

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC043024AL\
 Data File : FC066271.D
 Signal(s) : FID1A.ch
 Acq On : 30 Apr 2024 22:04
 Operator : YP/AJ
 Sample : P2311-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 01 03:08:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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	3860774	27.958 ug/ml
Spiked Amount 50.000		Recovery =	55.92%
12) S 1-chlorooctadecane (S...	13.004	2938960	29.952 ug/ml
Spiked Amount 50.000		Recovery =	59.90%
Target Compounds			
1) T n-Nonane (C9)	3.327	4376173	33.993 ug/ml
2) T n-Decane (C10)	4.393	4657461	35.720 ug/ml
3) T A~Naphthalene (C11.7)	5.974	5179166	36.111 ug/ml
4) T n-Dodecane (C12)	6.410	4799365	37.065 ug/ml
5) T A~2-methylnaphthalene...	7.030	5050609	36.678 ug/ml
6) T n-Tetradecane (C14)	8.207	4739311	37.653 ug/ml
7) T n-Hexadecane (C16)	9.807	4636780	36.403 ug/ml
8) T n-Octadecane (C18)	11.251	4795454	37.675 ug/ml
10) T n-Eicosane (C20)	12.562	4713814	39.116 ug/ml
11) T n-Heneicosane (C21)	13.174	4748451	40.131 ug/ml
13) T n-Docosane (C22)	13.760	4527210	38.564 ug/ml
14) T n-Tetracosane (C24)	14.863	4268115	36.582 ug/ml
15) T n-Hexacosane (C26)	15.886	4558217	39.651 ug/ml
16) T n-Octacosane (C28)	16.836	4691051	41.393 ug/ml
17) T n-Tricontane (C30)	17.725	4815748	41.570 ug/ml
18) T n-Dotriacontane (C32)	18.557	4949517	43.110 ug/ml
19) T n-Tetratriacontane (C34)	19.342	4846447	44.130 ug/ml
20) T n-Hexatriacontane (C36)	20.082	4562860	44.205 ug/mlm
21) T n-Octatriacontane (C38)	20.819	4524528	46.414 ug/ml
22) T n-Tetracontane (C40)	21.733	4472386	49.425 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P2311-07MSD
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ALS Vial : 15 Sample Multiplier: 1

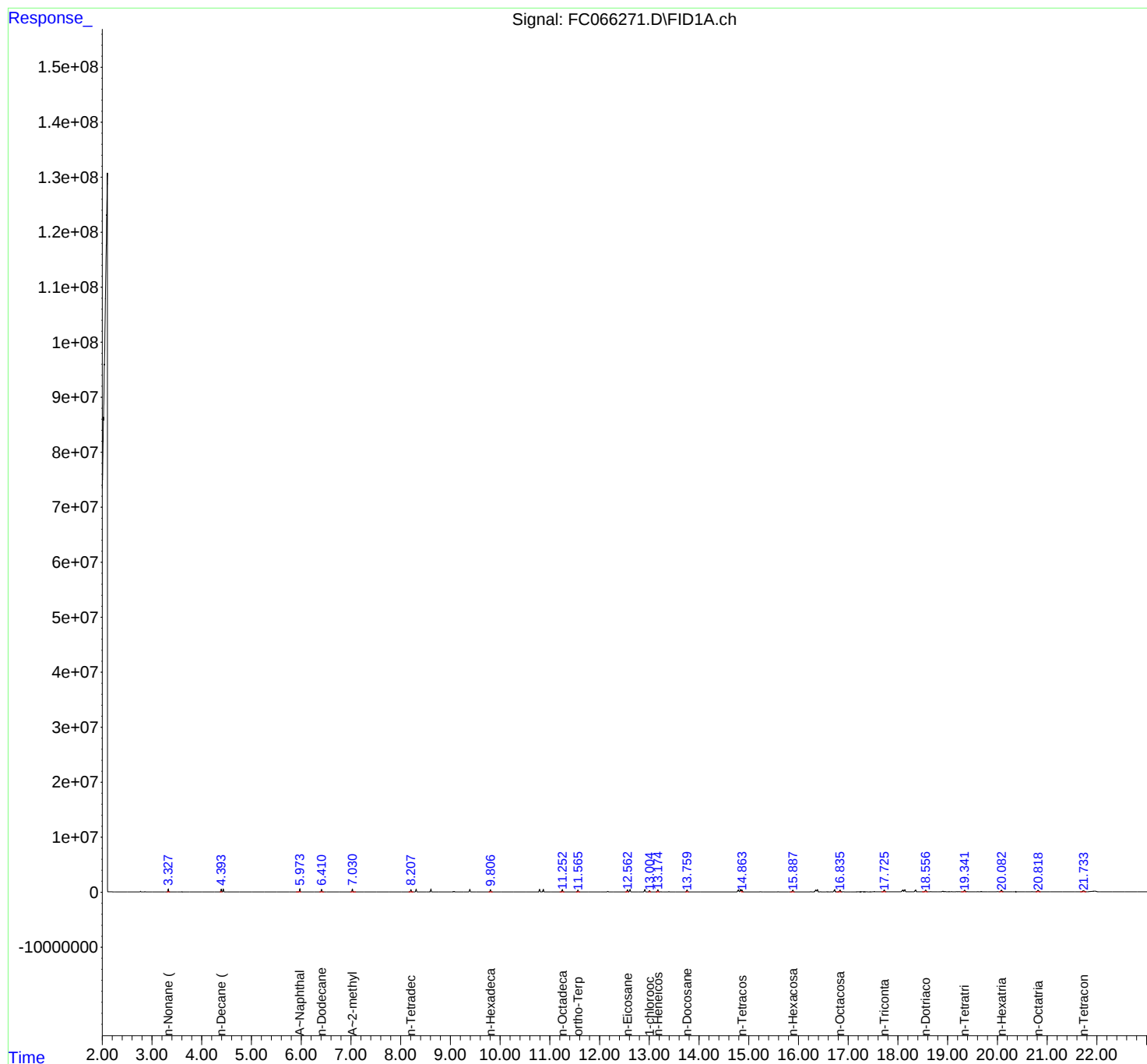
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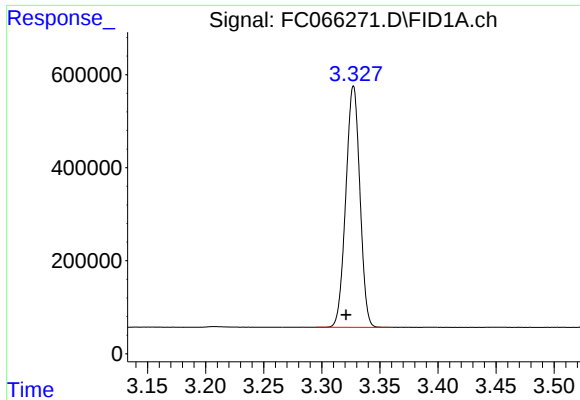
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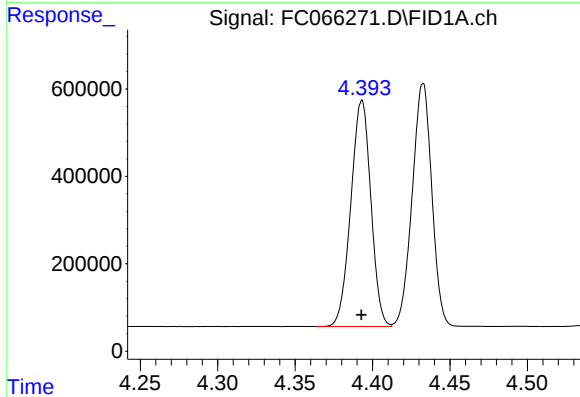
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: 0.006 min
Response: 4376173
Conc: 33.99 ug/ml

Instrument :
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ClientSampleId :
5MSD

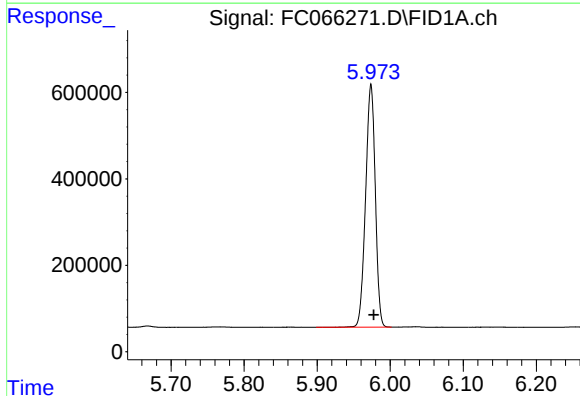
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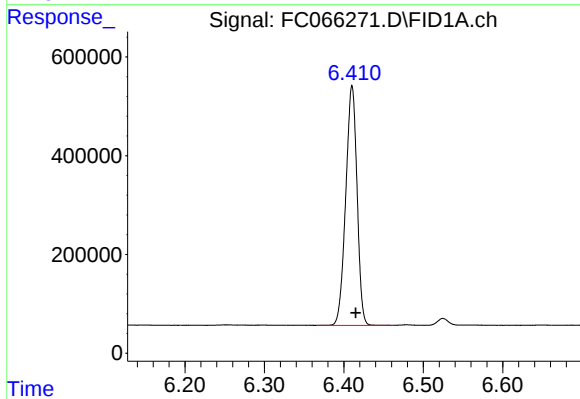
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 4657461
Conc: 35.72 ug/ml



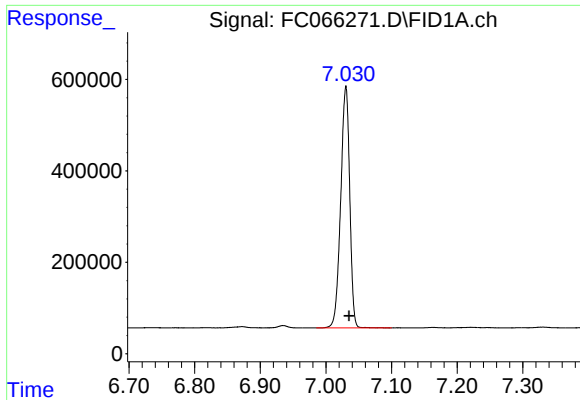
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.004 min
Response: 5179166
Conc: 36.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 4799365
Conc: 37.07 ug/ml



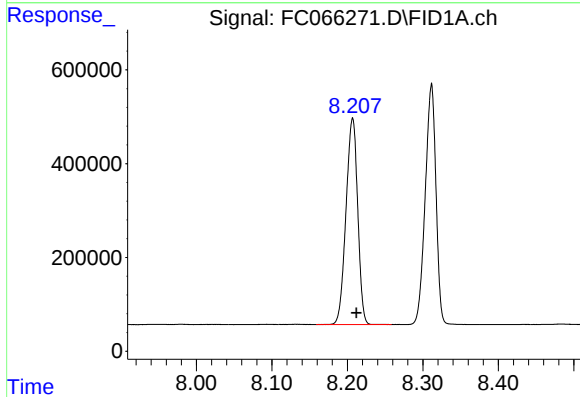
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.005 min
Response: 5050609
Conc: 36.68 ug/ml

Instrument :
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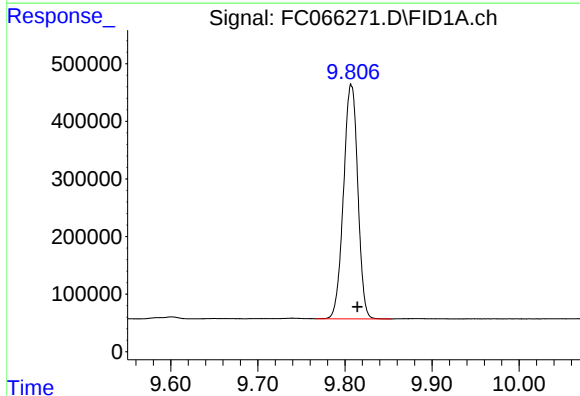
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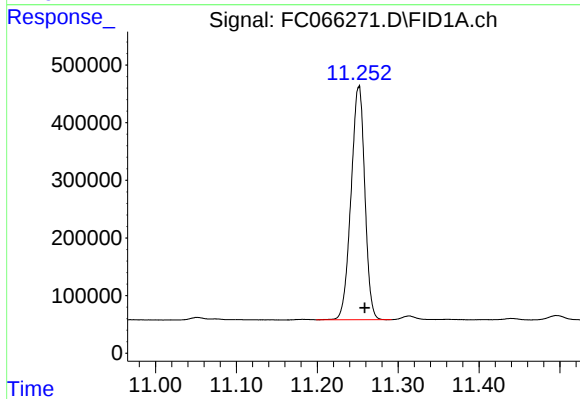
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.005 min
Response: 4739311
Conc: 37.65 ug/ml



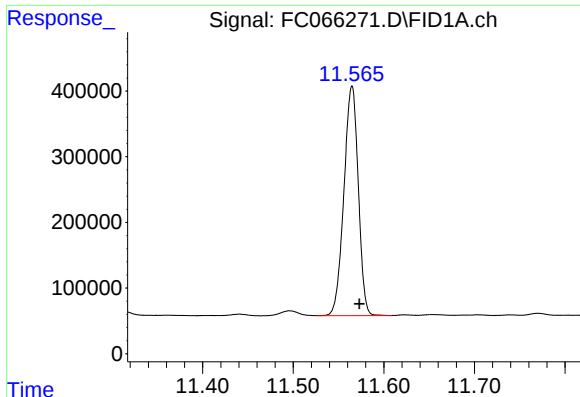
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.007 min
Response: 4636780
Conc: 36.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: -0.007 min
Response: 4795454
Conc: 37.67 ug/ml



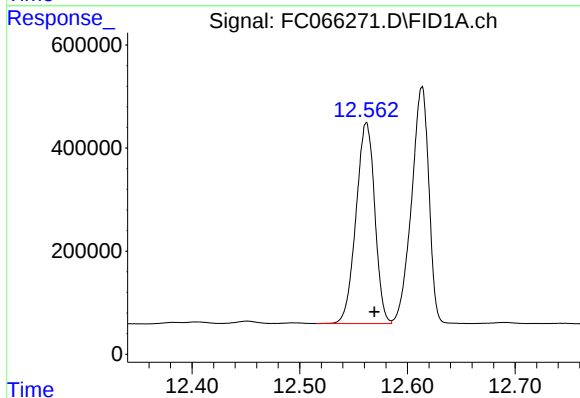
#9 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.009 min
Response: 3860774
Conc: 27.96 ug/ml

Instrument :
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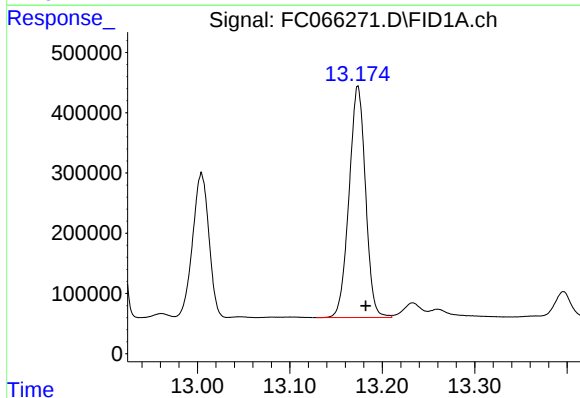
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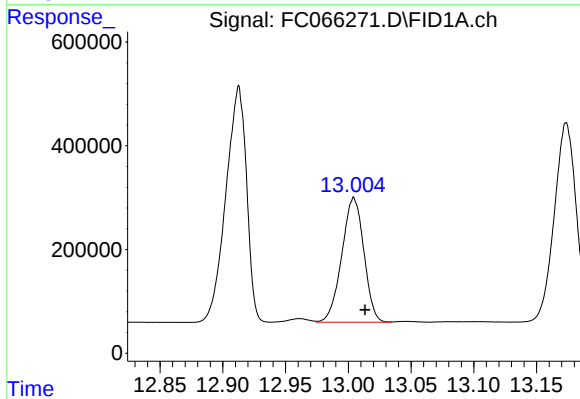
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.008 min
Response: 4713814
Conc: 39.12 ug/ml



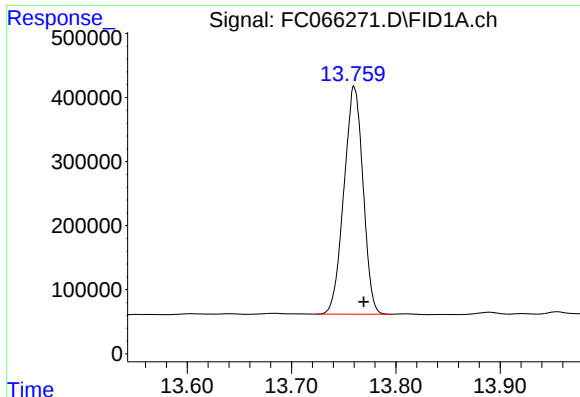
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: -0.009 min
Response: 4748451
Conc: 40.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.009 min
Response: 2938960
Conc: 29.95 ug/ml



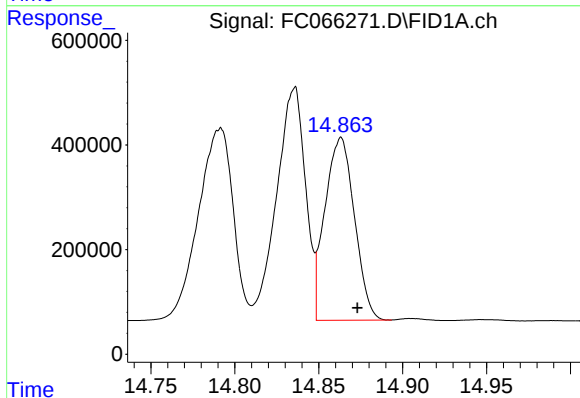
#13 n-Docosane (C22)

R.T.: 13.760 min
Delta R.T.: -0.009 min
Response: 4527210
Conc: 38.56 ug/ml

Instrument :
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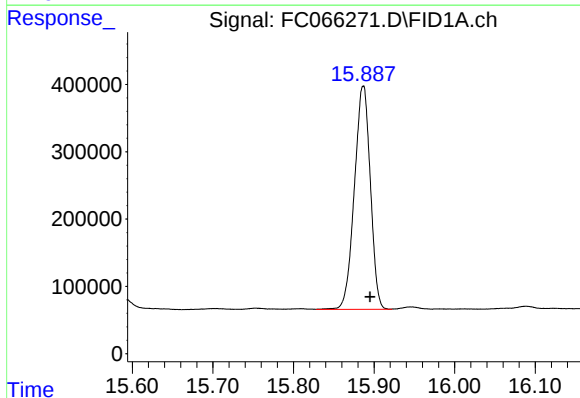
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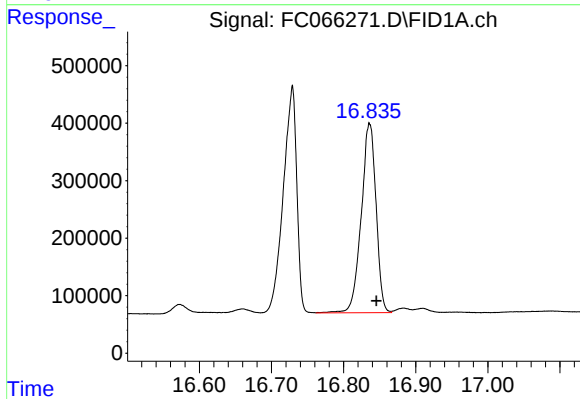
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.010 min
Response: 4268115
Conc: 36.58 ug/ml



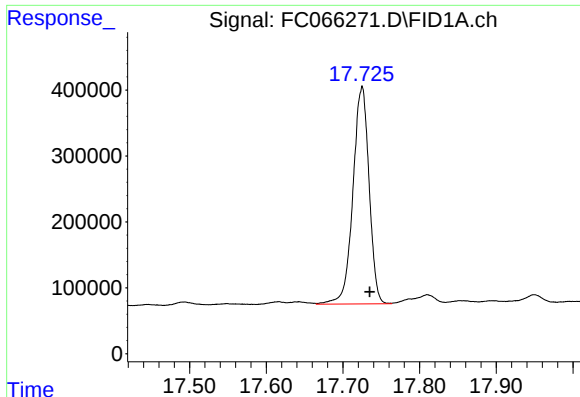
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: -0.009 min
Response: 4558217
Conc: 39.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.010 min
Response: 4691051
Conc: 41.39 ug/ml



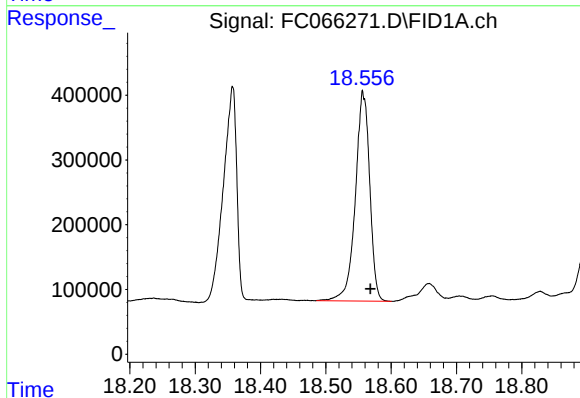
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: -0.010 min
Response: 4815748
Conc: 41.57 ug/ml

Instrument :
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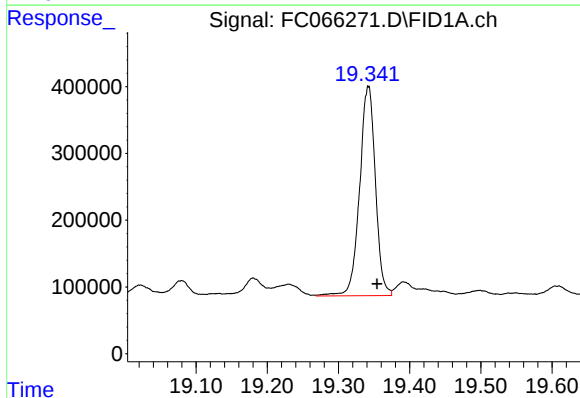
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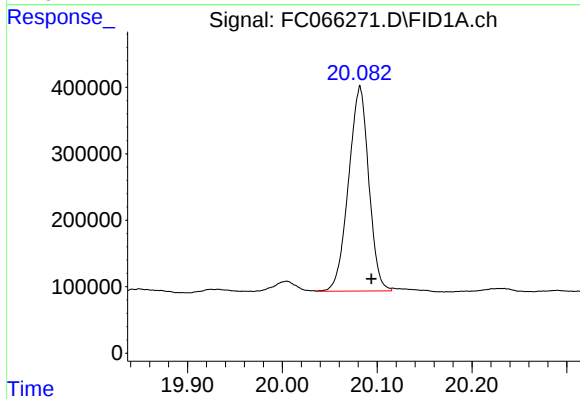
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: -0.011 min
Response: 4949517
Conc: 43.11 ug/ml



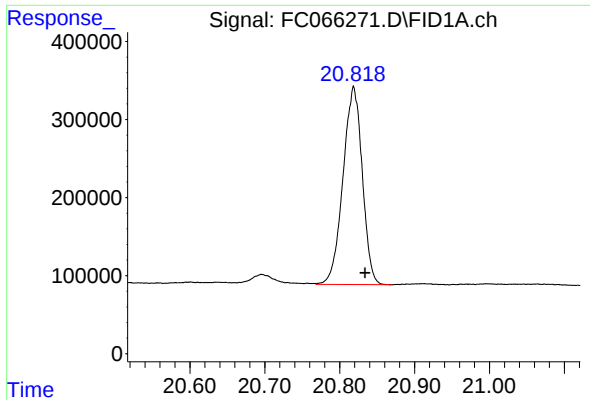
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: -0.012 min
Response: 4846447
Conc: 44.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: -0.012 min
Response: 4562860
Conc: 44.20 ug/ml m



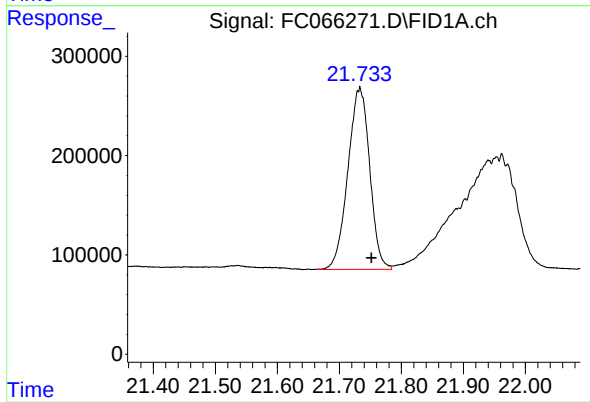
#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.015 min
Response: 4524528
Conc: 46.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.019 min
Response: 4472386
Conc: 49.42 ug/ml m