

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068068.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 16:26
 Operator : YP/AJ
 Sample : P5299-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SB-02MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 21 01:53:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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...	12.887	5270189	41.304 ug/ml
Spiked Amount 50.000		Recovery =	82.61%
Target Compounds			
1) T n-Nonane (C9)	3.244	3124534	20.111 ug/ml
2) T n-Decane (C10)	4.303	3783067	23.864 ug/ml
4) T n-Dodecane (C12)	6.313	4383048	27.221 ug/ml
6) T n-Tetradecane (C14)	8.104	5146476	32.368 ug/ml
7) T n-Hexadecane (C16)	9.700	5295861	32.781 ug/ml
8) T n-Octadecane (C18)	11.139	5479253	34.130 ug/ml
10) T n-Eicosane (C20)	12.445	5526034	36.735 ug/ml
11) T n-Heneicosane (C21)	13.056	5229709	35.791 ug/ml
13) T n-Docosane (C22)	13.641	5147967	35.963 ug/ml
14) T n-Tetracosane (C24)	14.741	4987405	35.894 ug/ml
15) T n-Hexacosane (C26)	15.760	4823076	36.066 ug/ml
16) T n-Octacosane (C28)	16.709	4703302	36.260 ug/ml
17) T n-Tricontane (C30)	17.593	4718531	36.424 ug/ml
18) T n-Dotriacontane (C32)	18.424	4645251	37.496 ug/ml
19) T n-Tetratriacontane (C34)	19.206	4507922	41.301 ug/ml
20) T n-Hexatriacontane (C36)	19.943	4435369	46.881 ug/mlm
21) T n-Octatriacontane (C38)	20.661	4330161	47.867 ug/ml
22) T n-Tetracontane (C40)	21.530	4277434	48.531 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 20 Dec 2024 16:26
Operator : YP/AJ
Sample : P5299-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

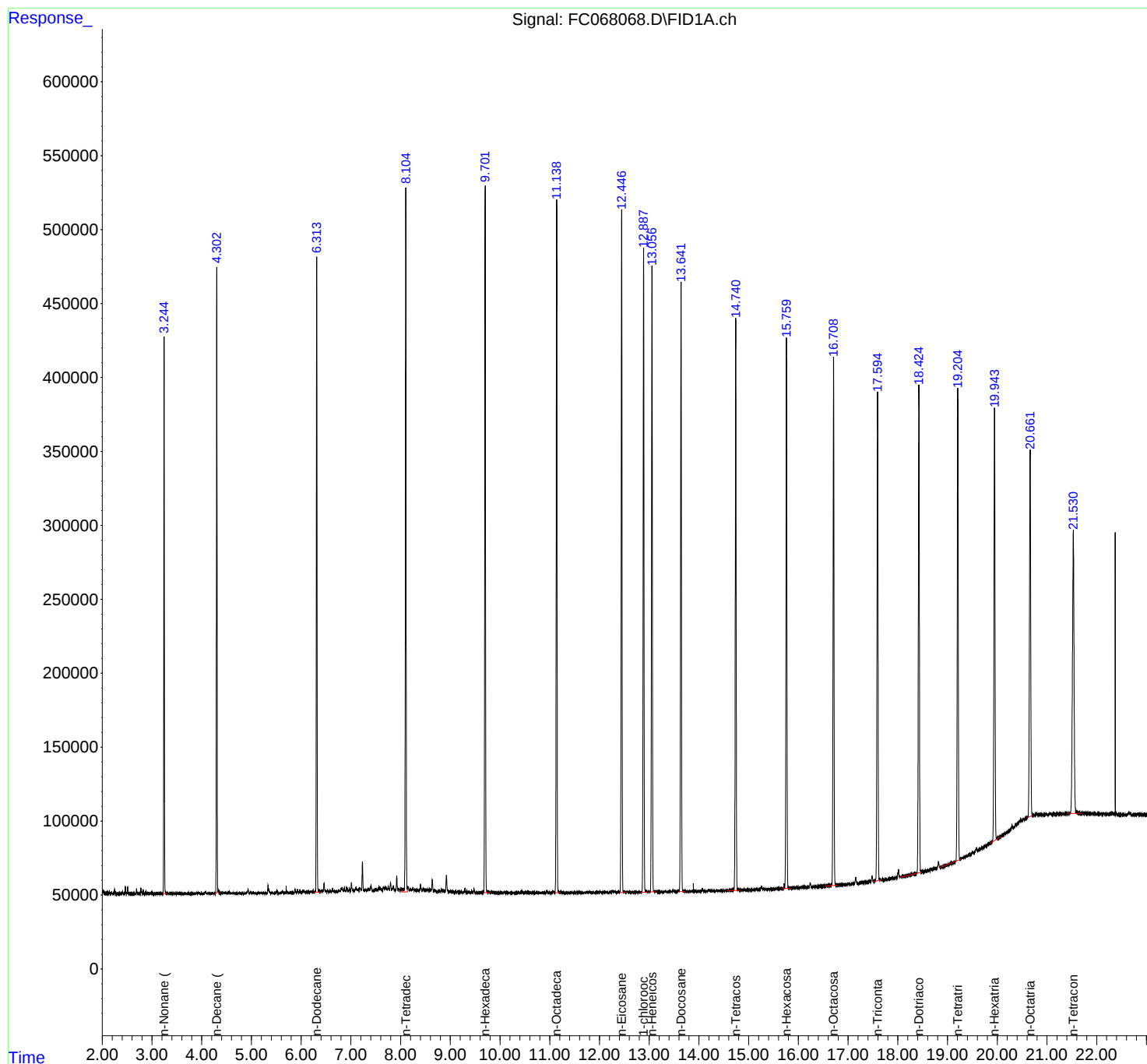
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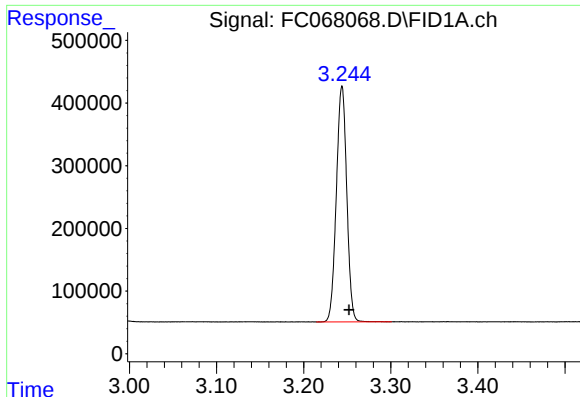
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Integrator: ChemStation

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.244 min
Delta R.T.: -0.008 min
Response: 3124534
Conc: 20.11 ug/ml

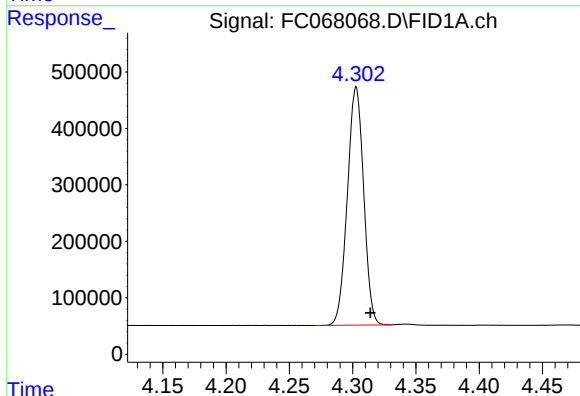
Instrument :

FID_C

ClientSampleId :
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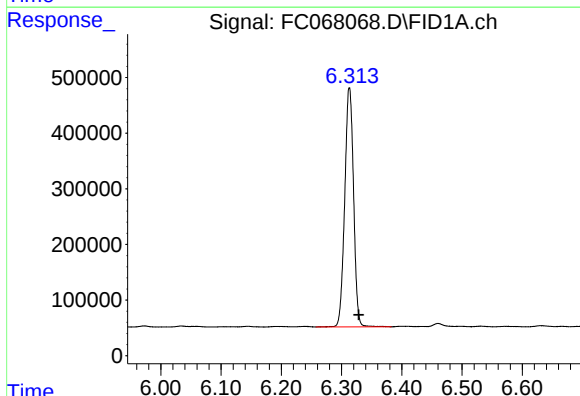
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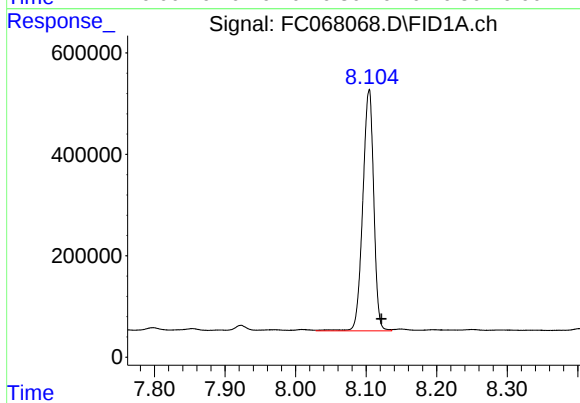
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: -0.011 min
Response: 3783067
Conc: 23.86 ug/ml



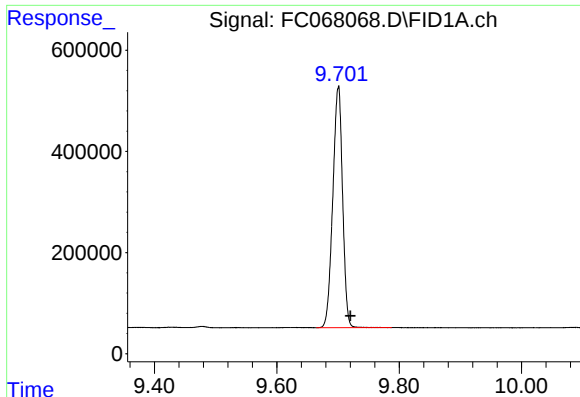
#4 n-Dodecane (C12)

R.T.: 6.313 min
Delta R.T.: -0.015 min
Response: 4383048
Conc: 27.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.104 min
Delta R.T.: -0.018 min
Response: 5146476
Conc: 32.37 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.700 min
Delta R.T.: -0.020 min
Response: 5295861
Conc: 32.78 ug/ml

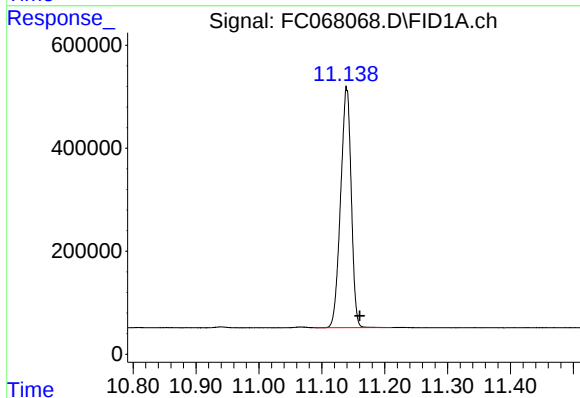
Instrument :

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ClientSampleId :
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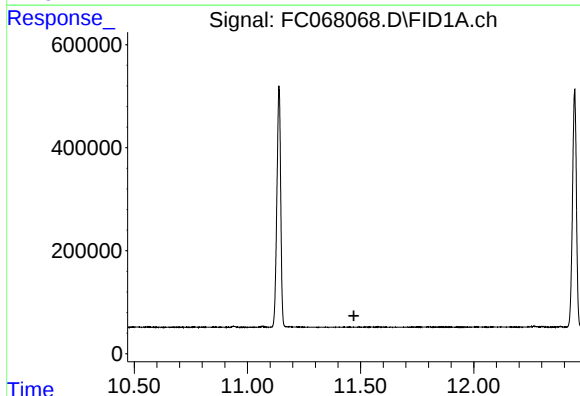
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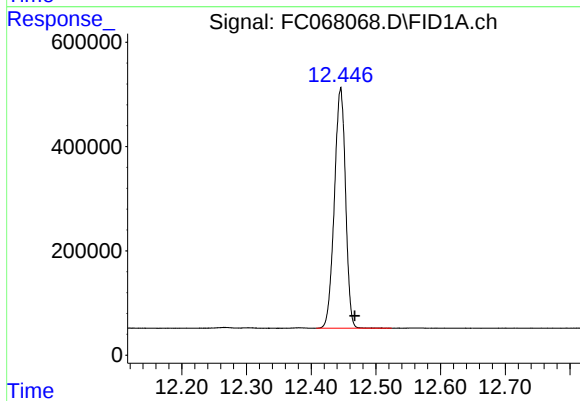
#8 n-Octadecane (C18)

R.T.: 11.139 min
Delta R.T.: -0.021 min
Response: 5479253
Conc: 34.13 ug/ml



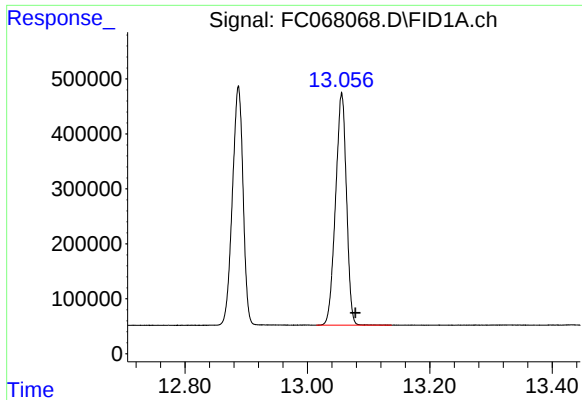
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.445 min
Delta R.T.: -0.022 min
Response: 5526034
Conc: 36.74 ug/ml



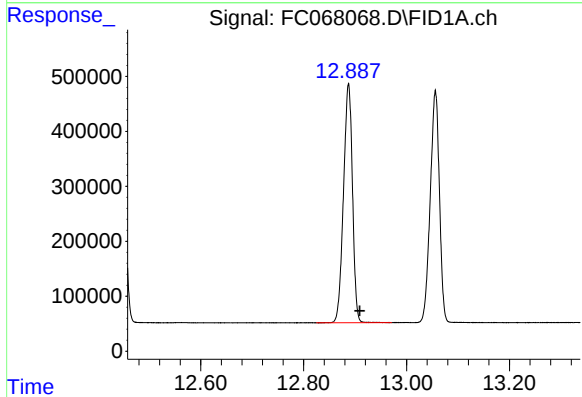
#11 n-Heneicosane (C21)

R.T.: 13.056 min
Delta R.T.: -0.022 min
Response: 5229709
Conc: 35.79 ug/ml

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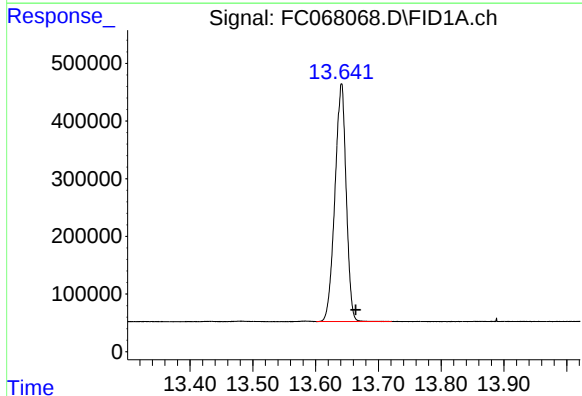
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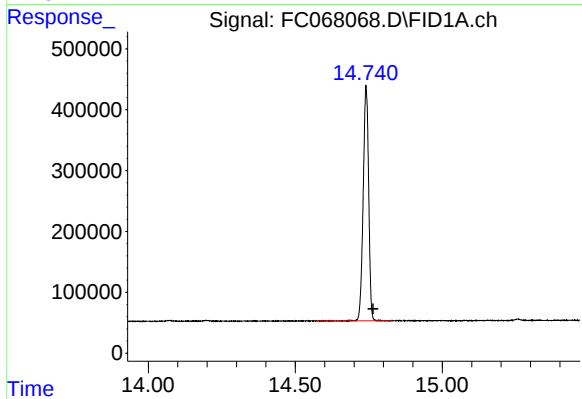
#12 1-chlorooctadecane (SURR)

R.T.: 12.887 min
Delta R.T.: -0.022 min
Response: 5270189
Conc: 41.30 ug/ml



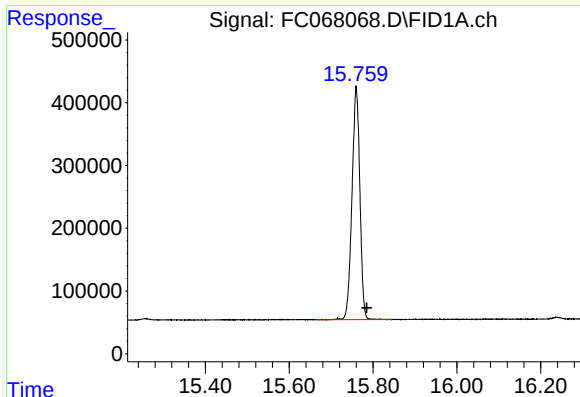
#13 n-Docosane (C22)

R.T.: 13.641 min
Delta R.T.: -0.023 min
Response: 5147967
Conc: 35.96 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.741 min
Delta R.T.: -0.024 min
Response: 4987405
Conc: 35.89 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.760 min
Delta R.T.: -0.025 min
Response: 4823076
Conc: 36.07 ug/ml

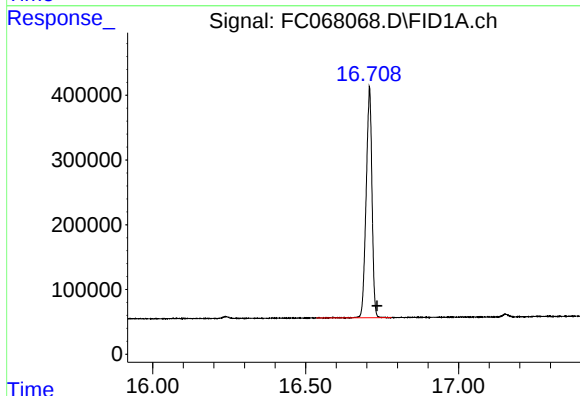
Instrument :

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ClientSampleId :
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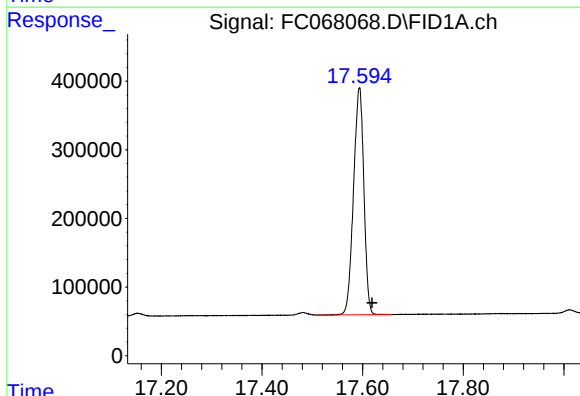
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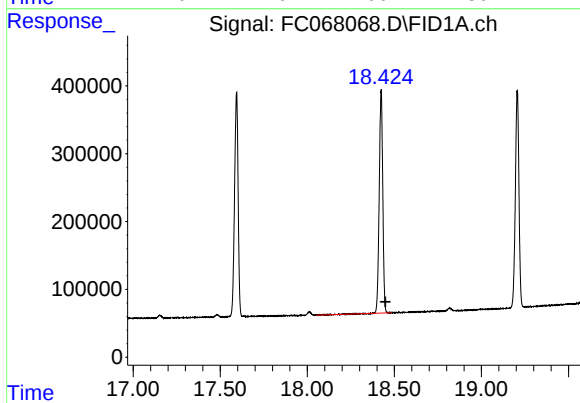
#16 n-Octacosane (C28)

R.T.: 16.709 min
Delta R.T.: -0.024 min
Response: 4703302
Conc: 36.26 ug/ml



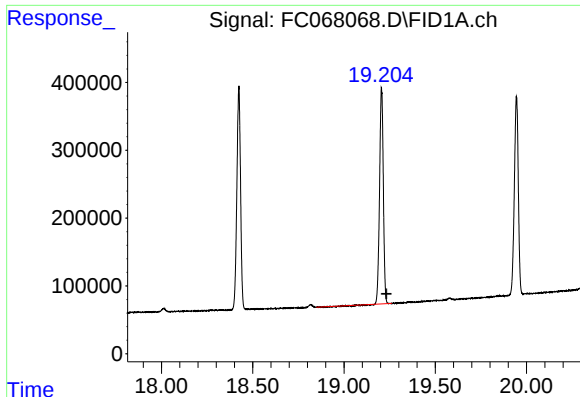
#17 n-Tricontane (C30)

R.T.: 17.593 min
Delta R.T.: -0.025 min
Response: 4718531
Conc: 36.42 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.424 min
Delta R.T.: -0.026 min
Response: 4645251
Conc: 37.50 ug/ml



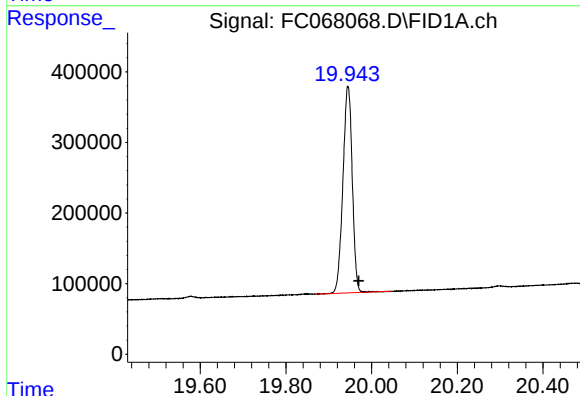
#19 n-Tetratriacontane (C34)

R.T.: 19.206 min
Delta R.T.: -0.027 min
Response: 4507922
Conc: 41.30 ug/ml

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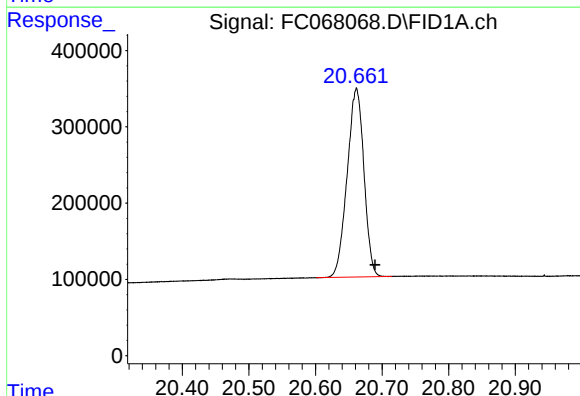
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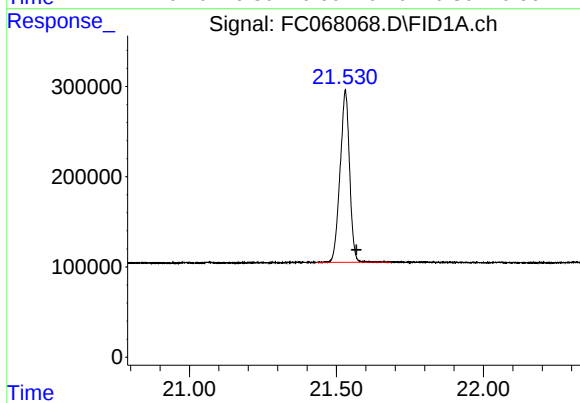
#20 n-Hexatriacontane (C36)

R.T.: 19.943 min
Delta R.T.: -0.027 min
Response: 4435369
Conc: 46.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: -0.028 min
Response: 4330161
Conc: 47.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.530 min
Delta R.T.: -0.038 min
Response: 4277434
Conc: 48.53 ug/ml