

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080922AL\
 Data File : FE036973.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2022 22:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 02:14:01 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)	11.834	3430417	18.419 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
12) S 1-chlorooctadecane (S...	13.273	2685489	17.651 ug/ml
Spiked Amount 50.000		Recovery =	35.30%
Target Compounds			
1) T n-Nonane (C9)	3.221	3166411	20.540 ug/ml
2) T n-Decane (C10)	4.476	3225217	20.923 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3505786	20.515 ug/ml
4) T n-Dodecane (C12)	6.645	3277783	20.870 ug/ml
5) T A~2-methylnaphthalene...	7.275	3474640	20.217 ug/ml
6) T n-Tetradecane (C14)	8.471	3299357	20.210 ug/ml
7) T n-Hexadecane (C16)	10.078	3214333	19.501 ug/ml
8) T n-Octadecane (C18)	11.521	3189221	18.766 ug/ml
10) T n-Eicosane (C20)	12.829	3076698	18.087 ug/ml
11) T n-Heneicosane (C21)	13.441	3040242	17.763 ug/ml
13) T n-Docosane (C22)	14.028	2989465	17.509 ug/ml
14) T n-Tetracosane (C24)	15.131	2953379	17.326 ug/ml
15) T n-Hexacosane (C26)	16.154	2846283	17.024 ug/ml
16) T n-Octacosane (C28)	17.104	2830076	17.328 ug/ml
17) T n-Tricontane (C30)	17.992	2772684	18.246 ug/ml
18) T n-Dotriacontane (C32)	18.825	2367139	19.682 ug/ml
19) T n-Tetratriacontane (C34)	19.610	1953747	23.461 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2785046	47.432 ug/ml
21) T n-Octatriacontane (C38)	21.076	1696214	33.831 ug/ml
22) T n-Tetracontane (C40)	21.955	1178177	22.814 ug/ml

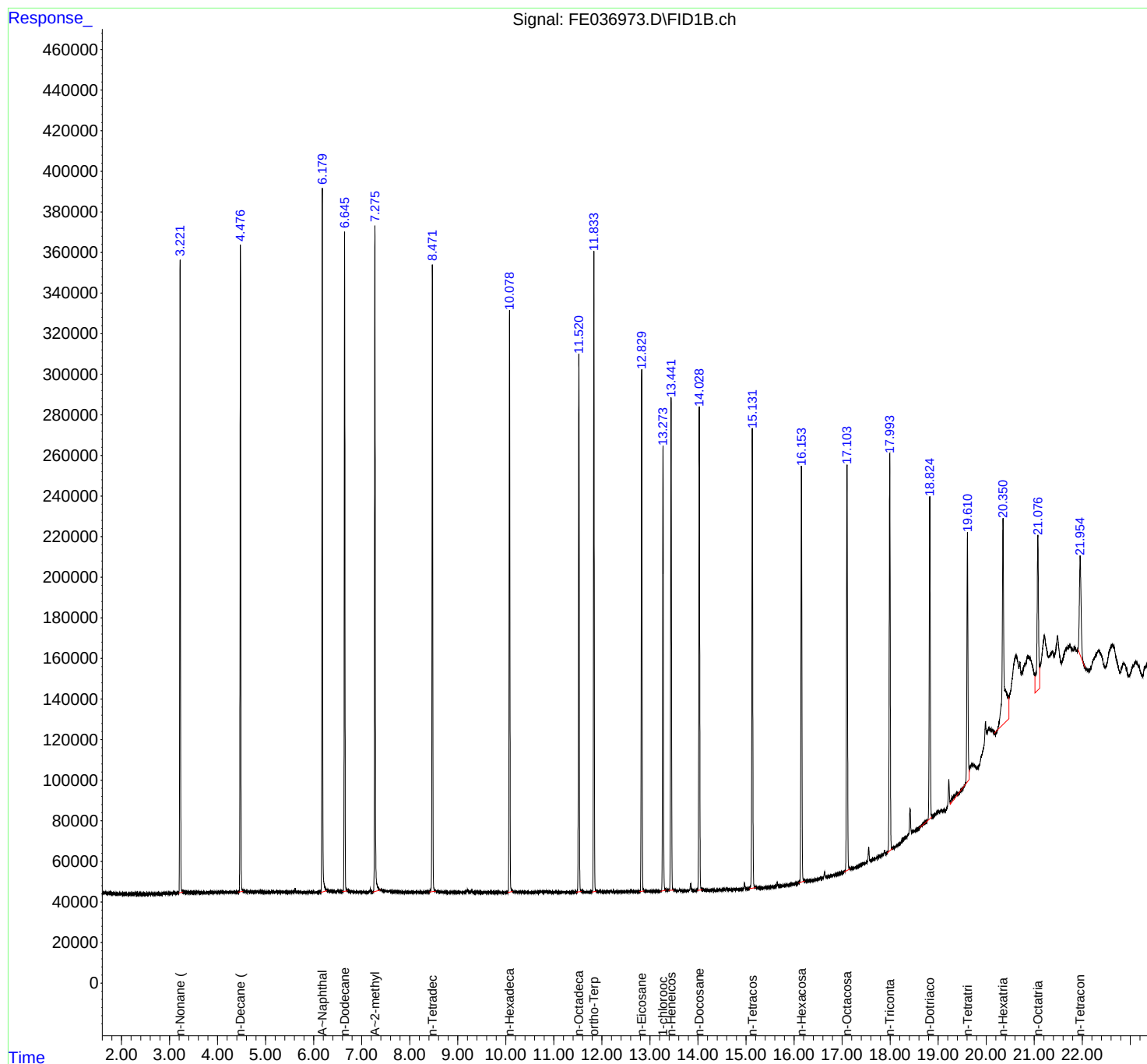
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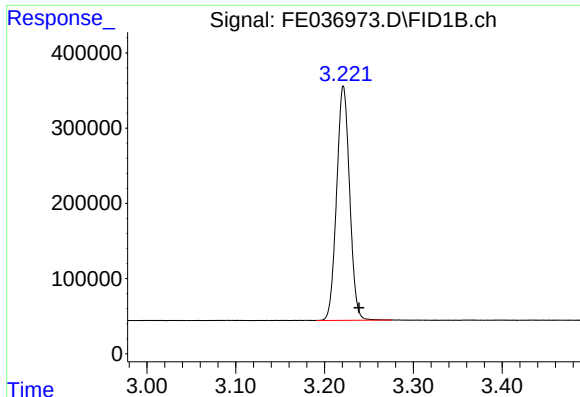
(m)=manual int.

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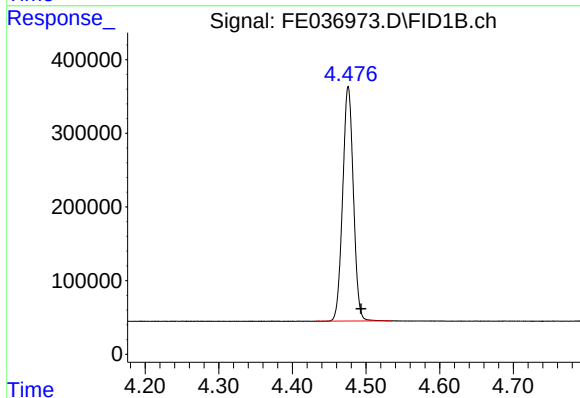
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Signal Info : 20M x 0.18mm x 0.18um





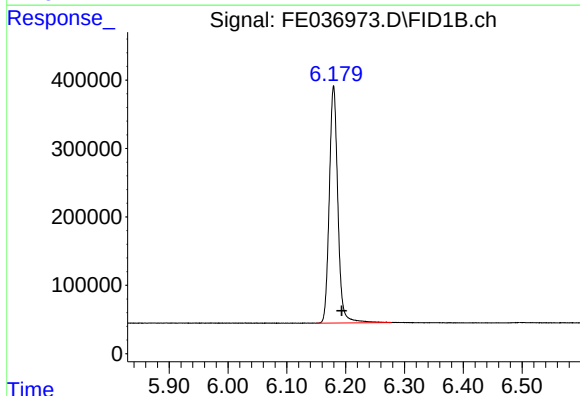
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.018 min
Response: 3166411
Conc: 20.54 ug/ml



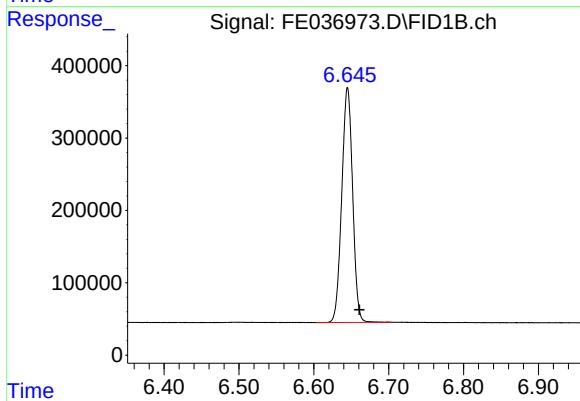
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.017 min
Response: 3225217
Conc: 20.92 ug/ml



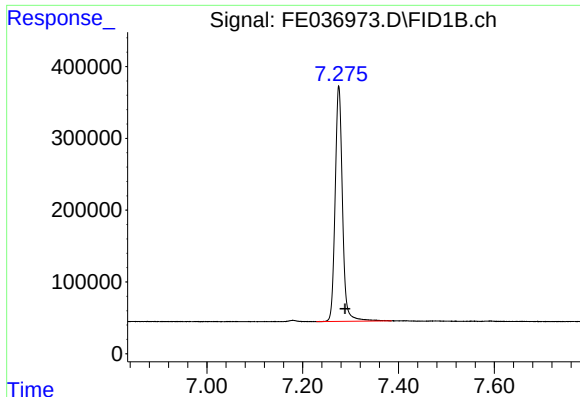
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.014 min
Response: 3505786
Conc: 20.52 ug/ml



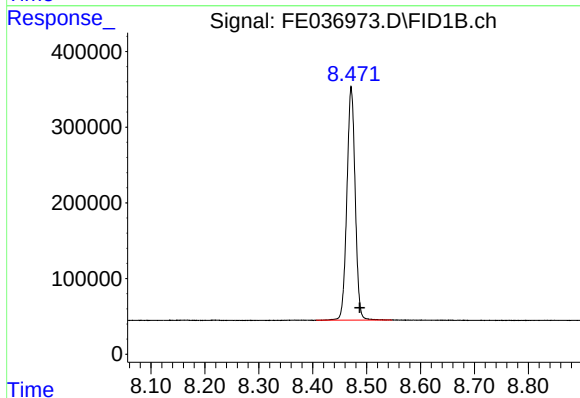
#4 n-Dodecane (C12)

R.T.: 6.645 min
Delta R.T.: -0.016 min
Response: 3277783
Conc: 20.87 ug/ml



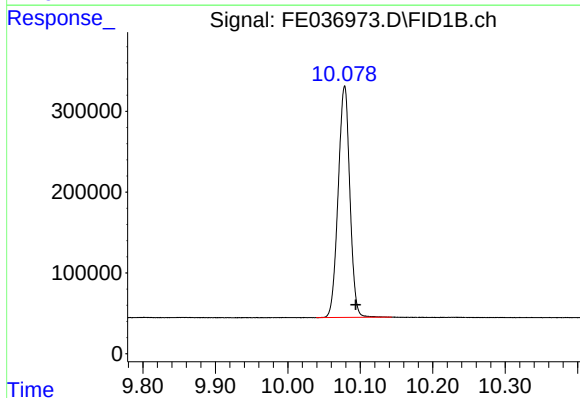
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 3474640
Conc: 20.22 ug/ml



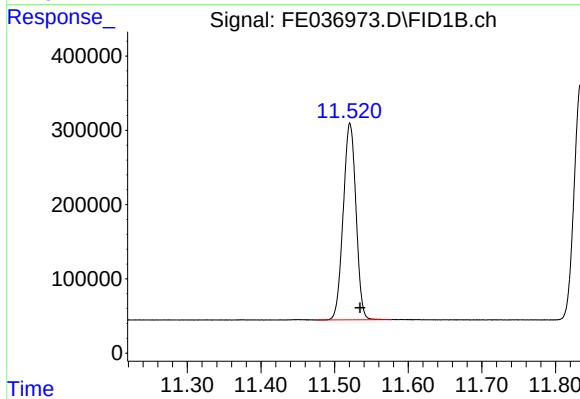
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.016 min
Response: 3299357
Conc: 20.21 ug/ml



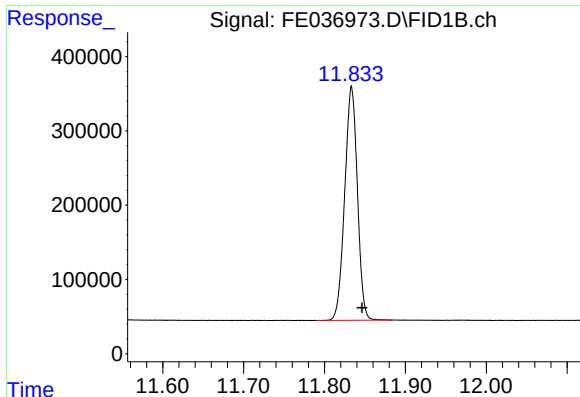
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.015 min
Response: 3214333
Conc: 19.50 ug/ml



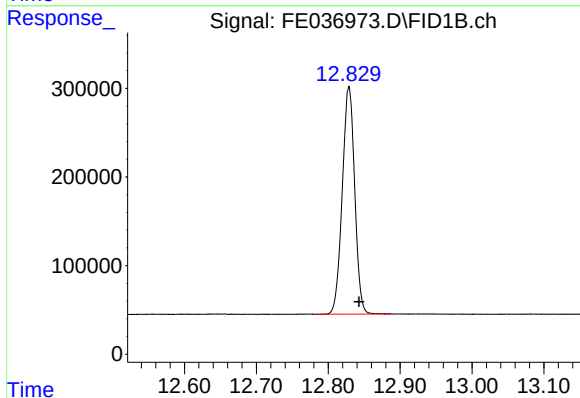
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.014 min
Response: 3189221
Conc: 18.77 ug/ml



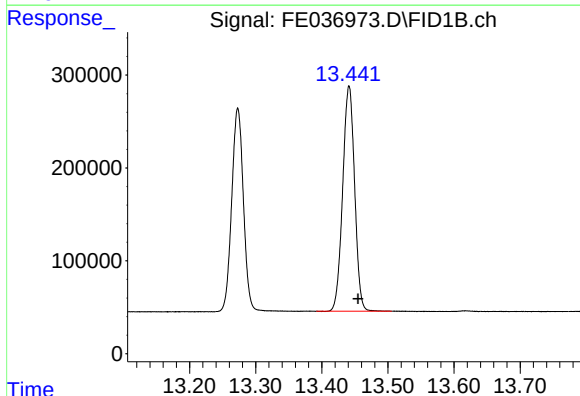
#9 ortho-Terphenyl (SURR)

R.T.: 11.834 min
Delta R.T.: -0.013 min
Response: 3430417
Conc: 18.42 ug/ml



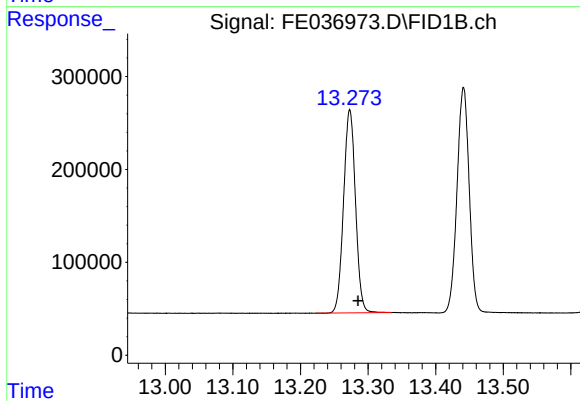
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.014 min
Response: 3076698
Conc: 18.09 ug/ml



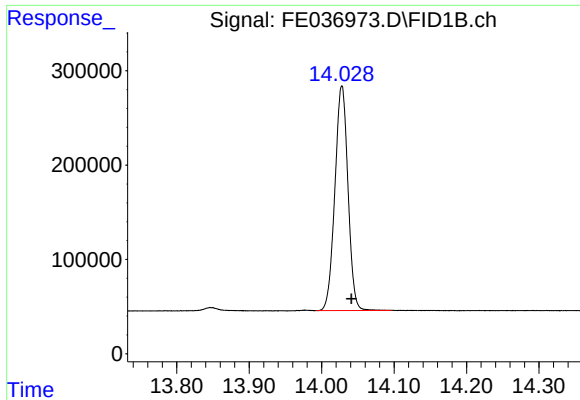
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 3040242
Conc: 17.76 ug/ml



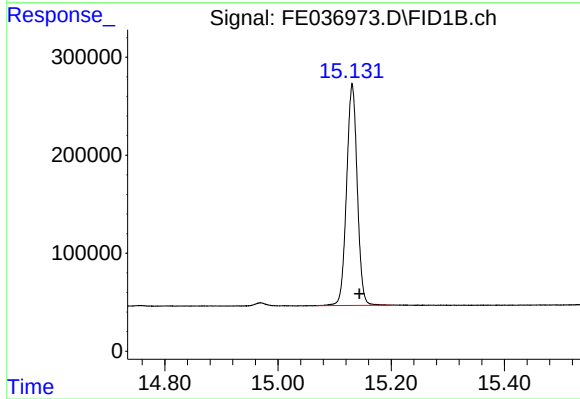
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.013 min
Response: 2685489
Conc: 17.65 ug/ml



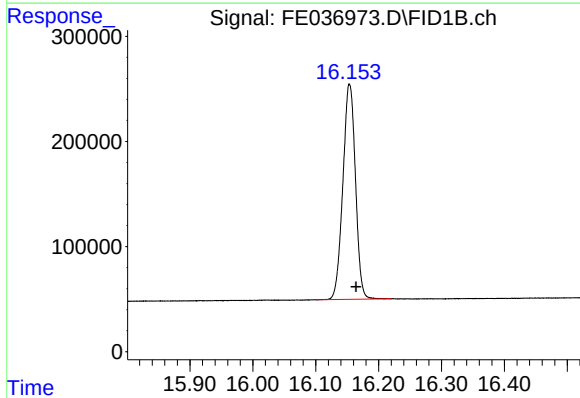
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 2989465
Conc: 17.51 ug/ml



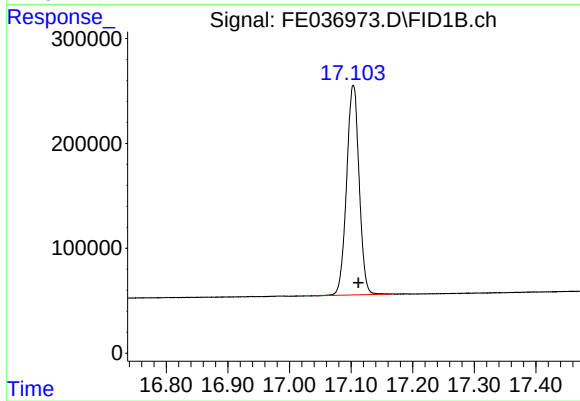
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.013 min
Response: 2953379
Conc: 17.33 ug/ml



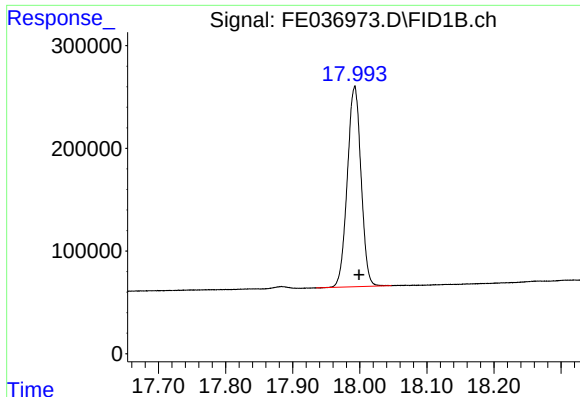
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 2846283
Conc: 17.02 ug/ml



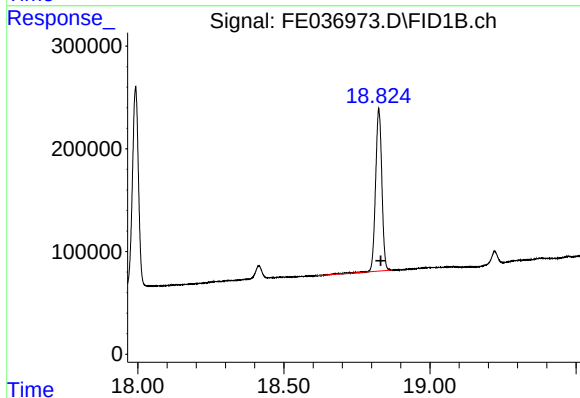
#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.008 min
Response: 2830076
Conc: 17.33 ug/ml



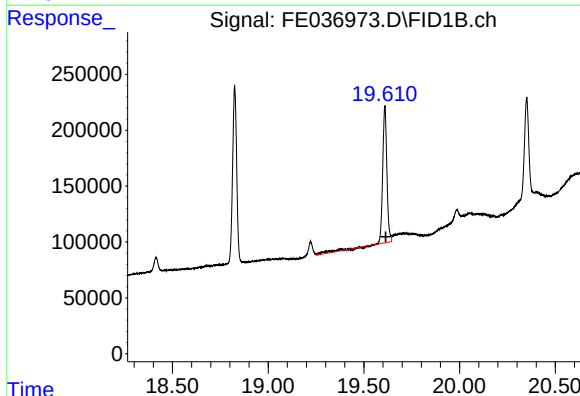
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: -0.006 min
Response: 2772684
Conc: 18.25 ug/ml



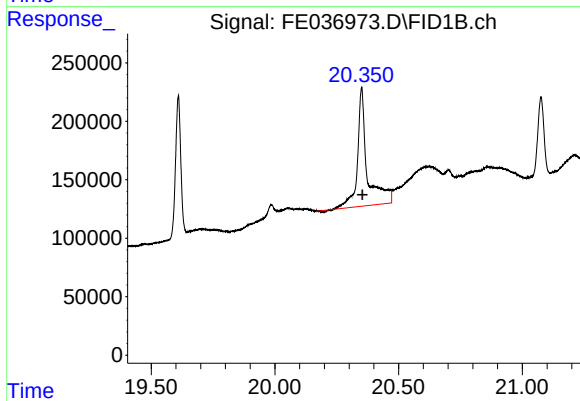
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.007 min
Response: 2367139
Conc: 19.68 ug/ml



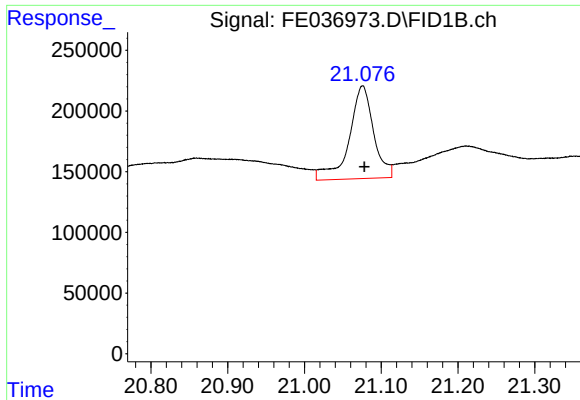
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.005 min
Response: 1953747
Conc: 23.46 ug/ml



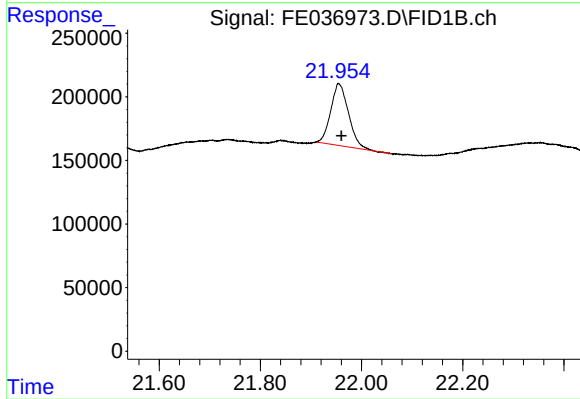
#20 n-Hexatriacontane (C36)

R.T.: 20.350 min
Delta R.T.: -0.003 min
Response: 2785046
Conc: 47.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.003 min
Response: 1696214
Conc: 33.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.005 min
Response: 1178177
Conc: 22.81 ug/ml