

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040324AL\
 Data File : FC066177.D
 Signal(s) : FID1A.ch
 Acq On : 03 Apr 2024 21:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 04 01:19:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040124.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 13:05:22 2024
 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)	11.475	3712438	17.575 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
12) S 1-chlorooctadecane (S...	12.902	2775440	17.703 ug/mlm
Spiked Amount 50.000		Recovery =	35.41%
Target Compounds			
1) T n-Nonane (C9)	3.273	2992857	16.684 ug/ml
2) T n-Decane (C10)	4.333	3206083	17.240 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3202222	16.780 ug/ml
4) T n-Dodecane (C12)	6.343	3299699	17.334 ug/mlm
5) T A~2-methylnaphthalene...	6.979	2895192	16.349 ug/ml
6) T n-Tetradecane (C14)	8.132	3235242	17.343 ug/ml
7) T n-Hexadecane (C16)	9.724	3348714	17.427 ug/ml
8) T n-Octadecane (C18)	11.157	3455083	17.736 ug/mlm
10) T n-Eicosane (C20)	12.459	3350733	17.729 ug/ml
11) T n-Heneicosane (C21)	13.068	3304823	17.658 ug/mlm
13) T n-Docosane (C22)	13.649	3367139	17.780 ug/mlm
14) T n-Tetracosane (C24)	14.746	3481438	17.936 ug/ml
15) T n-Hexacosane (C26)	15.759	3520867	18.232 ug/ml
16) T n-Octacosane (C28)	16.702	3691452	19.000 ug/mlm
17) T n-Tricontane (C30)	17.584	4091347	20.666 ug/mlm
18) T n-Dotriacontane (C32)	18.411	4169081	21.560 ug/ml
19) T n-Tetratriacontane (C34)	19.190	3830651	20.896 ug/mlm
20) T n-Hexatriacontane (C36)	19.924	3448267	19.617 ug/ml
21) T n-Octatriacontane (C38)	20.637	3255099	18.866 ug/mlm
22) T n-Tetracontane (C40)	21.495	3083610	18.314 ug/mlm

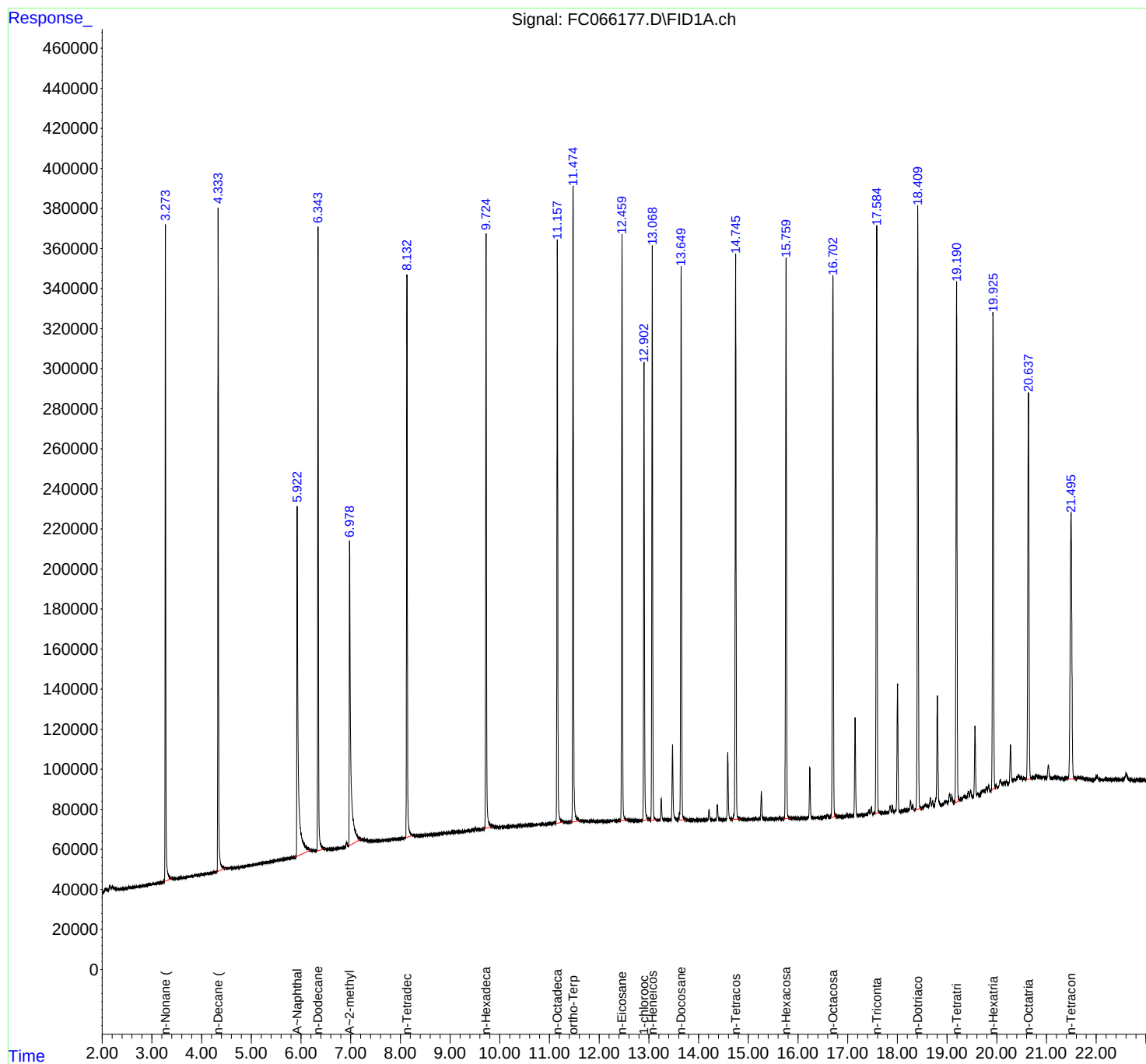
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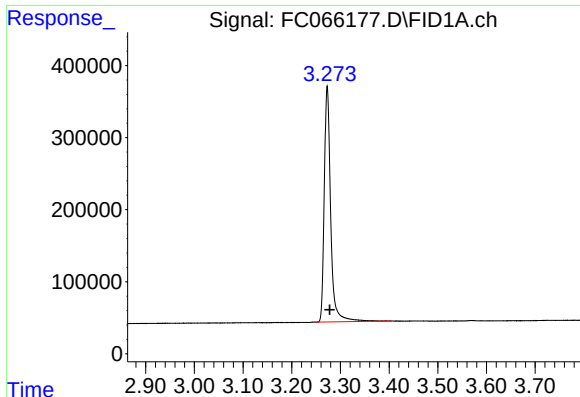
(m)=manual int.

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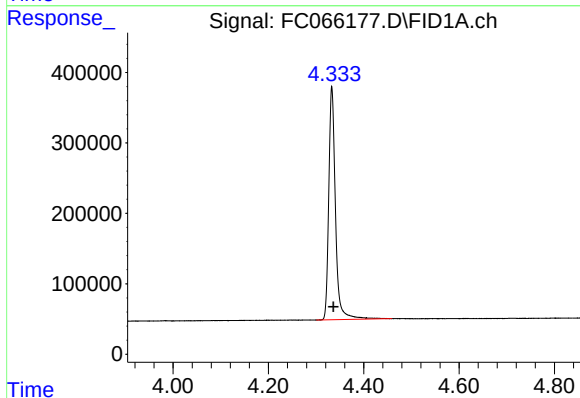
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





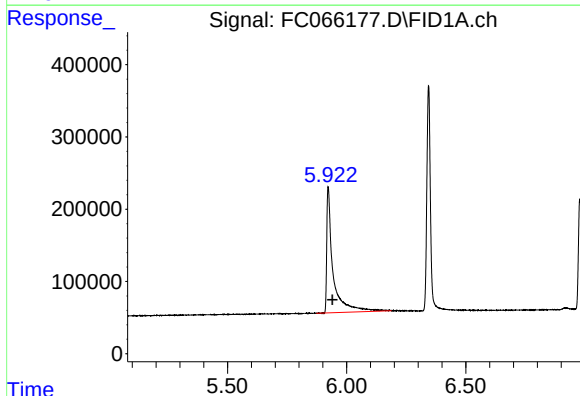
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: -0.005 min
Response: 2992857
Conc: 16.68 ug/ml



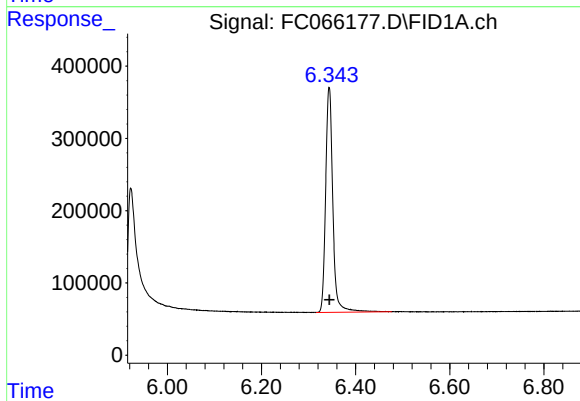
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.004 min
Response: 3206083
Conc: 17.24 ug/ml



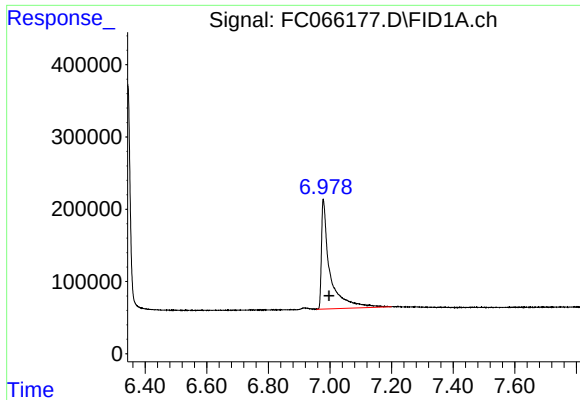
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.016 min
Response: 3202222
Conc: 16.78 ug/ml



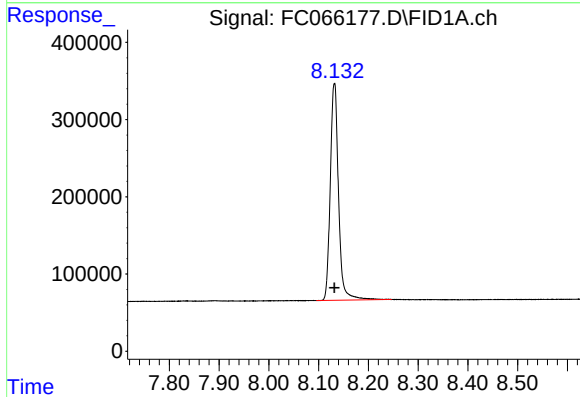
#4 n-Dodecane (C12)

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 3299699
Conc: 17.33 ug/ml m



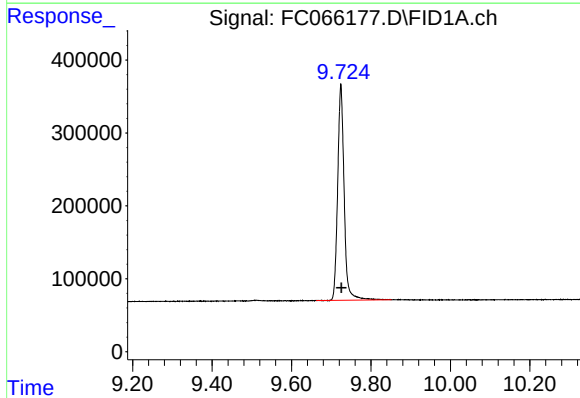
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.018 min
Response: 2895192
Conc: 16.35 ug/ml



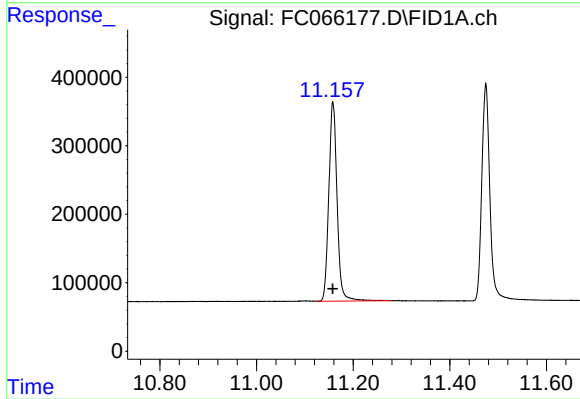
#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: 0.000 min
Response: 3235242
Conc: 17.34 ug/ml



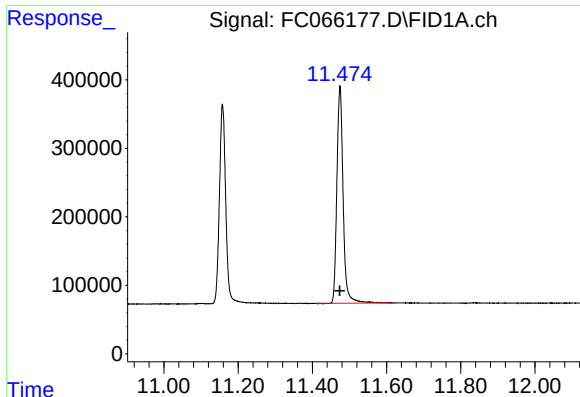
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 3348714
Conc: 17.43 ug/ml



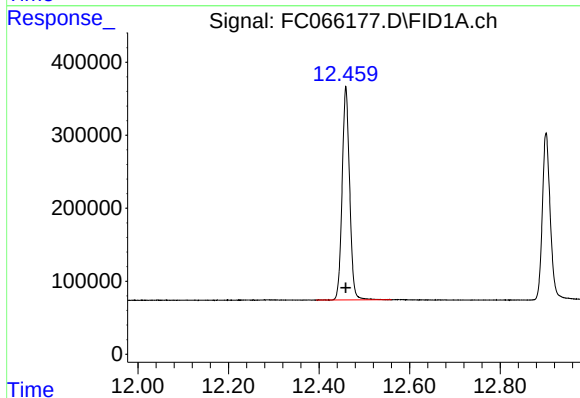
#8 n-Octadecane (C18)

R.T.: 11.157 min
Delta R.T.: 0.000 min
Response: 3455083
Conc: 17.74 ug/ml m



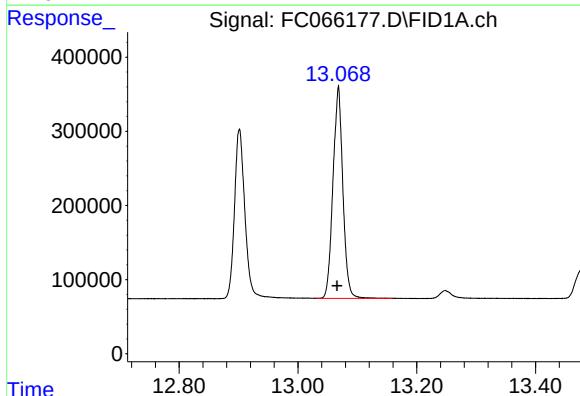
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: 0.001 min
Response: 3712438
Conc: 17.58 ug/ml



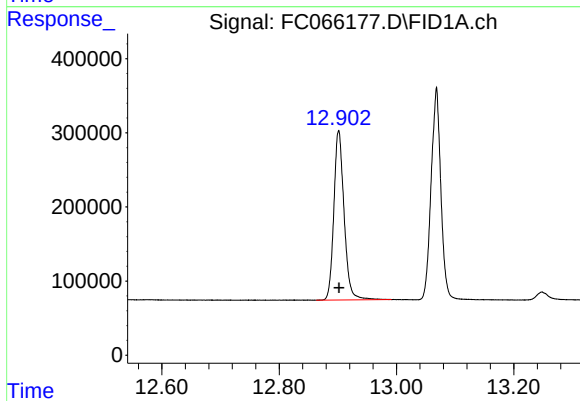
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: 0.000 min
Response: 3350733
Conc: 17.73 ug/ml



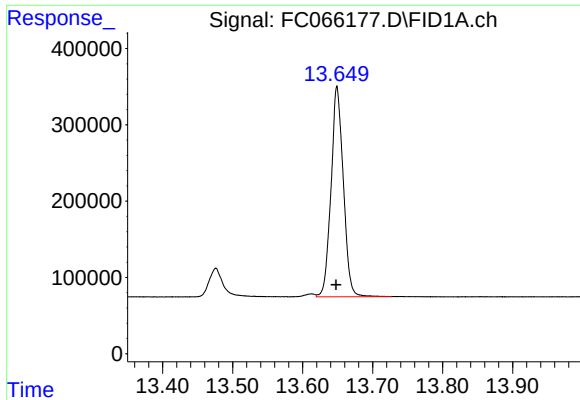
#11 n-Heneicosane (C21)

R.T.: 13.068 min
Delta R.T.: 0.002 min
Response: 3304823
Conc: 17.66 ug/ml m



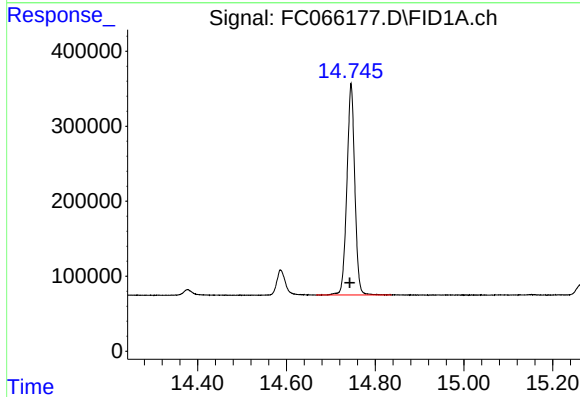
#12 1-chlorooctadecane (SURR)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 2775440
Conc: 17.70 ug/ml m



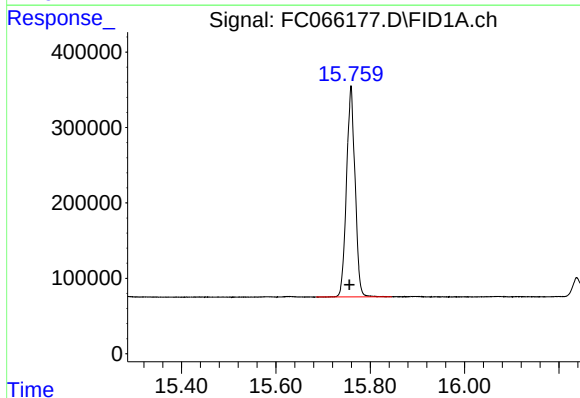
#13 n-Docosane (C22)

R.T.: 13.649 min
Delta R.T.: 0.000 min
Response: 3367139
Conc: 17.78 ug/ml m



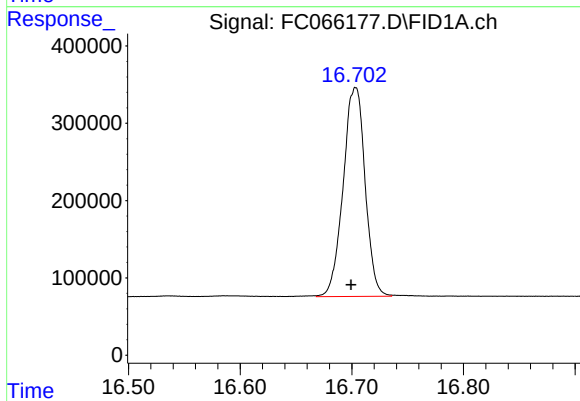
#14 n-Tetracosane (C24)

R.T.: 14.746 min
Delta R.T.: 0.003 min
Response: 3481438
Conc: 17.94 ug/ml



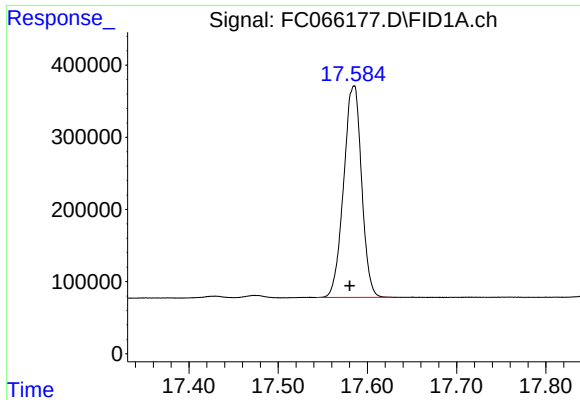
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: 0.003 min
Response: 3520867
Conc: 18.23 ug/ml



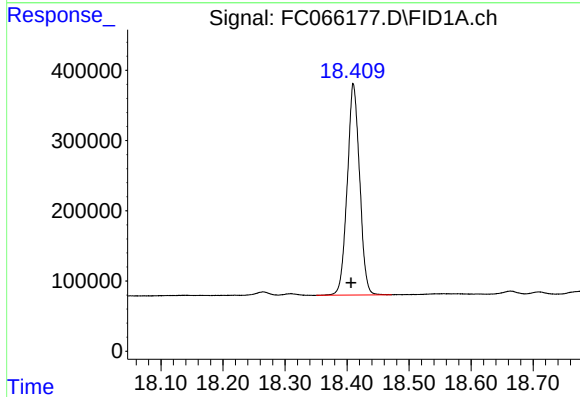
#16 n-Octacosane (C28)

R.T.: 16.702 min
Delta R.T.: 0.003 min
Response: 3691452
Conc: 19.00 ug/ml m



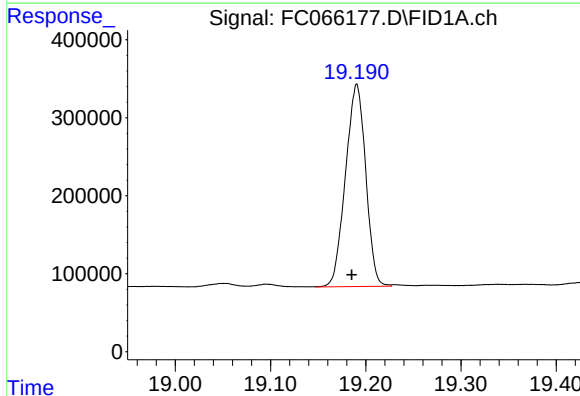
#17 n-Tricontane (C30)

R.T.: 17.584 min
Delta R.T.: 0.004 min
Response: 4091347
Conc: 20.67 ug/ml m



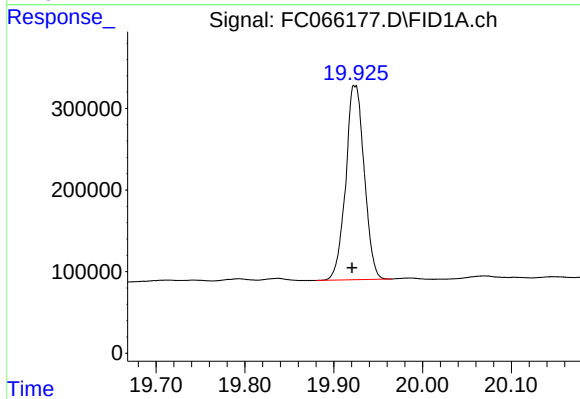
#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: 0.004 min
Response: 4169081
Conc: 21.56 ug/ml



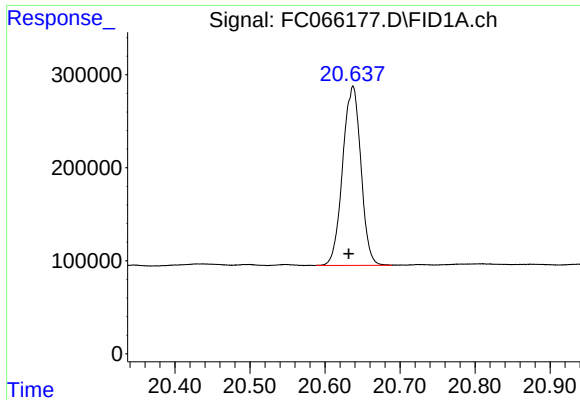
#19 n-Tetratriacontane (C34)

R.T.: 19.190 min
Delta R.T.: 0.005 min
Response: 3830651
Conc: 20.90 ug/ml m



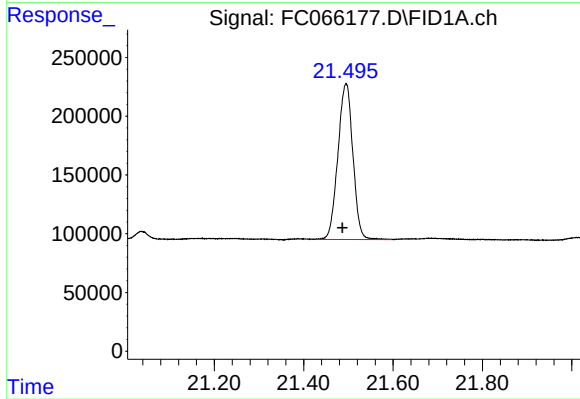
#20 n-Hexatriacontane (C36)

R.T.: 19.924 min
Delta R.T.: 0.003 min
Response: 3448267
Conc: 19.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.637 min
Delta R.T.: 0.006 min
Response: 3255099
Conc: 18.87 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.495 min
Delta R.T.: 0.008 min
Response: 3083610
Conc: 18.31 ug/ml m