

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052424AL\
 Data File : FC066471.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2024 16:17
 Operator : YP/AJ
 Sample : P2597-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PL-01-052324MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/28/2024
 Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e
 Quant Time: May 25 02:11:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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			
9) S ortho-Terphenyl (SURR)	11.565	3451274	20.875 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
12) S 1-chlorooctadecane (S...	13.005	3215093	26.211 ug/ml
Spiked Amount 50.000		Recovery =	52.42%
Target Compounds			
1) T n-Nonane (C9)	3.314	2565480	16.987 ug/ml
2) T n-Decane (C10)	4.385	3074413	19.992 ug/ml
3) T A~Naphthalene (C11.7)	5.969	3822100	22.497 ug/ml
4) T n-Dodecane (C12)	6.406	3431294	22.327 ug/ml
5) T A~2-methylnaphthalene...	7.028	4027582	24.438 ug/ml
6) T n-Tetradecane (C14)	8.206	4225378	27.920 ug/mlm
7) T n-Hexadecane (C16)	9.808	5027014	32.876 ug/ml
8) T n-Octadecane (C18)	11.252	4511626	29.723 ug/ml
10) T n-Eicosane (C20)	12.561	4423743	30.752 ug/ml
11) T n-Heneicosane (C21)	13.175	4293832	30.547 ug/ml
13) T n-Docosane (C22)	13.761	3996038	28.542 ug/ml
14) T n-Tetracosane (C24)	14.866	3479985	24.719 ug/ml
15) T n-Hexacosane (C26)	15.890	3968303	29.011 ug/ml
16) T n-Octacosane (C28)	16.841	4113916	30.719 ug/ml
17) T n-Tricontane (C30)	17.732	4333873	32.159 ug/ml
18) T n-Dotriacontane (C32)	18.566	4051429	31.466 ug/ml
19) T n-Tetratriacontane (C34)	19.352	4611582	38.977 ug/ml
20) T n-Hexatriacontane (C36)	20.092	3771780	32.814 ug/mlm
21) T n-Octatriacontane (C38)	20.834	3846630	35.738 ug/mlm
22) T n-Tetracontane (C40)	21.758	4536183	42.302 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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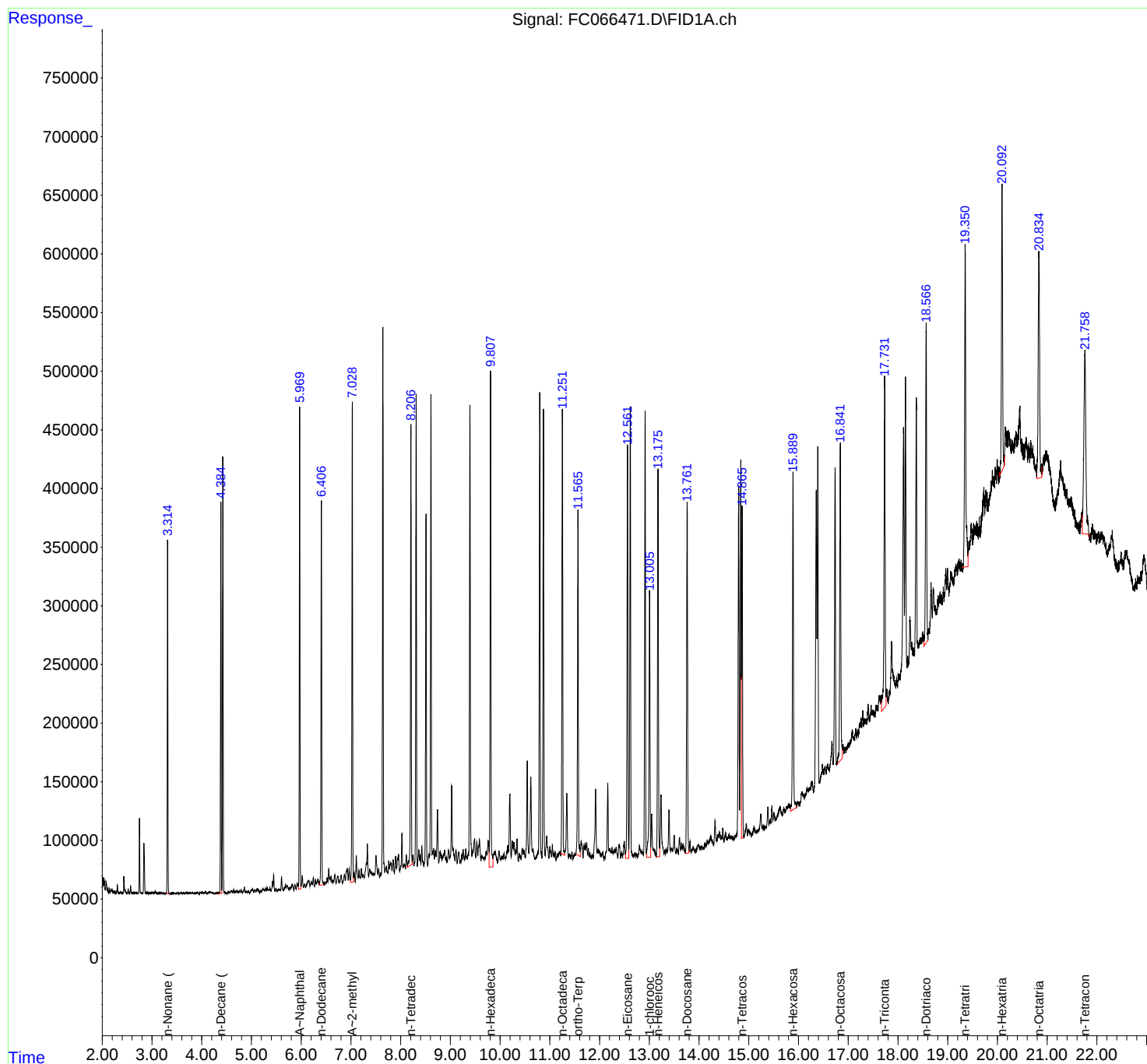
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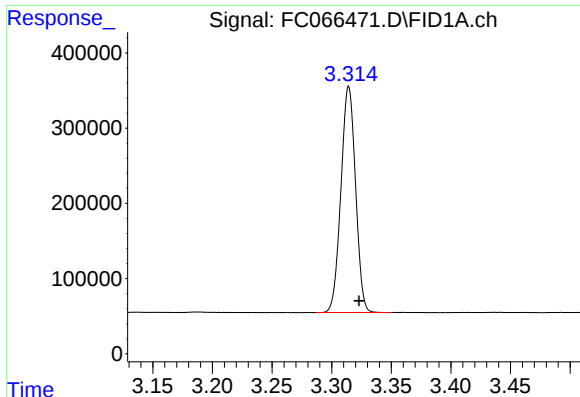
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#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 2565480
Conc: 16.99 ug/ml

Instrument :

FID_C

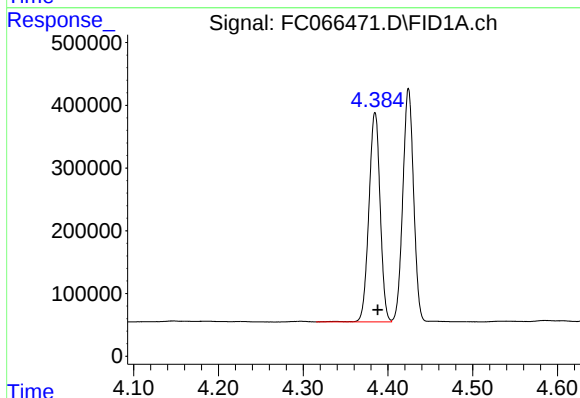
ClientSampleId :

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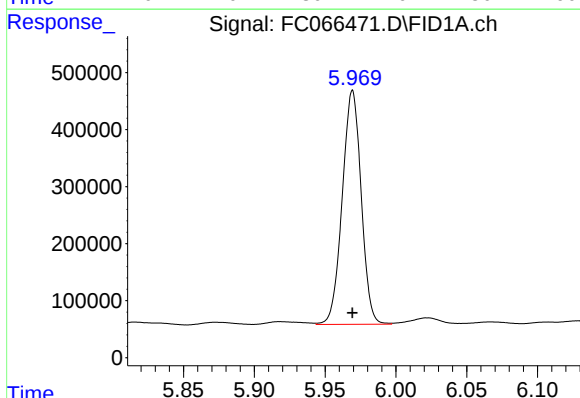
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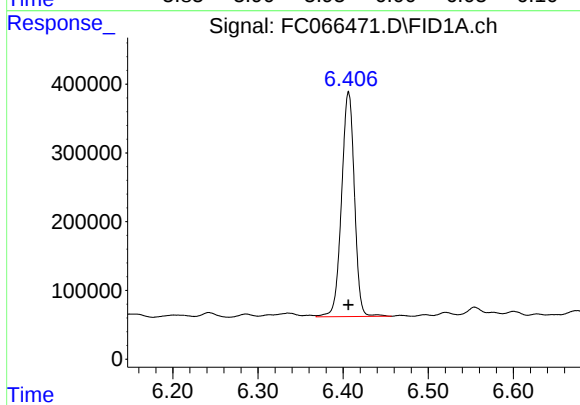
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.003 min
Response: 3074413
Conc: 19.99 ug/ml



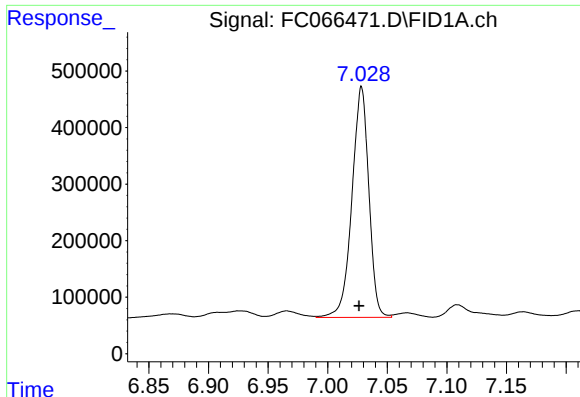
#3 A~Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 3822100
Conc: 22.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 3431294
Conc: 22.33 ug/ml



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

R.T.: 7.028 min
Delta R.T.: 0.002 min
Response: 4027582
Conc: 24.44 ug/ml

Instrument :

FID_C

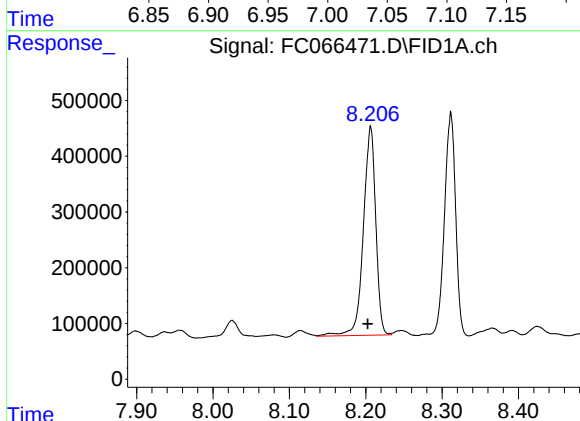
ClientSampleId :

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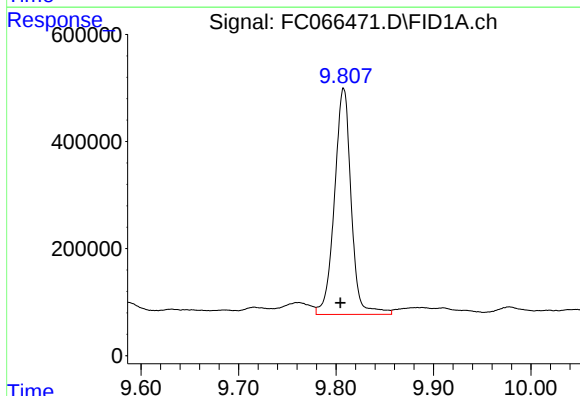
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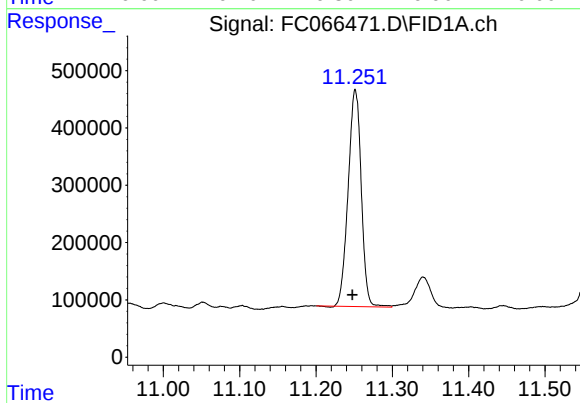
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: 0.003 min
Response: 4225378
Conc: 27.92 ug/ml m



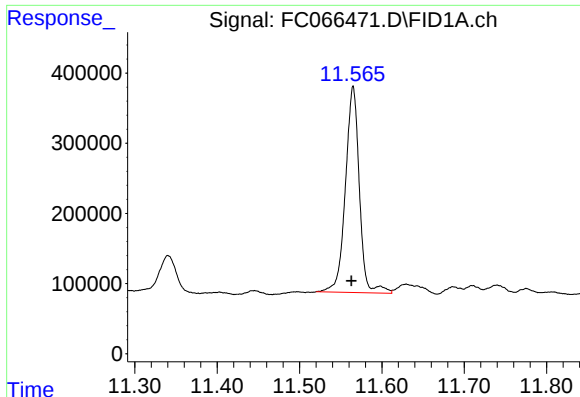
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: 0.003 min
Response: 5027014
Conc: 32.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.252 min
Delta R.T.: 0.004 min
Response: 4511626
Conc: 29.72 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: 0.002 min
Response: 3451274
Conc: 20.87 ug/ml

Instrument :

FID_C

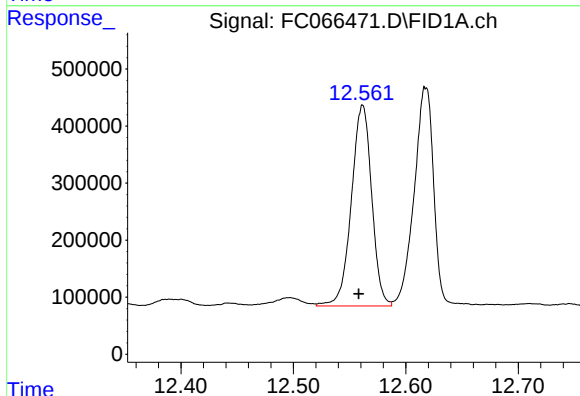
ClientSampleId :

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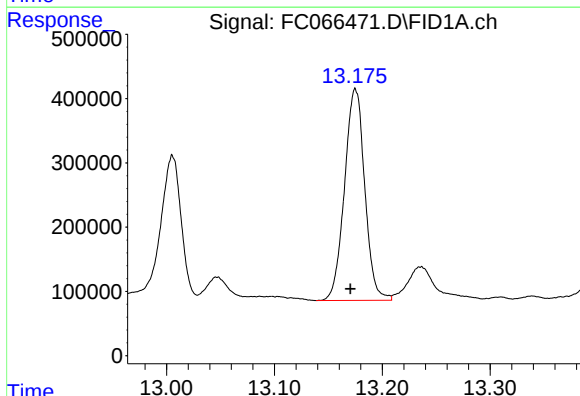
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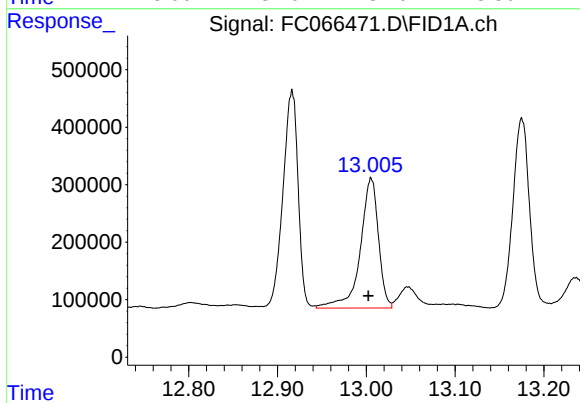
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: 0.003 min
Response: 4423743
Conc: 30.75 ug/ml



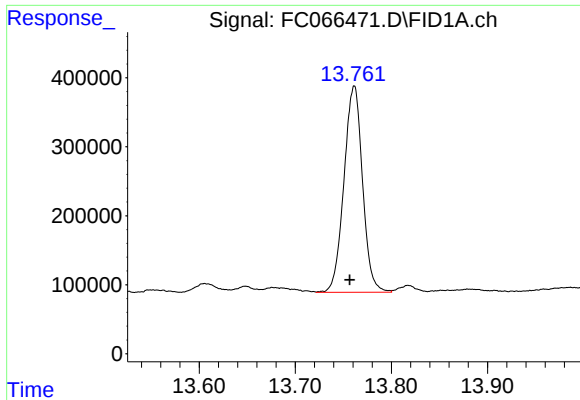
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: 0.004 min
Response: 4293832
Conc: 30.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.005 min
Delta R.T.: 0.003 min
Response: 3215093
Conc: 26.21 ug/ml



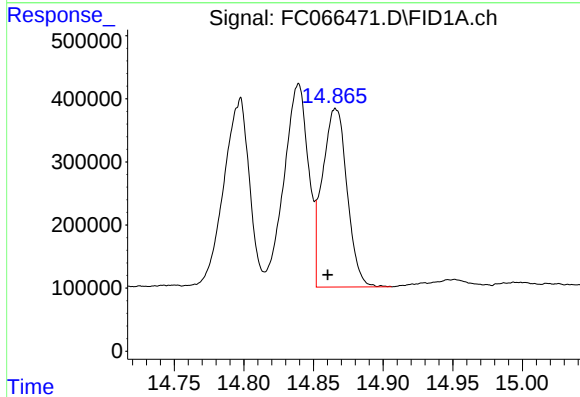
#13 n-Docosane (C22)

R.T.: 13.761 min
Delta R.T.: 0.004 min
Response: 3996038
Conc: 28.54 ug/ml

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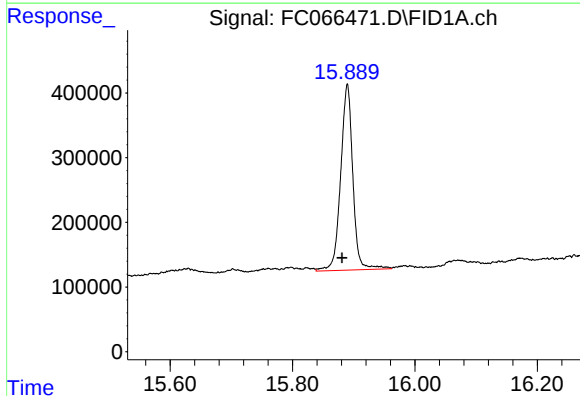
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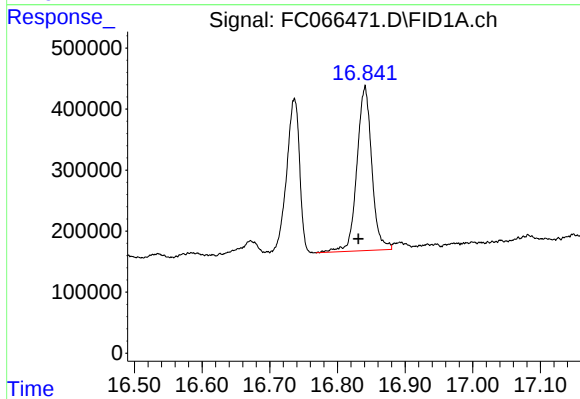
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: 0.006 min
Response: 3479985
Conc: 24.72 ug/ml



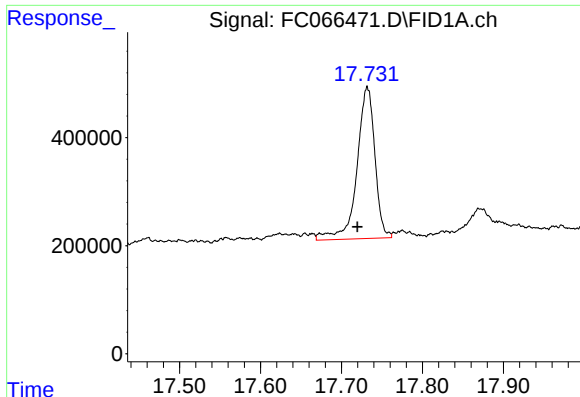
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: 0.008 min
Response: 3968303
Conc: 29.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.009 min
Response: 4113916
Conc: 30.72 ug/ml



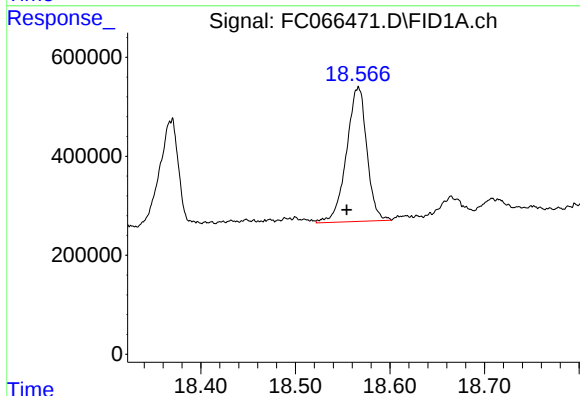
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.012 min
Response: 4333873
Conc: 32.16 ug/ml

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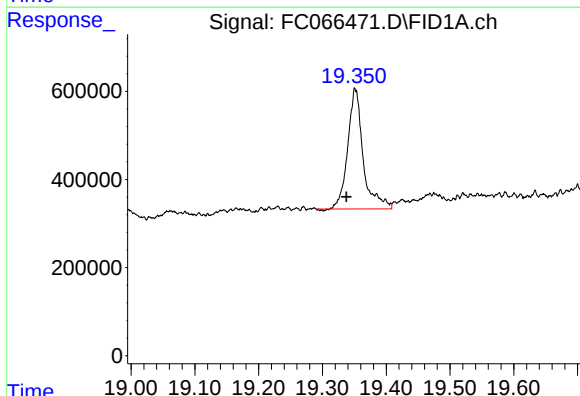
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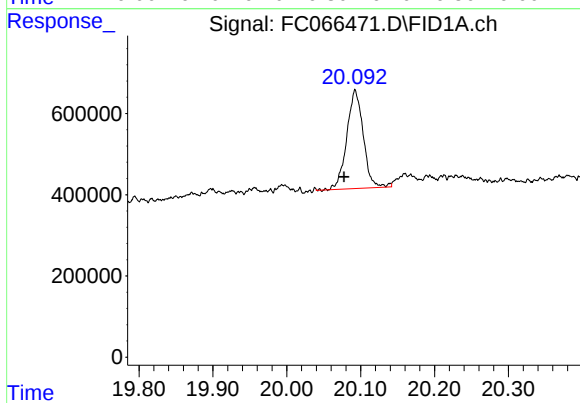
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: 0.012 min
Response: 4051429
Conc: 31.47 ug/ml



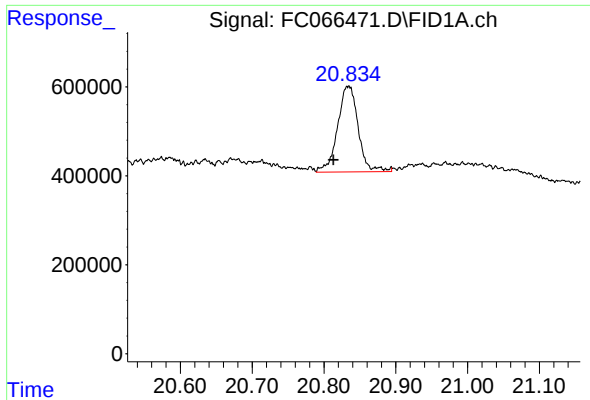
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: 0.014 min
Response: 4611582
Conc: 38.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: 0.014 min
Response: 3771780
Conc: 32.81 ug/ml m



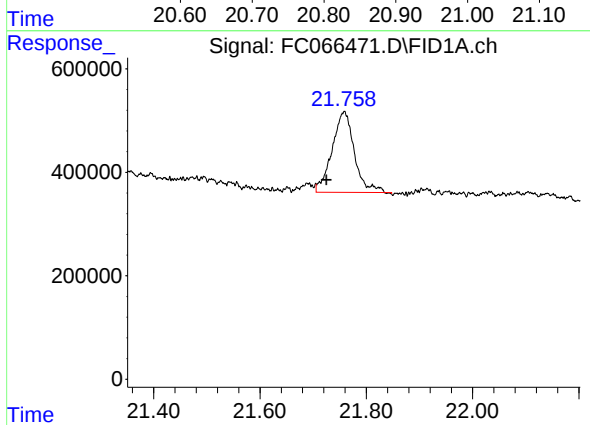
#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: 0.022 min
Response: 3846630
Conc: 35.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.758 min
Delta R.T.: 0.033 min
Response: 4536183
Conc: 42.30 ug/ml m