

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080822AL\
 Data File : FE036936.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2022 19:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 02:28:36 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)	11.831	3089402	16.588 ug/ml
Spiked Amount 50.000		Recovery =	33.18%
12) S 1-chlorooctadecane (S...	13.273	2432469	15.988 ug/ml
Spiked Amount 50.000		Recovery =	31.98%
Target Compounds			
1) T n-Nonane (C9)	3.221	2772616	17.986 ug/ml
2) T n-Decane (C10)	4.476	2819916	18.294 ug/ml
3) T A~Naphthalene (C11.7)	6.178	3065106	17.937 ug/ml
4) T n-Dodecane (C12)	6.644	2866511	18.251 ug/ml
5) T A~2-methylnaphthalene...	7.273	3036207	17.666 ug/ml
6) T n-Tetradecane (C14)	8.471	2907228	17.808 ug/ml
7) T n-Hexadecane (C16)	10.078	2874828	17.442 ug/ml
8) T n-Octadecane (C18)	11.518	2879513	16.943 ug/ml
10) T n-Eicosane (C20)	12.828	2833193	16.656 ug/ml
11) T n-Heneicosane (C21)	13.439	2764298	16.151 ug/ml
13) T n-Docosane (C22)	14.026	2852017	16.704 ug/ml
14) T n-Tetracosane (C24)	15.129	2945982	17.282 ug/ml
15) T n-Hexacosane (C26)	16.151	2951535	17.654 ug/ml
16) T n-Octacosane (C28)	17.101	3058086	18.724 ug/ml
17) T n-Tricontane (C30)	17.989	2982799	19.629 ug/ml
18) T n-Dotriacontane (C32)	18.825	2501282	20.797 ug/ml
19) T n-Tetratriacontane (C34)	19.608	1747475	20.984 ug/ml
20) T n-Hexatriacontane (C36)	20.348	1313689	22.373 ug/ml
21) T n-Octatriacontane (C38)	21.069	1114409	22.227 ug/ml
22) T n-Tetracontane (C40)	21.950	1091856	21.143 ug/mlm

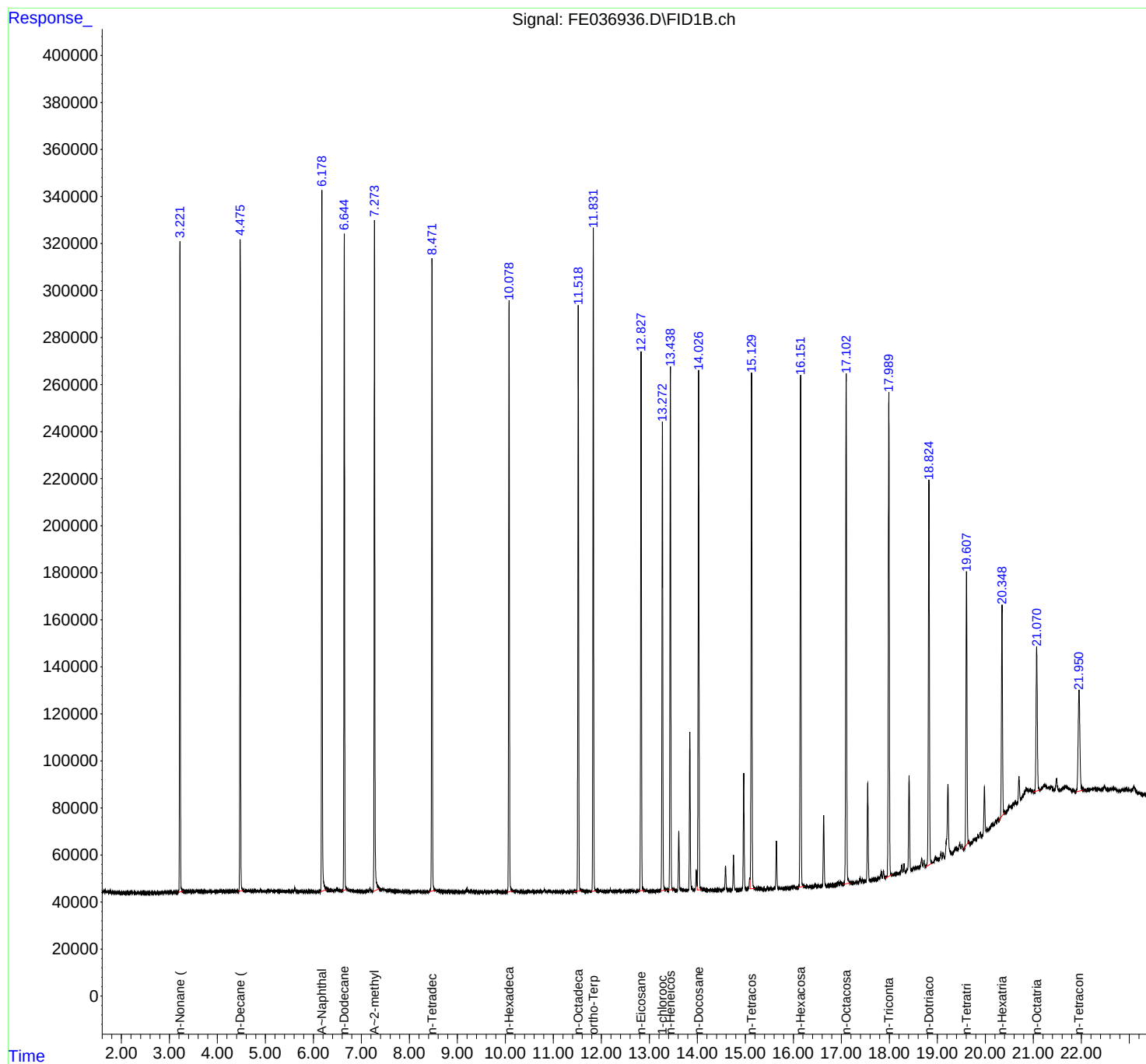
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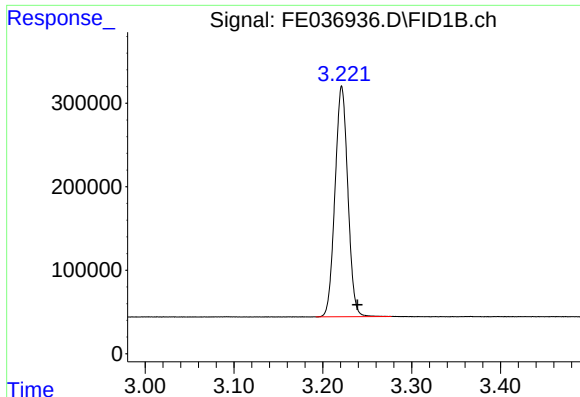
(m)=manual int.

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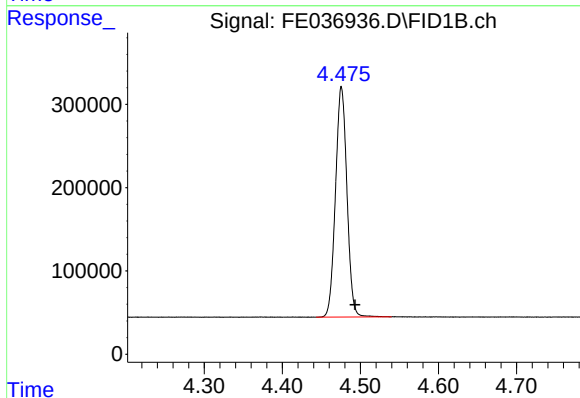
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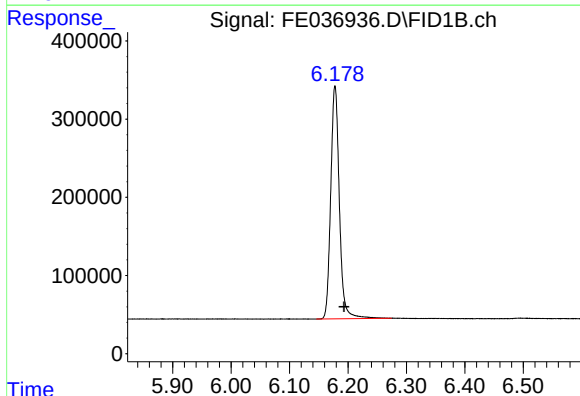
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.018 min
Response: 2772616
Conc: 17.99 ug/ml



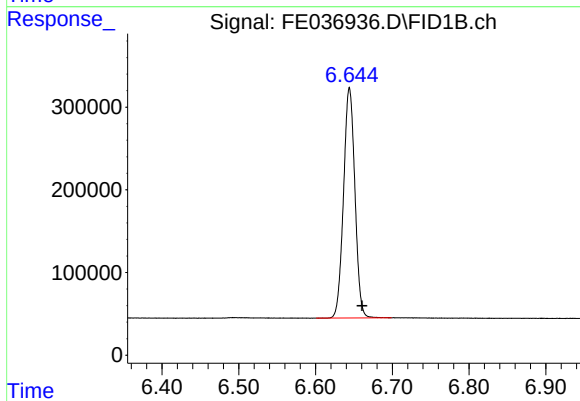
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.018 min
Response: 2819916
Conc: 18.29 ug/ml



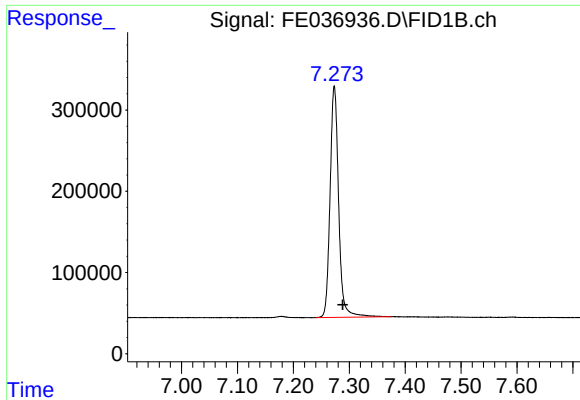
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.015 min
Response: 3065106
Conc: 17.94 ug/ml



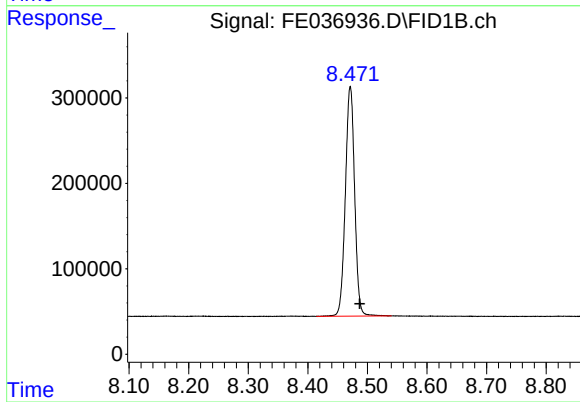
#4 n-Dodecane (C12)

R.T.: 6.644 min
Delta R.T.: -0.017 min
Response: 2866511
Conc: 18.25 ug/ml



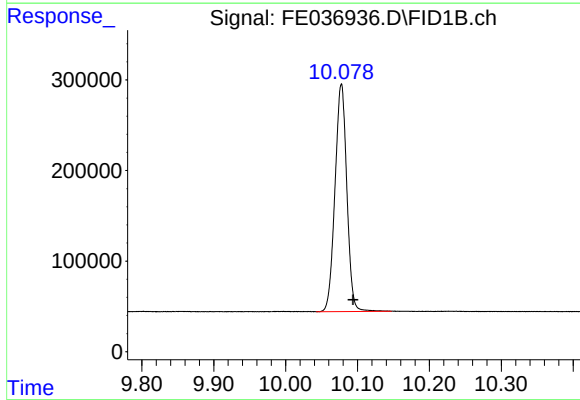
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: -0.015 min
Response: 3036207
Conc: 17.67 ug/ml



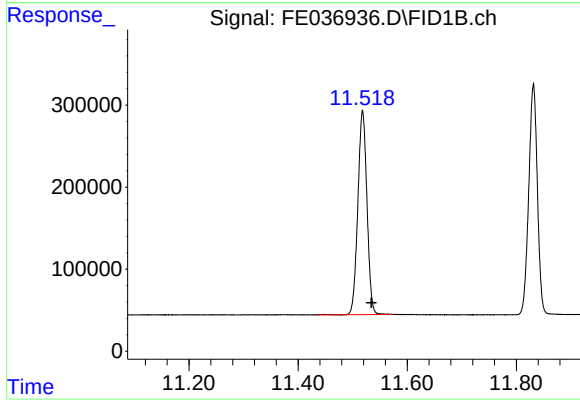
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.016 min
Response: 2907228
Conc: 17.81 ug/ml



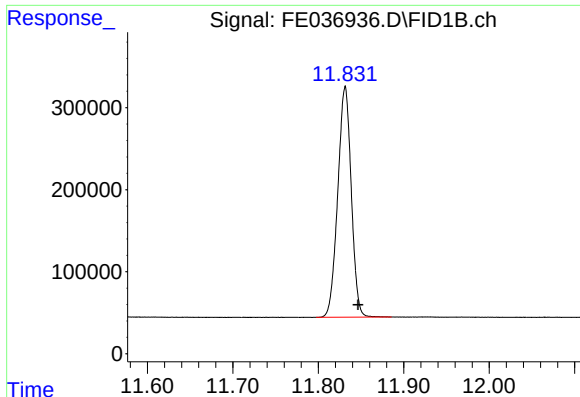
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.016 min
Response: 2874828
Conc: 17.44 ug/ml



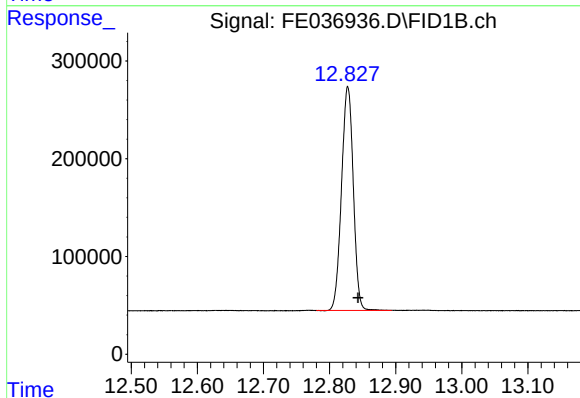
#8 n-Octadecane (C18)

R.T.: 11.518 min
Delta R.T.: -0.016 min
Response: 2879513
Conc: 16.94 ug/ml



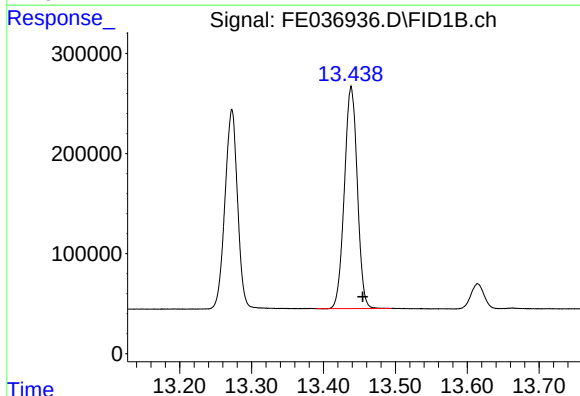
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.015 min
Response: 3089402
Conc: 16.59 ug/ml



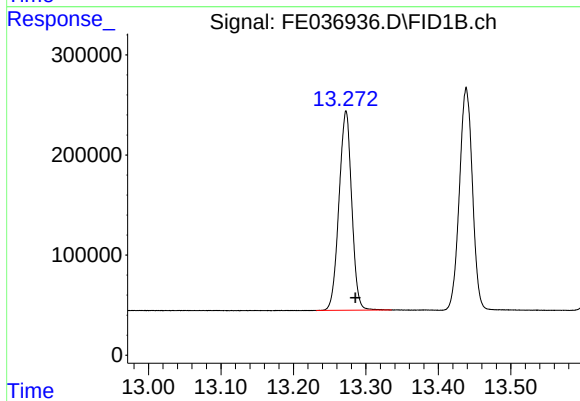
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.015 min
Response: 2833193
Conc: 16.66 ug/ml



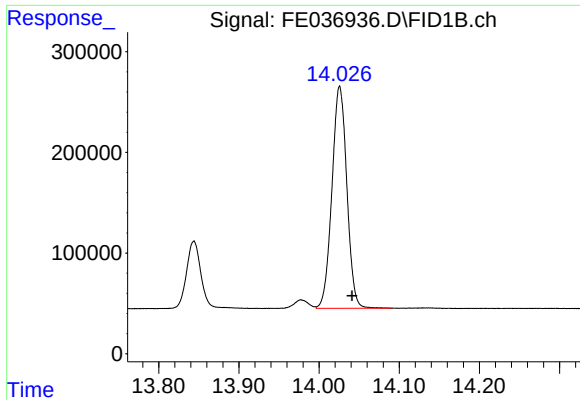
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.016 min
Response: 2764298
Conc: 16.15 ug/ml



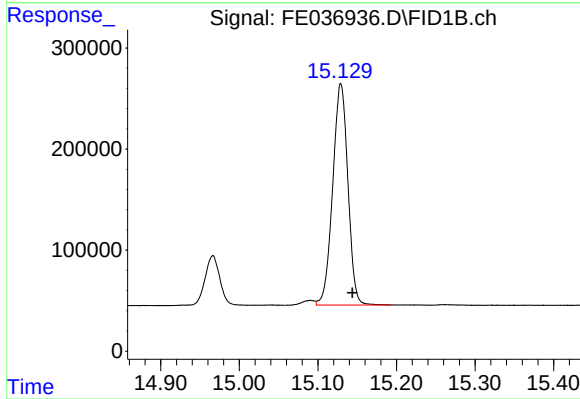
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.013 min
Response: 2432469
Conc: 15.99 ug/ml



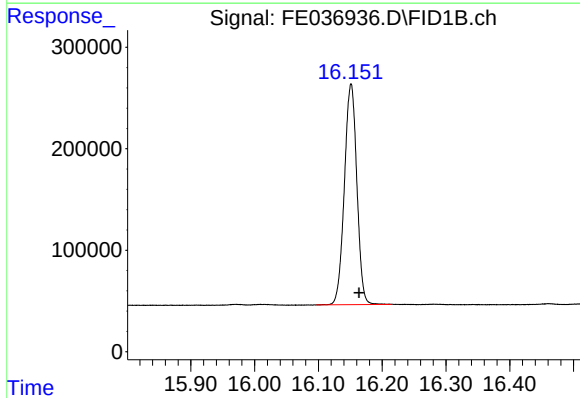
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.015 min
Response: 2852017
Conc: 16.70 ug/ml



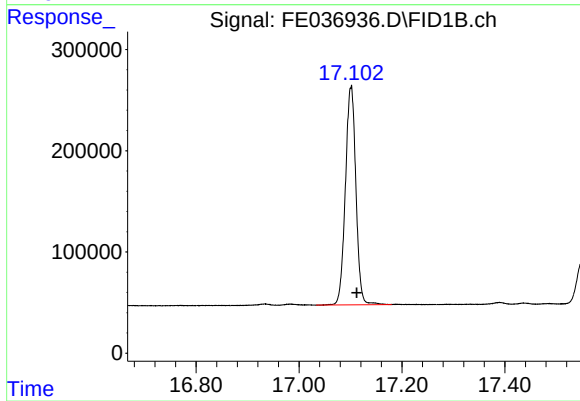
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.015 min
Response: 2945982
Conc: 17.28 ug/ml



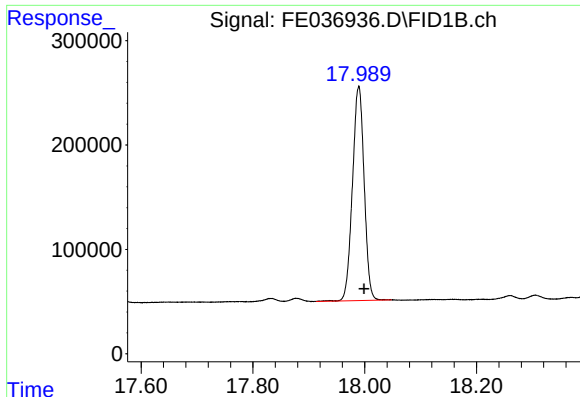
#15 n-Hexacosane (C26)

R.T.: 16.151 min
Delta R.T.: -0.013 min
Response: 2951535
Conc: 17.65 ug/ml



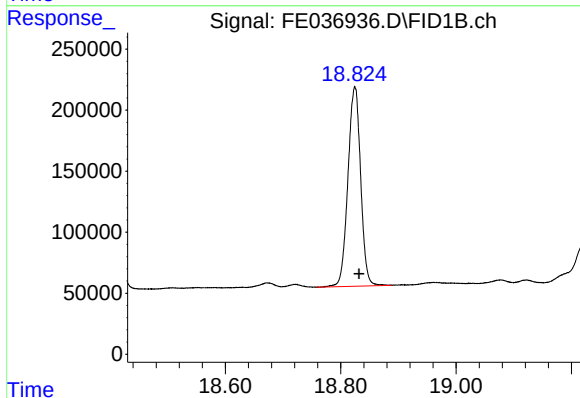
#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.011 min
Response: 3058086
Conc: 18.72 ug/ml



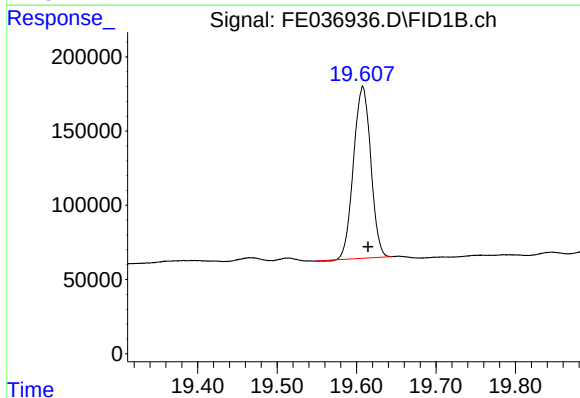
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: -0.009 min
Response: 2982799
Conc: 19.63 ug/ml



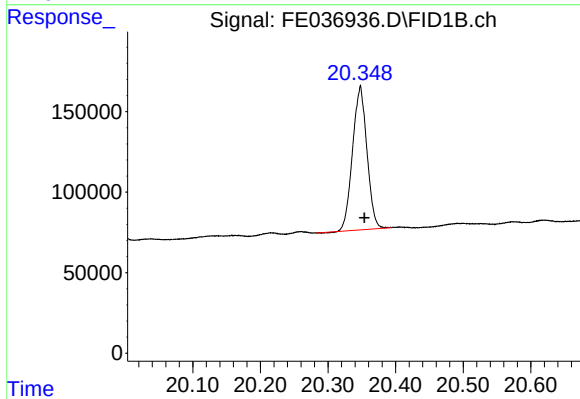
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.007 min
Response: 2501282
Conc: 20.80 ug/ml



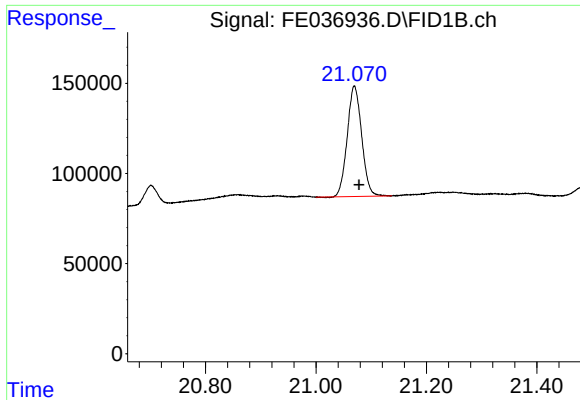
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.007 min
Response: 1747475
Conc: 20.98 ug/ml



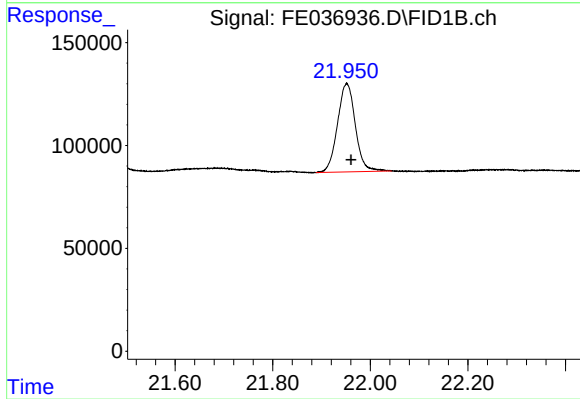
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.006 min
Response: 1313689
Conc: 22.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.069 min
Delta R.T.: -0.009 min
Response: 1114409
Conc: 22.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.010 min
Response: 1091856
Conc: 21.14 ug/ml m