

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030124AL\
 Data File : FC065945.D
 Signal(s) : FID1A.ch
 Acq On : 01 Mar 2024 09:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 23:09:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.492	3442315	20.068 ug/ml
Spiked Amount 50.000		Recovery =	40.14%
12) S 1-chlorooctadecane (S...	12.921	2573266	20.447 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T n-Nonane (C9)	3.283	3058613	20.359 ug/ml
2) T n-Decane (C10)	4.346	3152040	20.731 ug/ml
3) T A~Naphthalene (C11.7)	5.934	3316640	21.507 ug/ml
4) T n-Dodecane (C12)	6.359	3149594	20.579 ug/ml
5) T A~2-methylnaphthalene...	6.990	3095261	21.737 ug/ml
6) T n-Tetradecane (C14)	8.148	3030212	20.410 ug/mlm
7) T n-Hexadecane (C16)	9.742	3078627	20.529 ug/mlm
8) T n-Octadecane (C18)	11.177	3131916	20.304 ug/ml
10) T n-Eicosane (C20)	12.479	3010567	20.020 ug/mlm
11) T n-Heneicosane (C21)	13.087	3011836	20.138 ug/ml
13) T n-Docosane (C22)	13.670	3008093	20.280 ug/ml
14) T n-Tetracosane (C24)	14.766	3034431	20.408 ug/ml
15) T n-Hexacosane (C26)	15.781	3026002	20.420 ug/ml
16) T n-Octacosane (C28)	16.727	3015580	20.552 ug/mlm
17) T n-Tricontane (C30)	17.609	3094480	20.614 ug/ml
18) T n-Dotriacontane (C32)	18.435	3065209	20.727 ug/mlm
19) T n-Tetratriacontane (C34)	19.214	2997196	20.679 ug/mlm
20) T n-Hexatriacontane (C36)	19.950	2903228	20.453 ug/mlm
21) T n-Octatriacontane (C38)	20.665	2865840	20.246 ug/mlm
22) T n-Tetracontane (C40)	21.532	2807604	20.128 ug/mlm

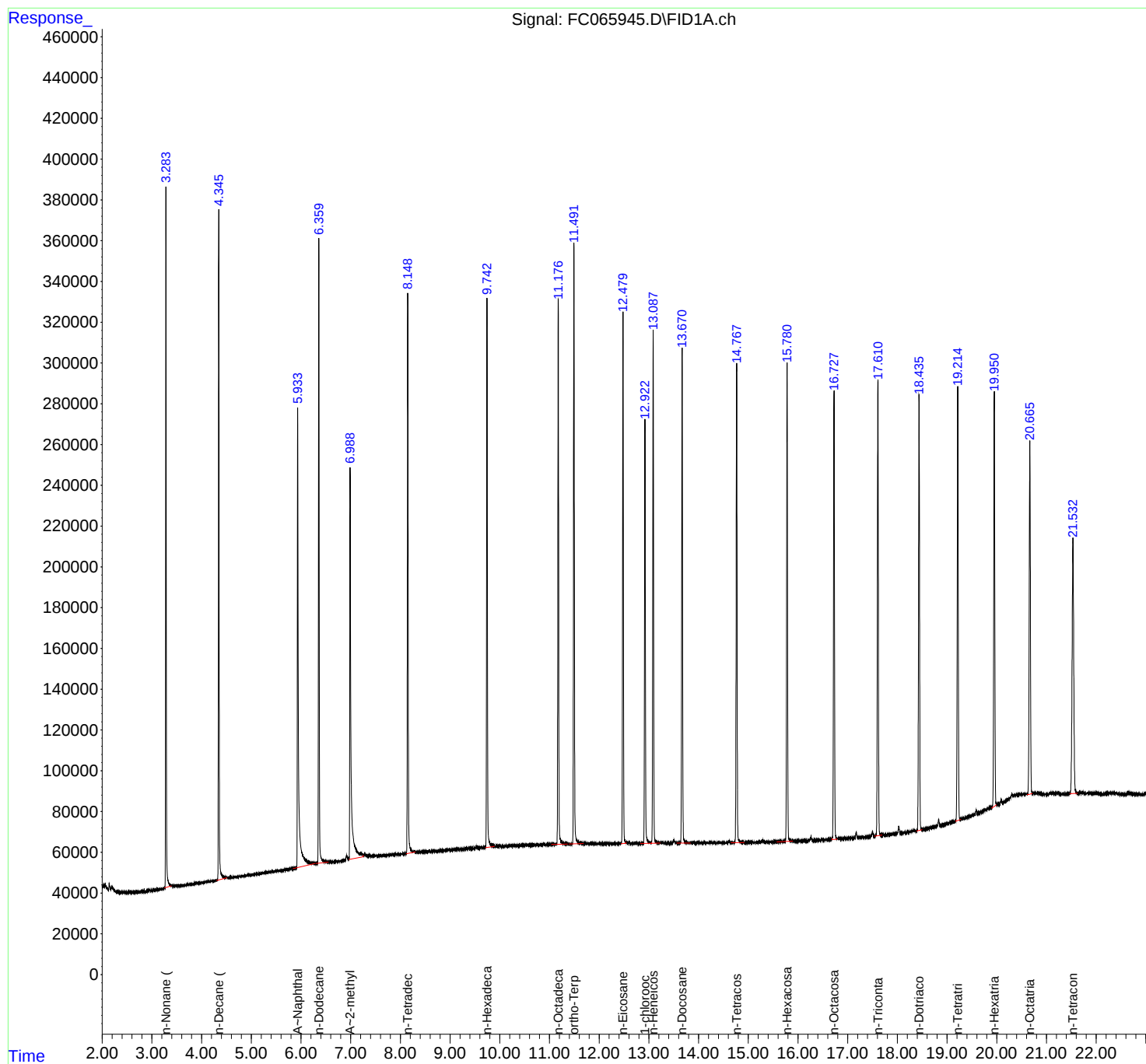
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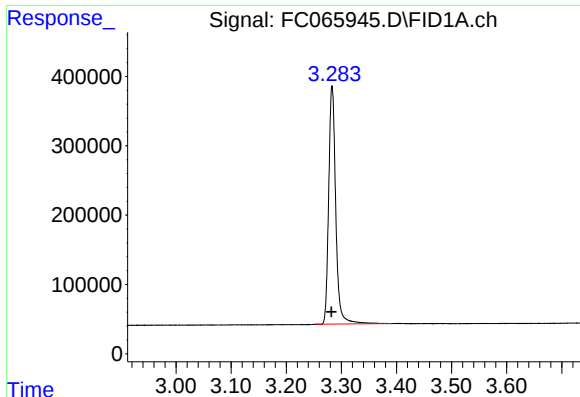
(m)=manual int.

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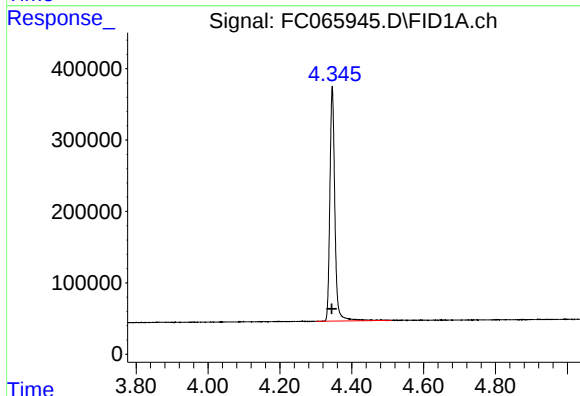
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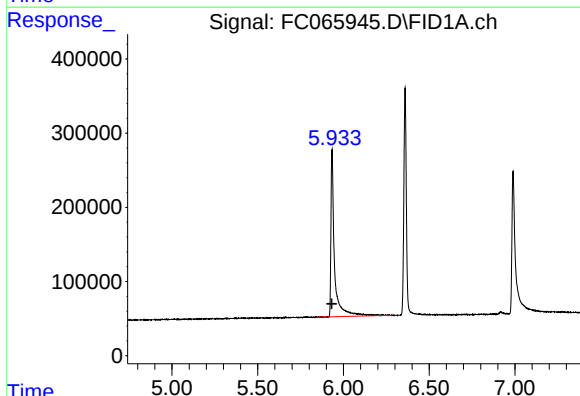
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: 0.001 min
Response: 3058613
Conc: 20.36 ug/ml



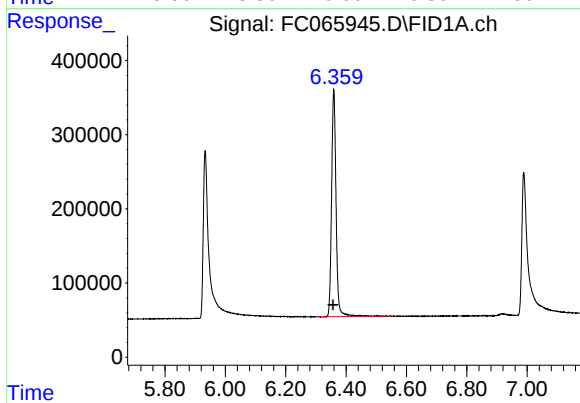
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.002 min
Response: 3152040
Conc: 20.73 ug/ml



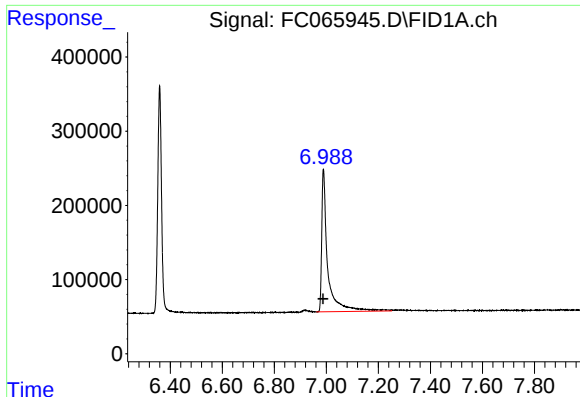
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 3316640
Conc: 21.51 ug/ml



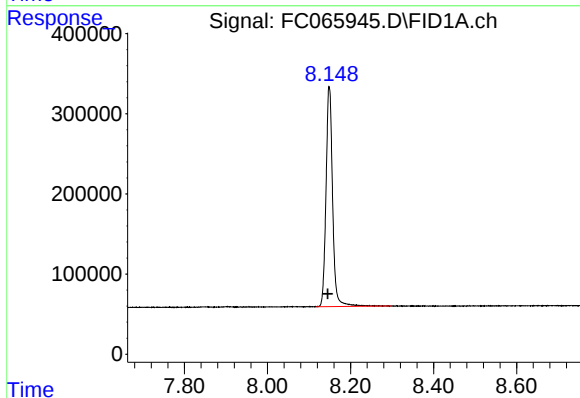
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 3149594
Conc: 20.58 ug/ml



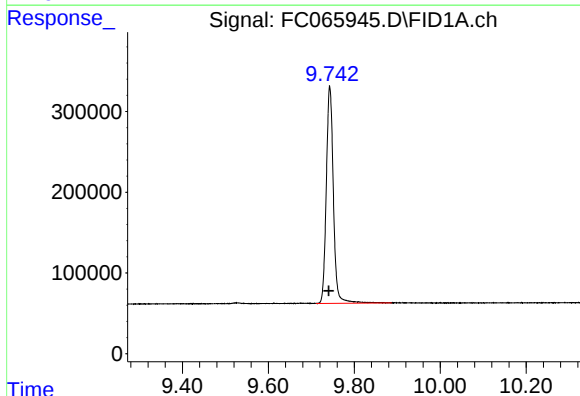
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: 0.003 min
Response: 3095261
Conc: 21.74 ug/ml



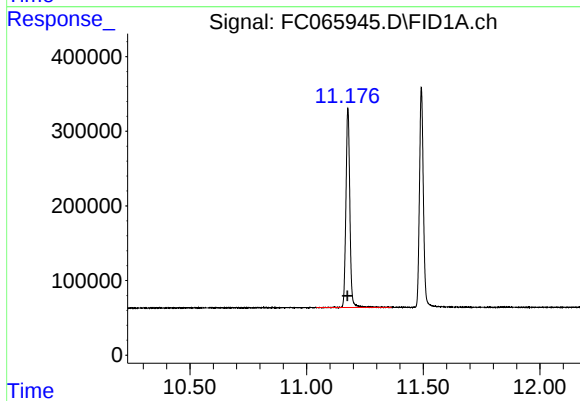
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: 0.002 min
Response: 3030212
Conc: 20.41 ug/ml m



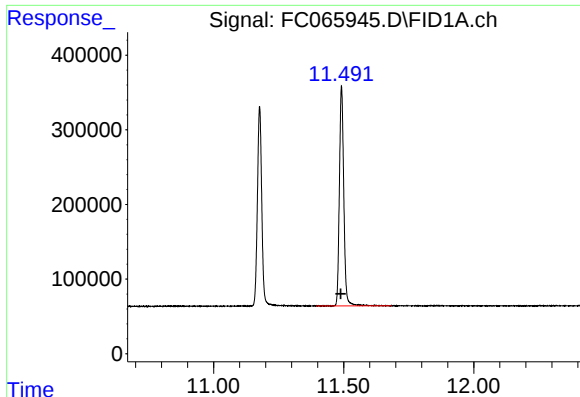
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: 0.002 min
Response: 3078627
Conc: 20.53 ug/ml m



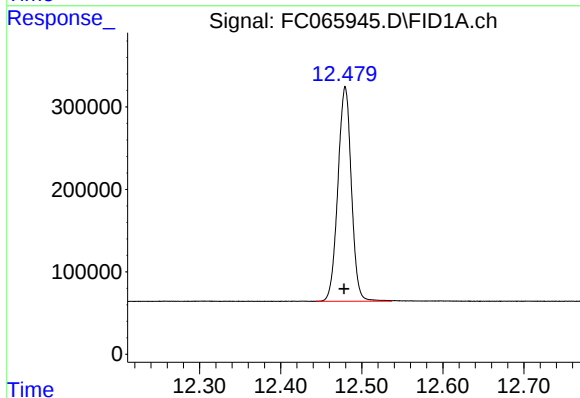
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.002 min
Response: 3131916
Conc: 20.30 ug/ml



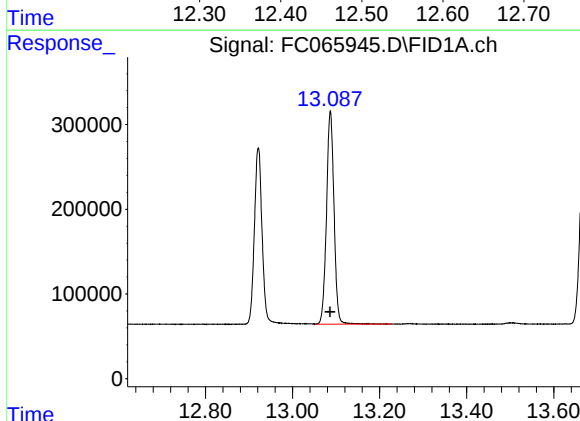
#9 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: 0.003 min
Response: 3442315
Conc: 20.07 ug/ml



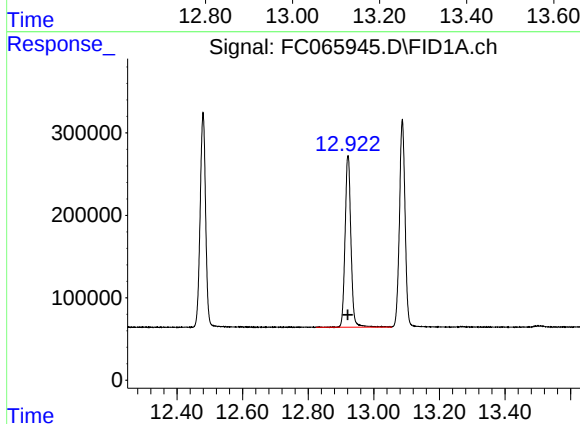
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: 0.001 min
Response: 3010567
Conc: 20.02 ug/ml m



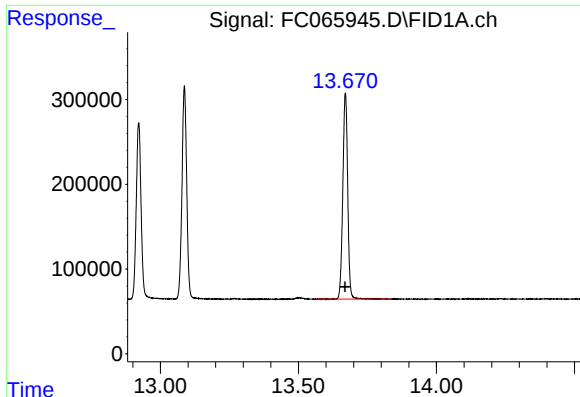
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 3011836
Conc: 20.14 ug/ml



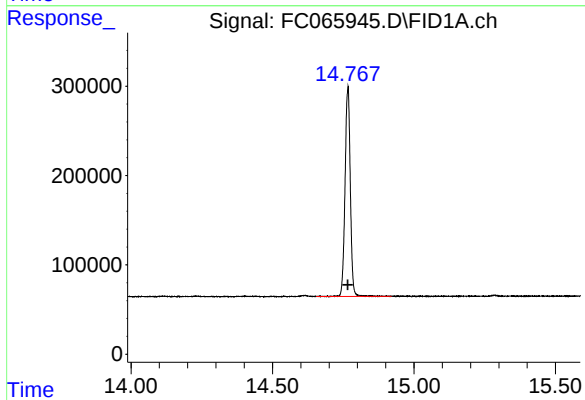
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: 0.001 min
Response: 2573266
Conc: 20.45 ug/ml



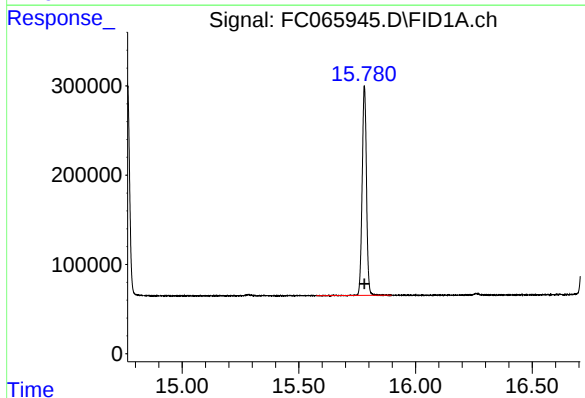
#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: 0.000 min
Response: 3008093
Conc: 20.28 ug/ml



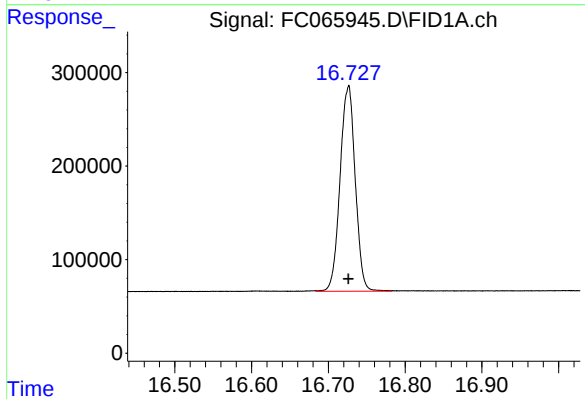
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: 0.000 min
Response: 3034431
Conc: 20.41 ug/ml



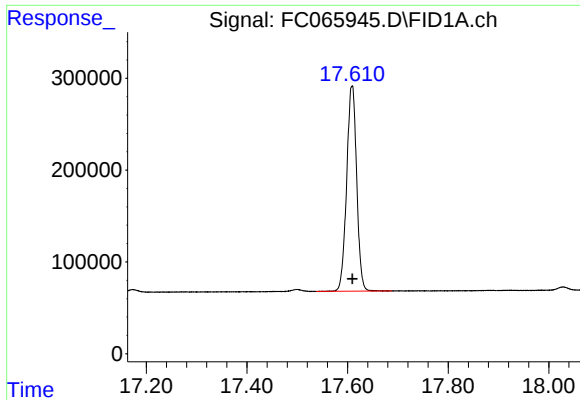
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: 0.000 min
Response: 3026002
Conc: 20.42 ug/ml



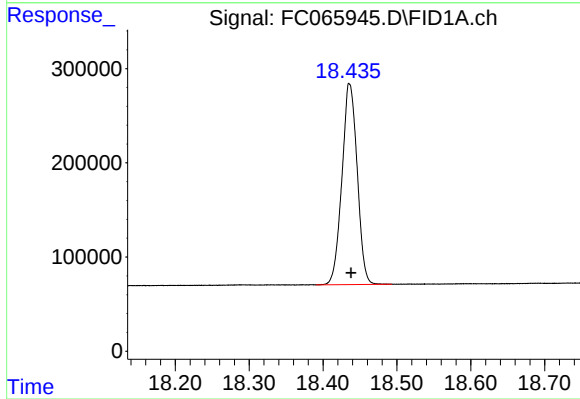
#16 n-Octacosane (C28)

R.T.: 16.727 min
Delta R.T.: 0.000 min
Response: 3015580
Conc: 20.55 ug/ml m



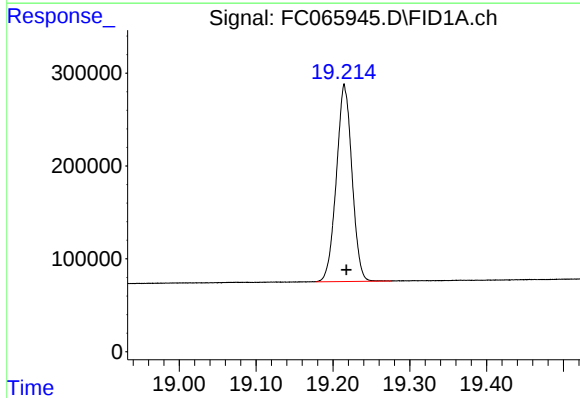
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: -0.001 min
Response: 3094480
Conc: 20.61 ug/ml



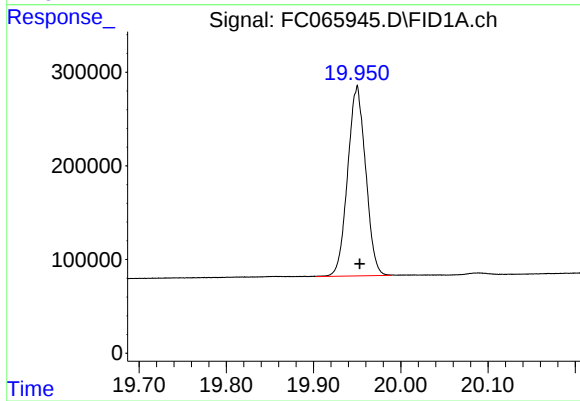
#18 n-Dotriacontane (C32)

R.T.: 18.435 min
Delta R.T.: -0.003 min
Response: 3065209
Conc: 20.73 ug/ml m



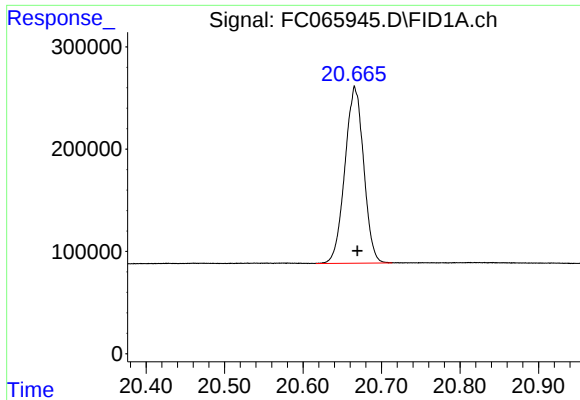
#19 n-Tetratriacontane (C34)

R.T.: 19.214 min
Delta R.T.: -0.003 min
Response: 2997196
Conc: 20.68 ug/ml m



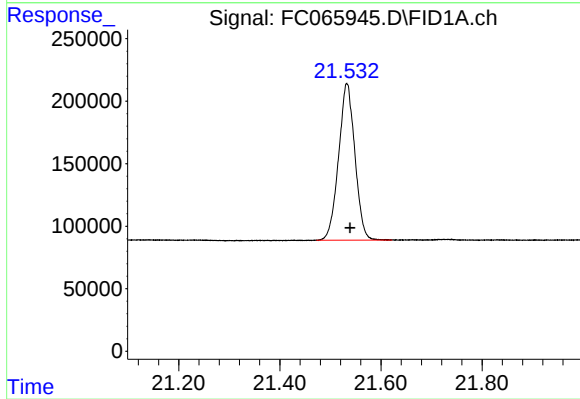
#20 n-Hexatriacontane (C36)

R.T.: 19.950 min
Delta R.T.: -0.003 min
Response: 2903228
Conc: 20.45 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.665 min
Delta R.T.: -0.004 min
Response: 2865840
Conc: 20.25 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.532 min
Delta R.T.: -0.007 min
Response: 2807604
Conc: 20.13 ug/ml m