

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010722AL\
 Data File : FD040479.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2022 13:16
 Operator : AJ\MA
 Sample : M4068-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Integration File: autoint1.e
 Quant Time: Jan 07 22:09:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.065	4533685	38.517 ug/ml
Spiked Amount 50.000		Recovery =	77.03%
Target Compounds			
1) T n-Nonane (C9)	2.573	256462	1.998 ug/ml
2) T n-Decane (C10)	3.559	259908	2.018 ug/ml
4) T n-Dodecane (C12)	5.527	265932	2.081 ug/ml
6) T n-Tetradecane (C14)	7.304	272019	2.100 ug/ml
7) T n-Hexadecane (C16)	8.891	280845	2.156 ug/ml
8) T n-Octadecane (C18)	10.323	296258	2.186 ug/ml
10) T n-Eicosane (C20)	11.624	294944	2.168 ug/ml
11) T n-Heneicosane (C21)	12.233	296259	2.139 ug/ml
13) T n-Docosane (C22)	12.815	292199	2.119 ug/ml
14) T n-Tetracosane (C24)	13.911	286744	2.051 ug/ml
15) T n-Hexacosane (C26)	14.926	284387	2.063 ug/ml
16) T n-Octacosane (C28)	15.871	310586	2.289 ug/ml
17) T n-Tricontane (C30)	16.753	388320	2.979 ug/ml
18) T n-Dotriacontane (C32)	17.580	404058	3.380 ug/ml
19) T n-Tetratriacontane (C34)	18.361	357467	3.395 ug/ml
20) T n-Hexatriacontane (C36)	19.098	315069	3.109 ug/ml
21) T n-Octatriacontane (C38)	19.796	272959	3.055 ug/ml
22) T n-Tetracontane (C40)	20.596	253073	2.961 ug/ml

(f)=RT Delta > 1/2 Window

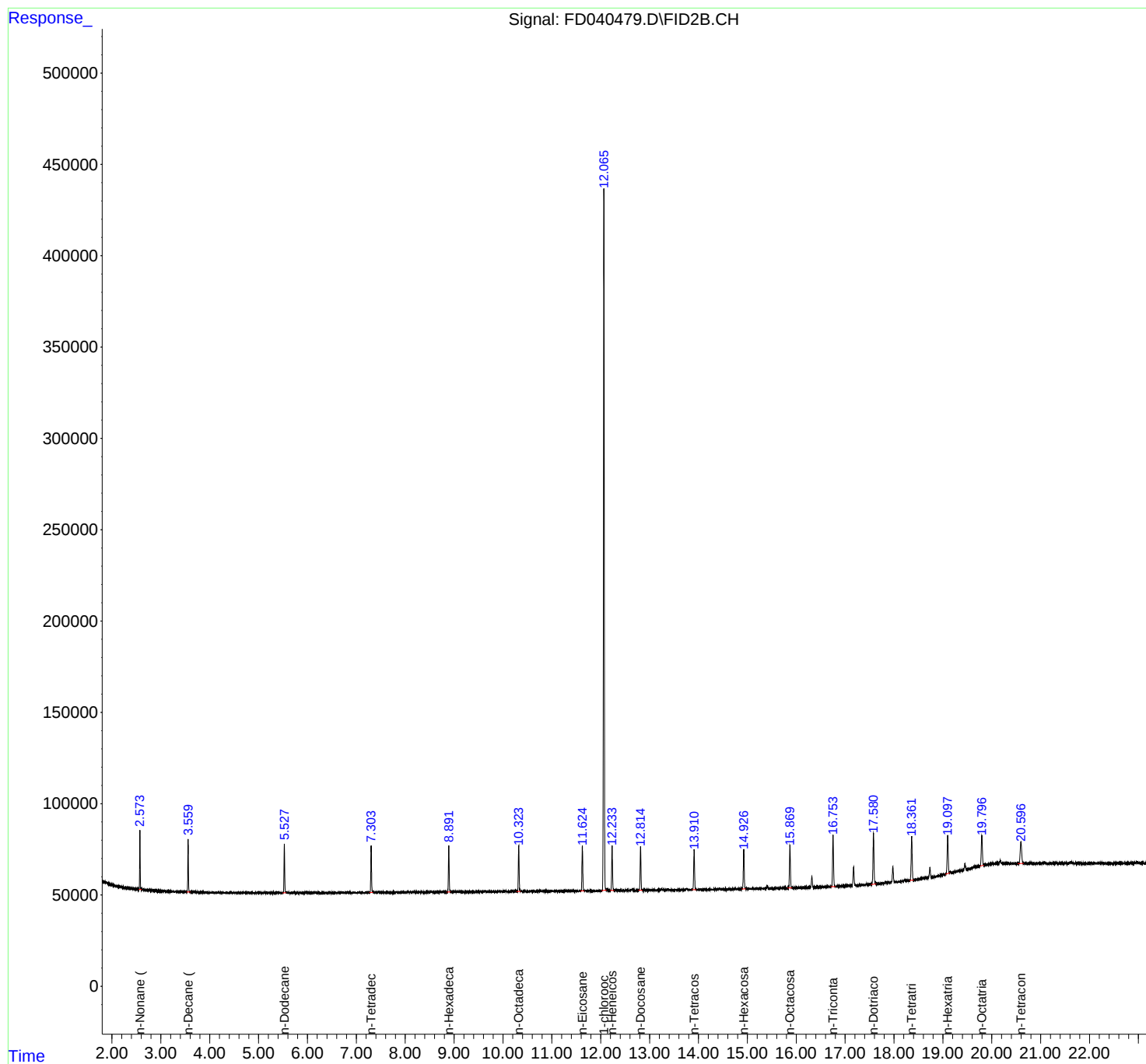
(m)=manual int.

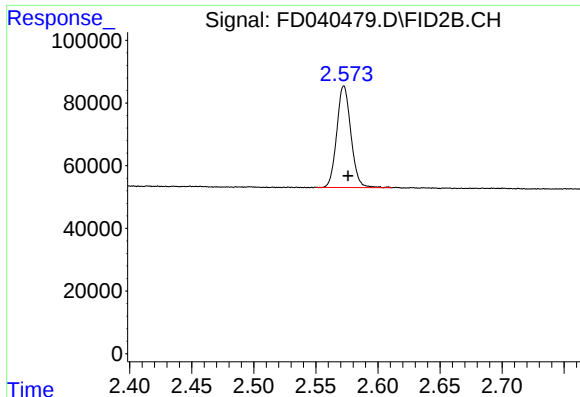
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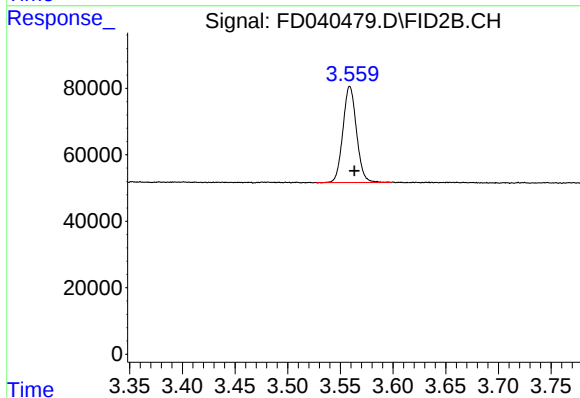




#1 n-Nonane (C9)

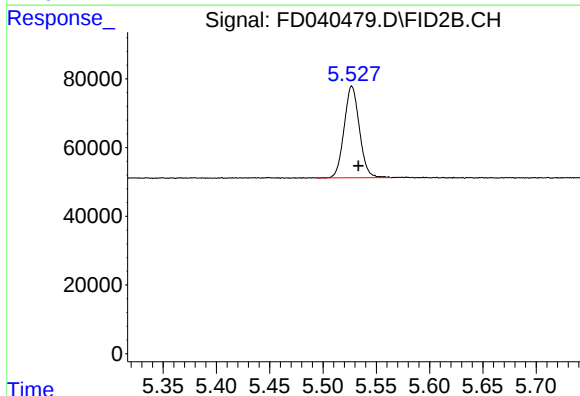
R.T.: 2.573 min
Delta R.T.: -0.003 min
Response: 256462
Conc: 2.00 ug/ml

Instrument :
FID_D
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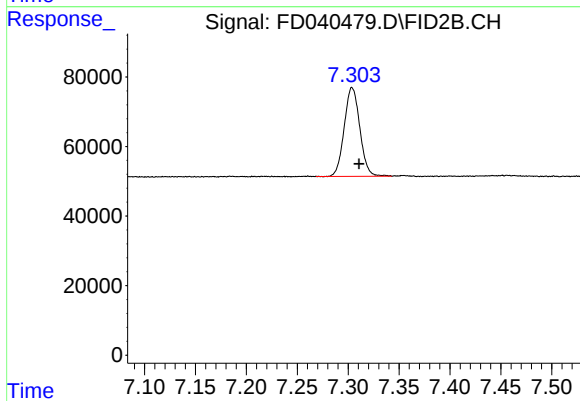
#2 n-Decane (C10)

R.T.: 3.559 min
Delta R.T.: -0.004 min
Response: 259908
Conc: 2.02 ug/ml



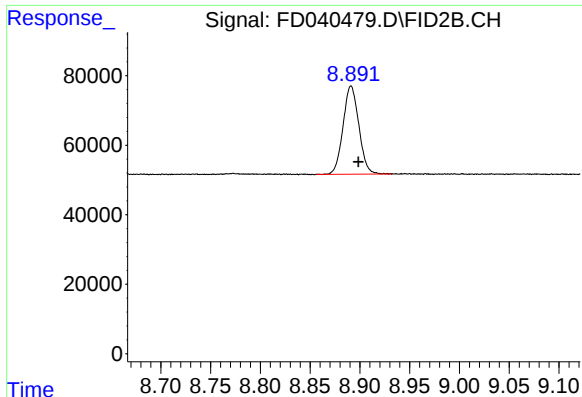
#4 n-Dodecane (C12)

R.T.: 5.527 min
Delta R.T.: -0.006 min
Response: 265932
Conc: 2.08 ug/ml



#6 n-Tetradecane (C14)

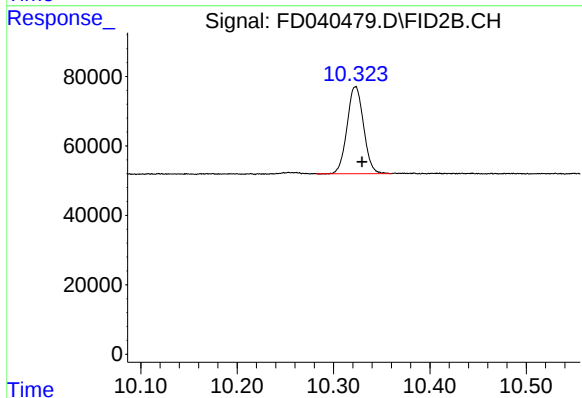
R.T.: 7.304 min
Delta R.T.: -0.007 min
Response: 272019
Conc: 2.10 ug/ml



#7 n-Hexadecane (C16)

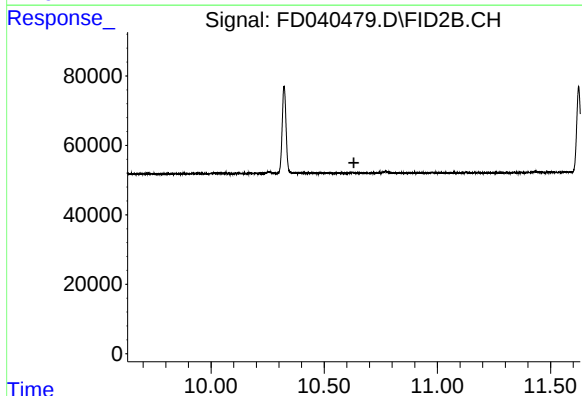
R.T.: 8.891 min
Delta R.T.: -0.007 min
Response: 280845
Conc: 2.16 ug/ml

Instrument :
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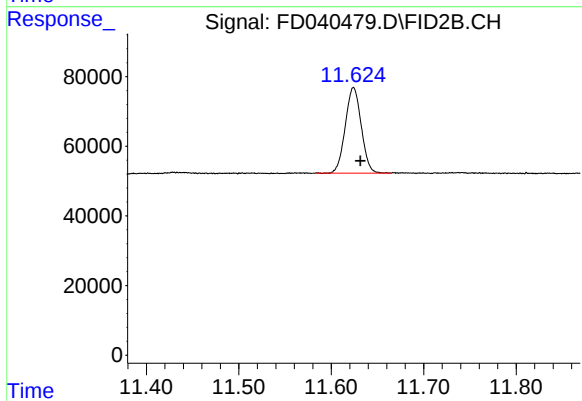
#8 n-Octadecane (C18)

R.T.: 10.323 min
Delta R.T.: -0.007 min
Response: 296258
Conc: 2.19 ug/ml



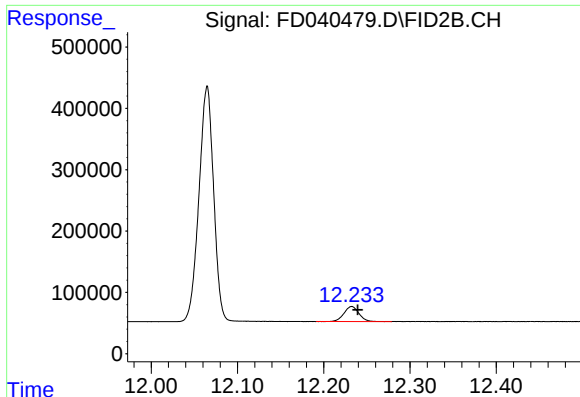
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.631 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

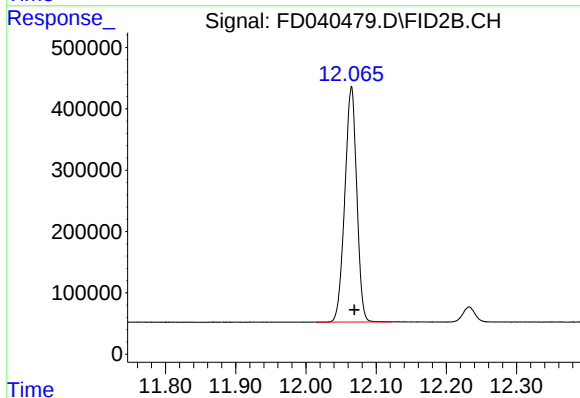
R.T.: 11.624 min
Delta R.T.: -0.007 min
Response: 294944
Conc: 2.17 ug/ml



#11 n-Heneicosane (C21)

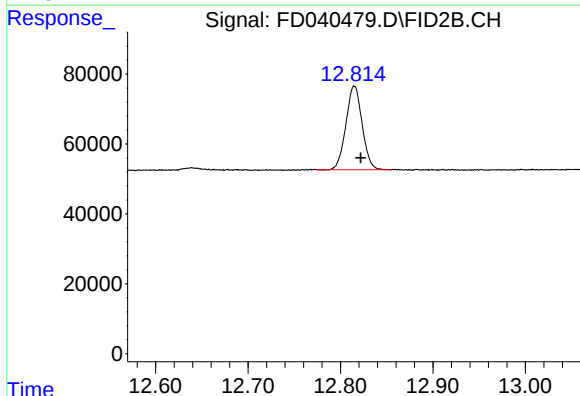
R.T.: 12.233 min
Delta R.T.: -0.007 min
Response: 296259
Conc: 2.14 ug/ml

Instrument :
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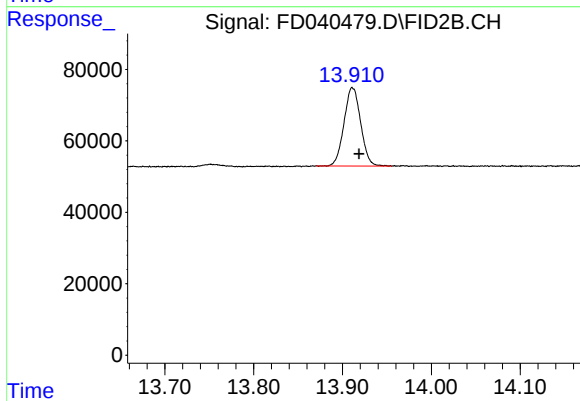
#12 1-chlorooctadecane (SURR)

R.T.: 12.065 min
Delta R.T.: -0.004 min
Response: 4533685
Conc: 38.52 ug/ml



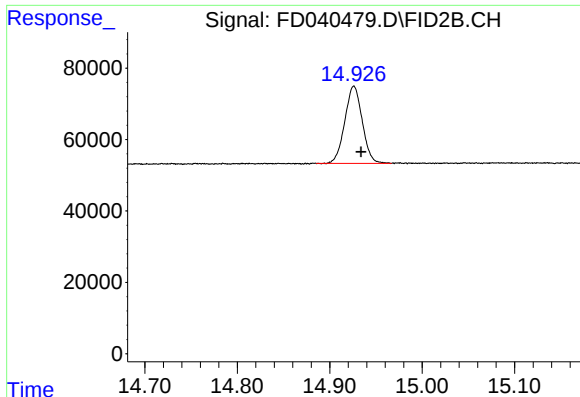
#13 n-Docosane (C22)

R.T.: 12.815 min
Delta R.T.: -0.007 min
Response: 292199
Conc: 2.12 ug/ml



#14 n-Tetracosane (C24)

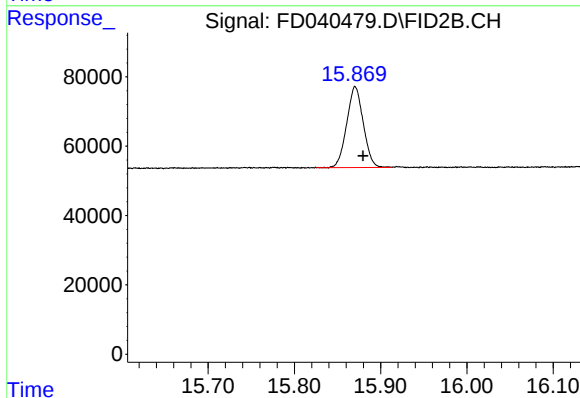
R.T.: 13.911 min
Delta R.T.: -0.007 min
Response: 286744
Conc: 2.05 ug/ml



#15 n-Hexacosane (C26)

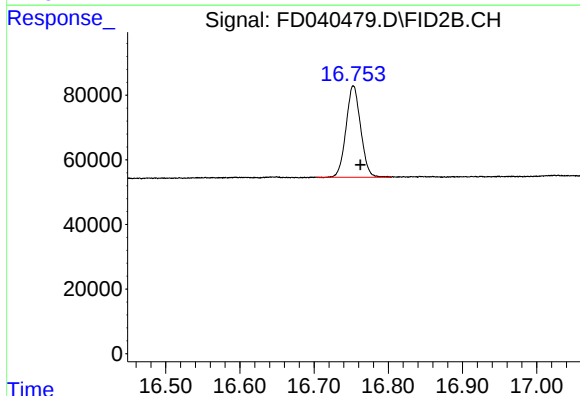
R.T.: 14.926 min
Delta R.T.: -0.008 min
Response: 284387
Conc: 2.06 ug/ml

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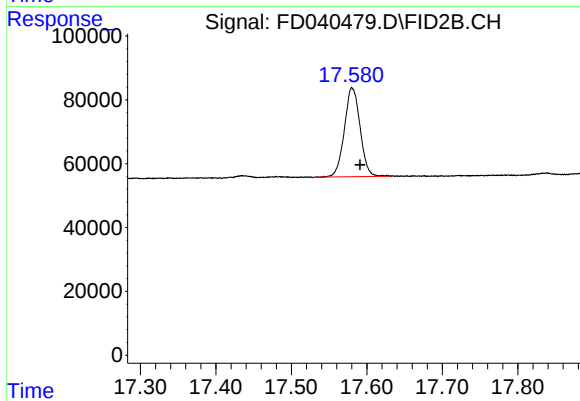
#16 n-Octacosane (C28)

R.T.: 15.871 min
Delta R.T.: -0.009 min
Response: 310586
Conc: 2.29 ug/ml



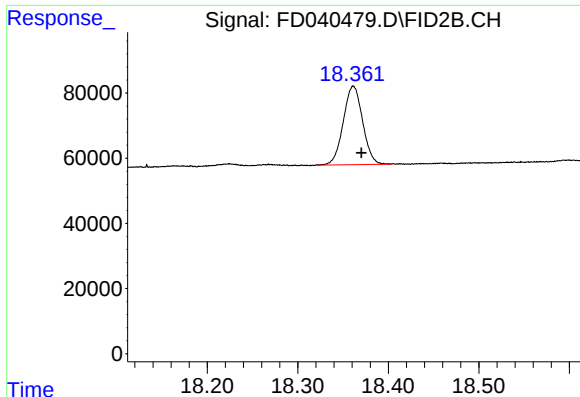
#17 n-Tricontane (C30)

R.T.: 16.753 min
Delta R.T.: -0.009 min
Response: 388320
Conc: 2.98 ug/ml



#18 n-Dotriacontane (C32)

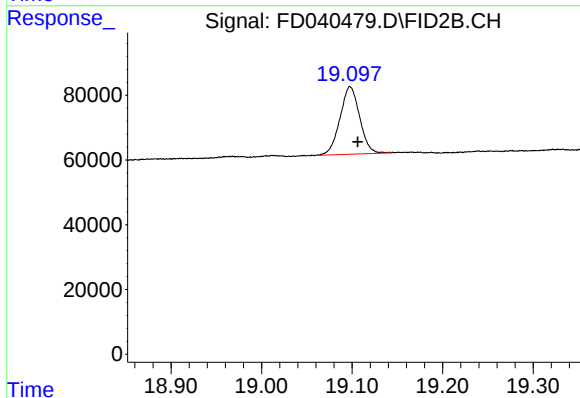
R.T.: 17.580 min
Delta R.T.: -0.011 min
Response: 404058
Conc: 3.38 ug/ml



#19 n-Tetratriacontane (C34)

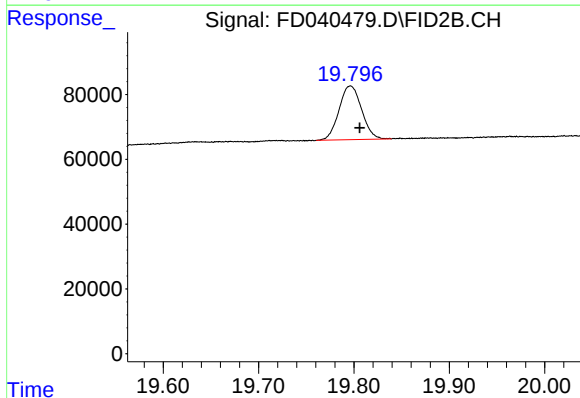
R.T.: 18.361 min
Delta R.T.: -0.009 min
Response: 357467
Conc: 3.39 ug/ml

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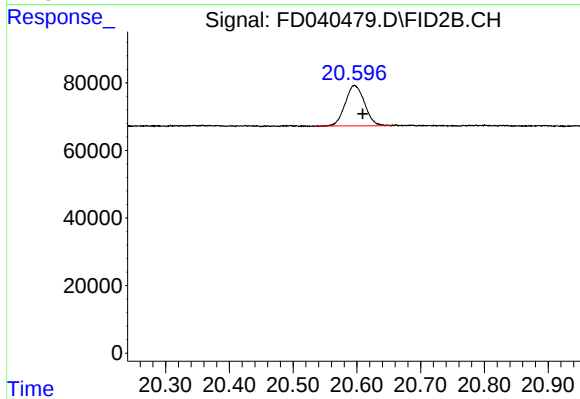
#20 n-Hexatriacontane (C36)

R.T.: 19.098 min
Delta R.T.: -0.008 min
Response: 315069
Conc: 3.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.796 min
Delta R.T.: -0.010 min
Response: 272959
Conc: 3.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.596 min
Delta R.T.: -0.013 min
Response: 253073
Conc: 2.96 ug/ml