

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042524AL\
 Data File : FC066227.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2024 11:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 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 03:58:19 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)	11.561	2908523	21.063 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
12) S 1-chlorooctadecane (S...	13.000	2145862	21.869 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
Target Compounds			
1) T n-Nonane (C9)	3.318	2673394	20.766 ug/ml
2) T n-Decane (C10)	4.386	2745113	21.053 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2973236	20.731 ug/ml
4) T n-Dodecane (C12)	6.405	2747138	21.216 ug/ml
5) T A~2-methylnaphthalene...	7.025	2848230	20.684 ug/ml
6) T n-Tetradecane (C14)	8.202	2704021	21.483 ug/ml
7) T n-Hexadecane (C16)	9.803	2783451	21.853 ug/ml
8) T n-Octadecane (C18)	11.247	2804104	22.030 ug/ml
10) T n-Eicosane (C20)	12.557	2655996	22.040 ug/ml
11) T n-Heneicosane (C21)	13.169	2600752	21.980 ug/ml
13) T n-Docosane (C22)	13.755	2592248	22.082 ug/ml
14) T n-Tetracosane (C24)	14.859	2596331	22.253 ug/ml
15) T n-Hexacosane (C26)	15.880	2559609	22.265 ug/ml
16) T n-Octacosane (C28)	16.830	2552043	22.519 ug/ml
17) T n-Tricontane (C30)	17.718	2644078	22.824 ug/ml
18) T n-Dotriacontane (C32)	18.552	2606377	22.701 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2418819	22.025 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2187230	21.190 ug/mlm
21) T n-Octatriacontane (C38)	20.811	1965752	20.165 ug/ml
22) T n-Tetracontane (C40)	21.720	1662354	18.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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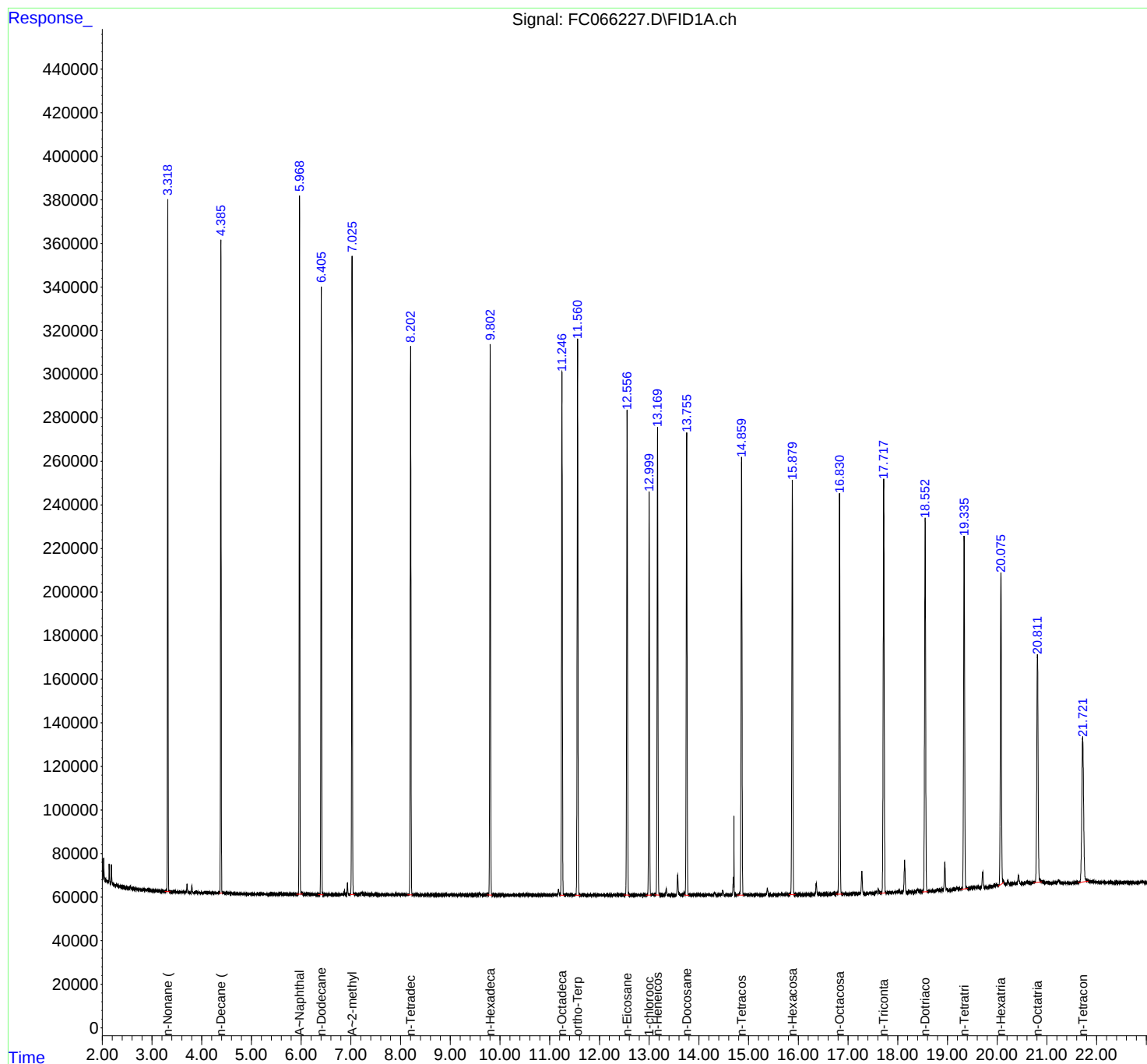
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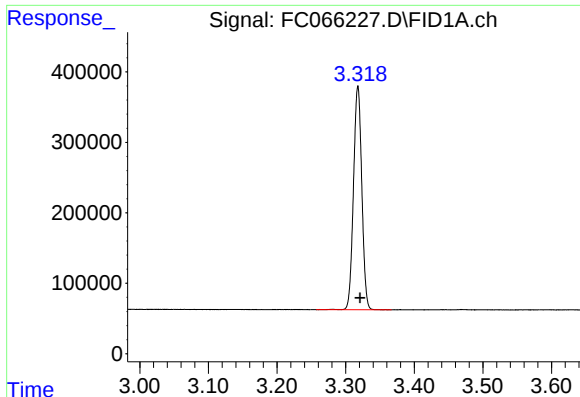
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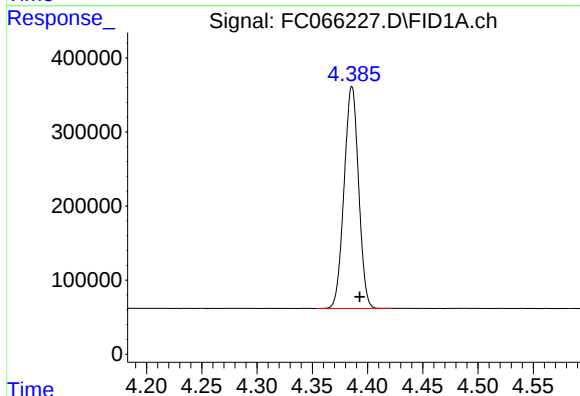
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 2673394
Conc: 20.77 ug/ml

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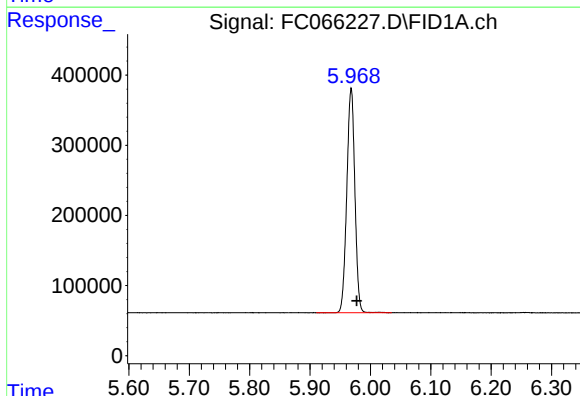
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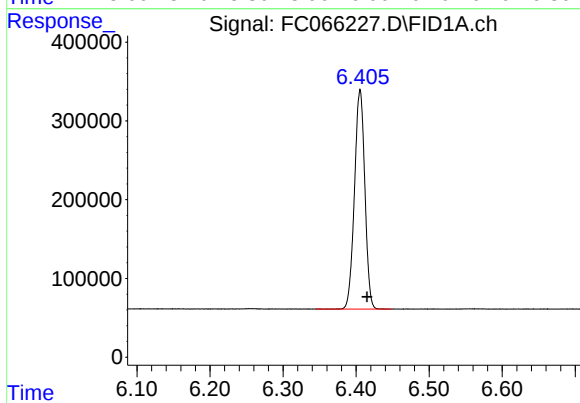
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.007 min
Response: 2745113
Conc: 21.05 ug/ml



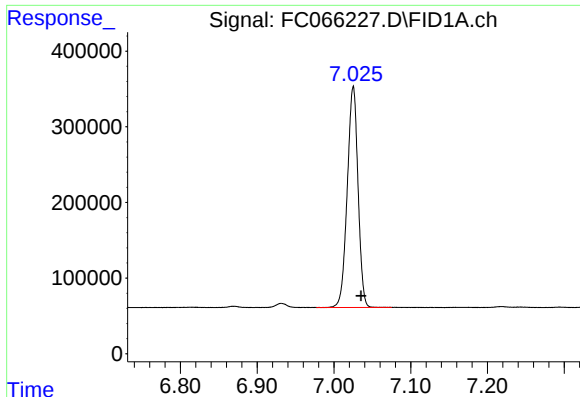
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: -0.009 min
Response: 2973236
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.405 min
Delta R.T.: -0.010 min
Response: 2747138
Conc: 21.22 ug/ml



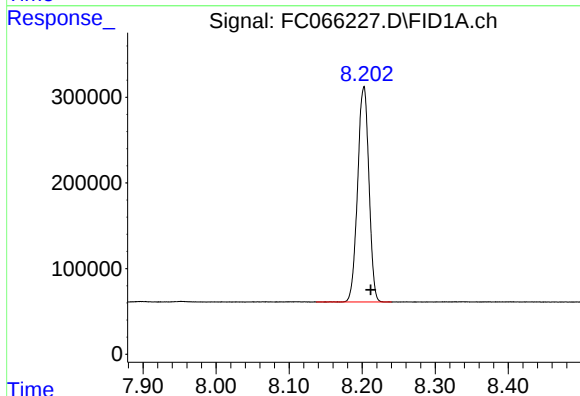
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.010 min
Response: 2848230
Conc: 20.68 ug/ml

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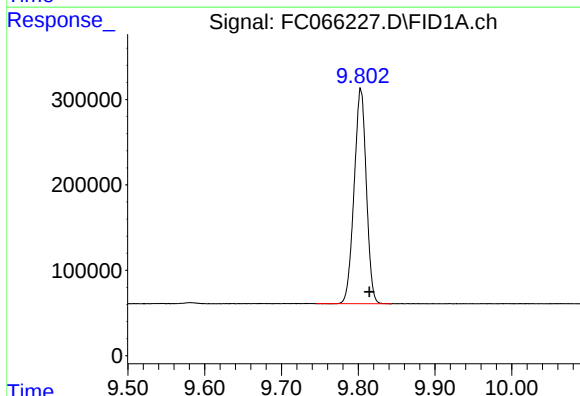
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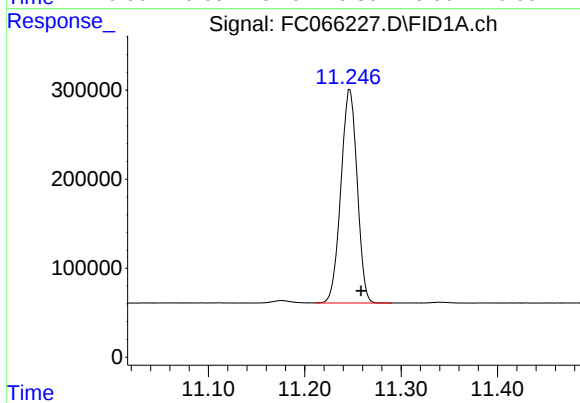
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: -0.010 min
Response: 2704021
Conc: 21.48 ug/ml



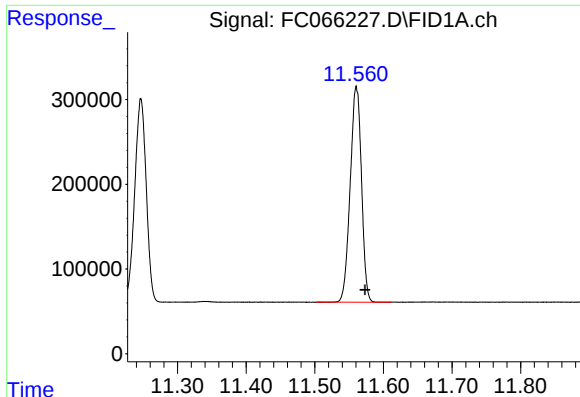
#7 n-Hexadecane (C16)

R.T.: 9.803 min
Delta R.T.: -0.011 min
Response: 2783451
Conc: 21.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.012 min
Response: 2804104
Conc: 22.03 ug/ml



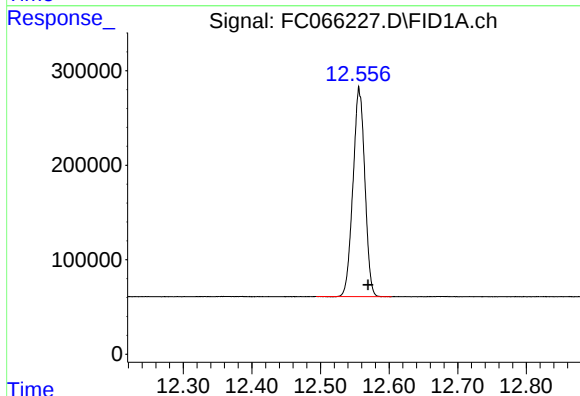
#9 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: -0.013 min
Response: 2908523
Conc: 21.06 ug/ml

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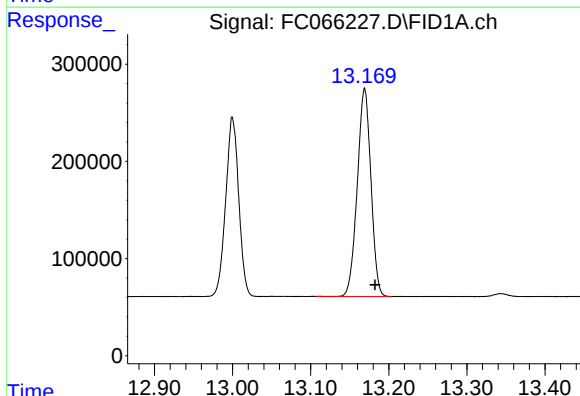
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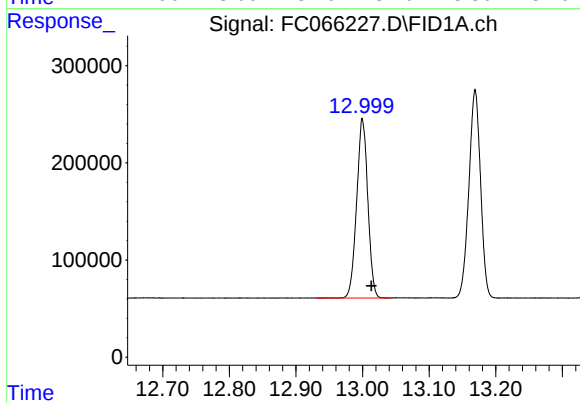
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.013 min
Response: 2655996
Conc: 22.04 ug/ml



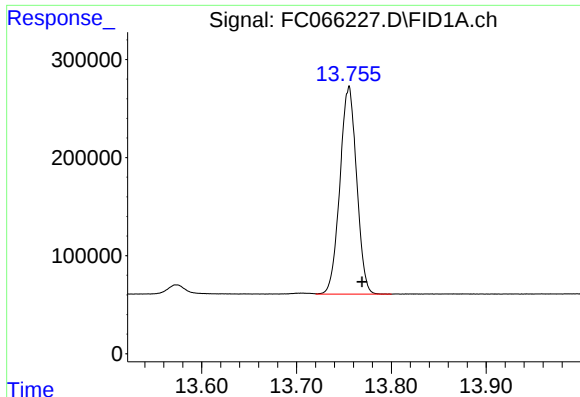
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.013 min
Response: 2600752
Conc: 21.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.013 min
Response: 2145862
Conc: 21.87 ug/ml



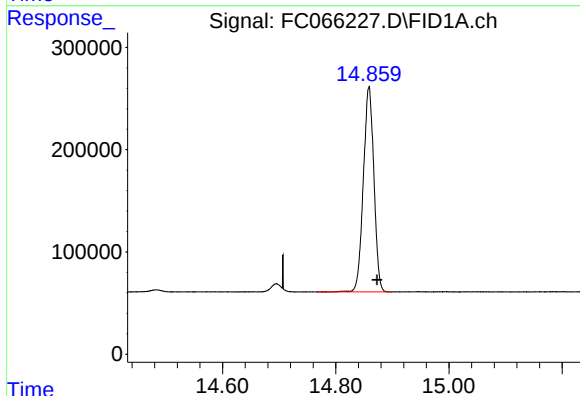
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.014 min
Response: 2592248
Conc: 22.08 ug/ml

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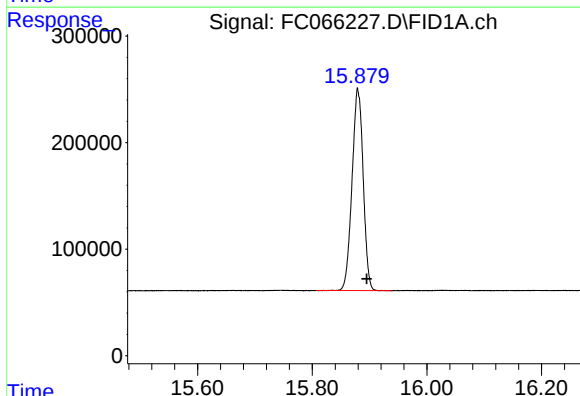
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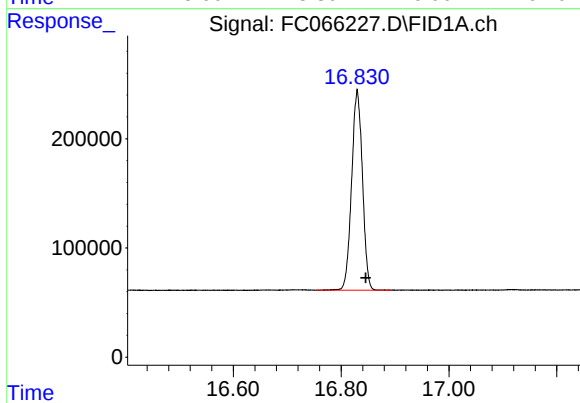
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.014 min
Response: 2596331
Conc: 22.25 ug/ml



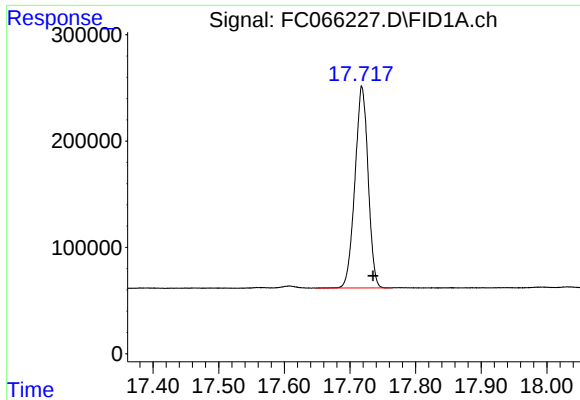
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.015 min
Response: 2559609
Conc: 22.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: -0.016 min
Response: 2552043
Conc: 22.52 ug/ml



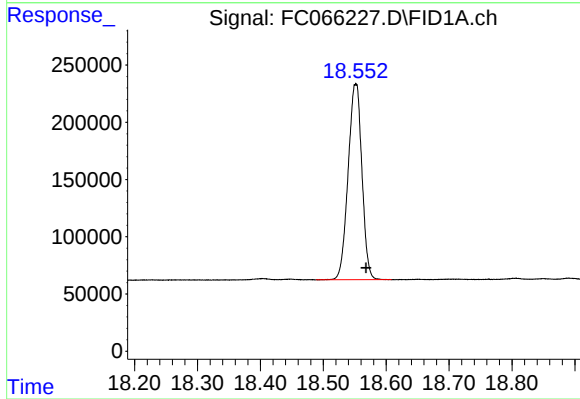
#17 n-Tricontane (C30)

R.T.: 17.718 min
Delta R.T.: -0.016 min
Response: 2644078
Conc: 22.82 ug/ml

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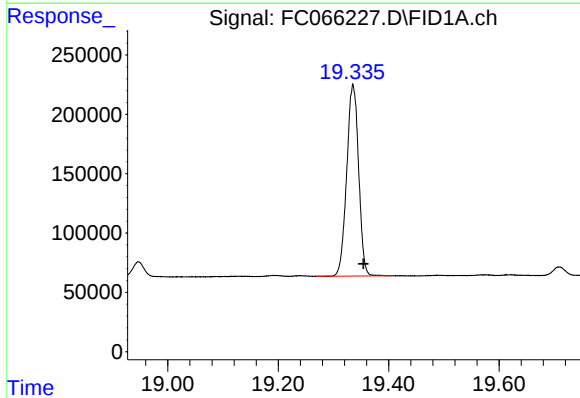
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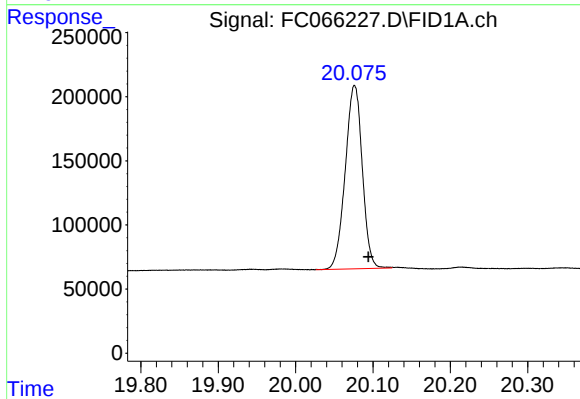
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.017 min
Response: 2606377
Conc: 22.70 ug/ml



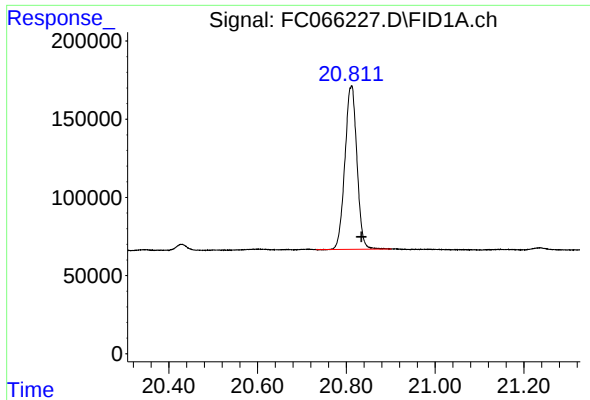
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: -0.019 min
Response: 2418819
Conc: 22.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: -0.018 min
Response: 2187230
Conc: 21.19 ug/ml m



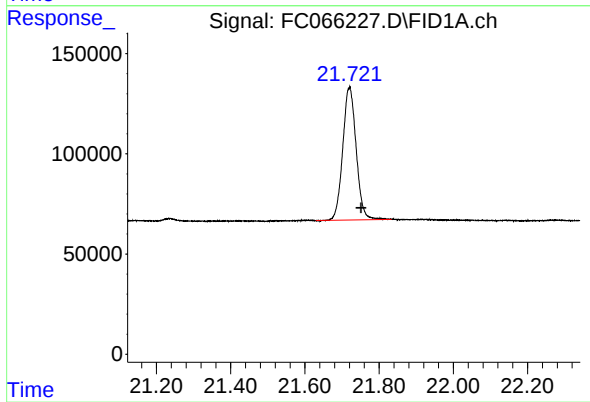
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.023 min
Response: 1965752
Conc: 20.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: -0.032 min
Response: 1662354
Conc: 18.37 ug/ml