

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010722AL\
 Data File : FD040480.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2022 13:49
 Operator : AJ\MA
 Sample : M4068-09
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Jan 07 22:10:10 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	4826193	41.002 ug/ml
Spiked Amount 50.000		Recovery =	82.00%
Target Compounds			
1) T n-Nonane (C9)	2.573	274567	2.139 ug/ml
2) T n-Decane (C10)	3.559	275813	2.142 ug/ml
4) T n-Dodecane (C12)	5.527	282240	2.208 ug/ml
6) T n-Tetradecane (C14)	7.304	290205	2.240 ug/ml
7) T n-Hexadecane (C16)	8.892	297055	2.280 ug/ml
8) T n-Octadecane (C18)	10.323	316271	2.334 ug/ml
10) T n-Eicosane (C20)	11.623	315030	2.316 ug/ml
11) T n-Heneicosane (C21)	12.232	316274	2.284 ug/ml
13) T n-Docosane (C22)	12.814	311193	2.257 ug/ml
14) T n-Tetracosane (C24)	13.911	306090	2.189 ug/ml
15) T n-Hexacosane (C26)	14.926	312838	2.269 ug/ml
16) T n-Octacosane (C28)	15.872	408684	3.012 ug/ml
17) T n-Tricontane (C30)	16.754	659430	5.059 ug/ml
18) T n-Dotriacontane (C32)	17.582	728698	6.096 ug/ml
19) T n-Tetratriacontane (C34)	18.361	608462	5.779 ug/ml
20) T n-Hexatriacontane (C36)	19.097	476531	4.703 ug/ml
21) T n-Octatriacontane (C38)	19.796	388068	4.343 ug/ml
22) T n-Tetracontane (C40)	20.597	322417	3.772 ug/ml

(f)=RT Delta > 1/2 Window

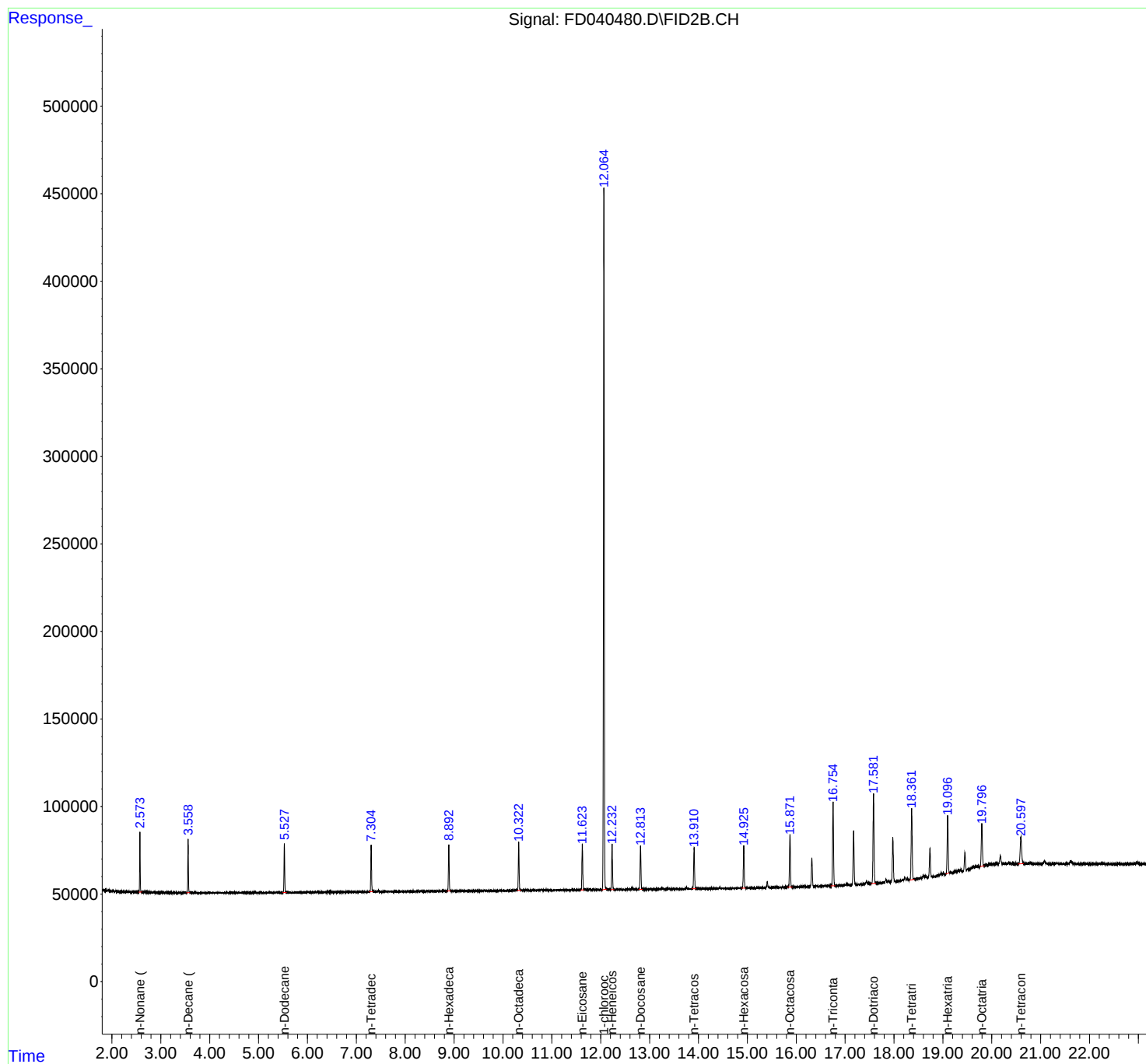
(m)=manual int.

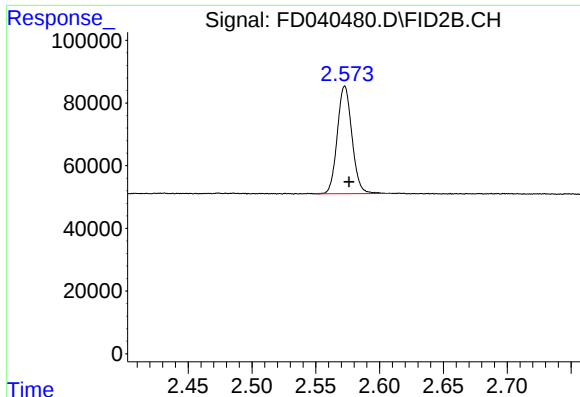
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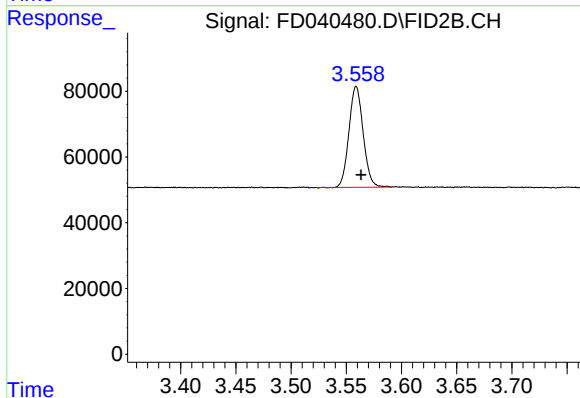




#1 n-Nonane (C9)

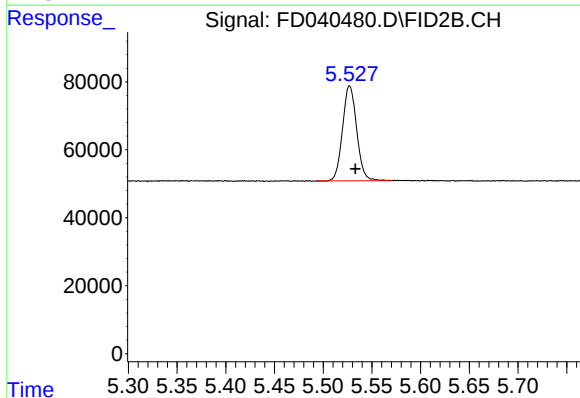
R.T.: 2.573 min
Delta R.T.: -0.003 min
Response: 274567
Conc: 2.14 ug/ml

Instrument :
FID_D
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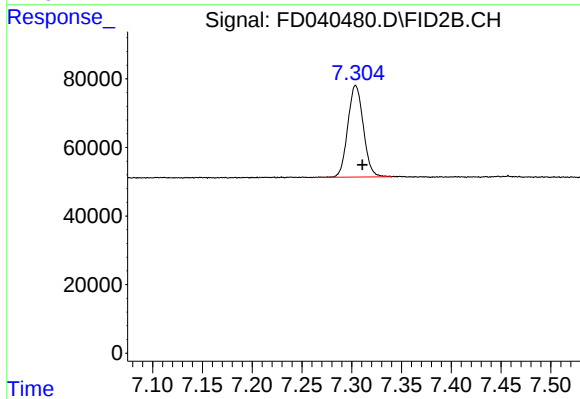
#2 n-Decane (C10)

R.T.: 3.559 min
Delta R.T.: -0.004 min
Response: 275813
Conc: 2.14 ug/ml



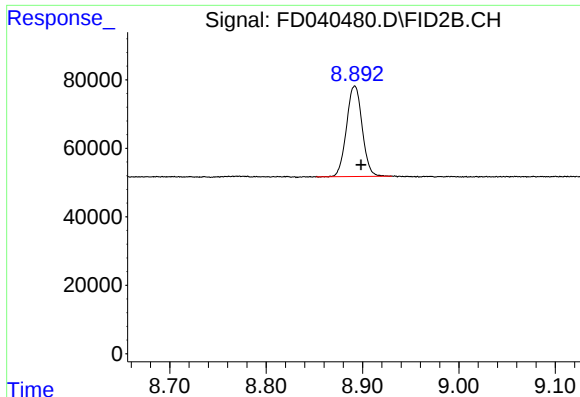
#4 n-Dodecane (C12)

R.T.: 5.527 min
Delta R.T.: -0.006 min
Response: 282240
Conc: 2.21 ug/ml



#6 n-Tetradecane (C14)

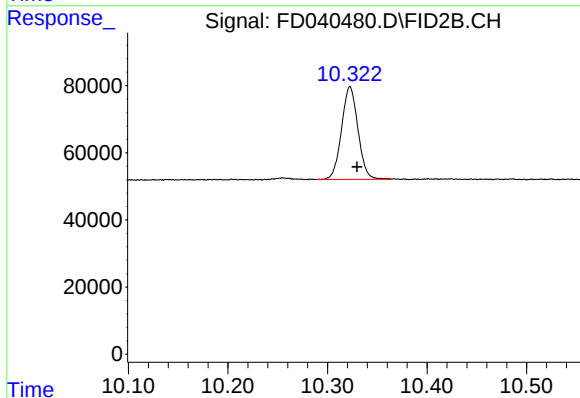
R.T.: 7.304 min
Delta R.T.: -0.007 min
Response: 290205
Conc: 2.24 ug/ml



#7 n-Hexadecane (C16)

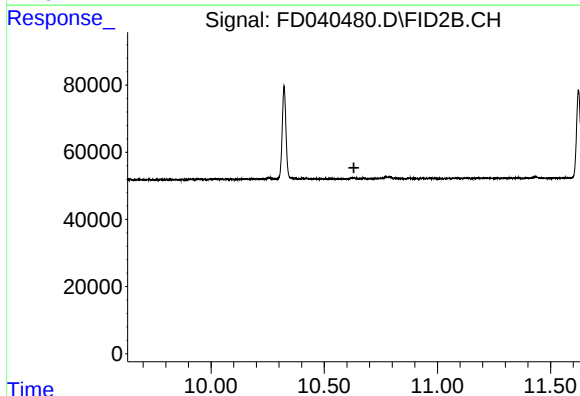
R.T.: 8.892 min
Delta R.T.: -0.007 min
Response: 297055
Conc: 2.28 ug/ml

Instrument :
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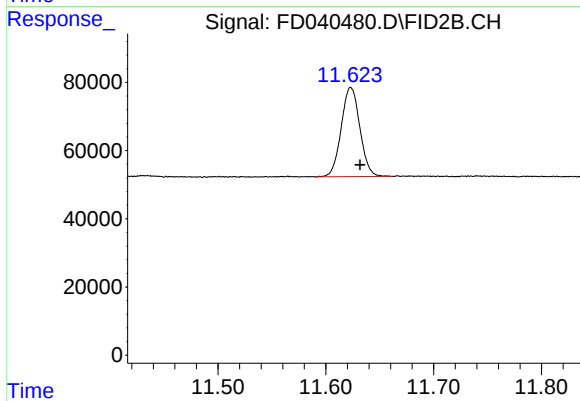
#8 n-Octadecane (C18)

R.T.: 10.323 min
Delta R.T.: -0.007 min
Response: 316271
Conc: 2.33 ug/ml



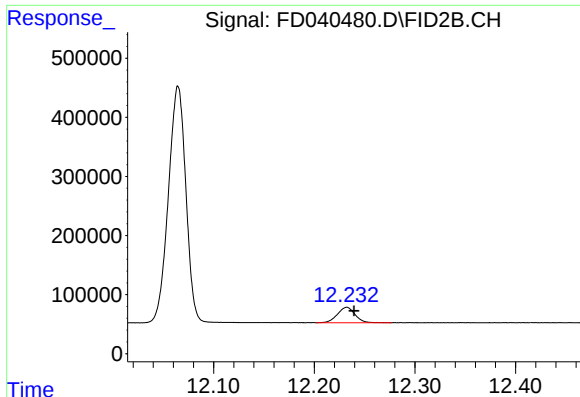
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

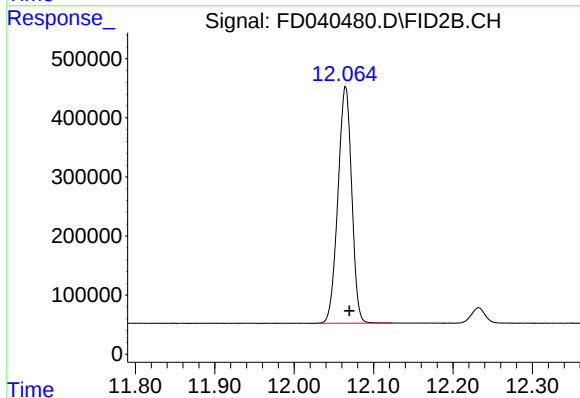
R.T.: 11.623 min
Delta R.T.: -0.008 min
Response: 315030
Conc: 2.32 ug/ml



#11 n-Heneicosane (C21)

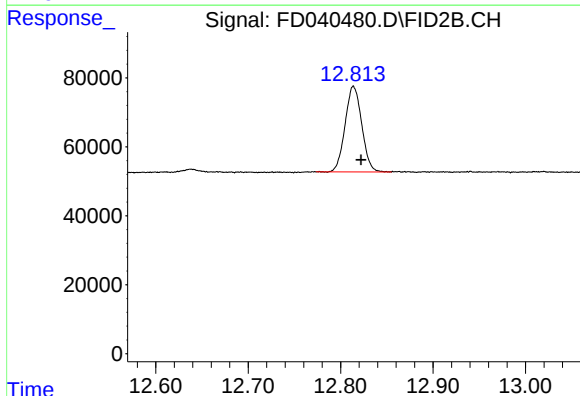
R.T.: 12.232 min
Delta R.T.: -0.007 min
Response: 316274
Conc: 2.28 ug/ml

Instrument :
FID_D
ClientSampleId :
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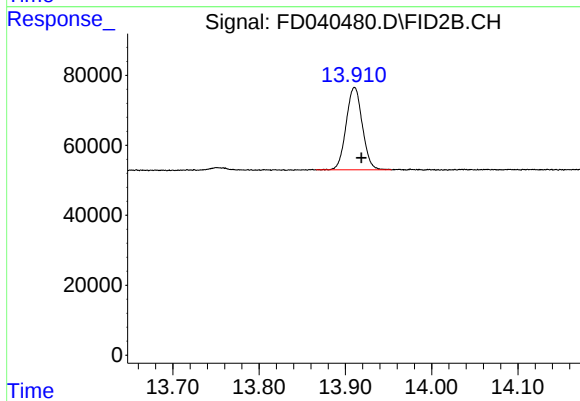
#12 1-chlorooctadecane (SURR)

R.T.: 12.065 min
Delta R.T.: -0.005 min
Response: 4826193
Conc: 41.00 ug/ml



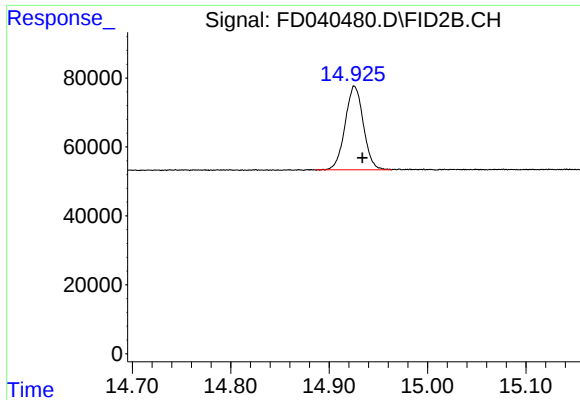
#13 n-Docosane (C22)

R.T.: 12.814 min
Delta R.T.: -0.008 min
Response: 311193
Conc: 2.26 ug/ml



#14 n-Tetracosane (C24)

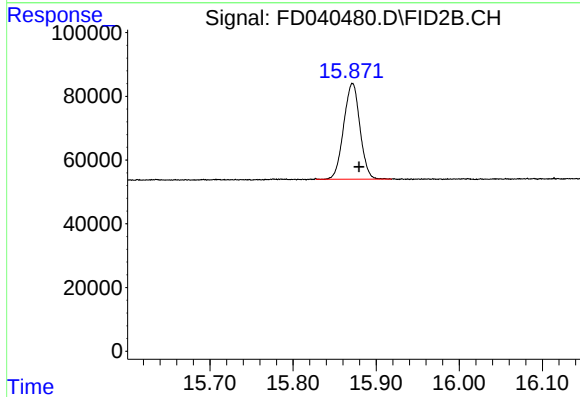
R.T.: 13.911 min
Delta R.T.: -0.008 min
Response: 306090
Conc: 2.19 ug/ml



#15 n-Hexacosane (C26)

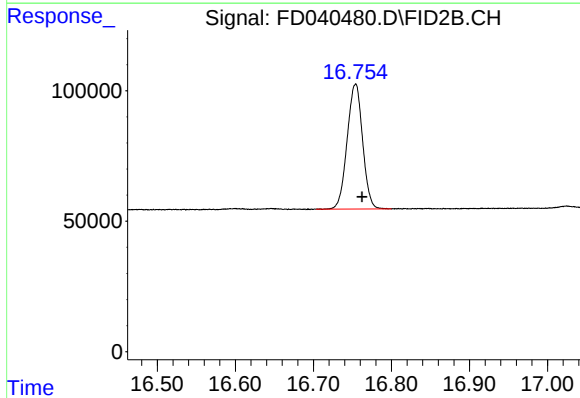
R.T.: 14.926 min
Delta R.T.: -0.008 min
Response: 312838
Conc: 2.27 ug/ml

Instrument :
FID_D
ClientSampleId :
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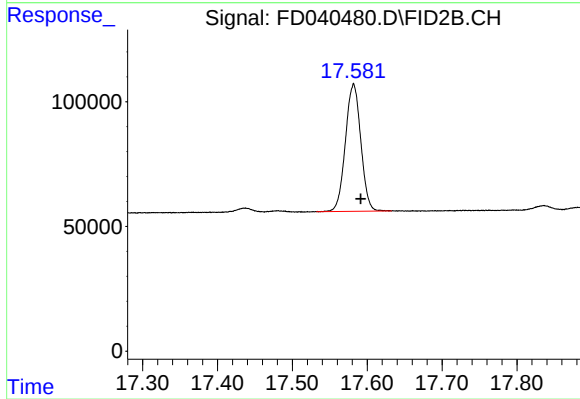
#16 n-Octacosane (C28)

R.T.: 15.872 min
Delta R.T.: -0.008 min
Response: 408684
Conc: 3.01 ug/ml



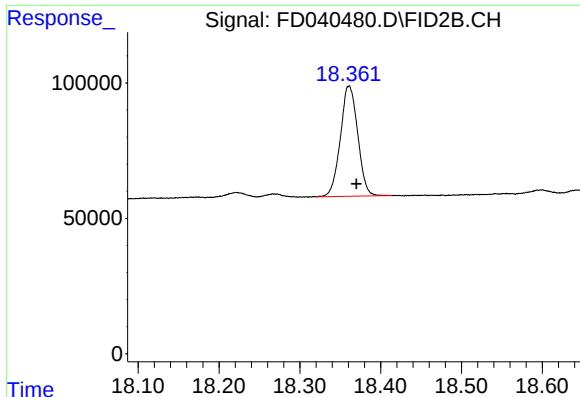
#17 n-Tricontane (C30)

R.T.: 16.754 min
Delta R.T.: -0.008 min
Response: 659430
Conc: 5.06 ug/ml



#18 n-Dotriacontane (C32)

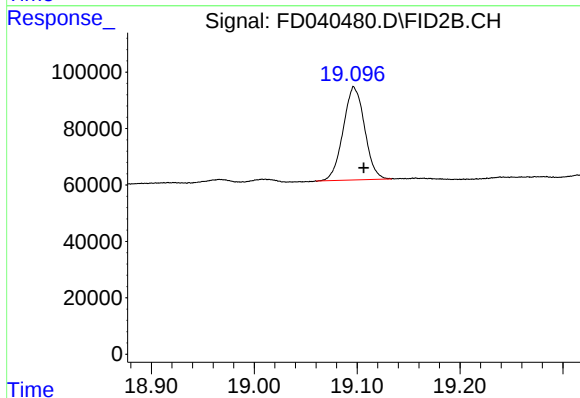
R.T.: 17.582 min
Delta R.T.: -0.009 min
Response: 728698
Conc: 6.10 ug/ml



#19 n-Tetratriacontane (C34)

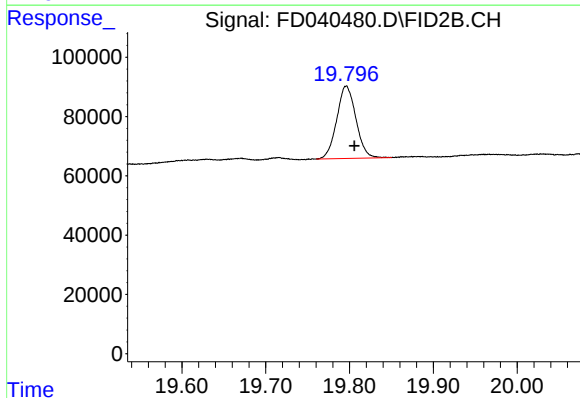
R.T.: 18.361 min
Delta R.T.: -0.009 min
Response: 608462
Conc: 5.78 ug/ml

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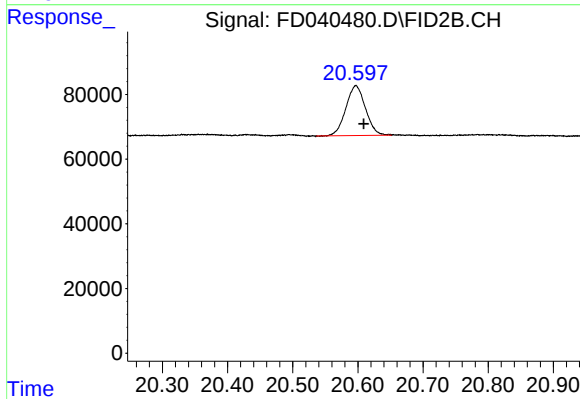
#20 n-Hexatriacontane (C36)

R.T.: 19.097 min
Delta R.T.: -0.009 min
Response: 476531
Conc: 4.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.796 min
Delta R.T.: -0.010 min
Response: 388068
Conc: 4.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.597 min
Delta R.T.: -0.012 min
Response: 322417
Conc: 3.77 ug/ml