

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021224AL\
 Data File : FE046739.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2024 08:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 13 22:00:57 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)	11.810	3613683	19.543 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
12) S 1-chlorooctadecane (S...	13.252	2735377	19.226 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T n-Nonane (C9)	3.196	3400308	21.051 ug/mlm
2) T n-Decane (C10)	4.447	3559012	21.716 ug/ml
3) T A~Naphthalene (C11.7)	6.153	3664506	21.430 ug/ml
4) T n-Dodecane (C12)	6.615	3584330	21.669 ug/ml
5) T A~2-methylnaphthalene...	7.249	3458874	21.687 ug/ml
6) T n-Tetradecane (C14)	8.442	3502829	21.372 ug/ml
7) T n-Hexadecane (C16)	10.052	3551912	20.786 ug/ml
8) T n-Octadecane (C18)	11.495	3536909	20.288 ug/ml
10) T n-Eicosane (C20)	12.806	3335690	19.646 ug/ml
11) T n-Heneicosane (C21)	13.419	3238196	19.415 ug/ml
13) T n-Docosane (C22)	14.006	3229632	19.495 ug/ml
14) T n-Tetracosane (C24)	15.110	3263440	19.778 ug/ml
15) T n-Hexacosane (C26)	16.132	3227188	19.995 ug/ml
16) T n-Octacosane (C28)	17.084	3240027	20.640 ug/ml
17) T n-Tricontane (C30)	17.975	3346357	21.364 ug/ml
18) T n-Dotriacontane (C32)	18.809	3340389	22.098 ug/ml
19) T n-Tetratriacontane (C34)	19.593	3163022	22.301 ug/mlm
20) T n-Hexatriacontane (C36)	20.336	3004609	21.798 ug/ml
21) T n-Octatriacontane (C38)	21.062	3110581	24.264 ug/mlm
22) T n-Tetracontane (C40)	21.949	3082539	24.653 ug/mlm

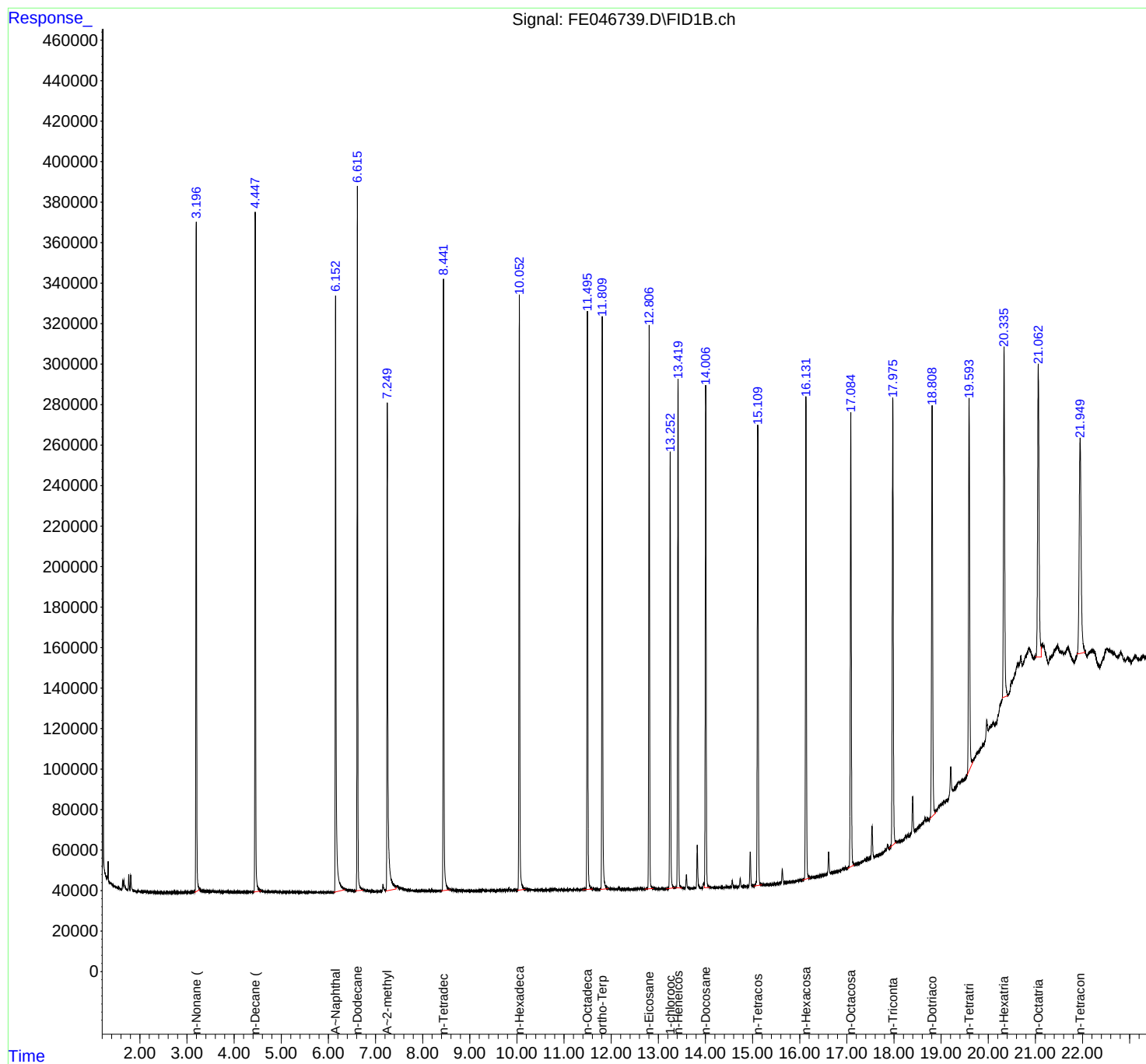
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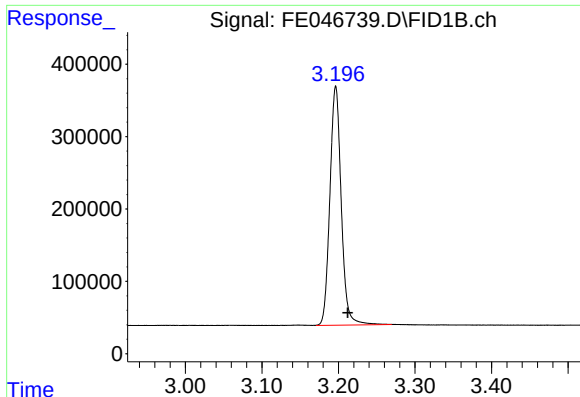
(m)=manual int.

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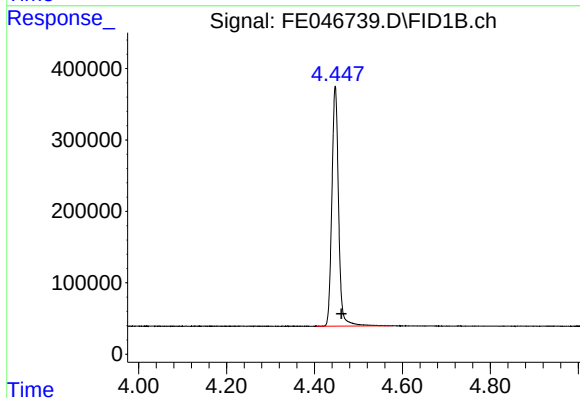
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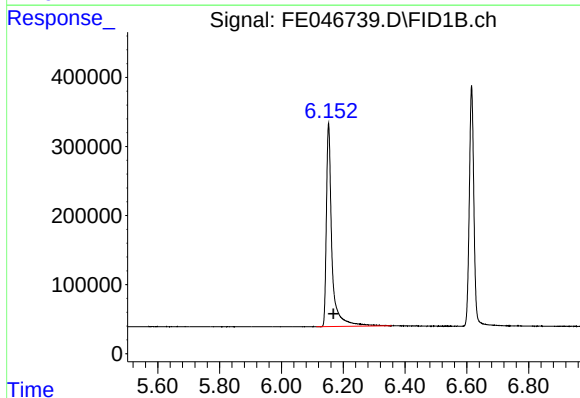
#1 n-Nonane (C9)

R.T.: 3.196 min
Delta R.T.: -0.016 min
Response: 3400308
Conc: 21.05 ug/ml m



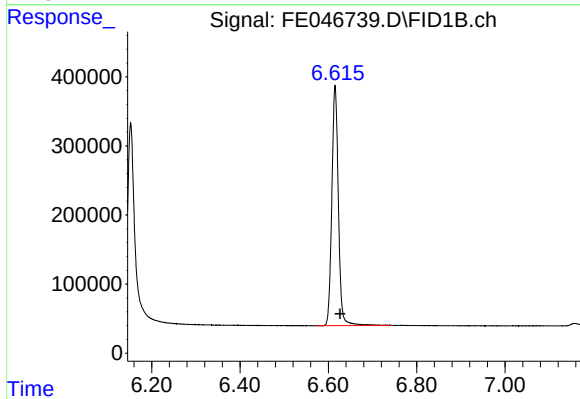
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.013 min
Response: 3559012
Conc: 21.72 ug/ml



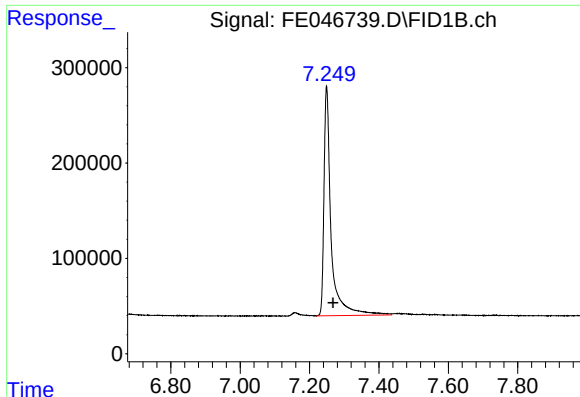
#3 A~Naphthalene (C11.7)

R.T.: 6.153 min
Delta R.T.: -0.016 min
Response: 3664506
Conc: 21.43 ug/ml



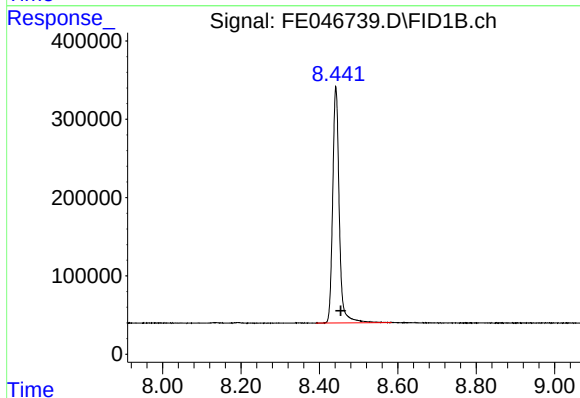
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.011 min
Response: 3584330
Conc: 21.67 ug/ml



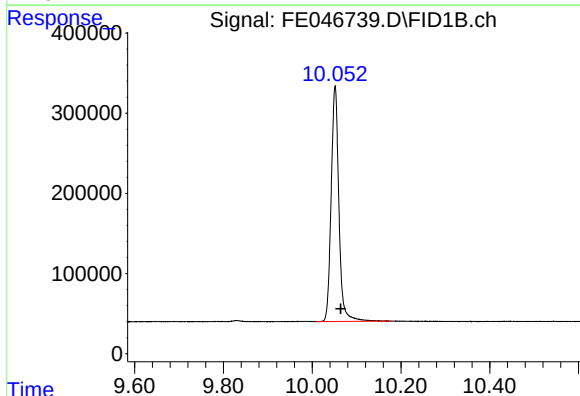
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: -0.018 min
Response: 3458874
Conc: 21.69 ug/ml



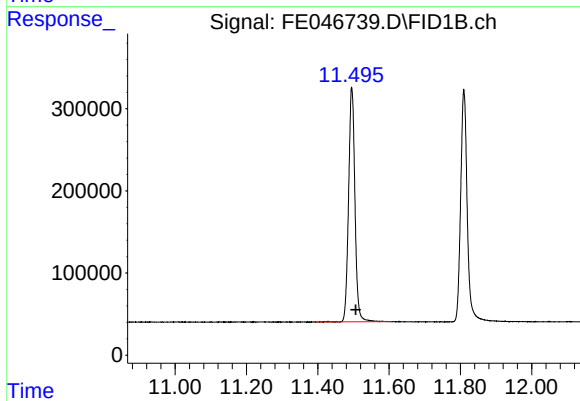
#6 n-Tetradecane (C14)

R.T.: 8.442 min
Delta R.T.: -0.012 min
Response: 3502829
Conc: 21.37 ug/ml



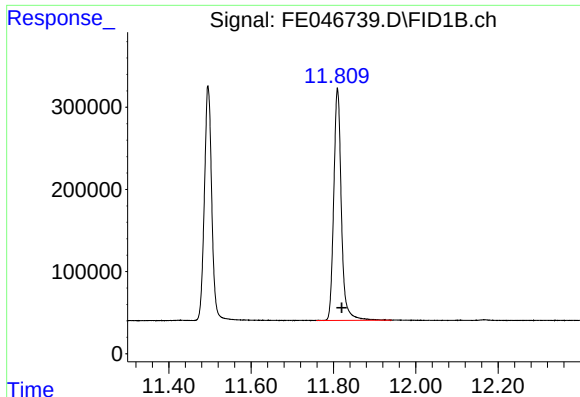
#7 n-Hexadecane (C16)

R.T.: 10.052 min
Delta R.T.: -0.012 min
Response: 3551912
Conc: 20.79 ug/ml



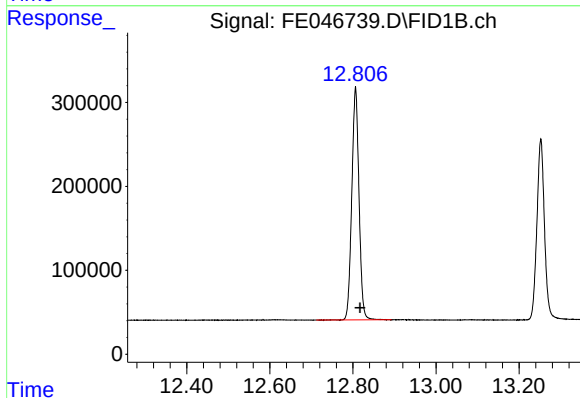
#8 n-Octadecane (C18)

R.T.: 11.495 min
Delta R.T.: -0.011 min
Response: 3536909
Conc: 20.29 ug/ml



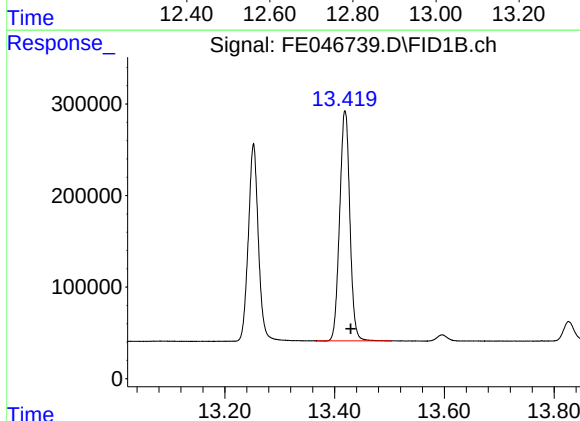
#9 ortho-Terphenyl (SURR)

R.T.: 11.810 min
Delta R.T.: -0.010 min
Response: 3613683
Conc: 19.54 ug/ml



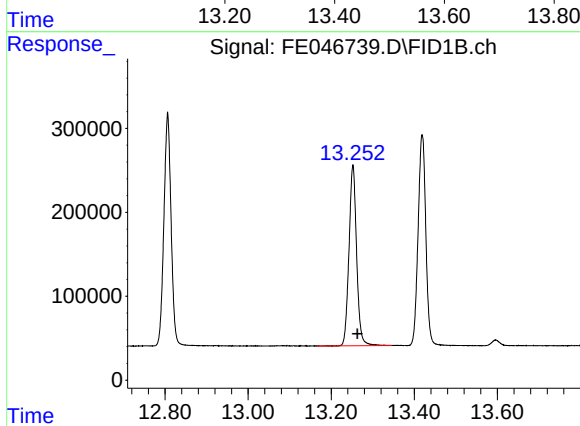
#10 n-Eicosane (C20)

R.T.: 12.806 min
Delta R.T.: -0.011 min
Response: 3335690
Conc: 19.65 ug/ml



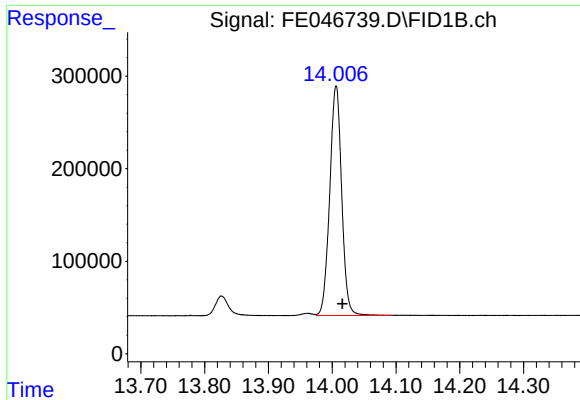
#11 n-Heneicosane (C21)

R.T.: 13.419 min
Delta R.T.: -0.010 min
Response: 3238196
Conc: 19.41 ug/ml



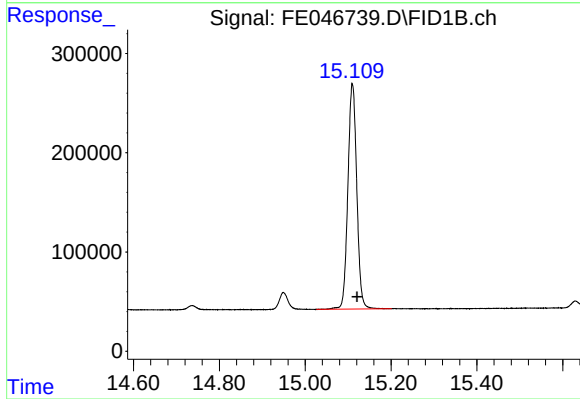
#12 1-chlorooctadecane (SURR)

R.T.: 13.252 min
Delta R.T.: -0.011 min
Response: 2735377
Conc: 19.23 ug/ml



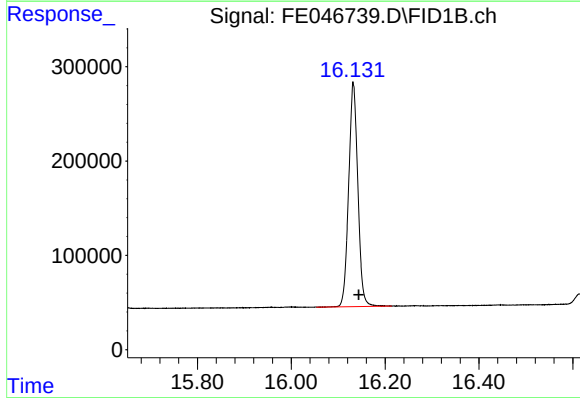
#13 n-Docosane (C22)

R.T.: 14.006 min
Delta R.T.: -0.010 min
Response: 3229632
Conc: 19.49 ug/ml



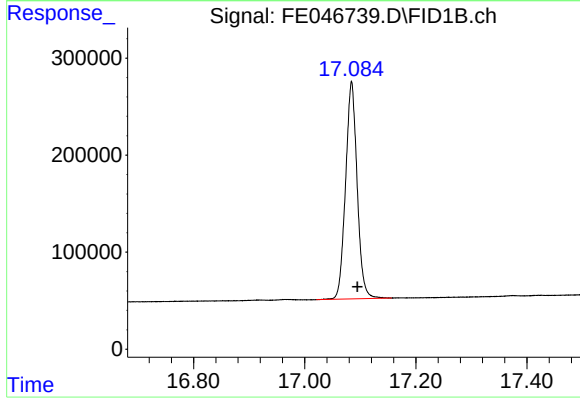
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.011 min
Response: 3263440
Conc: 19.78 ug/ml



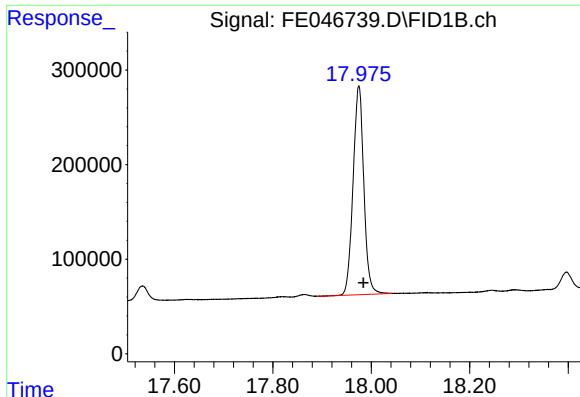
#15 n-Hexacosane (C26)

R.T.: 16.132 min
Delta R.T.: -0.012 min
Response: 3227188
Conc: 19.99 ug/ml



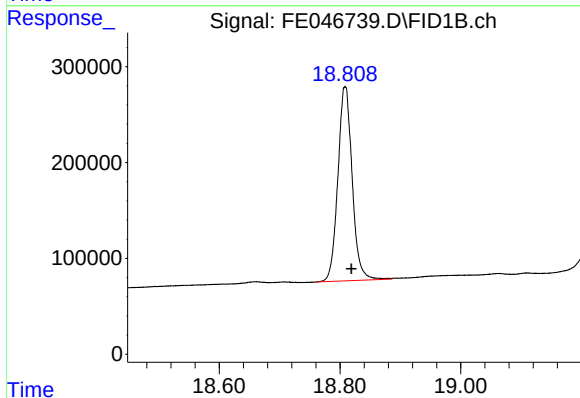
#16 n-Octacosane (C28)

R.T.: 17.084 min
Delta R.T.: -0.010 min
Response: 3240027
Conc: 20.64 ug/ml



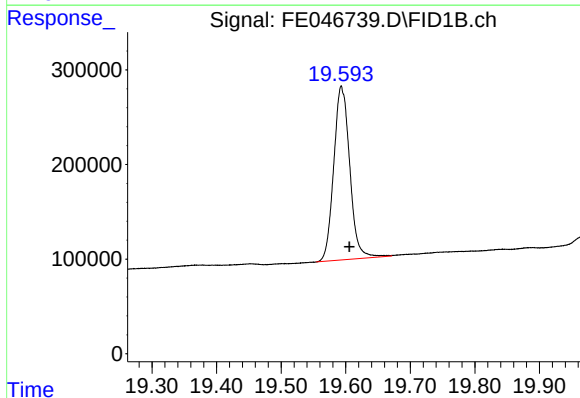
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.009 min
Response: 3346357
Conc: 21.36 ug/ml



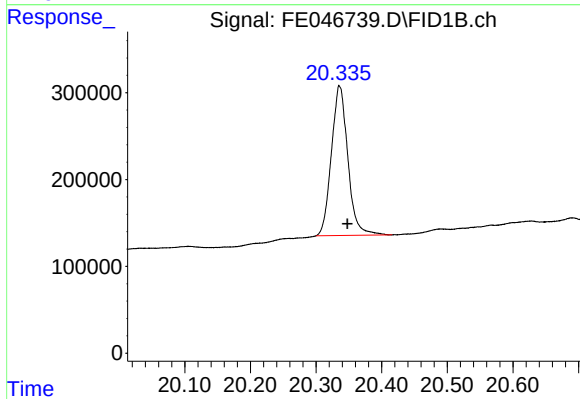
#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.010 min
Response: 3340389
Conc: 22.10 ug/ml



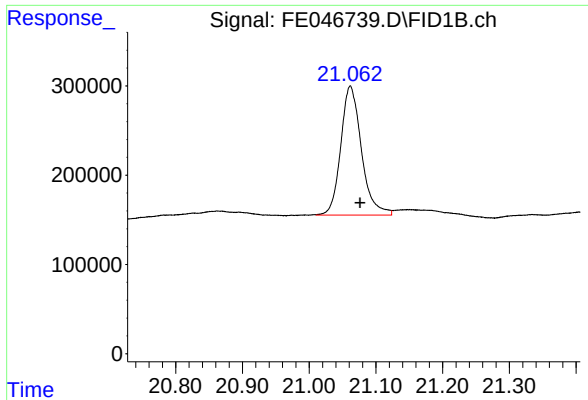
#19 n-Tetratriacontane (C34)

R.T.: 19.593 min
Delta R.T.: -0.013 min
Response: 3163022
Conc: 22.30 ug/ml m



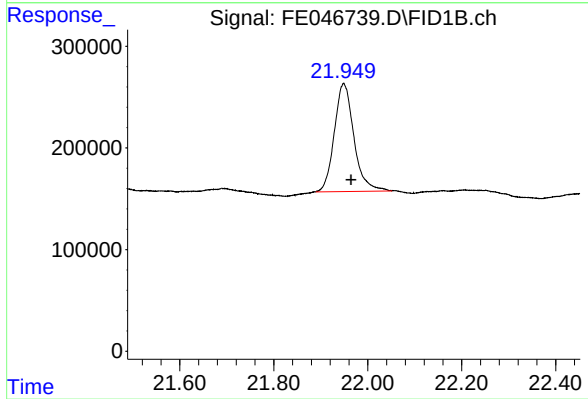
#20 n-Hexatriacontane (C36)

R.T.: 20.336 min
Delta R.T.: -0.012 min
Response: 3004609
Conc: 21.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: -0.015 min
Response: 3110581
Conc: 24.26 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.949 min
Delta R.T.: -0.016 min
Response: 3082539
Conc: 24.65 ug/ml m