

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042624AL\
 Data File : FC066251.D
 Signal(s) : FID1A.ch
 Acq On : 26 Apr 2024 21:26
 Operator : YP/AJ
 Sample : PB160549BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160549BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: Apr 27 01:00:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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...	13.002	3851835	39.255 ug/ml
Spiked Amount 50.000		Recovery =	78.51%
Target Compounds			
1) T n-Nonane (C9)	3.321	2779427	21.590 ug/ml
2) T n-Decane (C10)	4.389	3517109	26.974 ug/ml
4) T n-Dodecane (C12)	6.408	4158825	32.118 ug/ml
6) T n-Tetradecane (C14)	8.204	4389415	34.874 ug/ml
7) T n-Hexadecane (C16)	9.806	4544561	35.679 ug/ml
8) T n-Octadecane (C18)	11.249	4796886	37.686 ug/ml
10) T n-Eicosane (C20)	12.560	4959019	41.151 ug/ml
11) T n-Heneicosane (C21)	13.171	4811957	40.668 ug/ml
13) T n-Docosane (C22)	13.757	4795871	40.853 ug/ml
14) T n-Tetracosane (C24)	14.860	4731058	40.549 ug/ml
15) T n-Hexacosane (C26)	15.881	4664913	40.579 ug/ml
16) T n-Octacosane (C28)	16.832	4617200	40.741 ug/ml
17) T n-Tricontane (C30)	17.718	4639045	40.045 ug/ml
18) T n-Dotriacontane (C32)	18.552	4562402	39.738 ug/ml
19) T n-Tetratriacontane (C34)	19.335	4530642	41.255 ug/ml
20) T n-Hexatriacontane (C36)	20.076	4452269	43.134 ug/ml
21) T n-Octatriacontane (C38)	20.812	4279191	43.897 ug/ml
22) T n-Tetracontane (C40)	21.723	4052132	44.780 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB160549BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

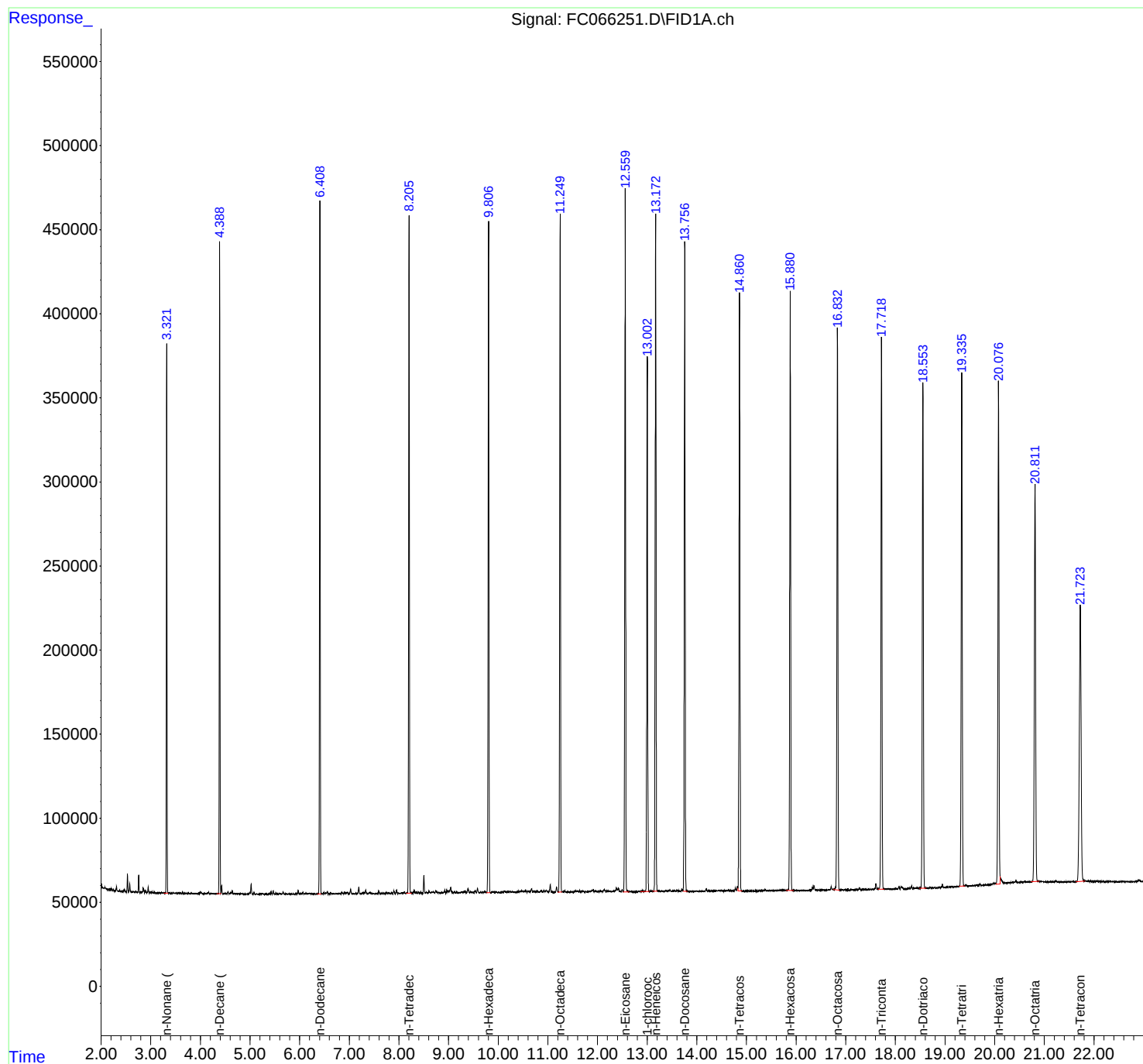
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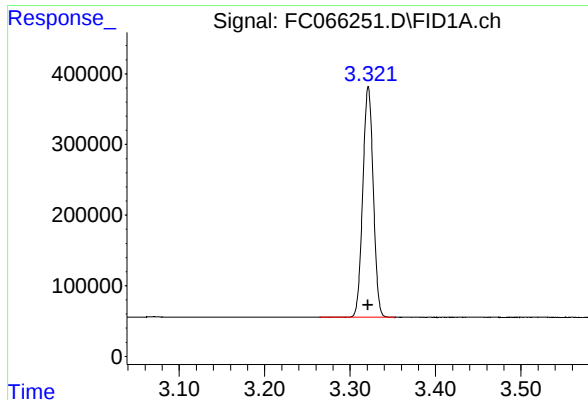
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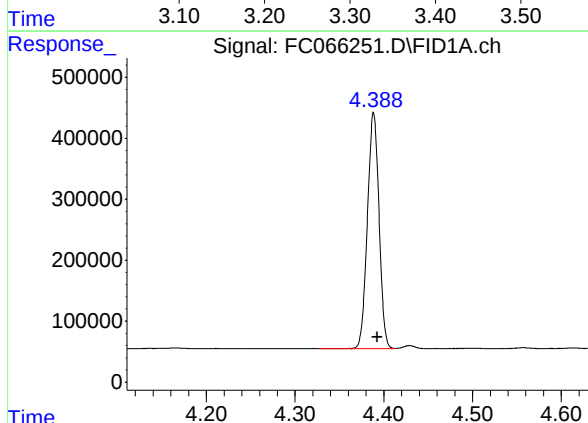
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 2779427
Conc: 21.59 ug/ml

Instrument :
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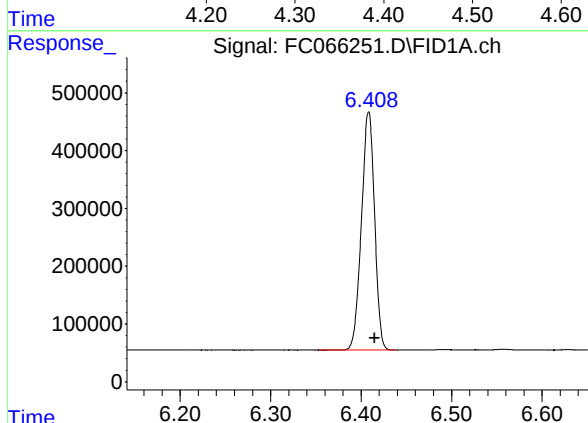
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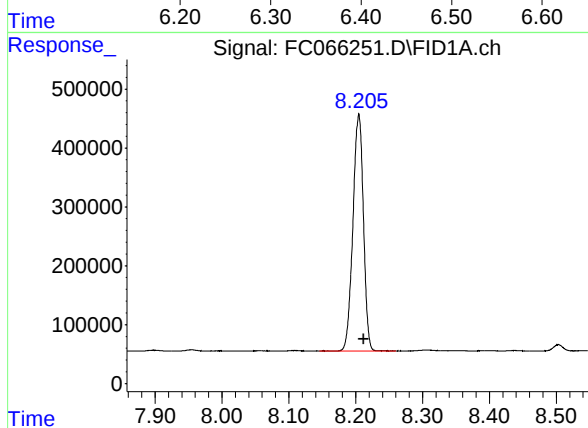
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.004 min
Response: 3517109
Conc: 26.97 ug/ml



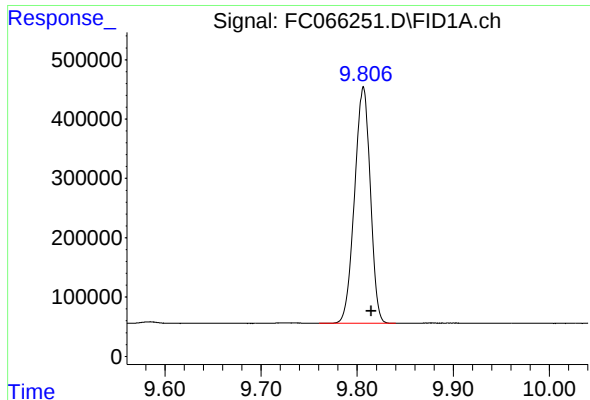
#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: -0.007 min
Response: 4158825
Conc: 32.12 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 4389415
Conc: 34.87 ug/ml



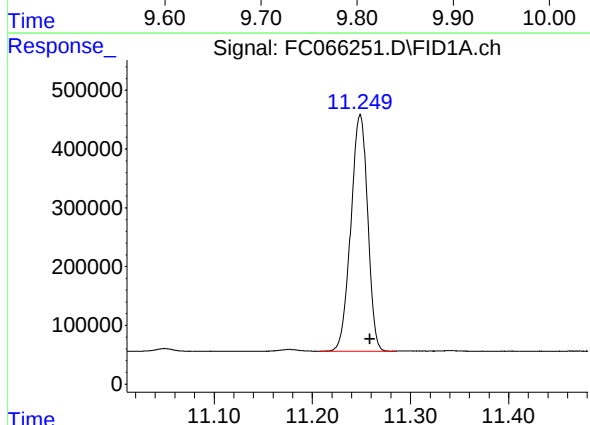
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.008 min
Response: 4544561
Conc: 35.68 ug/ml

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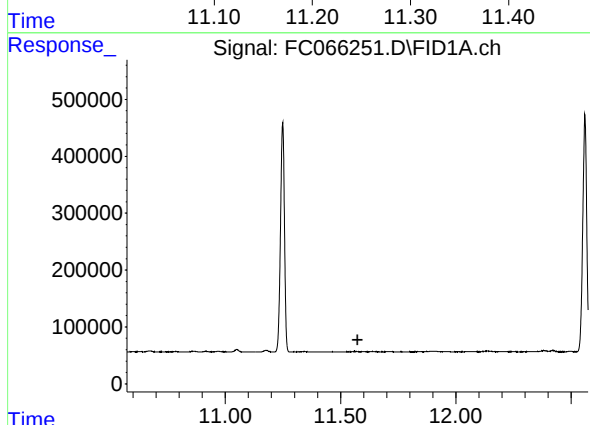
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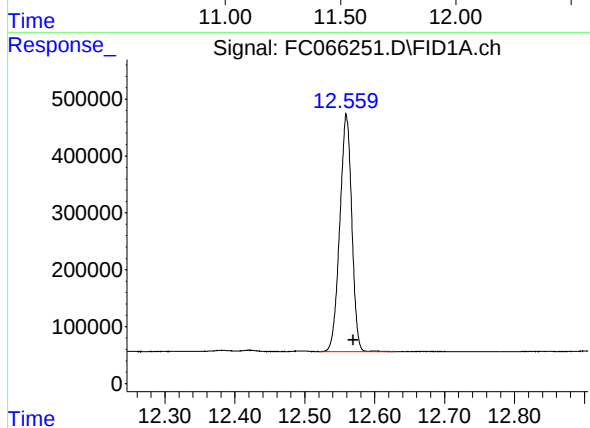
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.010 min
Response: 4796886
Conc: 37.69 ug/ml



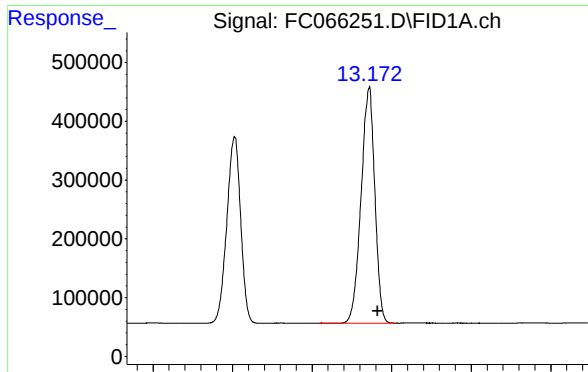
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.573 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.010 min
Response: 4959019
Conc: 41.15 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.011 min
Response: 4811957
Conc: 40.67 ug/ml

Instrument :

FID_C

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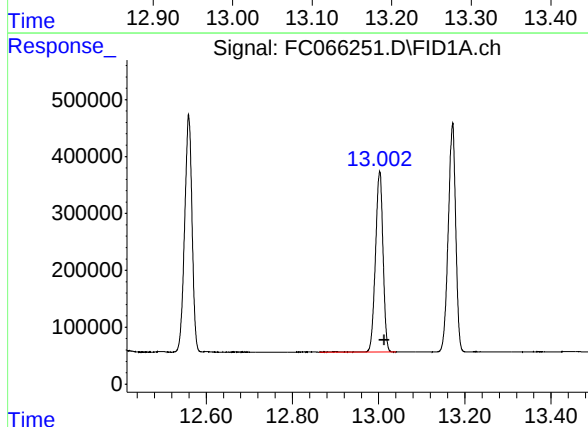
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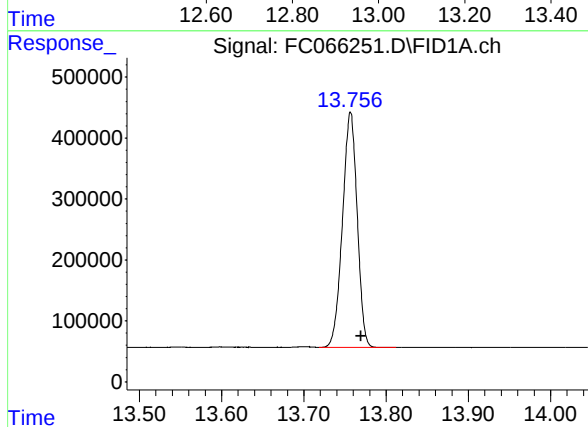
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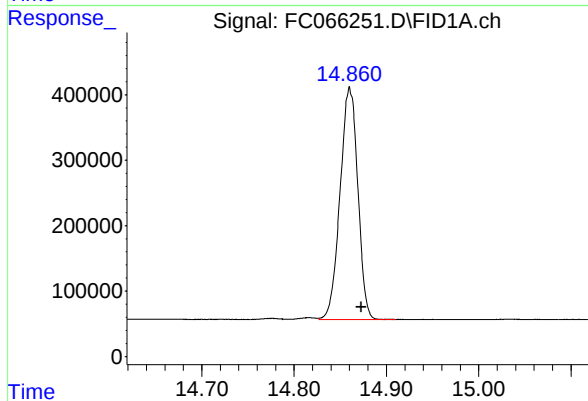
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.011 min
Response: 3851835
Conc: 39.26 ug/ml



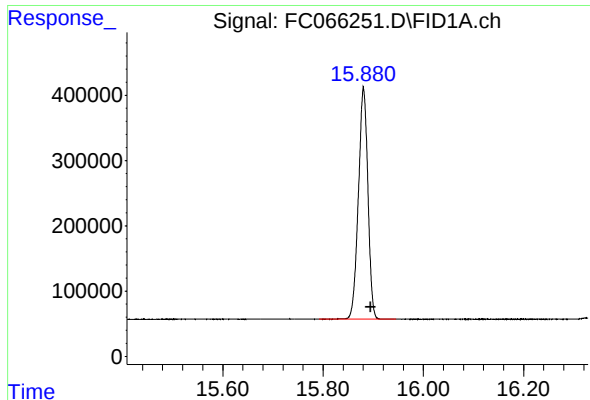
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: -0.013 min
Response: 4795871
Conc: 40.85 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.013 min
Response: 4731058
Conc: 40.55 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.014 min
Response: 4664913
Conc: 40.58 ug/ml

Instrument :

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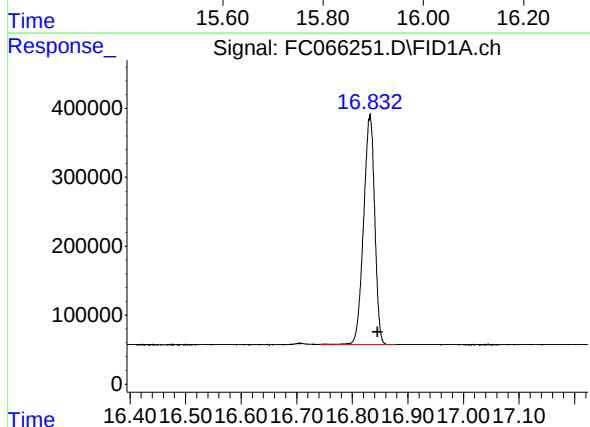
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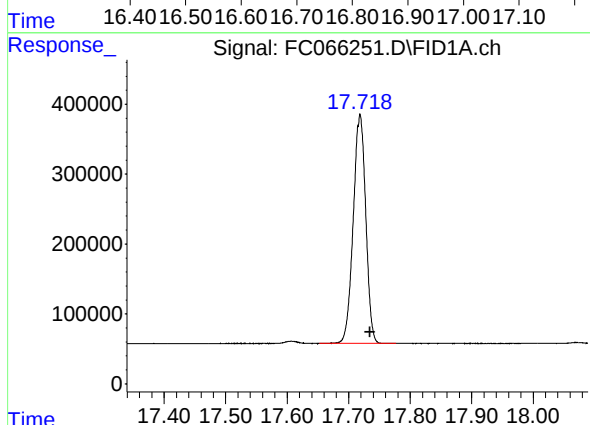
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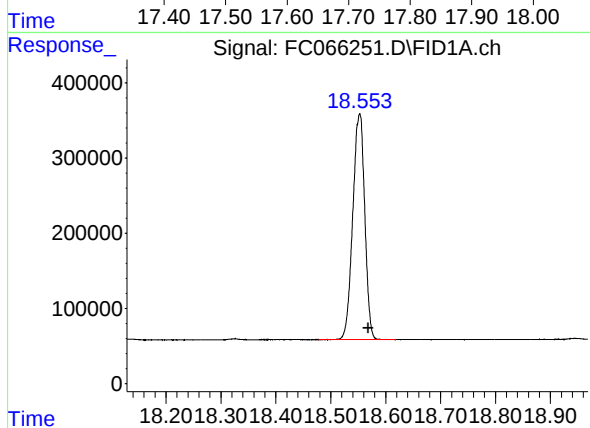
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: -0.014 min
Response: 4617200
Conc: 40.74 ug/ml



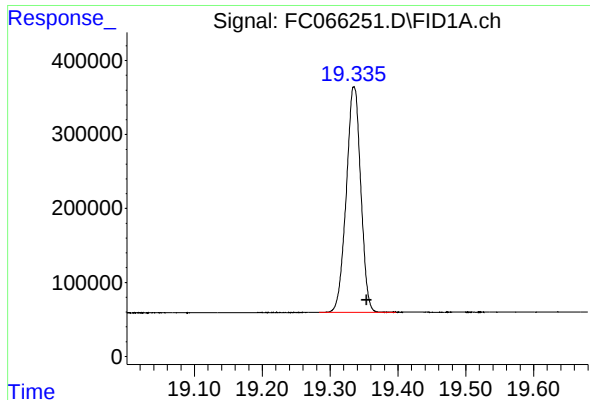
#17 n-Tricontane (C30)

R.T.: 17.718 min
Delta R.T.: -0.017 min
Response: 4639045
Conc: 40.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.016 min
Response: 4562402
Conc: 39.74 ug/ml



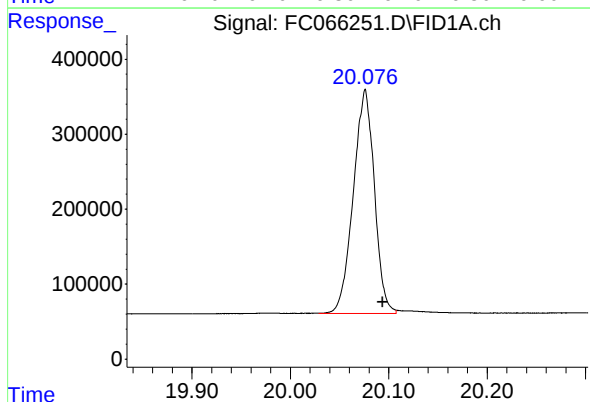
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: -0.019 min
Response: 4530642
Conc: 41.25 ug/ml

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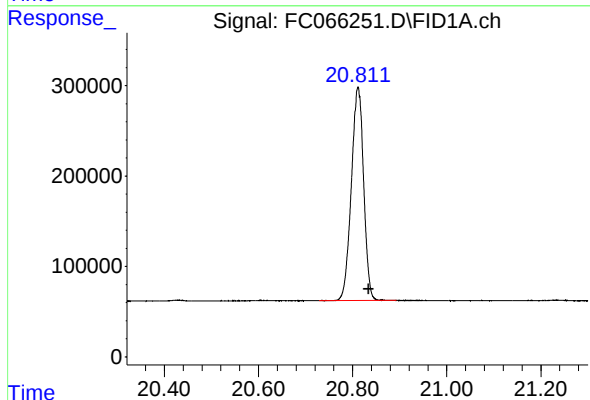
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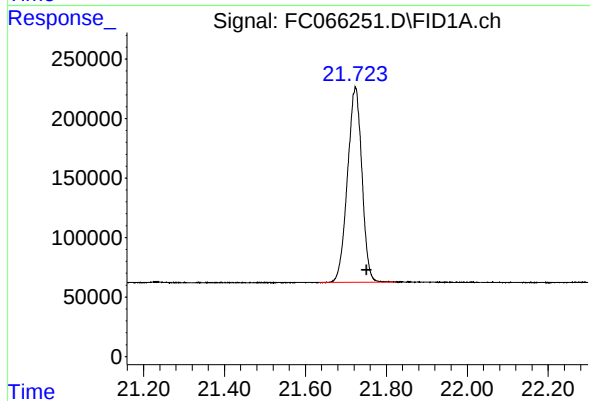
#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: -0.018 min
Response: 4452269
Conc: 43.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.022 min
Response: 4279191
Conc: 43.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.029 min
Response: 4052132
Conc: 44.78 ug/ml