

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030424AL\
 Data File : FC065965.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2024 14:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 15:12:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.493	4010015	20.519 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	12.924	2992630	20.527 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	3.283	3416802	20.451 ug/ml
2) T n-Decane (C10)	4.346	3543403	20.431 ug/ml
3) T A~Naphthalene (C11.7)	5.933	3738882	20.835 ug/ml
4) T n-Dodecane (C12)	6.359	3633737	20.620 ug/ml
5) T A~2-methylnaphthalene...	6.989	3537882	20.770 ug/ml
6) T n-Tetradecane (C14)	8.149	3610550	20.763 ug/ml
7) T n-Hexadecane (C16)	9.744	3678334	20.590 ug/ml
8) T n-Octadecane (C18)	11.179	3720320	20.468 ug/ml
10) T n-Eicosane (C20)	12.482	3586394	20.539 ug/ml
11) T n-Heneicosane (C21)	13.090	3547409	20.461 ug/ml
13) T n-Docosane (C22)	13.673	3536580	20.563 ug/ml
14) T n-Tetracosane (C24)	14.770	3529199	20.663 ug/ml
15) T n-Hexacosane (C26)	15.785	3483257	20.686 ug/ml
16) T n-Octacosane (C28)	16.728	3447210	20.734 ug/ml
17) T n-Tricontane (C30)	17.611	3526509	20.654 ug/ml
18) T n-Dotriacontane (C32)	18.439	3478199	20.633 ug/ml
19) T n-Tetratriacontane (C34)	19.218	3376592	20.602 ug/ml
20) T n-Hexatriacontane (C36)	19.952	3267607	20.551 ug/ml
21) T n-Octatriacontane (C38)	20.669	3214564	20.522 ug/ml
22) T n-Tetracontane (C40)	21.536	3154469	19.948 ug/ml

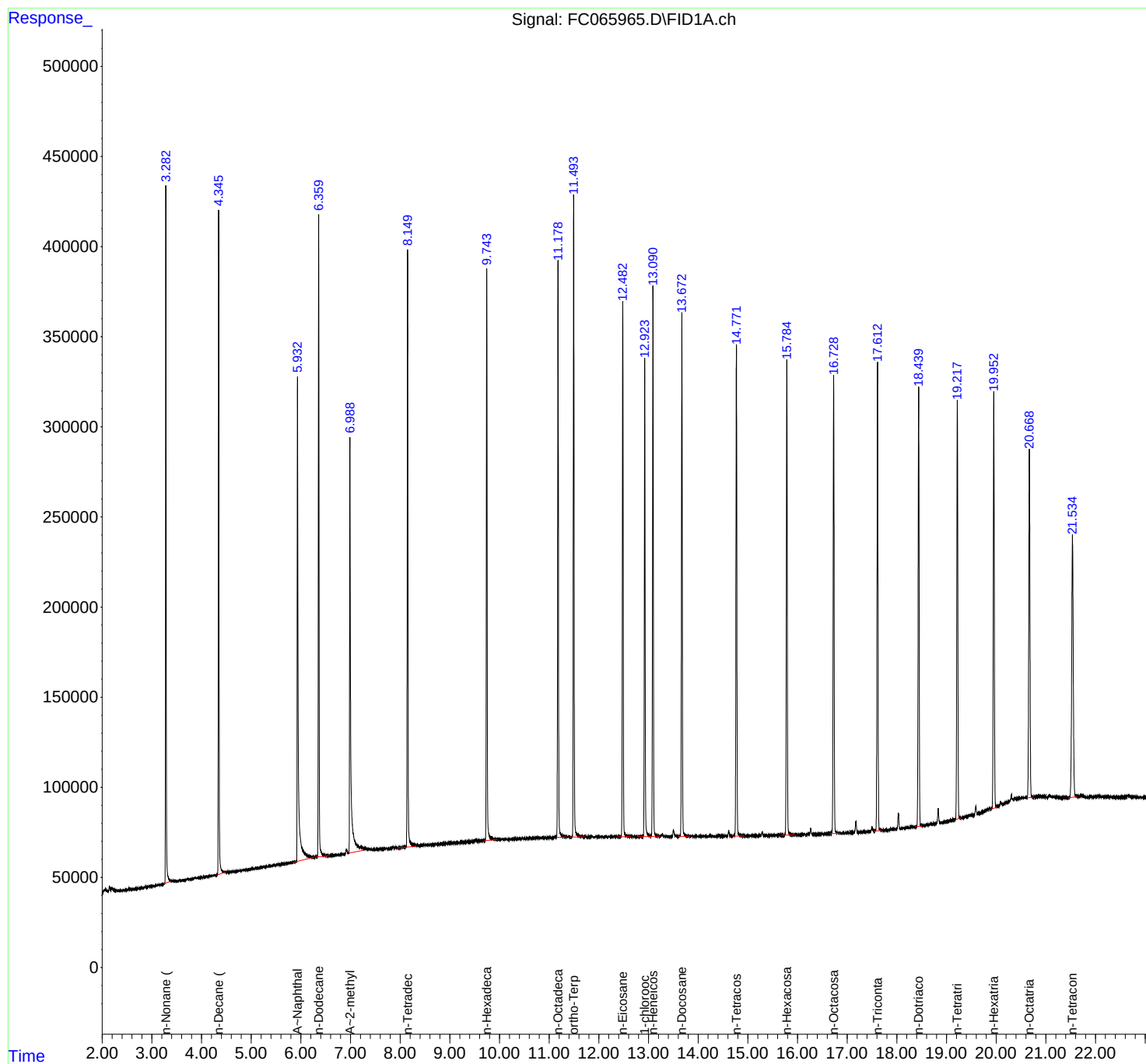
(f)=RT Delta > 1/2 Window

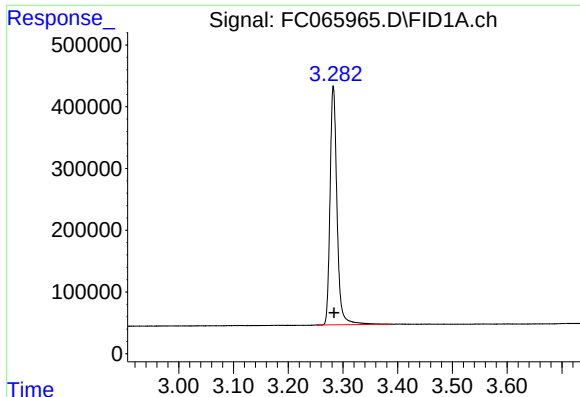
(m)=manual int.

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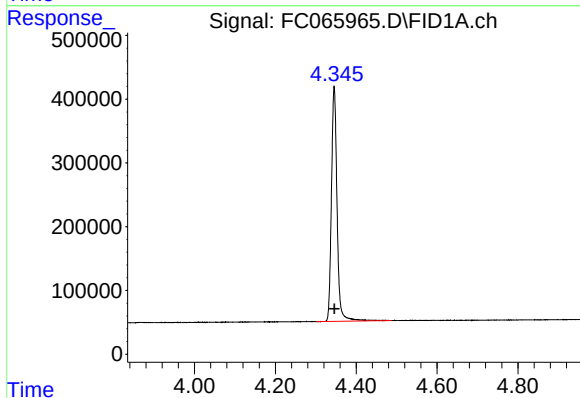
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Signal Info : 20M x 0.18mm x 0.18um





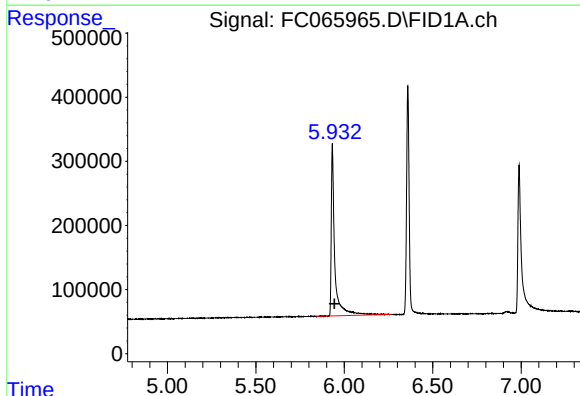
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.001 min
Response: 3416802
Conc: 20.45 ug/ml



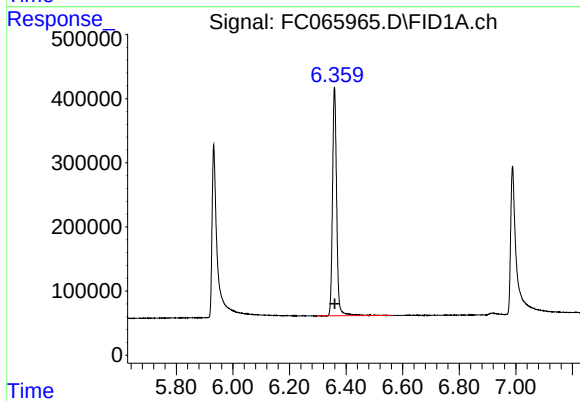
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 3543403
Conc: 20.43 ug/ml



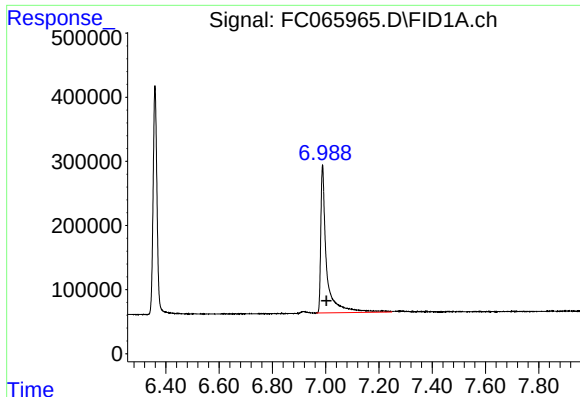
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.012 min
Response: 3738882
Conc: 20.83 ug/ml



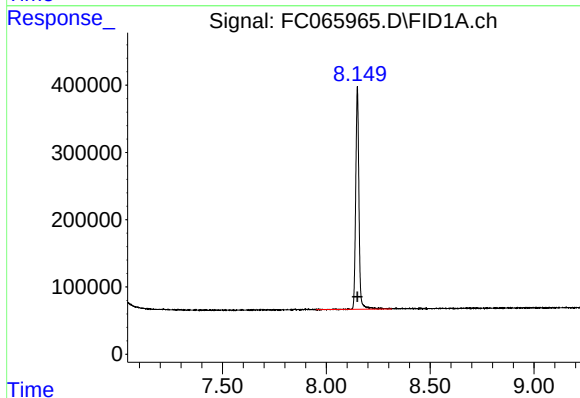
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 3633737
Conc: 20.62 ug/ml



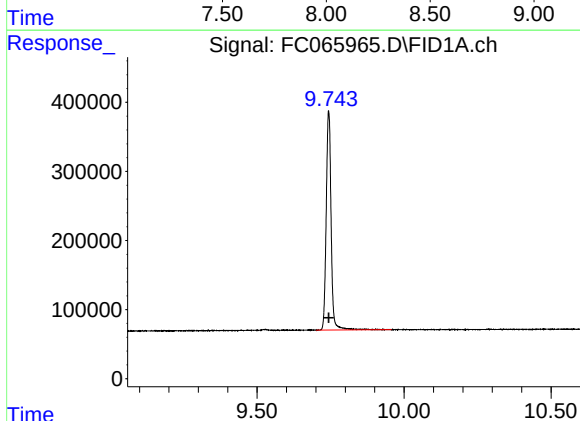
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.014 min
Response: 3537882
Conc: 20.77 ug/ml



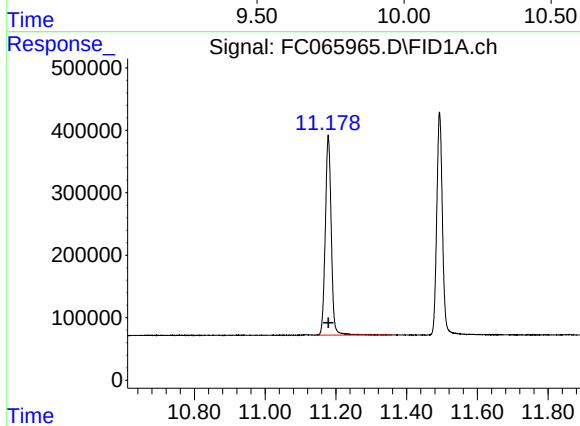
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 3610550
Conc: 20.76 ug/ml



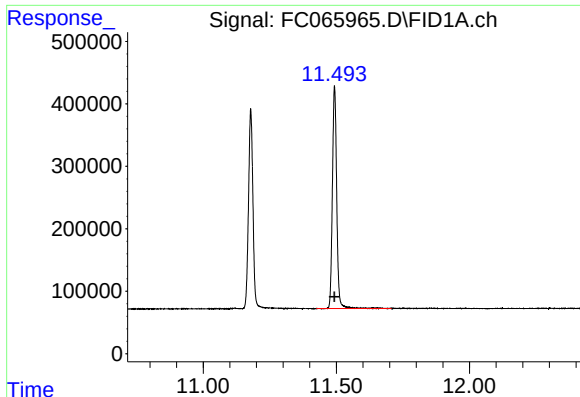
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 3678334
Conc: 20.59 ug/ml



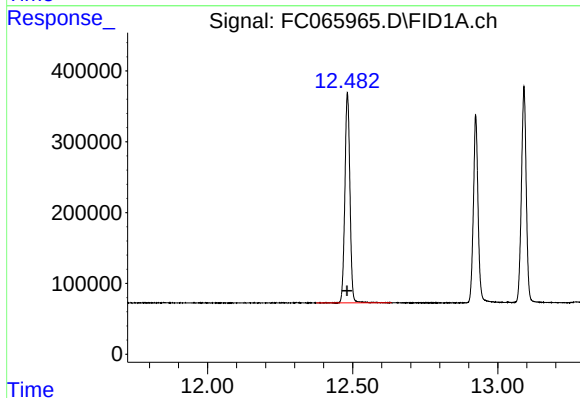
#8 n-Octadecane (C18)

R.T.: 11.179 min
Delta R.T.: 0.000 min
Response: 3720320
Conc: 20.47 ug/ml



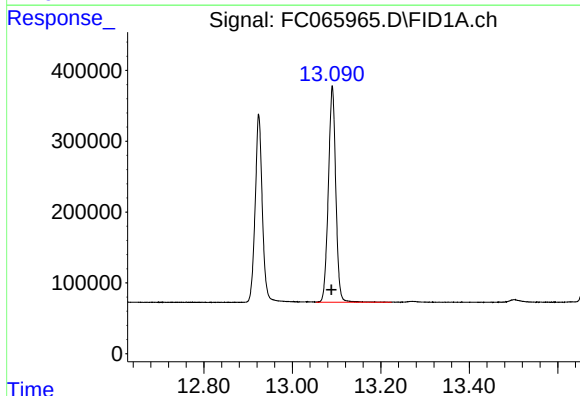
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 4010015
Conc: 20.52 ug/ml



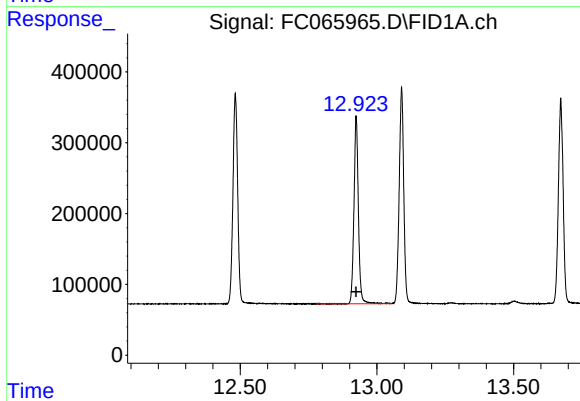
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.001 min
Response: 3586394
Conc: 20.54 ug/ml



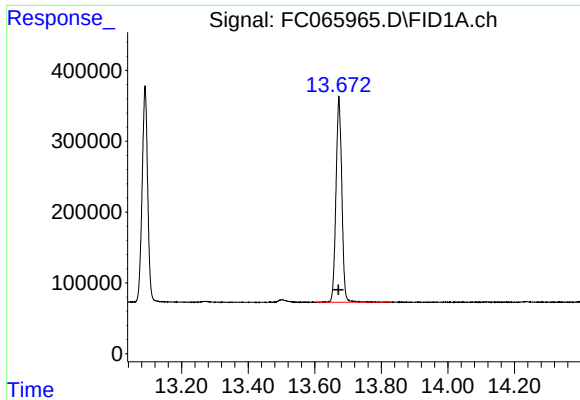
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.002 min
Response: 3547409
Conc: 20.46 ug/ml



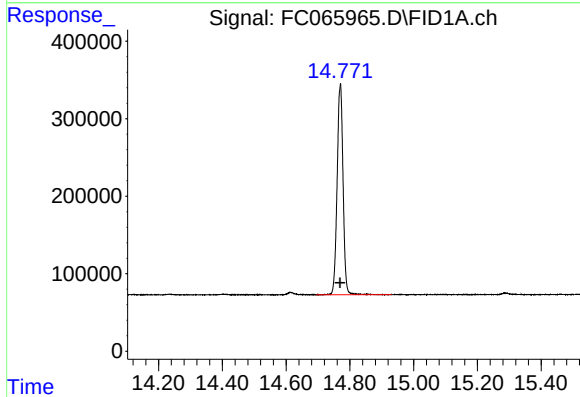
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 2992630
Conc: 20.53 ug/ml



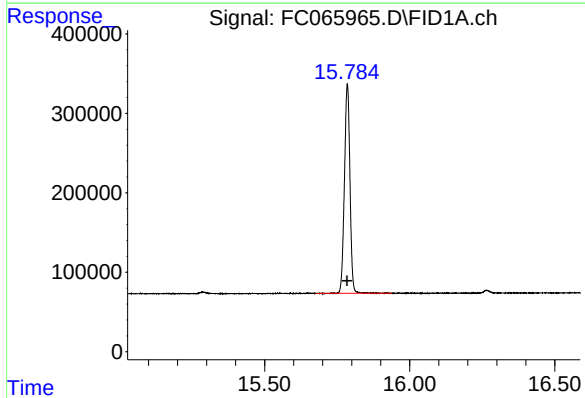
#13 n-Docosane (C22)

R.T.: 13.673 min
Delta R.T.: 0.001 min
Response: 3536580
Conc: 20.56 ug/ml



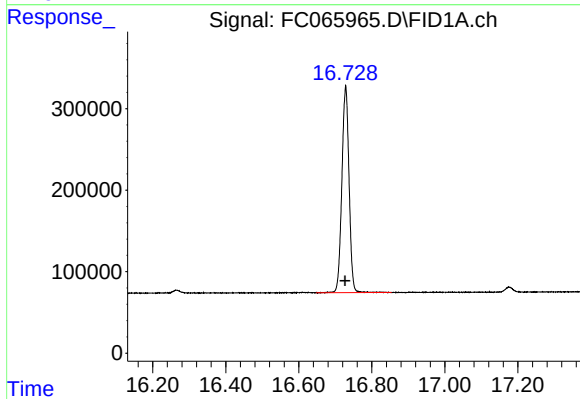
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.000 min
Response: 3529199
Conc: 20.66 ug/ml



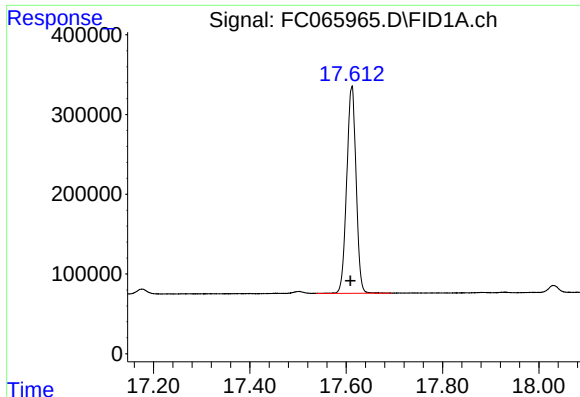
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: 0.000 min
Response: 3483257
Conc: 20.69 ug/ml



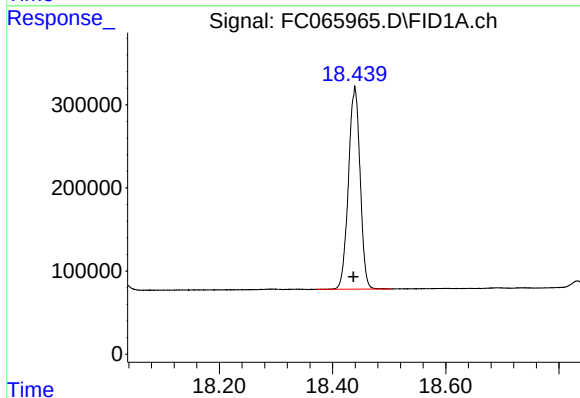
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: 0.001 min
Response: 3447210
Conc: 20.73 ug/ml



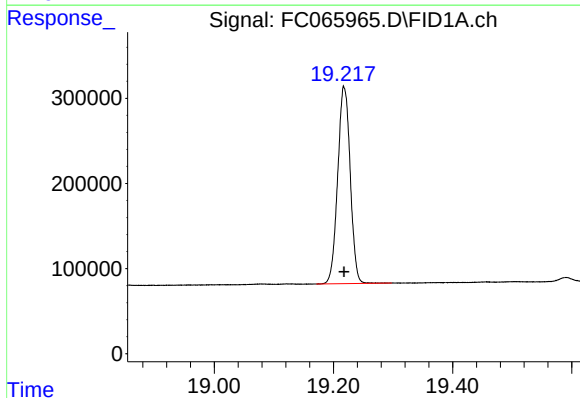
#17 n-Tricontane (C30)

R.T.: 17.611 min
Delta R.T.: 0.003 min
Response: 3526509
Conc: 20.65 ug/ml



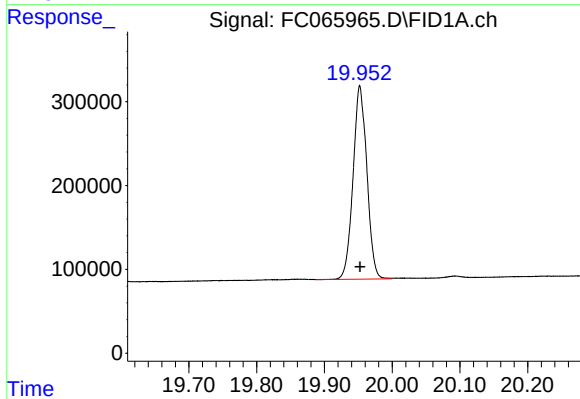
#18 n-Dotriacontane (C32)

R.T.: 18.439 min
Delta R.T.: 0.002 min
Response: 3478199
Conc: 20.63 ug/ml



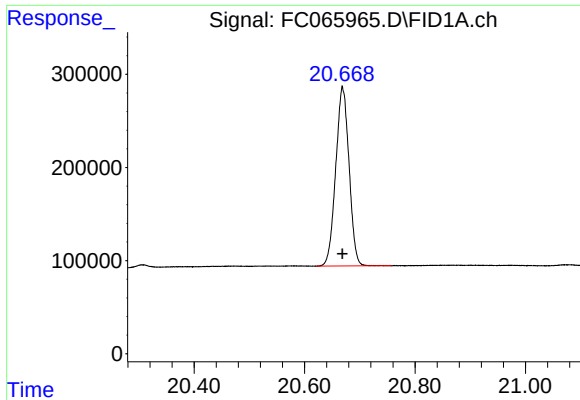
#19 n-Tetratriacontane (C34)

R.T.: 19.218 min
Delta R.T.: 0.000 min
Response: 3376592
Conc: 20.60 ug/ml



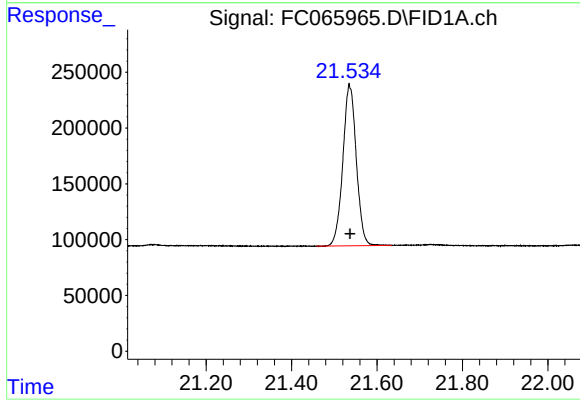
#20 n-Hexatriacontane (C36)

R.T.: 19.952 min
Delta R.T.: 0.000 min
Response: 3267607
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.669 min
Delta R.T.: 0.000 min
Response: 3214564
Conc: 20.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.536 min
Delta R.T.: -0.001 min
Response: 3154469
Conc: 19.95 ug/ml