

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723AL\
 Data File : FG013158.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 21:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e
 Quant Time: Nov 08 03:47:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 03:46:02 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			
9) S ortho-Terphenyl (SURR)	11.987	3053419	20.665 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
12) S 1-chlorooctadecane (S...	13.427	2318099	20.863 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T n-Nonane (C9)	3.341	2524358	19.936 ug/ml
2) T n-Decane (C10)	4.594	2588073	20.035 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2760040	20.267 ug/ml
4) T n-Dodecane (C12)	6.768	2609512	20.132 ug/ml
5) T A~2-methylnaphthalene...	7.407	2698854	20.421 ug/ml
6) T n-Tetradecane (C14)	8.603	2574581	20.246 ug/ml
7) T n-Hexadecane (C16)	10.217	2622734	20.375 ug/ml
8) T n-Octadecane (C18)	11.665	2630747	20.449 ug/ml
10) T n-Eicosane (C20)	12.980	2562457	20.479 ug/ml
11) T n-Heneicosane (C21)	13.594	2524523	20.660 ug/ml
13) T n-Docosane (C22)	14.182	2519976	20.265 ug/ml
14) T n-Tetracosane (C24)	15.288	2568203	19.496 ug/ml
15) T n-Hexacosane (C26)	16.313	2498072	19.121 ug/ml
16) T n-Octacosane (C28)	17.264	2488489	18.697 ug/ml
17) T n-Tricontane (C30)	18.154	2575321	18.681 ug/ml
18) T n-Dotriacontane (C32)	18.988	2585602	19.173 ug/ml
19) T n-Tetratriacontane (C34)	19.772	2481786	20.115 ug/ml
20) T n-Hexatriacontane (C36)	20.514	2439976	20.367 ug/ml
21) T n-Octatriacontane (C38)	21.272	2449759	20.456 ug/ml
22) T n-Tetracontane (C40)	22.225	2492798	20.445 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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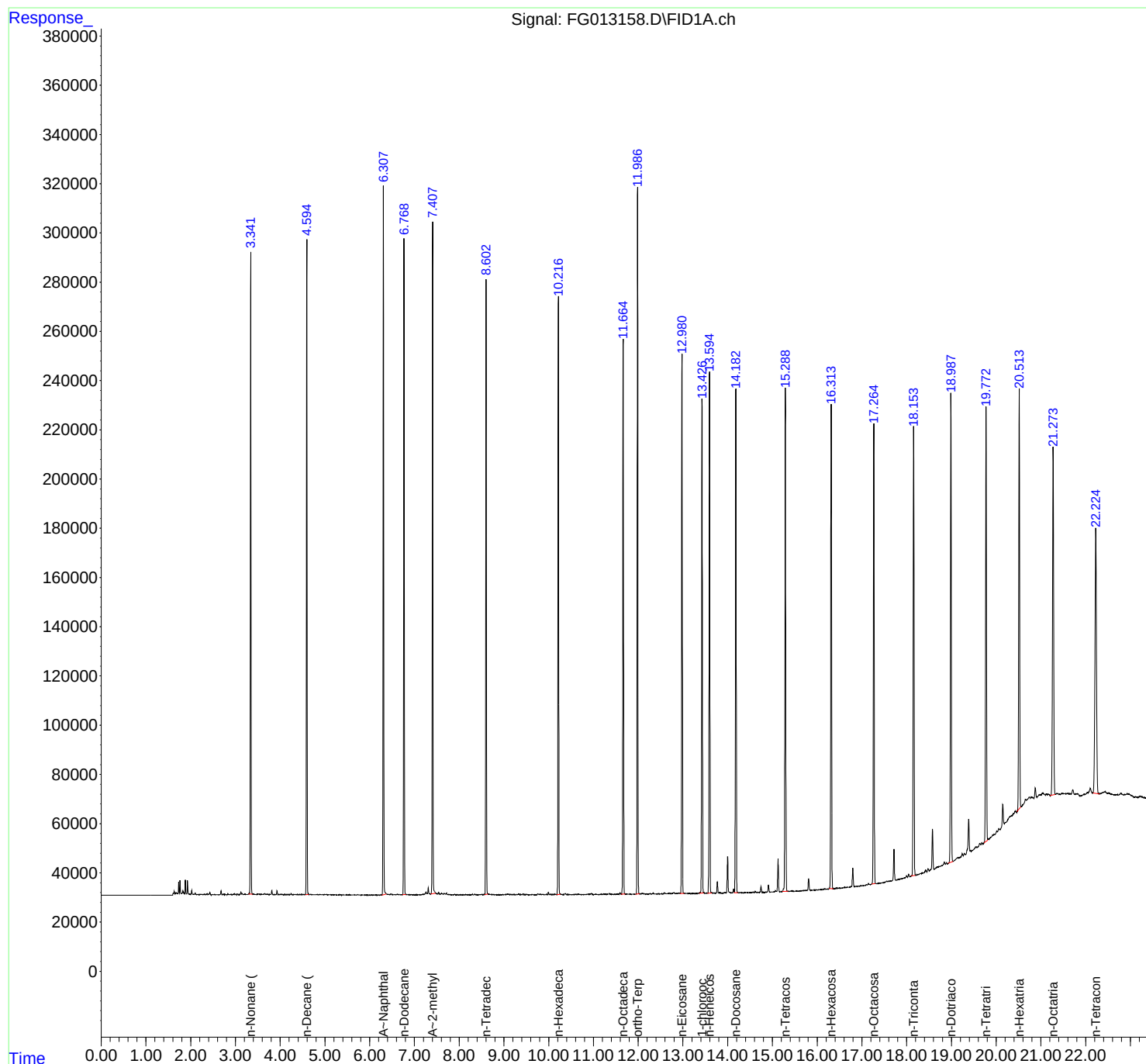
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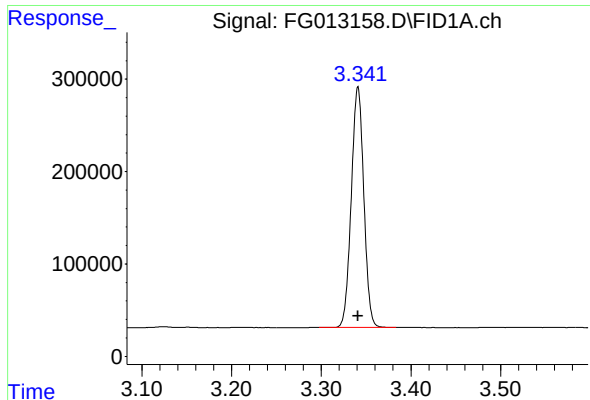
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#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 2524358
Conc: 19.94 ug/ml

Instrument :

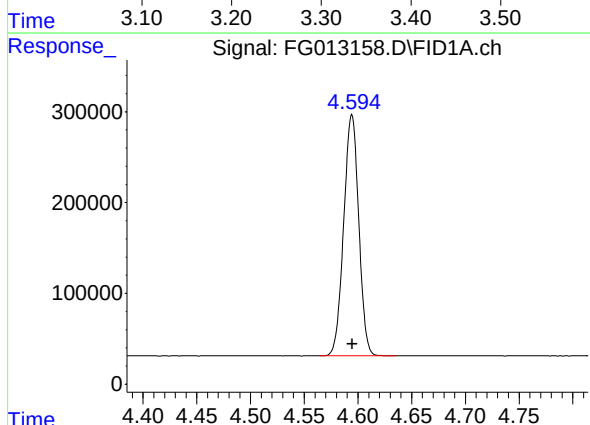
FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

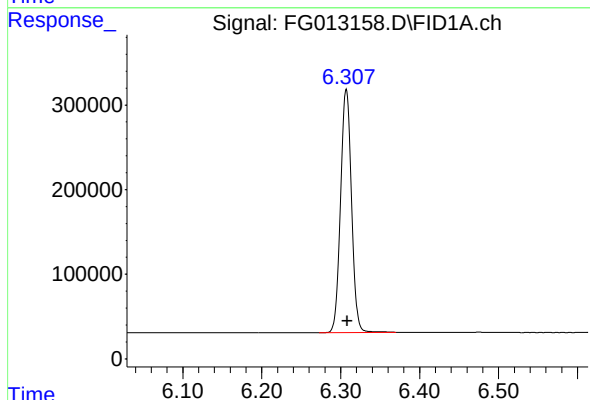
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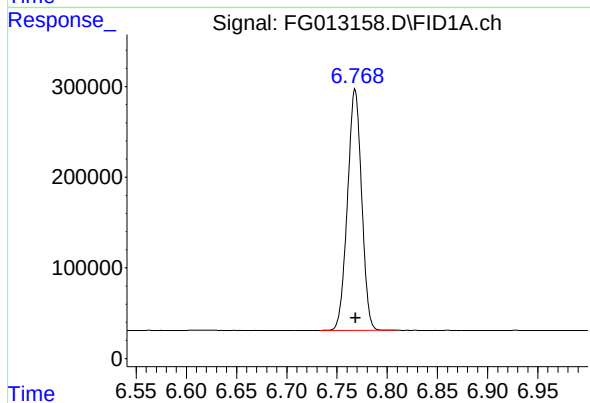
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 2588073
Conc: 20.03 ug/ml



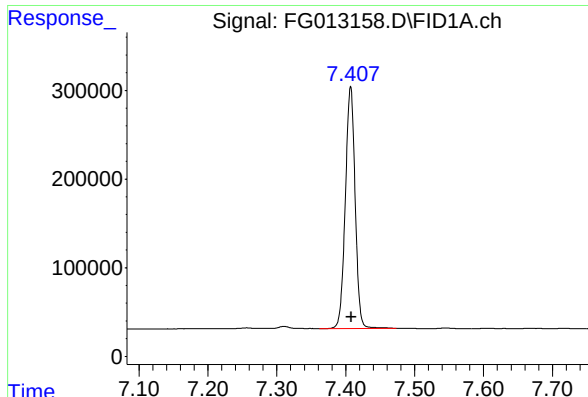
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 2760040
Conc: 20.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 2609512
Conc: 20.13 ug/ml



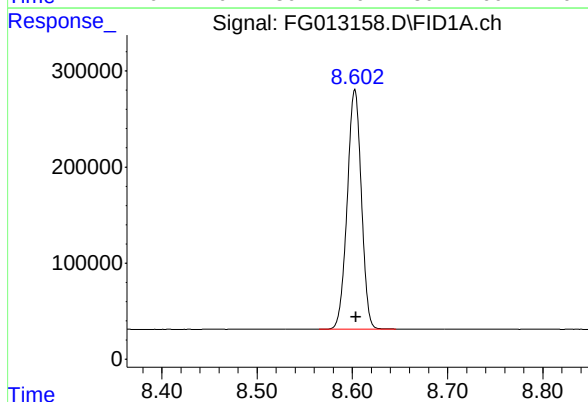
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: -0.001 min
Response: 2698854
Conc: 20.42 ug/ml

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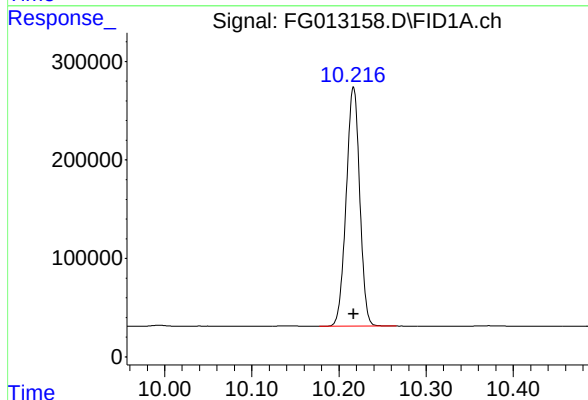
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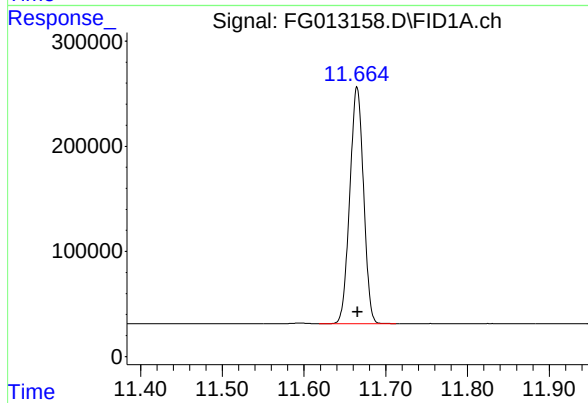
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 2574581
Conc: 20.25 ug/ml



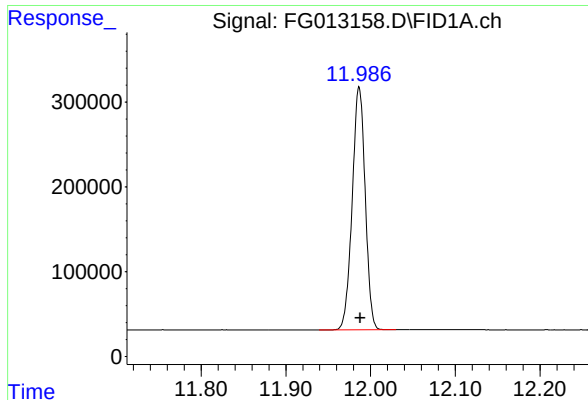
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.000 min
Response: 2622734
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 2630747
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: -0.001 min
Response: 3053419
Conc: 20.66 ug/ml

Instrument :

FID_G

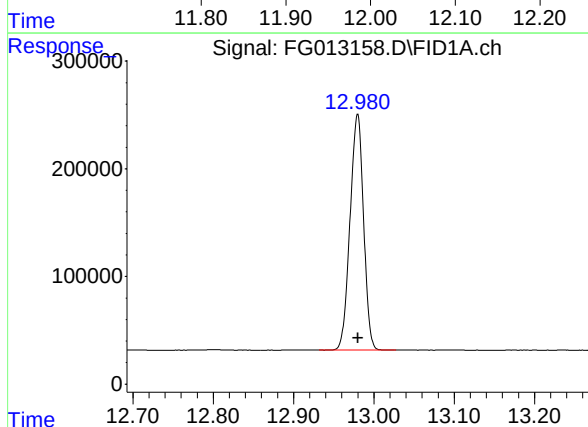
ClientSampleId :

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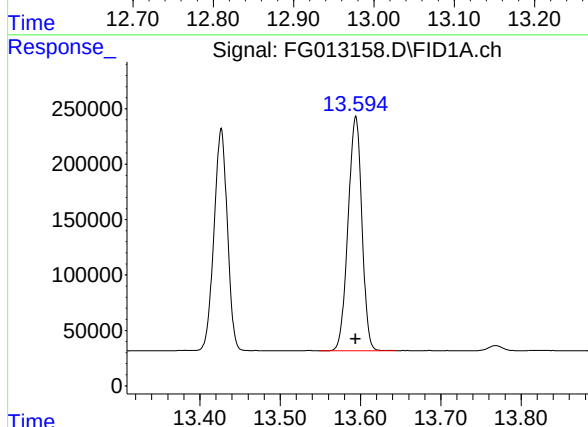
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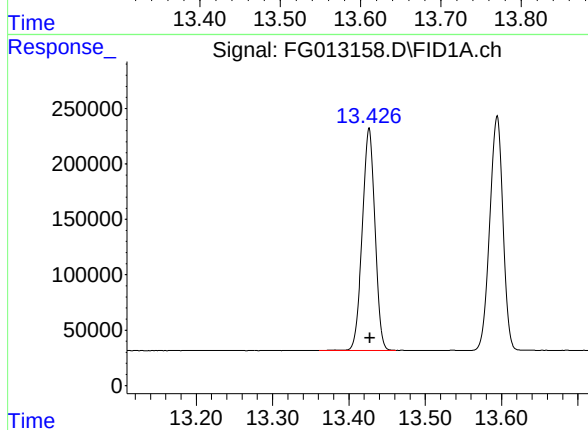
#10 n-Eicosane (C20)

R.T.: 12.980 min
Delta R.T.: 0.000 min
Response: 2562457
Conc: 20.48 ug/ml



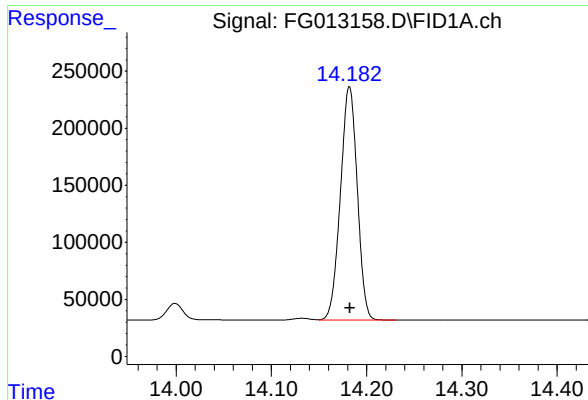
#11 n-Heneicosane (C21)

R.T.: 13.594 min
Delta R.T.: 0.000 min
Response: 2524523
Conc: 20.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 2318099
Conc: 20.86 ug/ml



#13 n-Docosane (C22)

R.T.: 14.182 min
Delta R.T.: 0.000 min
Response: 2519976
Conc: 20.26 ug/ml

Instrument :

FID_G

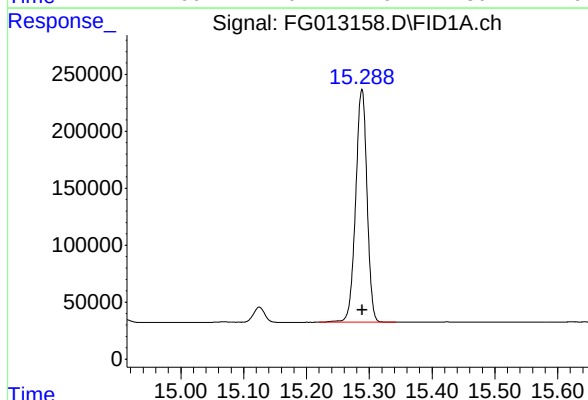
ClientSampleId :

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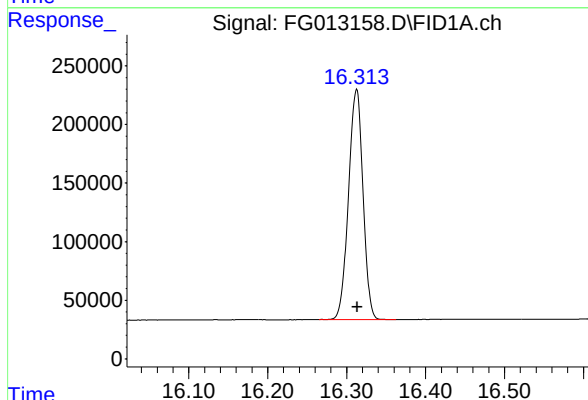
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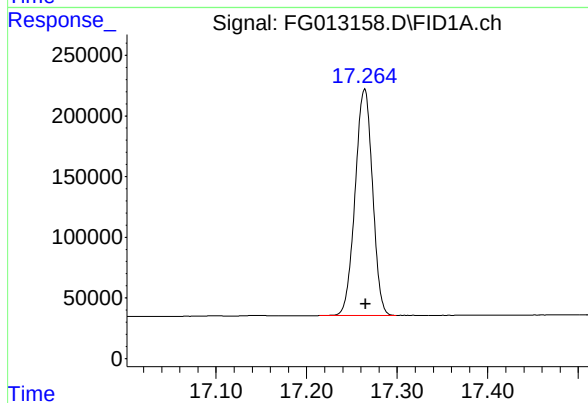
#14 n-Tetracosane (C24)

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 2568203
Conc: 19.50 ug/ml



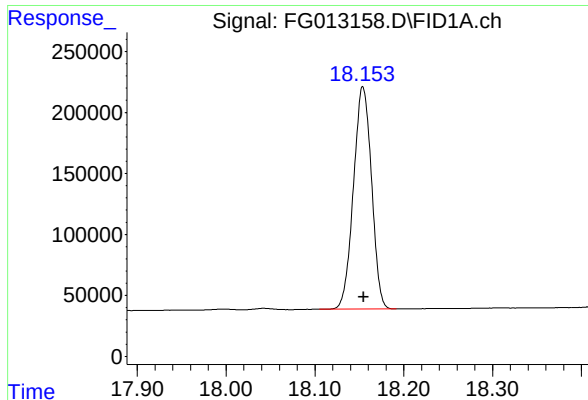
#15 n-Hexacosane (C26)

R.T.: 16.313 min
Delta R.T.: 0.000 min
Response: 2498072
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.264 min
Delta R.T.: -0.001 min
Response: 2488489
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.154 min
Delta R.T.: 0.000 min
Response: 2575321
Conc: 18.68 ug/ml

Instrument :

FID_G

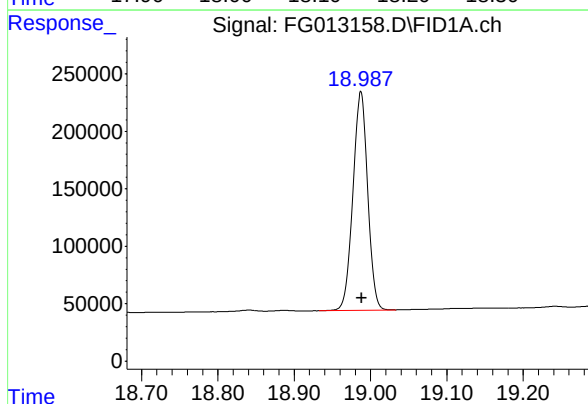
ClientSampleId :

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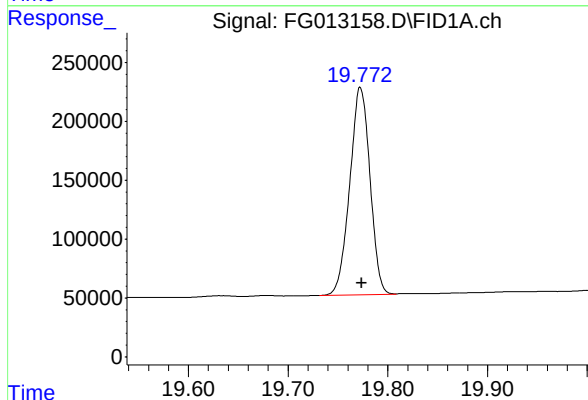
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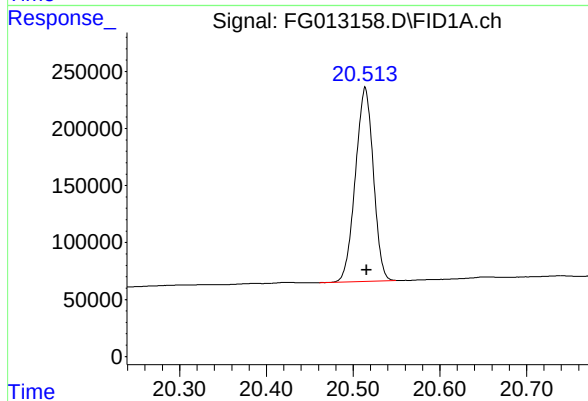
#18 n-Dotriacontane (C32)

R.T.: 18.988 min
Delta R.T.: 0.000 min
Response: 2585602
Conc: 19.17 ug/ml



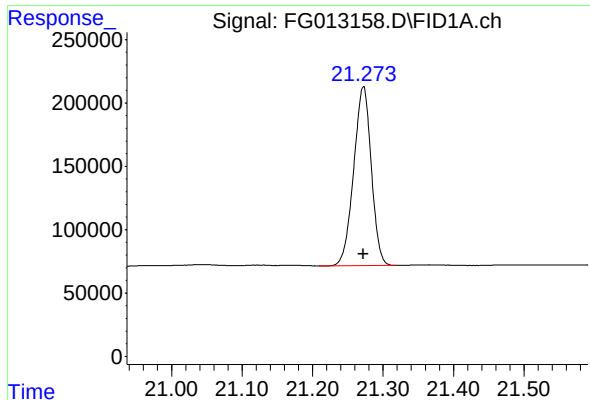
#19 n-Tetratriacontane (C34)

R.T.: 19.772 min
Delta R.T.: -0.002 min
Response: 2481786
Conc: 20.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.514 min
Delta R.T.: -0.002 min
Response: 2439976
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.272 min
Delta R.T.: 0.000 min
Response: 2449759
Conc: 20.46 ug/ml

Instrument :

FID_G

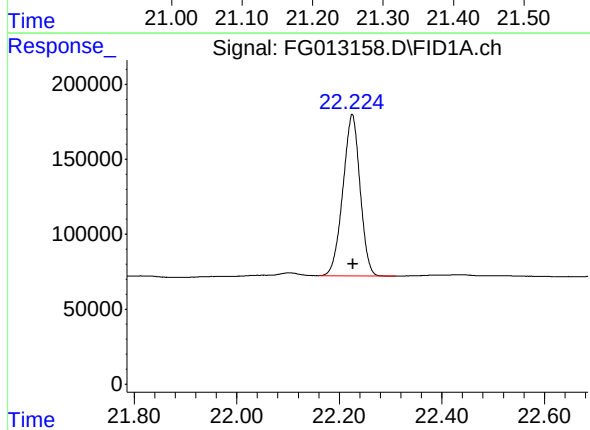
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#22 n-Tetracontane (C40)

R.T.: 22.225 min
Delta R.T.: -0.002 min
Response: 2492798
Conc: 20.44 ug/ml