

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066540.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 17:41
 Operator : YP/AJ
 Sample : PB161326BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161326BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 04:44:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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...	12.994	4483279	39.234 ug/ml
Spiked Amount 50.000		Recovery =	78.47%
Target Compounds			
1) T n-Nonane (C9)	3.312	3377824	24.135 ug/ml
2) T n-Decane (C10)	4.380	4249478	29.534 ug/ml
4) T n-Dodecane (C12)	6.401	4685310	32.538 ug/ml
6) T n-Tetradecane (C14)	8.198	5332002	37.769 ug/ml
7) T n-Hexadecane (C16)	9.799	6022969	41.909 ug/ml
8) T n-Octadecane (C18)	11.241	6589950	46.049 ug/ml
10) T n-Eicosane (C20)	12.552	6771268	49.765 ug/ml
11) T n-Heneicosane (C21)	13.163	6541799	49.074 ug/ml
13) T n-Docosane (C22)	13.750	6502182	49.334 ug/ml
14) T n-Tetracosane (C24)	14.853	6416657	49.292 ug/ml
15) T n-Hexacosane (C26)	15.875	6303802	49.566 ug/ml
16) T n-Octacosane (C28)	16.824	6189647	49.857 ug/ml
17) T n-Tricontane (C30)	17.712	6213347	49.302 ug/ml
18) T n-Dotriacontane (C32)	18.545	6188852	50.284 ug/ml
19) T n-Tetratriacontane (C34)	19.327	6147365	51.260 ug/ml
20) T n-Hexatriacontane (C36)	20.067	6153720	50.792 ug/ml
21) T n-Octatriacontane (C38)	20.801	5983402	51.723 ug/ml
22) T n-Tetracontane (C40)	21.712	5720555	46.700 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB161326BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

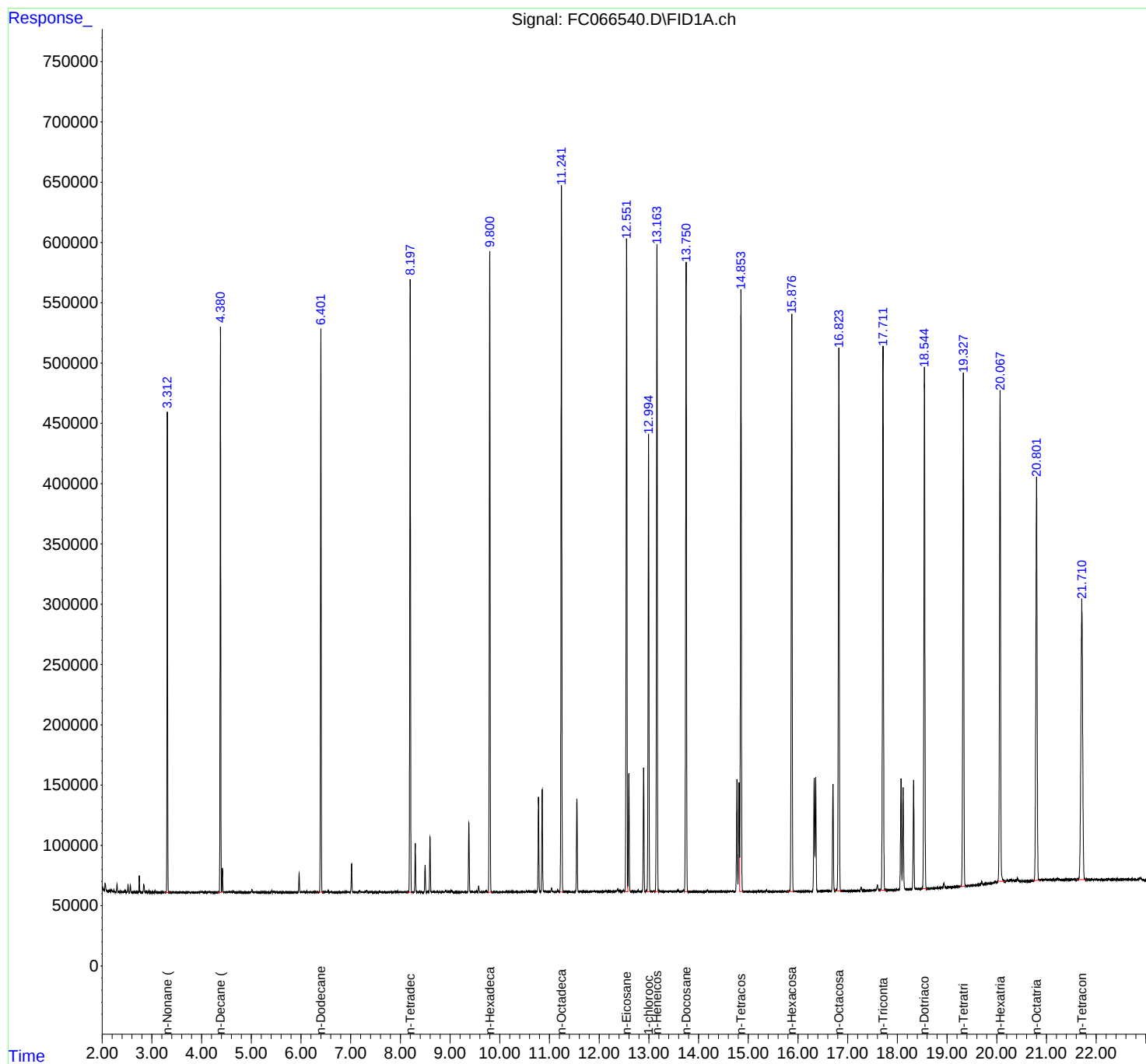
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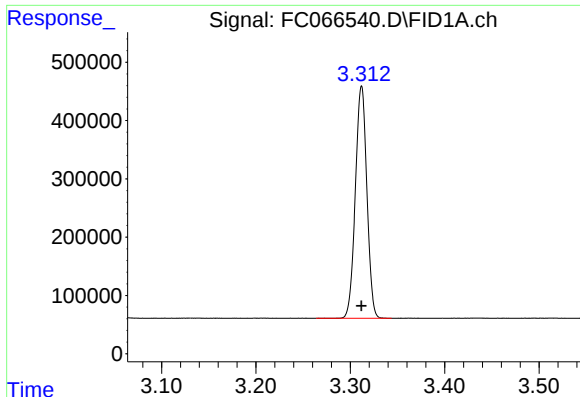
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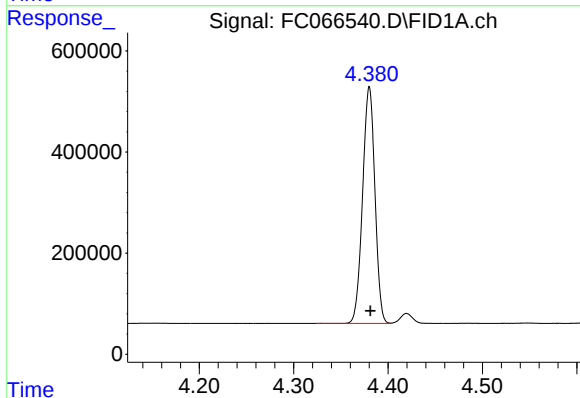
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 3377824
Conc: 24.14 ug/ml

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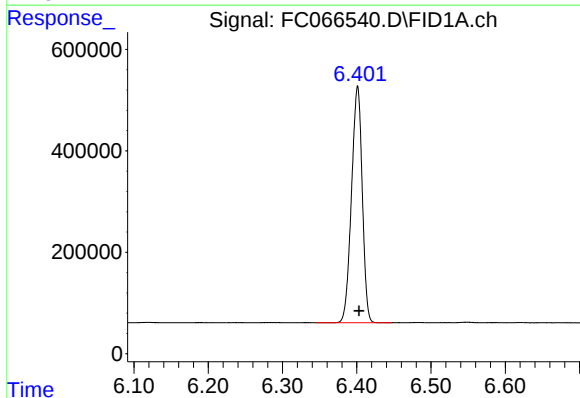
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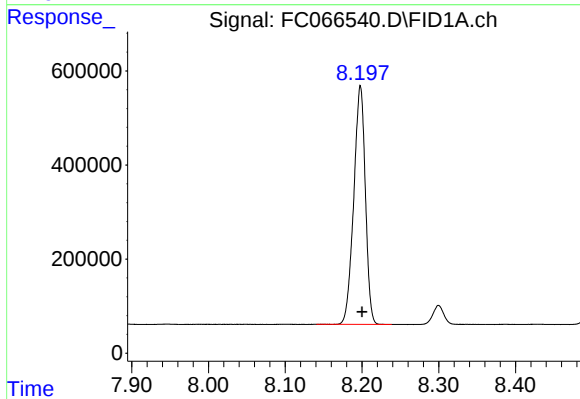
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.001 min
Response: 4249478
Conc: 29.53 ug/ml



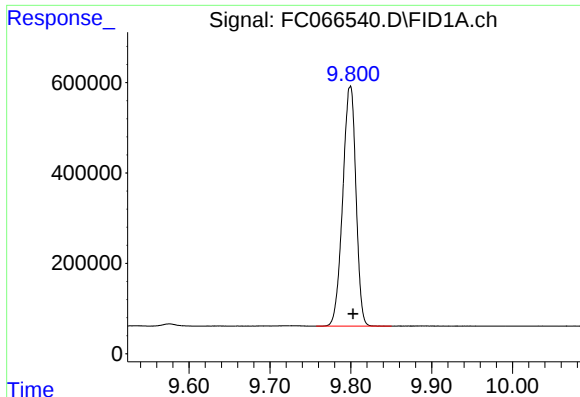
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 4685310
Conc: 32.54 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.003 min
Response: 5332002
Conc: 37.77 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.003 min
Response: 6022969
Conc: 41.91 ug/ml

Instrument :

FID_C

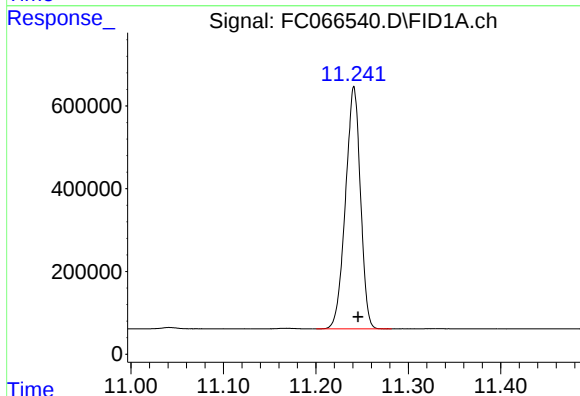
ClientSampleId :

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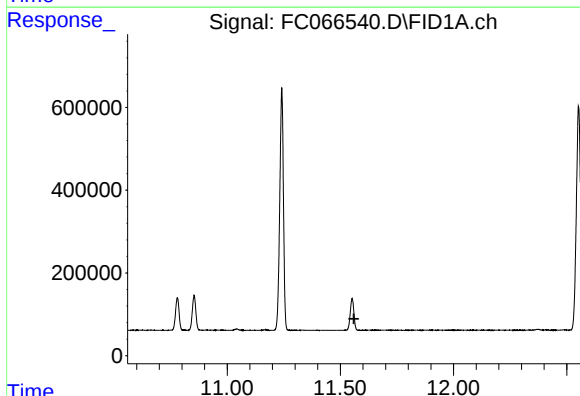
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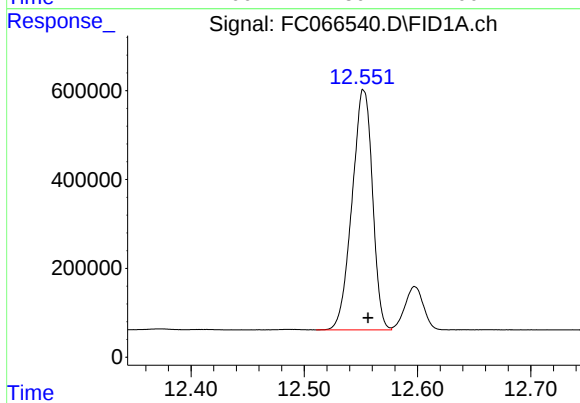
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: -0.005 min
Response: 6589950
Conc: 46.05 ug/ml



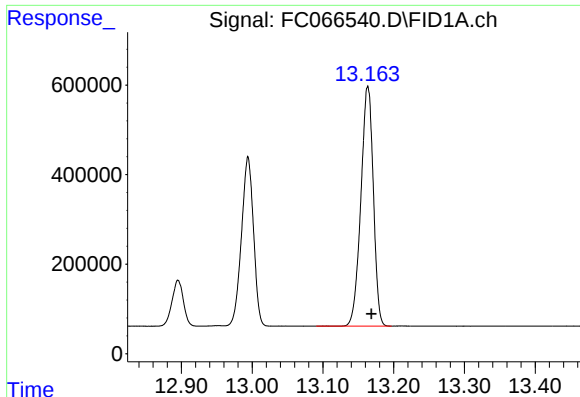
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.560 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.004 min
Response: 6771268
Conc: 49.77 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.005 min
Response: 6541799
Conc: 49.07 ug/ml

Instrument :

FID_C

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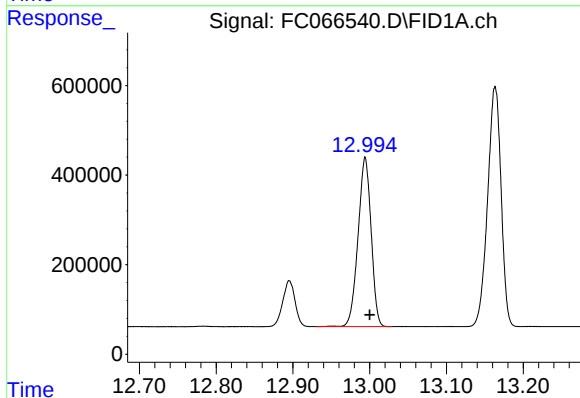
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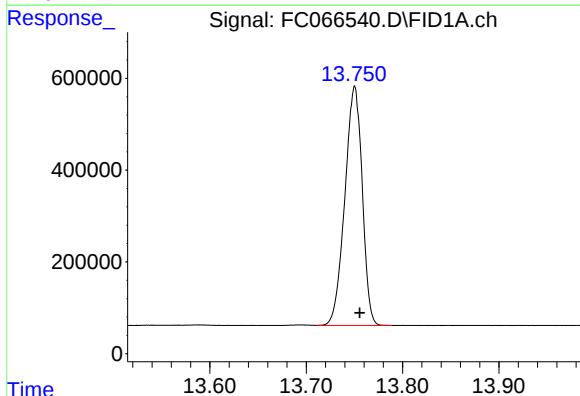
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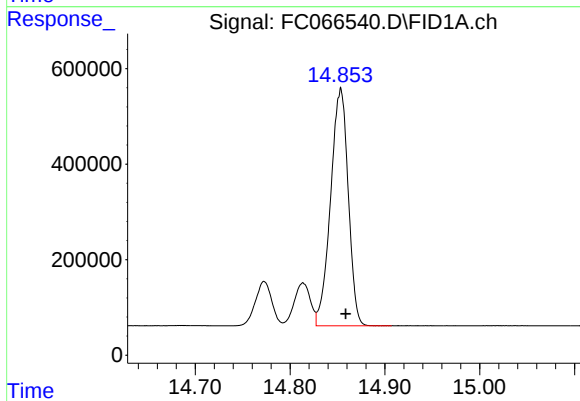
#12 1-chlorooctadecane (SURR)

R.T.: 12.994 min
Delta R.T.: -0.006 min
Response: 4483279
Conc: 39.23 ug/ml



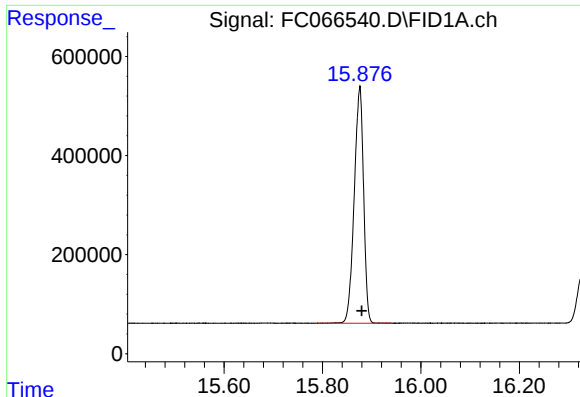
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.005 min
Response: 6502182
Conc: 49.33 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.006 min
Response: 6416657
Conc: 49.29 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.004 min
Response: 6303802
Conc: 49.57 ug/ml

Instrument :

FID_C

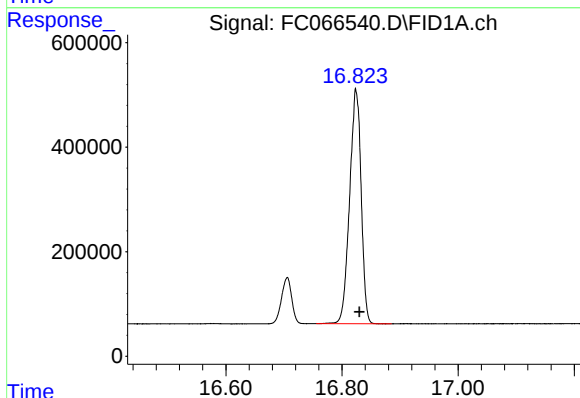
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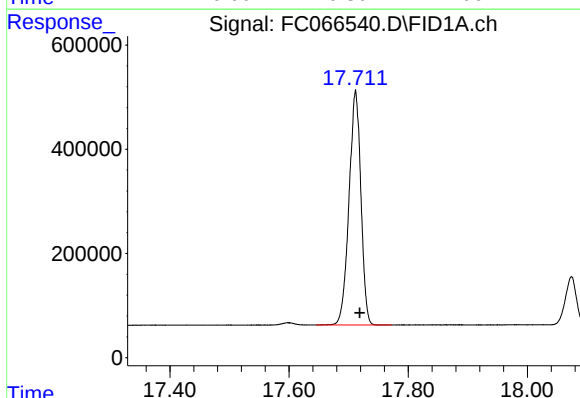
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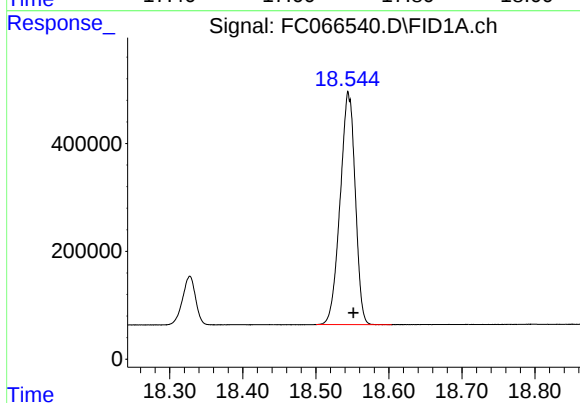
#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: -0.006 min
Response: 6189647
Conc: 49.86 ug/ml



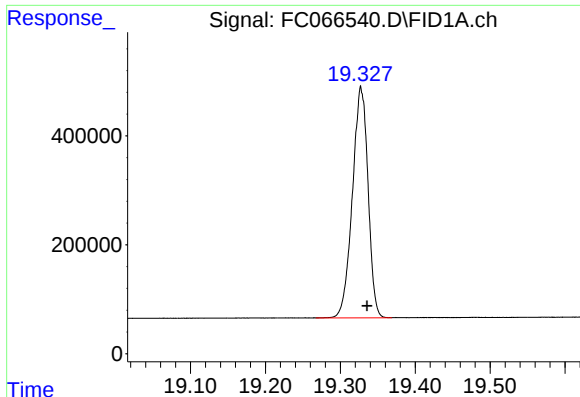
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: -0.007 min
Response: 6213347
Conc: 49.30 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.007 min
Response: 6188852
Conc: 50.28 ug/ml



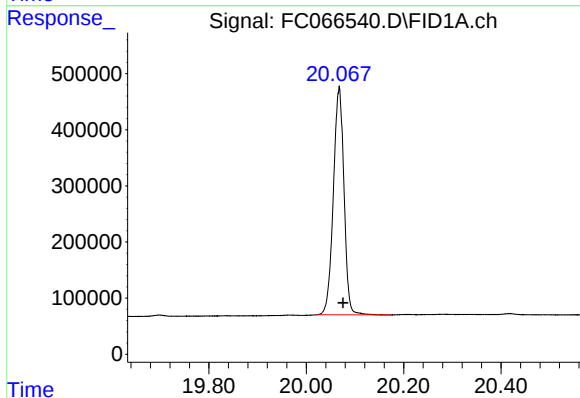
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.009 min
Response: 6147365
Conc: 51.26 ug/ml

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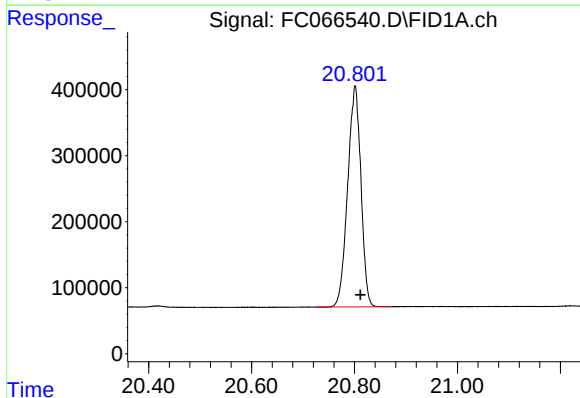
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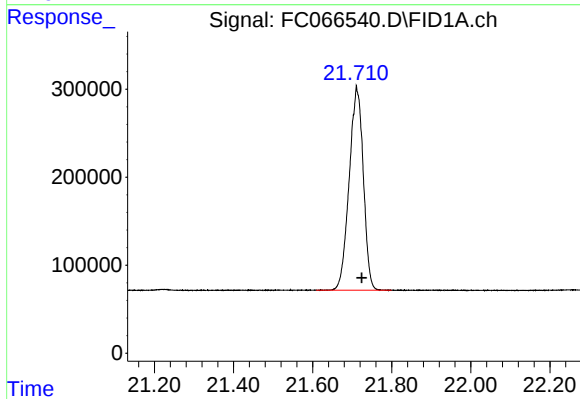
#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: -0.008 min
Response: 6153720
Conc: 50.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.011 min
Response: 5983402
Conc: 51.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.013 min
Response: 5720555
Conc: 46.70 ug/ml