

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072122AL\
 Data File : FE036624.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2022 14:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 22 02:08:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.853	3363134	18.057 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.293	2689997	17.680 ug/ml
Spiked Amount 50.000		Recovery =	35.36%
Target Compounds			
1) T n-Nonane (C9)	3.239	3022494	19.607 ug/ml
2) T n-Decane (C10)	4.493	3050760	19.791 ug/ml
3) T A~Naphthalene (C11.7)	6.196	3380879	19.784 ug/ml
4) T n-Dodecane (C12)	6.663	3102062	19.751 ug/ml
5) T A~2-methylnaphthalene...	7.293	3385500	19.698 ug/ml
6) T n-Tetradecane (C14)	8.491	3183774	19.502 ug/ml
7) T n-Hexadecane (C16)	10.097	3141365	19.059 ug/ml
8) T n-Octadecane (C18)	11.540	3148114	18.524 ug/ml
10) T n-Eicosane (C20)	12.849	3058736	17.982 ug/ml
11) T n-Heneicosane (C21)	13.462	3034730	17.731 ug/ml
13) T n-Docosane (C22)	14.047	2995585	17.545 ug/ml
14) T n-Tetracosane (C24)	15.150	2935398	17.220 ug/ml
15) T n-Hexacosane (C26)	16.173	2820273	16.869 ug/ml
16) T n-Octacosane (C28)	17.123	2757944	16.886 ug/ml
17) T n-Tricontane (C30)	18.010	2610215	17.177 ug/ml
18) T n-Dotriacontane (C32)	18.844	2136506	17.764 ug/ml
19) T n-Tetratriacontane (C34)	19.627	1539859	18.491 ug/mlm
20) T n-Hexatriacontane (C36)	20.368	1173402	19.984 ug/mlm
21) T n-Octatriacontane (C38)	21.090	977006	19.486 ug/mlm
22) T n-Tetracontane (C40)	21.983	1001165	19.387 ug/ml

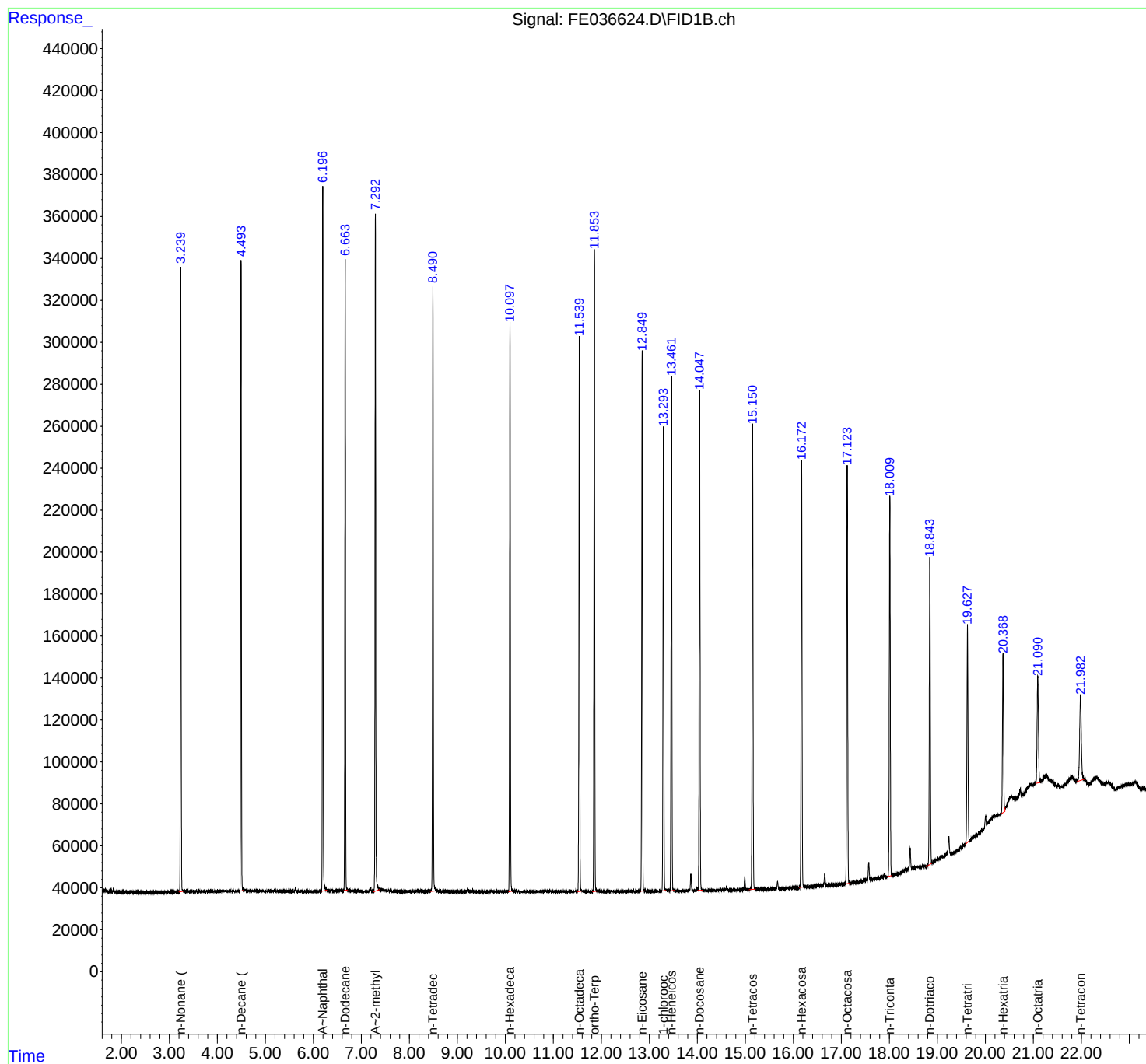
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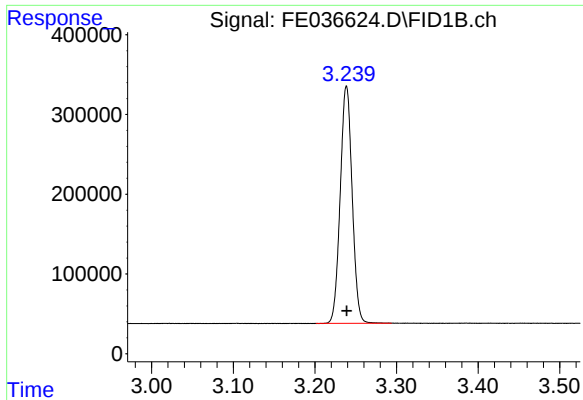
(m)=manual int.

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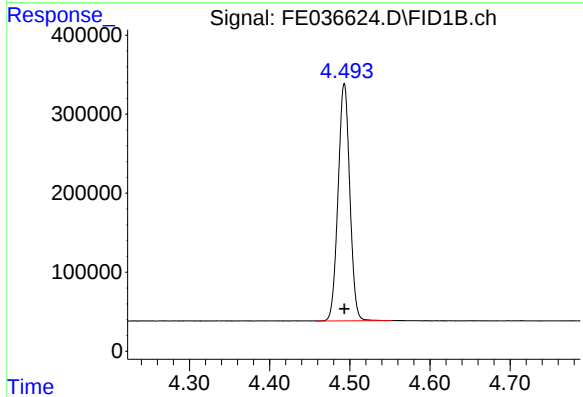
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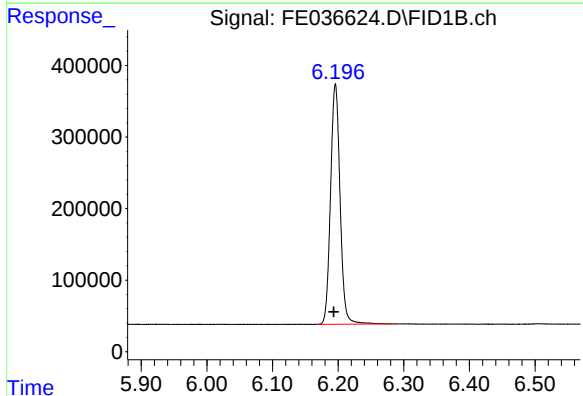
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 3022494
Conc: 19.61 ug/ml



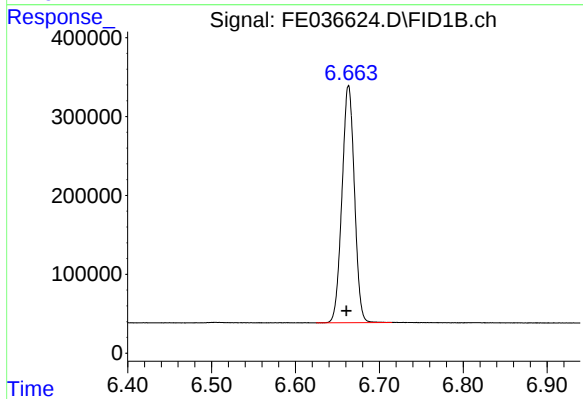
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 3050760
Conc: 19.79 ug/ml



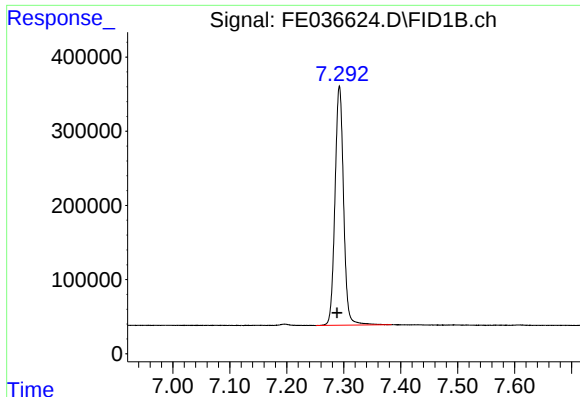
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 3380879
Conc: 19.78 ug/ml



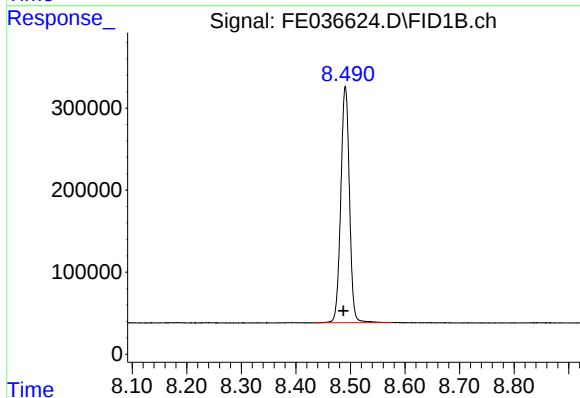
#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: 0.003 min
Response: 3102062
Conc: 19.75 ug/ml



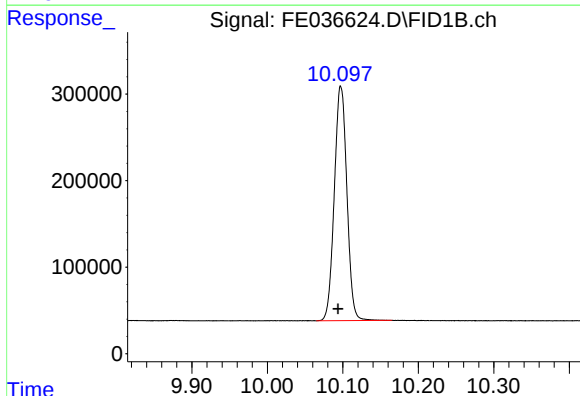
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: 0.004 min
Response: 3385500
Conc: 19.70 ug/ml



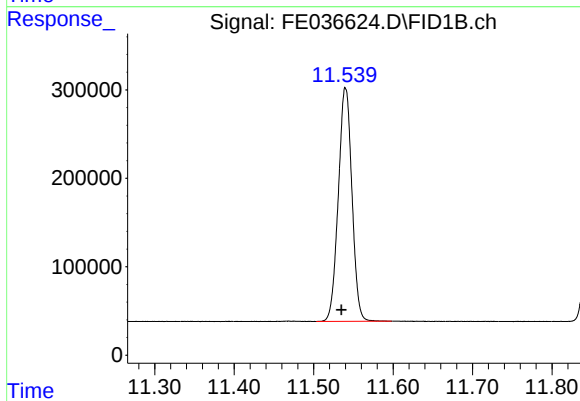
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: 0.003 min
Response: 3183774
Conc: 19.50 ug/ml



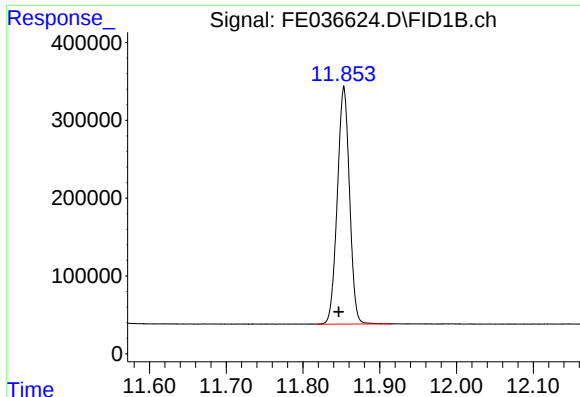
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: 0.004 min
Response: 3141365
Conc: 19.06 ug/ml



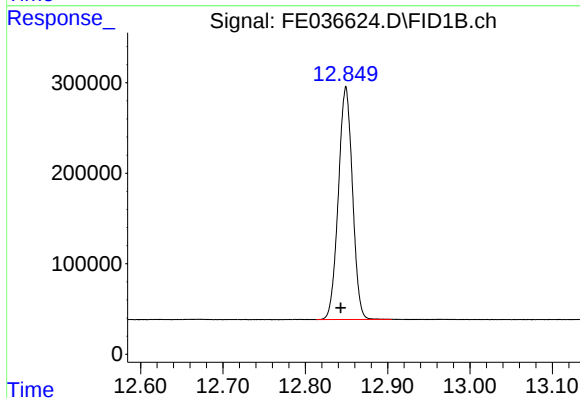
#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: 0.005 min
Response: 3148114
Conc: 18.52 ug/ml



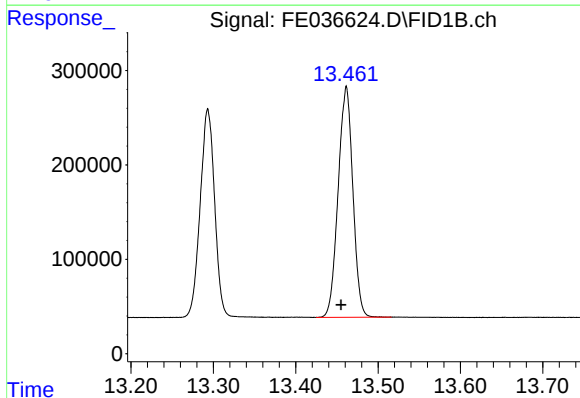
#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: 0.007 min
Response: 3363134
Conc: 18.06 ug/ml



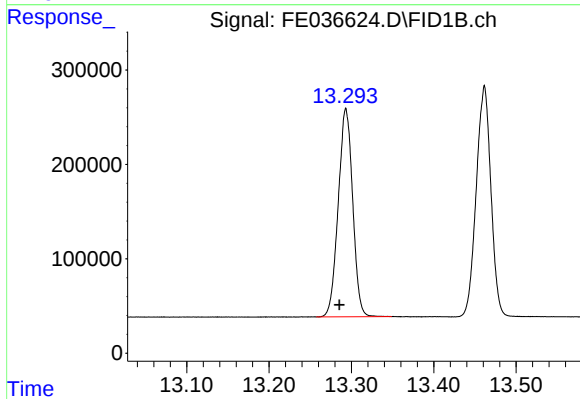
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.006 min
Response: 3058736
Conc: 17.98 ug/ml



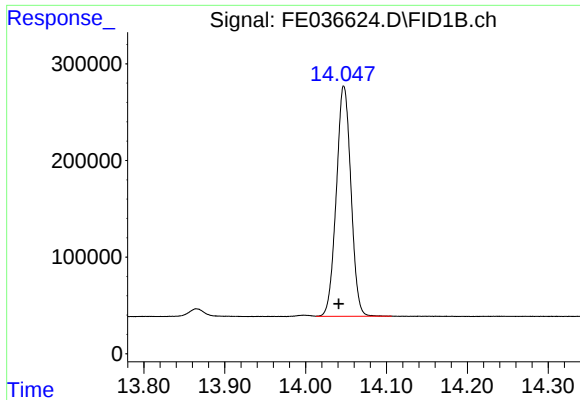
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.007 min
Response: 3034730
Conc: 17.73 ug/ml



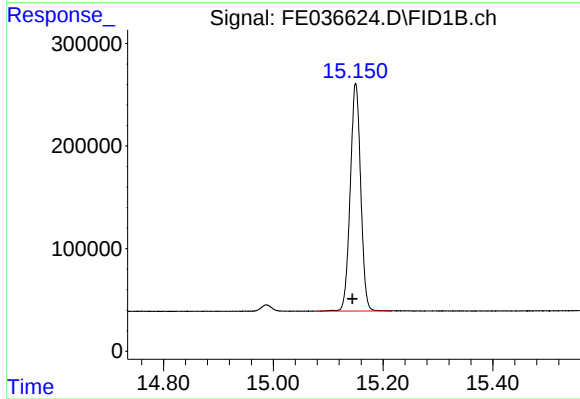
#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: 0.008 min
Response: 2689997
Conc: 17.68 ug/ml



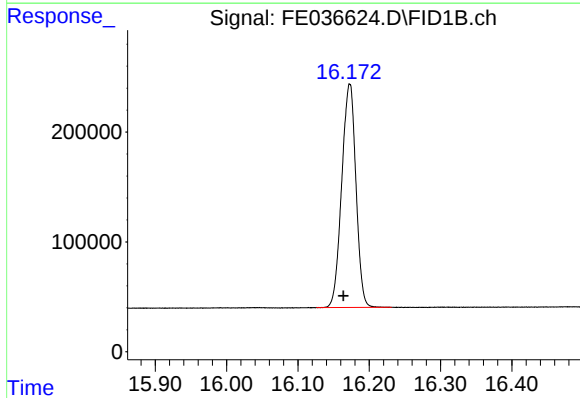
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: 0.006 min
Response: 2995585
Conc: 17.55 ug/ml



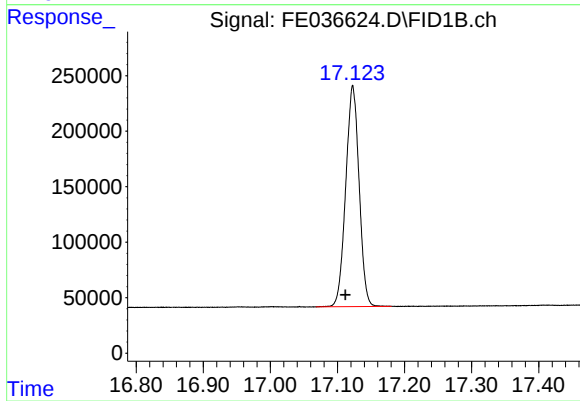
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.006 min
Response: 2935398
Conc: 17.22 ug/ml



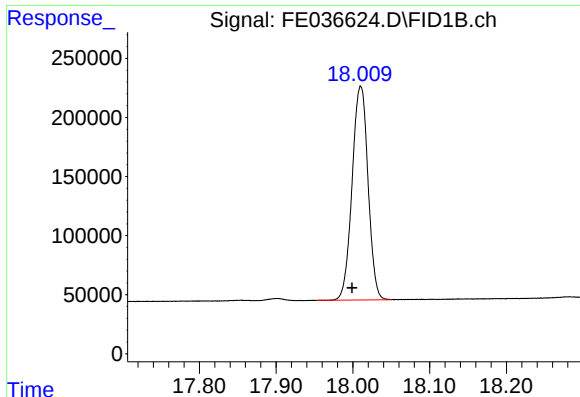
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: 0.009 min
Response: 2820273
Conc: 16.87 ug/ml



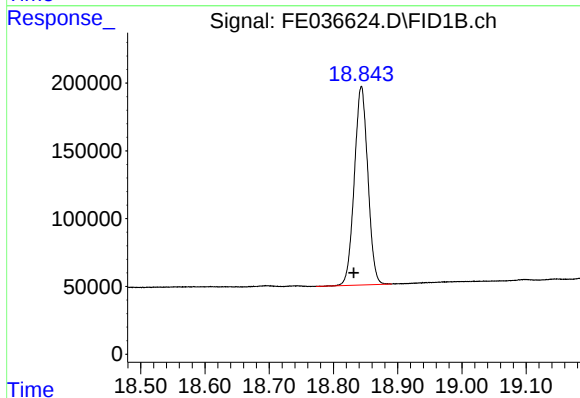
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: 0.011 min
Response: 2757944
Conc: 16.89 ug/ml



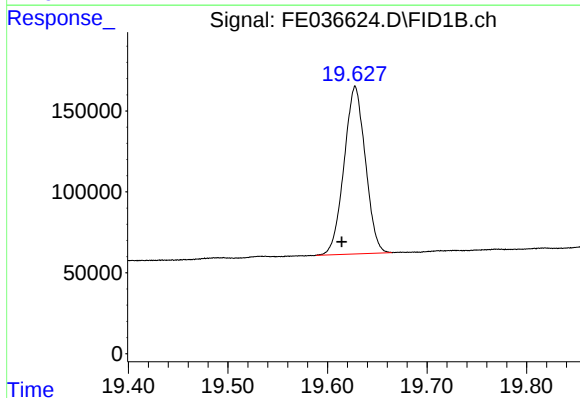
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: 0.011 min
Response: 2610215
Conc: 17.18 ug/ml



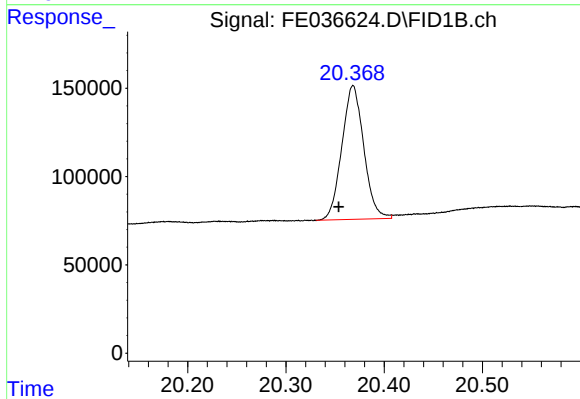
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: 0.012 min
Response: 2136506
Conc: 17.76 ug/ml



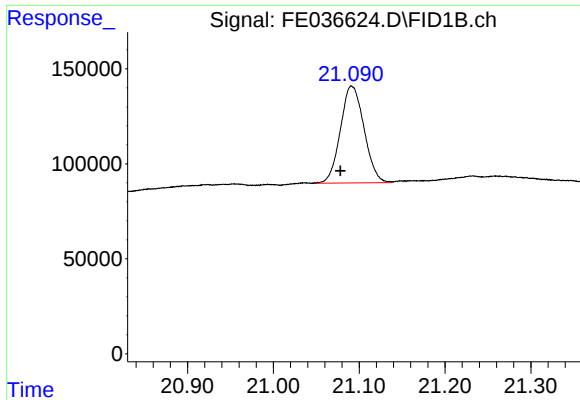
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: 0.013 min
Response: 1539859
Conc: 18.49 ug/ml m



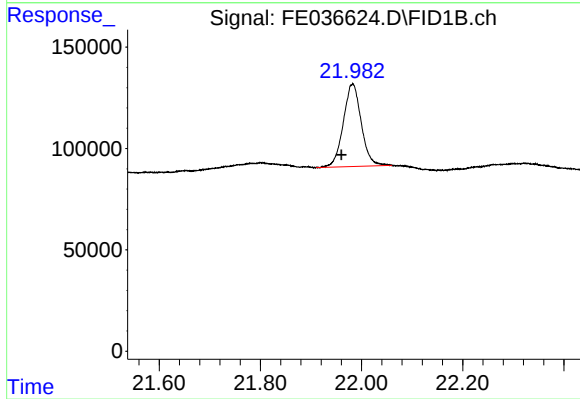
#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: 0.014 min
Response: 1173402
Conc: 19.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: 0.012 min
Response: 977006
Conc: 19.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.022 min
Response: 1001165
Conc: 19.39 ug/ml