

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081123AL\
 Data File : FG012683.D
 Signal(s) : FID1A.ch
 Acq On : 11 Aug 2023 12:10
 Operator : YP\AJ
 Sample : 03572-03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File: autoint1.e
 Quant Time: Aug 12 03:57:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 15:32:13 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...	13.424	5083057	48.734 ug/ml
Spiked Amount 50.000		Recovery =	97.47%
Target Compounds			
1) T n-Nonane (C9)	3.345	276916	2.666 ug/ml
2) T n-Decane (C10)	4.597	272362	2.597 ug/ml
4) T n-Dodecane (C12)	6.767	282363	2.644 ug/ml
6) T n-Tetradecane (C14)	8.601	288874	2.689 ug/ml
7) T n-Hexadecane (C16)	10.212	294058	2.703 ug/ml
8) T n-Octadecane (C18)	11.660	312215	2.830 ug/ml
10) T n-Eicosane (C20)	12.974	296413	2.686 ug/ml
11) T n-Heneicosane (C21)	13.587	296912	2.690 ug/ml
13) T n-Docosane (C22)	14.175	293837	2.684 ug/ml
14) T n-Tetracosane (C24)	15.280	291674	2.703 ug/ml
15) T n-Hexacosane (C26)	16.304	283816	2.702 ug/ml
16) T n-Octacosane (C28)	17.255	279509	2.761 ug/ml
17) T n-Tricontane (C30)	18.145	284507	2.856 ug/ml
18) T n-Dotriacontane (C32)	18.977	310722	3.144 ug/ml
19) T n-Tetratriacontane (C34)	19.761	265685	2.888 ug/ml
20) T n-Hexatriacontane (C36)	20.501	247347	2.755 ug/ml
21) T n-Octatriacontane (C38)	21.259	223963	2.637 ug/ml
22) T n-Tetracontane (C40)	22.206	213377	2.614 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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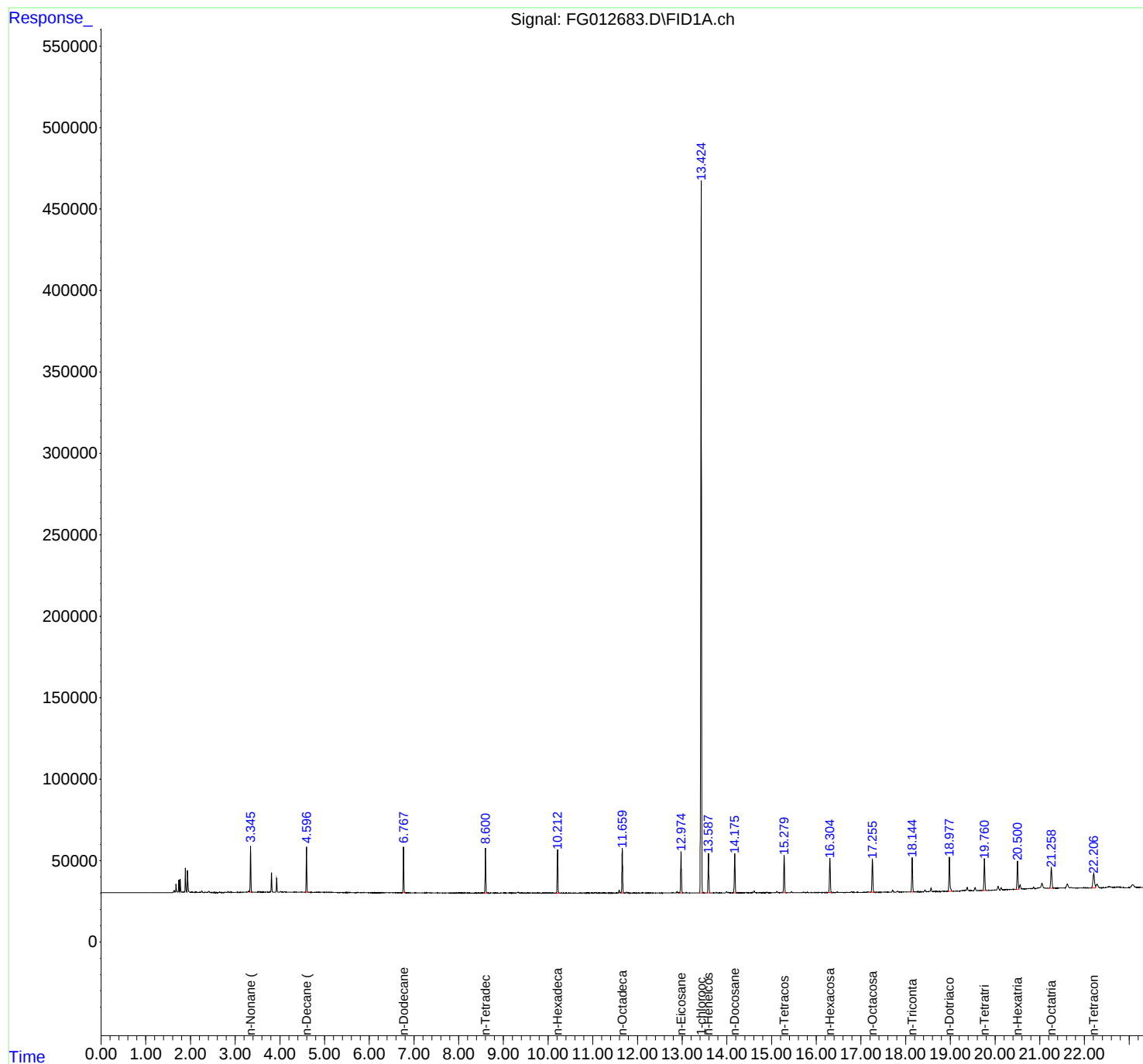
Instrument :
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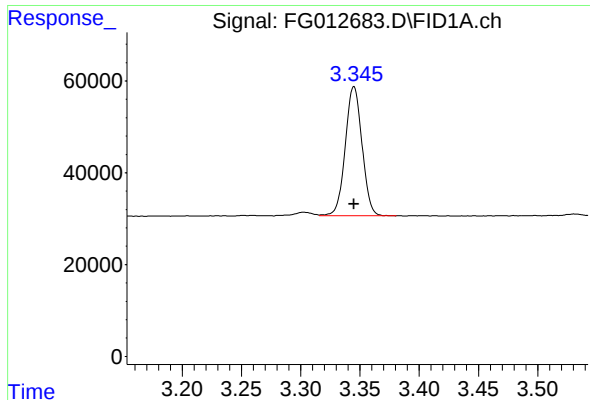
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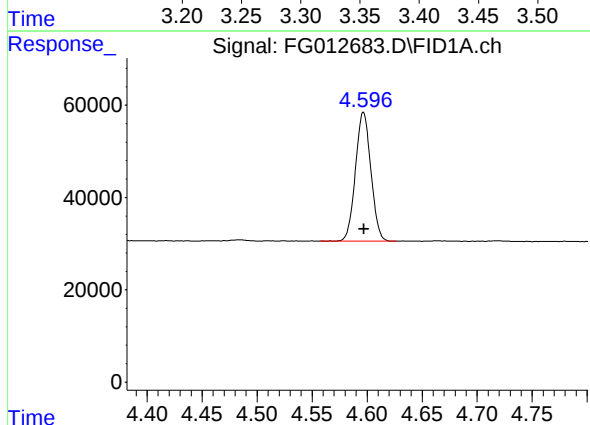
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 276916
Conc: 2.67 ug/ml

Instrument :
FID_G
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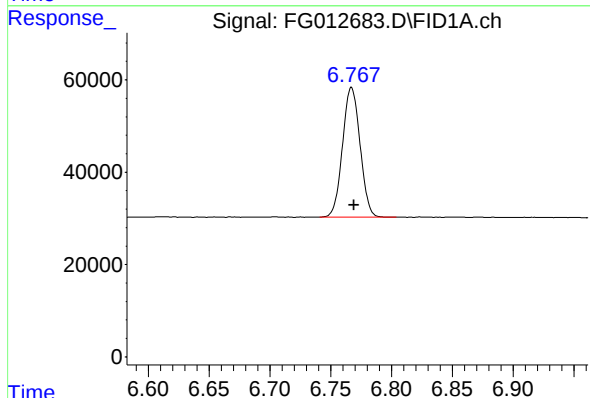
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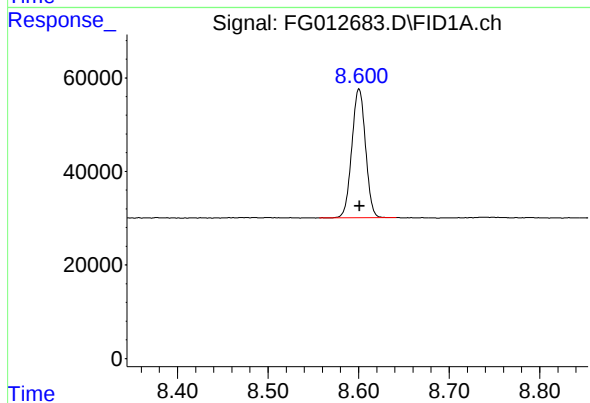
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 272362
Conc: 2.60 ug/ml



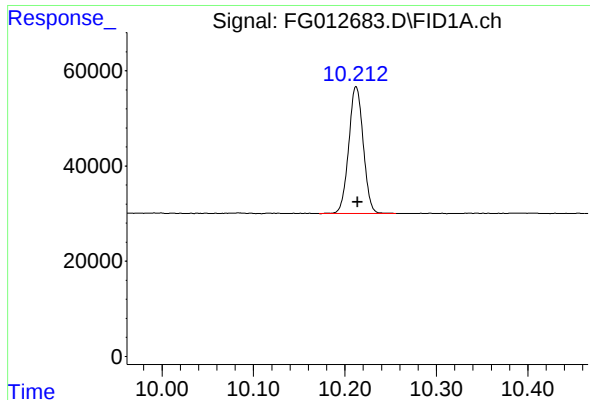
#4 n-Dodecane (C12)

R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 282363
Conc: 2.64 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 288874
Conc: 2.69 ug/ml



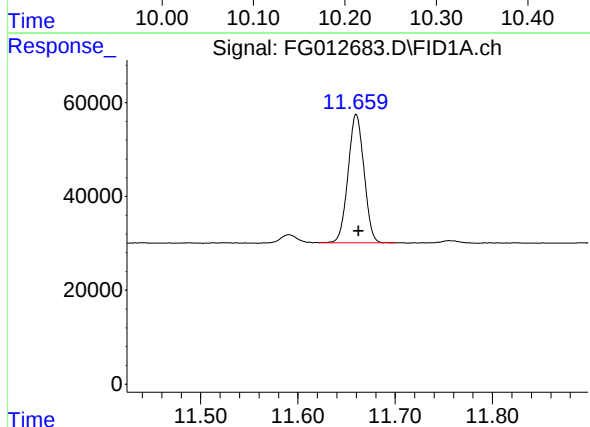
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.002 min
Response: 294058
Conc: 2.70 ug/ml

Instrument :
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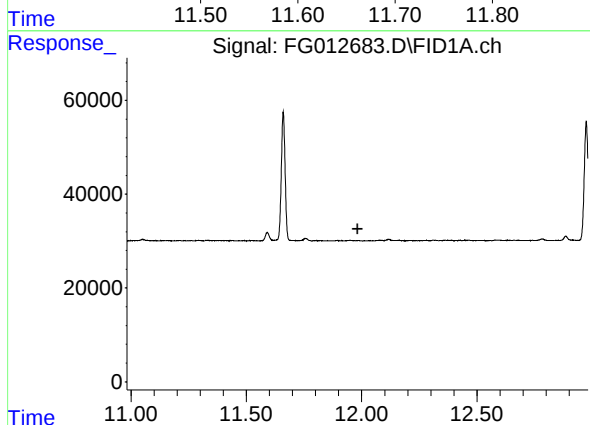
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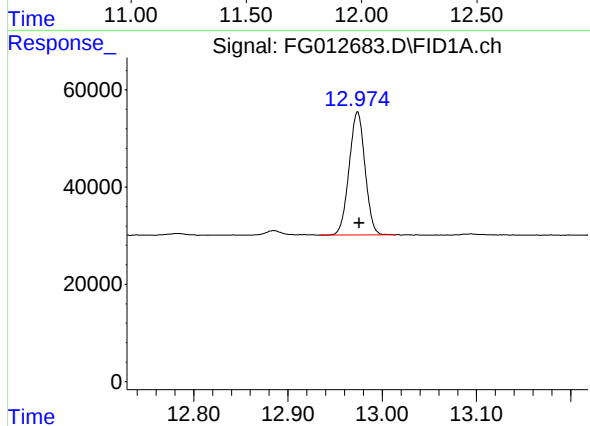
#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.003 min
Response: 312215
Conc: 2.83 ug/ml



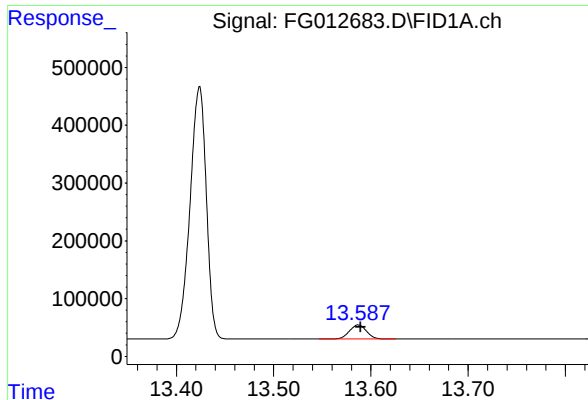
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.982 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: -0.002 min
Response: 296413
Conc: 2.69 ug/ml



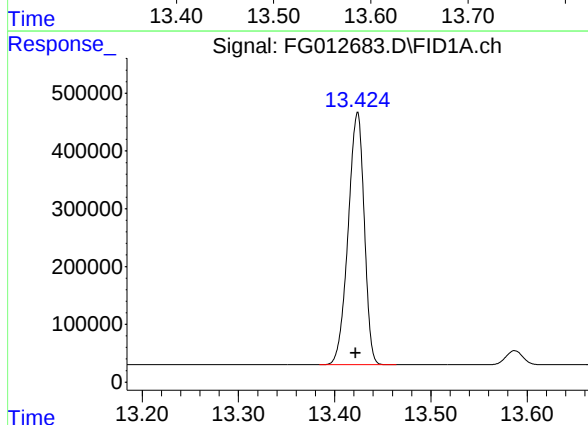
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: -0.002 min
Response: 296912
Conc: 2.69 ug/ml

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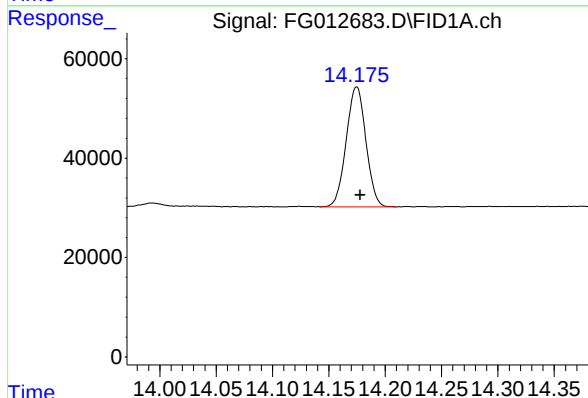
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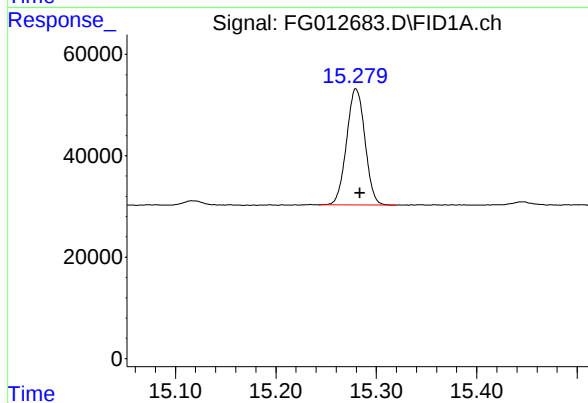
#12 1-chlorooctadecane (SURR)

R.T.: 13.424 min
Delta R.T.: 0.002 min
Response: 5083057
Conc: 48.73 ug/ml



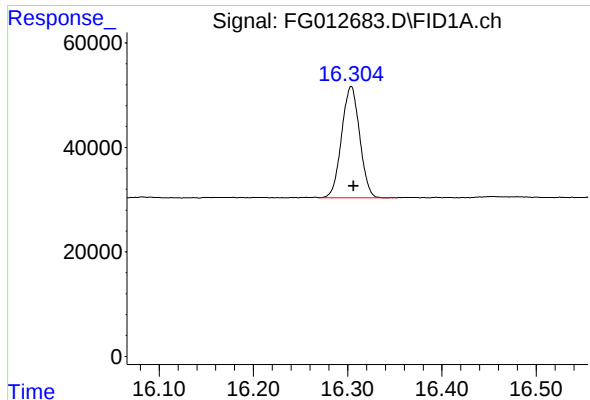
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: -0.003 min
Response: 293837
Conc: 2.68 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: -0.004 min
Response: 291674
Conc: 2.70 ug/ml



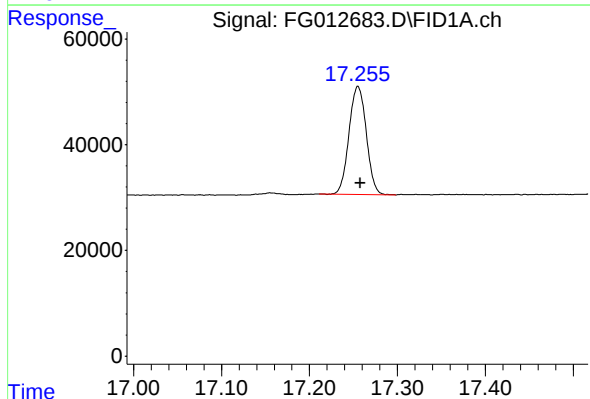
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: -0.003 min
Response: 283816
Conc: 2.70 ug/ml

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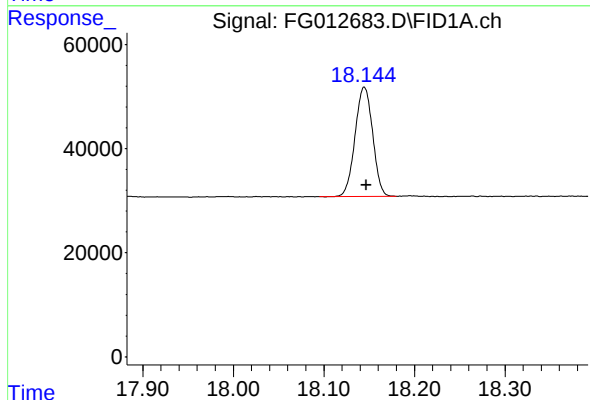
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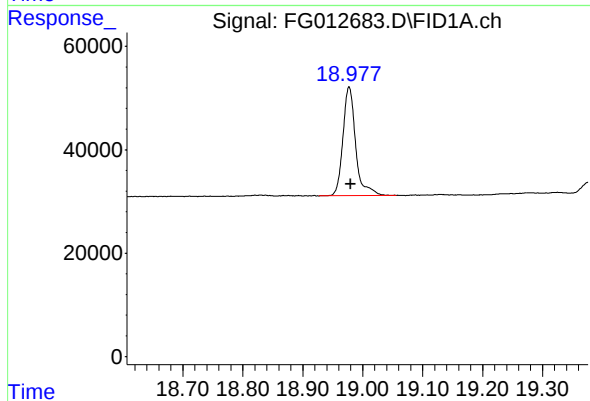
#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: -0.003 min
Response: 279509
Conc: 2.76 ug/ml



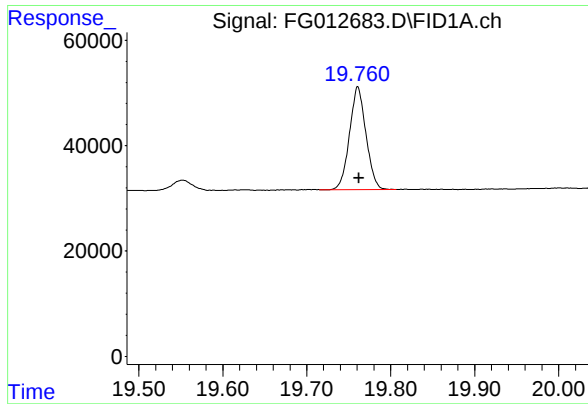
#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: -0.002 min
Response: 284507
Conc: 2.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.003 min
Response: 310722
Conc: 3.14 ug/ml



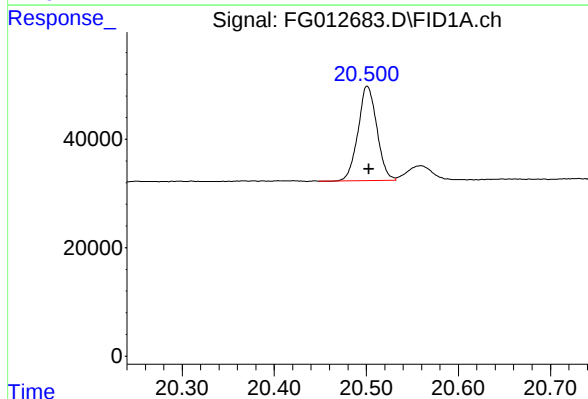
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min
Delta R.T.: -0.001 min
Response: 265685
Conc: 2.89 ug/ml

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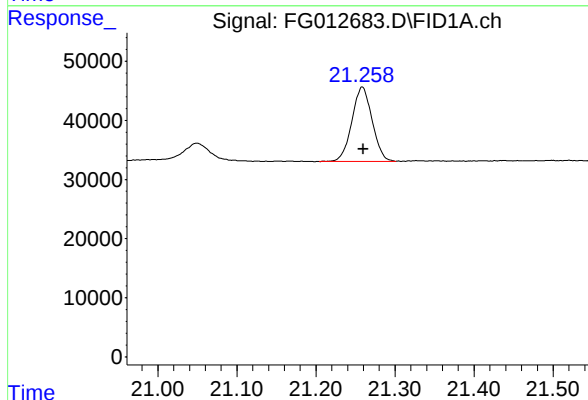
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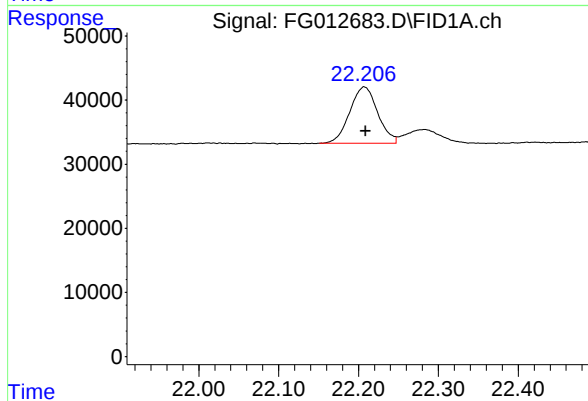
#20 n-Hexatriacontane (C36)

R.T.: 20.501 min
Delta R.T.: -0.002 min
Response: 247347
Conc: 2.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.259 min
Delta R.T.: -0.001 min
Response: 223963
Conc: 2.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.206 min
Delta R.T.: -0.003 min
Response: 213377
Conc: 2.61 ug/ml m