

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061782.D
 Signal(s) : FID1A.ch
 Acq On : 13 Oct 2022 13:21
 Operator : YP/AJ
 Sample : N5083-15MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MOUNT-LAUREL-7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 14 04:50:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.590	6021404	35.234 ug/ml
Spiked Amount 50.000		Recovery =	70.47%
12) S 1-chlorooctadecane (S...	13.027	5116719	37.455 ug/ml
Spiked Amount 50.000		Recovery =	74.91%
Target Compounds			
1) T n-Nonane (C9)	3.343	3422410	22.928 ug/ml
2) T n-Decane (C10)	4.412	3964979	26.286 ug/ml
3) T A~Naphthalene (C11.7)	5.997	4624431	27.886 ug/ml
4) T n-Dodecane (C12)	6.428	4465064	29.364 ug/ml
5) T A~2-methylnaphthalene...	7.053	4719131	28.689 ug/ml
6) T n-Tetradecane (C14)	8.228	4898501	32.130 ug/ml
7) T n-Hexadecane (C16)	9.829	5526426	35.740 ug/ml
8) T n-Octadecane (C18)	11.273	5996388	38.037 ug/ml
10) T n-Eicosane (C20)	12.582	5870690	36.840 ug/ml
11) T n-Heneicosane (C21)	13.195	5813130	36.233 ug/ml
13) T n-Docosane (C22)	13.781	5733116	35.684 ug/ml
14) T n-Tetracosane (C24)	14.883	4161272	25.977 ug/mlm
15) T n-Hexacosane (C26)	15.906	5348022	33.736 ug/ml
16) T n-Octacosane (C28)	16.853	5087349	32.822 ug/ml
17) T n-Tricontane (C30)	17.743	4832135	31.400 ug/ml
18) T n-Dotriacontane (C32)	18.574	4699858	31.083 ug/ml
19) T n-Tetratriacontane (C34)	19.357	4575023	32.266 ug/ml
20) T n-Hexatriacontane (C36)	20.096	4380677	31.731 ug/ml
21) T n-Octatriacontane (C38)	20.834	4292085	33.142 ug/ml
22) T n-Tetracontane (C40)	21.750	4269930	34.940 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

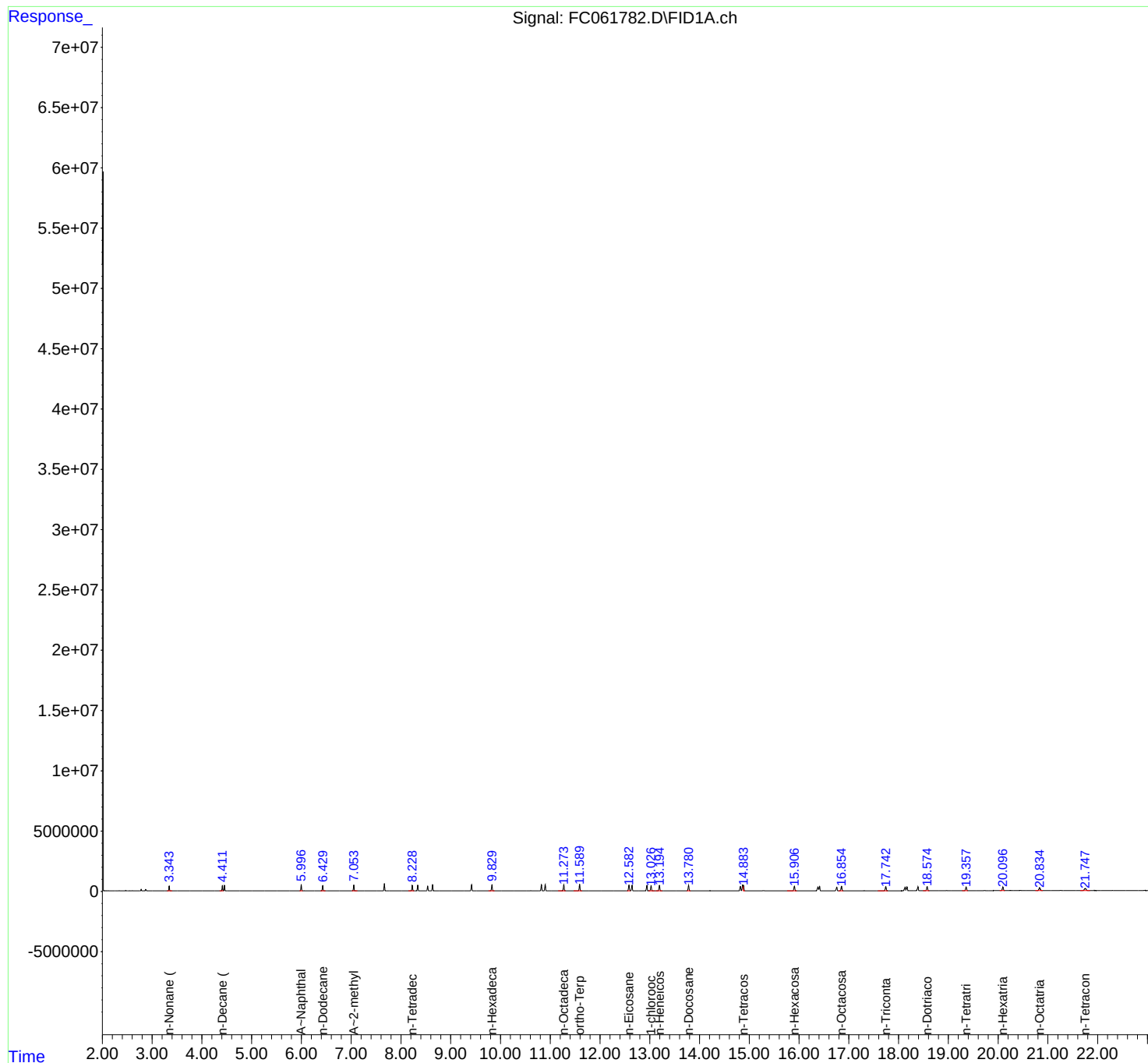
Instrument :
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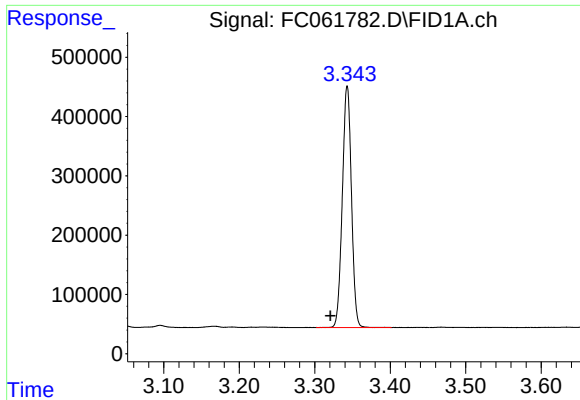
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#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: 0.022 min
Response: 3422410
Conc: 22.93 ug/ml

Instrument :

FID_C

ClientSampleId :

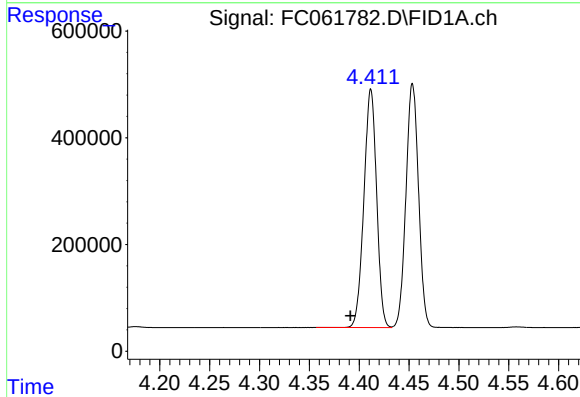
MOUNT-LAUREL-7MS

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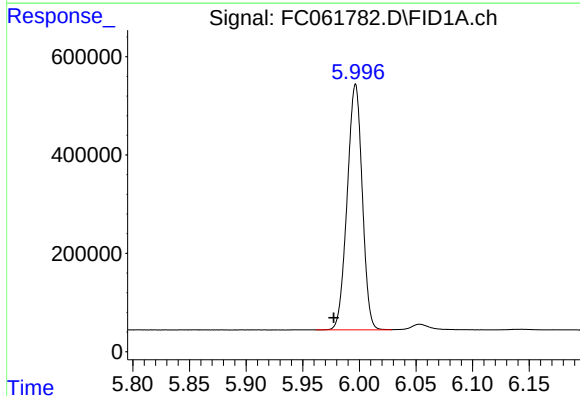
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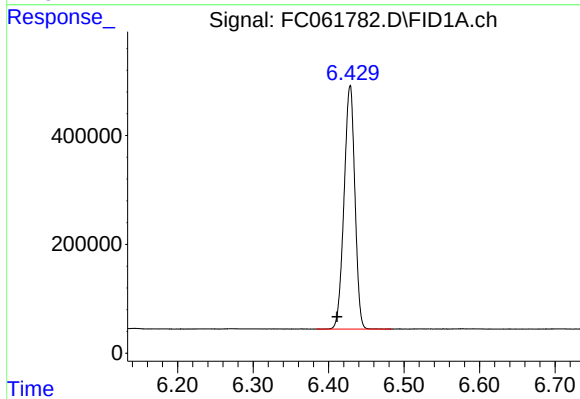
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: 0.020 min
Response: 3964979
Conc: 26.29 ug/ml



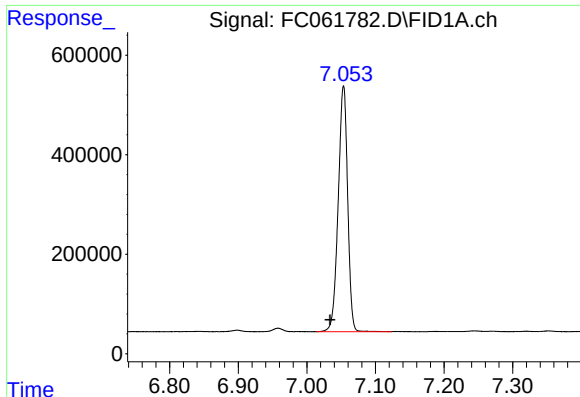
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: 0.019 min
Response: 4624431
Conc: 27.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: 0.017 min
Response: 4465064
Conc: 29.36 ug/ml



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

R.T.: 7.053 min
Delta R.T.: 0.019 min
Response: 4719131
Conc: 28.69 ug/ml

Instrument :

FID_C

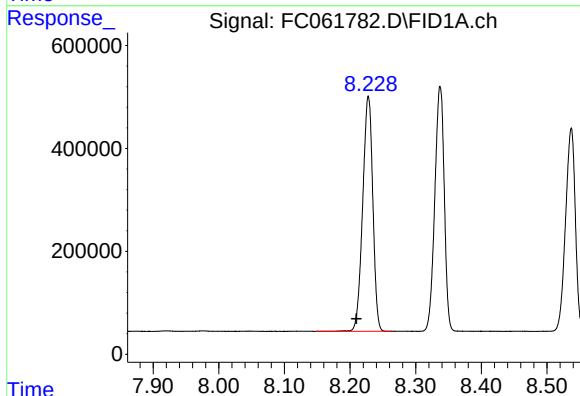
ClientSampleId :

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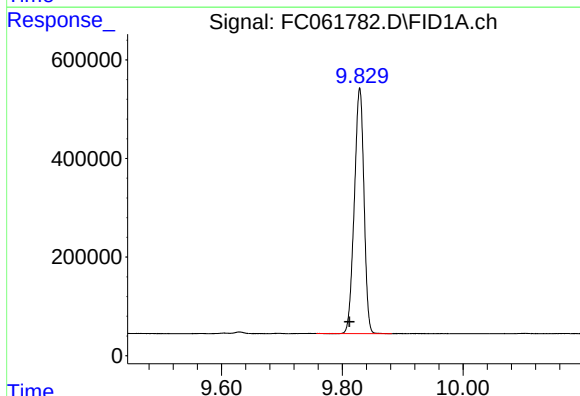
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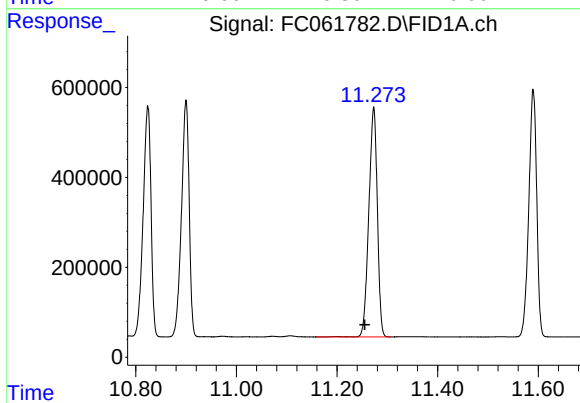
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.018 min
Response: 4898501
Conc: 32.13 ug/ml



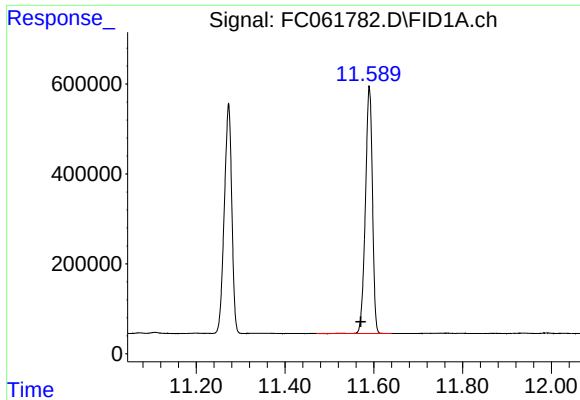
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.017 min
Response: 5526426
Conc: 35.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: 0.018 min
Response: 5996388
Conc: 38.04 ug/ml



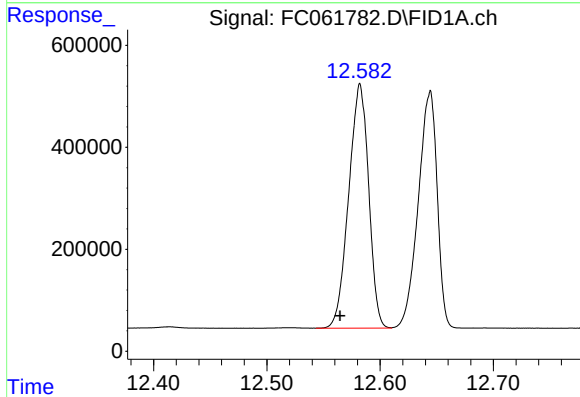
#9 ortho-Terphenyl (SURR)

R.T.: 11.590 min
Delta R.T.: 0.019 min
Response: 6021404
Conc: 35.23 ug/ml

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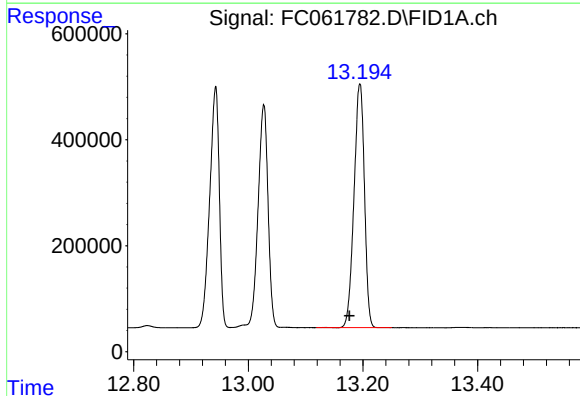
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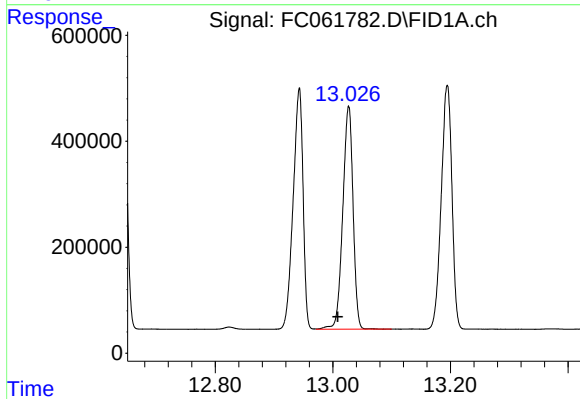
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: 0.018 min
Response: 5870690
Conc: 36.84 ug/ml



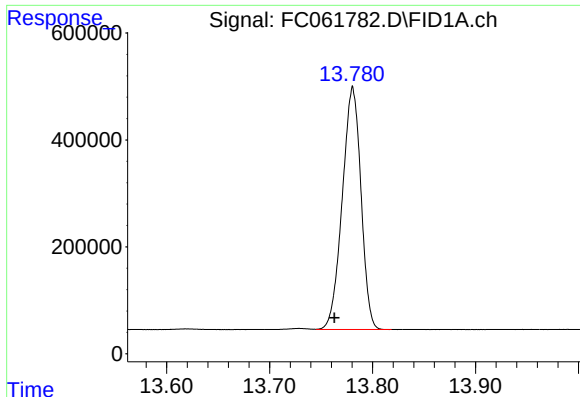
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.018 min
Response: 5813130
Conc: 36.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: 0.018 min
Response: 5116719
Conc: 37.45 ug/ml



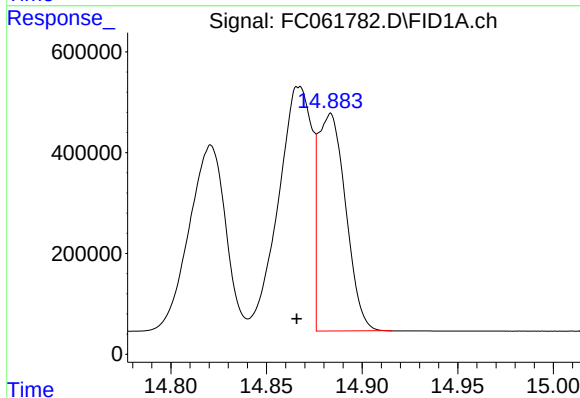
#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: 0.018 min
Response: 5733116
Conc: 35.68 ug/ml

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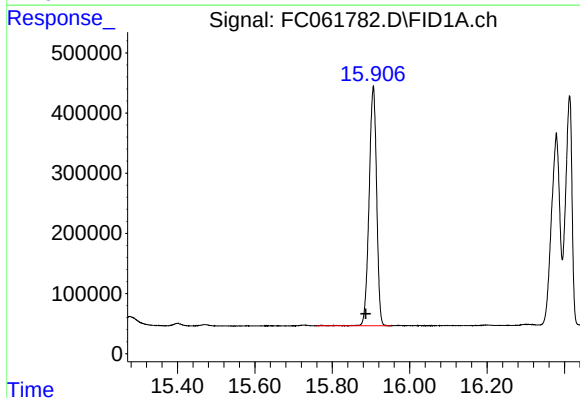
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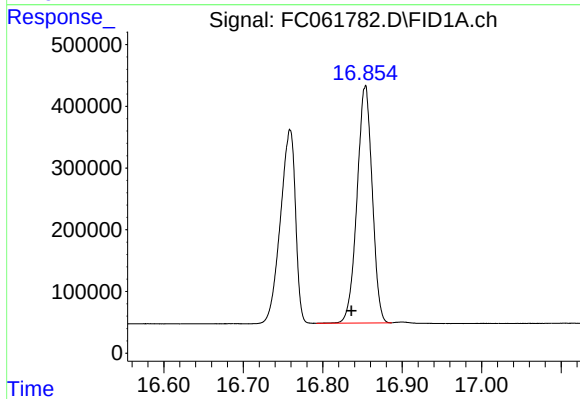
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: 0.018 min
Response: 4161272
Conc: 25.98 ug/ml m



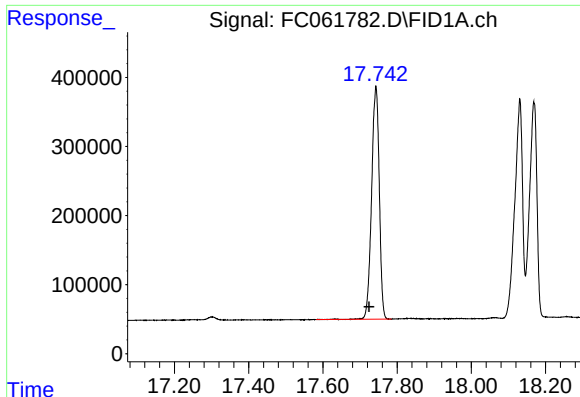
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: 0.019 min
Response: 5348022
Conc: 33.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: 0.017 min
Response: 5087349
Conc: 32.82 ug/ml



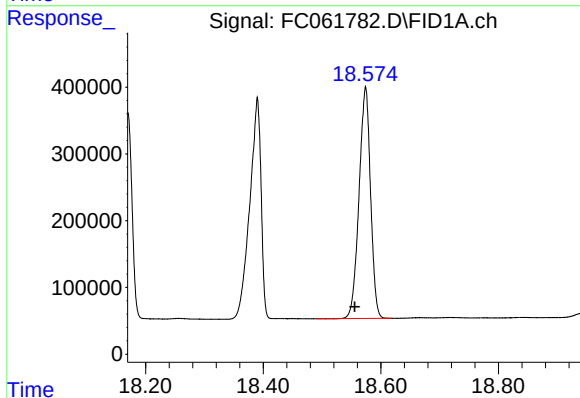
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: 0.019 min
Response: 4832135
Conc: 31.40 ug/ml

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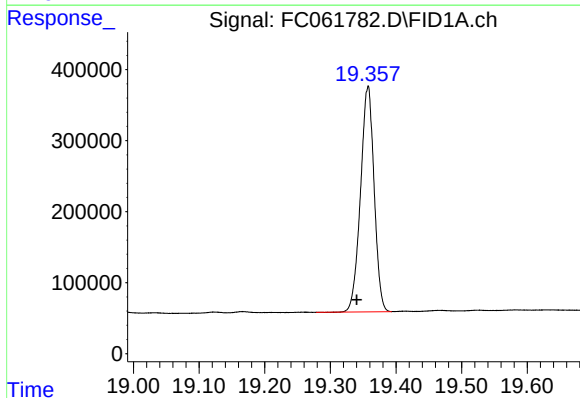
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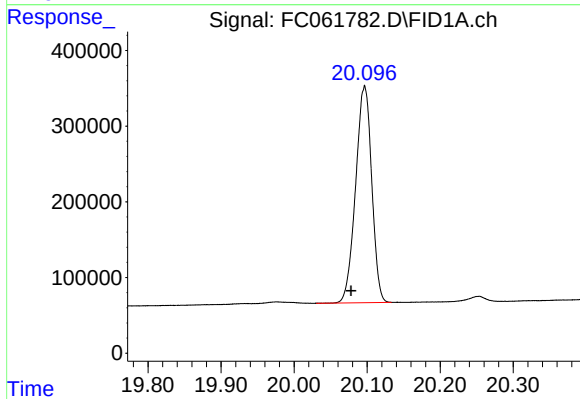
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: 0.018 min
Response: 4699858
Conc: 31.08 ug/ml



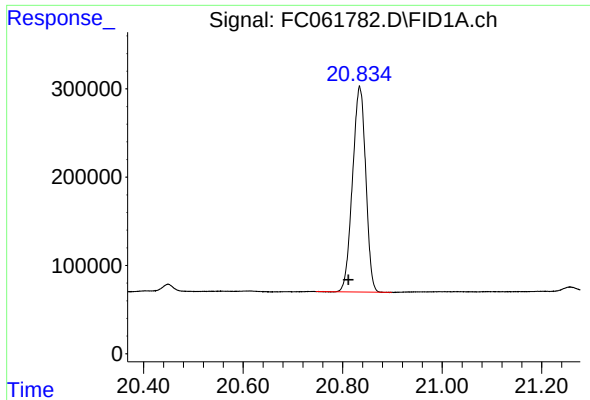
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: 0.017 min
Response: 4575023
Conc: 32.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.096 min
Delta R.T.: 0.018 min
Response: 4380677
Conc: 31.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: 0.023 min
Response: 4292085
Conc: 33.14 ug/ml

Instrument :

FID_C

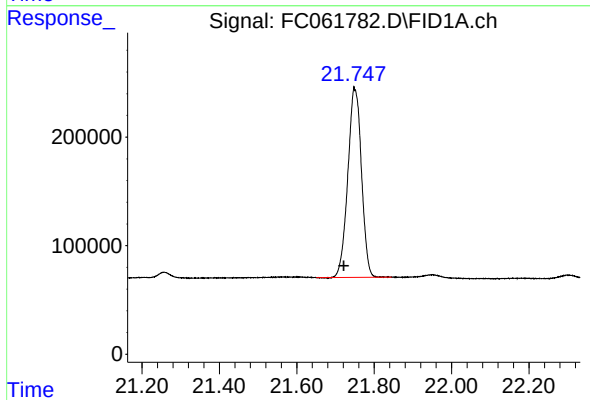
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#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: 0.028 min
Response: 4269930
Conc: 34.94 ug/ml