

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052824AL\
 Data File : FC066484.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2024 11:14
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: May 28 12:00:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:00:01 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)	11.562	1537682	10.048 ug/ml
Spiked Amount 50.000		Recovery =	20.10%
12) S 1-chlorooctadecane (S...	13.002	1154309	10.020 ug/ml
Spiked Amount 50.000		Recovery =	20.04%
Target Compounds			
1) T n-Nonane (C9)	3.312	1423302	10.099 ug/ml
2) T n-Decane (C10)	4.382	1452778	10.008 ug/ml
3) T A~Naphthalene (C11.7)	5.968	1604063	9.977 ug/ml
4) T n-Dodecane (C12)	6.404	1458075	10.042 ug/ml
5) T A~2-methylnaphthalene...	7.026	1545184	9.981 ug/ml
6) T n-Tetradecane (C14)	8.201	1425879	10.031 ug/ml
7) T n-Hexadecane (C16)	9.803	1455222	10.058 ug/ml
8) T n-Octadecane (C18)	11.247	1447811	10.054 ug/ml
10) T n-Eicosane (C20)	12.557	1373740	10.044 ug/ml
11) T n-Heneicosane (C21)	13.170	1347769	10.061 ug/ml
13) T n-Docosane (C22)	13.756	1332151	10.051 ug/ml
14) T n-Tetracosane (C24)	14.859	1313857	10.050 ug/ml
15) T n-Hexacosane (C26)	15.881	1282896	10.043 ug/ml
16) T n-Octacosane (C28)	16.832	1252171	10.048 ug/ml
17) T n-Tricontane (C30)	17.720	1275350	10.131 ug/ml
18) T n-Dotriacontane (C32)	18.552	1248818	10.151 ug/ml
19) T n-Tetratriacontane (C34)	19.337	1211035	10.099 ug/ml
20) T n-Hexatriacontane (C36)	20.076	1212221	10.227 ug/ml
21) T n-Octatriacontane (C38)	20.813	1151541	10.083 ug/mlm
22) T n-Tetracontane (C40)	21.728	1198549	10.042 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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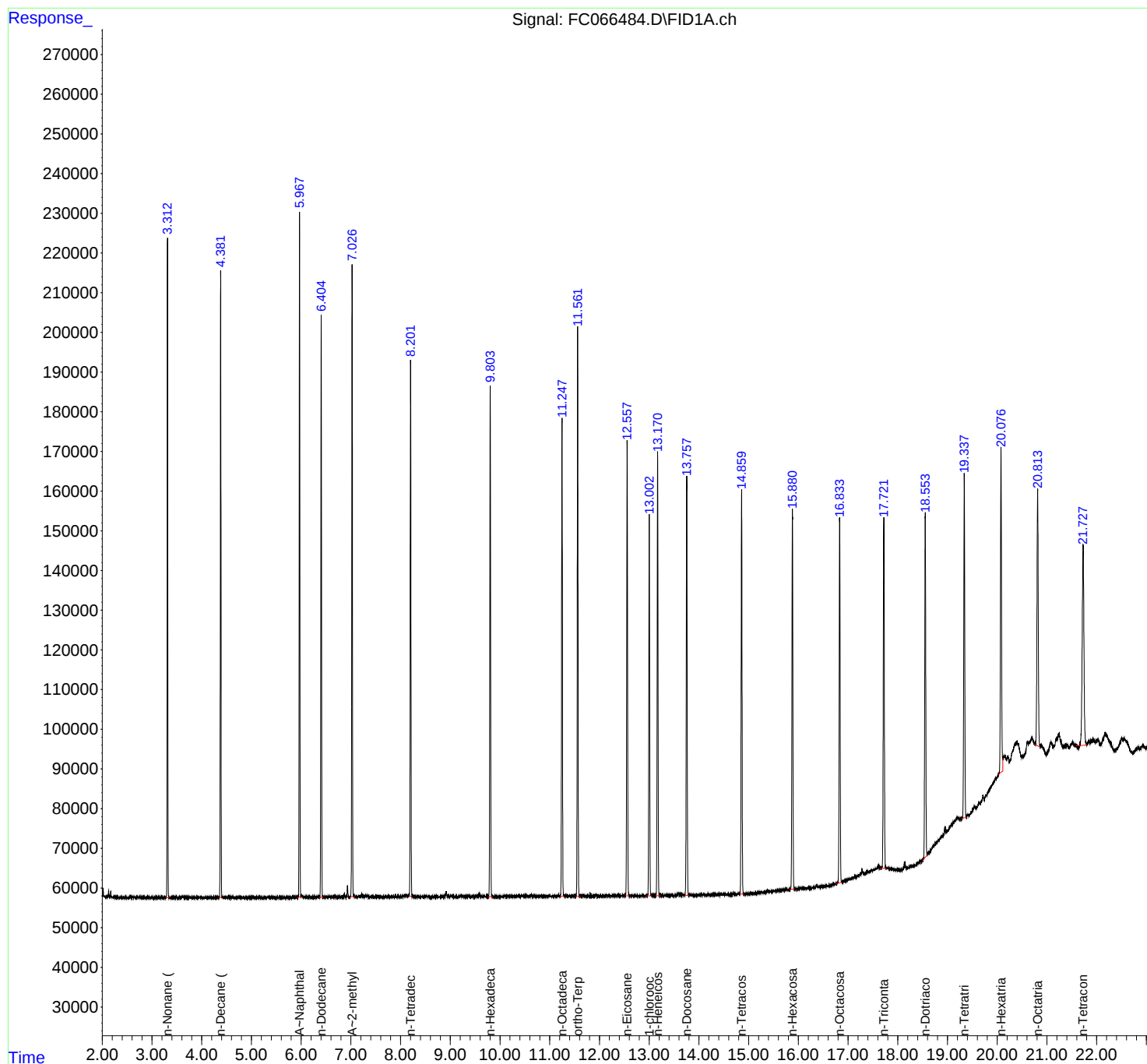
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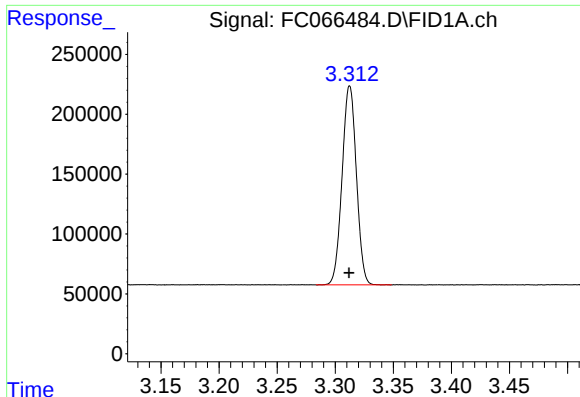
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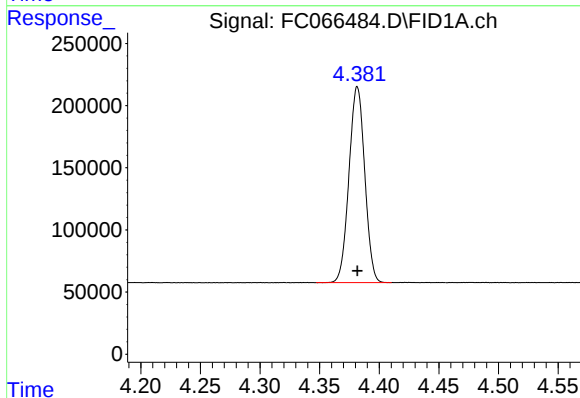
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 1423302
Conc: 10.10 ug/ml

Instrument :
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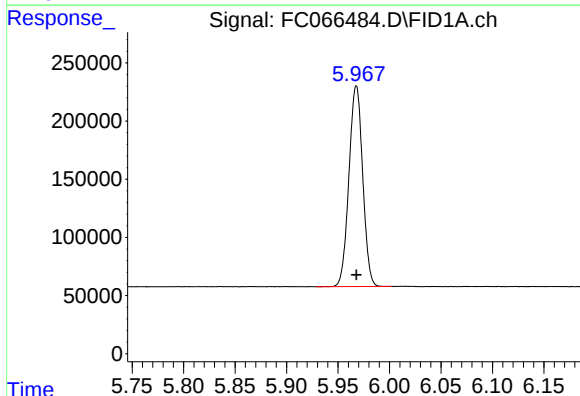
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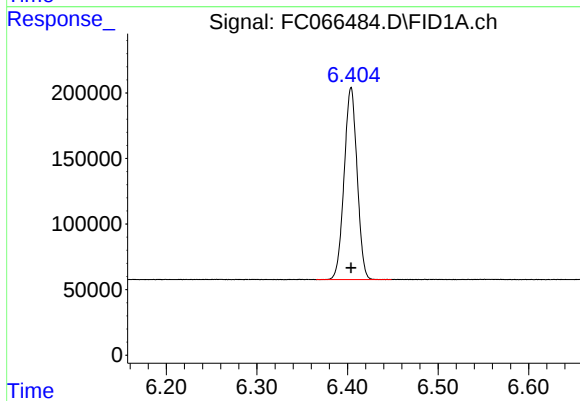
#2 n-Decane (C10)

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 1452778
Conc: 10.01 ug/ml



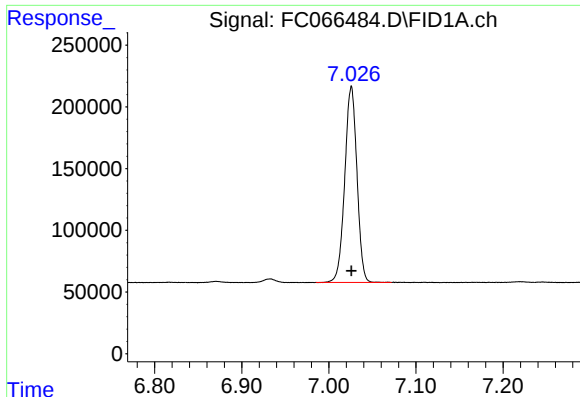
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 1604063
Conc: 9.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 1458075
Conc: 10.04 ug/ml



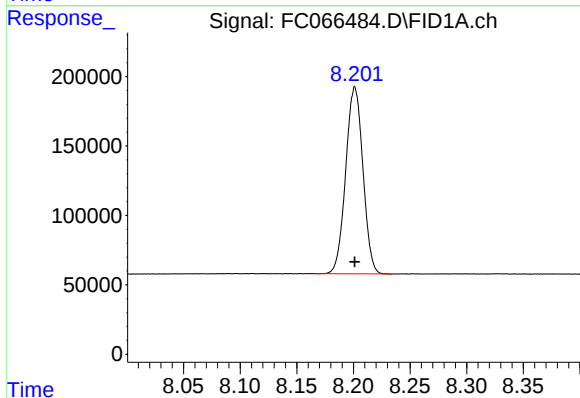
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 1545184
Conc: 9.98 ug/ml

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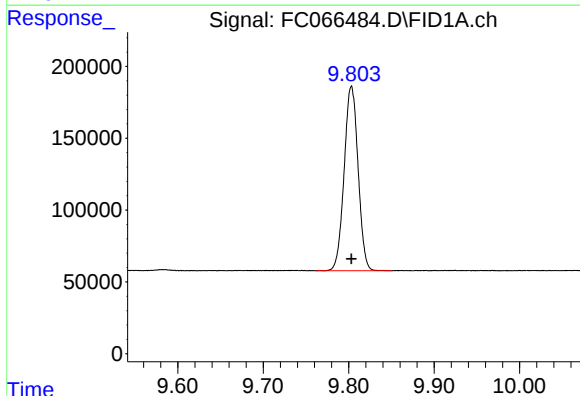
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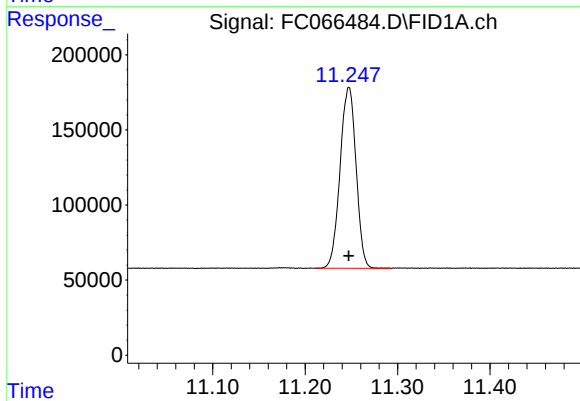
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 1425879
Conc: 10.03 ug/ml



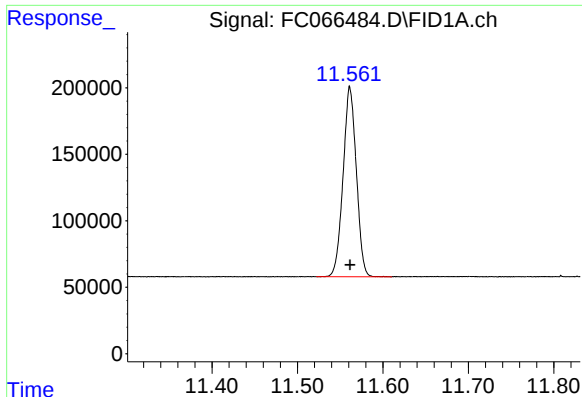
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: 0.000 min
Response: 1455222
Conc: 10.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 1447811
Conc: 10.05 ug/ml



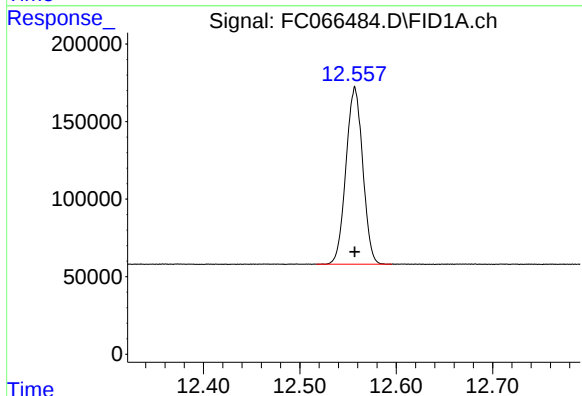
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: 0.000 min
Response: 1537682
Conc: 10.05 ug/ml

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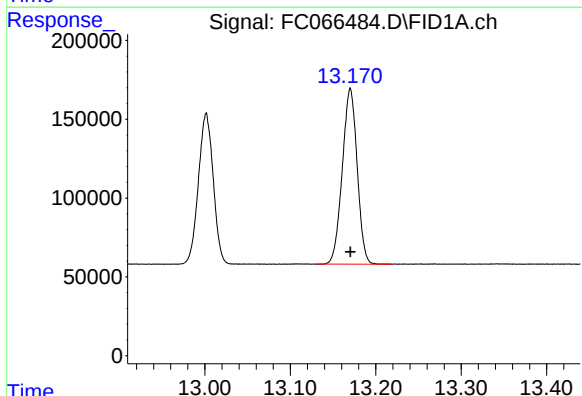
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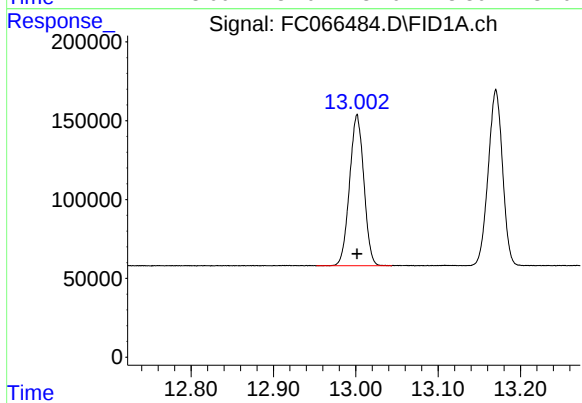
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.000 min
Response: 1373740
Conc: 10.04 ug/ml



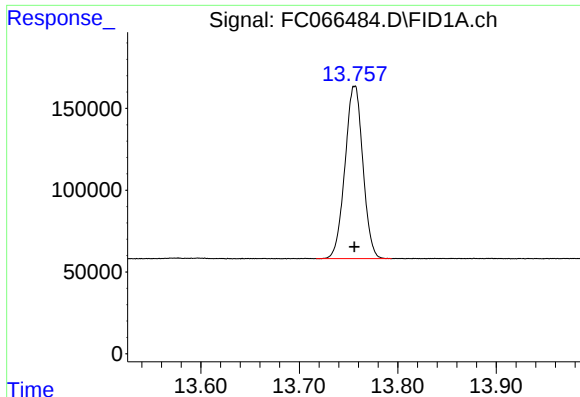
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 1347769
Conc: 10.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 1154309
Conc: 10.02 ug/ml



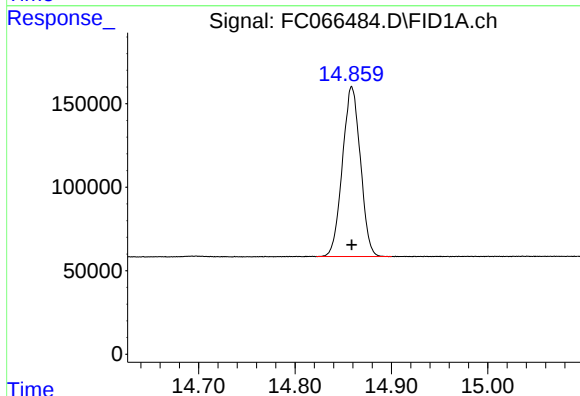
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: 0.000 min
Response: 1332151
Conc: 10.05 ug/ml

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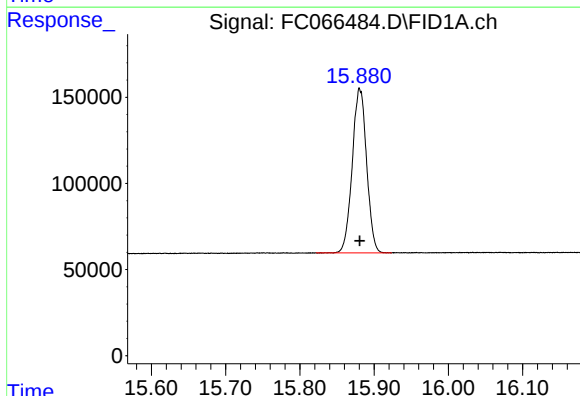
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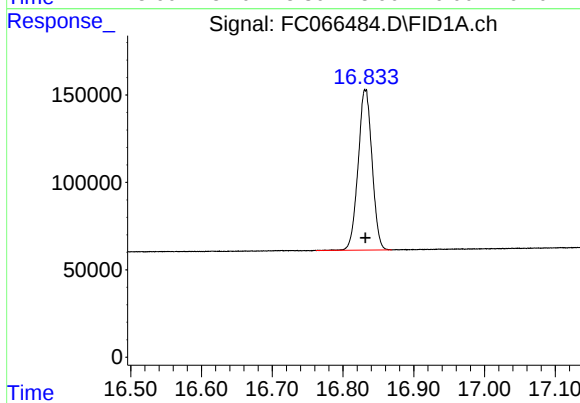
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 1313857
Conc: 10.05 ug/ml



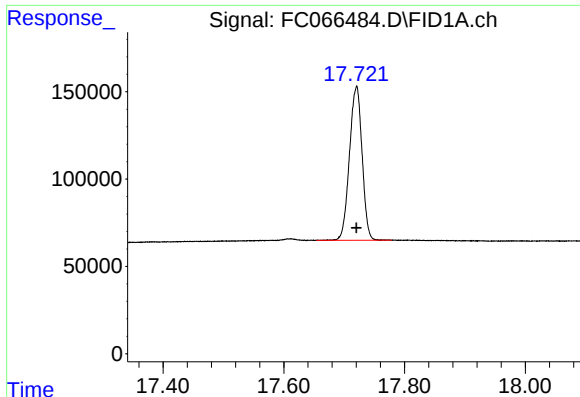
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 1282896
Conc: 10.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 1252171
Conc: 10.05 ug/ml



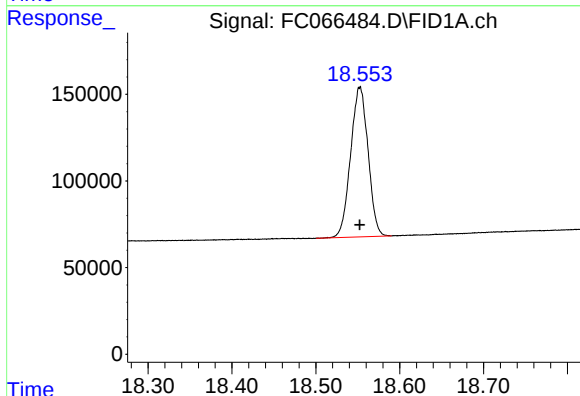
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: 0.000 min
Response: 1275350
Conc: 10.13 ug/ml

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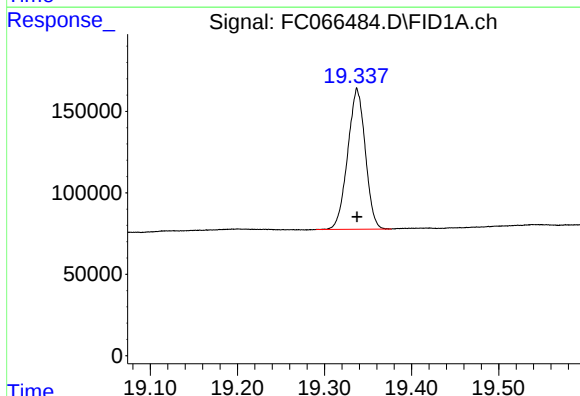
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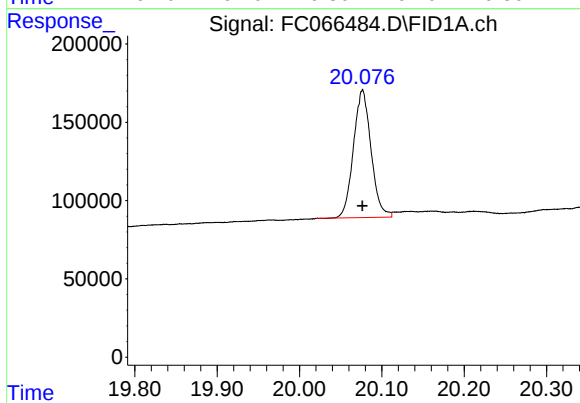
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.000 min
Response: 1248818
Conc: 10.15 ug/ml



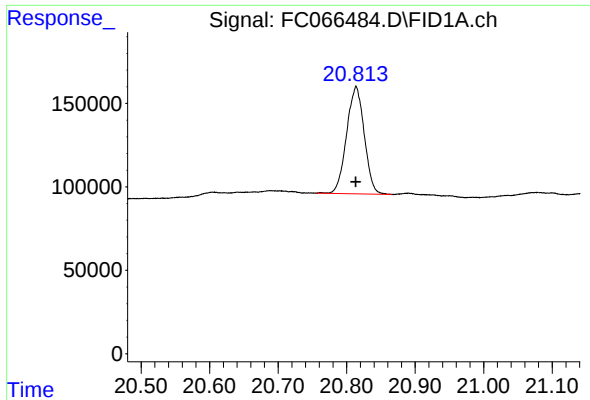
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.000 min
Response: 1211035
Conc: 10.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.000 min
Response: 1212221
Conc: 10.23 ug/ml



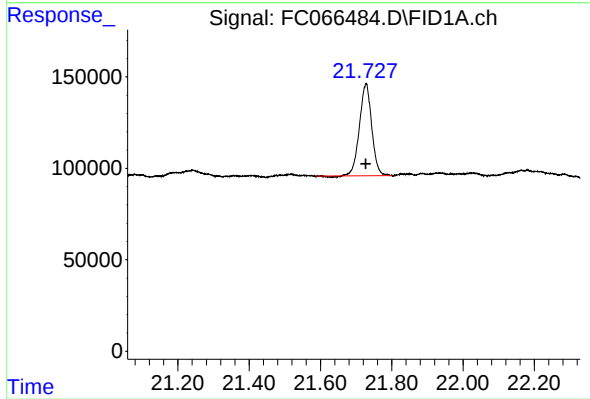
#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: 0.000 min
Response: 1151541
Conc: 10.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: 0.000 min
Response: 1198549
Conc: 10.04 ug/ml