

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062922AL\
 Data File : FC060503.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2022 09:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 03:06:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.639	3832681	20.914 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
12) S 1-chlorooctadecane (S...	12.004	3062088	20.775 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	2.630	3198602	20.852 ug/ml
2) T n-Decane (C10)	3.626	3230932	21.156 ug/ml
3) T A~Naphthalene (C11.7)	5.166	3578818	21.406 ug/ml
4) T n-Dodecane (C12)	5.574	3440346	21.287 ug/ml
5) T A~2-methylnaphthalene...	6.190	3588659	21.111 ug/ml
6) T n-Tetradecane (C14)	7.324	3509564	21.244 ug/ml
7) T n-Hexadecane (C16)	8.885	3592584	21.258 ug/ml
8) T n-Octadecane (C18)	10.292	3640405	21.160 ug/ml
10) T n-Eicosane (C20)	11.568	3575894	20.952 ug/ml
11) T n-Heneicosane (C21)	12.166	3553836	20.844 ug/ml
13) T n-Docosane (C22)	12.738	3591098	21.067 ug/ml
14) T n-Tetracosane (C24)	13.813	3524192	20.990 ug/ml
15) T n-Hexacosane (C26)	14.810	3421713	20.822 ug/ml
16) T n-Octacosane (C28)	15.736	3335061	21.018 ug/ml
17) T n-Tricontane (C30)	16.603	3260975	21.422 ug/ml
18) T n-Dotriacontane (C32)	17.413	3045652	20.952 ug/ml
19) T n-Tetratriacontane (C34)	18.178	2741946	21.588 ug/ml
20) T n-Hexatriacontane (C36)	18.896	1501062	13.375 ug/ml
21) T n-Octatriacontane (C38)	19.579	2418583	22.094 ug/ml
22) T n-Tetracontane (C40)	20.226	2094698	18.547 ug/ml

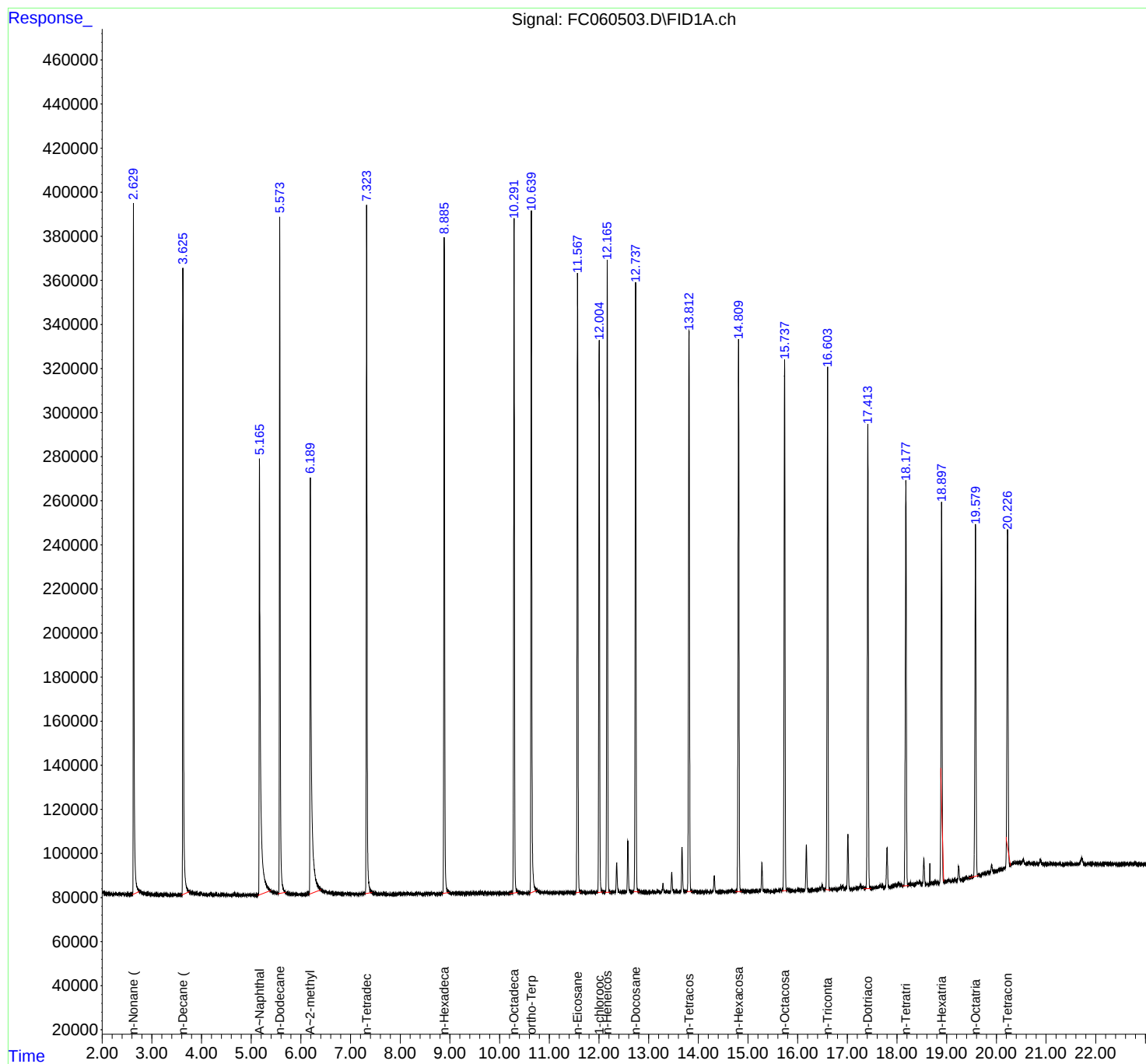
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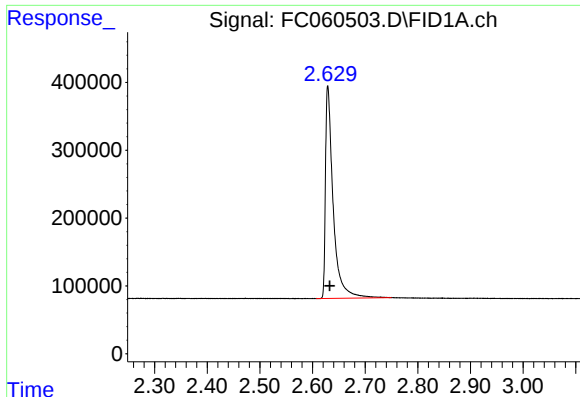
(m)=manual int.

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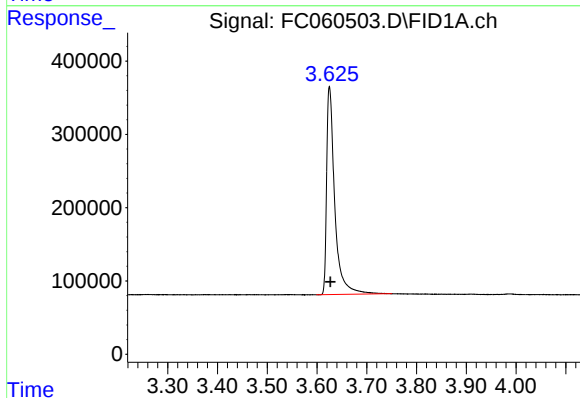
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





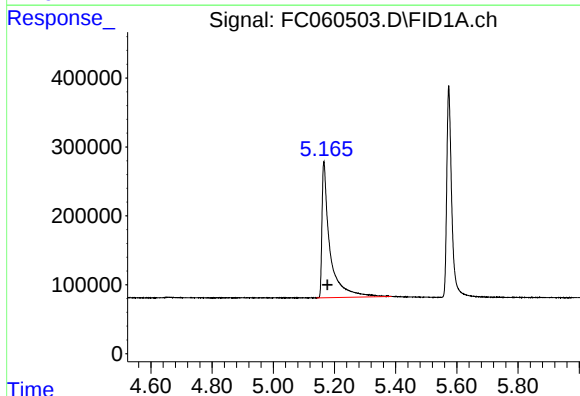
#1 n-Nonane (C9)

R.T.: 2.630 min
Delta R.T.: -0.003 min
Response: 3198602
Conc: 20.85 ug/ml



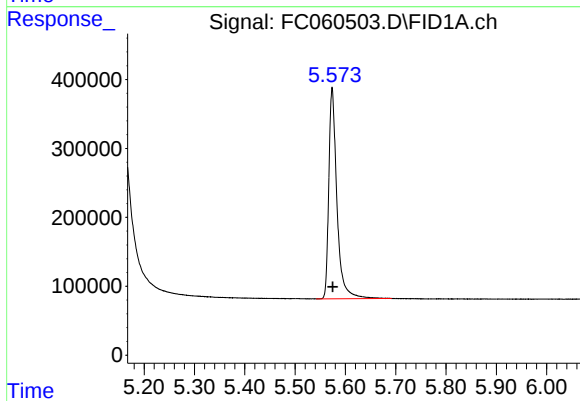
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 3230932
Conc: 21.16 ug/ml



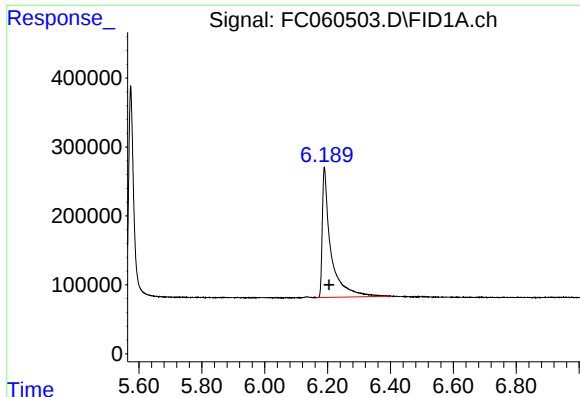
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.011 min
Response: 3578818
Conc: 21.41 ug/ml



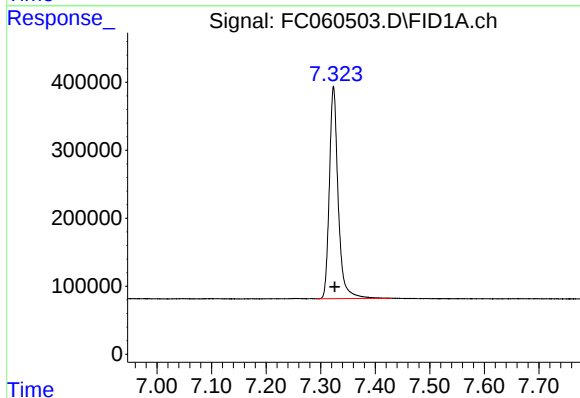
#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 3440346
Conc: 21.29 ug/ml



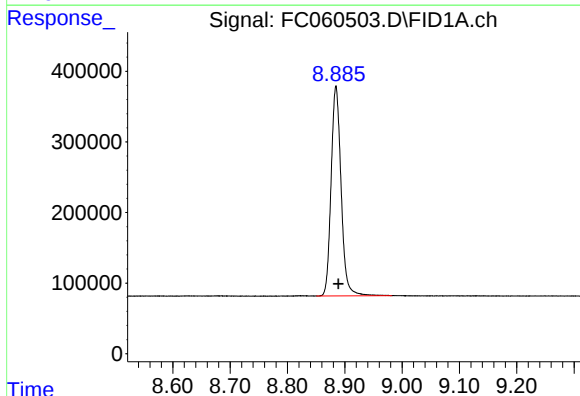
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.190 min
Delta R.T.: -0.014 min
Response: 3588659
Conc: 21.11 ug/ml



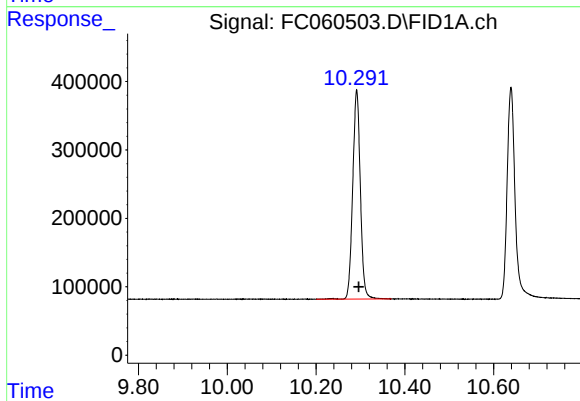
#6 n-Tetradecane (C14)

R.T.: 7.324 min
Delta R.T.: -0.002 min
Response: 3509564
Conc: 21.24 ug/ml



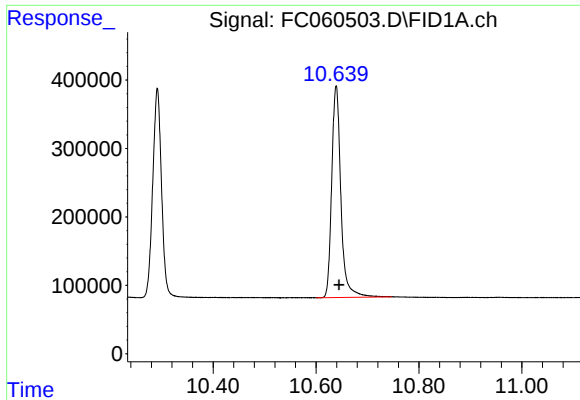
#7 n-Hexadecane (C16)

R.T.: 8.885 min
Delta R.T.: -0.004 min
Response: 3592584
Conc: 21.26 ug/ml



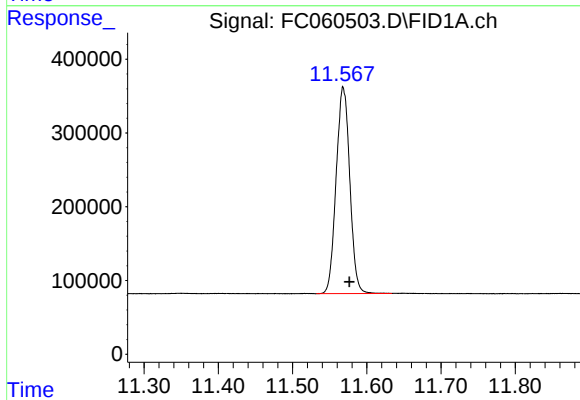
#8 n-Octadecane (C18)

R.T.: 10.292 min
Delta R.T.: -0.005 min
Response: 3640405
Conc: 21.16 ug/ml



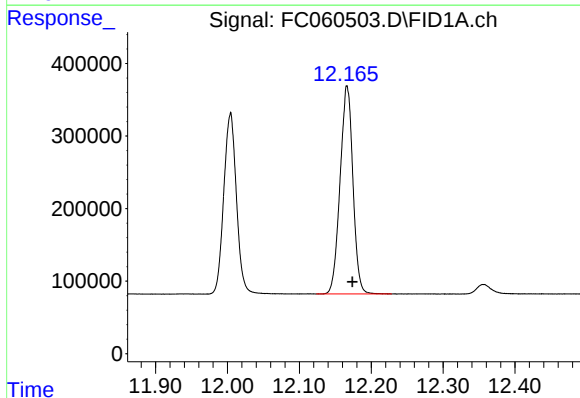
#9 ortho-Terphenyl (SURR)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 3832681
Conc: 20.91 ug/ml



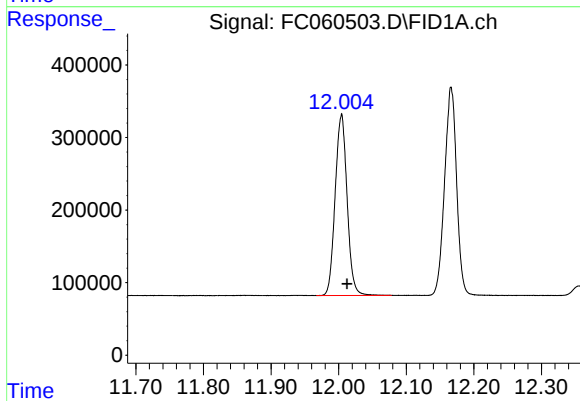
#10 n-Eicosane (C20)

R.T.: 11.568 min
Delta R.T.: -0.008 min
Response: 3575894
Conc: 20.95 ug/ml



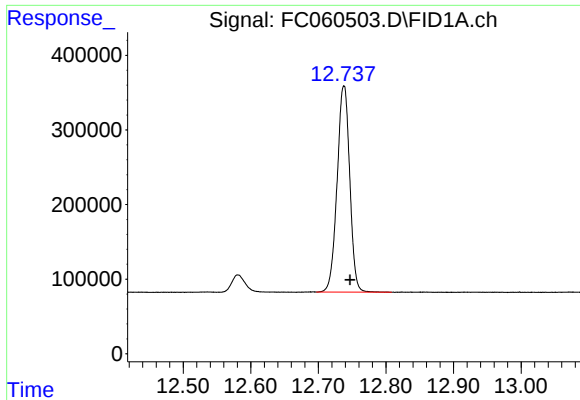
#11 n-Heneicosane (C21)

R.T.: 12.166 min
Delta R.T.: -0.007 min
Response: 3553836
Conc: 20.84 ug/ml



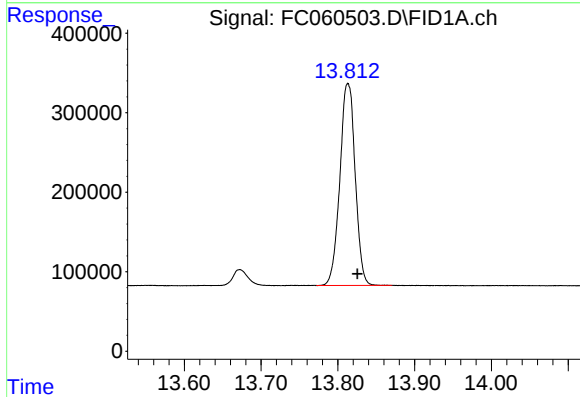
#12 1-chlorooctadecane (SURR)

R.T.: 12.004 min
Delta R.T.: -0.009 min
Response: 3062088
Conc: 20.77 ug/ml



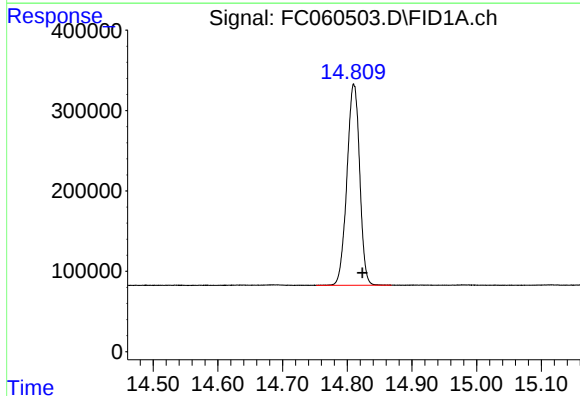
#13 n-Docosane (C22)

R.T.: 12.738 min
Delta R.T.: -0.009 min
Response: 3591098
Conc: 21.07 ug/ml



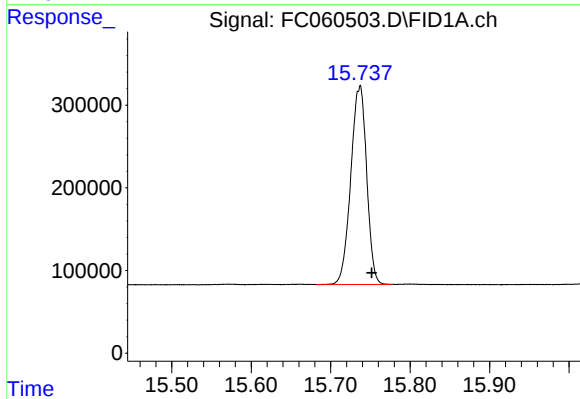
#14 n-Tetracosane (C24)

R.T.: 13.813 min
Delta R.T.: -0.012 min
Response: 3524192
Conc: 20.99 ug/ml



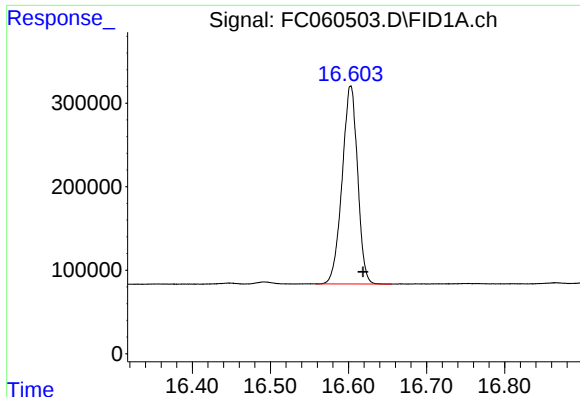
#15 n-Hexacosane (C26)

R.T.: 14.810 min
Delta R.T.: -0.013 min
Response: 3421713
Conc: 20.82 ug/ml



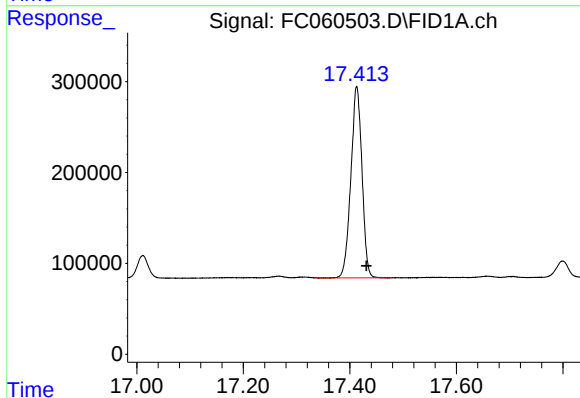
#16 n-Octacosane (C28)

R.T.: 15.736 min
Delta R.T.: -0.015 min
Response: 3335061
Conc: 21.02 ug/ml



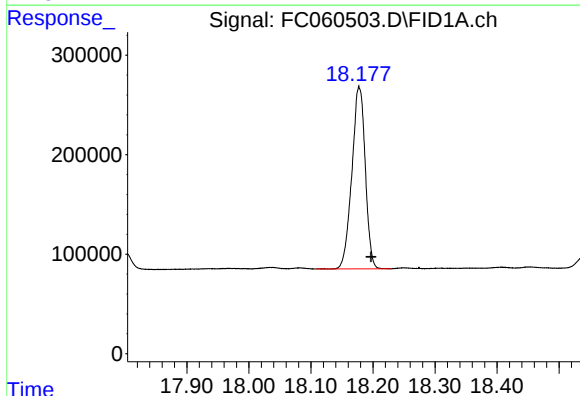
#17 n-Tricontane (C30)

R.T.: 16.603 min
Delta R.T.: -0.016 min
Response: 3260975
Conc: 21.42 ug/ml



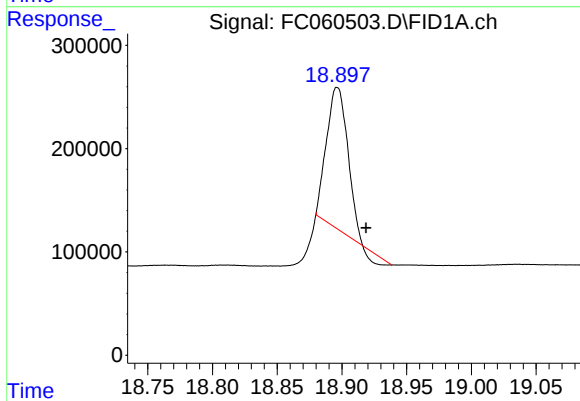
#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: -0.018 min
Response: 3045652
Conc: 20.95 ug/ml



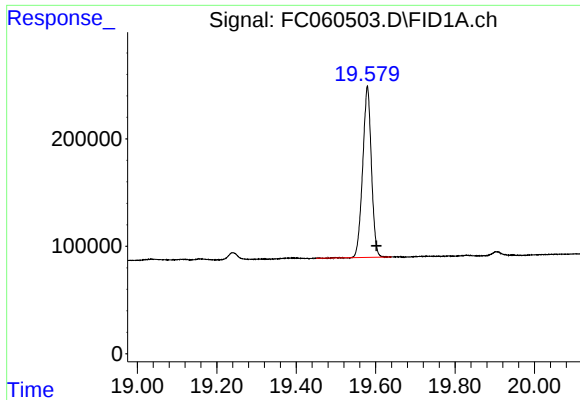
#19 n-Tetratriacontane (C34)

R.T.: 18.178 min
Delta R.T.: -0.019 min
Response: 2741946
Conc: 21.59 ug/ml



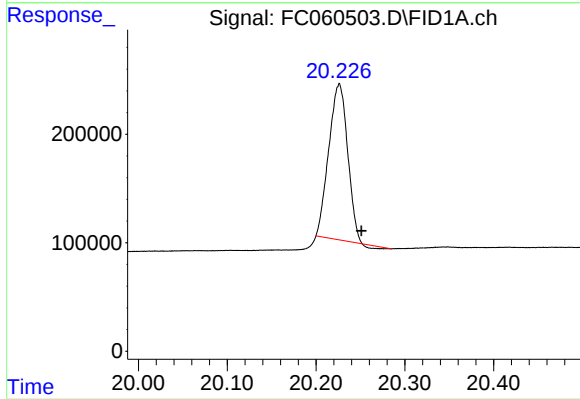
#20 n-Hexatriacontane (C36)

R.T.: 18.896 min
Delta R.T.: -0.022 min
Response: 1501062
Conc: 13.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.579 min
Delta R.T.: -0.023 min
Response: 2418583
Conc: 22.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.226 min
Delta R.T.: -0.025 min
Response: 2094698
Conc: 18.55 ug/ml