

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
 Data File : FC066239.D
 Signal(s) : FID1A.ch
 Acq On : 26 Apr 2024 00:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 04:00:51 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)	11.560	2539601	18.391 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
12) S 1-chlorooctadecane (S...	13.000	1955193	19.926 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T n-Nonane (C9)	3.318	2244040	17.431 ug/ml
2) T n-Decane (C10)	4.386	2366690	18.151 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2548203	17.767 ug/ml
4) T n-Dodecane (C12)	6.406	2382396	18.399 ug/ml
5) T A~2-methylnaphthalene...	7.025	2469713	17.935 ug/ml
6) T n-Tetradecane (C14)	8.201	2367998	18.814 ug/ml
7) T n-Hexadecane (C16)	9.803	2454548	19.270 ug/ml
8) T n-Octadecane (C18)	11.247	2467964	19.389 ug/ml
10) T n-Eicosane (C20)	12.556	2352658	19.523 ug/ml
11) T n-Heneicosane (C21)	13.169	2306531	19.493 ug/ml
13) T n-Docosane (C22)	13.754	2293478	19.537 ug/ml
14) T n-Tetracosane (C24)	14.858	2295636	19.676 ug/ml
15) T n-Hexacosane (C26)	15.879	2252204	19.591 ug/ml
16) T n-Octacosane (C28)	16.829	2244996	19.809 ug/ml
17) T n-Tricontane (C30)	17.718	2349539	20.281 ug/ml
18) T n-Dotriacontane (C32)	18.551	2345323	20.428 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2220421	20.218 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2143000	20.761 ug/mlm
21) T n-Octatriacontane (C38)	20.811	2135907	21.911 ug/ml
22) T n-Tetracontane (C40)	21.723	2131974	23.561 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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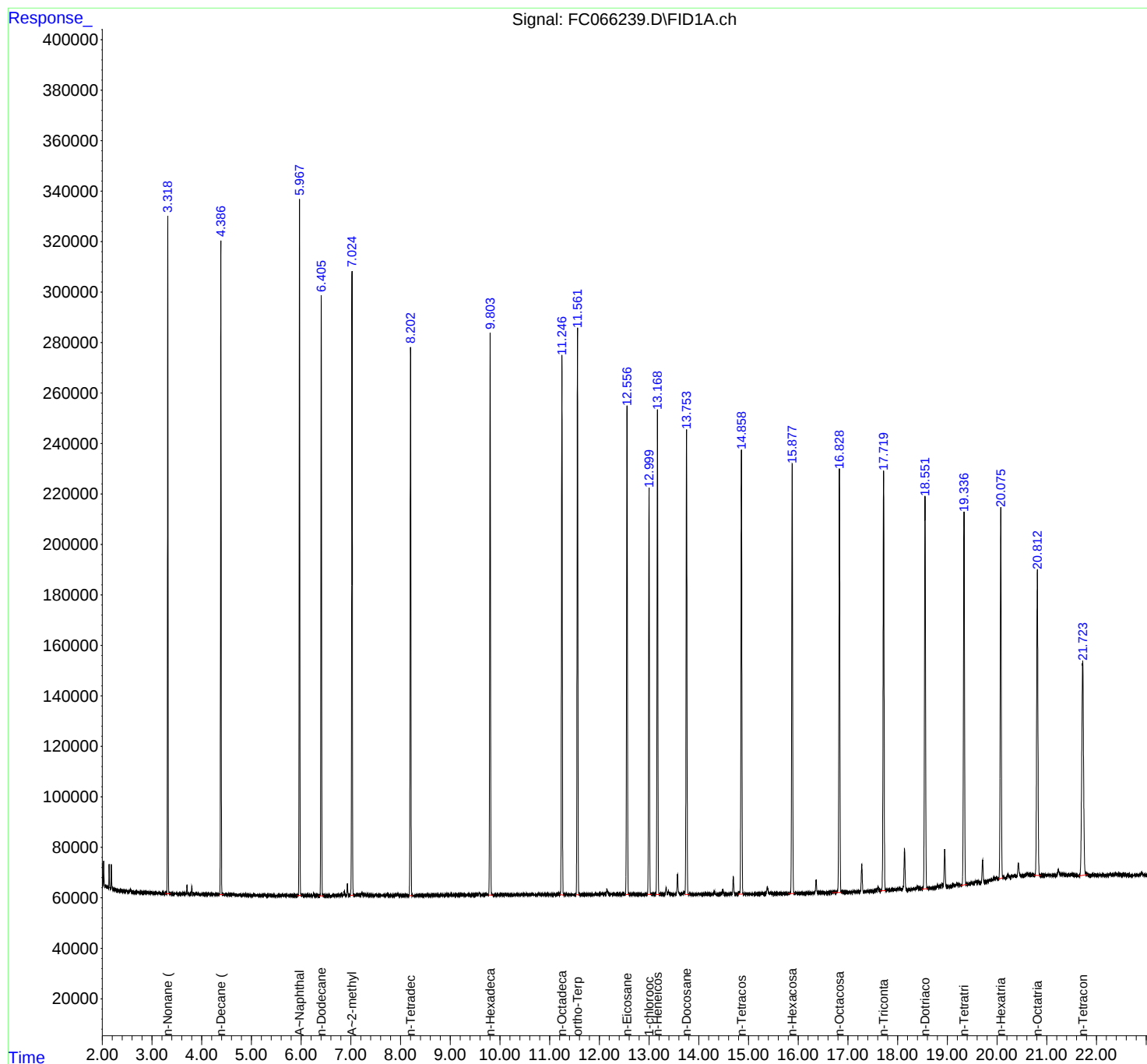
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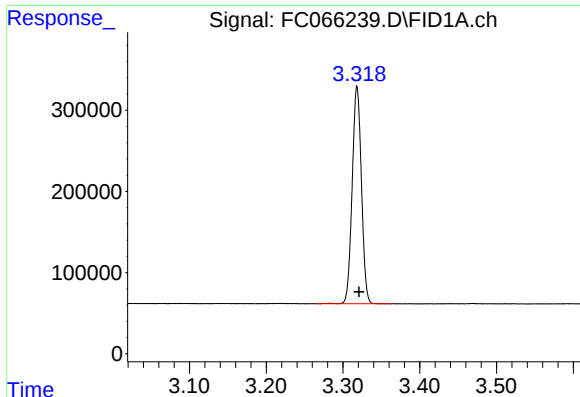
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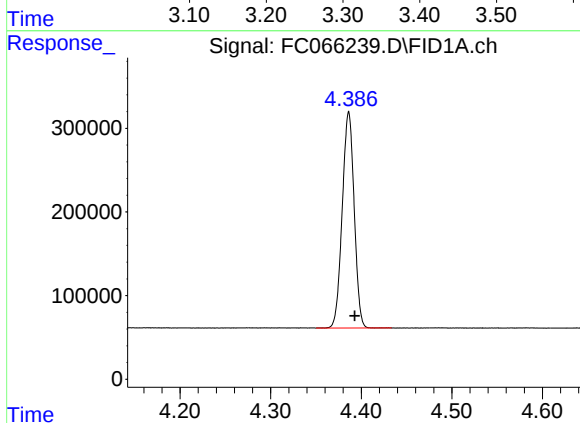
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 2244040
Conc: 17.43 ug/ml

Instrument :
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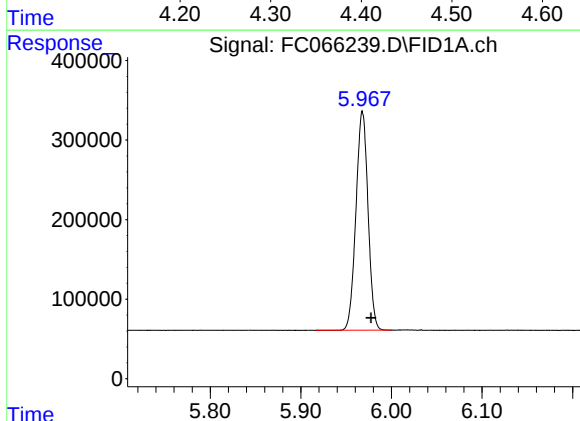
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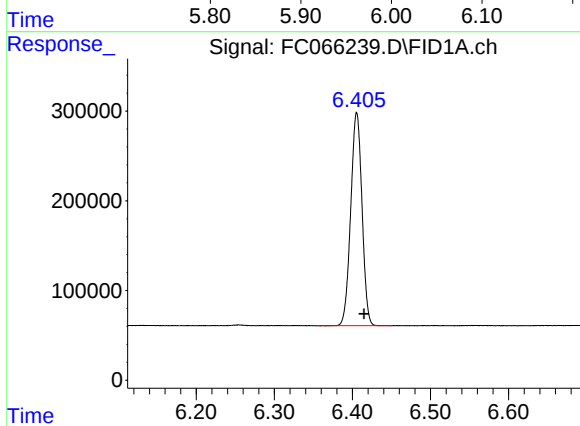
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.007 min
Response: 2366690
Conc: 18.15 ug/ml



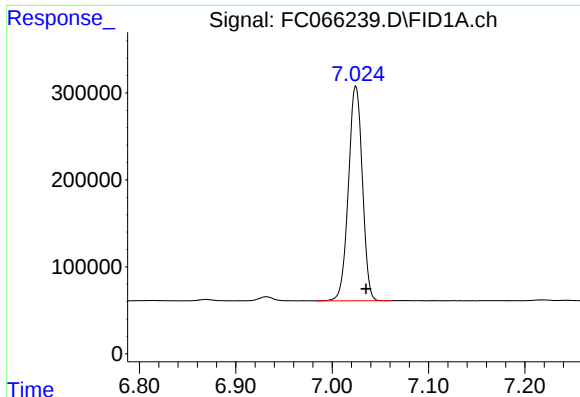
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.009 min
Response: 2548203
Conc: 17.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: -0.009 min
Response: 2382396
Conc: 18.40 ug/ml



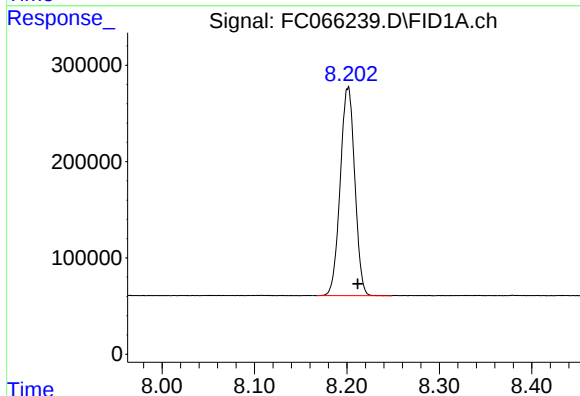
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.011 min
Response: 2469713
Conc: 17.94 ug/ml

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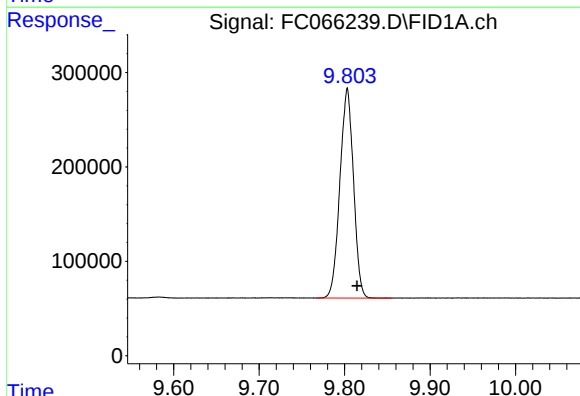
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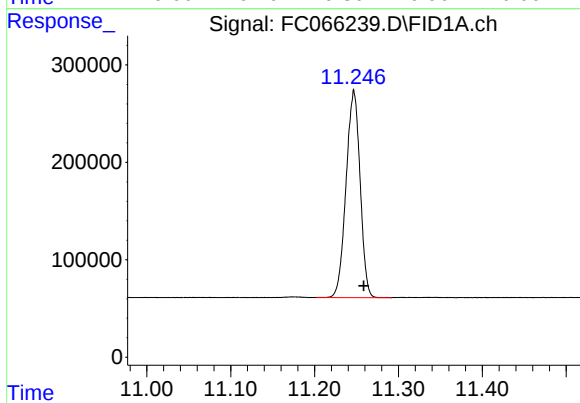
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.011 min
Response: 2367998
Conc: 18.81 ug/ml



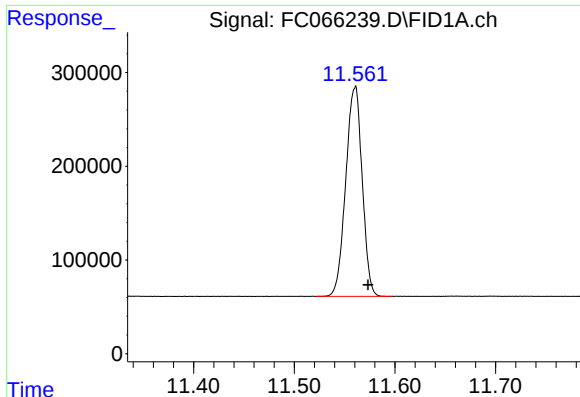
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: -0.011 min
Response: 2454548
Conc: 19.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.012 min
Response: 2467964
Conc: 19.39 ug/ml



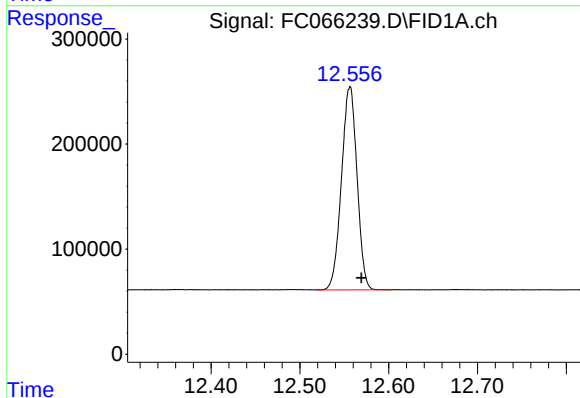
#9 ortho-Terphenyl (SURR)

R.T.: 11.560 min
Delta R.T.: -0.013 min
Response: 2539601
Conc: 18.39 ug/ml

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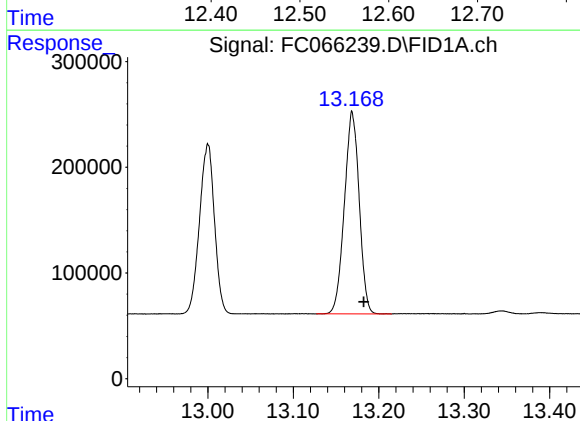
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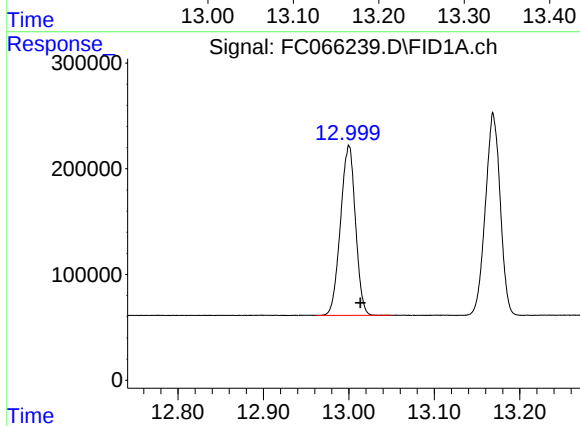
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.013 min
Response: 2352658
Conc: 19.52 ug/ml



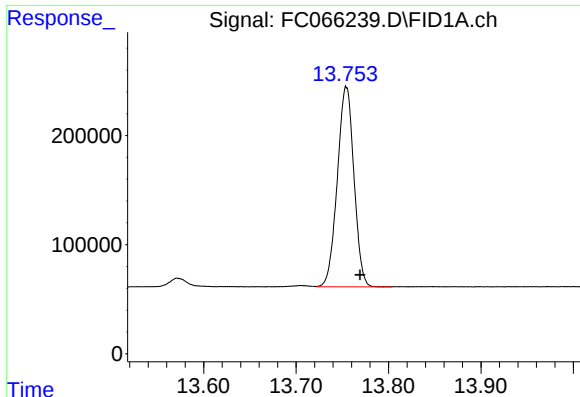
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.013 min
Response: 2306531
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.014 min
Response: 1955193
Conc: 19.93 ug/ml



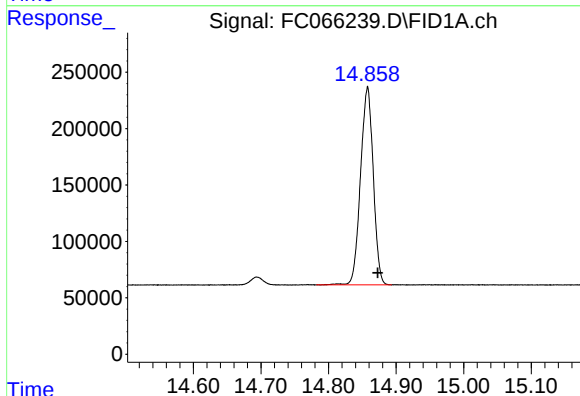
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.015 min
Response: 2293478
Conc: 19.54 ug/ml

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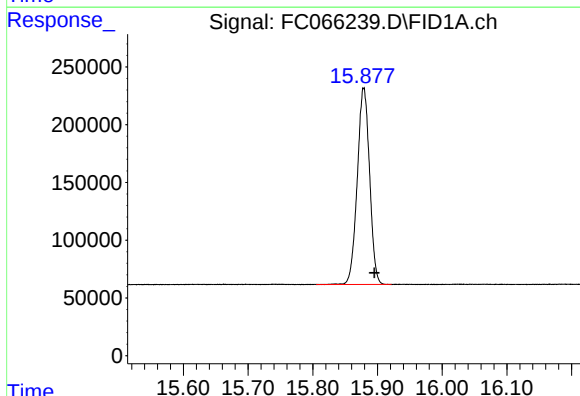
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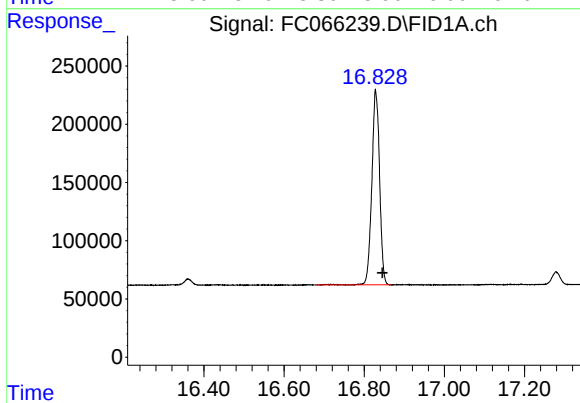
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.015 min
Response: 2295636
Conc: 19.68 ug/ml



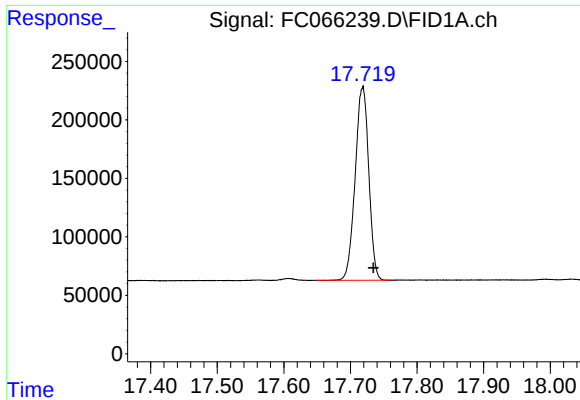
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.016 min
Response: 2252204
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.017 min
Response: 2244996
Conc: 19.81 ug/ml



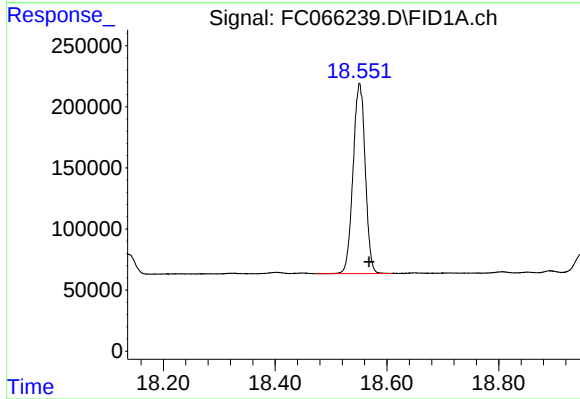
#17 n-Tricontane (C30)

R.T.: 17.718 min
Delta R.T.: -0.017 min
Response: 2349539
Conc: 20.28 ug/ml

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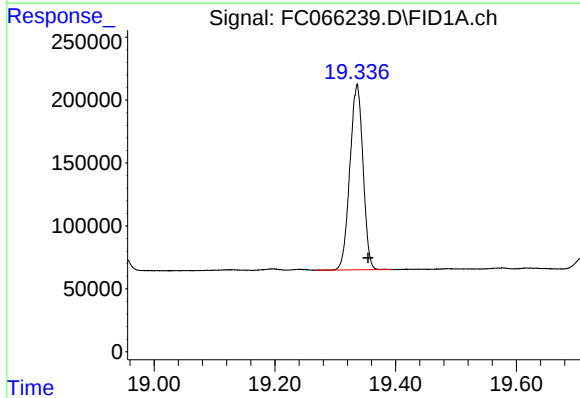
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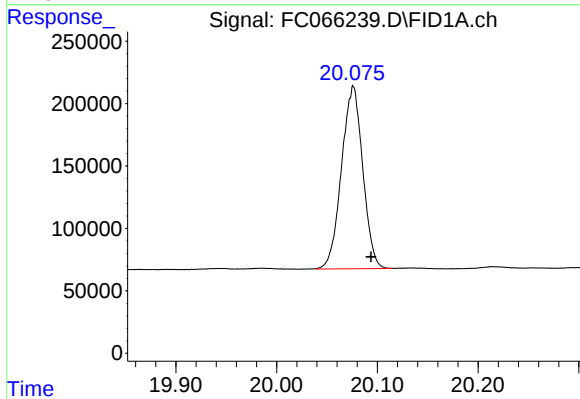
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.017 min
Response: 2345323
Conc: 20.43 ug/ml



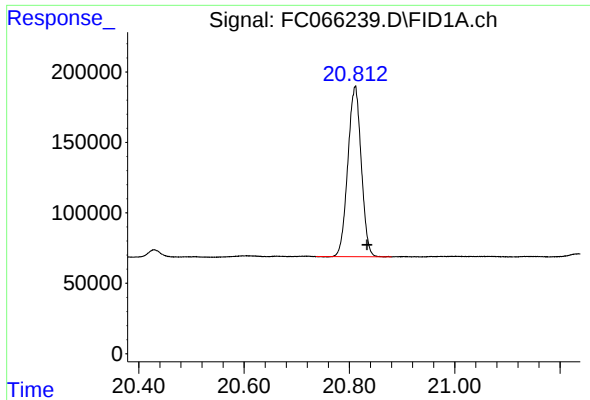
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.018 min
Response: 2220421
Conc: 20.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: -0.019 min
Response: 2143000
Conc: 20.76 ug/ml m



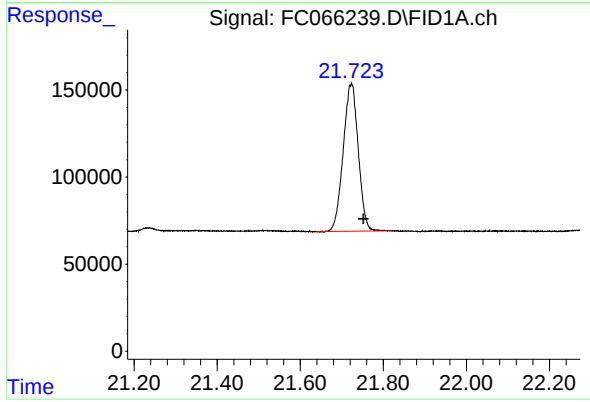
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.023 min
Response: 2135907
Conc: 21.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.029 min
Response: 2131974
Conc: 23.56 ug/ml