

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062922AL\
 Data File : FE036296.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jun 2022 20:22
 Operator : YP\AJ
 Sample : N3214-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Integration File: autoint1.e
 Quant Time: Jun 30 10:07:48 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...	13.310	3067197	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.263	223072	1.240 ug/ml
2) T n-Decane (C10)	4.517	269774	1.501 ug/ml
4) T n-Dodecane (C12)	6.684	459023	2.478 ug/ml
6) T n-Tetradecane (C14)	8.510	353464	1.891 ug/ml
7) T n-Hexadecane (C16)	10.116	320217	1.710 ug/ml
8) T n-Octadecane (C18)	11.557	332996	1.790 ug/ml
10) T n-Eicosane (C20)	12.864	328569	1.814 ug/ml
11) T n-Heneicosane (C21)	13.476	325904	1.814 ug/ml
13) T n-Docosane (C22)	14.061	321802	1.820 ug/ml
14) T n-Tetracosane (C24)	15.164	311551	1.819 ug/ml
15) T n-Hexacosane (C26)	16.185	320170	1.938 ug/ml
16) T n-Octacosane (C28)	17.132	305796	1.910 ug/ml
17) T n-Tricontane (C30)	18.021	304860	1.969 ug/ml
18) T n-Dotriacontane (C32)	18.853	309890	2.121 ug/ml
19) T n-Tetratriacontane (C34)	19.637	303834	2.196 ug/ml
20) T n-Hexatriacontane (C36)	20.378	288130	2.146 ug/ml
21) T n-Octatriacontane (C38)	21.104	259932	1.955 ug/ml
22) T n-Tetracontane (C40)	21.998	307467	2.199 ug/ml

(f)=RT Delta > 1/2 Window

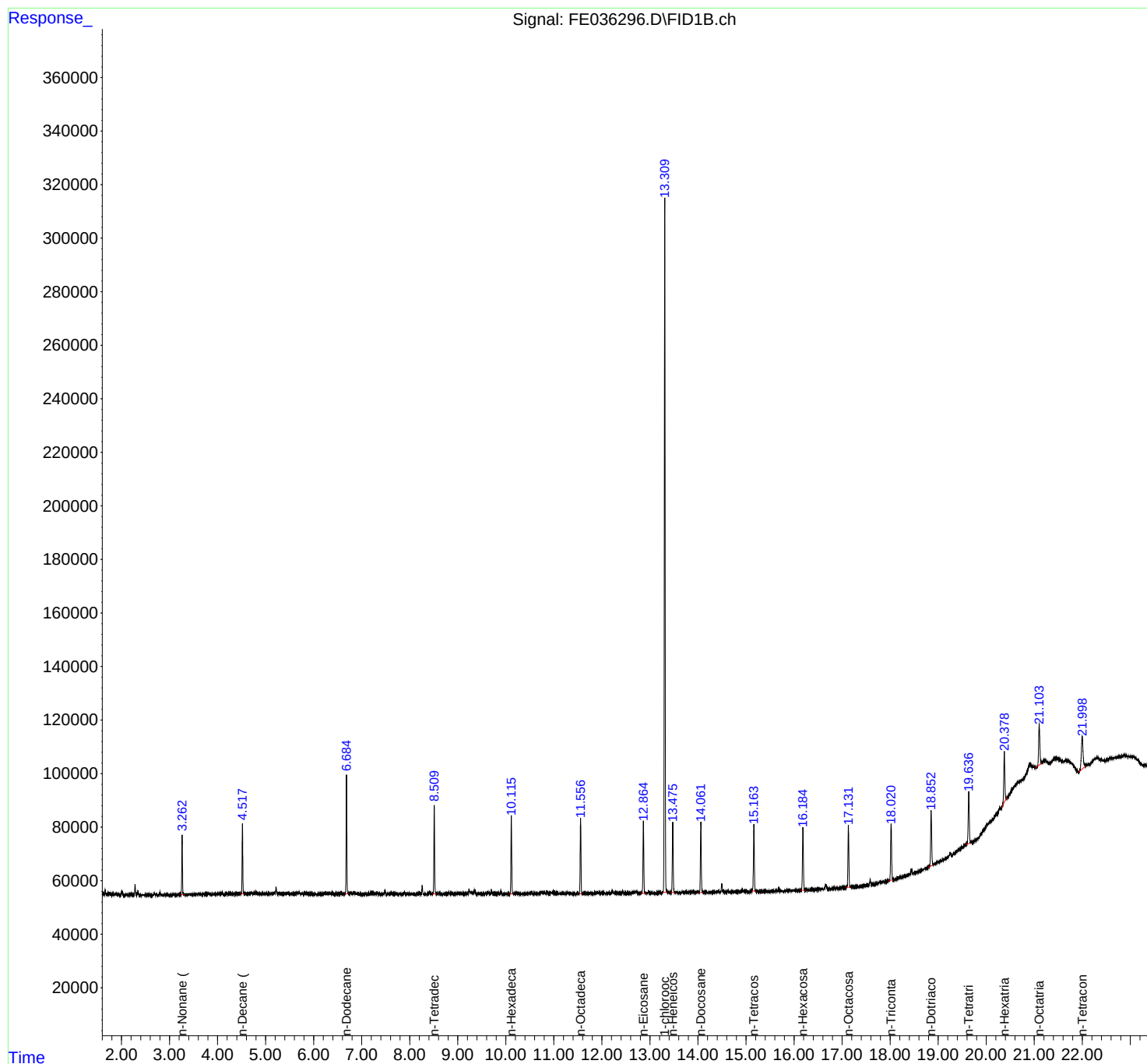
(m)=manual int.

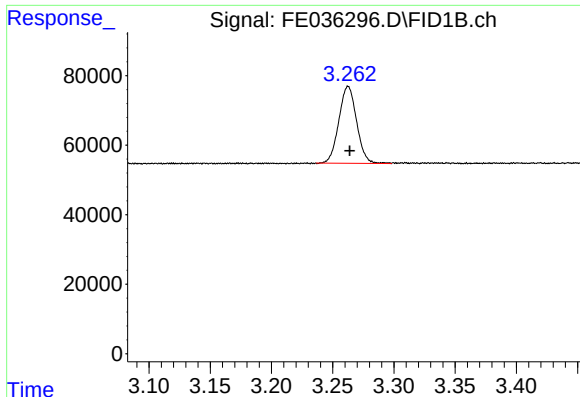
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062922AL\
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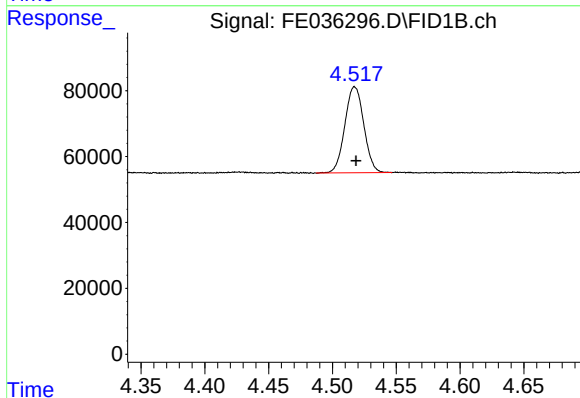




#1 n-Nonane (C9)

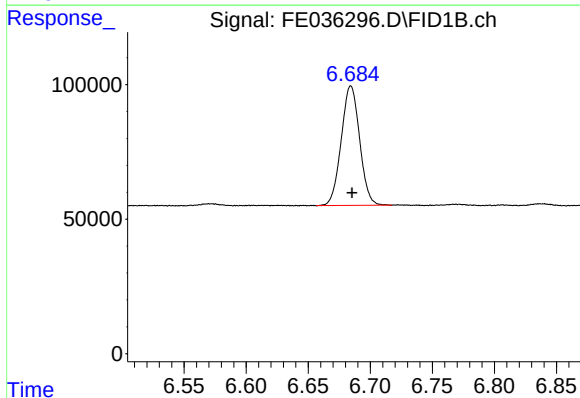
R.T.: 3.263 min
Delta R.T.: -0.001 min
Response: 223072
Conc: 1.24 ug/ml

Instrument :
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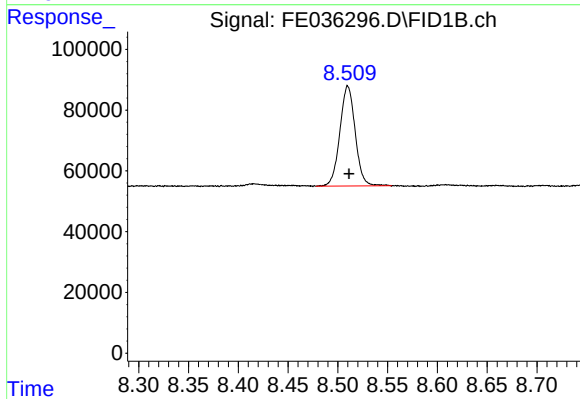
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.001 min
Response: 269774
Conc: 1.50 ug/ml



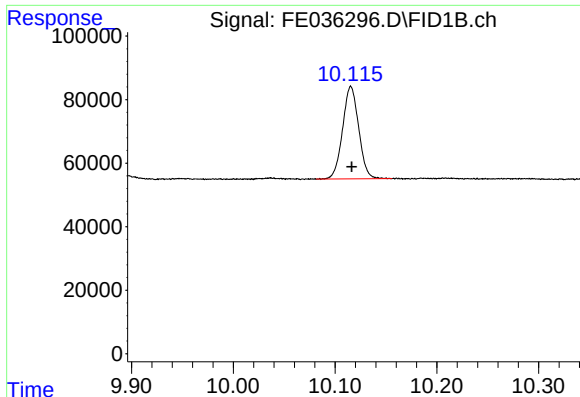
#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 459023
Conc: 2.48 ug/ml



#6 n-Tetradecane (C14)

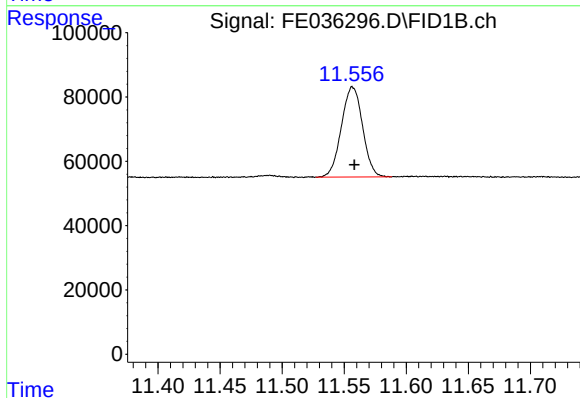
R.T.: 8.510 min
Delta R.T.: -0.001 min
Response: 353464
Conc: 1.89 ug/ml



#7 n-Hexadecane (C16)

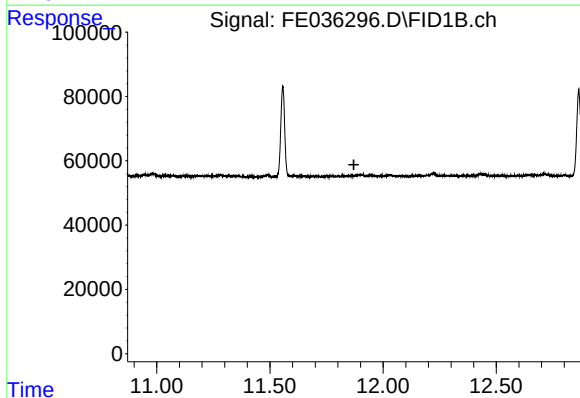
R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 320217
Conc: 1.71 ug/ml

Instrument :
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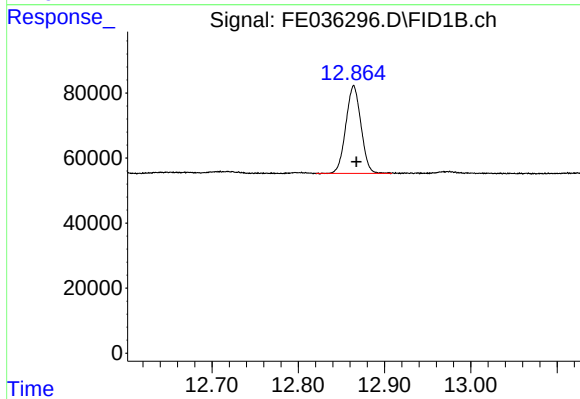
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 332996
Conc: 1.79 ug/ml



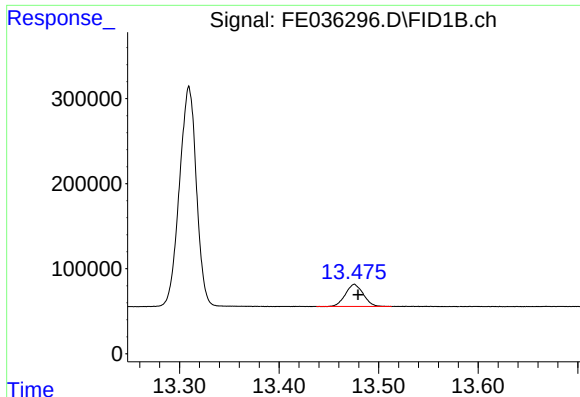
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

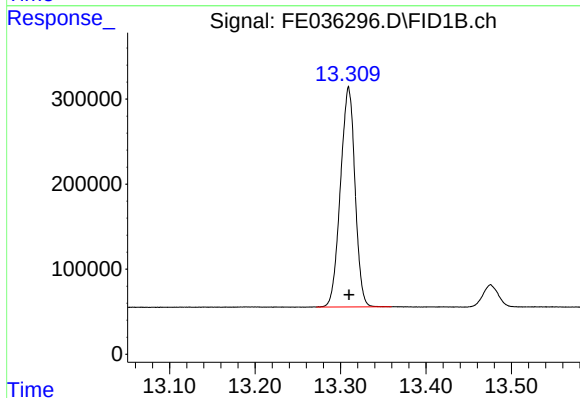
R.T.: 12.864 min
Delta R.T.: -0.003 min
Response: 328569
Conc: 1.81 ug/ml



#11 n-Heneicosane (C21)

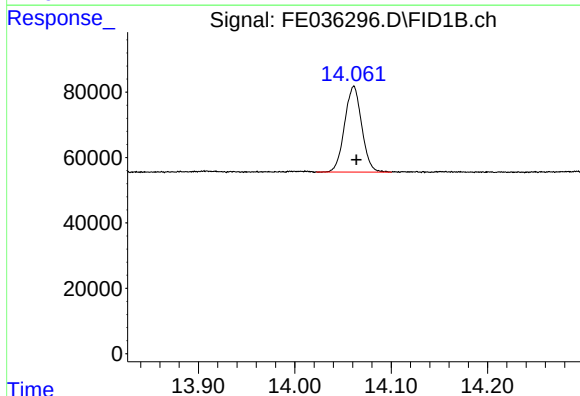
R.T.: 13.476 min
Delta R.T.: -0.004 min
Response: 325904
Conc: 1.81 ug/ml

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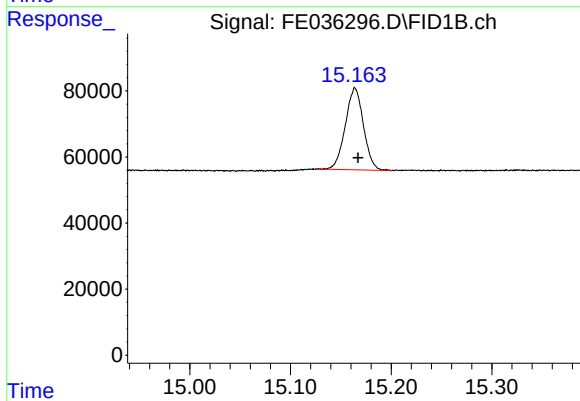
#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 3067197
Conc: 19.81 ug/ml



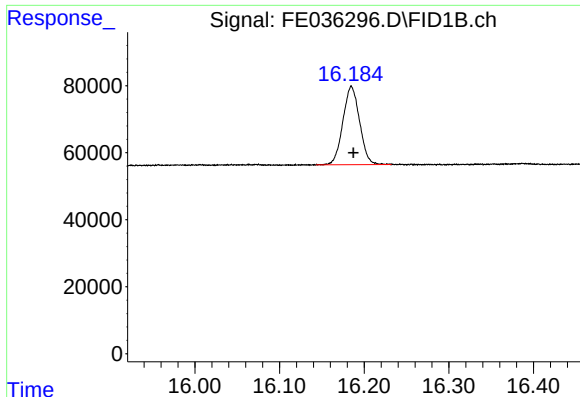
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.003 min
Response: 321802
Conc: 1.82 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.003 min
Response: 311551
Conc: 1.82 ug/ml



#15 n-Hexacosane (C26)

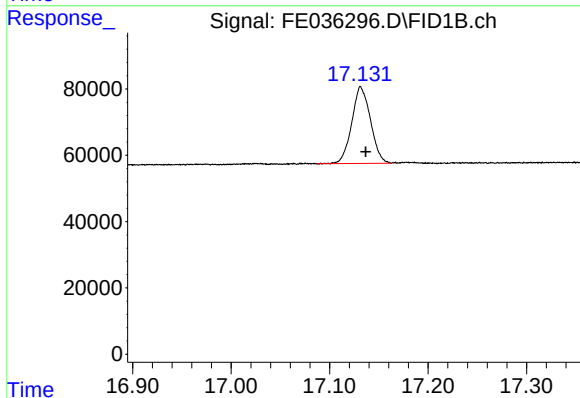
R.T.: 16.185 min
Delta R.T.: -0.002 min
Response: 320170
Conc: 1.94 ug/ml

Instrument :

FID_E

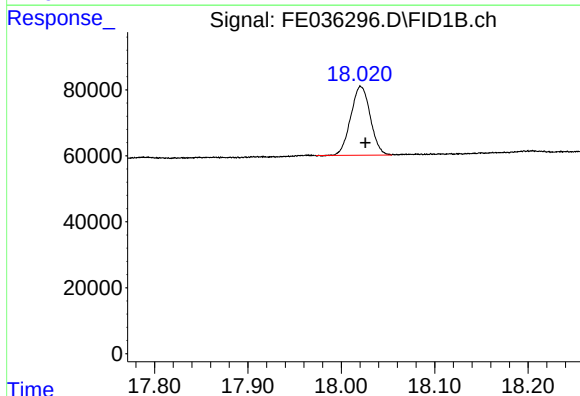
ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



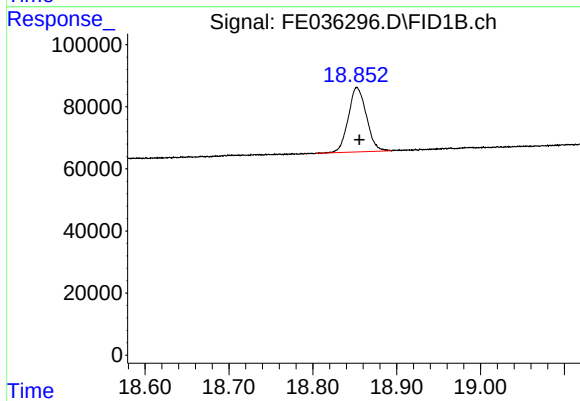
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.005 min
Response: 305796
Conc: 1.91 ug/ml



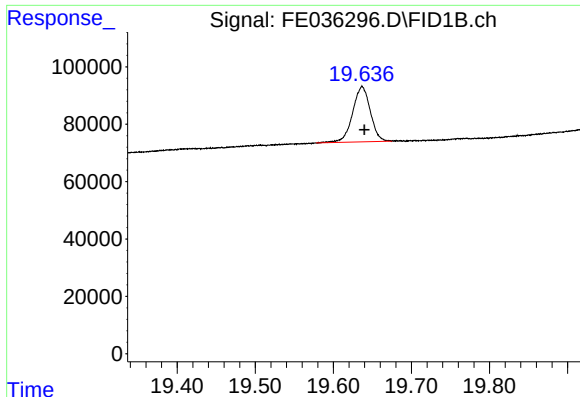
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: -0.005 min
Response: 304860
Conc: 1.97 ug/ml



#18 n-Dotriacontane (C32)

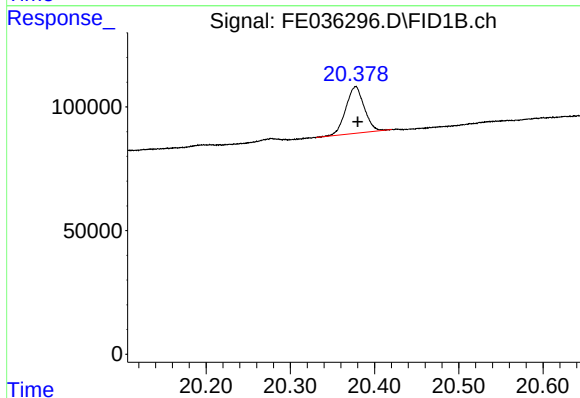
R.T.: 18.853 min
Delta R.T.: -0.003 min
Response: 309890
Conc: 2.12 ug/ml



#19 n-Tetratriacontane (C34)

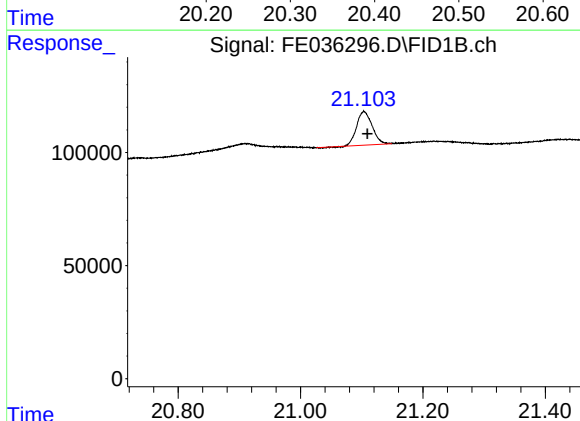
R.T.: 19.637 min
Delta R.T.: -0.003 min
Response: 303834
Conc: 2.20 ug/ml

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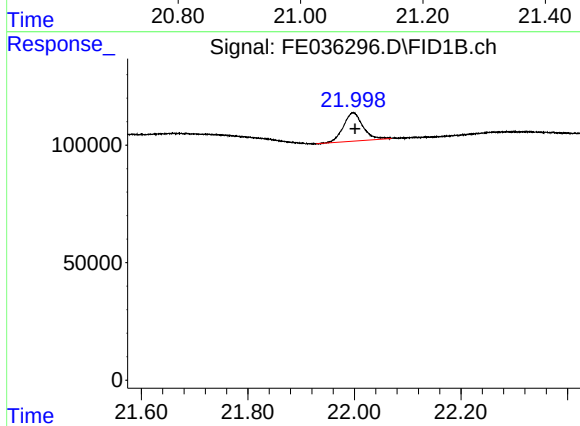
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.002 min
Response: 288130
Conc: 2.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.006 min
Response: 259932
Conc: 1.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.003 min
Response: 307467
Conc: 2.20 ug/ml