

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120123AL\
 Data File : FC065332.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2023 12:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 01 22:16:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 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)	11.502	4308452	18.571 ug/ml
Spiked Amount 50.000		Recovery =	37.14%
12) S 1-chlorooctadecane (S...	12.935	3075989	18.576 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
Target Compounds			
1) T n-Nonane (C9)	3.303	3581998	17.889 ug/ml
2) T n-Decane (C10)	4.363	3653222	18.176 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3736168	18.402 ug/ml
4) T n-Dodecane (C12)	6.373	3689315	18.142 ug/ml
5) T A~2-methylnaphthalene...	6.999	3515895	18.089 ug/ml
6) T n-Tetradecane (C14)	8.162	3599012	18.110 ug/ml
7) T n-Hexadecane (C16)	9.754	3621994	18.285 ug/ml
8) T n-Octadecane (C18)	11.189	3689334	18.627 ug/ml
10) T n-Eicosane (C20)	12.492	3523530	18.620 ug/ml
11) T n-Heneicosane (C21)	13.101	3442442	18.631 ug/ml
13) T n-Docosane (C22)	13.684	3429861	19.011 ug/ml
14) T n-Tetracosane (C24)	14.782	3402168	19.623 ug/ml
15) T n-Hexacosane (C26)	15.797	3303698	19.840 ug/ml
16) T n-Octacosane (C28)	16.743	3227728	20.181 ug/ml
17) T n-Tricontane (C30)	17.626	3424348	21.506 ug/ml
18) T n-Dotriacontane (C32)	18.455	3387078	21.546 ug/ml
19) T n-Tetratriacontane (C34)	19.235	3156354	20.453 ug/ml
20) T n-Hexatriacontane (C36)	19.971	2974783	19.407 ug/ml
21) T n-Octatriacontane (C38)	20.689	2842144	18.691 ug/ml
22) T n-Tetracontane (C40)	21.561	2735415	18.247 ug/ml

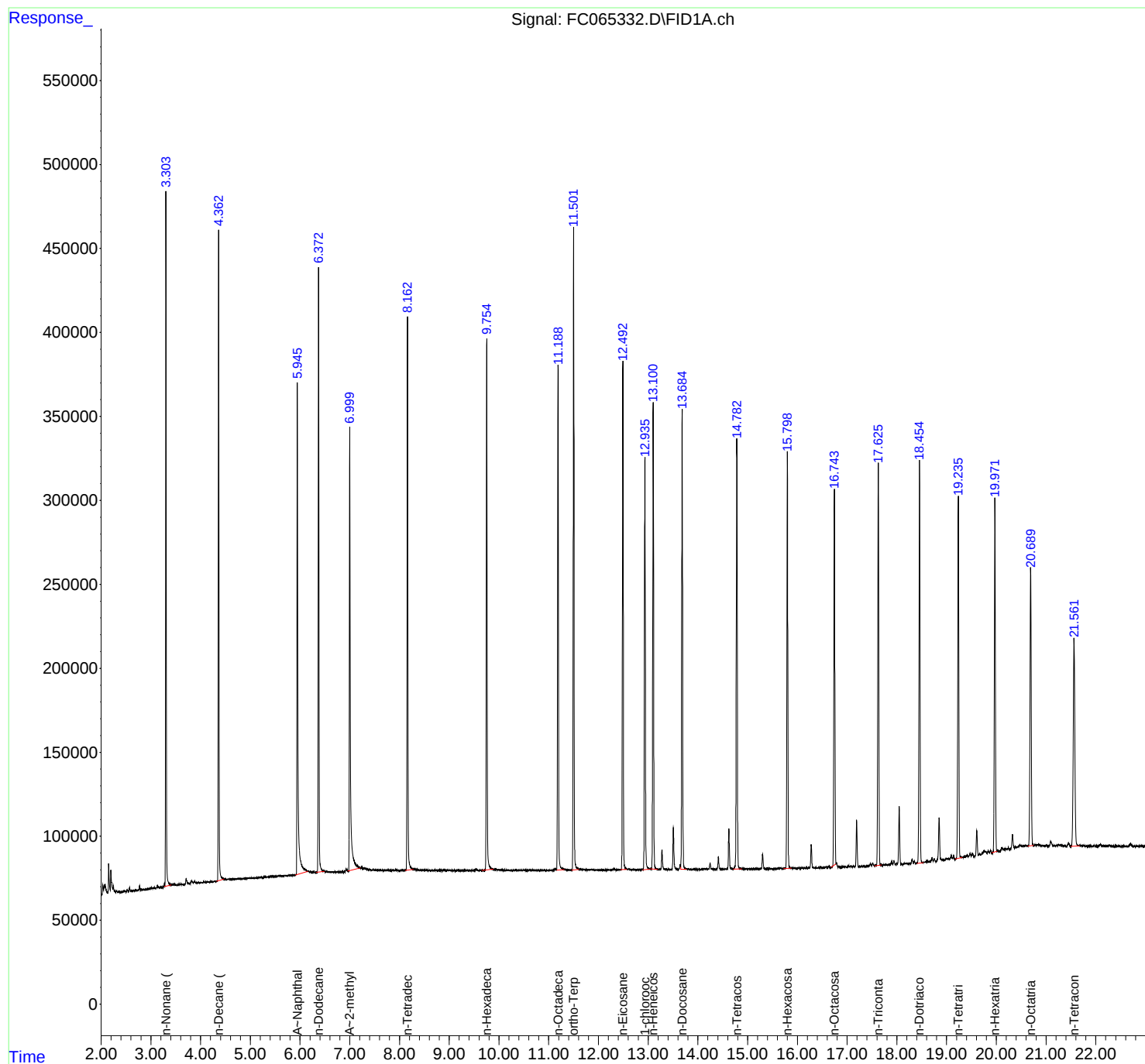
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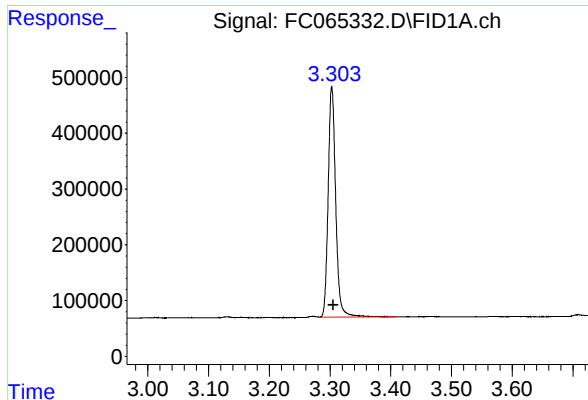
(m)=manual int.

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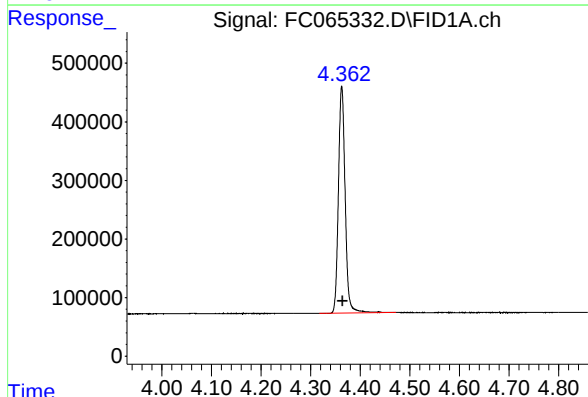
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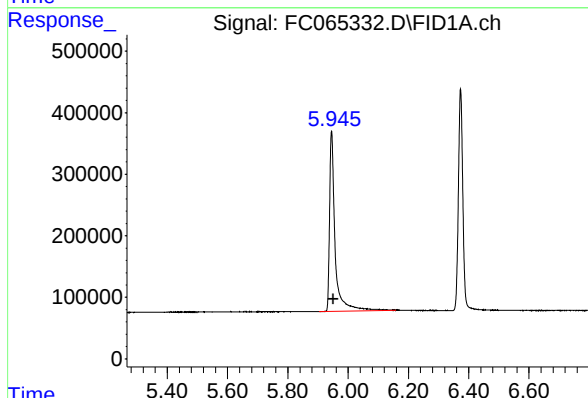
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.002 min
Response: 3581998
Conc: 17.89 ug/ml



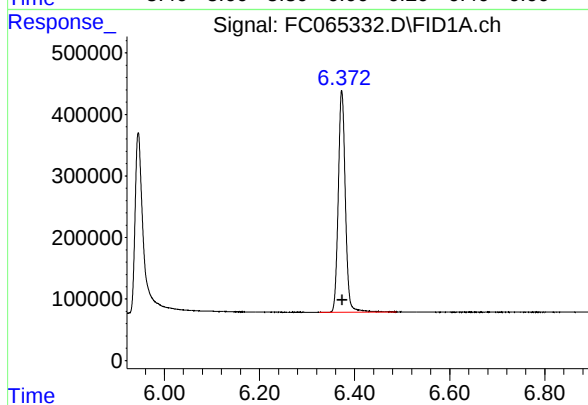
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 3653222
Conc: 18.18 ug/ml



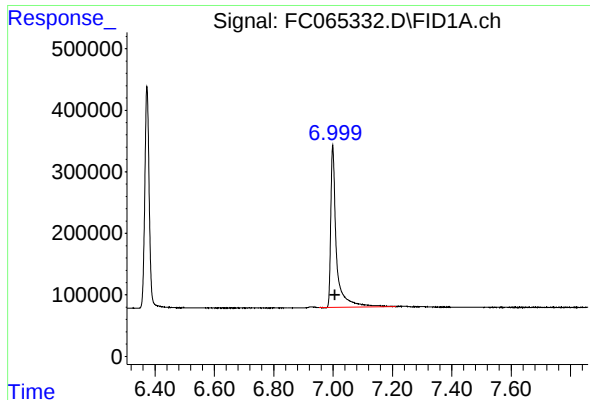
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 3736168
Conc: 18.40 ug/ml



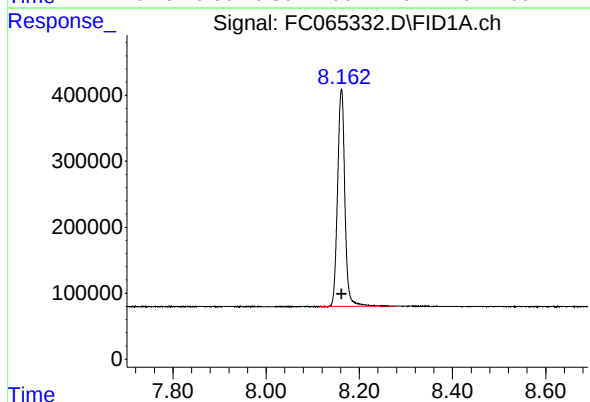
#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: -0.001 min
Response: 3689315
Conc: 18.14 ug/ml



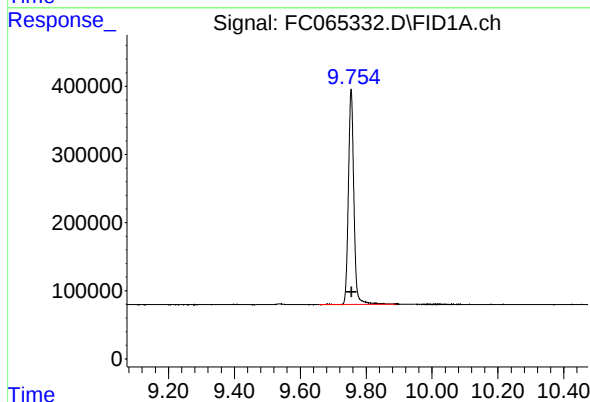
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.008 min
Response: 3515895
Conc: 18.09 ug/ml



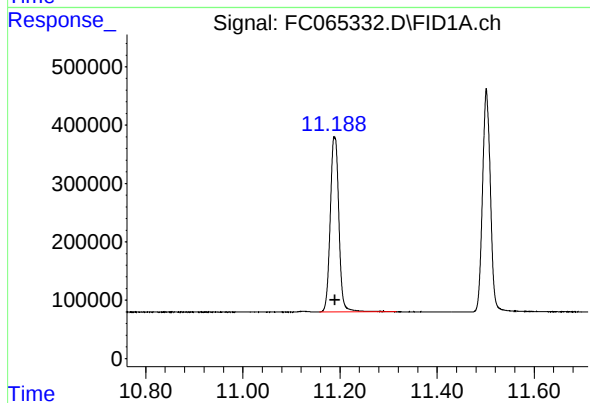
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 3599012
Conc: 18.11 ug/ml



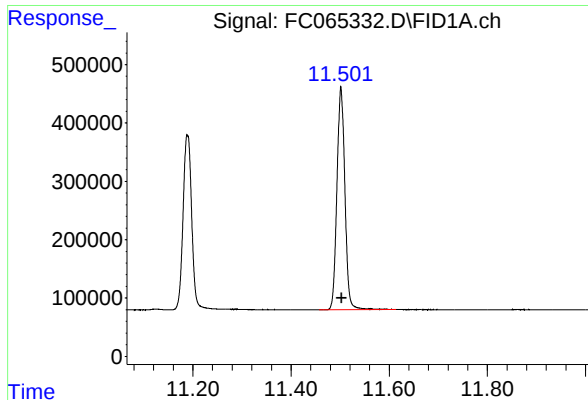
#7 n-Hexadecane (C16)

R.T.: 9.754 min
Delta R.T.: -0.001 min
Response: 3621994
Conc: 18.28 ug/ml



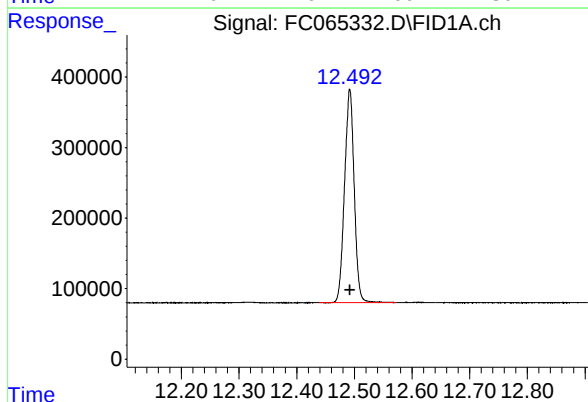
#8 n-Octadecane (C18)

R.T.: 11.189 min
Delta R.T.: -0.001 min
Response: 3689334
Conc: 18.63 ug/ml



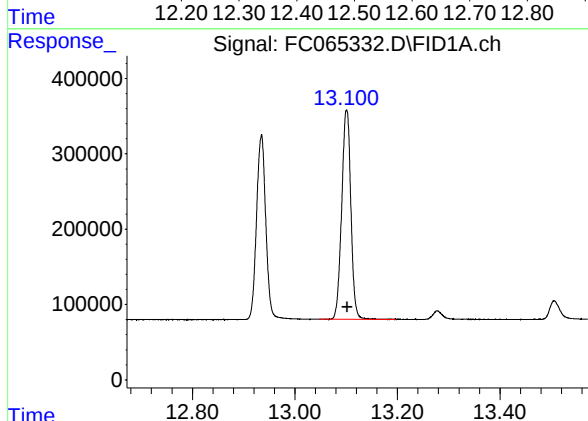
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.001 min
Response: 4308452
Conc: 18.57 ug/ml



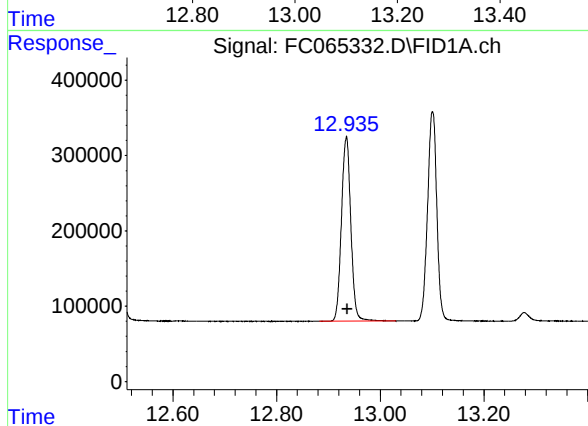
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 3523530
Conc: 18.62 ug/ml



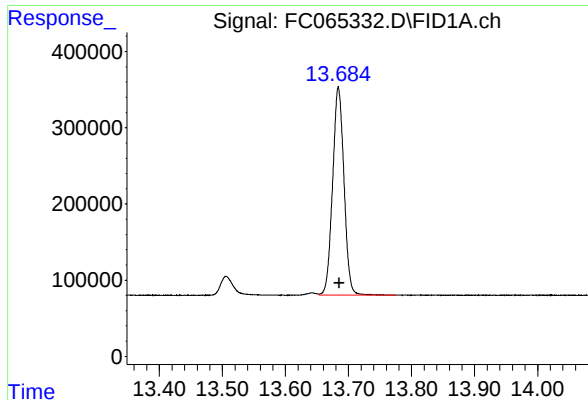
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 3442442
Conc: 18.63 ug/ml



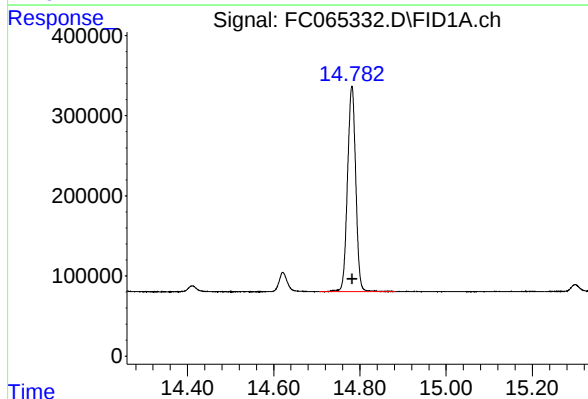
#12 1-chlorooctadecane (SURR)

R.T.: 12.935 min
Delta R.T.: -0.001 min
Response: 3075989
Conc: 18.58 ug/ml



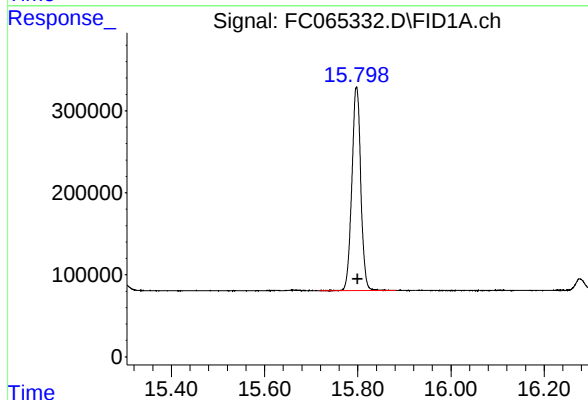
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: -0.001 min
Response: 3429861
Conc: 19.01 ug/ml



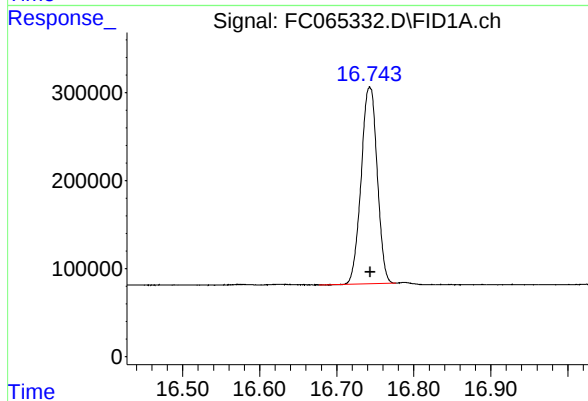
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: -0.001 min
Response: 3402168
Conc: 19.62 ug/ml



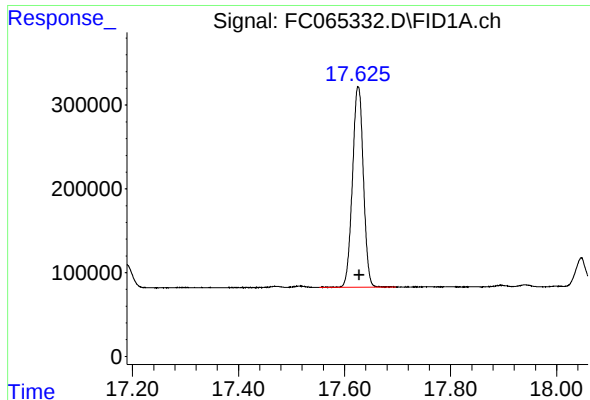
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.002 min
Response: 3303698
Conc: 19.84 ug/ml



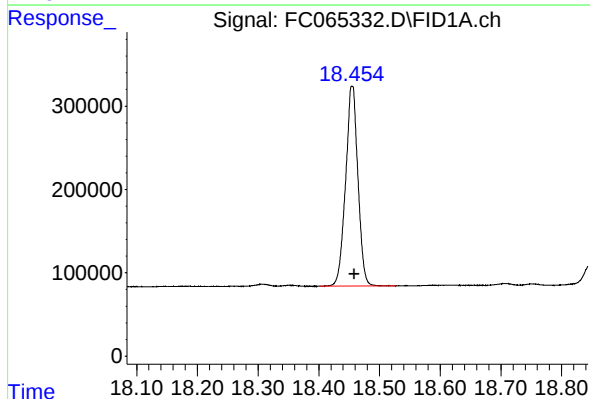
#16 n-Octacosane (C28)

R.T.: 16.743 min
Delta R.T.: 0.000 min
Response: 3227728
Conc: 20.18 ug/ml



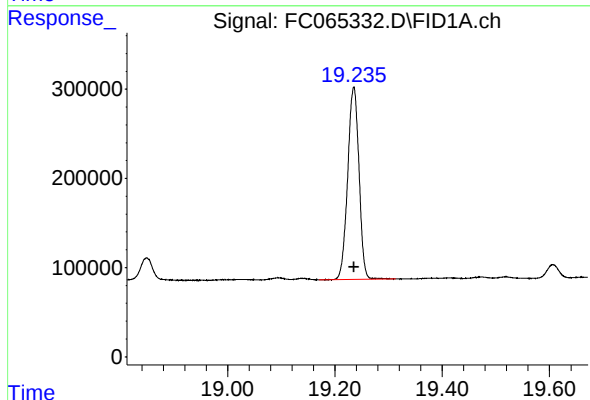
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: -0.002 min
Response: 3424348
Conc: 21.51 ug/ml



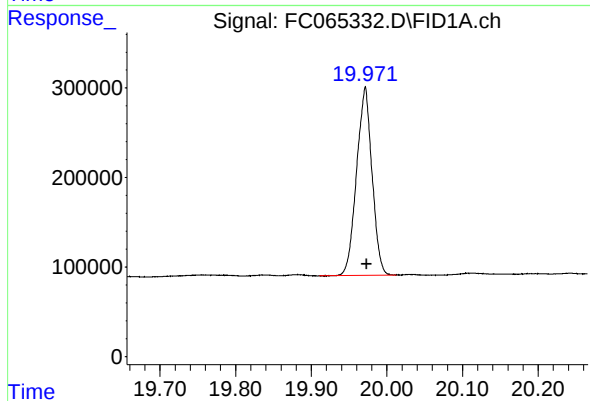
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.004 min
Response: 3387078
Conc: 21.55 ug/ml



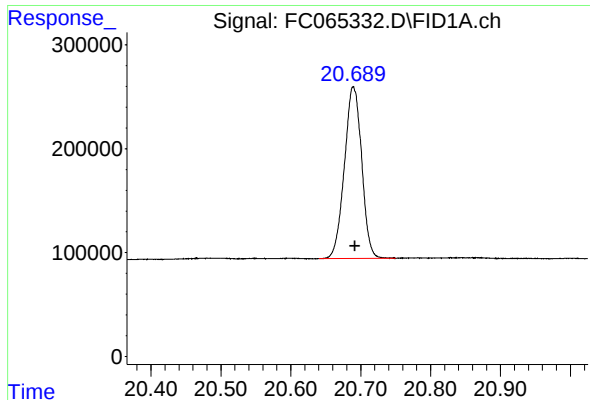
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.000 min
Response: 3156354
Conc: 20.45 ug/ml



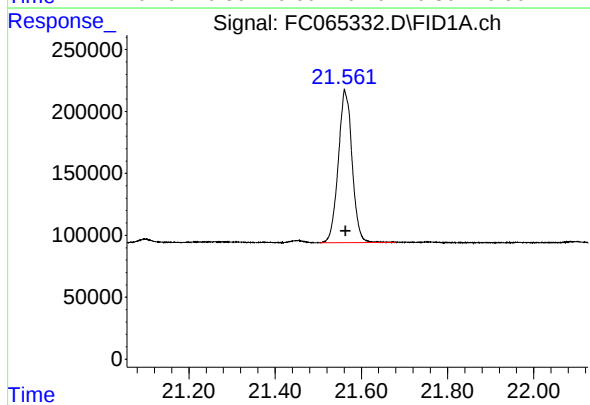
#20 n-Hexatriacontane (C36)

R.T.: 19.971 min
Delta R.T.: -0.002 min
Response: 2974783
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.689 min
Delta R.T.: -0.003 min
Response: 2842144
Conc: 18.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.002 min
Response: 2735415
Conc: 18.25 ug/ml