

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022624AL\
 Data File : FE046934.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2024 20:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 26 22:55:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.796	3333342	20.288 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
12) S 1-chlorooctadecane (S...	13.238	2541318	20.644 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	3.185	3147726	20.642 ug/ml
2) T n-Decane (C10)	4.436	3212822	20.744 ug/ml
3) T A~Naphthalene (C11.7)	6.143	3267090	20.743 ug/ml
4) T n-Dodecane (C12)	6.605	3250514	20.906 ug/ml
5) T A~2-methylnaphthalene...	7.239	2988871	20.843 ug/ml
6) T n-Tetradecane (C14)	8.431	3214362	20.845 ug/ml
7) T n-Hexadecane (C16)	10.039	3293372	20.757 ug/ml
8) T n-Octadecane (C18)	11.482	3274655	20.541 ug/ml
10) T n-Eicosane (C20)	12.792	3095326	20.449 ug/ml
11) T n-Heneicosane (C21)	13.405	3015392	20.363 ug/ml
13) T n-Docosane (C22)	13.991	2973348	20.436 ug/ml
14) T n-Tetracosane (C24)	15.095	2919711	20.444 ug/ml
15) T n-Hexacosane (C26)	16.116	2849393	20.391 ug/ml
16) T n-Octacosane (C28)	17.067	2786912	20.456 ug/ml
17) T n-Tricontane (C30)	17.956	2915237	20.895 ug/ml
18) T n-Dotriacontane (C32)	18.788	2825532	20.534 ug/mlm
19) T n-Tetratriacontane (C34)	19.572	2764285	20.578 ug/mlm
20) T n-Hexatriacontane (C36)	20.313	2777247	20.856 ug/mlm
21) T n-Octatriacontane (C38)	21.038	2890755	20.980 ug/mlm
22) T n-Tetracontane (C40)	21.915	3221658	22.834 ug/mlm

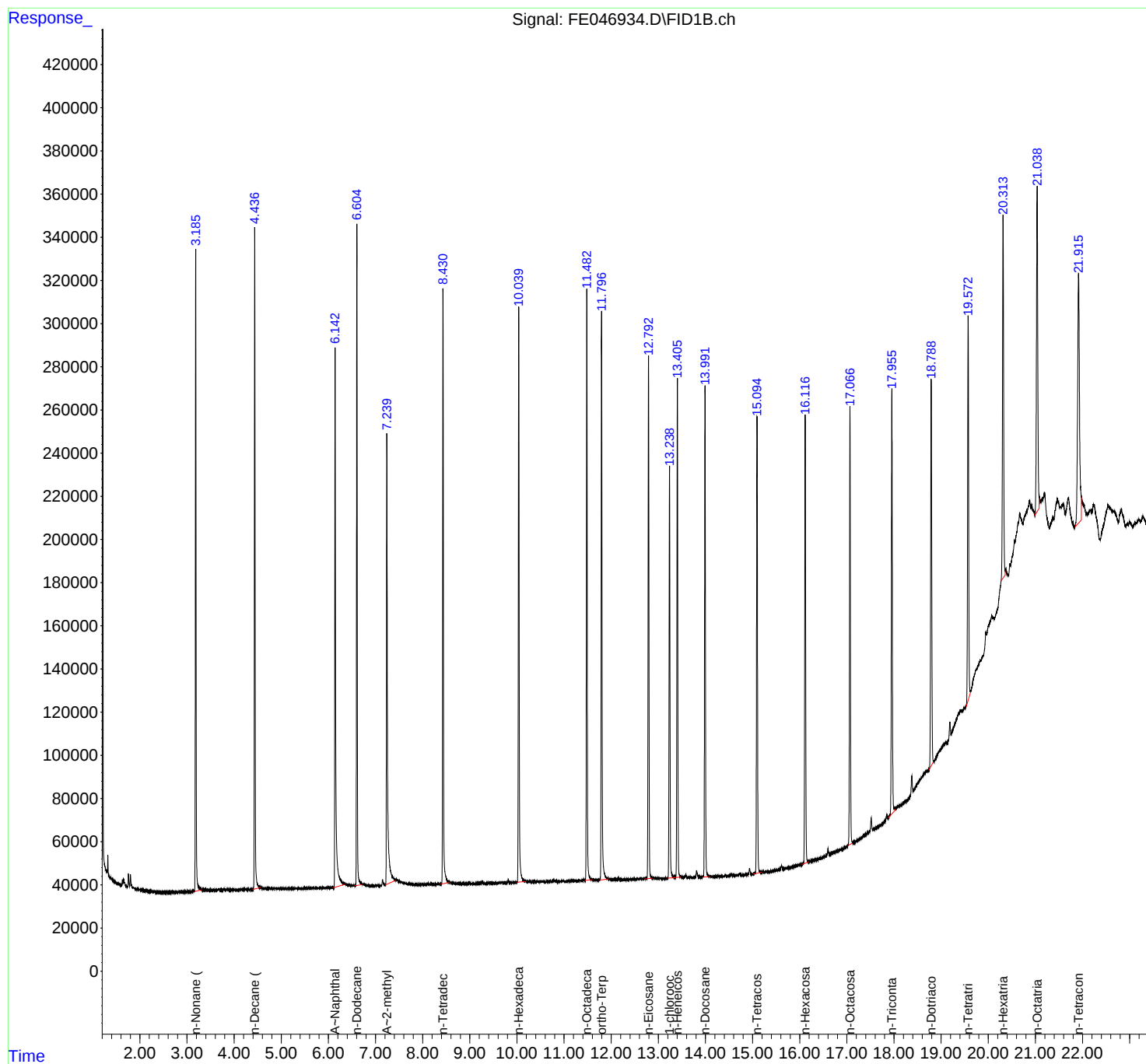
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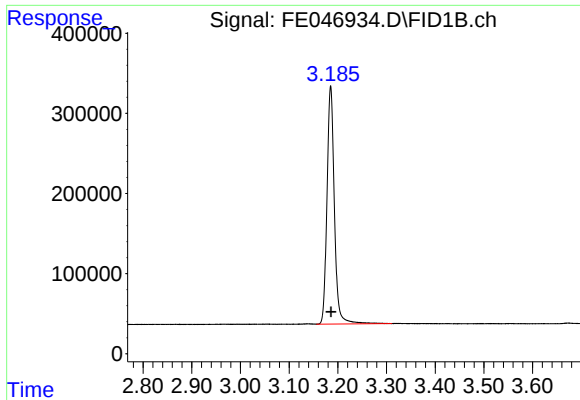
(m)=manual int.

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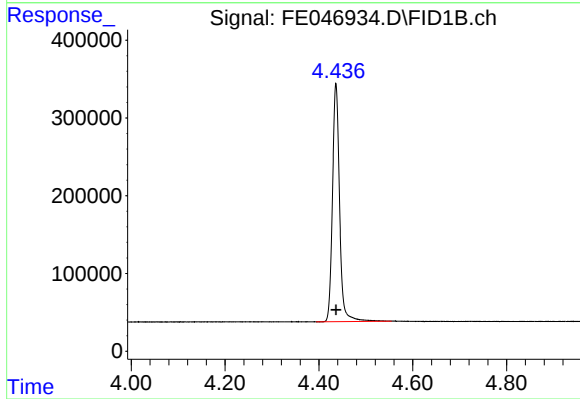
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Signal Info : 20M x 0.18mm x 0.18um





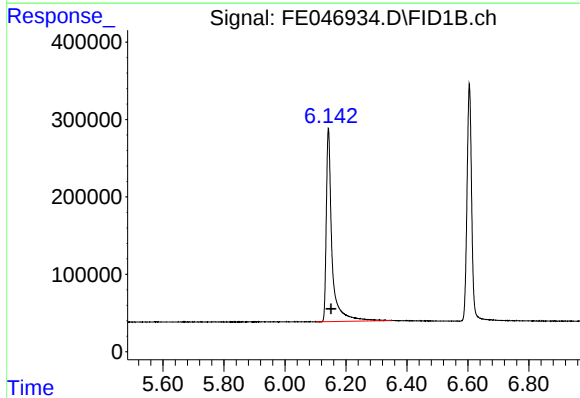
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: 0.000 min
Response: 3147726
Conc: 20.64 ug/ml



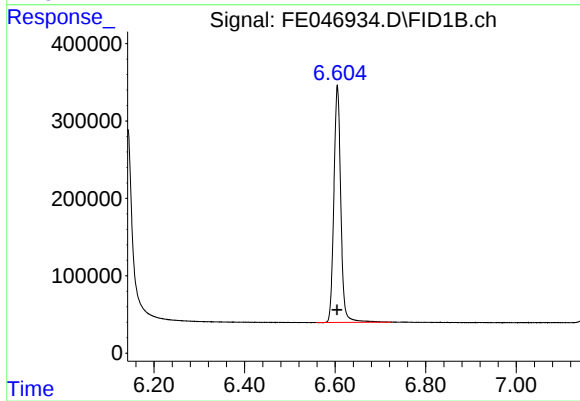
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 3212822
Conc: 20.74 ug/ml



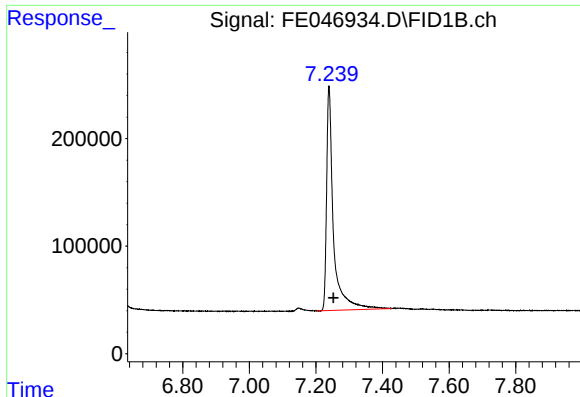
#3 A~Naphthalene (C11.7)

R.T.: 6.143 min
Delta R.T.: -0.009 min
Response: 3267090
Conc: 20.74 ug/ml



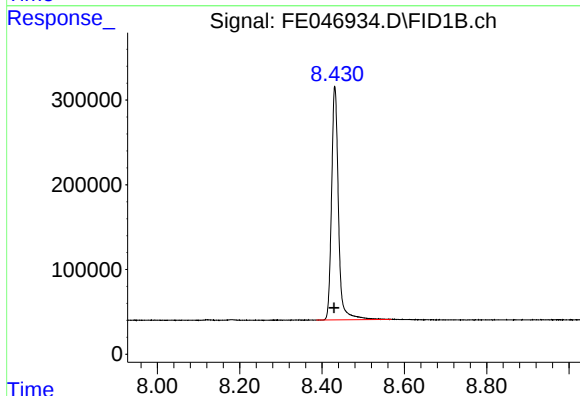
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: 0.001 min
Response: 3250514
Conc: 20.91 ug/ml



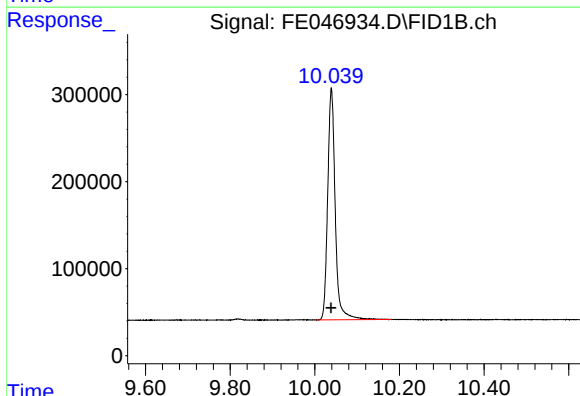
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.013 min
Response: 2988871
Conc: 20.84 ug/ml



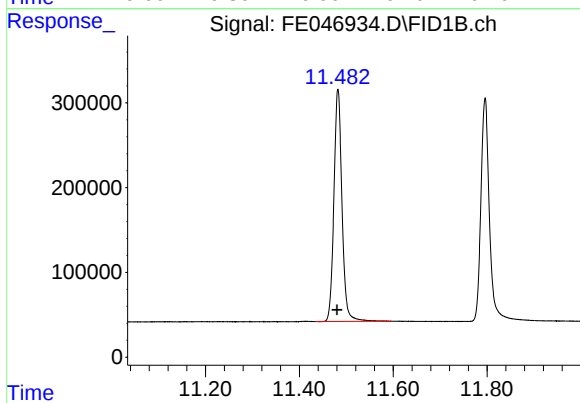
#6 n-Tetradecane (C14)

R.T.: 8.431 min
Delta R.T.: 0.001 min
Response: 3214362
Conc: 20.85 ug/ml



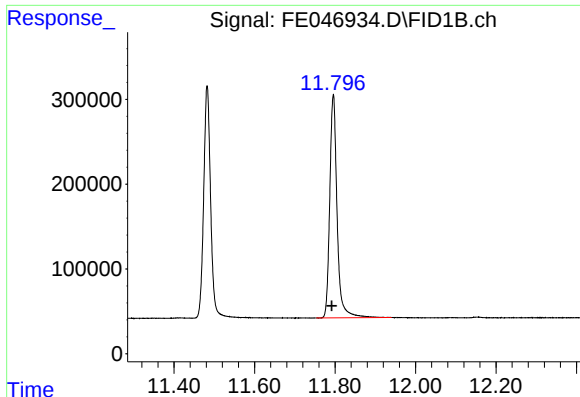
#7 n-Hexadecane (C16)

R.T.: 10.039 min
Delta R.T.: 0.000 min
Response: 3293372
Conc: 20.76 ug/ml



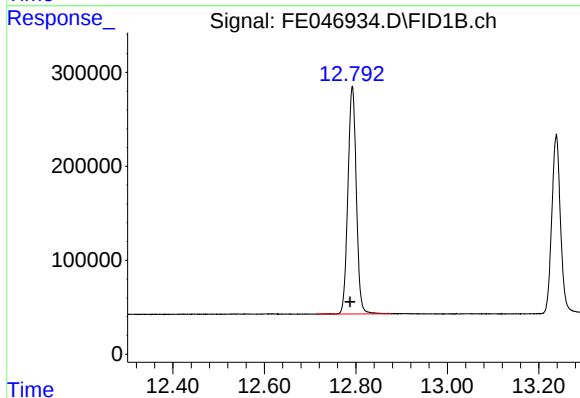
#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: 0.002 min
Response: 3274655
Conc: 20.54 ug/ml



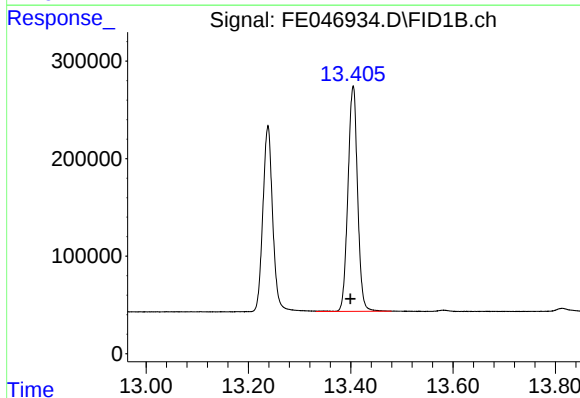
#9 ortho-Terphenyl (SURR)

R.T.: 11.796 min
Delta R.T.: 0.004 min
Response: 3333342
Conc: 20.29 ug/ml



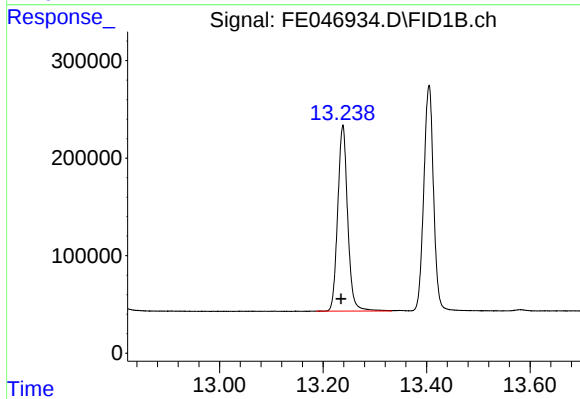
#10 n-Eicosane (C20)

R.T.: 12.792 min
Delta R.T.: 0.005 min
Response: 3095326
Conc: 20.45 ug/ml



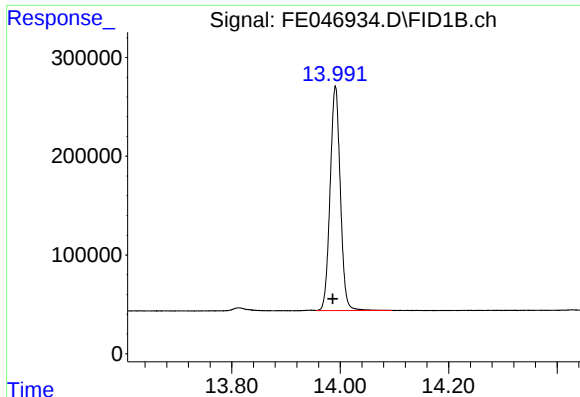
#11 n-Heneicosane (C21)

R.T.: 13.405 min
Delta R.T.: 0.005 min
Response: 3015392
Conc: 20.36 ug/ml



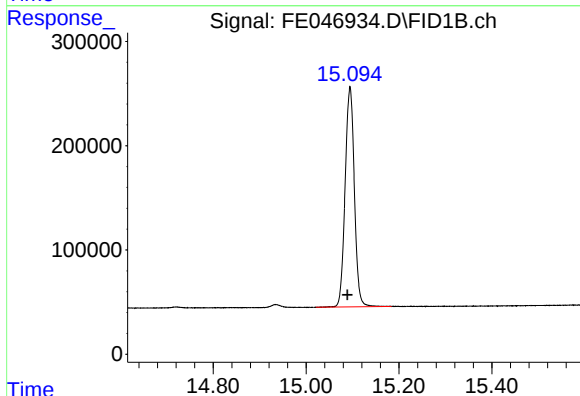
#12 1-chlorooctadecane (SURR)

R.T.: 13.238 min
Delta R.T.: 0.003 min
Response: 2541318
Conc: 20.64 ug/ml



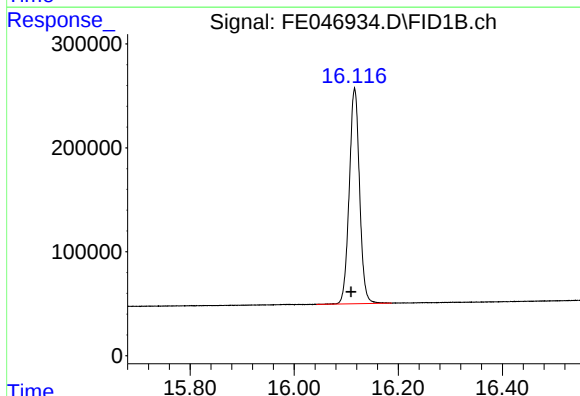
#13 n-Docosane (C22)

R.T.: 13.991 min
Delta R.T.: 0.005 min
Response: 2973348
Conc: 20.44 ug/ml



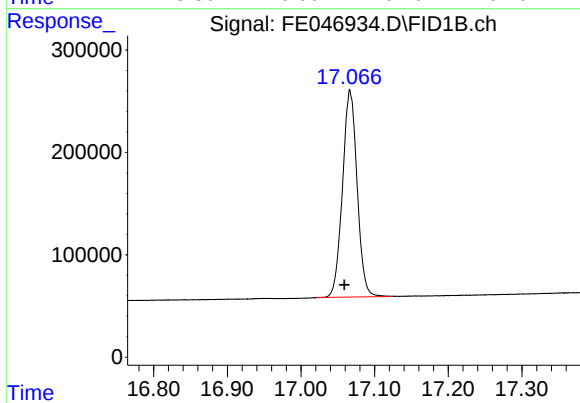
#14 n-Tetracosane (C24)

R.T.: 15.095 min
Delta R.T.: 0.006 min
Response: 2919711
Conc: 20.44 ug/ml



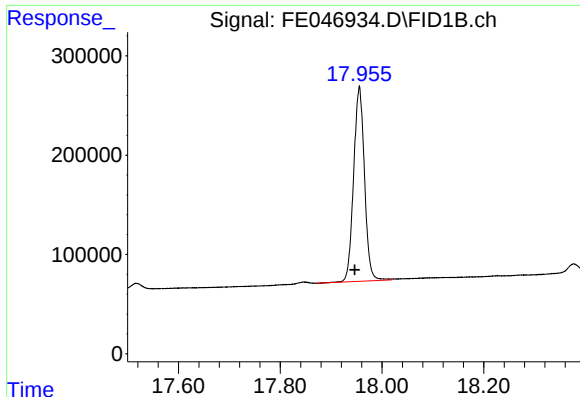
#15 n-Hexacosane (C26)

R.T.: 16.116 min
Delta R.T.: 0.007 min
Response: 2849393
Conc: 20.39 ug/ml



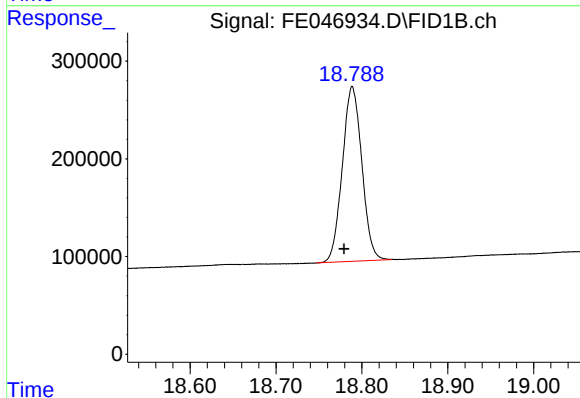
#16 n-Octacosane (C28)

R.T.: 17.067 min
Delta R.T.: 0.008 min
Response: 2786912
Conc: 20.46 ug/ml



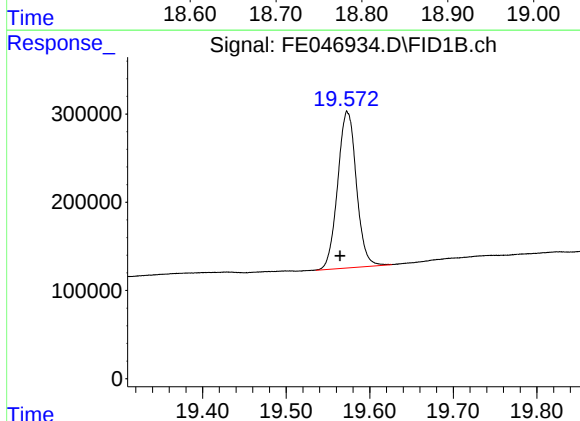
#17 n-Tricontane (C30)

R.T.: 17.956 min
Delta R.T.: 0.009 min
Response: 2915237
Conc: 20.90 ug/ml



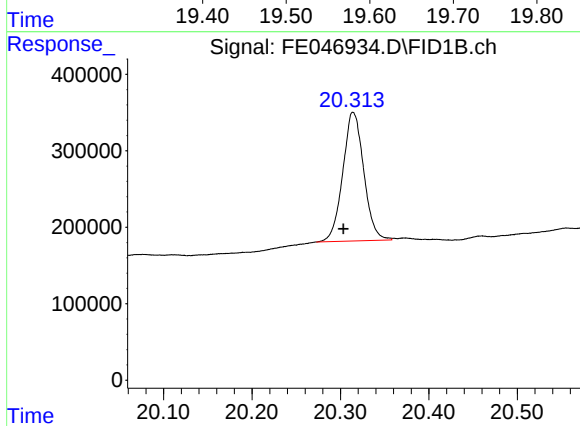
#18 n-Dotriacontane (C32)

R.T.: 18.788 min
Delta R.T.: 0.009 min
Response: 2825532
Conc: 20.53 ug/ml m



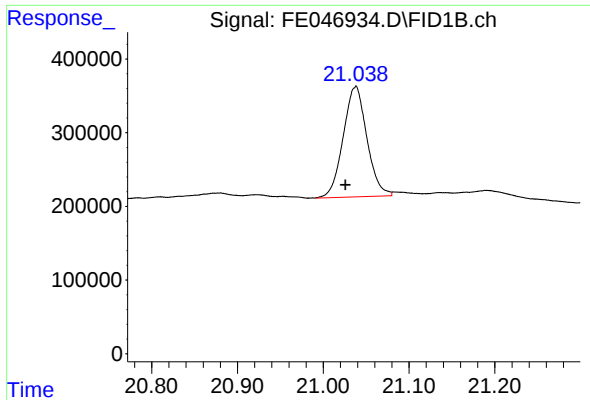
#19 n-Tetratriacontane (C34)

R.T.: 19.572 min
Delta R.T.: 0.008 min
Response: 2764285
Conc: 20.58 ug/ml m



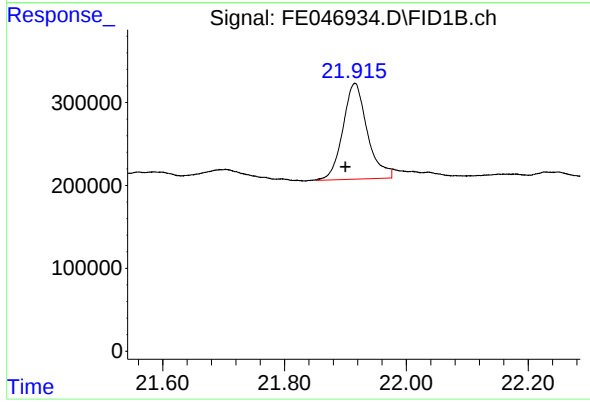
#20 n-Hexatriacontane (C36)

R.T.: 20.313 min
Delta R.T.: 0.010 min
Response: 2777247
Conc: 20.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.038 min
Delta R.T.: 0.012 min
Response: 2890755
Conc: 20.98 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: 0.015 min
Response: 3221658
Conc: 22.83 ug/ml m