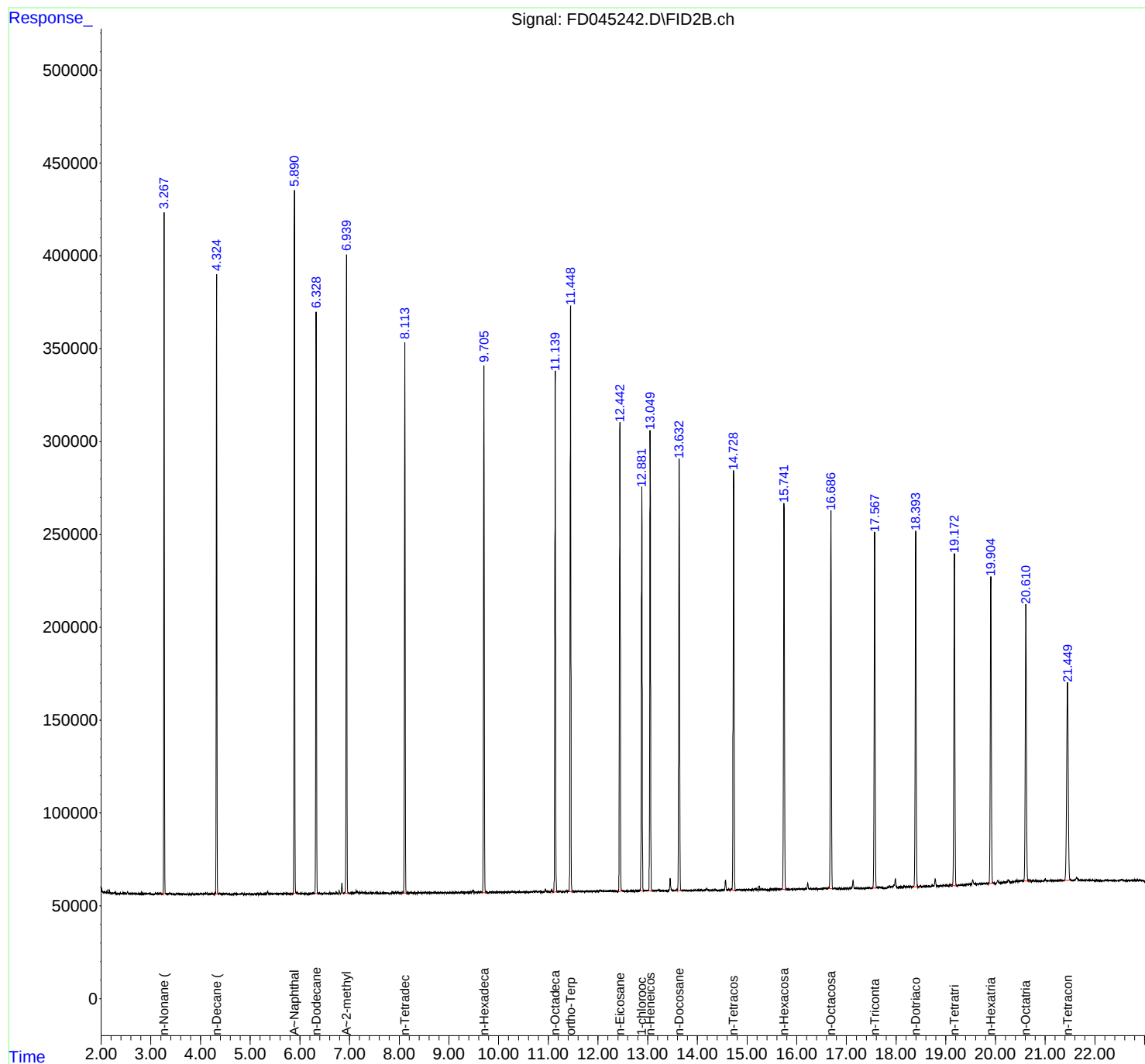
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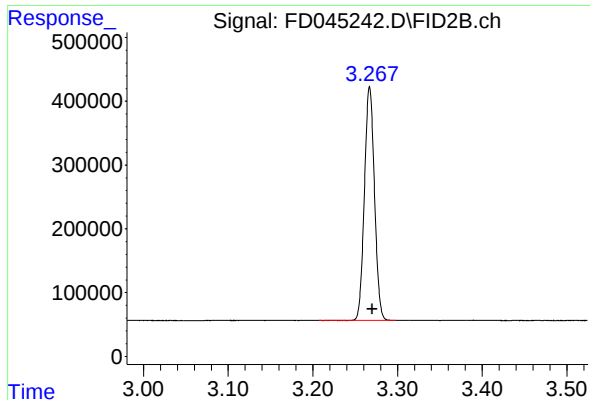
(m)=manual int.

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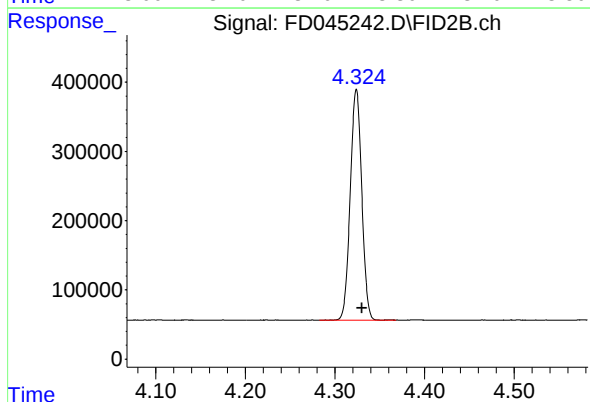
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





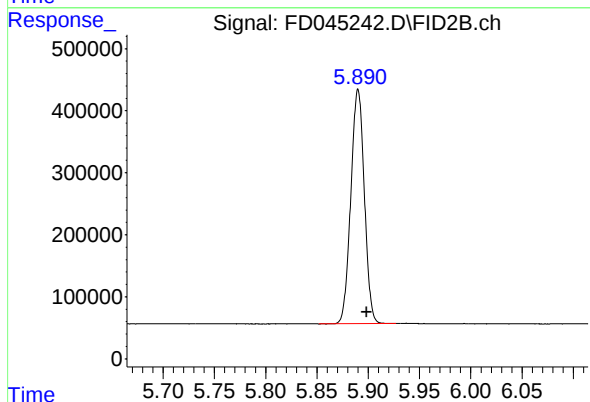
#1 n-Nonane (C9)

R.T.: 3.267 min
Delta R.T.: -0.003 min
Response: 3022630
Conc: 22.23 ug/ml



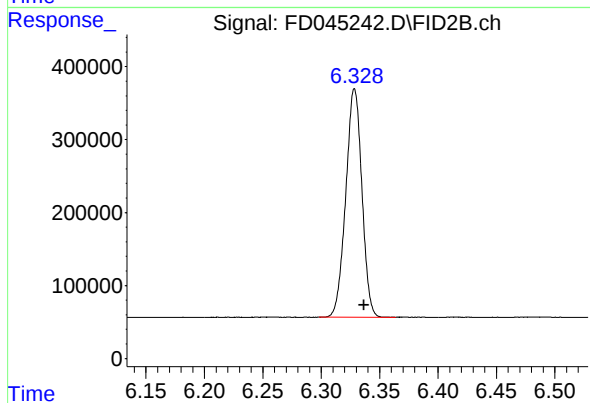
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 2975628
Conc: 22.28 ug/ml



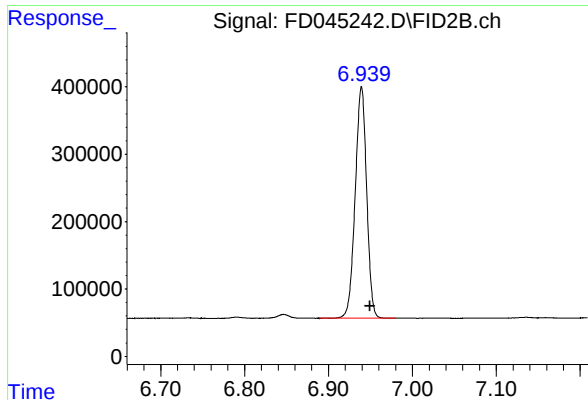
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.009 min
Response: 3464818
Conc: 22.11 ug/ml



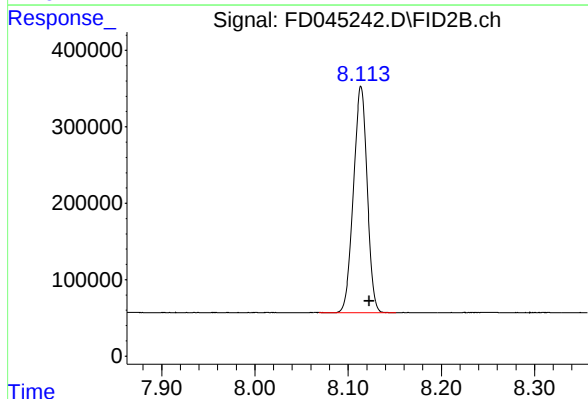
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.008 min
Response: 3008740
Conc: 22.25 ug/ml



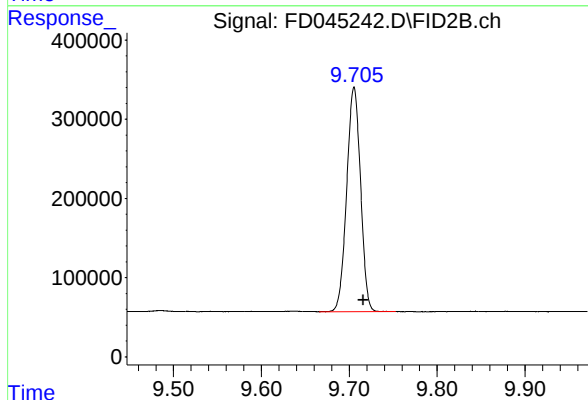
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.010 min
Response: 3255992
Conc: 22.04 ug/ml



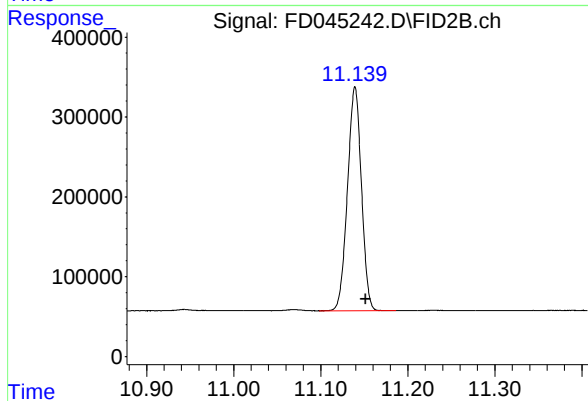
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 3030107
Conc: 22.31 ug/ml



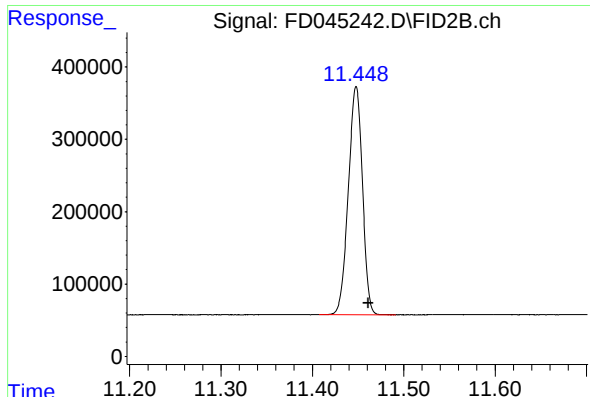
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.011 min
Response: 3107024
Conc: 22.32 ug/ml



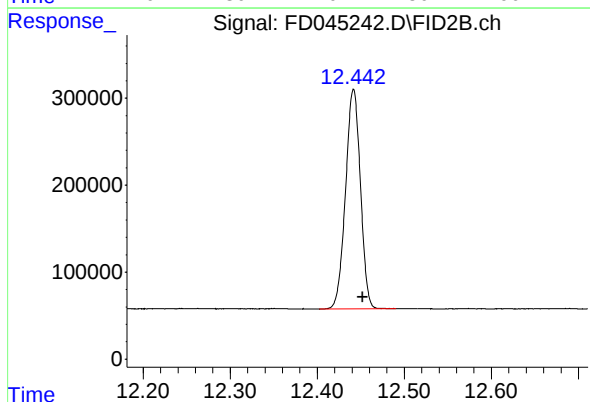
#8 n-Octadecane (C18)

R.T.: 11.139 min
Delta R.T.: -0.012 min
Response: 3121081
Conc: 22.25 ug/ml



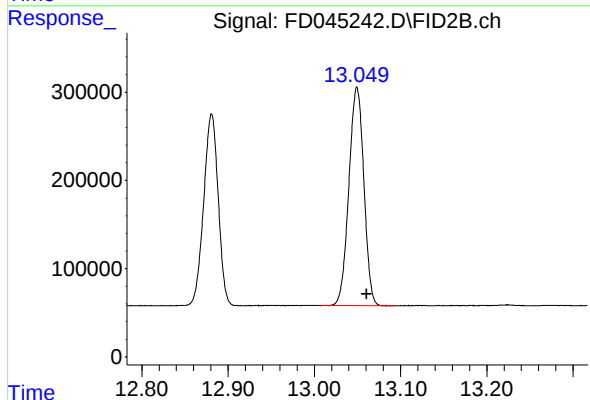
#9 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: -0.013 min
Response: 3390720
Conc: 22.01 ug/ml



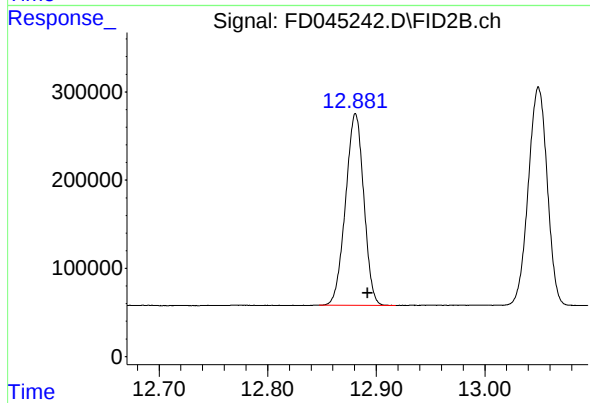
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.010 min
Response: 3001787
Conc: 22.16 ug/ml



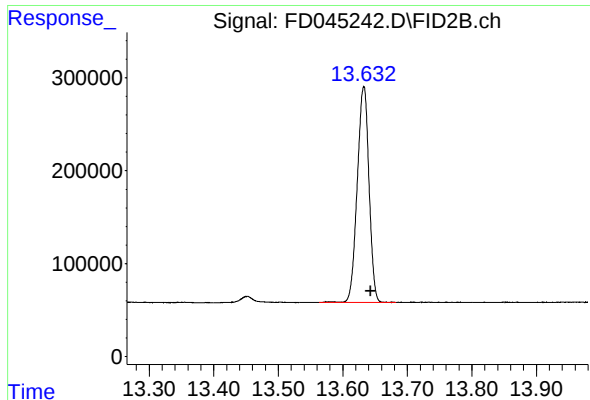
#11 n-Heneicosane (C21)

R.T.: 13.049 min
Delta R.T.: -0.011 min
Response: 2989811
Conc: 21.93 ug/ml



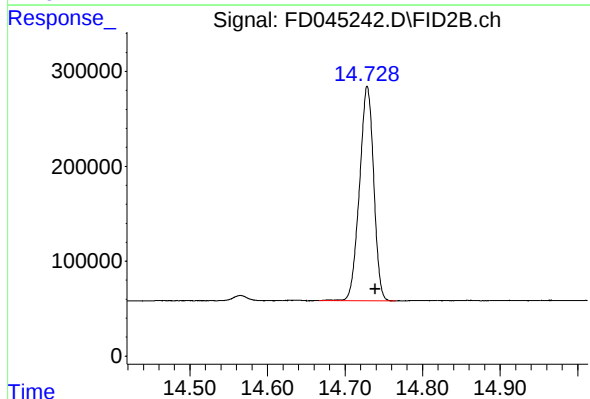
#12 1-chlorooctadecane (SURR)

R.T.: 12.881 min
Delta R.T.: -0.011 min
Response: 2538580
Conc: 21.95 ug/ml



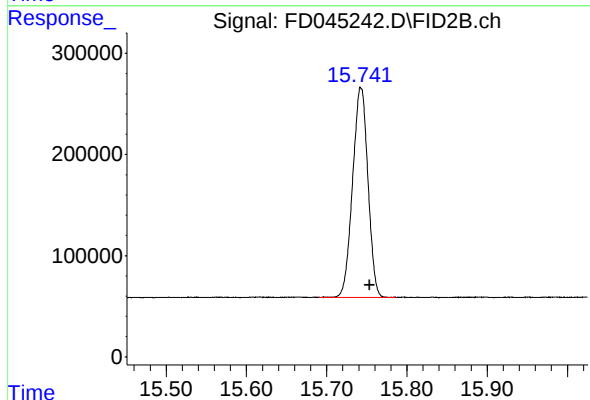
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.011 min
Response: 2948183
Conc: 22.02 ug/ml



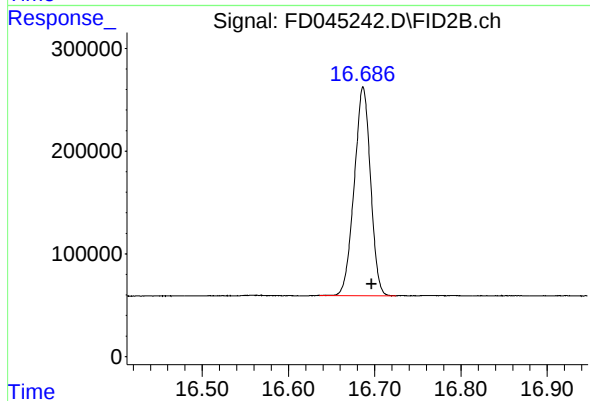
#14 n-Tetracosane (C24)

R.T.: 14.729 min
Delta R.T.: -0.010 min
Response: 2880241
Conc: 21.99 ug/ml



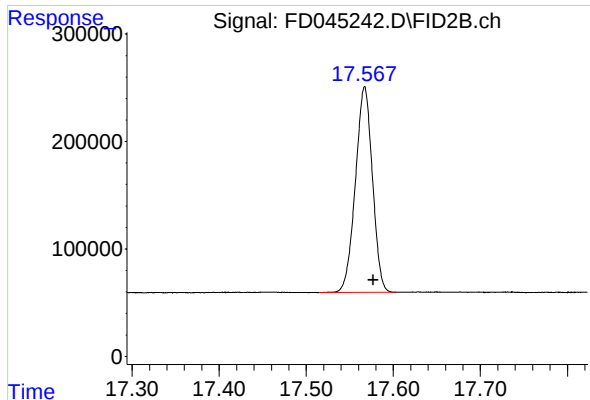
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: -0.011 min
Response: 2754488
Conc: 21.87 ug/ml



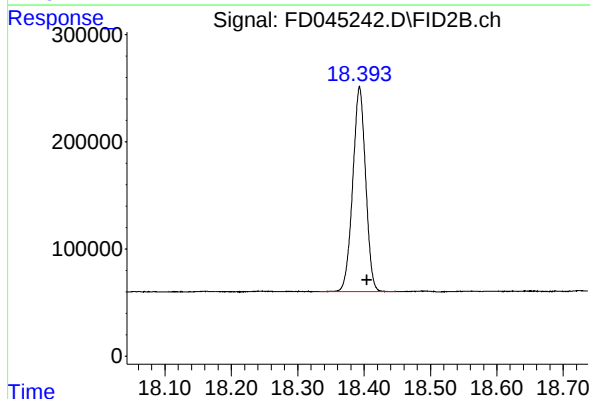
#16 n-Octacosane (C28)

R.T.: 16.687 min
Delta R.T.: -0.010 min
Response: 2665973
Conc: 21.75 ug/ml



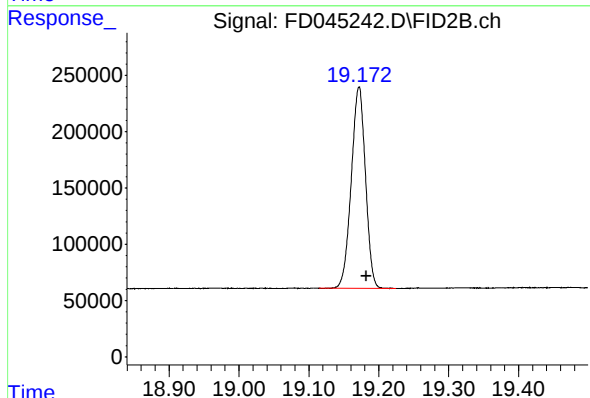
#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: -0.010 min
Response: 2598307
Conc: 21.95 ug/ml



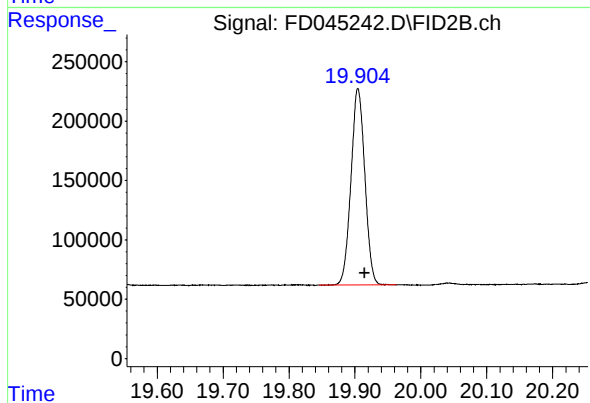
#18 n-Dotriacontane (C32)

R.T.: 18.393 min
Delta R.T.: -0.012 min
Response: 2576945
Conc: 22.01 ug/ml



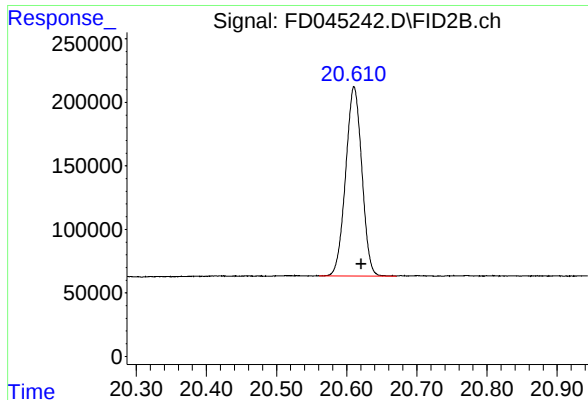
#19 n-Tetratriacontane (C34)

R.T.: 19.172 min
Delta R.T.: -0.011 min
Response: 2530278
Conc: 22.01 ug/ml



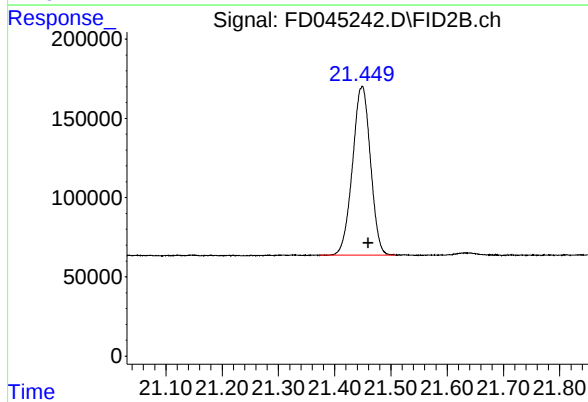
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: -0.010 min
Response: 2417949
Conc: 22.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.010 min
Response: 2385308
Conc: 22.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.449 min
Delta R.T.: -0.011 min
Response: 2361698
Conc: 22.03 ug/ml