

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062124AL\
 Data File : FC066663.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2024 14:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Ankita Jodhani 06/24/2024

Integration File: autoint1.e
 Quant Time: Jun 22 02:57:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.531	3227010	18.709 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	12.969	2524286	18.295 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
Target Compounds			
1) T n-Nonane (C9)	3.296	2820405	19.412 ug/ml
2) T n-Decane (C10)	4.361	2897665	19.426 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3171658	19.534 ug/ml
4) T n-Dodecane (C12)	6.379	2943945	19.425 ug/ml
5) T A~2-methylnaphthalene...	7.000	3078509	19.378 ug/ml
6) T n-Tetradecane (C14)	8.175	2931407	19.325 ug/ml
7) T n-Hexadecane (C16)	9.775	3074482	19.193 ug/ml
8) T n-Octadecane (C18)	11.218	3139921	18.924 ug/ml
10) T n-Eicosane (C20)	12.526	3033993	18.663 ug/ml
11) T n-Heneicosane (C21)	13.138	2984656	18.524 ug/ml
13) T n-Docosane (C22)	13.724	2961606	18.473 ug/ml
14) T n-Tetracosane (C24)	14.827	2909797	18.334 ug/ml
15) T n-Hexacosane (C26)	15.848	2791858	18.284 ug/ml
16) T n-Octacosane (C28)	16.797	2665478	18.478 ug/ml
17) T n-Tricontane (C30)	17.683	2634007	18.853 ug/ml
18) T n-Dotriacontane (C32)	18.517	2536993	19.224 ug/ml
19) T n-Tetratriacontane (C34)	19.300	2421742	19.582 ug/ml
20) T n-Hexatriacontane (C36)	20.040	2303157	19.110 ug/ml
21) T n-Octatriacontane (C38)	20.771	2270226	19.854 ug/ml
22) T n-Tetracontane (C40)	21.668	2221823	19.783 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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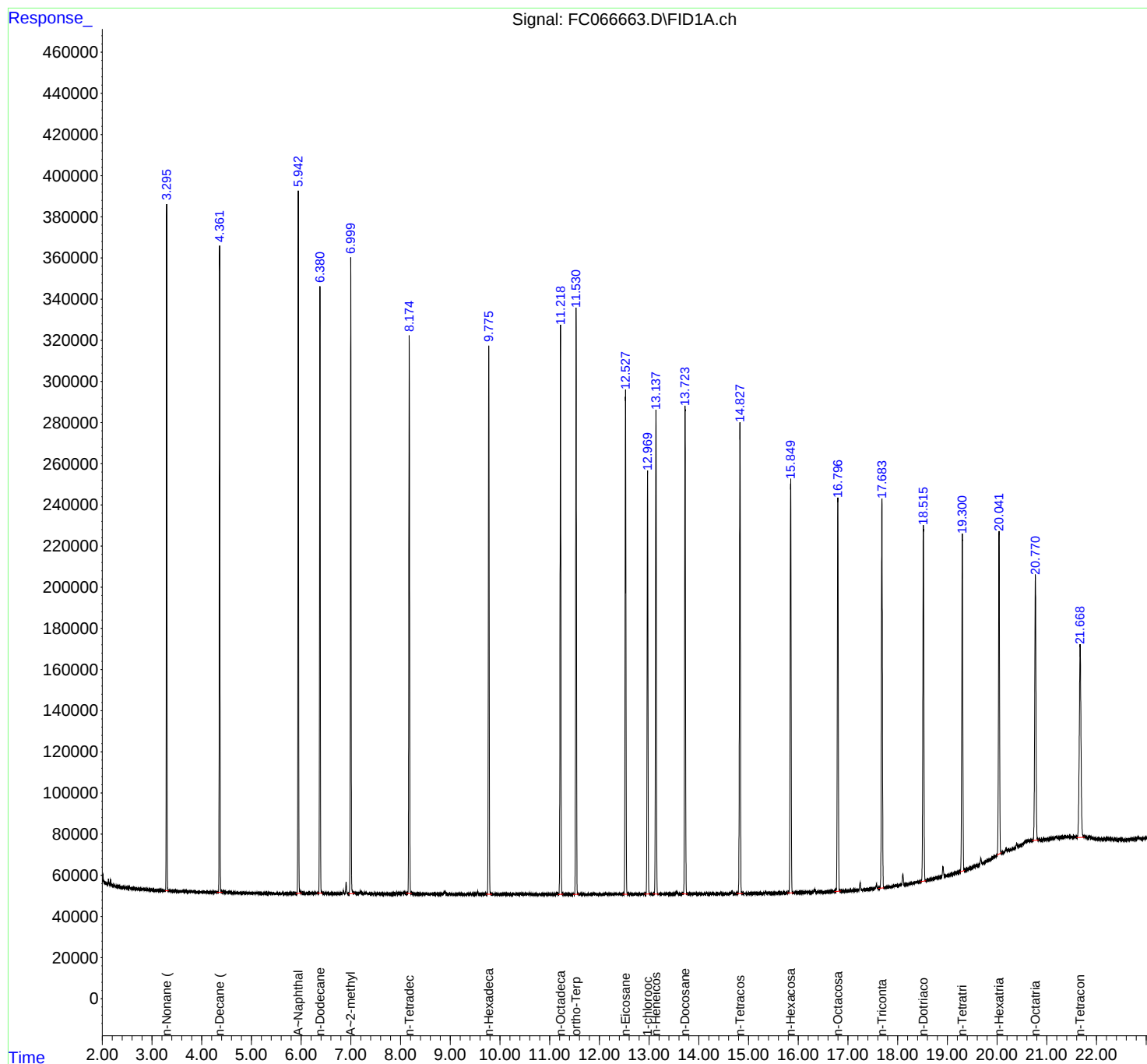
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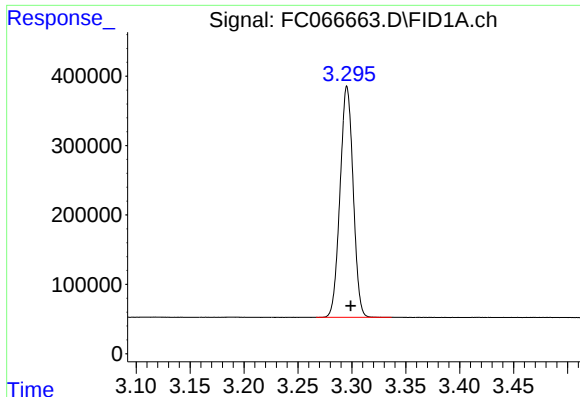
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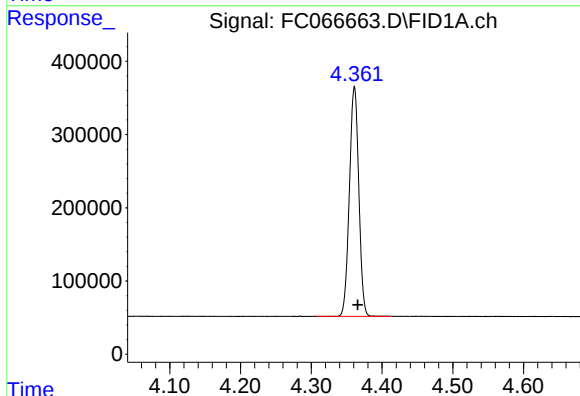
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 2820405
Conc: 19.41 ug/ml

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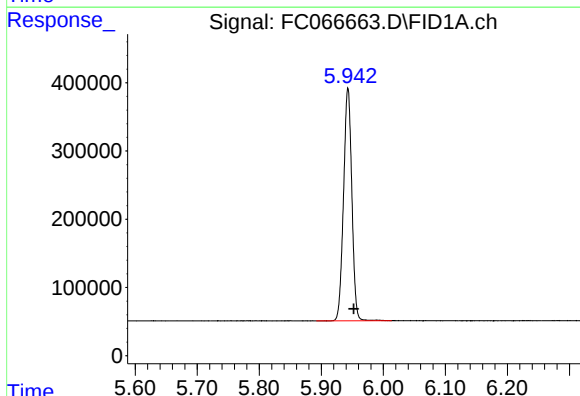
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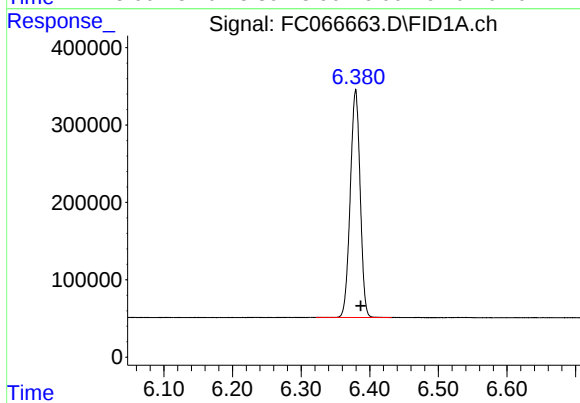
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.005 min
Response: 2897665
Conc: 19.43 ug/ml



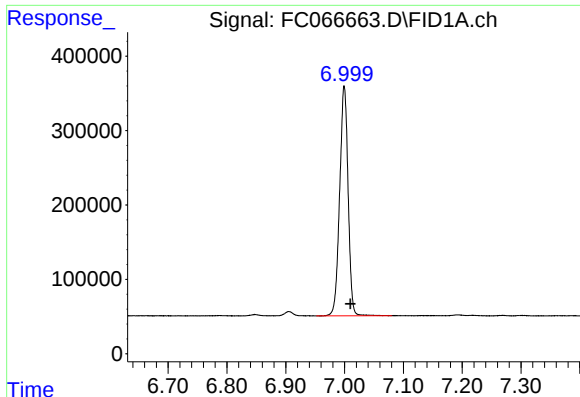
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 3171658
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.007 min
Response: 2943945
Conc: 19.42 ug/ml



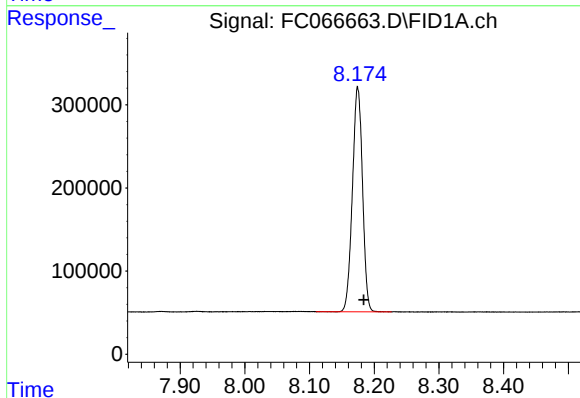
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.011 min
Response: 3078509
Conc: 19.38 ug/ml

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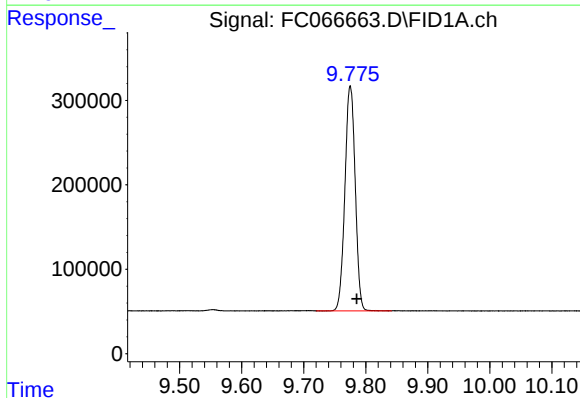
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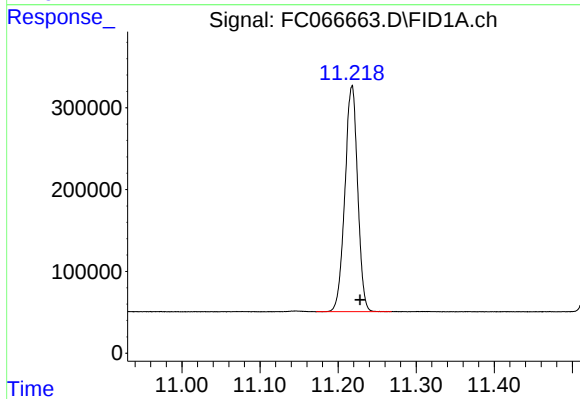
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.009 min
Response: 2931407
Conc: 19.33 ug/ml



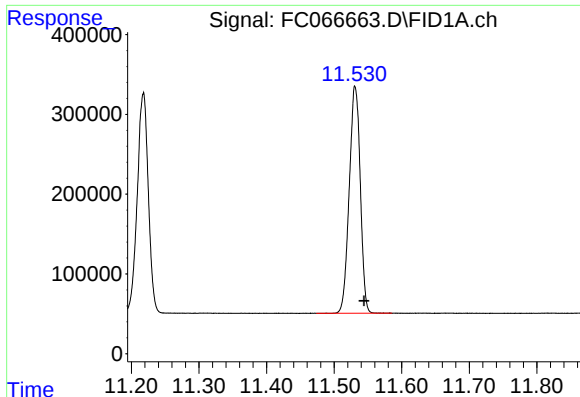
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.010 min
Response: 3074482
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.011 min
Response: 3139921
Conc: 18.92 ug/ml



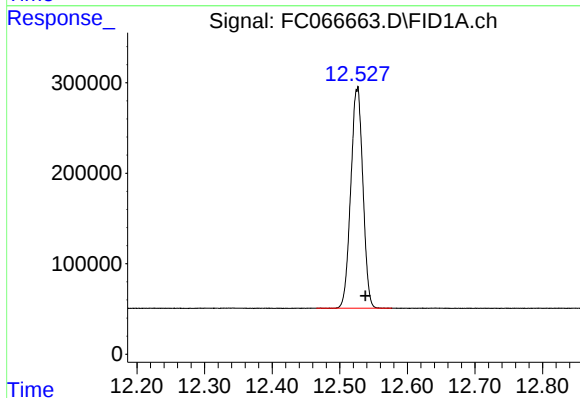
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.013 min
Response: 3227010
Conc: 18.71 ug/ml

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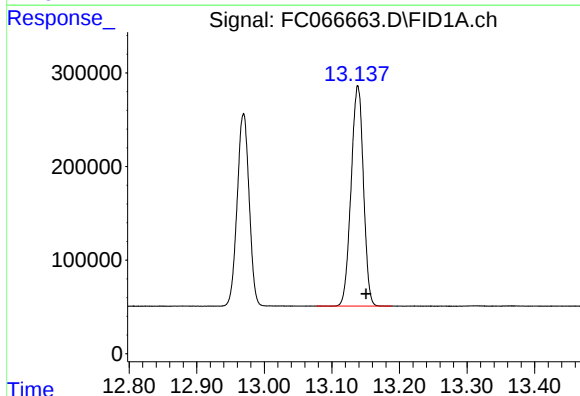
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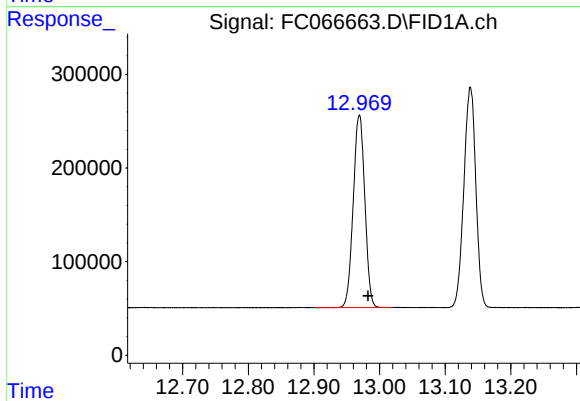
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.012 min
Response: 3033993
Conc: 18.66 ug/ml



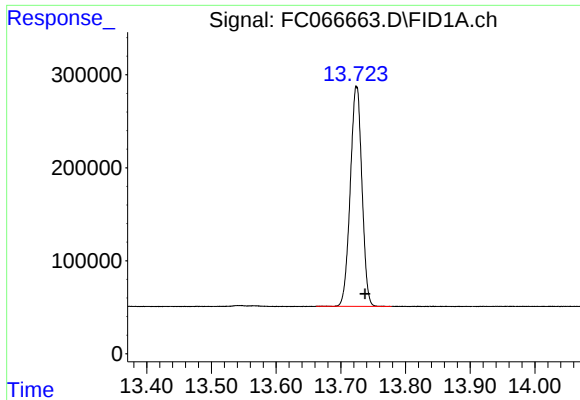
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.012 min
Response: 2984656
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.013 min
Response: 2524286
Conc: 18.29 ug/ml



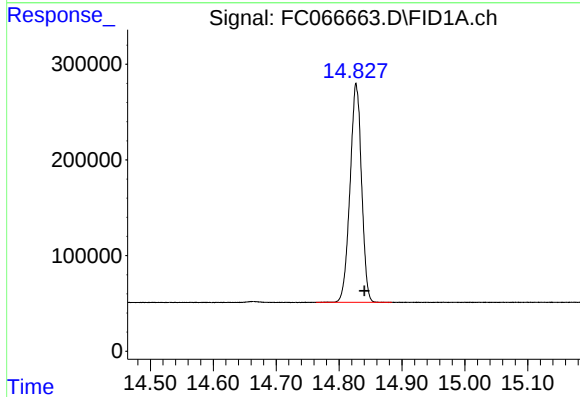
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.013 min
Response: 2961606
Conc: 18.47 ug/ml

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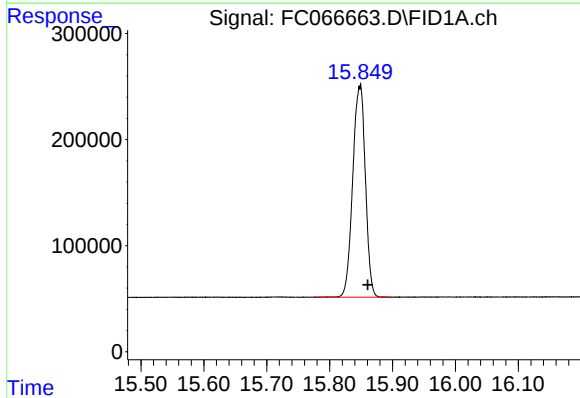
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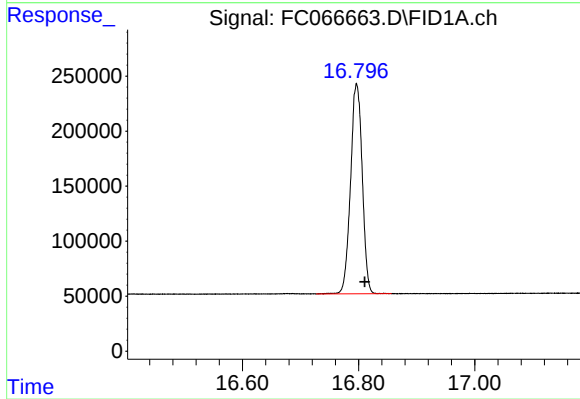
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.013 min
Response: 2909797
Conc: 18.33 ug/ml



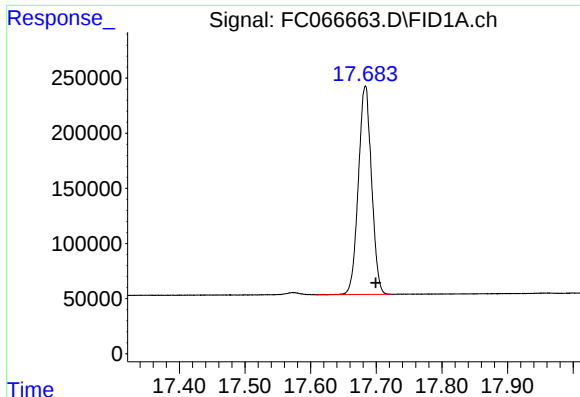
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.013 min
Response: 2791858
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.014 min
Response: 2665478
Conc: 18.48 ug/ml



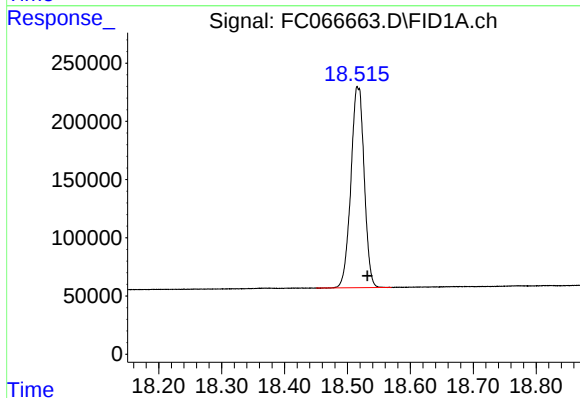
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.016 min
Response: 2634007
Conc: 18.85 ug/ml

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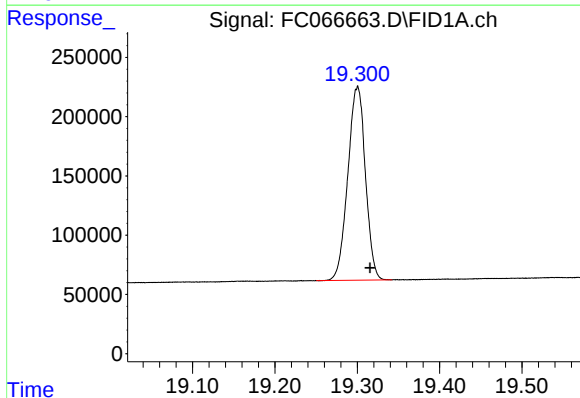
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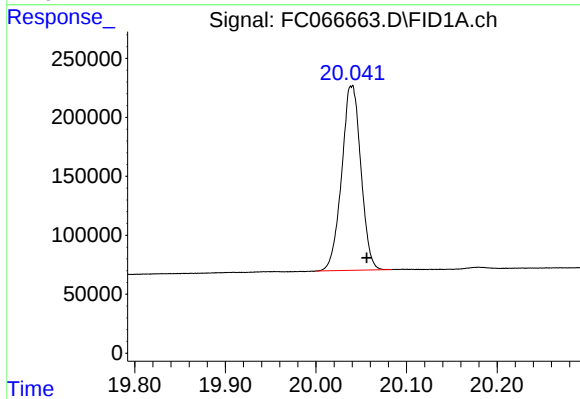
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.015 min
Response: 2536993
Conc: 19.22 ug/ml



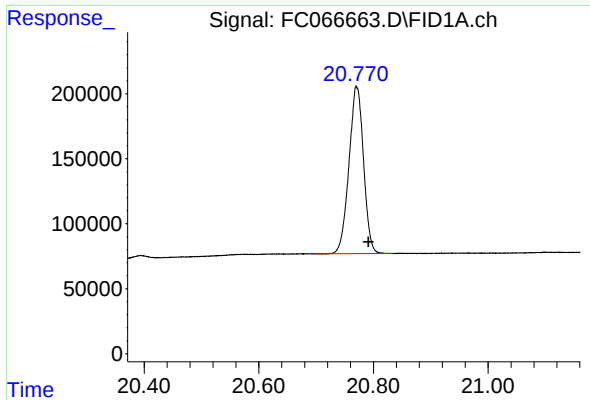
#19 n-Tetratriacontane (C34)

R.T.: 19.300 min
Delta R.T.: -0.015 min
Response: 2421742
Conc: 19.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.040 min
Delta R.T.: -0.017 min
Response: 2303157
Conc: 19.11 ug/ml



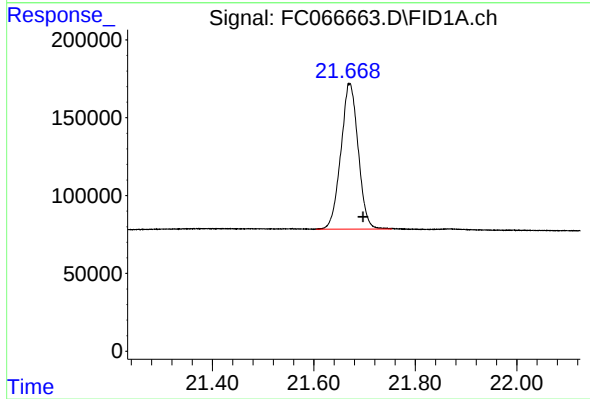
#21 n-Octatriacontane (C38)

R.T.: 20.771 min
Delta R.T.: -0.020 min
Response: 2270226
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.030 min
Response: 2221823
Conc: 19.78 ug/ml m