

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
 Data File : FC068231.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 13:08
 Operator : YP/AJ
 Sample : PB166603BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166603BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 07 22:13:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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...	12.847	4086235	35.532 ug/ml
Spiked Amount 50.000		Recovery =	71.06%
Target Compounds			
1) T n-Nonane (C9)	3.210	2784884	20.338 ug/mlm
2) T n-Decane (C10)	4.268	3227252	23.246 ug/mlm
4) T n-Dodecane (C12)	6.277	3632894	26.005 ug/ml
6) T n-Tetradecane (C14)	8.066	4108901	30.107 ug/mlm
7) T n-Hexadecane (C16)	9.662	4401515	31.677 ug/ml
8) T n-Octadecane (C18)	11.100	4586513	32.780 ug/ml
10) T n-Eicosane (C20)	12.406	4929541	36.842 ug/mlm
11) T n-Heneicosane (C21)	13.017	4752755	36.187 ug/ml
13) T n-Docosane (C22)	13.602	4732927	36.538 ug/ml
14) T n-Tetracosane (C24)	14.703	4670562	36.379 ug/ml
15) T n-Hexacosane (C26)	15.722	4572907	36.340 ug/ml
16) T n-Octacosane (C28)	16.669	4494343	35.934 ug/ml
17) T n-Tricontane (C30)	17.556	4525901	35.015 ug/ml
18) T n-Dotriacontane (C32)	18.387	4464718	35.714 ug/ml
19) T n-Tetratriacontane (C34)	19.169	4424400	40.787 ug/ml
20) T n-Hexatriacontane (C36)	19.909	4322927	46.712 ug/ml
21) T n-Octatriacontane (C38)	20.622	4458985	52.037 ug/ml
22) T n-Tetracontane (C40)	21.479	4781776	59.137 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

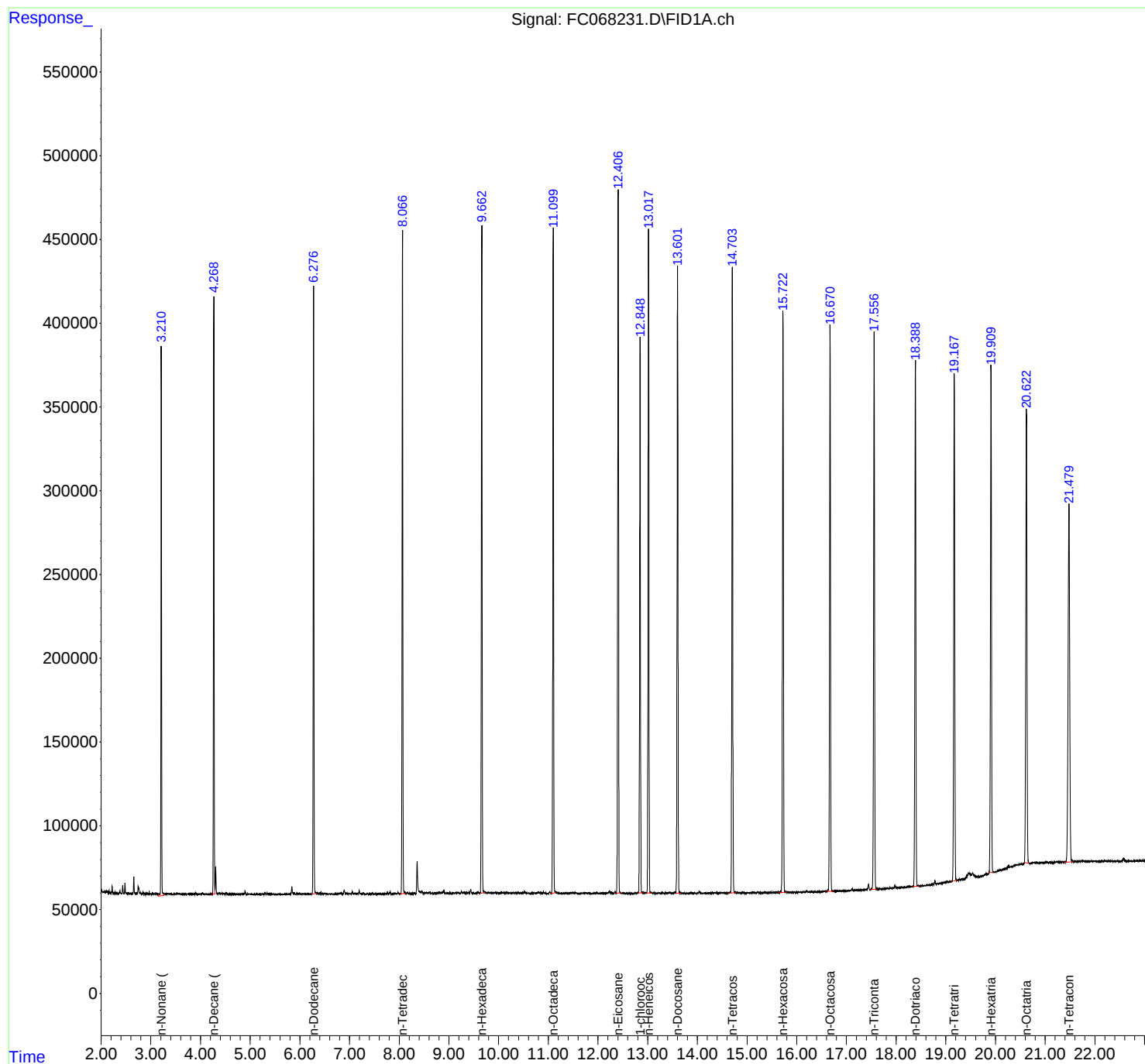
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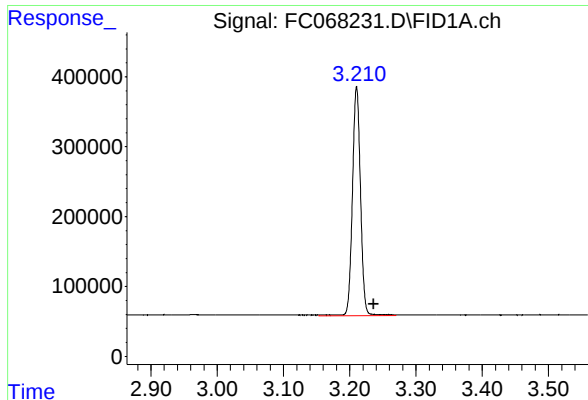
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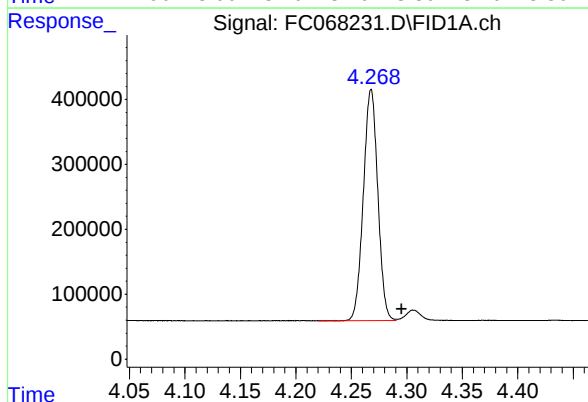
#1 n-Nonane (C9)

R.T.: 3.210 min
Delta R.T.: -0.026 min
Response: 2784884
Conc: 20.34 ug/ml

Instrument :
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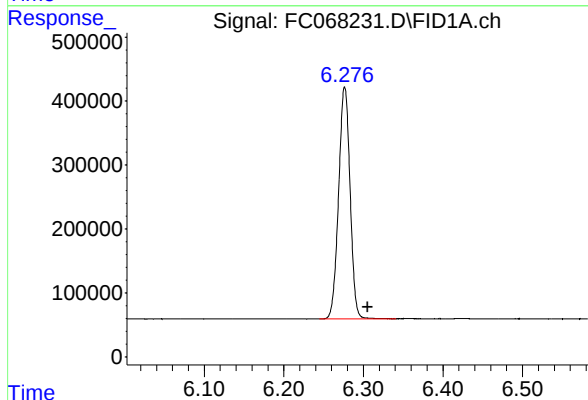
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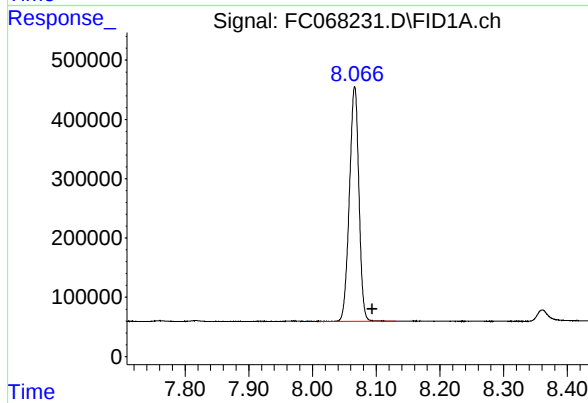
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: -0.028 min
Response: 3227252
Conc: 23.25 ug/ml



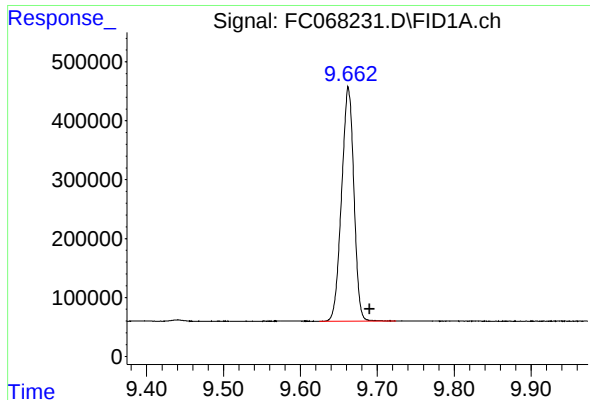
#4 n-Dodecane (C12)

R.T.: 6.277 min
Delta R.T.: -0.029 min
Response: 3632894
Conc: 26.01 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.066 min
Delta R.T.: -0.028 min
Response: 4108901
Conc: 30.11 ug/ml



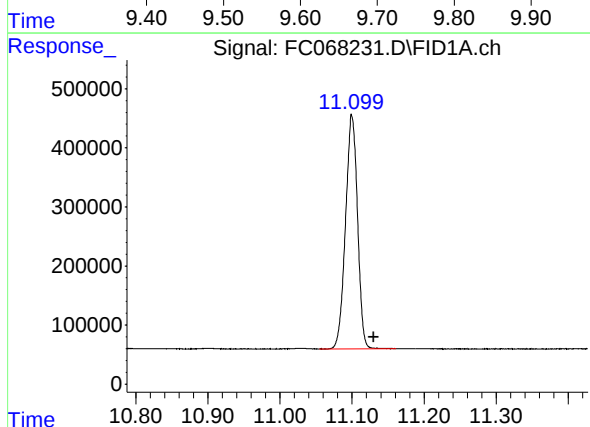
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: -0.028 min
Response: 4401515
Conc: 31.68 ug/ml

Instrument :
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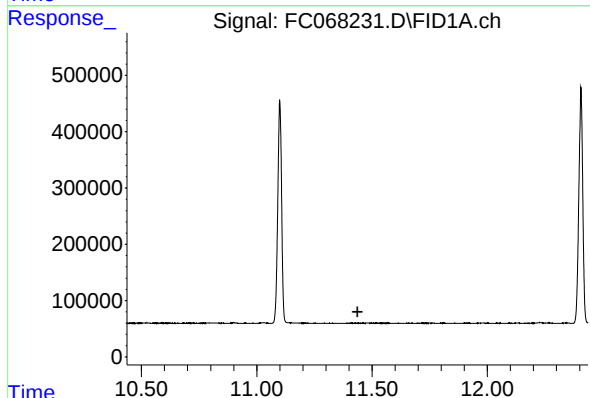
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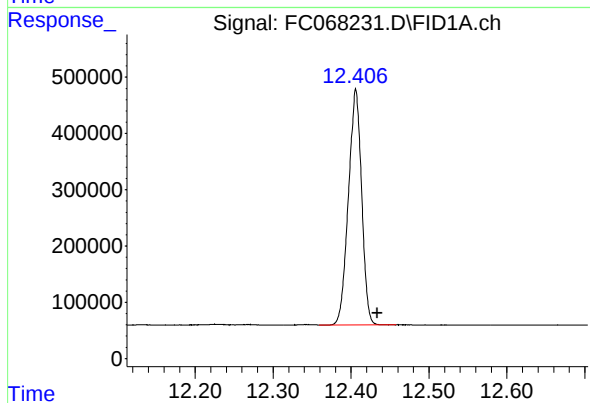
#8 n-Octadecane (C18)

R.T.: 11.100 min
Delta R.T.: -0.030 min
Response: 4586513
Conc: 32.78 ug/ml



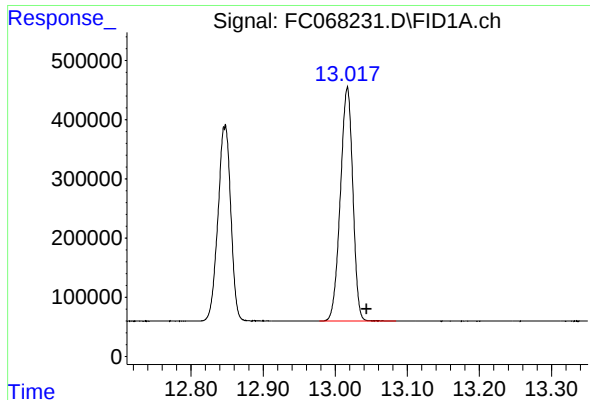
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.437 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.406 min
Delta R.T.: -0.028 min
Response: 4929541
Conc: 36.84 ug/ml m



#11 n-Heneicosane (C21)

R.T.: 13.017 min
Delta R.T.: -0.027 min
Response: 4752755
Conc: 36.19 ug/ml

Instrument :

FID_C

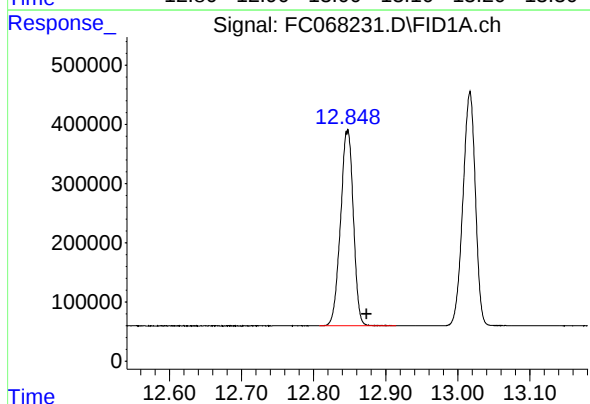
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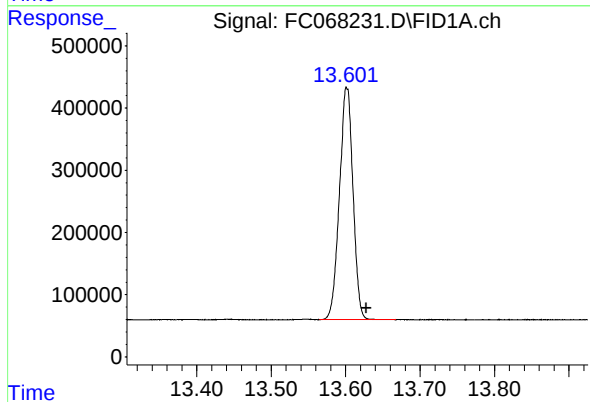
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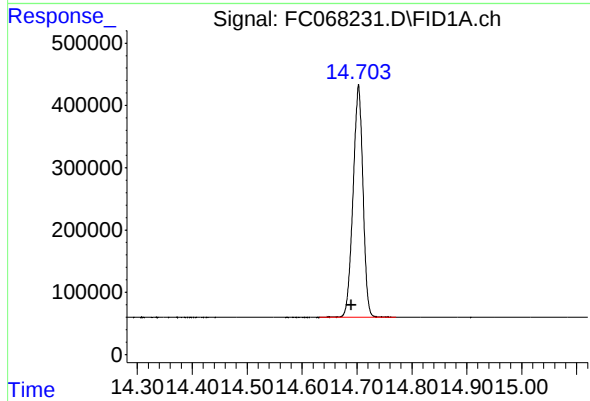
#12 1-chlorooctadecane (SURR)

R.T.: 12.847 min
Delta R.T.: -0.027 min
Response: 4086235
Conc: 35.53 ug/ml



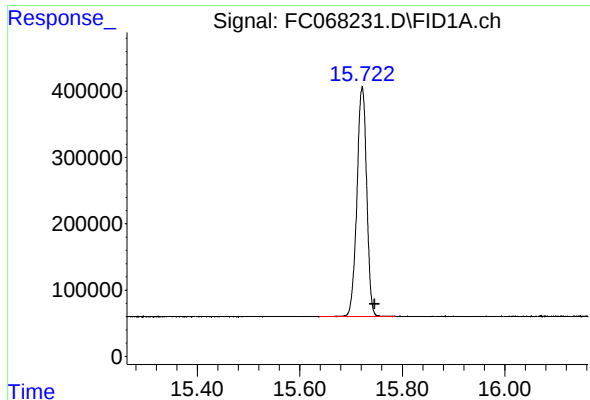
#13 n-Docosane (C22)

R.T.: 13.602 min
Delta R.T.: -0.027 min
Response: 4732927
Conc: 36.54 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: 0.013 min
Response: 4670562
Conc: 36.38 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.722 min
Delta R.T.: -0.024 min
Response: 4572907
Conc: 36.34 ug/ml

Instrument :

FID_C

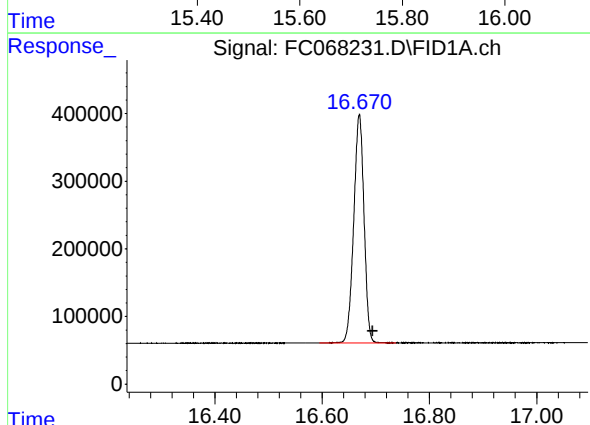
ClientSampleId :

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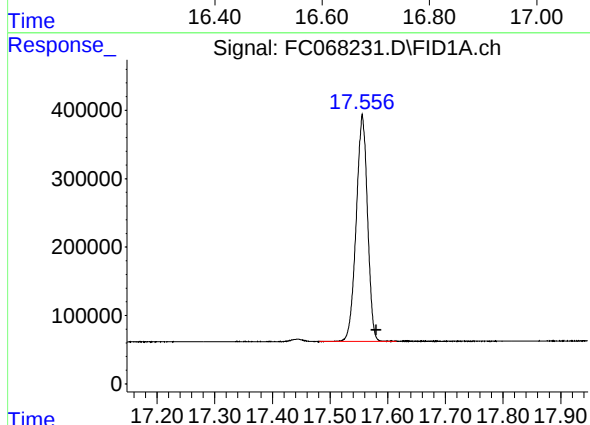
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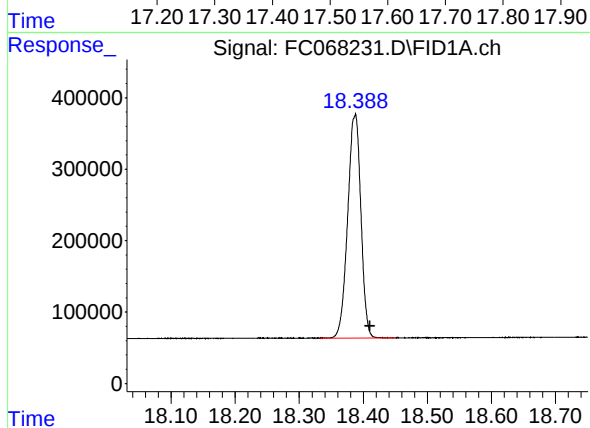
#16 n-Octacosane (C28)

R.T.: 16.669 min
Delta R.T.: -0.024 min
Response: 4494343
Conc: 35.93 ug/ml



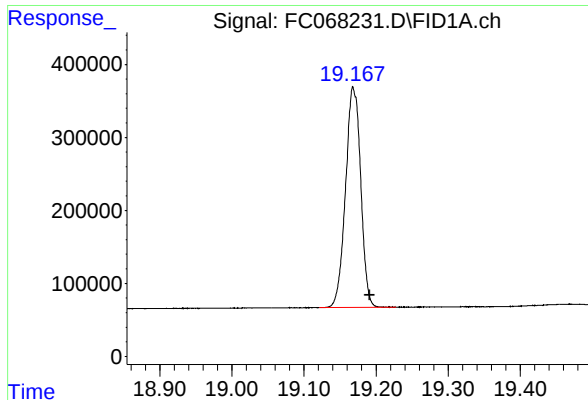
#17 n-Tricontane (C30)

R.T.: 17.556 min
Delta R.T.: -0.024 min
Response: 4525901
Conc: 35.02 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.387 min
Delta R.T.: -0.024 min
Response: 4464718
Conc: 35.71 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.169 min
Delta R.T.: -0.022 min
Response: 4424400
Conc: 40.79 ug/ml

Instrument :

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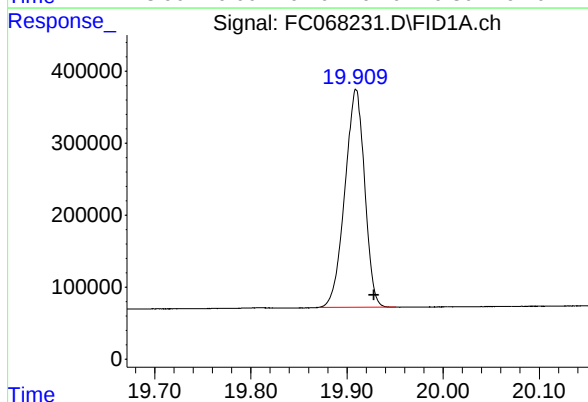
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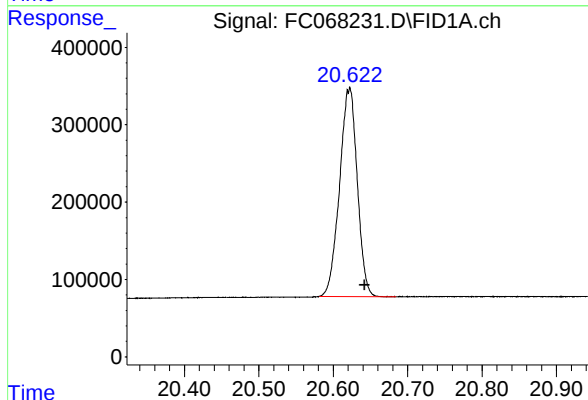
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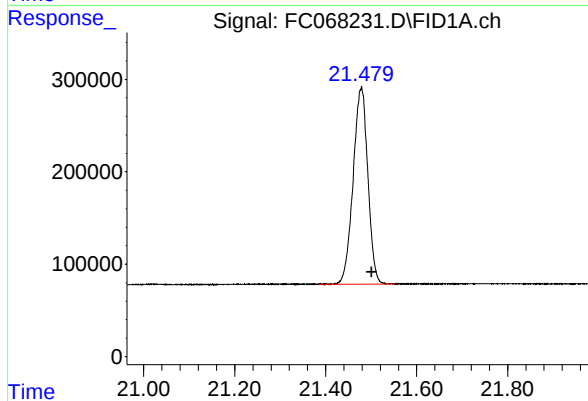
#20 n-Hexatriacontane (C36)

R.T.: 19.909 min
Delta R.T.: -0.019 min
Response: 4322927
Conc: 46.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: -0.021 min
Response: 4458985
Conc: 52.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: -0.023 min
Response: 4781776
Conc: 59.14 ug/ml m