

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071522AL\
 Data File : FE036501.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2022 18:04
 Operator : YP\AJ
 Sample : N3214-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 23:15:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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			
12) S 1-chlorooctadecane (S...	13.293	7489546	48.377 ug/ml
Spiked Amount 50.000		Recovery =	96.75%
Target Compounds			
1) T n-Nonane (C9)	3.240	479956	2.668 ug/ml
2) T n-Decane (C10)	4.494	589719	3.281 ug/ml
4) T n-Dodecane (C12)	6.663	976595	5.273 ug/ml
6) T n-Tetradecane (C14)	8.488	756385	4.046 ug/ml
7) T n-Hexadecane (C16)	10.095	721284	3.852 ug/ml
8) T n-Octadecane (C18)	11.536	796527	4.281 ug/ml
10) T n-Eicosane (C20)	12.845	774390	4.275 ug/ml
11) T n-Heneicosane (C21)	13.456	769026	4.281 ug/ml
13) T n-Docosane (C22)	14.042	771586	4.364 ug/ml
14) T n-Tetracosane (C24)	15.145	766418	4.475 ug/ml
15) T n-Hexacosane (C26)	16.165	775443	4.693 ug/ml
16) T n-Octacosane (C28)	17.114	818006	5.110 ug/ml
17) T n-Tricontane (C30)	18.002	985224	6.364 ug/ml
18) T n-Dotriacontane (C32)	18.834	1056915	7.232 ug/ml
19) T n-Tetratriacontane (C34)	19.617	971624	7.021 ug/ml
20) T n-Hexatriacontane (C36)	20.357	807656	6.016 ug/ml
21) T n-Octatriacontane (C38)	21.081	822722	6.186 ug/ml
22) T n-Tetracontane (C40)	21.967	888962	6.358 ug/ml

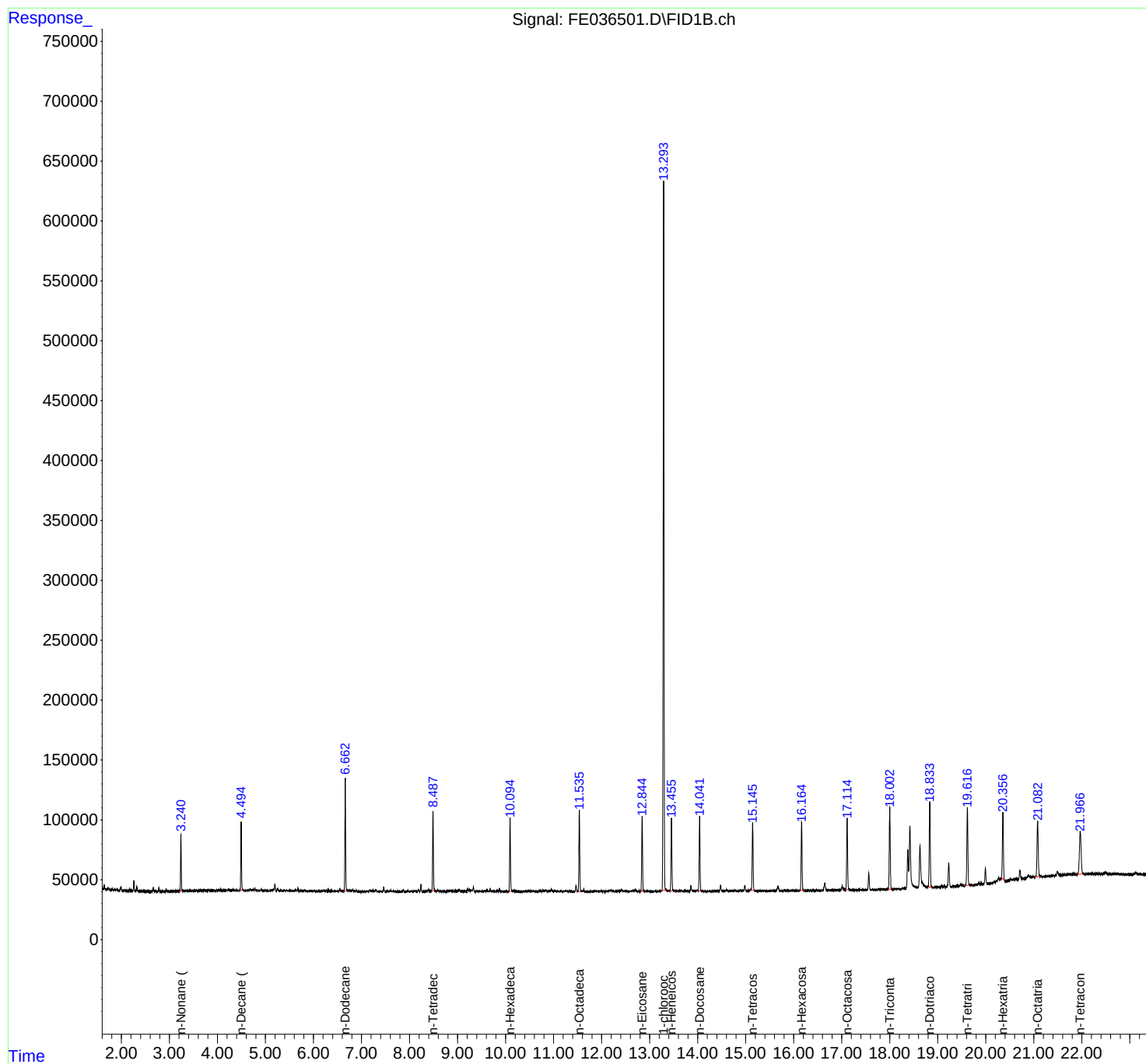
(f)=RT Delta > 1/2 Window

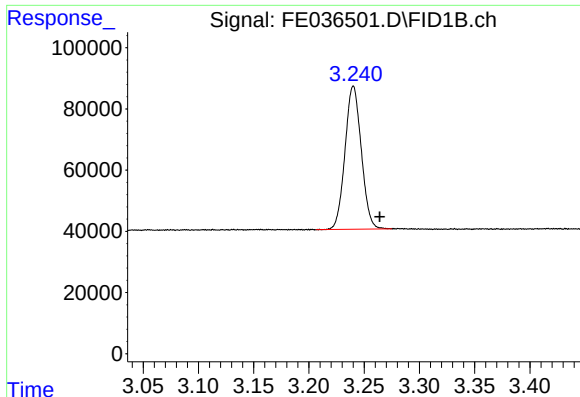
(m)=manual int.

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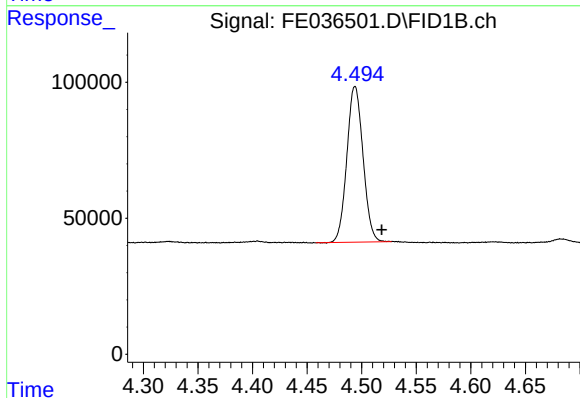
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Signal Info : 20M x 0.18mm x 0.18um





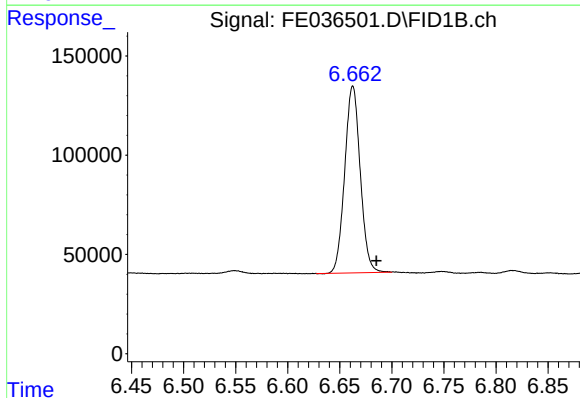
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: -0.024 min
Response: 479956
Conc: 2.67 ug/ml



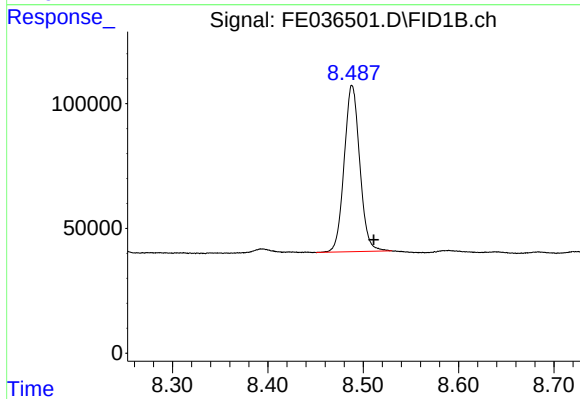
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.025 min
Response: 589719
Conc: 3.28 ug/ml



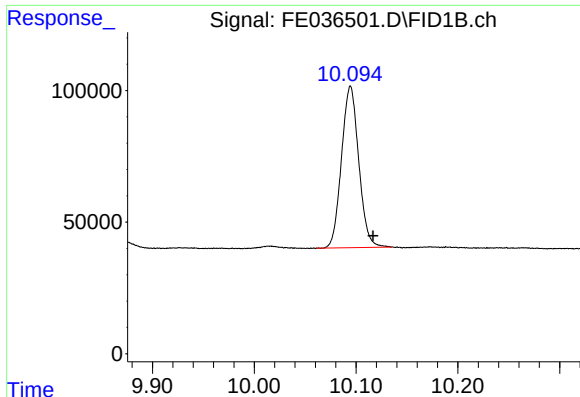
#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: -0.023 min
Response: 976595
Conc: 5.27 ug/ml



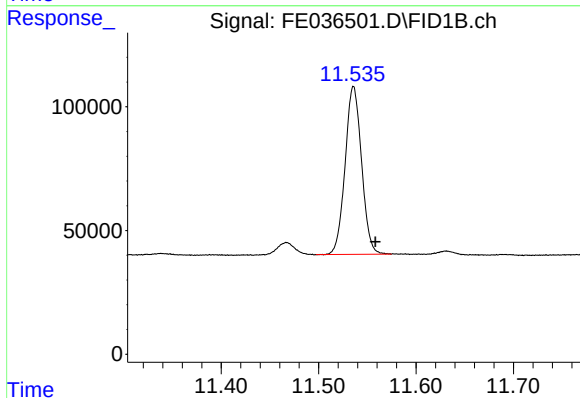
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.023 min
Response: 756385
Conc: 4.05 ug/ml



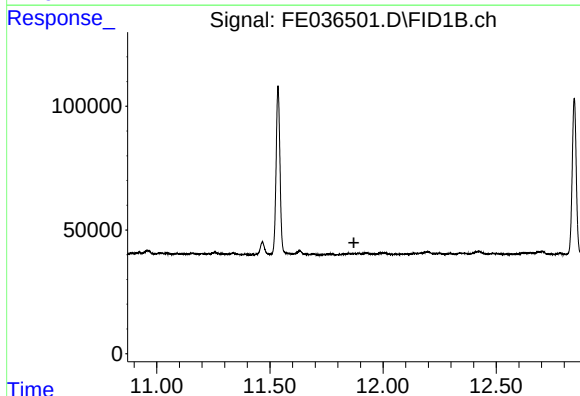
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: -0.022 min
Response: 721284
Conc: 3.85 ug/ml



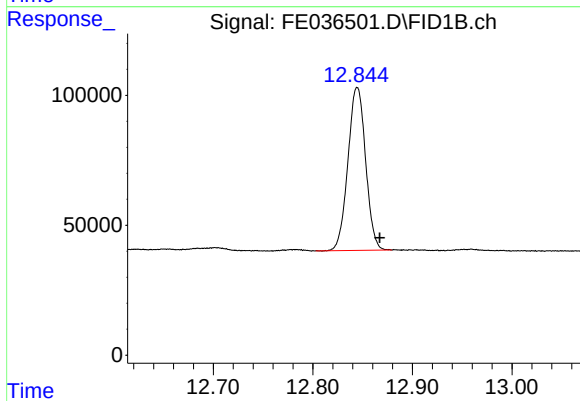
#8 n-Octadecane (C18)

R.T.: 11.536 min
Delta R.T.: -0.022 min
Response: 796527
Conc: 4.28 ug/ml



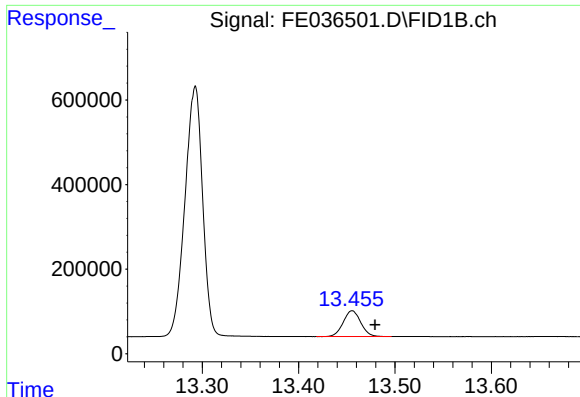
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.871 min
Response: 0
Conc: N.D.



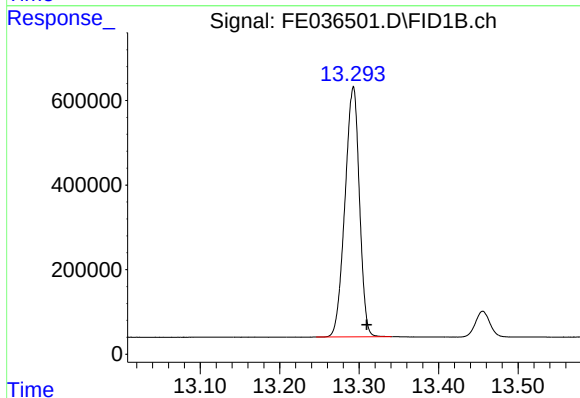
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.023 min
Response: 774390
Conc: 4.27 ug/ml



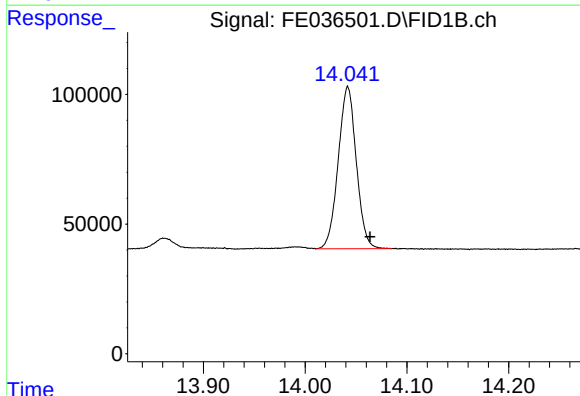
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.024 min
Response: 769026
Conc: 4.28 ug/ml



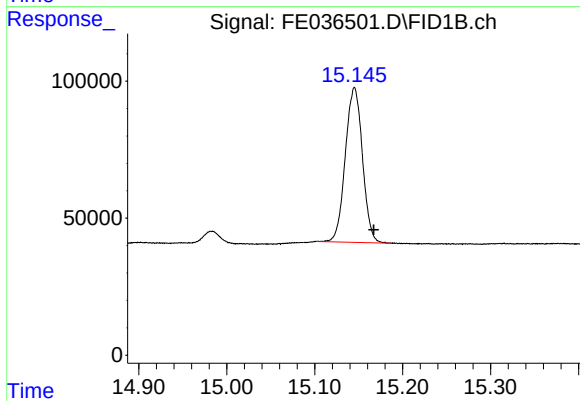
#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.017 min
Response: 7489546
Conc: 48.38 ug/ml



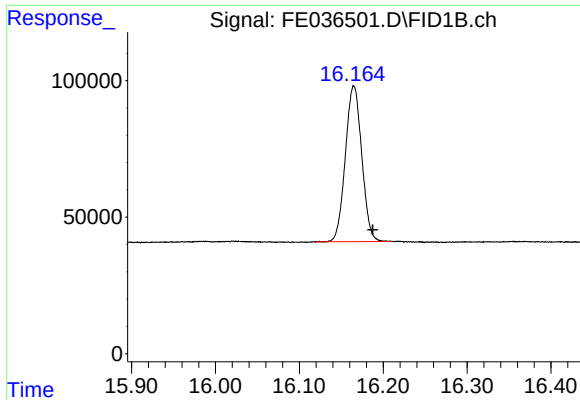
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.022 min
Response: 771586
Conc: 4.36 ug/ml



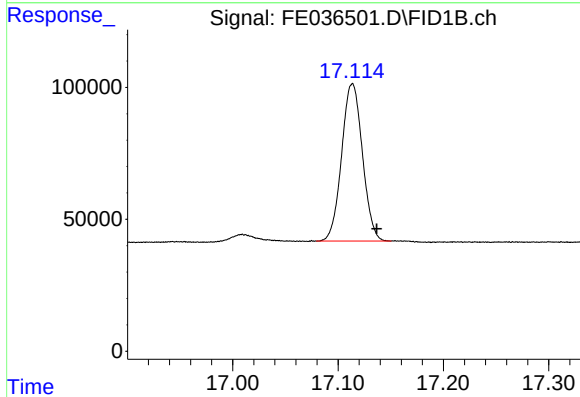
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.022 min
Response: 766418
Conc: 4.47 ug/ml



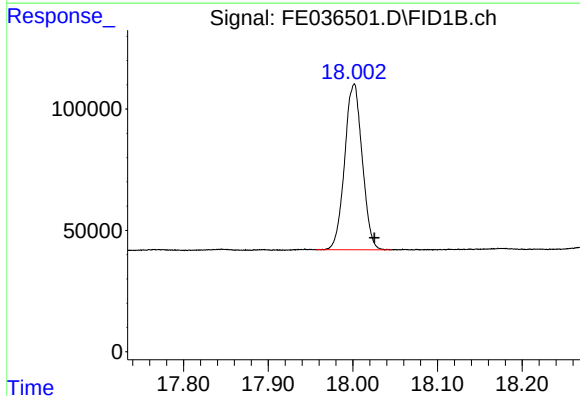
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.022 min
Response: 775443
Conc: 4.69 ug/ml



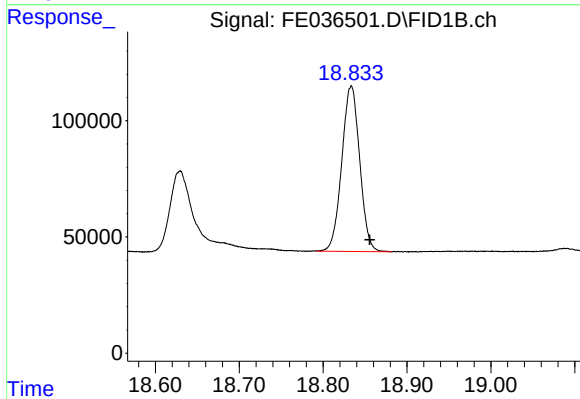
#16 n-Octacosane (C28)

R.T.: 17.114 min
Delta R.T.: -0.023 min
Response: 818006
Conc: 5.11 ug/ml



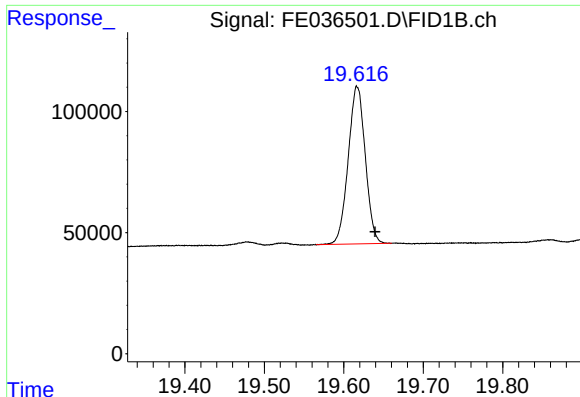
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.024 min
Response: 985224
Conc: 6.36 ug/ml



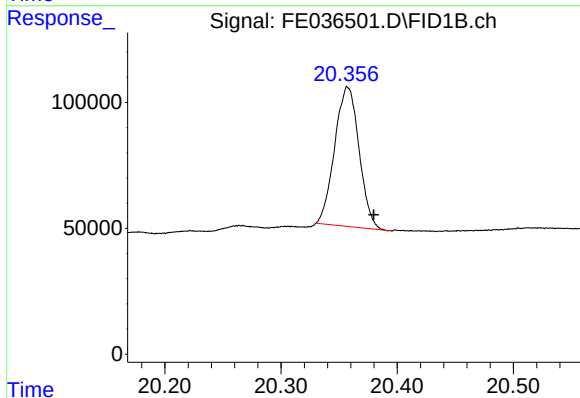
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.022 min
Response: 1056915
Conc: 7.23 ug/ml



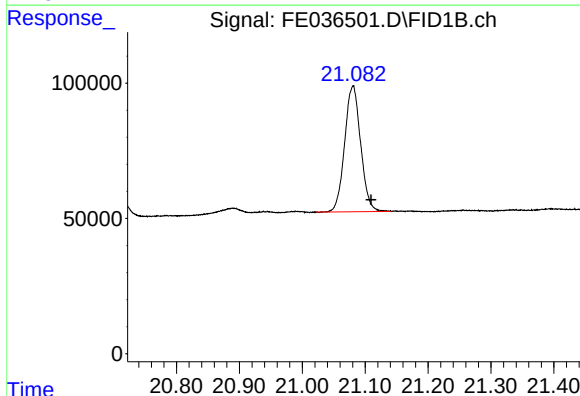
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.023 min
Response: 971624
Conc: 7.02 ug/ml



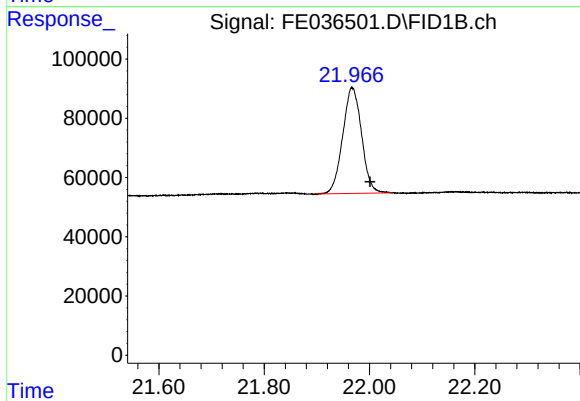
#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.023 min
Response: 807656
Conc: 6.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.029 min
Response: 822722
Conc: 6.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.034 min
Response: 888962
Conc: 6.36 ug/ml