

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070722AL\
 Data File : FE036415.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2022 10:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 08 03:49:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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)	11.871	3699615	18.517 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
12) S 1-chlorooctadecane (S...	13.309	2894188	18.694 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.261	3353622	18.646 ug/ml
2) T n-Decane (C10)	4.515	3425768	19.058 ug/ml
3) T A~Naphthalene (C11.7)	6.217	3780934	18.845 ug/ml
4) T n-Dodecane (C12)	6.683	3528060	19.048 ug/ml
5) T A~2-methylnaphthalene...	7.313	3803567	18.684 ug/ml
6) T n-Tetradecane (C14)	8.509	3548982	18.983 ug/ml
7) T n-Hexadecane (C16)	10.116	3548610	18.949 ug/ml
8) T n-Octadecane (C18)	11.558	3517456	18.907 ug/ml
10) T n-Eicosane (C20)	12.864	3402867	18.784 ug/ml
11) T n-Heneicosane (C21)	13.475	3358583	18.697 ug/ml
13) T n-Docosane (C22)	14.062	3296575	18.646 ug/ml
14) T n-Tetracosane (C24)	15.163	3210148	18.743 ug/ml
15) T n-Hexacosane (C26)	16.185	3134201	18.970 ug/ml
16) T n-Octacosane (C28)	17.134	3127697	19.539 ug/ml
17) T n-Tricontane (C30)	18.023	3228716	20.855 ug/ml
18) T n-Dotriacontane (C32)	18.855	3190281	21.831 ug/ml
19) T n-Tetratriacontane (C34)	19.639	3030911	21.902 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2905384	21.642 ug/ml
21) T n-Octatriacontane (C38)	21.109	2874741	21.616 ug/ml
22) T n-Tetracontane (C40)	22.007	3129947	22.385 ug/ml

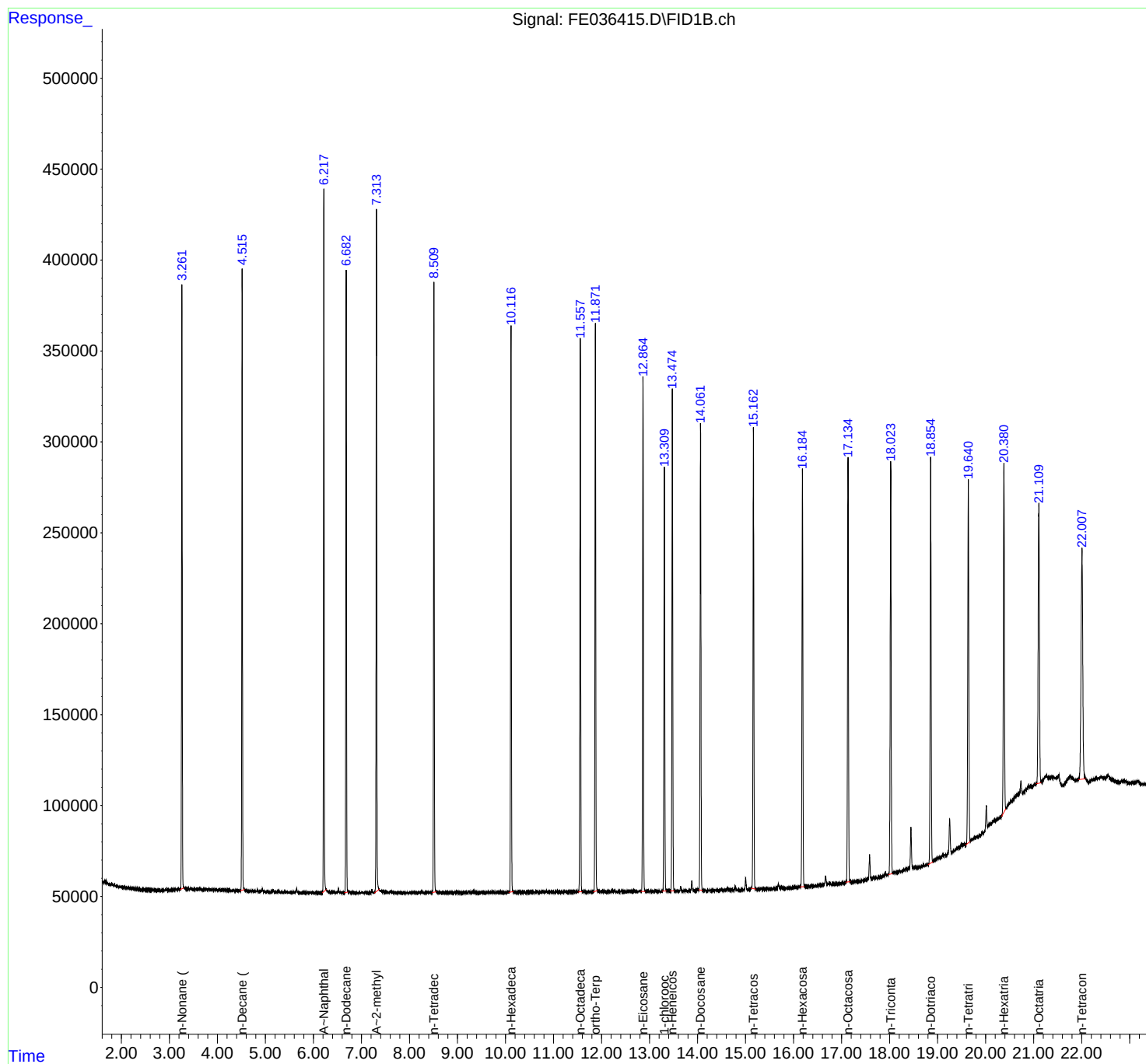
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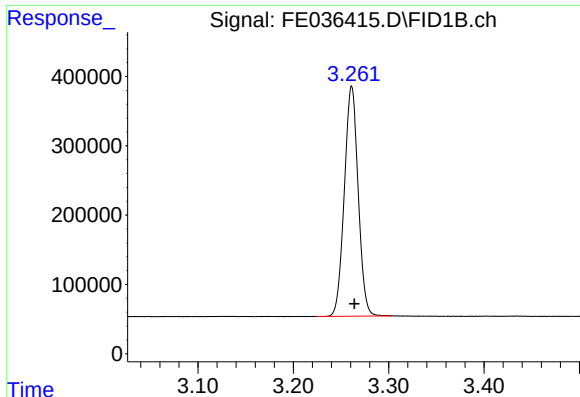
(m)=manual int.

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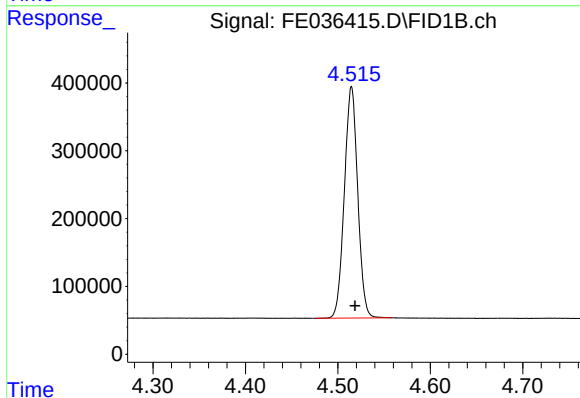
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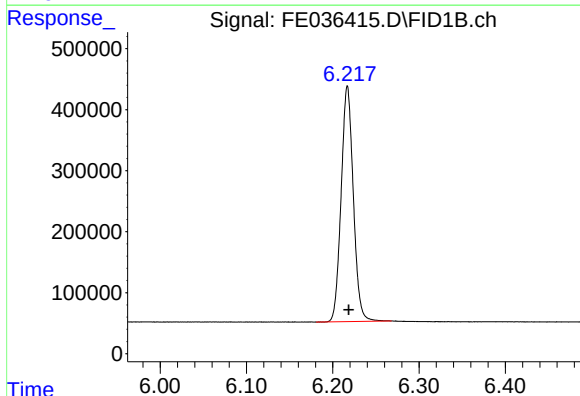
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 3353622
Conc: 18.65 ug/ml



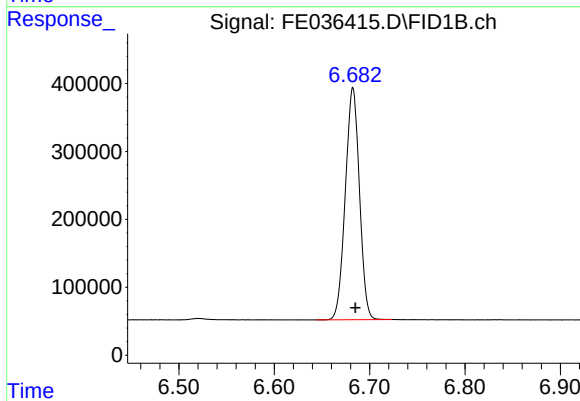
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.004 min
Response: 3425768
Conc: 19.06 ug/ml



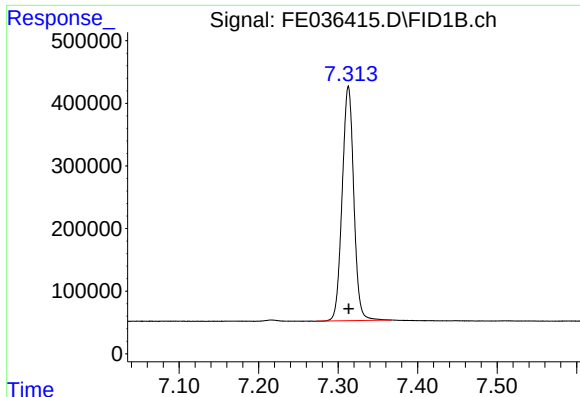
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.001 min
Response: 3780934
Conc: 18.84 ug/ml



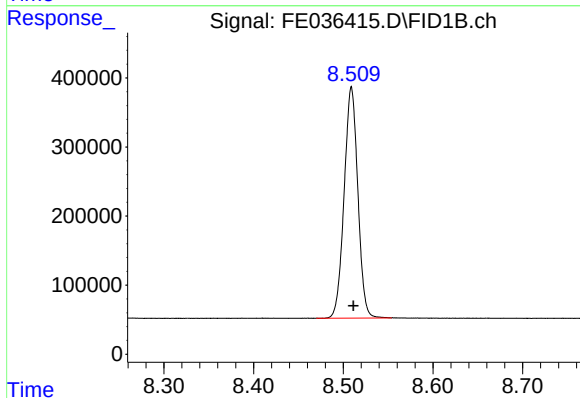
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 3528060
Conc: 19.05 ug/ml



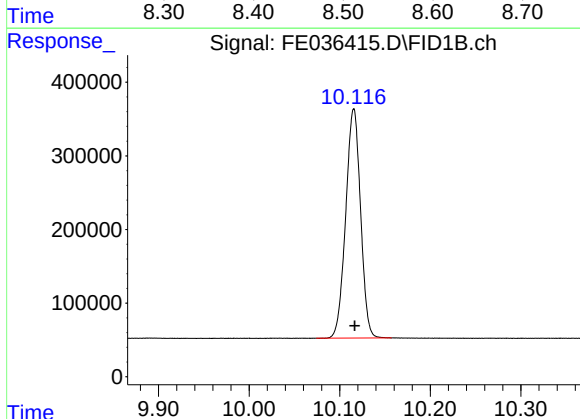
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 3803567
Conc: 18.68 ug/ml



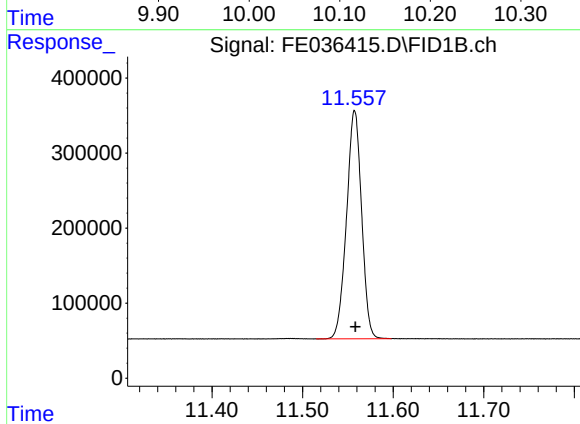
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 3548982
Conc: 18.98 ug/ml



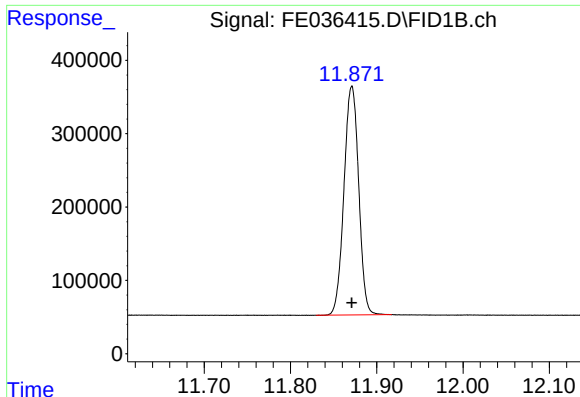
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 3548610
Conc: 18.95 ug/ml



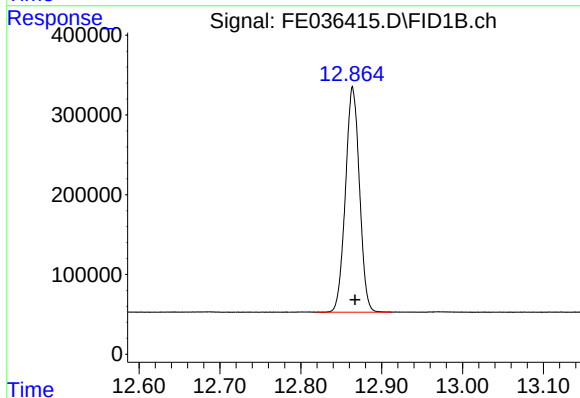
#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 3517456
Conc: 18.91 ug/ml



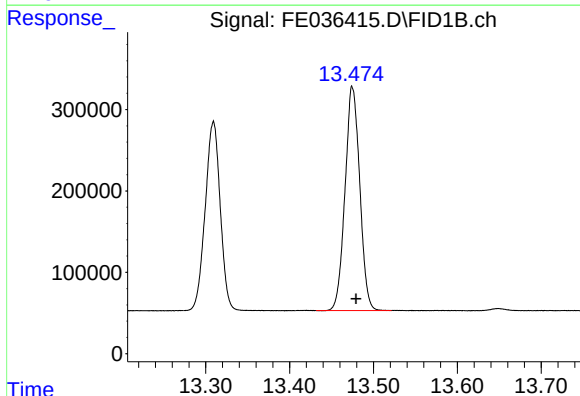
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: 0.000 min
Response: 3699615
Conc: 18.52 ug/ml



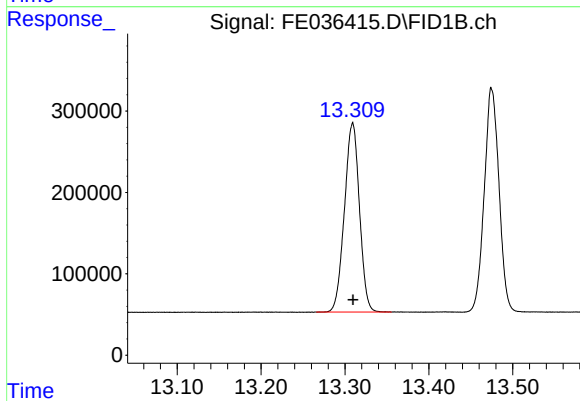
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.003 min
Response: 3402867
Conc: 18.78 ug/ml



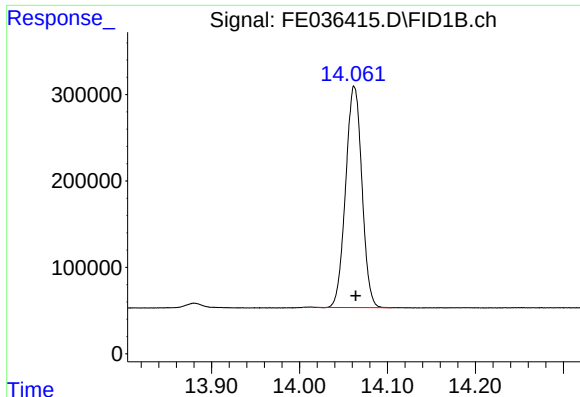
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.004 min
Response: 3358583
Conc: 18.70 ug/ml



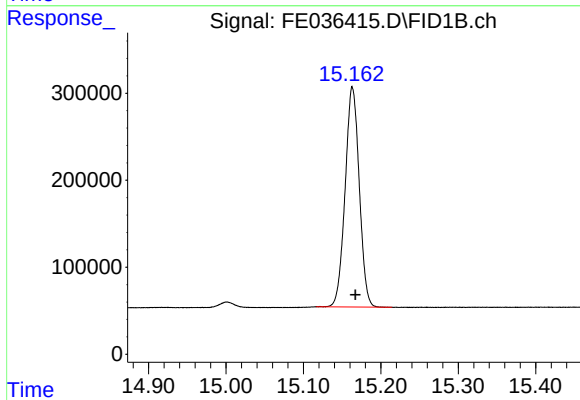
#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 2894188
Conc: 18.69 ug/ml



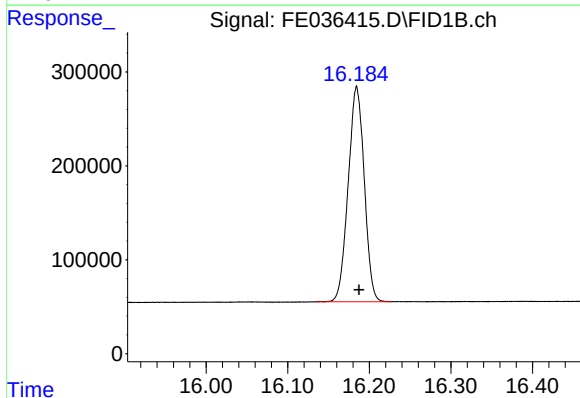
#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.002 min
Response: 3296575
Conc: 18.65 ug/ml



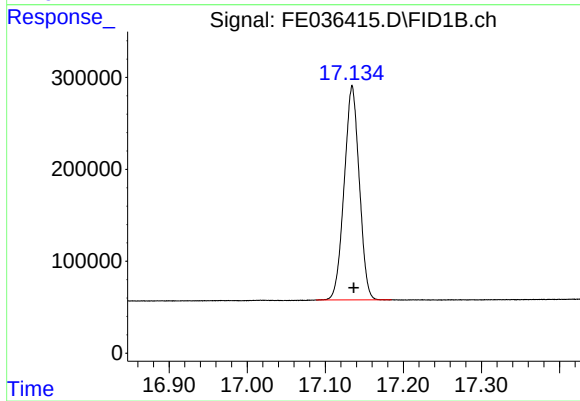
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.004 min
Response: 3210148
Conc: 18.74 ug/ml



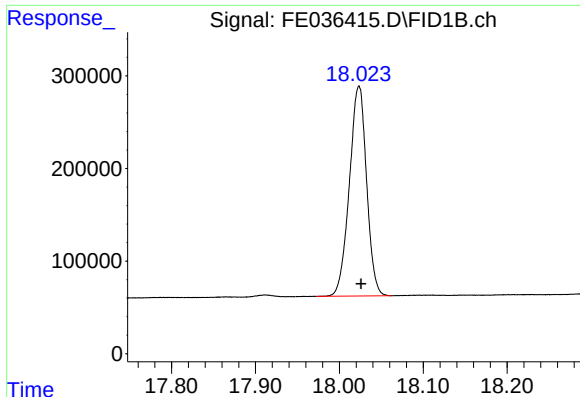
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.003 min
Response: 3134201
Conc: 18.97 ug/ml



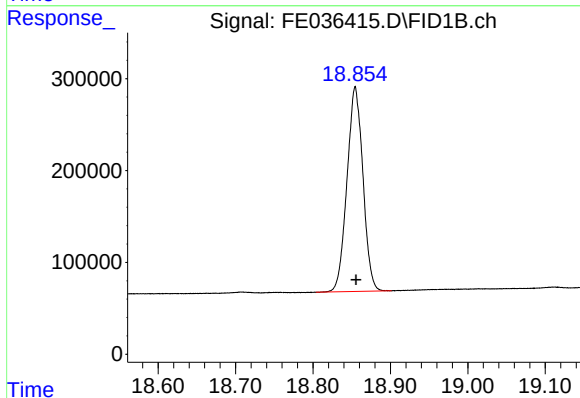
#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.002 min
Response: 3127697
Conc: 19.54 ug/ml



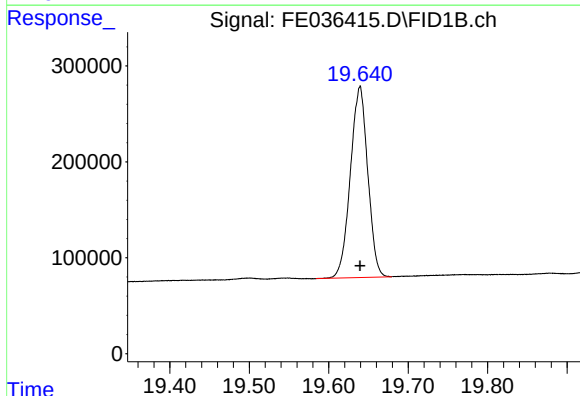
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.002 min
Response: 3228716
Conc: 20.85 ug/ml



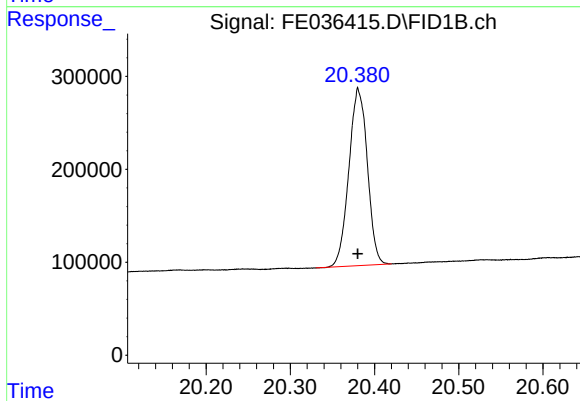
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.001 min
Response: 3190281
Conc: 21.83 ug/ml



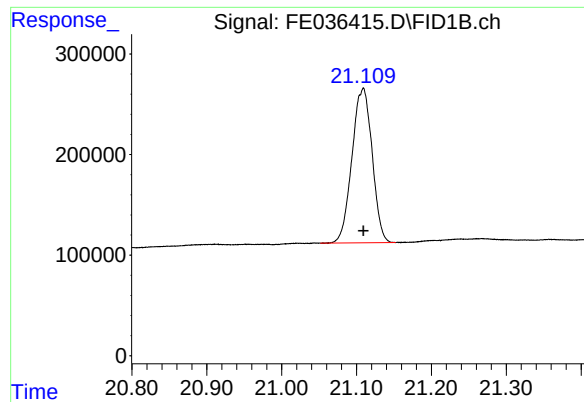
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 3030911
Conc: 21.90 ug/ml



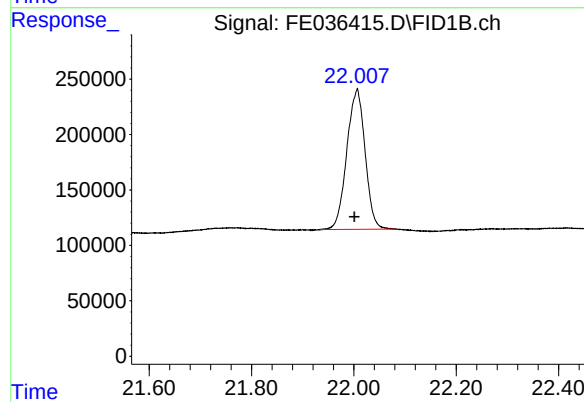
#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: 0.000 min
Response: 2905384
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: 0.000 min
Response: 2874741
Conc: 21.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.005 min
Response: 3129947
Conc: 22.38 ug/ml