

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080522AL\
 Data File : FE036913.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2022 04:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 08:22:36 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)	11.833	3338287	17.924 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
12) S 1-chlorooctadecane (S...	13.272	2611240	17.163 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
Target Compounds			
1) T n-Nonane (C9)	3.223	3043658	19.744 ug/ml
2) T n-Decane (C10)	4.478	3067526	19.900 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3352460	19.618 ug/ml
4) T n-Dodecane (C12)	6.646	3122500	19.881 ug/ml
5) T A~2-methylnaphthalene...	7.275	3313994	19.282 ug/ml
6) T n-Tetradecane (C14)	8.472	3142837	19.251 ug/ml
7) T n-Hexadecane (C16)	10.078	3101165	18.815 ug/ml
8) T n-Octadecane (C18)	11.520	3096707	18.221 ug/ml
10) T n-Eicosane (C20)	12.828	3005782	17.670 ug/ml
11) T n-Heneicosane (C21)	13.439	2959840	17.294 ug/ml
13) T n-Docosane (C22)	14.025	2937635	17.206 ug/ml
14) T n-Tetracosane (C24)	15.129	2917384	17.114 ug/ml
15) T n-Hexacosane (C26)	16.151	2793451	16.708 ug/ml
16) T n-Octacosane (C28)	17.100	2789880	17.082 ug/ml
17) T n-Tricontane (C30)	17.988	2717729	17.885 ug/ml
18) T n-Dotriacontane (C32)	18.821	2325102	19.332 ug/ml
19) T n-Tetratriacontane (C34)	19.604	1741193	20.909 ug/ml
20) T n-Hexatriacontane (C36)	20.346	1307126	22.261 ug/mlm
21) T n-Octatriacontane (C38)	21.068	1102861	21.997 ug/mlm
22) T n-Tetracontane (C40)	21.950	1052060	20.372 ug/ml

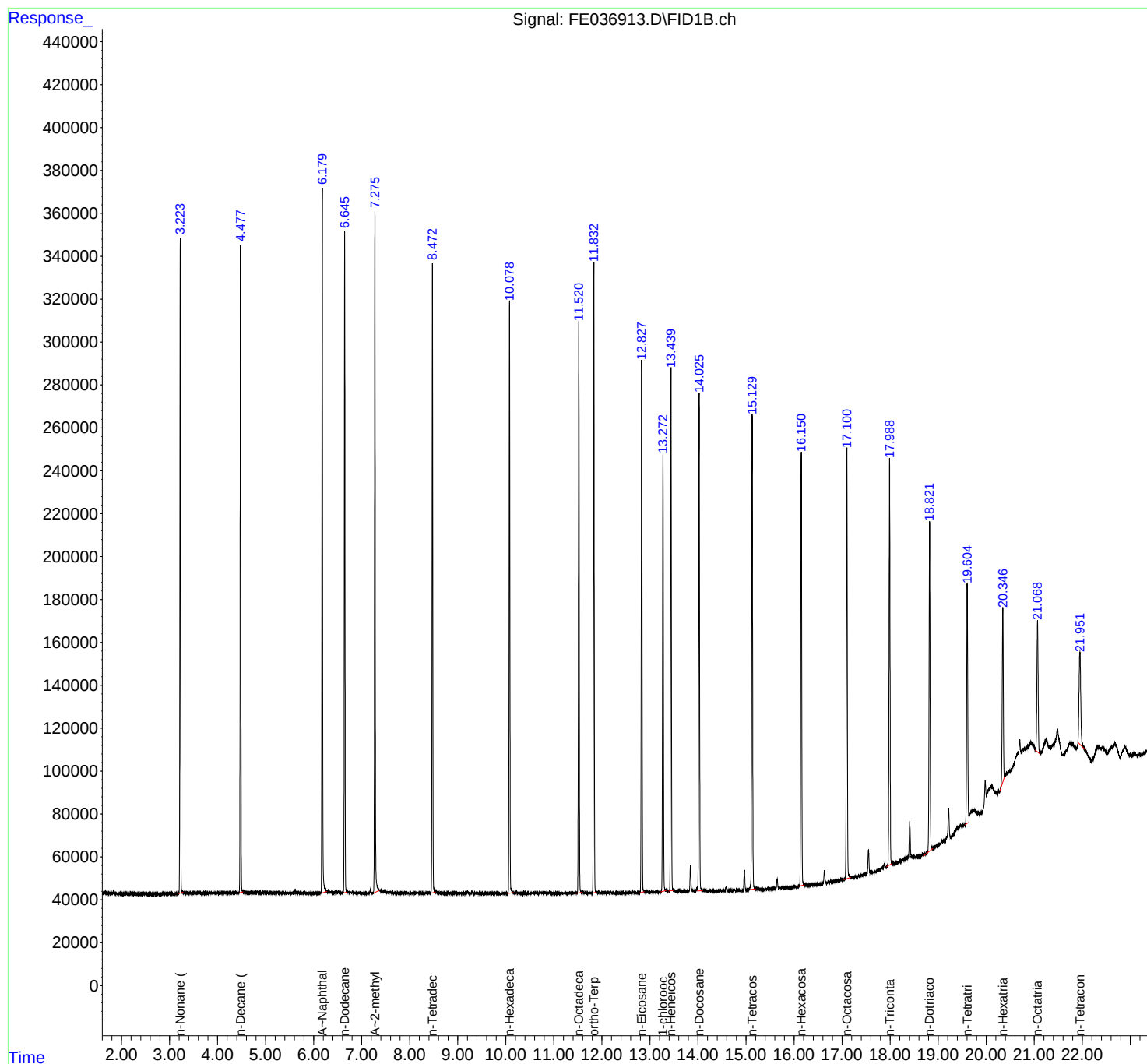
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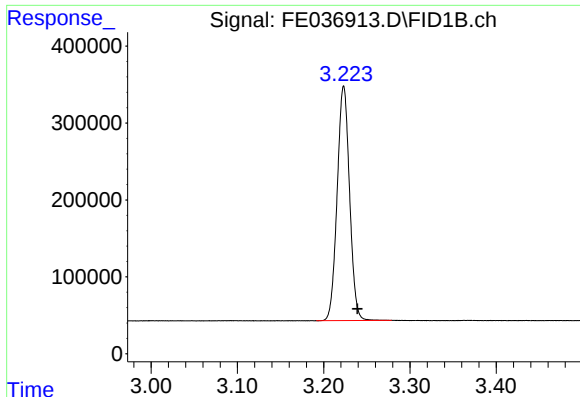
(m)=manual int.

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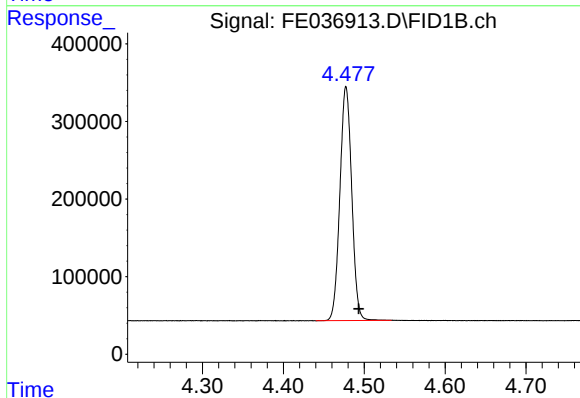
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Signal Info : 20M x 0.18mm x 0.18um





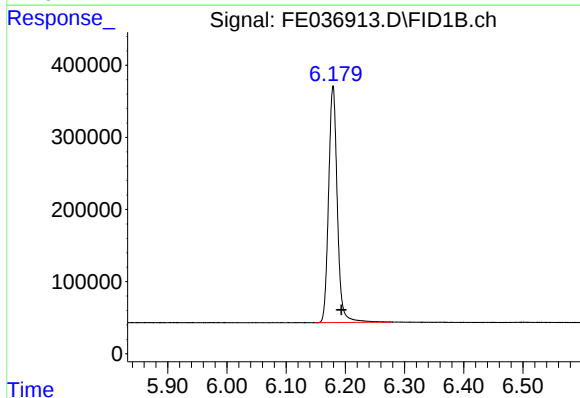
#1 n-Nonane (C9)

R.T.: 3.223 min
Delta R.T.: -0.016 min
Response: 3043658
Conc: 19.74 ug/ml



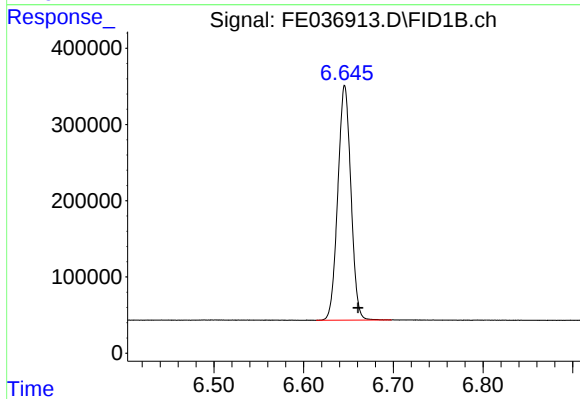
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.016 min
Response: 3067526
Conc: 19.90 ug/ml



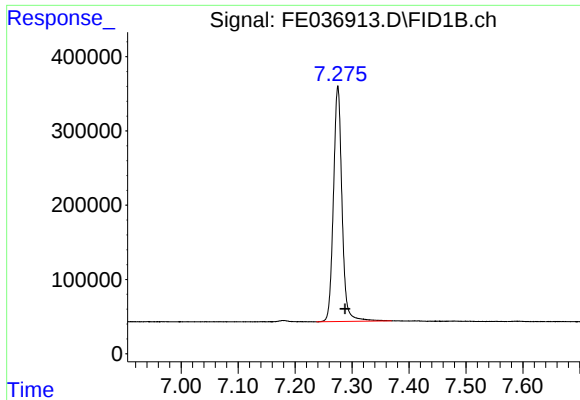
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 3352460
Conc: 19.62 ug/ml



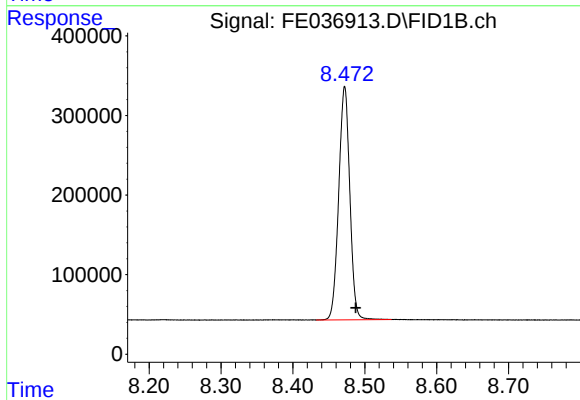
#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.015 min
Response: 3122500
Conc: 19.88 ug/ml



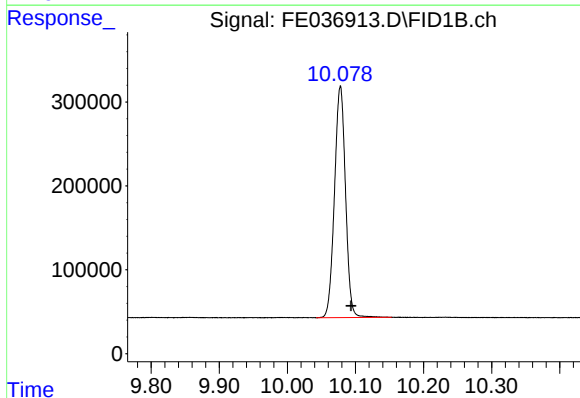
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 3313994
Conc: 19.28 ug/ml



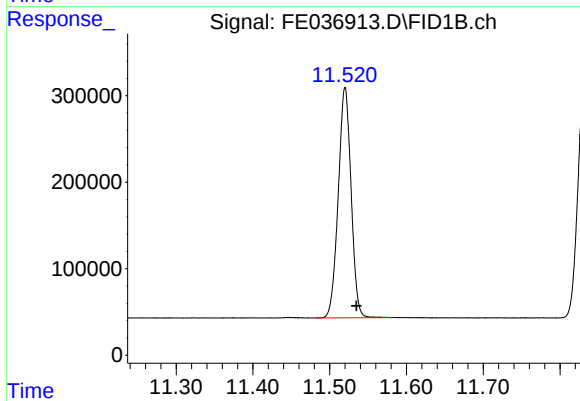
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.015 min
Response: 3142837
Conc: 19.25 ug/ml



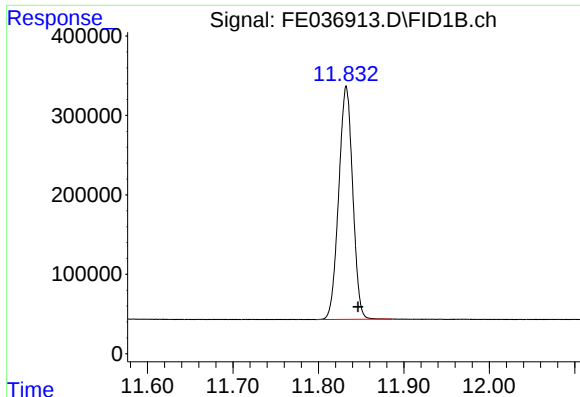
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.016 min
Response: 3101165
Conc: 18.81 ug/ml



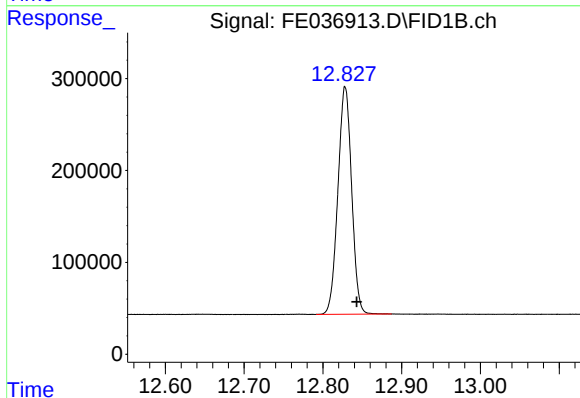
#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.015 min
Response: 3096707
Conc: 18.22 ug/ml



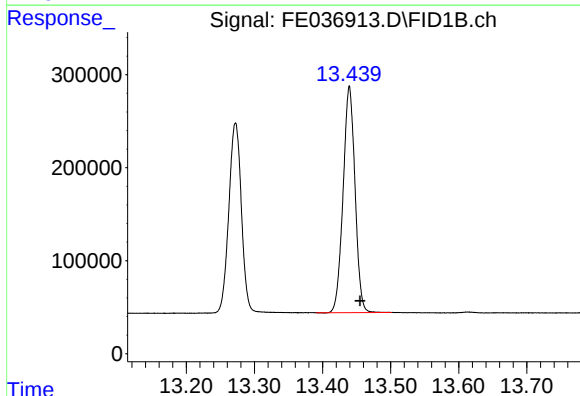
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.014 min
Response: 3338287
Conc: 17.92 ug/ml



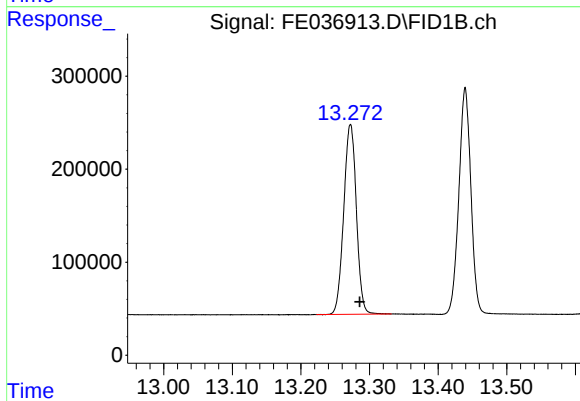
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.015 min
Response: 3005782
Conc: 17.67 ug/ml



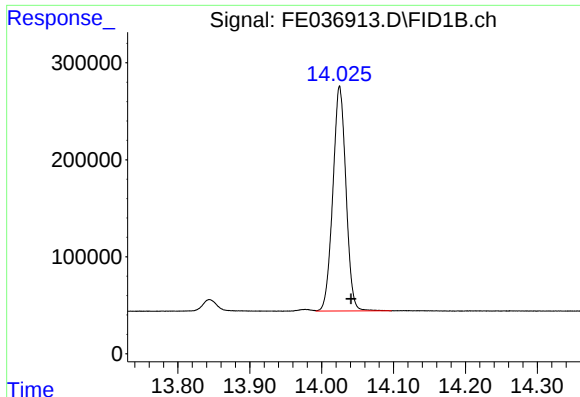
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.015 min
Response: 2959840
Conc: 17.29 ug/ml



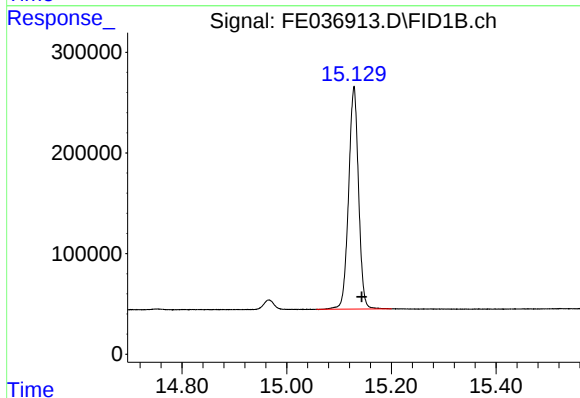
#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 2611240
Conc: 17.16 ug/ml



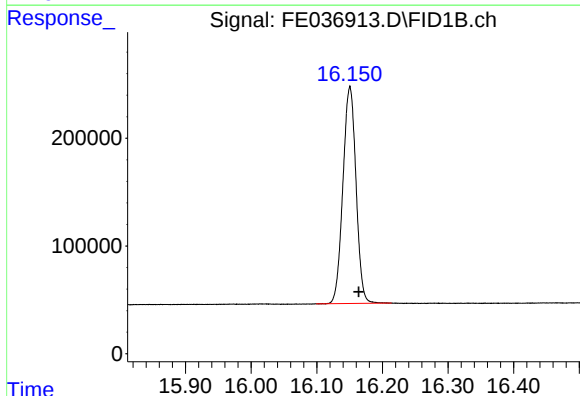
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.016 min
Response: 2937635
Conc: 17.21 ug/ml



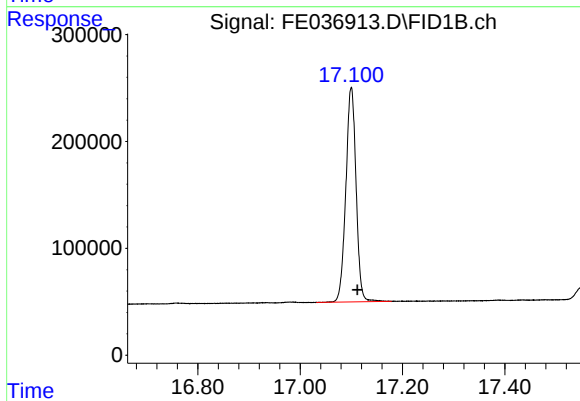
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.015 min
Response: 2917384
Conc: 17.11 ug/ml



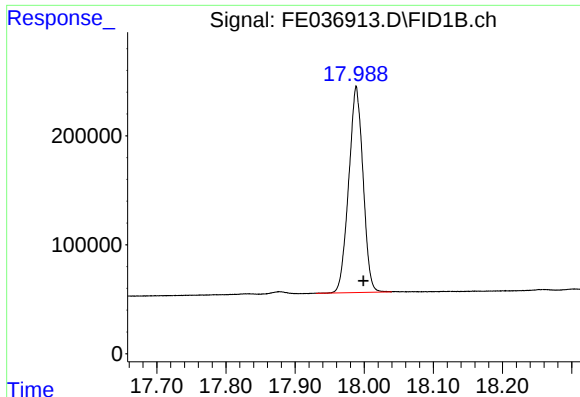
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 2793451
Conc: 16.71 ug/ml



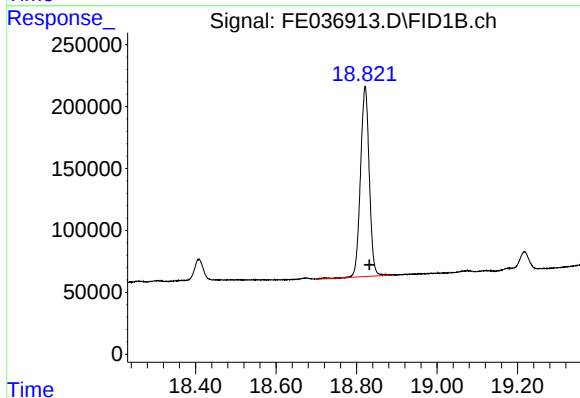
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.012 min
Response: 2789880
Conc: 17.08 ug/ml



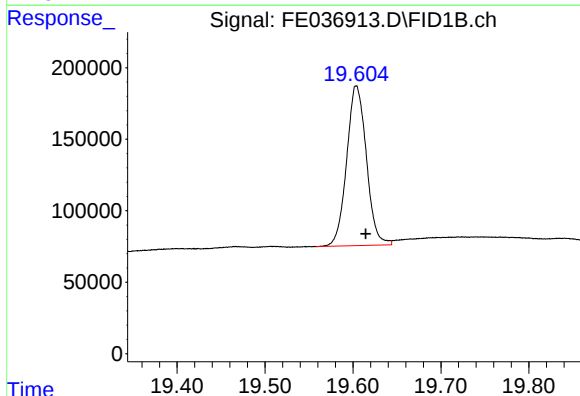
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.010 min
Response: 2717729
Conc: 17.88 ug/ml



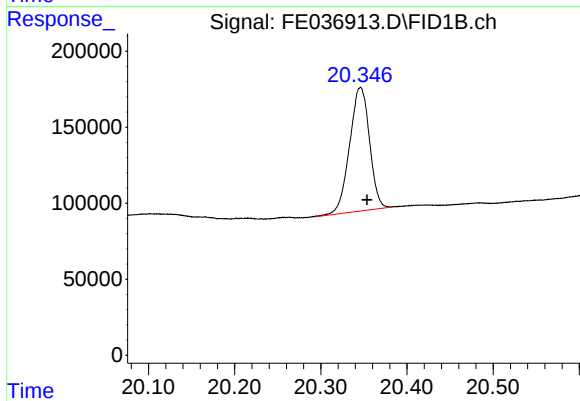
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: -0.010 min
Response: 2325102
Conc: 19.33 ug/ml



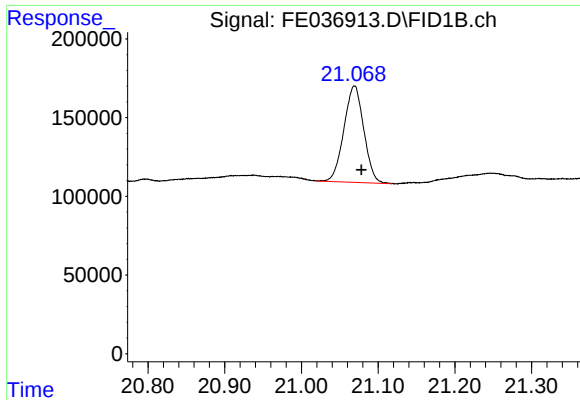
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: -0.011 min
Response: 1741193
Conc: 20.91 ug/ml



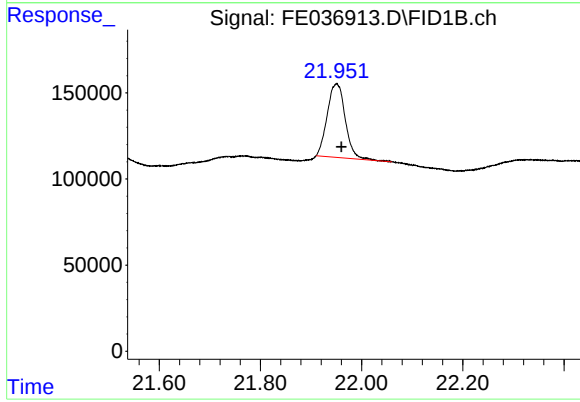
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.008 min
Response: 1307126
Conc: 22.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.068 min
Delta R.T.: -0.010 min
Response: 1102861
Conc: 22.00 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.010 min
Response: 1052060
Conc: 20.37 ug/ml