

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046615.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 14:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 01:22:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.811	3223125	17.431 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
12) S 1-chlorooctadecane (S...	13.252	2438449	17.139 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
Target Compounds			
1) T n-Nonane (C9)	3.202	3025447	18.730 ug/ml
2) T n-Decane (C10)	4.452	3127339	19.082 ug/ml
3) T A~Naphthalene (C11.7)	6.156	3205018	18.743 ug/ml
4) T n-Dodecane (C12)	6.619	3140882	18.988 ug/ml
5) T A~2-methylnaphthalene...	7.253	2961425	18.568 ug/ml
6) T n-Tetradecane (C14)	8.444	3072360	18.746 ug/ml
7) T n-Hexadecane (C16)	10.053	3125758	18.292 ug/ml
8) T n-Octadecane (C18)	11.497	3132795	17.970 ug/ml
10) T n-Eicosane (C20)	12.807	2955612	17.408 ug/ml
11) T n-Heneicosane (C21)	13.419	2880134	17.268 ug/ml
13) T n-Docosane (C22)	14.006	2849006	17.197 ug/ml
14) T n-Tetracosane (C24)	15.110	2830506	17.154 ug/ml
15) T n-Hexacosane (C26)	16.133	2771270	17.170 ug/ml
16) T n-Octacosane (C28)	17.084	2728263	17.380 ug/ml
17) T n-Tricontane (C30)	17.972	2779418	17.745 ug/ml
18) T n-Dotriacontane (C32)	18.805	2700118	17.863 ug/ml
19) T n-Tetratriacontane (C34)	19.591	2600484	18.335 ug/mlm
20) T n-Hexatriacontane (C36)	20.334	2493823	18.092 ug/mlm
21) T n-Octatriacontane (C38)	21.058	2466993	19.244 ug/ml
22) T n-Tetracontane (C40)	21.944	2462072	19.691 ug/mlm

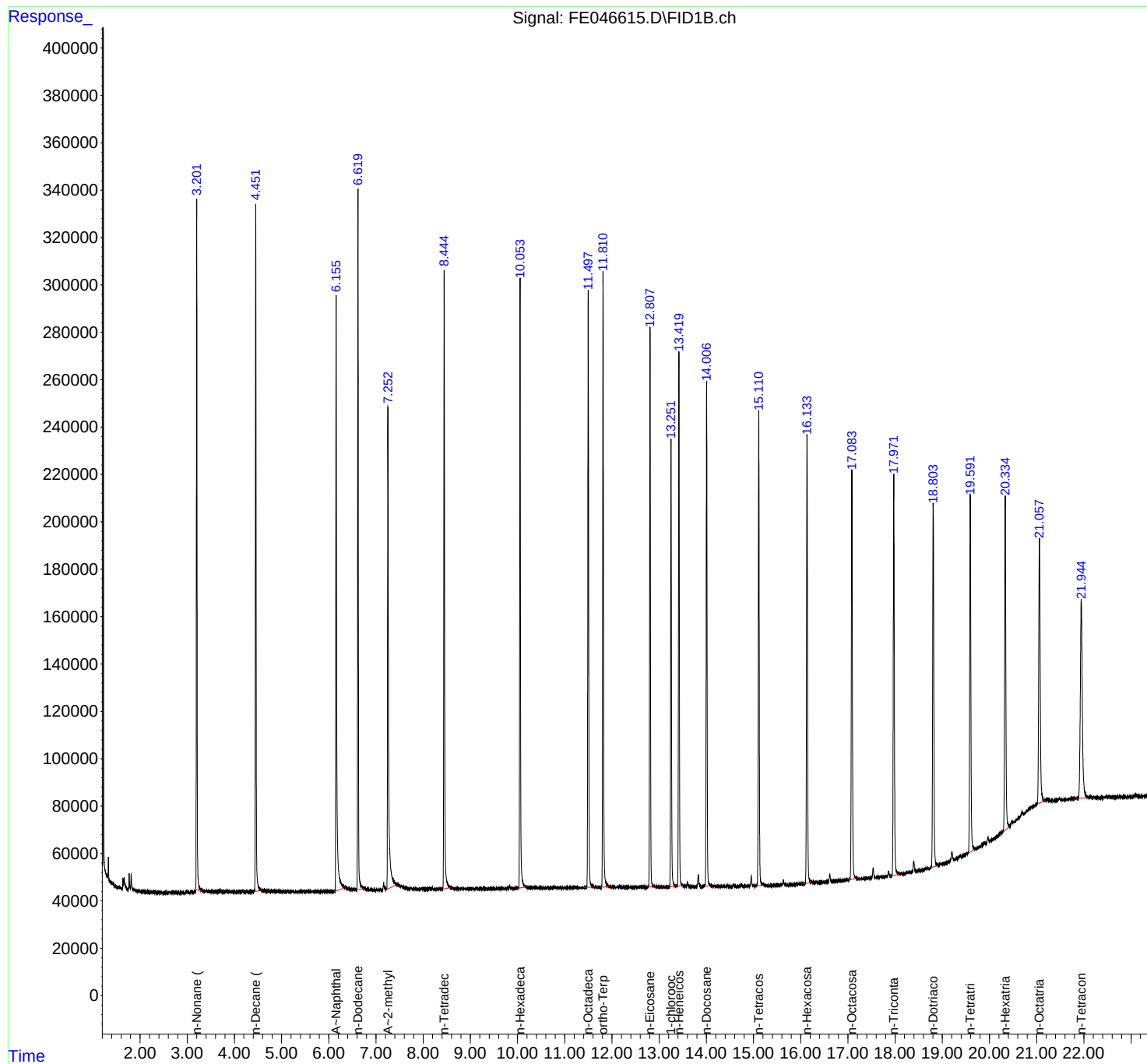
(f)=RT Delta > 1/2 Window

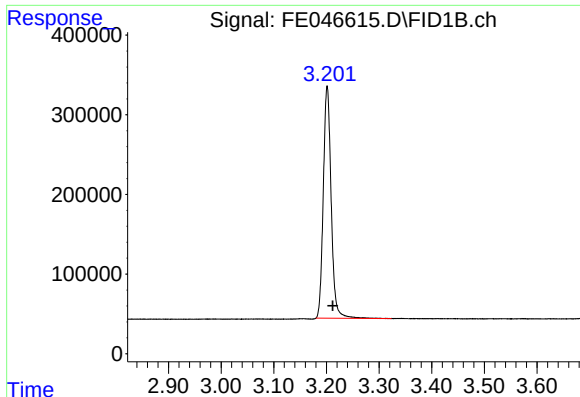
(m)=manual int.

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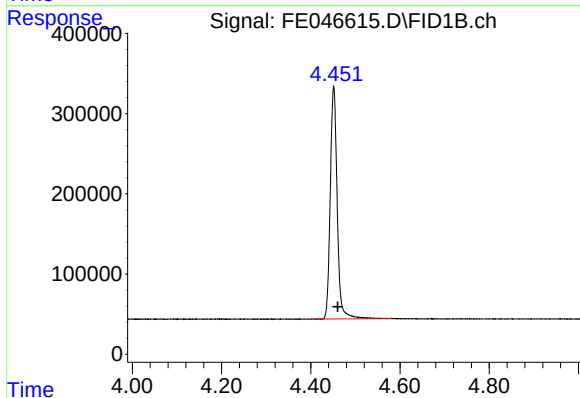
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





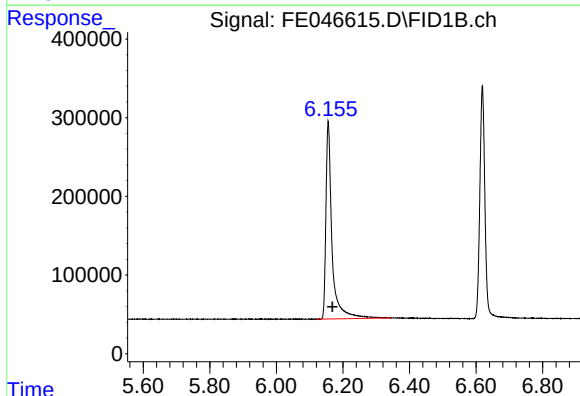
#1 n-Nonane (C9)

R.T.: 3.202 min
Delta R.T.: -0.010 min
Response: 3025447
Conc: 18.73 ug/ml



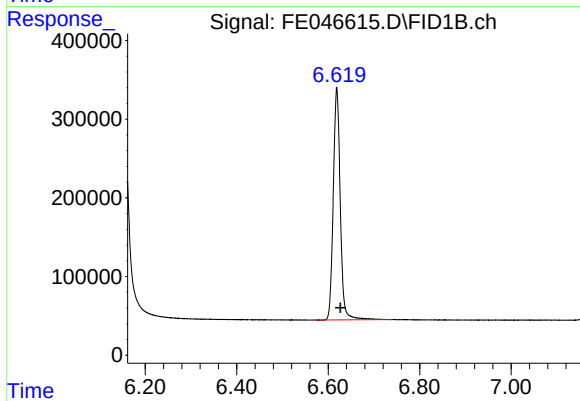
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.009 min
Response: 3127339
Conc: 19.08 ug/ml



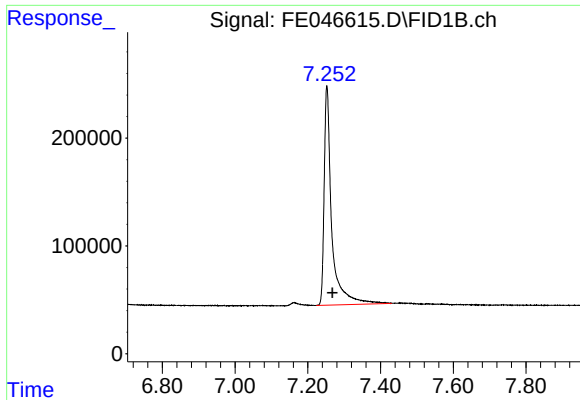
#3 A~Naphthalene (C11.7)

R.T.: 6.156 min
Delta R.T.: -0.013 min
Response: 3205018
Conc: 18.74 ug/ml



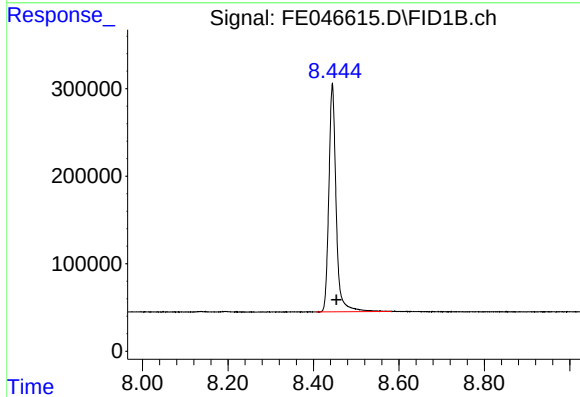
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.008 min
Response: 3140882
Conc: 18.99 ug/ml



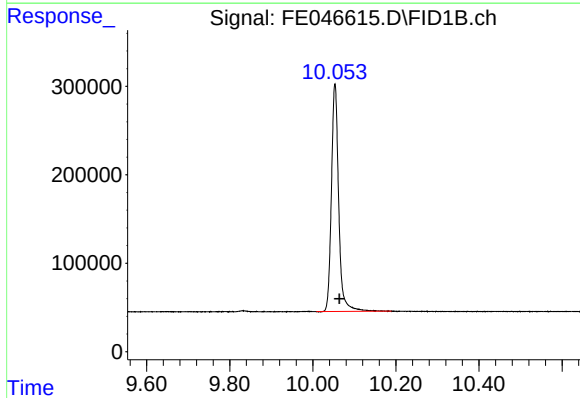
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.015 min
Response: 2961425
Conc: 18.57 ug/ml



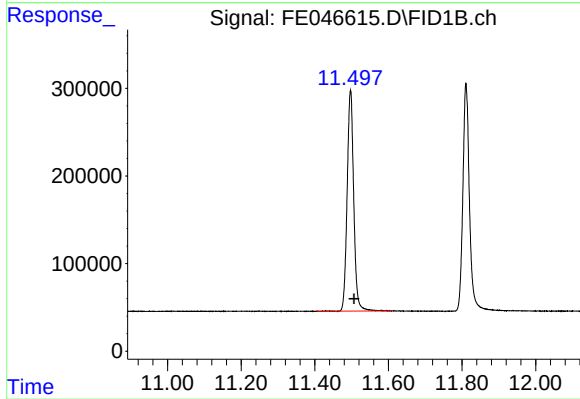
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: -0.010 min
Response: 3072360
Conc: 18.75 ug/ml



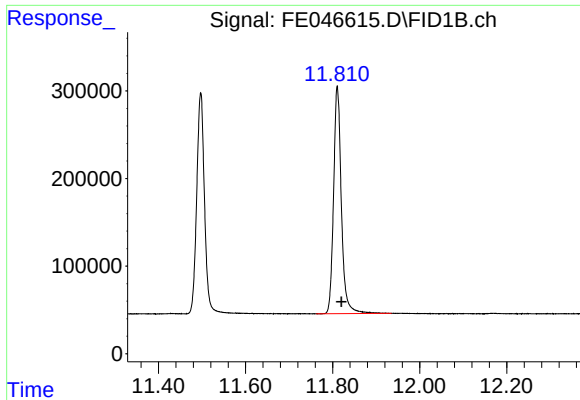
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: -0.011 min
Response: 3125758
Conc: 18.29 ug/ml



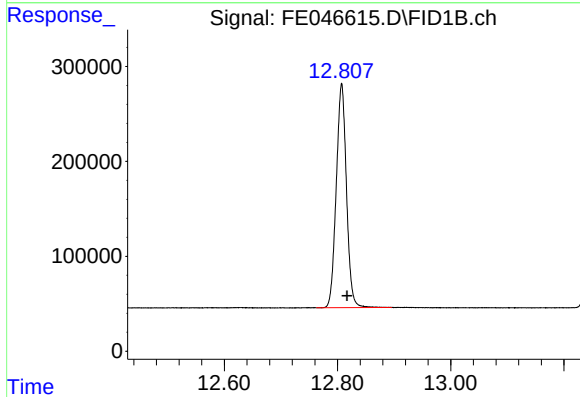
#8 n-Octadecane (C18)

R.T.: 11.497 min
Delta R.T.: -0.009 min
Response: 3132795
Conc: 17.97 ug/ml



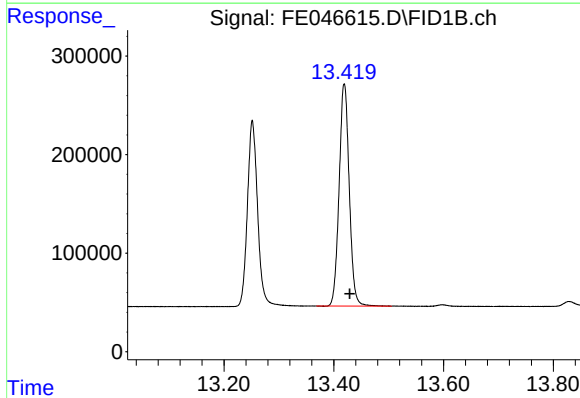
#9 ortho-Terphenyl (SURR)

R.T.: 11.811 min
Delta R.T.: -0.010 min
Response: 3223125
Conc: 17.43 ug/ml



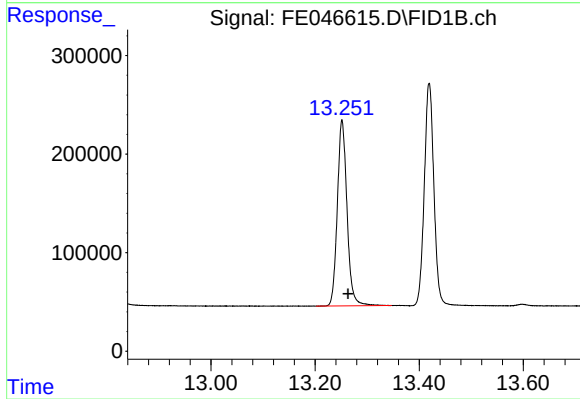
#10 n-Eicosane (C20)

R.T.: 12.807 min
Delta R.T.: -0.010 min
Response: 2955612
Conc: 17.41 ug/ml



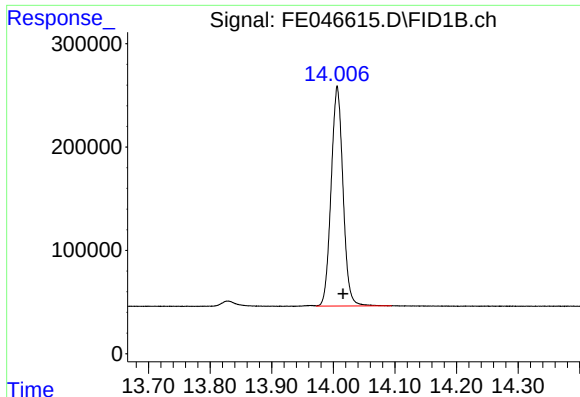
#11 n-Heneicosane (C21)

R.T.: 13.419 min
Delta R.T.: -0.010 min
Response: 2880134
Conc: 17.27 ug/ml



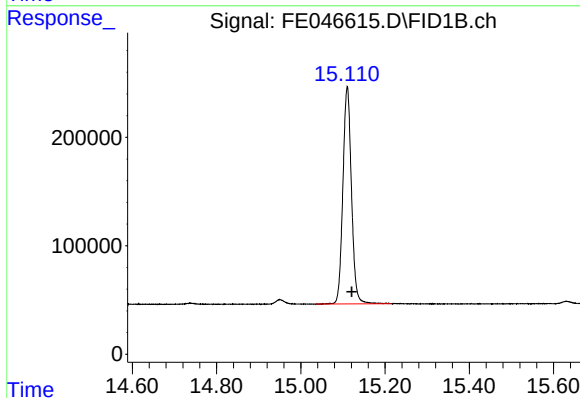
#12 1-chlorooctadecane (SURR)

R.T.: 13.252 min
Delta R.T.: -0.012 min
Response: 2438449
Conc: 17.14 ug/ml



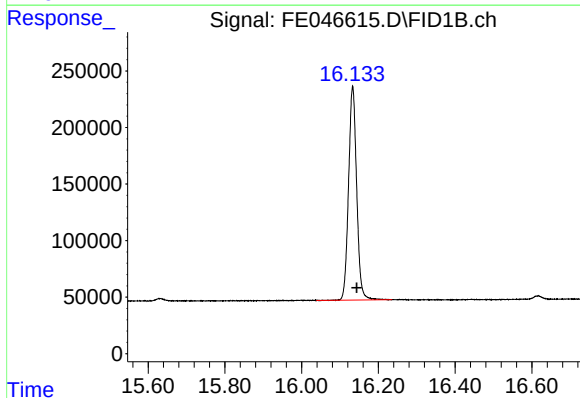
#13 n-Docosane (C22)

R.T.: 14.006 min
Delta R.T.: -0.010 min
Response: 2849006
Conc: 17.20 ug/ml



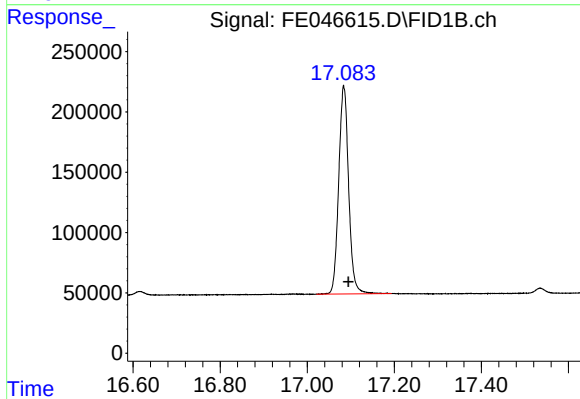
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.011 min
Response: 2830506
Conc: 17.15 ug/ml



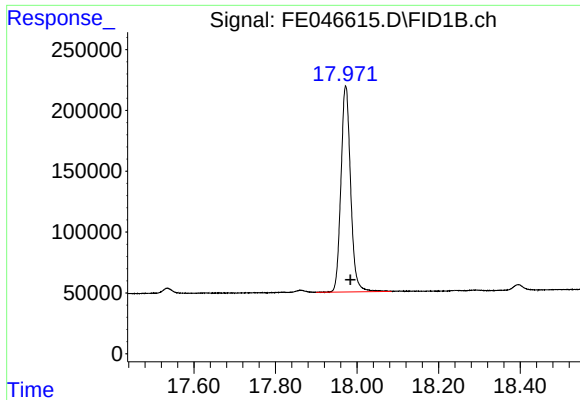
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: -0.011 min
Response: 2771270
Conc: 17.17 ug/ml



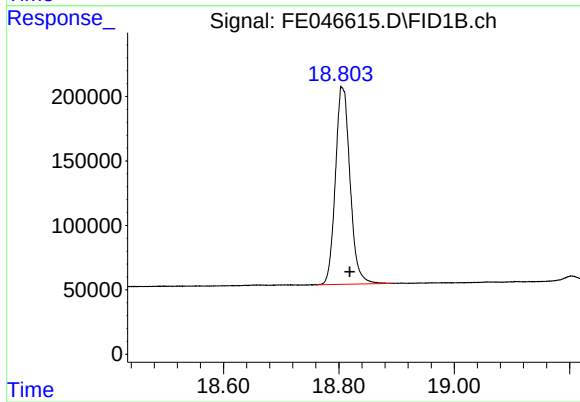
#16 n-Octacosane (C28)

R.T.: 17.084 min
Delta R.T.: -0.011 min
Response: 2728263
Conc: 17.38 ug/ml



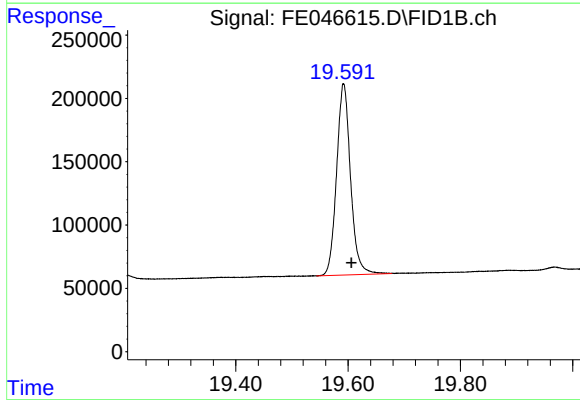
#17 n-Tricontane (C30)

R.T.: 17.972 min
Delta R.T.: -0.011 min
Response: 2779418
Conc: 17.74 ug/ml



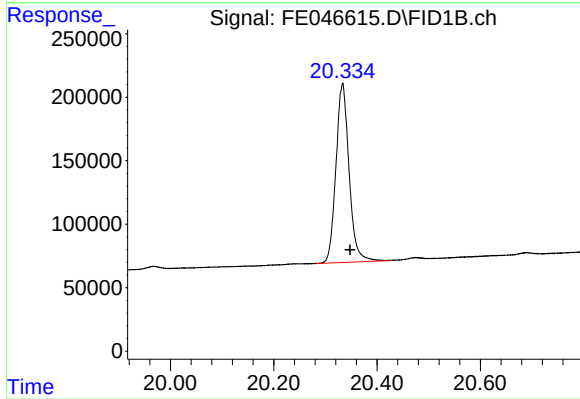
#18 n-Dotriacontane (C32)

R.T.: 18.805 min
Delta R.T.: -0.013 min
Response: 2700118
Conc: 17.86 ug/ml



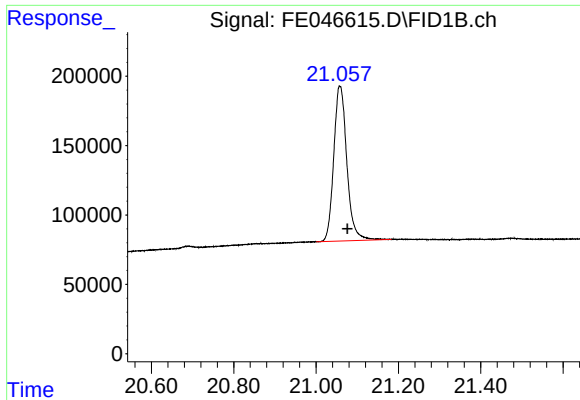
#19 n-Tetratriacontane (C34)

R.T.: 19.591 min
Delta R.T.: -0.015 min
Response: 2600484
Conc: 18.33 ug/ml m



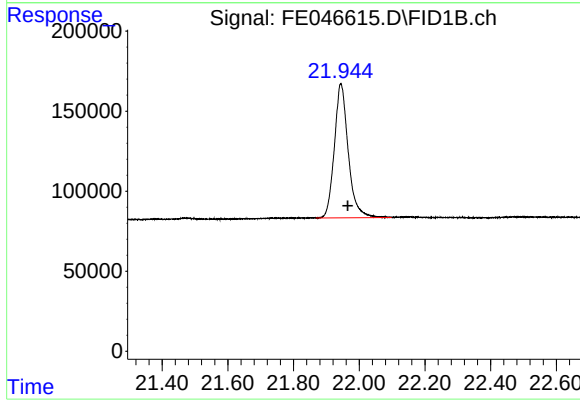
#20 n-Hexatriacontane (C36)

R.T.: 20.334 min
Delta R.T.: -0.014 min
Response: 2493823
Conc: 18.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.019 min
Response: 2466993
Conc: 19.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: -0.021 min
Response: 2462072
Conc: 19.69 ug/ml m