

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062722AL\
 Data File : FC060457.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2022 12:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: sample.E
 Quant Time: Jun 27 14:54:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.640	4126842	22.519 ug/ml
Spiked Amount 50.000		Recovery =	45.04%
12) S 1-chlorooctadecane (S...	12.006	3293434	22.344 ug/ml
Spiked Amount 50.000		Recovery =	44.69%
Target Compounds			
1) T n-Nonane (C9)	2.632	3387747	22.085 ug/ml
2) T n-Decane (C10)	3.627	3391160	22.205 ug/ml
3) T A~Naphthalene (C11.7)	5.165	3743541	22.391 ug/ml
4) T n-Dodecane (C12)	5.574	3607770	22.323 ug/ml
5) T A~2-methylnaphthalene...	6.188	3771987	22.190 ug/ml
6) T n-Tetradecane (C14)	7.324	3678677	22.268 ug/ml
7) T n-Hexadecane (C16)	8.886	3771016	22.313 ug/ml
8) T n-Octadecane (C18)	10.293	3848918	22.372 ug/ml
10) T n-Eicosane (C20)	11.571	3848750	22.551 ug/ml
11) T n-Heneicosane (C21)	12.168	3838321	22.512 ug/ml
13) T n-Docosane (C22)	12.740	3916968	22.979 ug/ml
14) T n-Tetracosane (C24)	13.817	3912328	23.302 ug/ml
15) T n-Hexacosane (C26)	14.813	3861442	23.498 ug/ml
16) T n-Octacosane (C28)	15.740	3828315	24.126 ug/ml
17) T n-Tricontane (C30)	16.606	3747228	24.617 ug/ml
18) T n-Dotriacontane (C32)	17.419	3475833	23.911 ug/ml
19) T n-Tetratriacontane (C34)	18.180	3056299	24.063 ug/ml
20) T n-Hexatriacontane (C36)	18.900	2717372	24.213 ug/mlm
21) T n-Octatriacontane (C38)	19.584	2495500	22.797 ug/ml
22) T n-Tetracontane (C40)	20.232	2386974	21.135 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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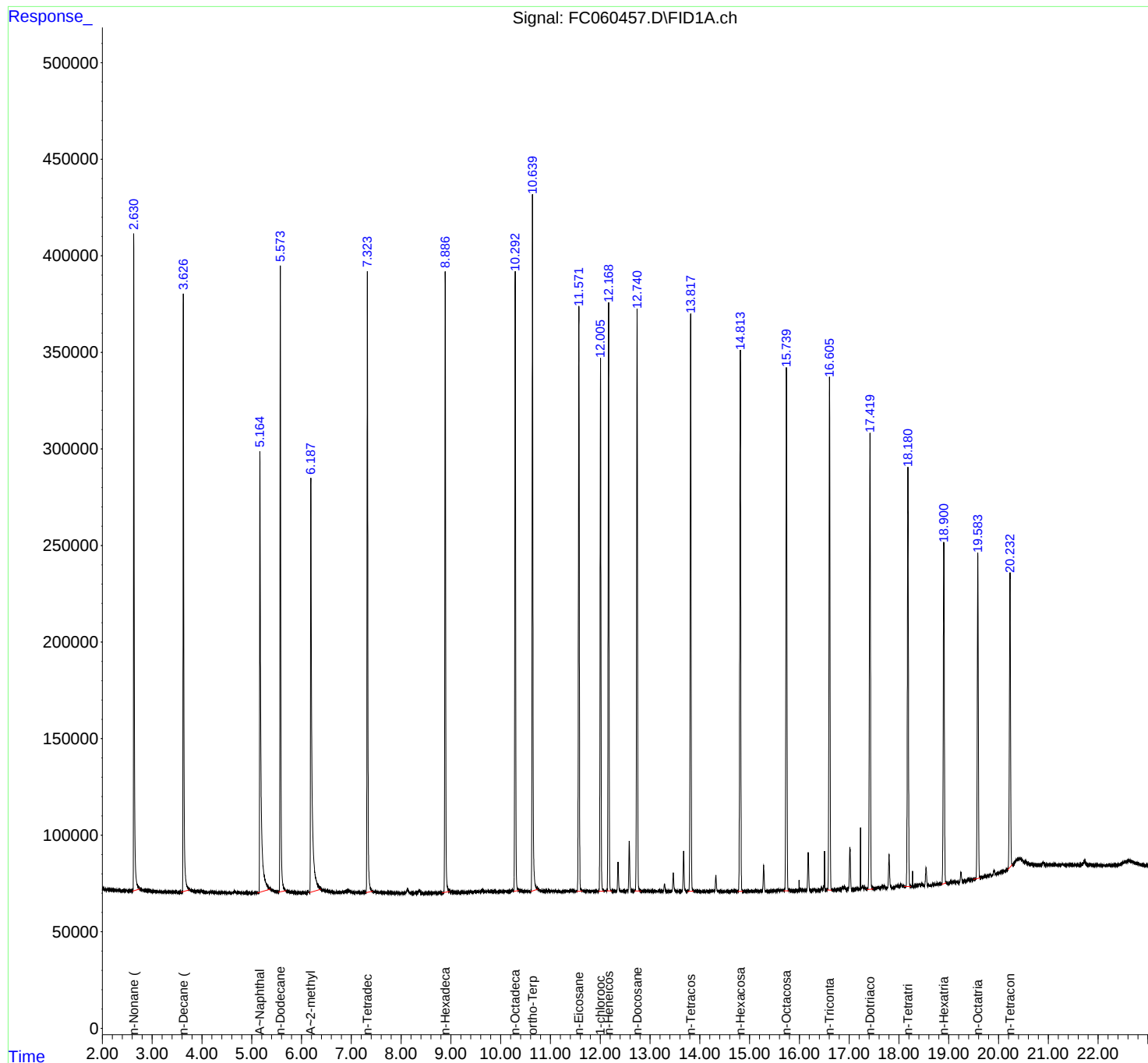
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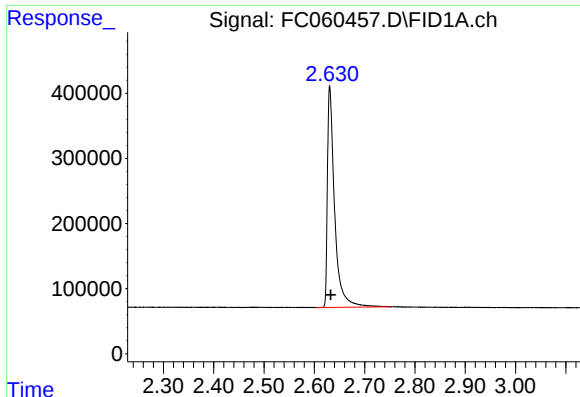
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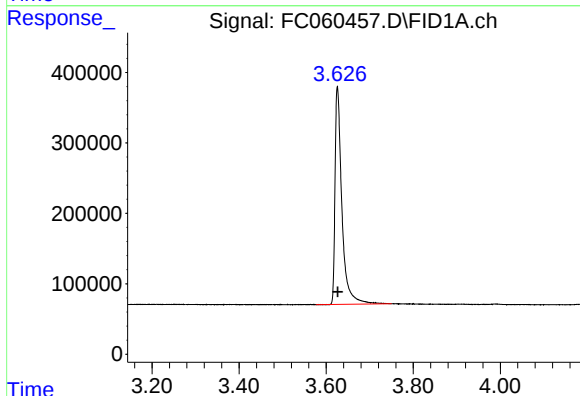
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.001 min
Response: 3387747
Conc: 22.08 ug/ml

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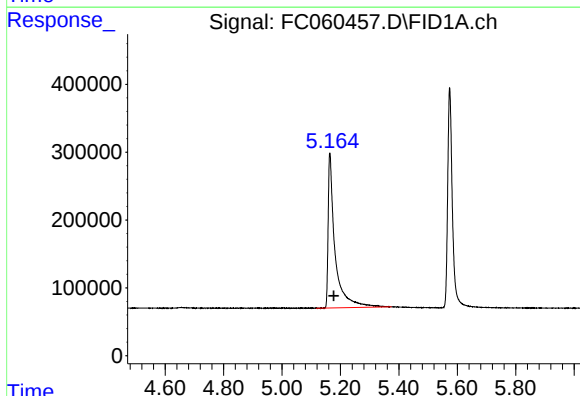
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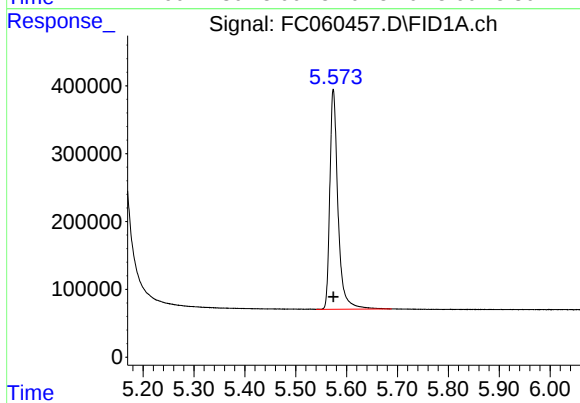
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 3391160
Conc: 22.21 ug/ml



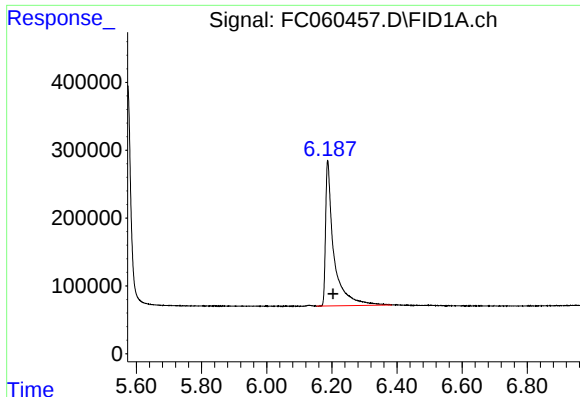
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.012 min
Response: 3743541
Conc: 22.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 3607770
Conc: 22.32 ug/ml



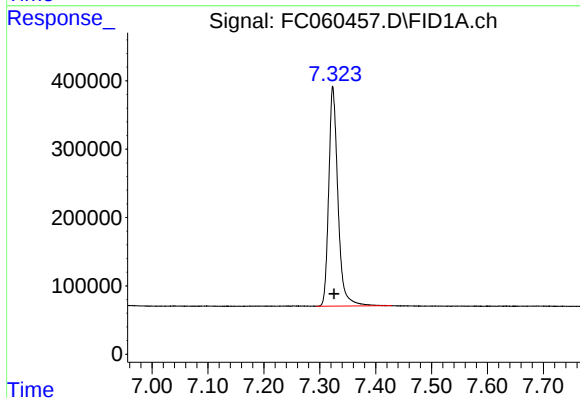
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.188 min
Delta R.T.: -0.016 min
Response: 3771987
Conc: 22.19 ug/ml

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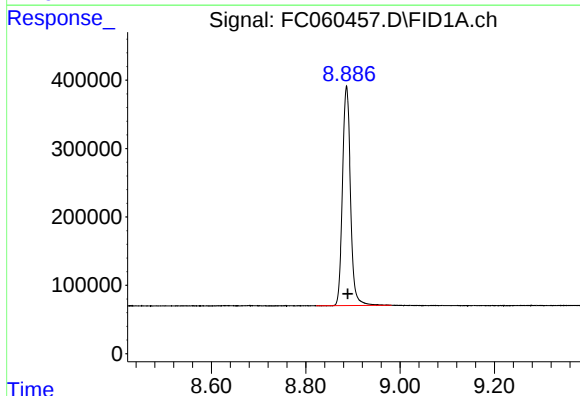
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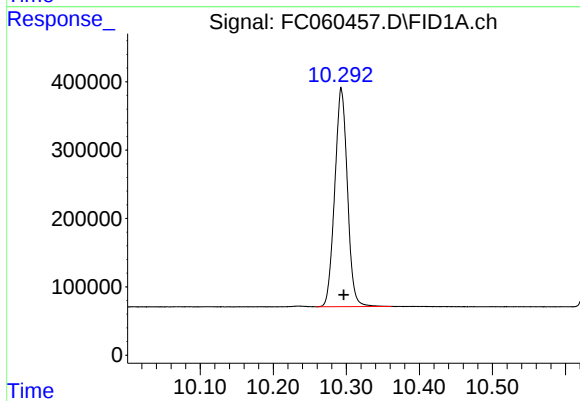
#6 n-Tetradecane (C14)

R.T.: 7.324 min
Delta R.T.: -0.002 min
Response: 3678677
Conc: 22.27 ug/ml



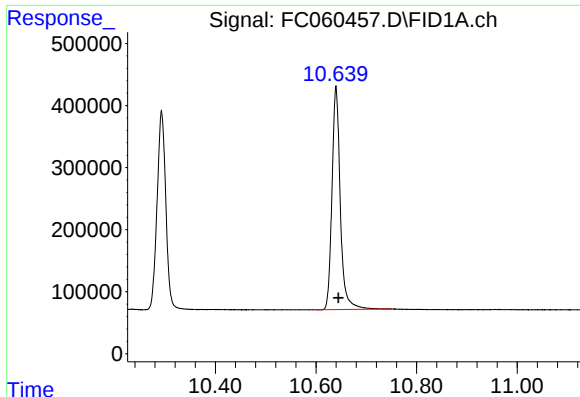
#7 n-Hexadecane (C16)

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 3771016
Conc: 22.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.293 min
Delta R.T.: -0.003 min
Response: 3848918
Conc: 22.37 ug/ml



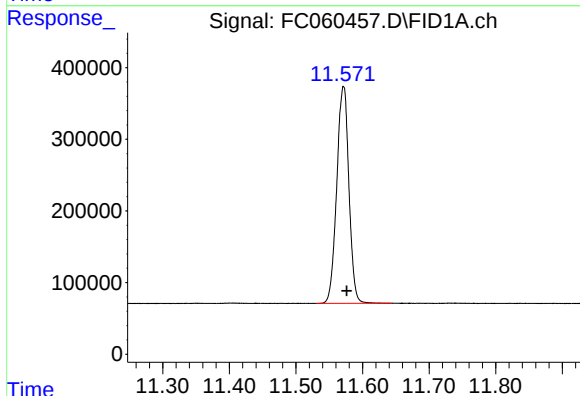
#9 ortho-Terphenyl (SURR)

R.T.: 10.640 min
Delta R.T.: -0.005 min
Response: 4126842
Conc: 22.52 ug/ml

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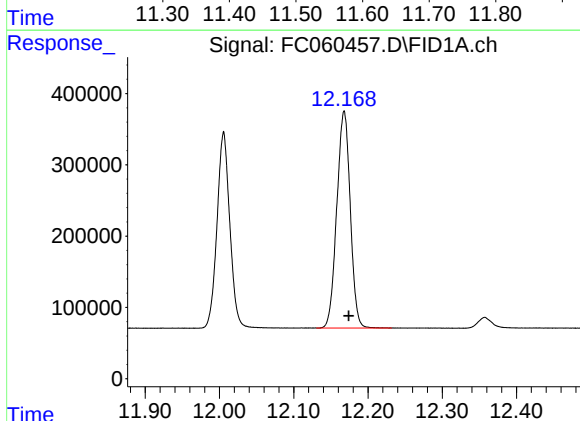
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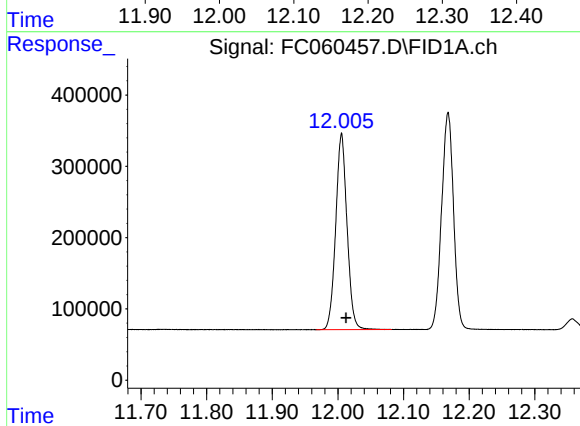
#10 n-Eicosane (C20)

R.T.: 11.571 min
Delta R.T.: -0.005 min
Response: 3848750
Conc: 22.55 ug/ml



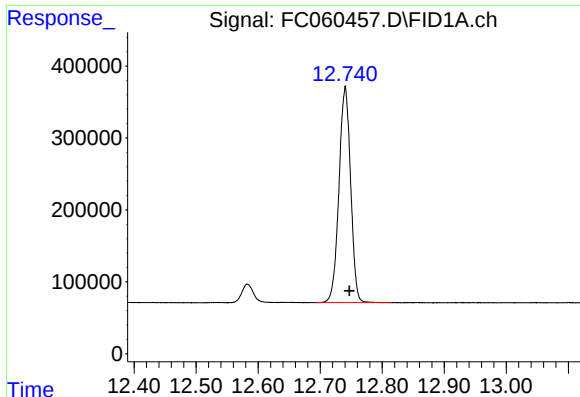
#11 n-Heneicosane (C21)

R.T.: 12.168 min
Delta R.T.: -0.006 min
Response: 3838321
Conc: 22.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.006 min
Delta R.T.: -0.007 min
Response: 3293434
Conc: 22.34 ug/ml



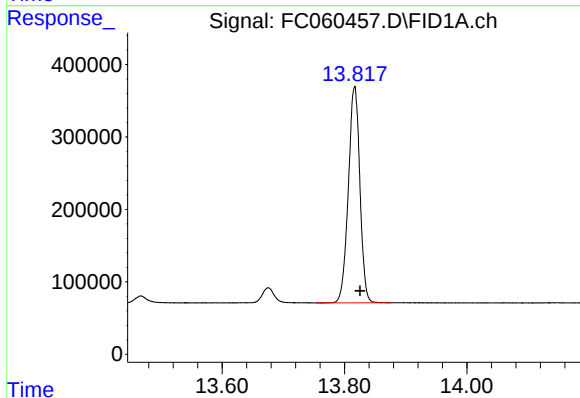
#13 n-Docosane (C22)

R.T.: 12.740 min
Delta R.T.: -0.007 min
Response: 3916968
Conc: 22.98 ug/ml

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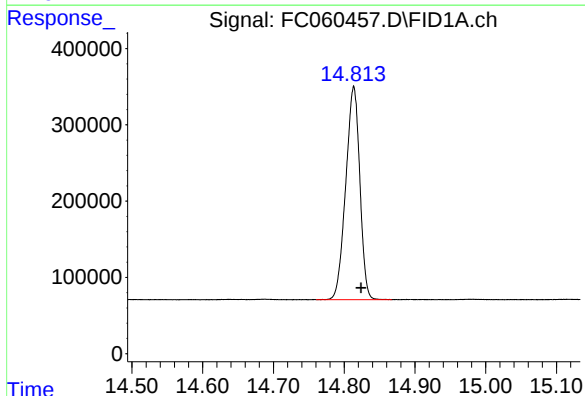
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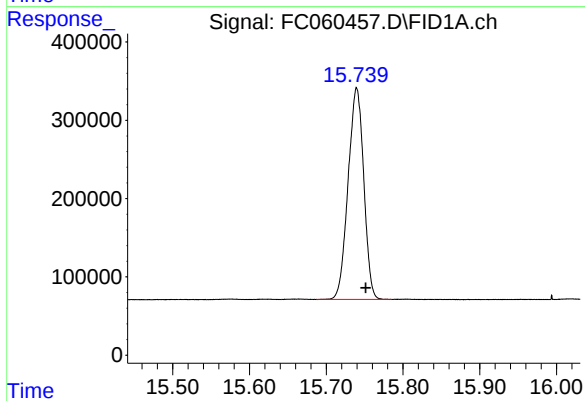
#14 n-Tetracosane (C24)

R.T.: 13.817 min
Delta R.T.: -0.009 min
Response: 3912328
Conc: 23.30 ug/ml



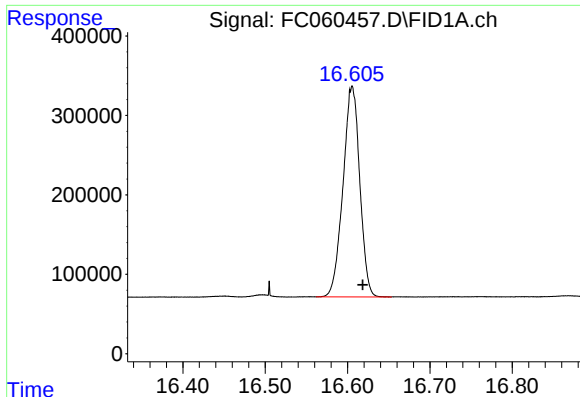
#15 n-Hexacosane (C26)

R.T.: 14.813 min
Delta R.T.: -0.010 min
Response: 3861442
Conc: 23.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.740 min
Delta R.T.: -0.012 min
Response: 3828315
Conc: 24.13 ug/ml



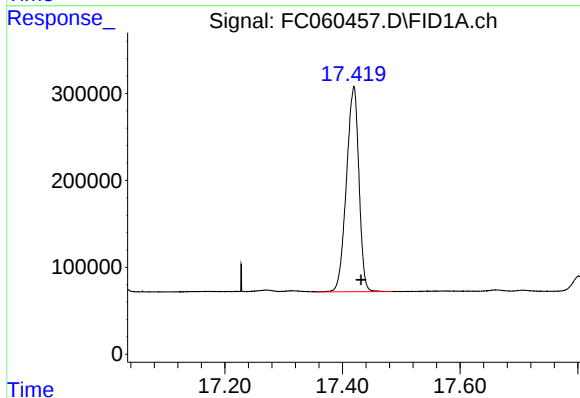
#17 n-Tricontane (C30)

R.T.: 16.606 min
Delta R.T.: -0.013 min
Response: 3747228
Conc: 24.62 ug/ml

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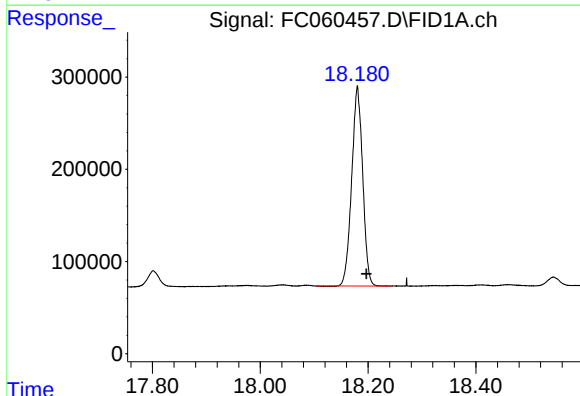
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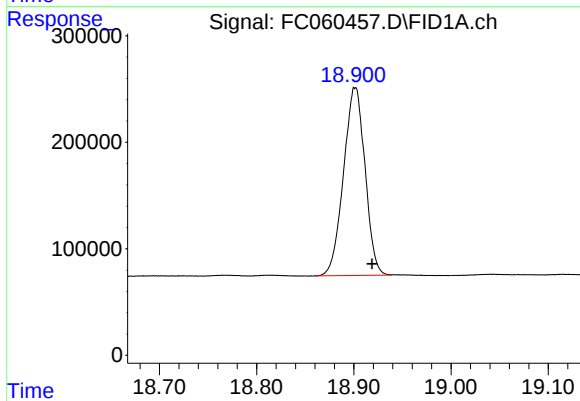
#18 n-Dotriacontane (C32)

R.T.: 17.419 min
Delta R.T.: -0.012 min
Response: 3475833
Conc: 23.91 ug/ml



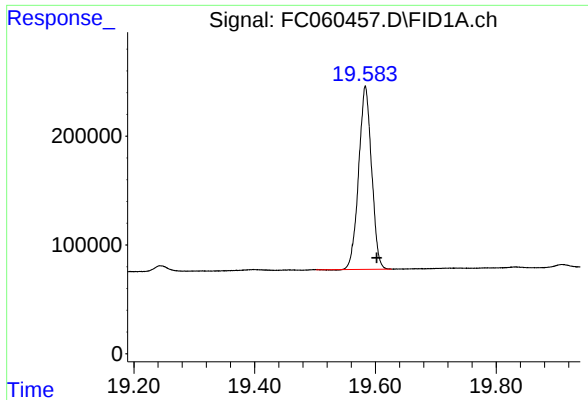
#19 n-Tetratriacontane (C34)

R.T.: 18.180 min
Delta R.T.: -0.017 min
Response: 3056299
Conc: 24.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.900 min
Delta R.T.: -0.019 min
Response: 2717372
Conc: 24.21 ug/ml m



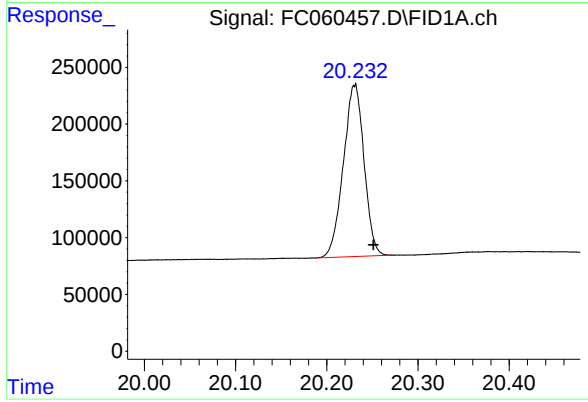
#21 n-Octatriacontane (C38)

R.T.: 19.584 min
Delta R.T.: -0.019 min
Response: 2495500
Conc: 22.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.232 min
Delta R.T.: -0.020 min
Response: 2386974
Conc: 21.13 ug/ml m