

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060724AL\
 Data File : FC066555.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2024 17:36
 Operator : YP/AJ
 Sample : PB161384BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161384BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :Ankita Jodhani 06/10/2024

Integration File: autoint1.e
 Quant Time: Jun 08 02:07:00 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	4044853	35.398 ug/ml
Spiked Amount 50.000		Recovery =	70.80%
Target Compounds			
1) T n-Nonane (C9)	3.309	3490029	24.937 ug/ml
2) T n-Decane (C10)	4.378	4389100	30.504 ug/ml
4) T n-Dodecane (C12)	6.399	4778600	33.186 ug/ml
6) T n-Tetradecane (C14)	8.196	5242211	37.133 ug/ml
7) T n-Hexadecane (C16)	9.798	5753632	40.035 ug/ml
8) T n-Octadecane (C18)	11.241	6243530	43.629 ug/ml
10) T n-Eicosane (C20)	12.551	6464762	47.512 ug/ml
11) T n-Heneicosane (C21)	13.163	6280263	47.112 ug/ml
13) T n-Docosane (C22)	13.749	6252303	47.438 ug/ml
14) T n-Tetracosane (C24)	14.851	6176917	47.451 ug/ml
15) T n-Hexacosane (C26)	15.873	6068911	47.719 ug/ml
16) T n-Octacosane (C28)	16.822	5959159	48.000 ug/ml
17) T n-Tricontane (C30)	17.710	5989061	47.522 ug/ml
18) T n-Dotriacontane (C32)	18.542	5963772	48.455 ug/ml
19) T n-Tetratriacontane (C34)	19.327	5912656	49.303 ug/mlm
20) T n-Hexatriacontane (C36)	20.068	5966457	49.246 ug/mlm
21) T n-Octatriacontane (C38)	20.800	5742856	49.644 ug/ml
22) T n-Tetracontane (C40)	21.711	5455564	44.537 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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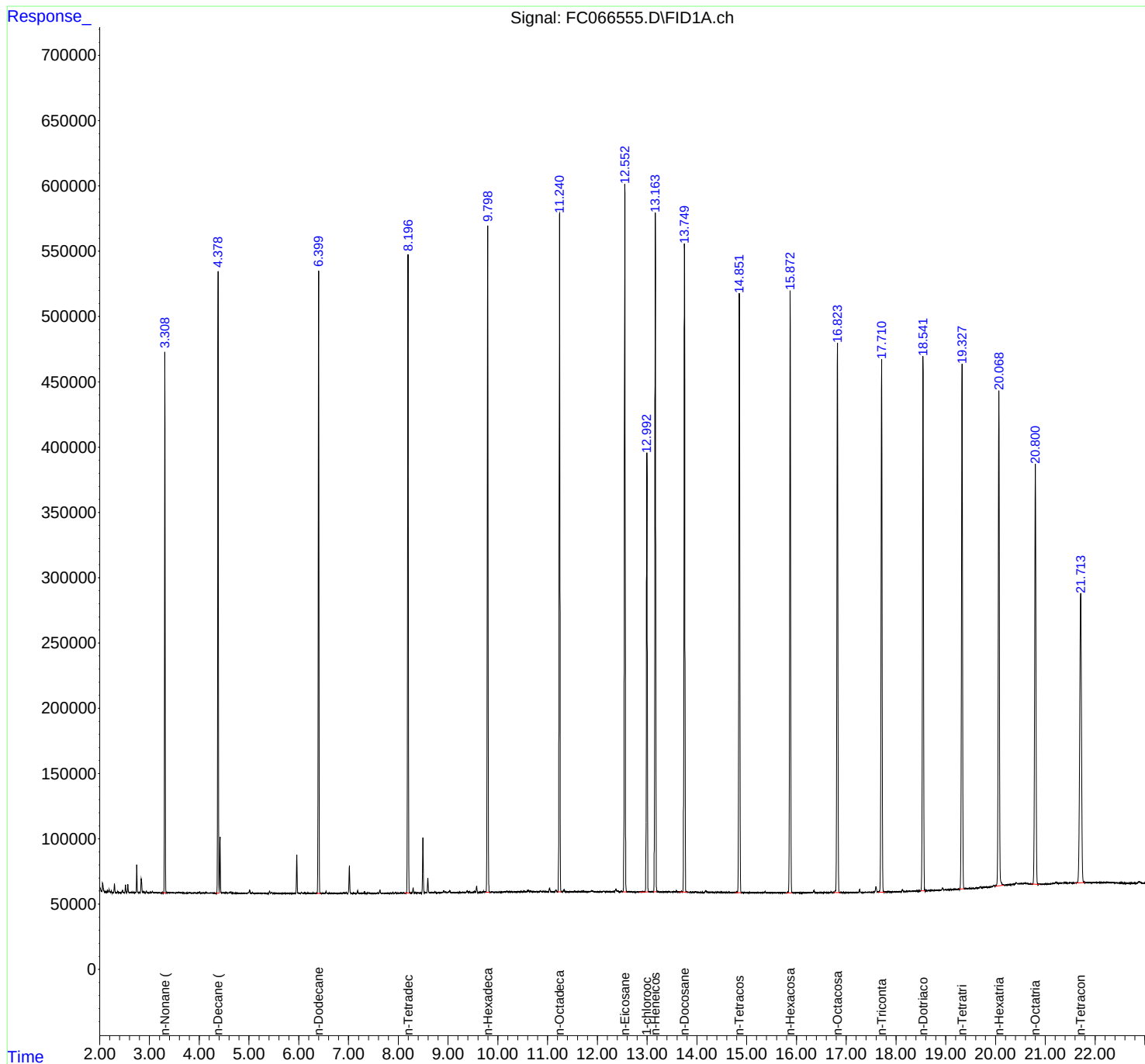
Instrument :
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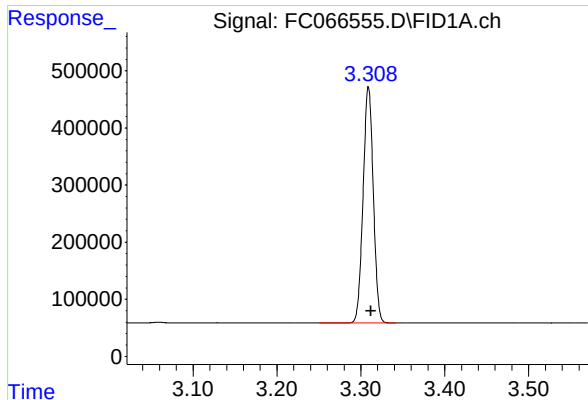
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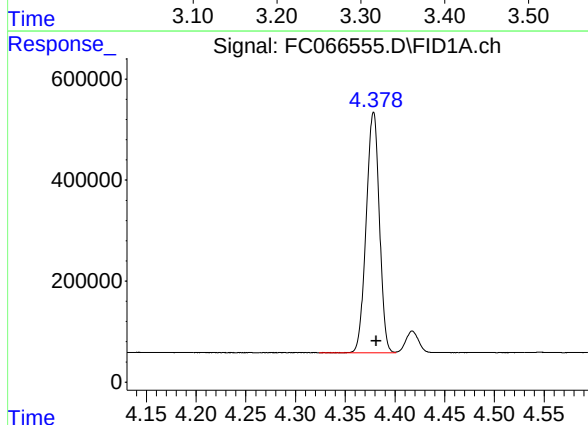
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 3490029
Conc: 24.94 ug/ml

Instrument :
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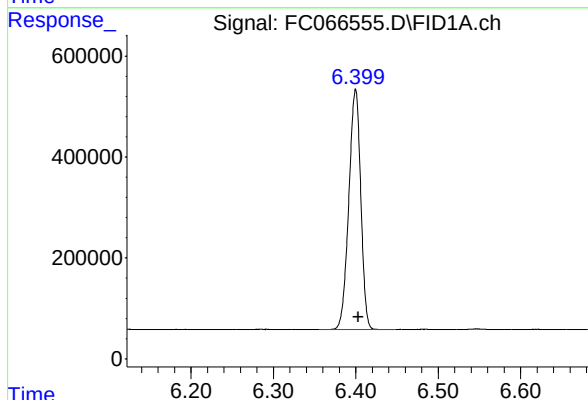
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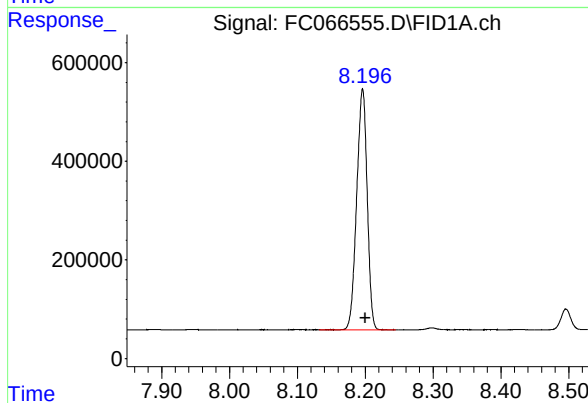
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.003 min
Response: 4389100
Conc: 30.50 ug/ml



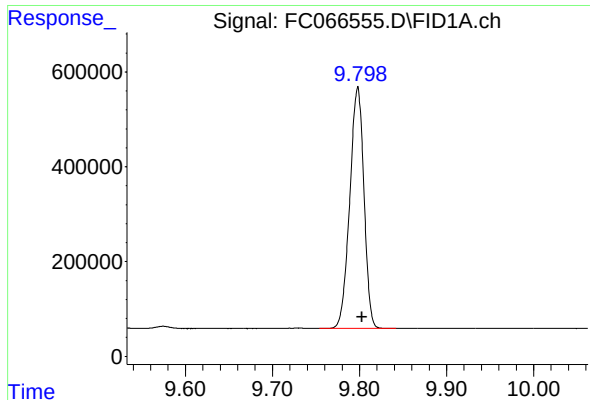
#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 4778600
Conc: 33.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.004 min
Response: 5242211
Conc: 37.13 ug/ml



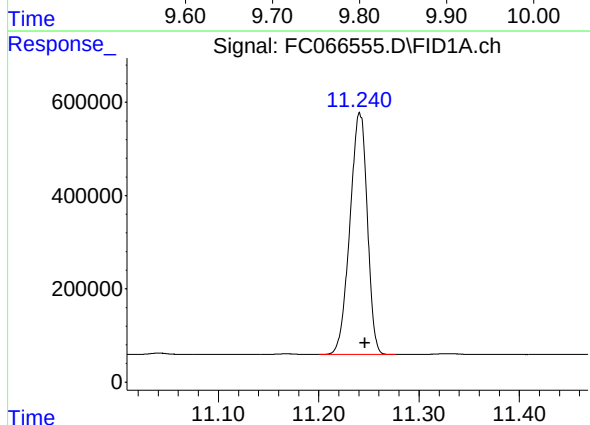
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.005 min
Response: 5753632
Conc: 40.03 ug/ml

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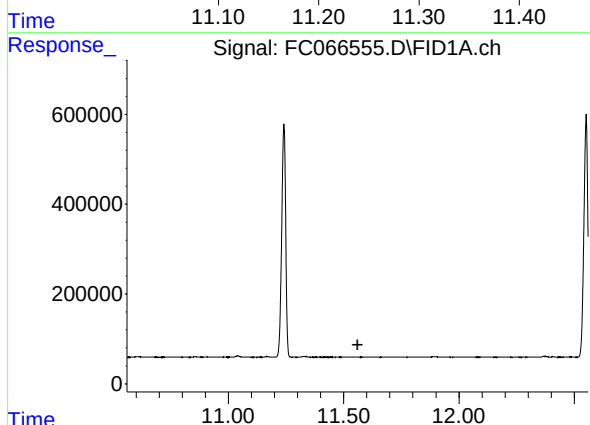
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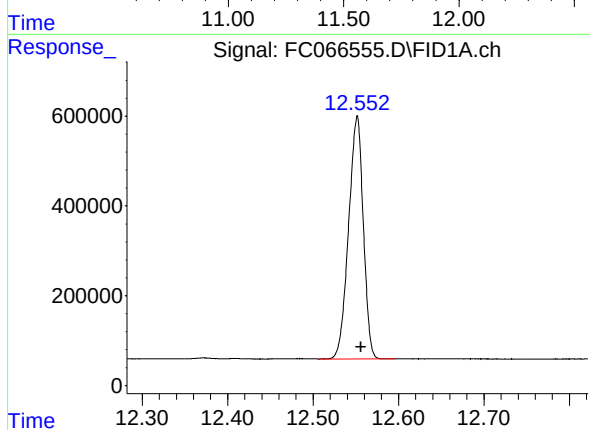
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: -0.005 min
Response: 6243530
Conc: 43.63 ug/ml



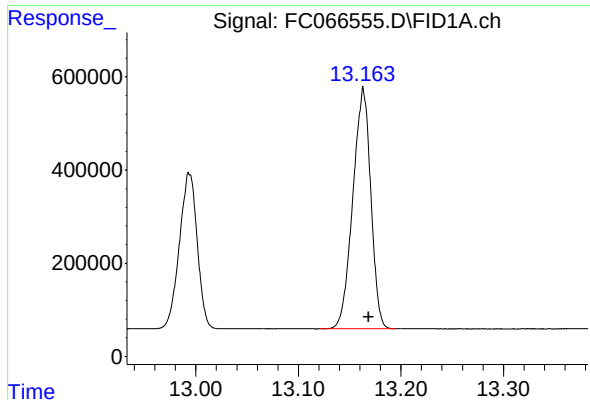
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.005 min
Response: 6464762
Conc: 47.51 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.005 min
Response: 6280263
Conc: 47.11 ug/ml

Instrument :

FID_C

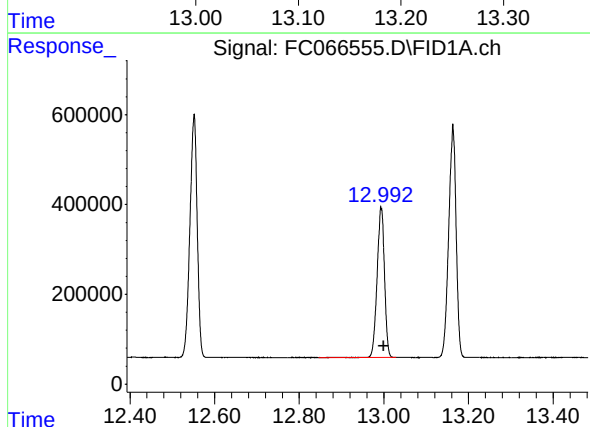
ClientSampleId :

PB161384BSD

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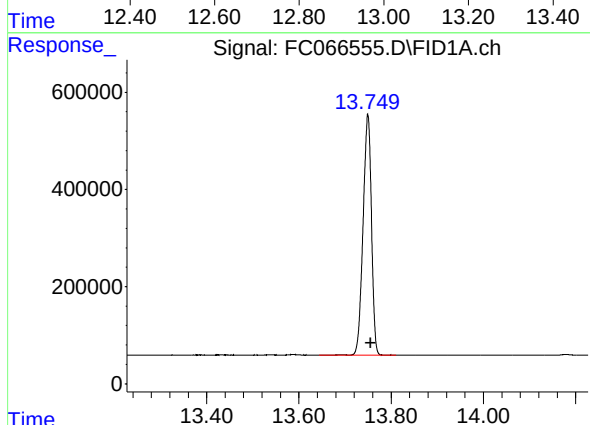
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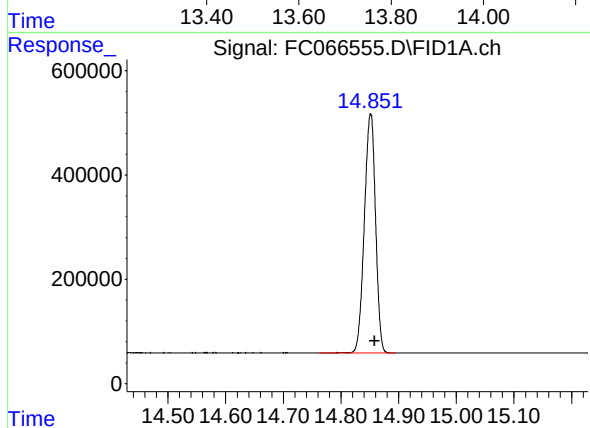
#12 1-chlorooctadecane (SURR)

R.T.: 12.994 min
Delta R.T.: -0.006 min
Response: 4044853
Conc: 35.40 ug/ml



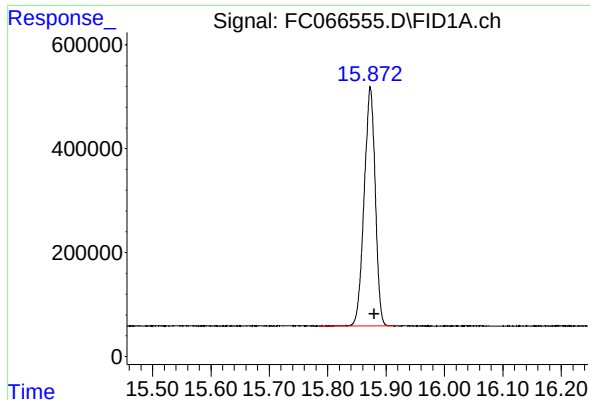
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.006 min
Response: 6252303
Conc: 47.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.007 min
Response: 6176917
Conc: 47.45 ug/ml



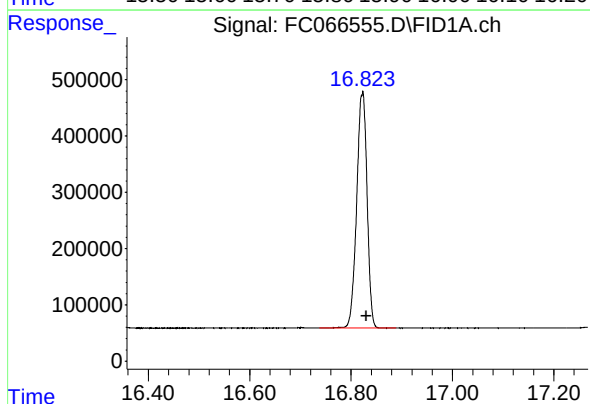
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.007 min
Response: 6068911
Conc: 47.72 ug/ml

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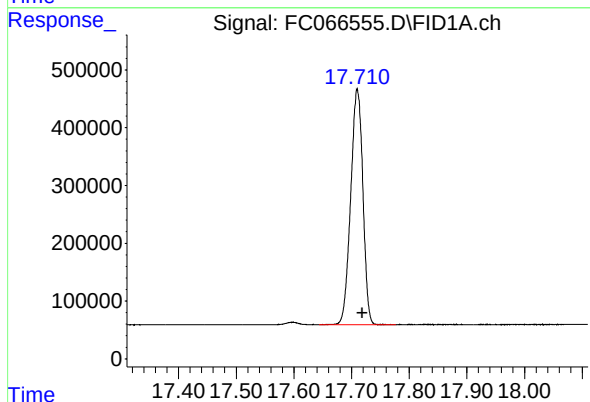
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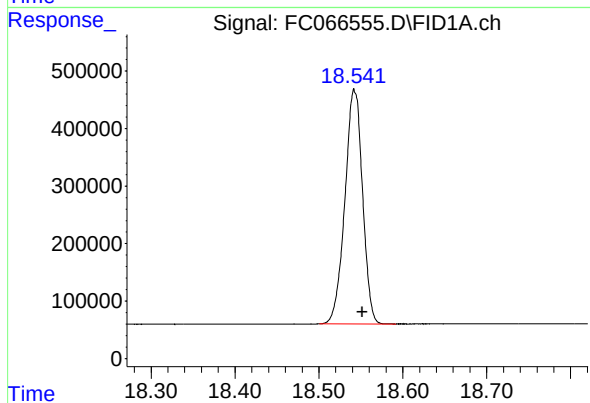
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.008 min
Response: 5959159
Conc: 48.00 ug/ml



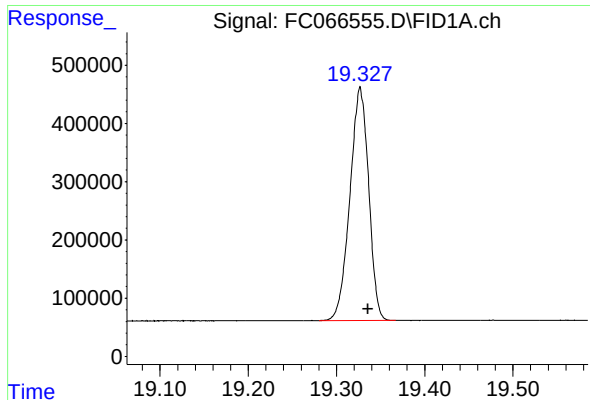
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.009 min
Response: 5989061
Conc: 47.52 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.009 min
Response: 5963772
Conc: 48.46 ug/ml



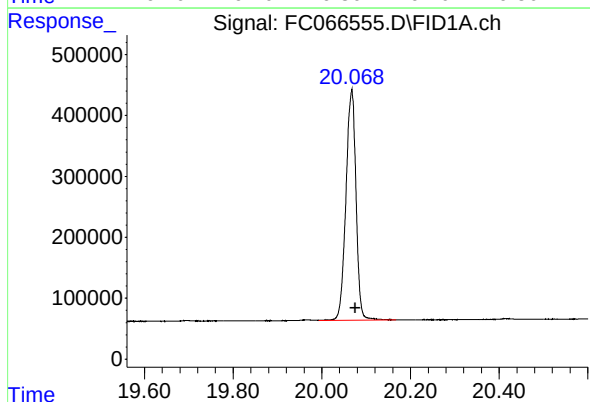
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.009 min
Response: 5912656
Conc: 49.30 ug/ml

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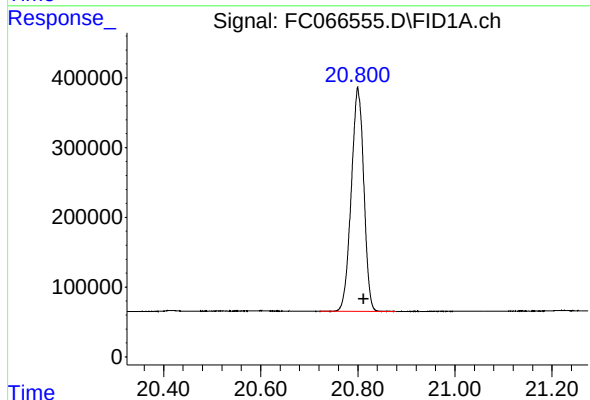
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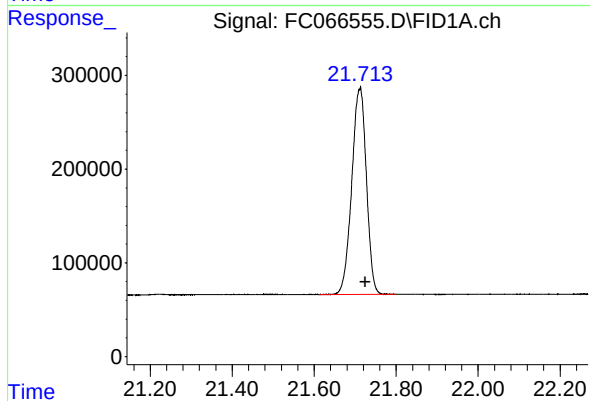
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: -0.008 min
Response: 5966457
Conc: 49.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.011 min
Response: 5742856
Conc: 49.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.013 min
Response: 5455564
Conc: 44.54 ug/ml