

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061323AL\
 Data File : FF012881.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2023 09:16
 Operator : YP\AJ
 Sample : 02213-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Integration File: autoint1.e
 Quant Time: Jun 14 00:33:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 2023
 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...	12.317	4880474	41.295 ug/ml
Spiked Amount 50.000		Recovery =	82.59%
Target Compounds			
1) T n-Nonane (C9)	2.752	163048	1.246 ug/ml
2) T n-Decane (C10)	3.759	191566	1.434 ug/ml
4) T n-Dodecane (C12)	5.742	241192	1.782 ug/ml
6) T n-Tetradecane (C14)	7.530	246069	1.839 ug/ml
7) T n-Hexadecane (C16)	9.127	248509	1.795 ug/ml
8) T n-Octadecane (C18)	10.564	306809	2.155 ug/ml
10) T n-Eicosane (C20)	11.869	319852	2.326 ug/ml
11) T n-Heneicosane (C21)	12.480	281854	2.084 ug/ml
13) T n-Docosane (C22)	13.065	316017	2.361 ug/ml
14) T n-Tetracosane (C24)	14.167	310802	2.364 ug/ml
15) T n-Hexacosane (C26)	15.186	313347	2.464 ug/ml
16) T n-Octacosane (C28)	16.133	315191	2.564 ug/ml
17) T n-Tricontane (C30)	17.018	343963	2.786 ug/ml
18) T n-Dotriacontane (C32)	17.848	363479	3.004 ug/ml
19) T n-Tetratriacontane (C34)	18.631	324635	2.775 ug/ml
20) T n-Hexatriacontane (C36)	19.369	280446	2.489 ug/ml
21) T n-Octatriacontane (C38)	20.095	243948	2.190 ug/ml
22) T n-Tetracontane (C40)	20.980	210085	1.904 ug/ml

(f)=RT Delta > 1/2 Window

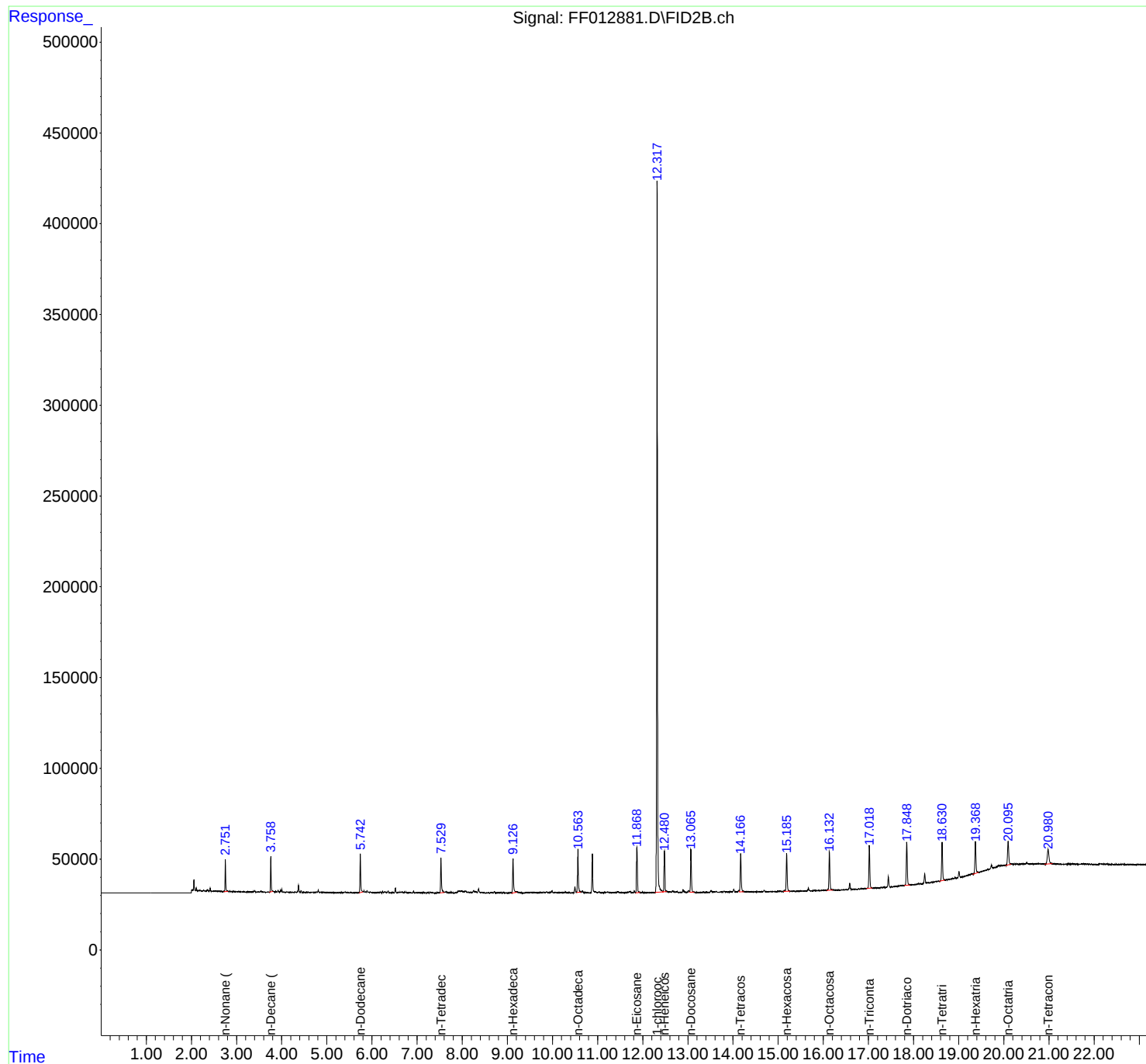
(m)=manual int.

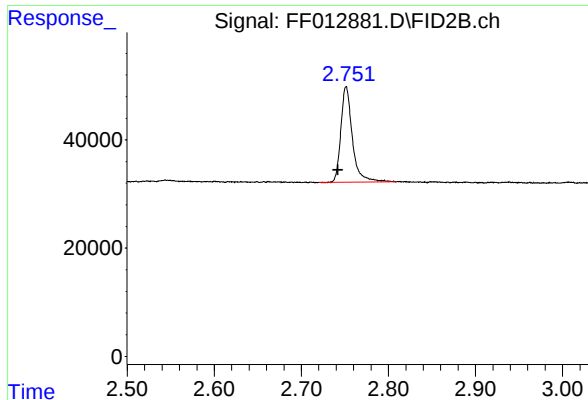
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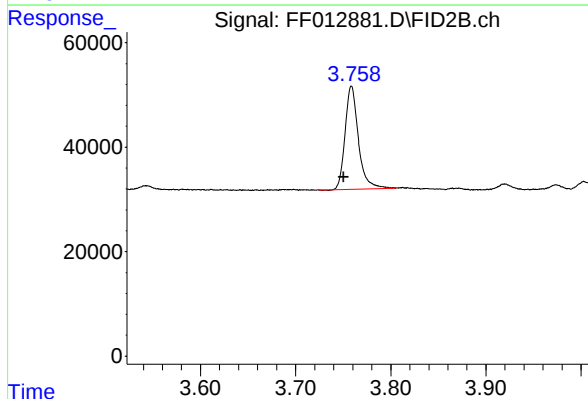




#1 n-Nonane (C9)

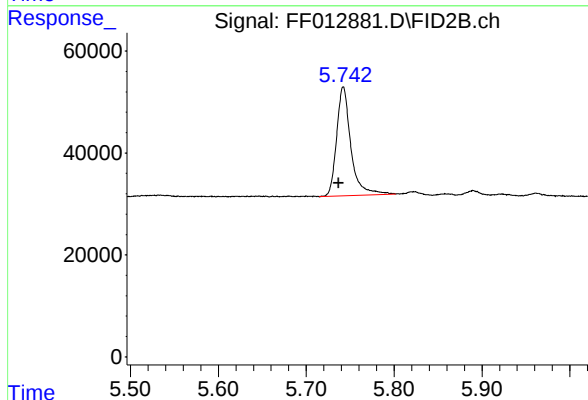
R.T.: 2.752 min
Delta R.T.: 0.010 min
Response: 163048
Conc: 1.25 ug/ml

Instrument :
FID_F
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MDL-WATER-03-QT2-2023



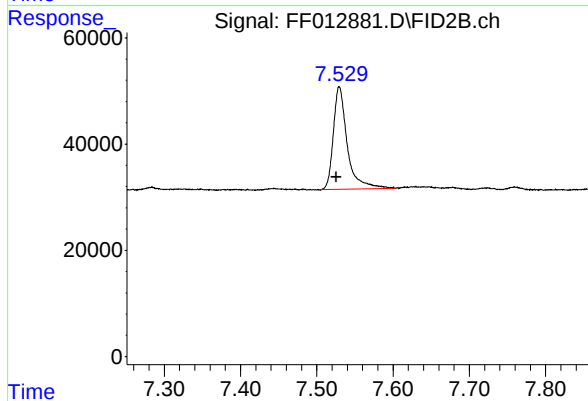
#2 n-Decane (C10)

R.T.: 3.759 min
Delta R.T.: 0.008 min
Response: 191566
Conc: 1.43 ug/ml



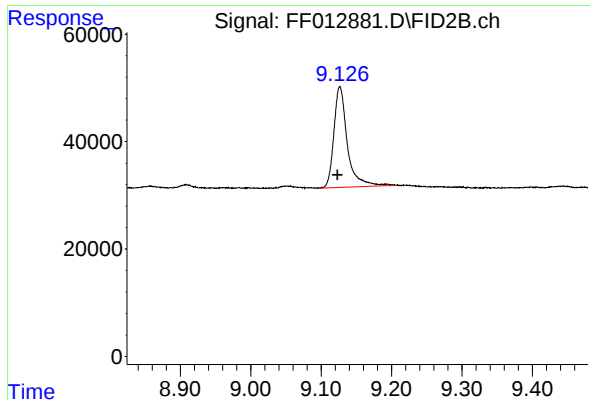
#4 n-Dodecane (C12)

R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 241192
Conc: 1.78 ug/ml



#6 n-Tetradecane (C14)

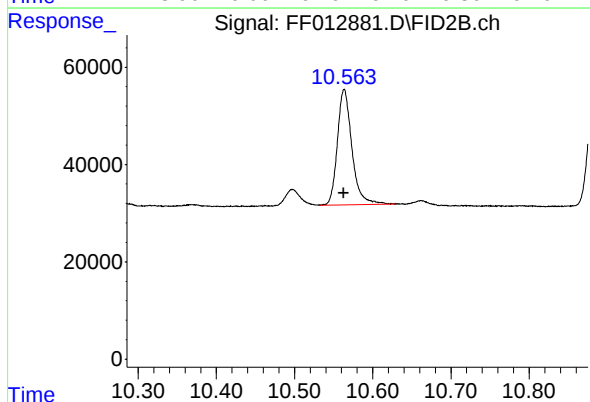
R.T.: 7.530 min
Delta R.T.: 0.004 min
Response: 246069
Conc: 1.84 ug/ml



#7 n-Hexadecane (C16)

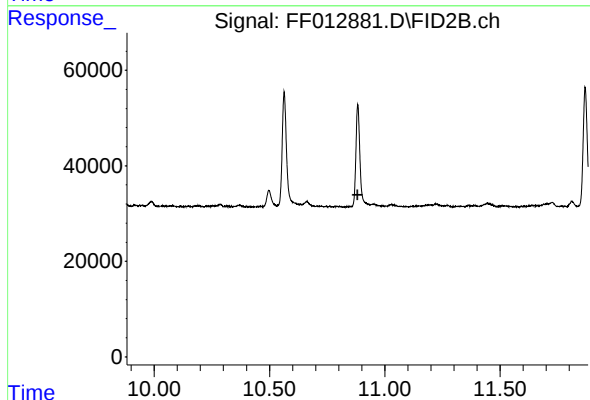
R.T.: 9.127 min
Delta R.T.: 0.003 min
Response: 248509
Conc: 1.80 ug/ml

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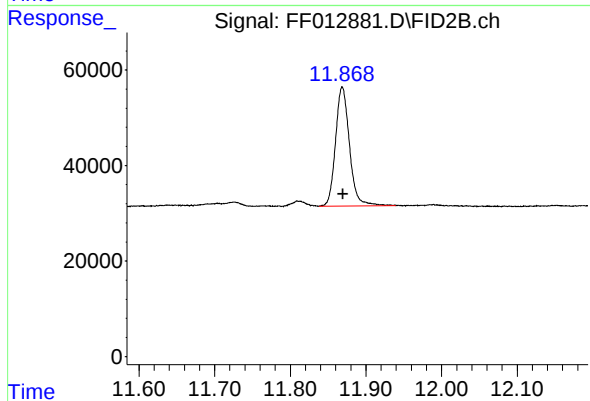
#8 n-Octadecane (C18)

R.T.: 10.564 min
Delta R.T.: 0.000 min
Response: 306809
Conc: 2.16 ug/ml



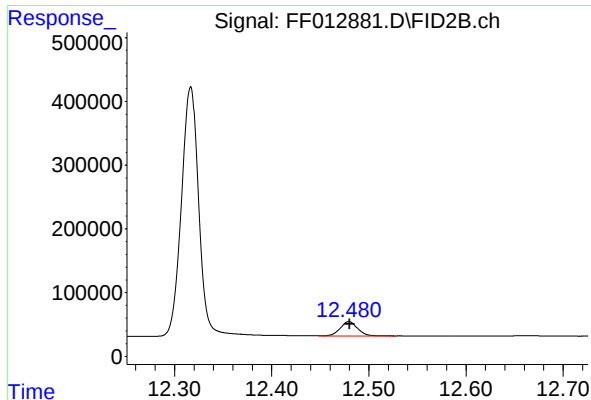
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.882 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

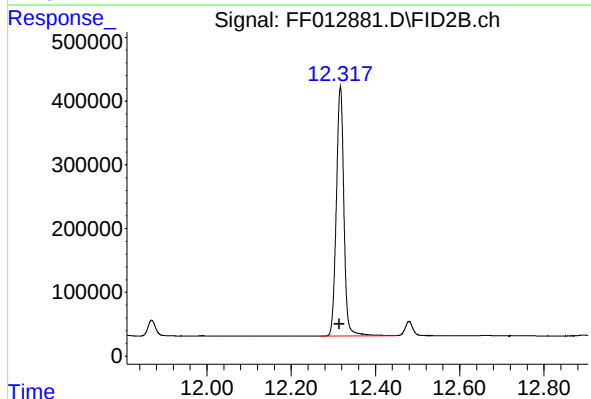
R.T.: 11.869 min
Delta R.T.: -0.001 min
Response: 319852
Conc: 2.33 ug/ml



#11 n-Heneicosane (C21)

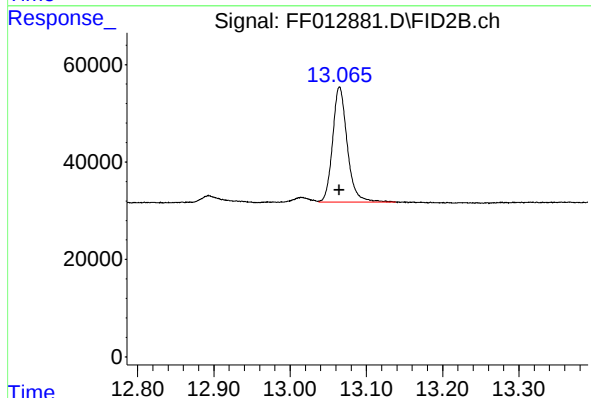
R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 281854
Conc: 2.08 ug/ml

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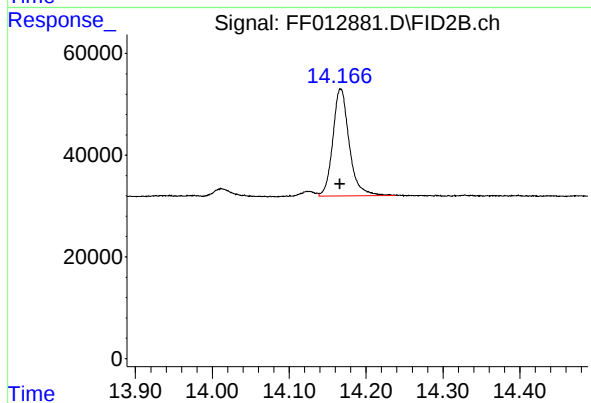
#12 1-chlorooctadecane (SURR)

R.T.: 12.317 min
Delta R.T.: 0.002 min
Response: 4880474
Conc: 41.29 ug/ml



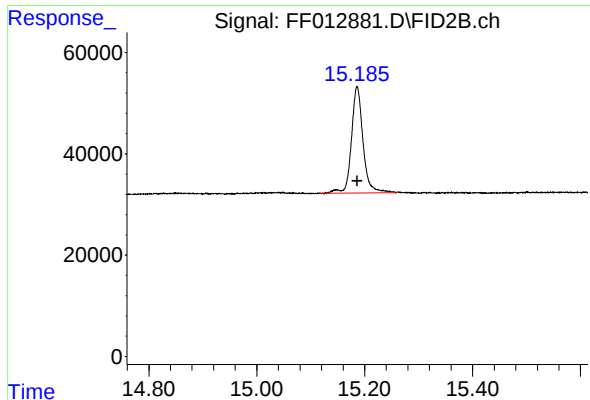
#13 n-Docosane (C22)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 316017
Conc: 2.36 ug/ml



#14 n-Tetracosane (C24)

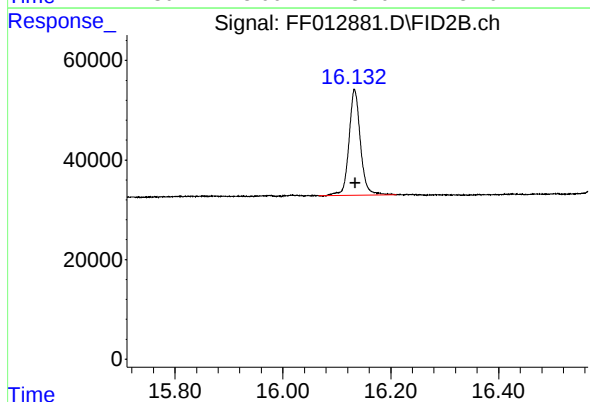
R.T.: 14.167 min
Delta R.T.: 0.001 min
Response: 310802
Conc: 2.36 ug/ml



#15 n-Hexacosane (C26)

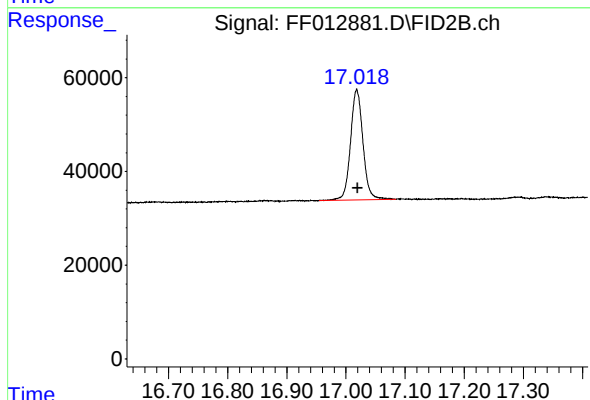
R.T.: 15.186 min
Delta R.T.: 0.000 min
Response: 313347
Conc: 2.46 ug/ml

Instrument :
FID_F
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MDL-WATER-03-QT2-2023



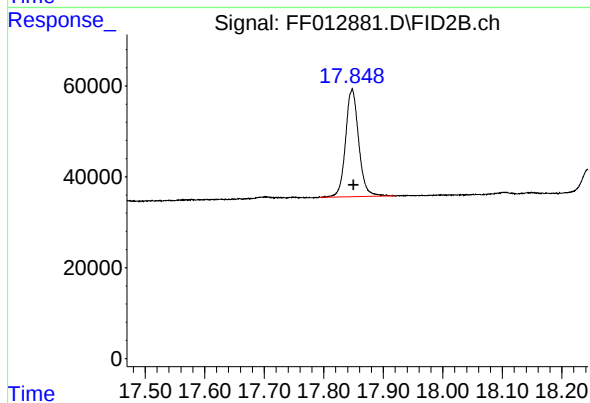
#16 n-Octacosane (C28)

R.T.: 16.133 min
Delta R.T.: -0.002 min
Response: 315191
Conc: 2.56 ug/ml



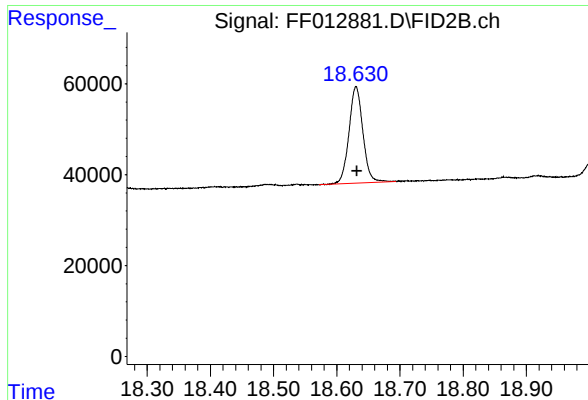
#17 n-Tricontane (C30)

R.T.: 17.018 min
Delta R.T.: -0.001 min
Response: 343963
Conc: 2.79 ug/ml



#18 n-Dotriacontane (C32)

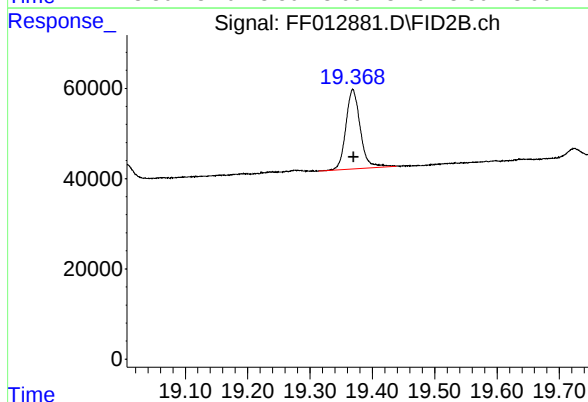
R.T.: 17.848 min
Delta R.T.: -0.002 min
Response: 363479
Conc: 3.00 ug/ml



#19 n-Tetratriacontane (C34)

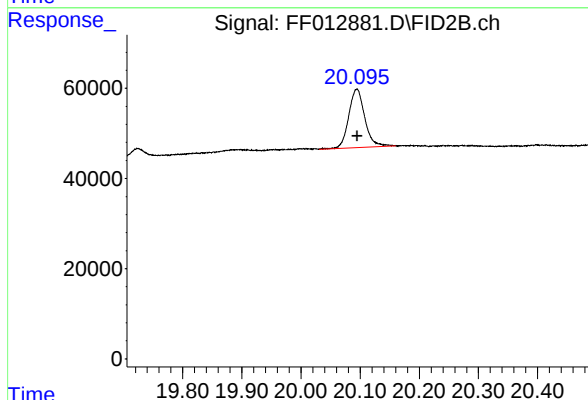
R.T.: 18.631 min
Delta R.T.: -0.001 min
Response: 324635
Conc: 2.77 ug/ml

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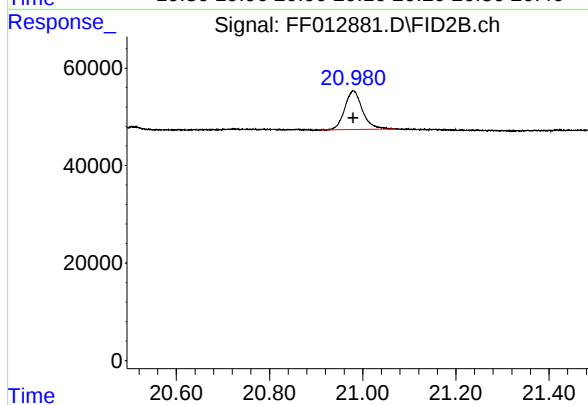
#20 n-Hexatriacontane (C36)

R.T.: 19.369 min
Delta R.T.: -0.001 min
Response: 280446
Conc: 2.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.095 min
Delta R.T.: 0.000 min
Response: 243948
Conc: 2.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.980 min
Delta R.T.: 0.000 min
Response: 210085
Conc: 1.90 ug/ml