

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091624AL\
 Data File : FC067136.D
 Signal(s) : FID1A.ch
 Acq On : 16 Sep 2024 12:15
 Operator : YP/AJ
 Sample : PB163404BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163404BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :Ankita Jodhani 09/17/2024

Integration File: autoint1.e
 Quant Time: Sep 17 04:13:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.507	5386825	38.686 ug/ml
Spiked Amount 50.000		Recovery =	77.37%
12) S 1-chlorooctadecane (S...	12.944	4082553	41.793 ug/ml
Spiked Amount 50.000		Recovery =	83.59%
Target Compounds			
1) T n-Nonane (C9)	3.288	5053074	38.094 ug/ml
2) T n-Decane (C10)	4.350	5340542	39.764 ug/ml
3) T A~Naphthalene (C11.7)	5.925	5618368	39.531 ug/ml
4) T n-Dodecane (C12)	6.362	5311416	39.680 ug/ml
5) T A~2-methylnaphthalene...	6.980	5046922	37.794 ug/ml
6) T n-Tetradecane (C14)	8.156	5451125	42.297 ug/ml
7) T n-Hexadecane (C16)	9.755	5411341	41.973 ug/ml
8) T n-Octadecane (C18)	11.194	5356486	41.867 ug/ml
10) T n-Eicosane (C20)	12.503	5301697	44.139 ug/ml
11) T n-Heneicosane (C21)	13.113	5053188	43.266 ug/ml
13) T n-Docosane (C22)	13.698	4968660	43.034 ug/ml
14) T n-Tetracosane (C24)	14.768	9463425	83.333 ug/mlm
15) T n-Hexacosane (C26)	15.822	4768984	43.030 ug/ml
16) T n-Octacosane (C28)	16.768	4581426	42.413 ug/ml
17) T n-Tricontane (C30)	17.656	4674944	42.978 ug/ml
18) T n-Dotriacontane (C32)	18.486	4596450	44.067 ug/ml
19) T n-Tetratriacontane (C34)	19.269	4514872	48.937 ug/ml
20) T n-Hexatriacontane (C36)	20.008	4214436	53.181 ug/ml
21) T n-Octatriacontane (C38)	20.732	3986873	53.076 ug/ml
22) T n-Tetracontane (C40)	21.622	3371358	48.256 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB163404BSD
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ALS Vial : 13 Sample Multiplier: 1

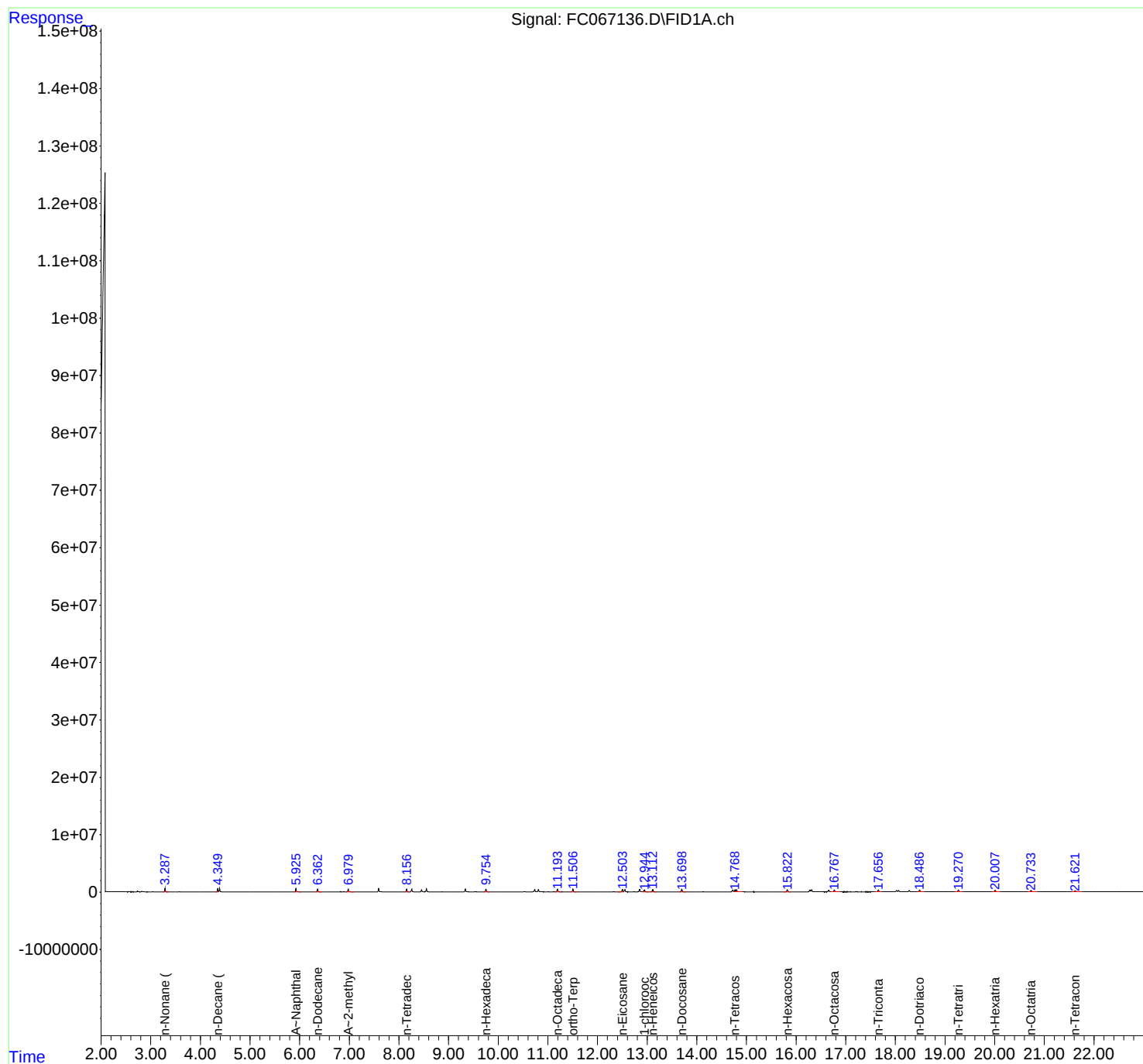
Instrument :
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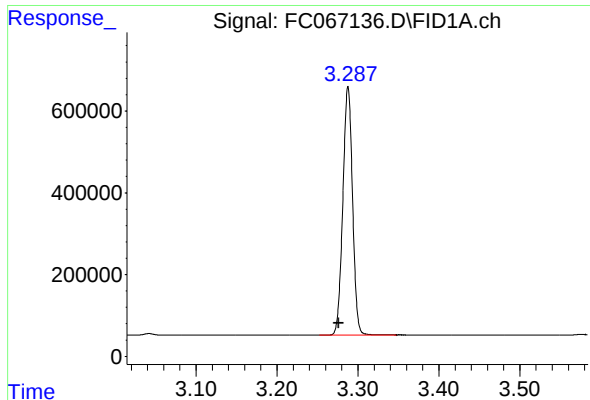
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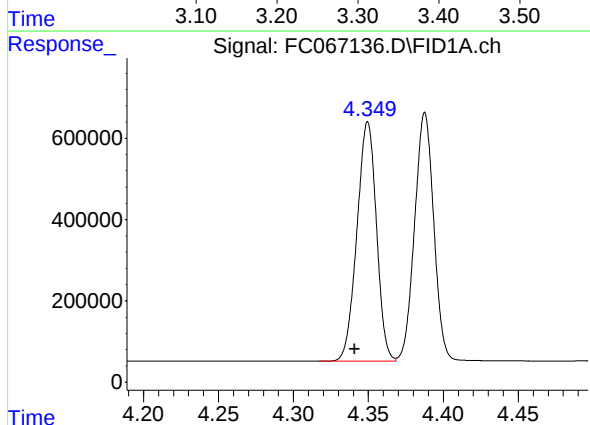
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.012 min
Response: 5053074
Conc: 38.09 ug/ml

Instrument :
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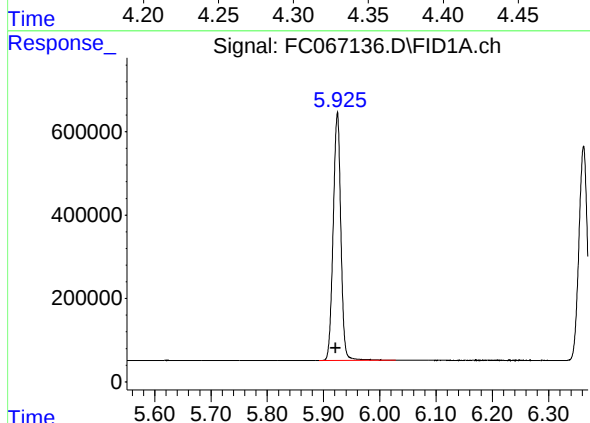
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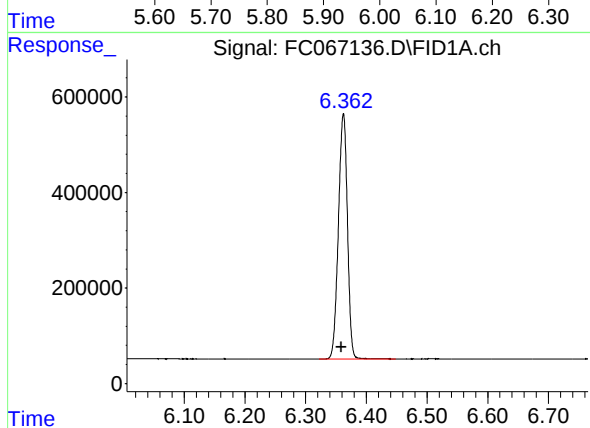
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.009 min
Response: 5340542
Conc: 39.76 ug/ml



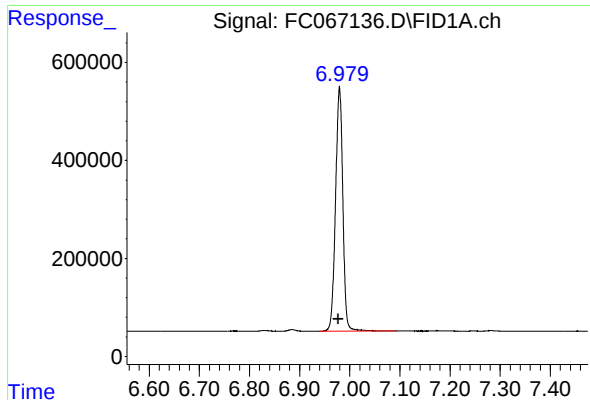
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 5618368
Conc: 39.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 5311416
Conc: 39.68 ug/ml



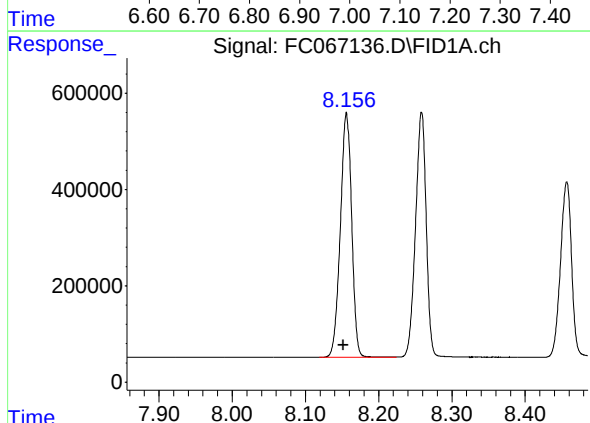
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: 0.002 min
Response: 5046922
Conc: 37.79 ug/ml

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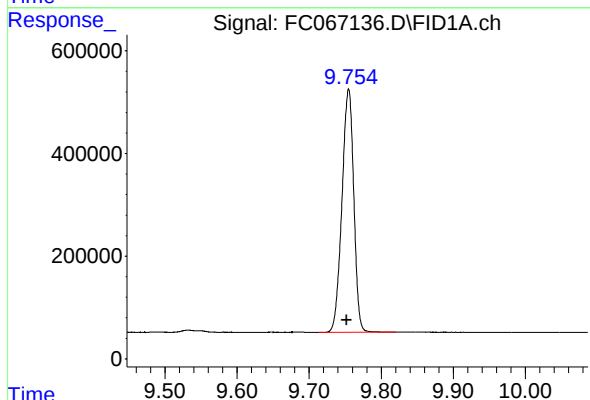
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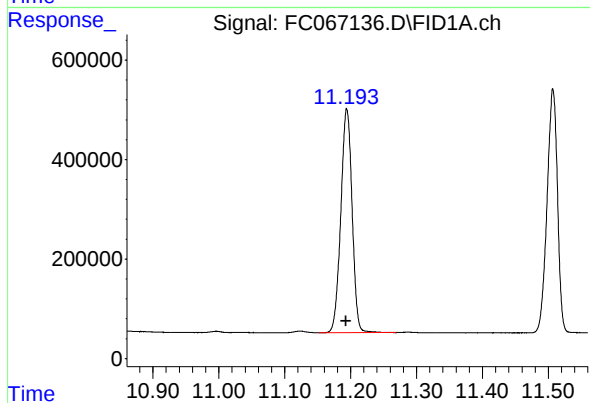
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.004 min
Response: 5451125
Conc: 42.30 ug/ml



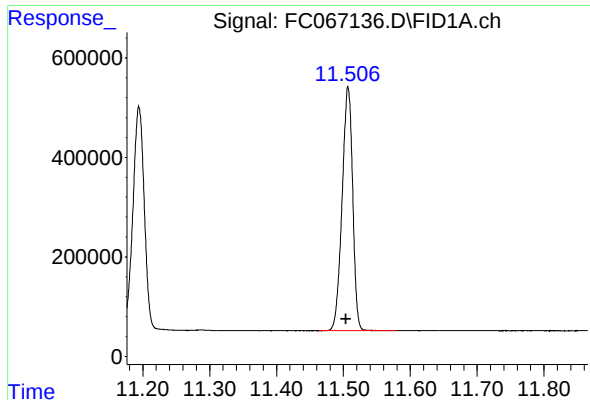
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 5411341
Conc: 41.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.001 min
Response: 5356486
Conc: 41.87 ug/ml



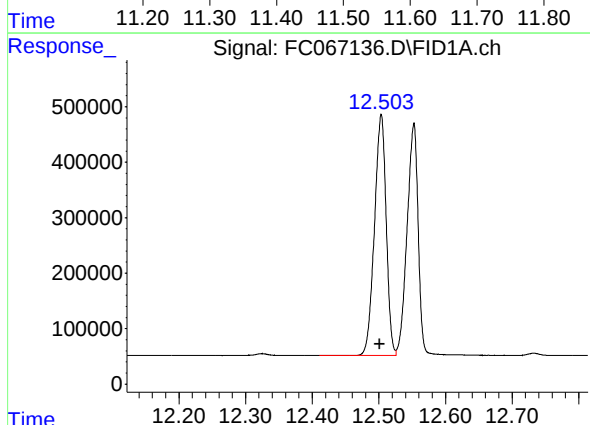
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: 0.003 min
Response: 5386825
Conc: 38.69 ug/ml

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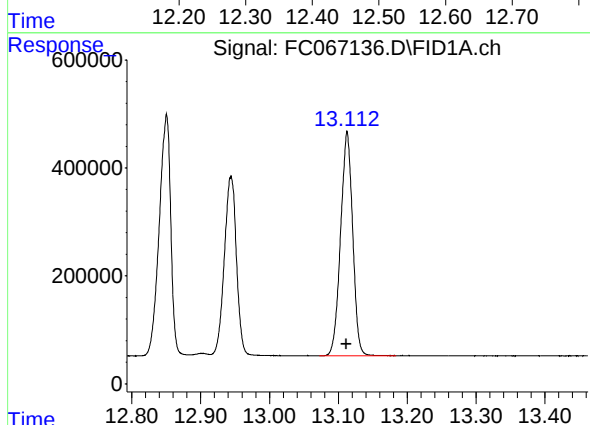
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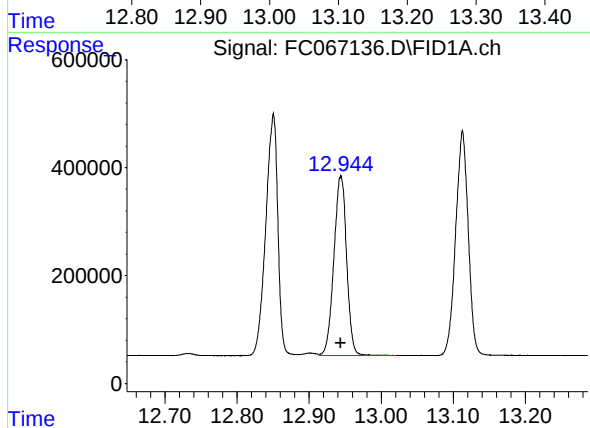
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 5301697
Conc: 44.14 ug/ml



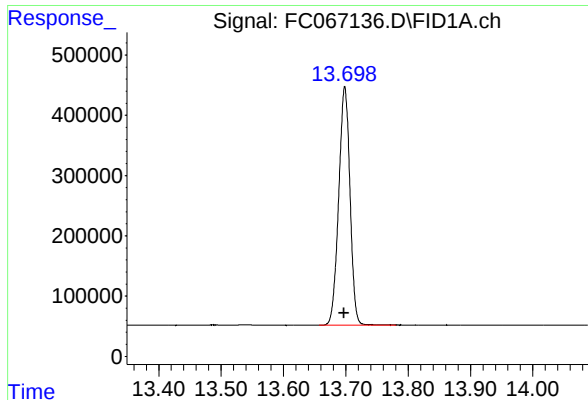
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.001 min
Response: 5053188
Conc: 43.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 4082553
Conc: 41.79 ug/ml



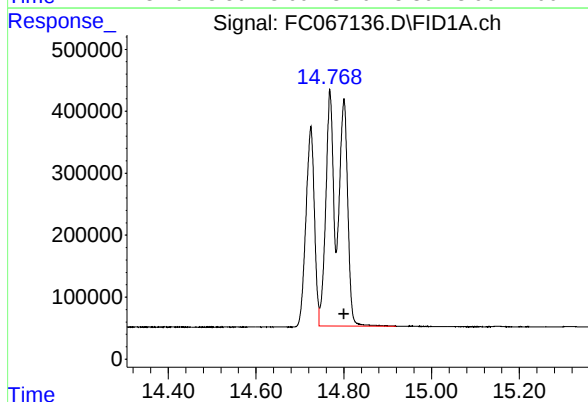
#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.001 min
Response: 4968660
Conc: 43.03 ug/ml

Instrument :
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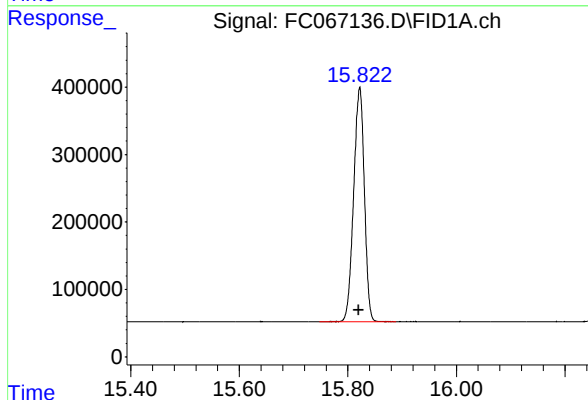
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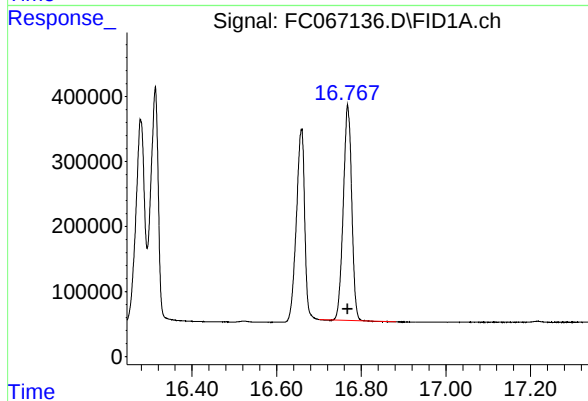
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.033 min
Response: 9463425
Conc: 83.33 ug/ml m



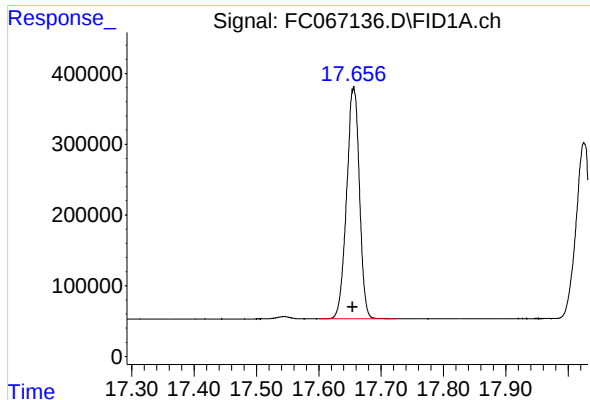
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.001 min
Response: 4768984
Conc: 43.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 4581426
Conc: 42.41 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.002 min
Response: 4674944
Conc: 42.98 ug/ml

Instrument :

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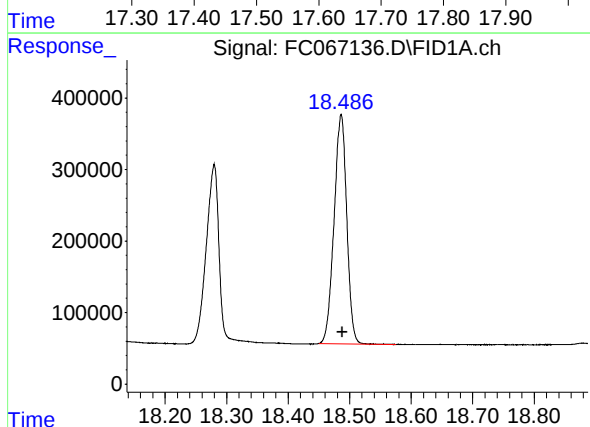
ClientSampleId :

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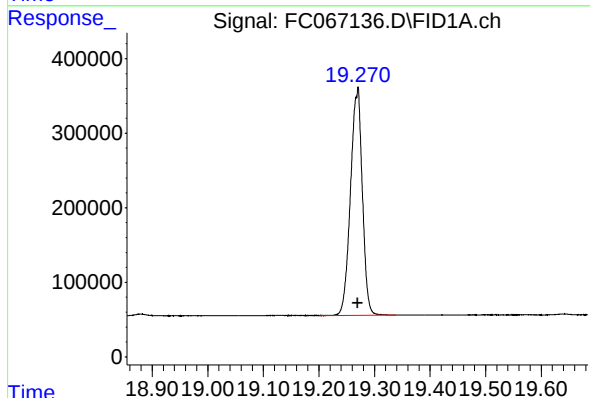
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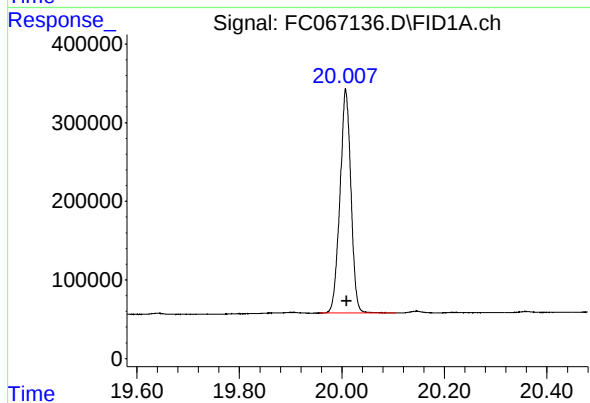
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.002 min
Response: 4596450
Conc: 44.07 ug/ml



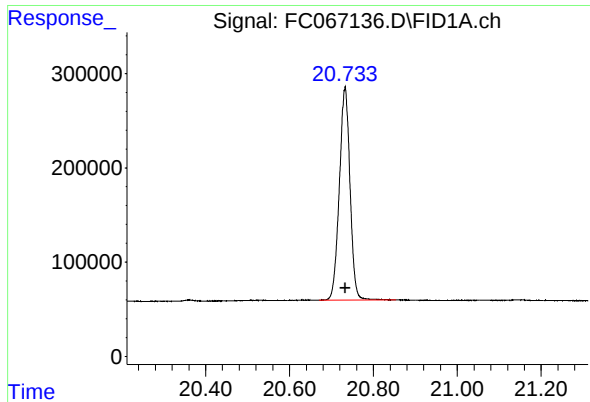
#19 n-Tetatriacontane (C34)

R.T.: 19.269 min
Delta R.T.: 0.000 min
Response: 4514872
Conc: 48.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: -0.001 min
Response: 4214436
Conc: 53.18 ug/ml



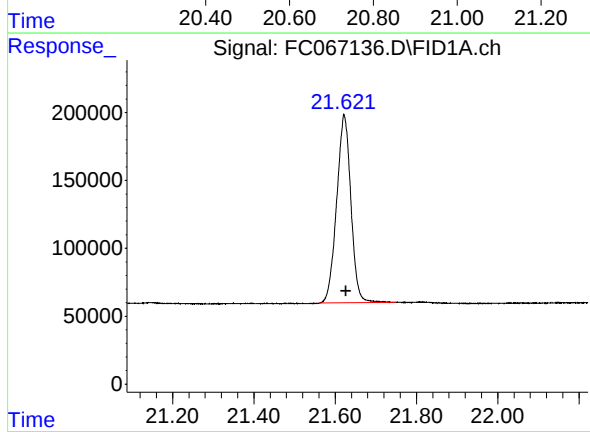
#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: 0.000 min
Response: 3986873
Conc: 53.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.622 min
Delta R.T.: -0.004 min
Response: 3371358
Conc: 48.26 ug/ml