

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080822AL\
 Data File : FE036922.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2022 11:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 08 14:14:47 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	3067946	16.472 ug/ml
Spiked Amount 50.000		Recovery =	32.94%
12) S 1-chlorooctadecane (S...	13.273	2408770	15.832 ug/ml
Spiked Amount 50.000		Recovery =	31.66%
Target Compounds			
1) T n-Nonane (C9)	3.223	2796919	18.143 ug/ml
2) T n-Decane (C10)	4.476	2834684	18.389 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3072647	17.981 ug/ml
4) T n-Dodecane (C12)	6.645	2883684	18.361 ug/ml
5) T A~2-methylnaphthalene...	7.276	3045272	17.719 ug/ml
6) T n-Tetradecane (C14)	8.472	2907732	17.811 ug/ml
7) T n-Hexadecane (C16)	10.078	2863626	17.374 ug/ml
8) T n-Octadecane (C18)	11.521	2865662	16.862 ug/ml
10) T n-Eicosane (C20)	12.829	2804219	16.486 ug/ml
11) T n-Heneicosane (C21)	13.441	2743827	16.031 ug/ml
13) T n-Docosane (C22)	14.028	2821898	16.528 ug/ml
14) T n-Tetracosane (C24)	15.131	2923989	17.153 ug/ml
15) T n-Hexacosane (C26)	16.152	2944314	17.611 ug/ml
16) T n-Octacosane (C28)	17.103	3056851	18.716 ug/ml
17) T n-Tricontane (C30)	17.990	2989084	19.670 ug/ml
18) T n-Dotriacontane (C32)	18.824	2484704	20.659 ug/ml
19) T n-Tetratriacontane (C34)	19.607	1801887	21.637 ug/ml
20) T n-Hexatriacontane (C36)	20.345	1303164	22.194 ug/mlm
21) T n-Octatriacontane (C38)	21.071	1119664	22.332 ug/mlm
22) T n-Tetracontane (C40)	21.954	1149880	22.266 ug/mlm

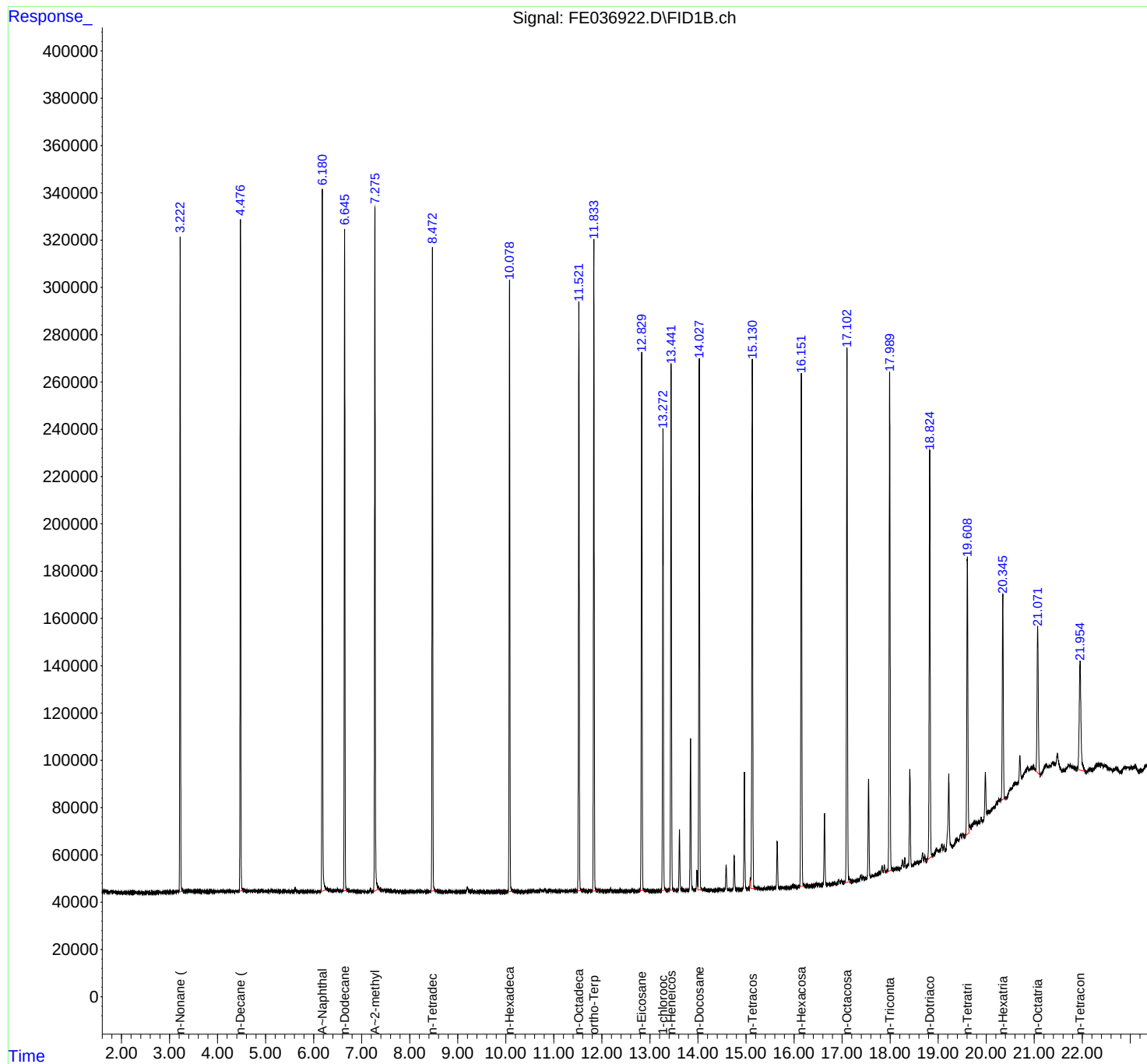
(f)=RT Delta > 1/2 Window

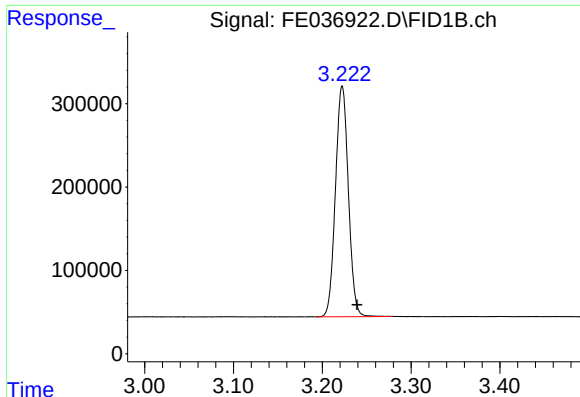
(m)=manual int.

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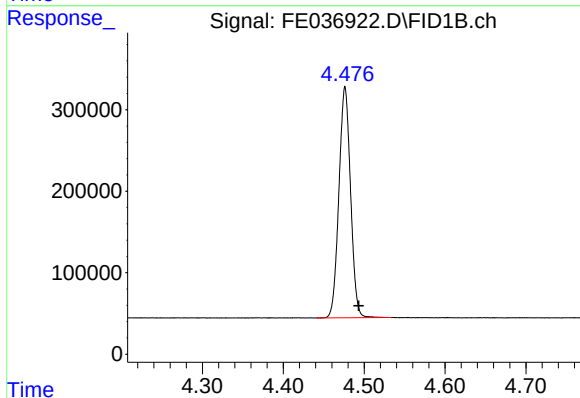
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Signal Info : 20M x 0.18mm x 0.18um





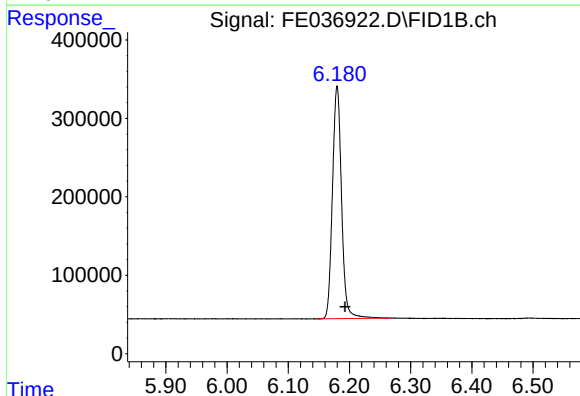
#1 n-Nonane (C9)

R.T.: 3.223 min
Delta R.T.: -0.016 min
Response: 2796919
Conc: 18.14 ug/ml



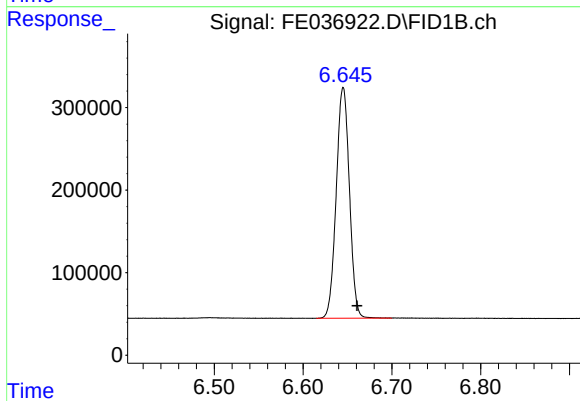
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.017 min
Response: 2834684
Conc: 18.39 ug/ml



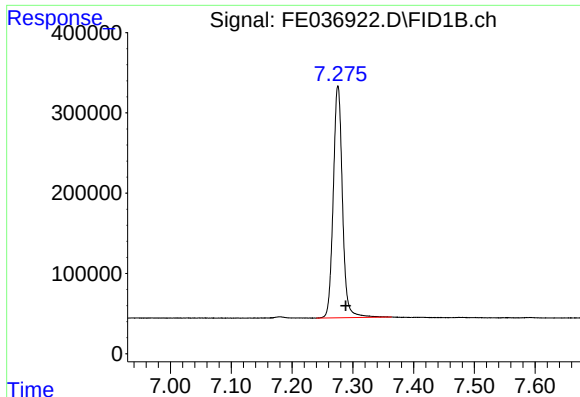
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 3072647
Conc: 17.98 ug/ml



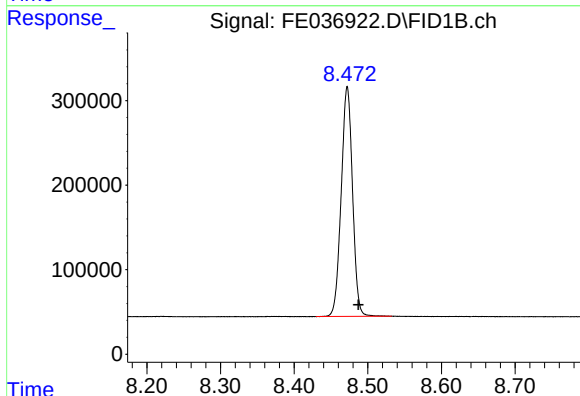
#4 n-Dodecane (C12)

R.T.: 6.645 min
Delta R.T.: -0.015 min
Response: 2883684
Conc: 18.36 ug/ml



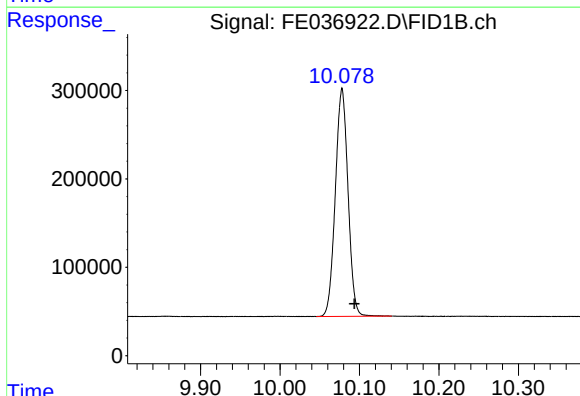
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.013 min
Response: 3045272
Conc: 17.72 ug/ml



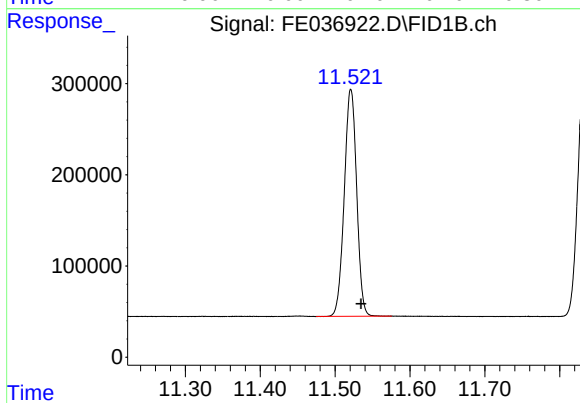
#6 n-Tetradecane (C14)

R.T.: 8.472 min
Delta R.T.: -0.015 min
Response: 2907732
Conc: 17.81 ug/ml



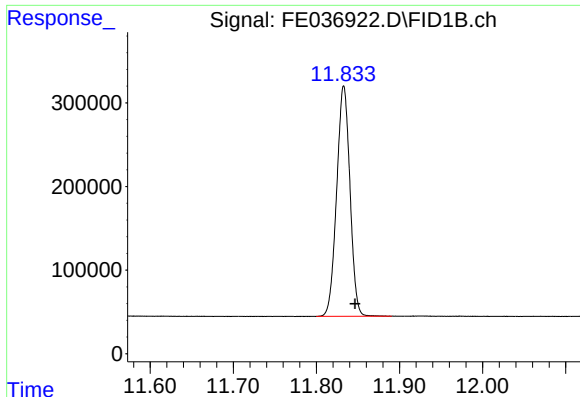
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.016 min
Response: 2863626
Conc: 17.37 ug/ml



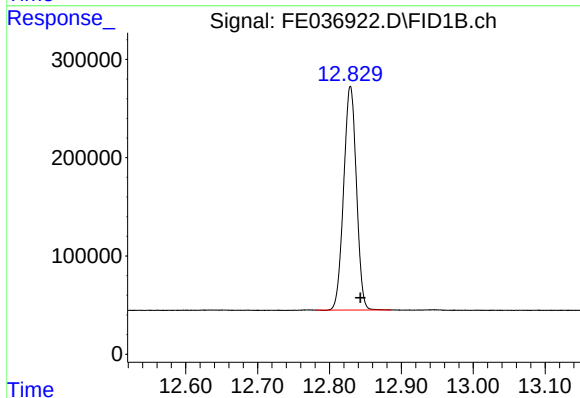
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.014 min
Response: 2865662
Conc: 16.86 ug/ml



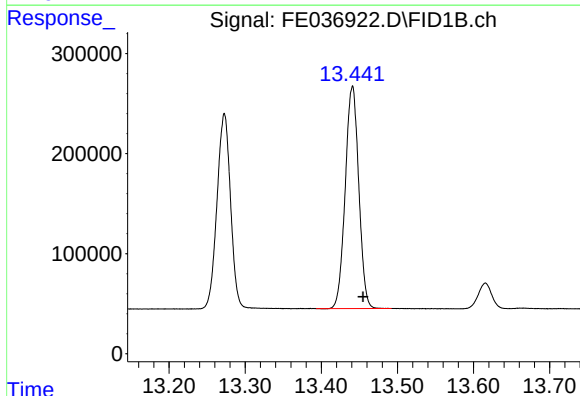
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.014 min
Response: 3067946
Conc: 16.47 ug/ml



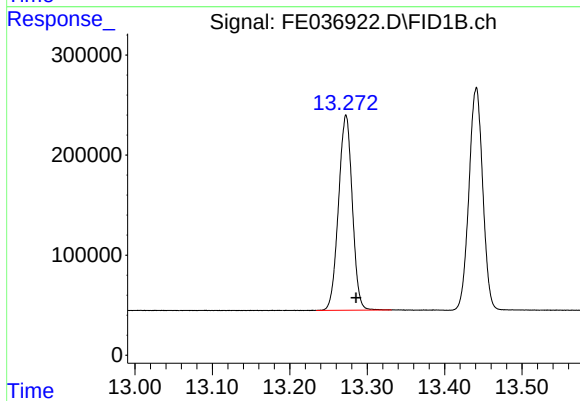
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.014 min
Response: 2804219
Conc: 16.49 ug/ml



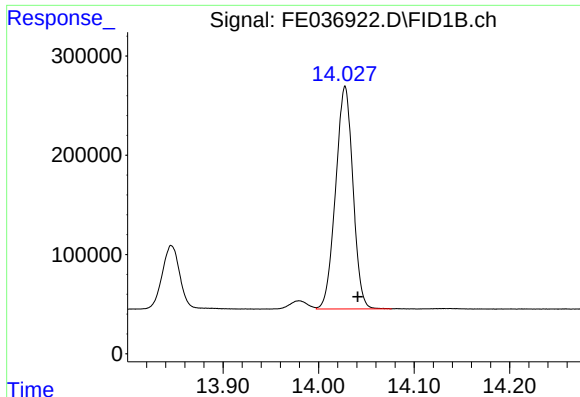
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 2743827
Conc: 16.03 ug/ml



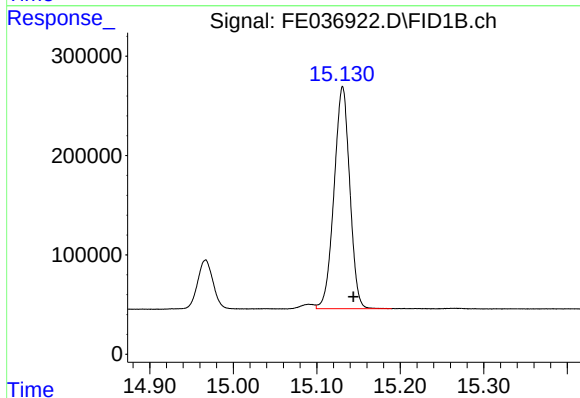
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.013 min
Response: 2408770
Conc: 15.83 ug/ml



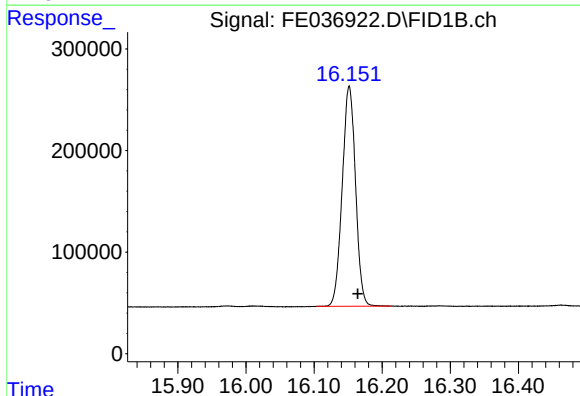
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 2821898
Conc: 16.53 ug/ml



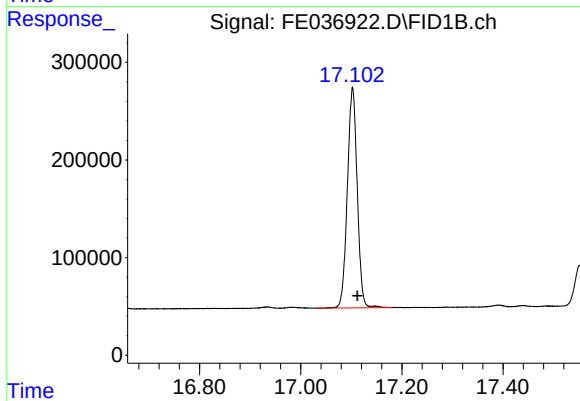
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.013 min
Response: 2923989
Conc: 17.15 ug/ml



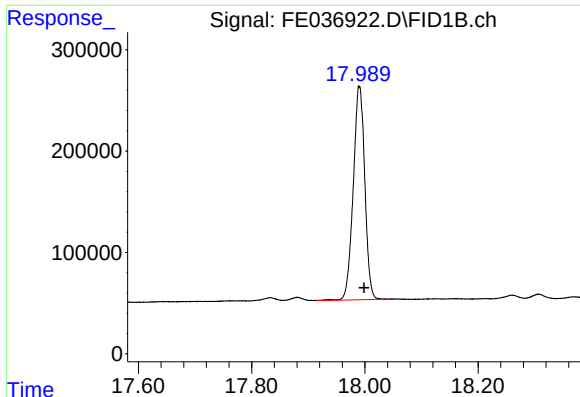
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 2944314
Conc: 17.61 ug/ml



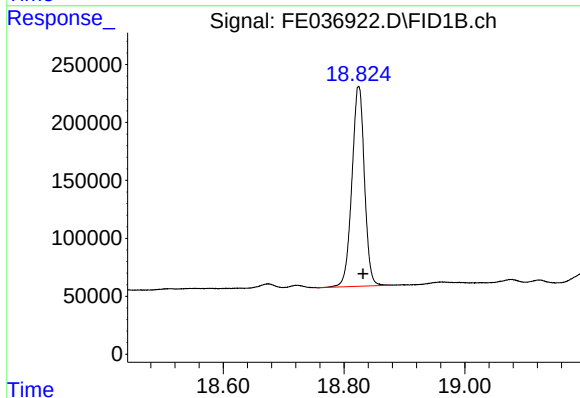
#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.009 min
Response: 3056851
Conc: 18.72 ug/ml



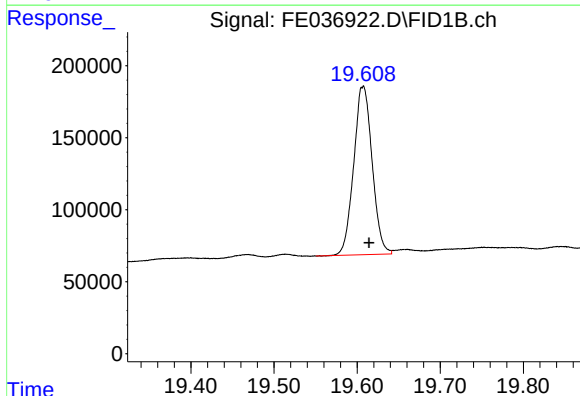
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.009 min
Response: 2989084
Conc: 19.67 ug/ml



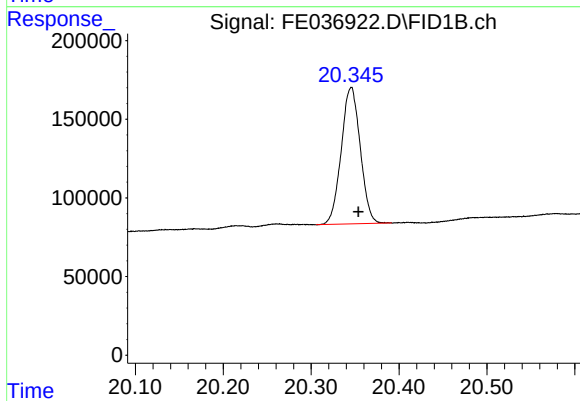
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.008 min
Response: 2484704
Conc: 20.66 ug/ml



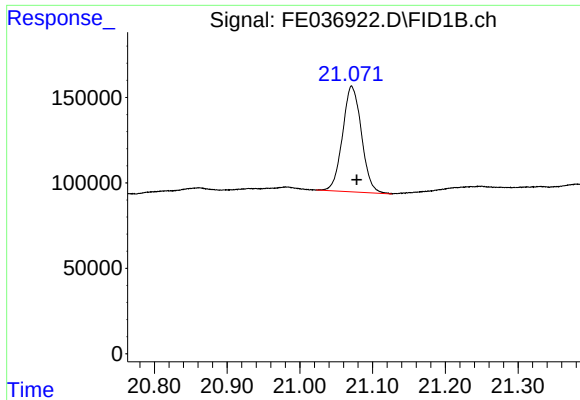
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.007 min
Response: 1801887
Conc: 21.64 ug/ml



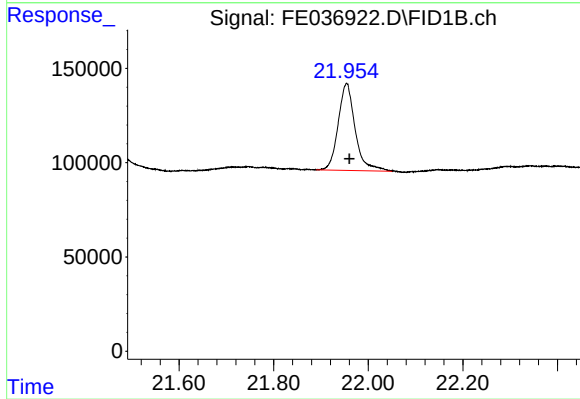
#20 n-Hexatriacontane (C36)

R.T.: 20.345 min
Delta R.T.: -0.008 min
Response: 1303164
Conc: 22.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.007 min
Response: 1119664
Conc: 22.33 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.007 min
Response: 1149880
Conc: 22.27 ug/ml m