

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070324AL\
 Data File : FC066737.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2024 11:00
 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 07/05/2024
 Supervised By :Ankita Jodhani 07/08/2024

Integration File: autoint1.e
 Quant Time: Jul 04 04:05:15 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)	11.522	2924773	16.956 ug/ml
Spiked Amount 50.000		Recovery =	33.91%
12) S 1-chlorooctadecane (S...	12.961	2244162	16.264 ug/ml
Spiked Amount 50.000		Recovery =	32.53%
Target Compounds			
1) T n-Nonane (C9)	3.287	2461824	16.944 ug/ml
2) T n-Decane (C10)	4.354	2669184	17.895 ug/ml
3) T A~Naphthalene (C11.7)	5.935	2889201	17.795 ug/ml
4) T n-Dodecane (C12)	6.372	2707143	17.862 ug/ml
5) T A~2-methylnaphthalene...	6.992	2801057	17.631 ug/ml
6) T n-Tetradecane (C14)	8.167	2706485	17.843 ug/ml
7) T n-Hexadecane (C16)	9.768	2862833	17.872 ug/ml
8) T n-Octadecane (C18)	11.209	2894910	17.447 ug/ml
10) T n-Eicosane (C20)	12.518	2758947	16.971 ug/ml
11) T n-Heneicosane (C21)	13.130	2688128	16.684 ug/ml
13) T n-Docosane (C22)	13.715	2681120	16.723 ug/ml
14) T n-Tetracosane (C24)	14.818	2689824	16.948 ug/ml
15) T n-Hexacosane (C26)	15.837	2630289	17.226 ug/ml
16) T n-Octacosane (C28)	16.786	2742448	19.012 ug/ml
17) T n-Tricontane (C30)	17.674	3013546	21.569 ug/ml
18) T n-Dotriacontane (C32)	18.505	3054628	23.146 ug/ml
19) T n-Tetratriacontane (C34)	19.289	2787212	22.537 ug/ml
20) T n-Hexatriacontane (C36)	20.025	2503730	20.774 ug/mlm
21) T n-Octatriacontane (C38)	20.756	2320237	20.291 ug/ml
22) T n-Tetracontane (C40)	21.650	2168540	19.308 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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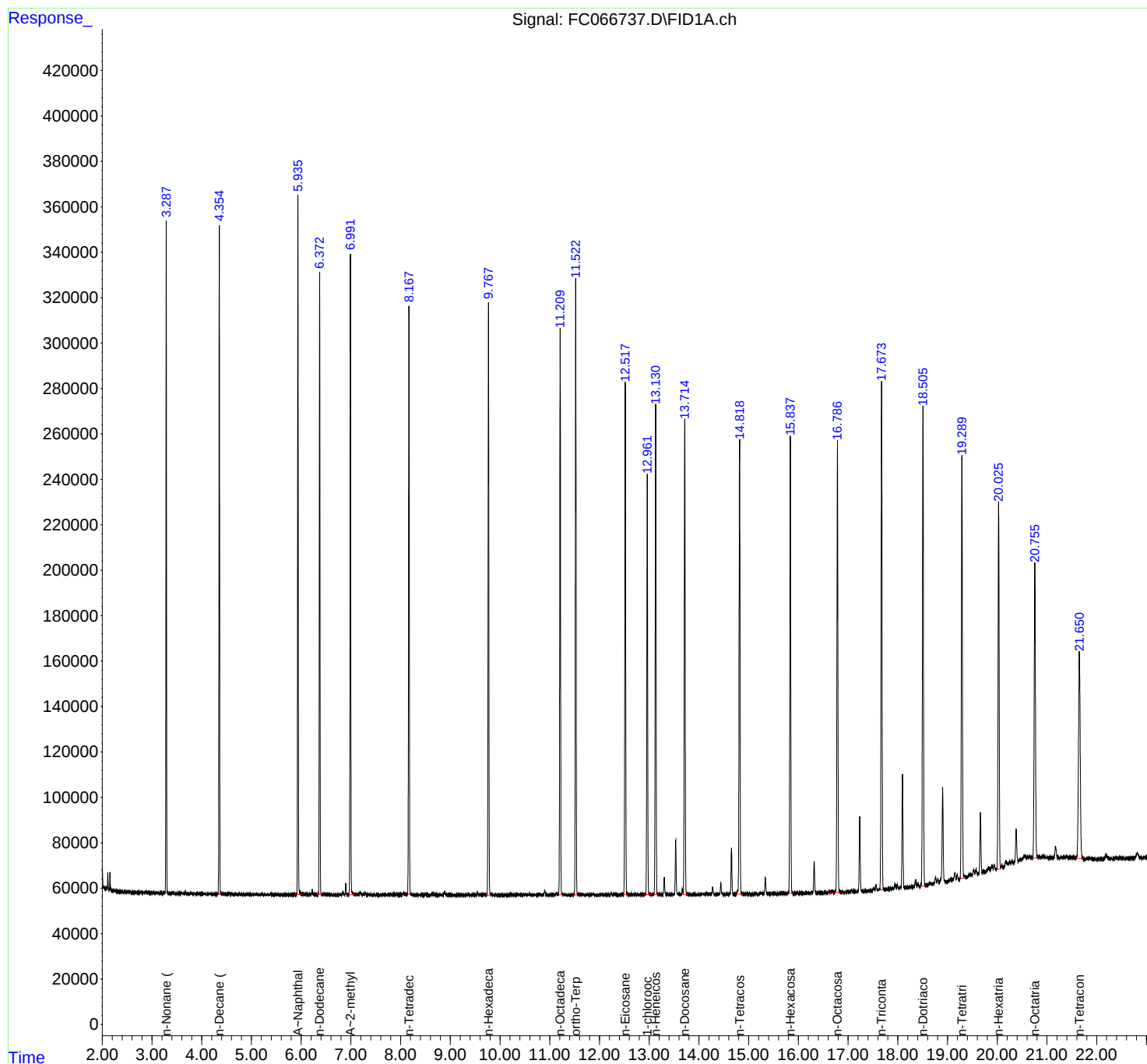
Instrument :
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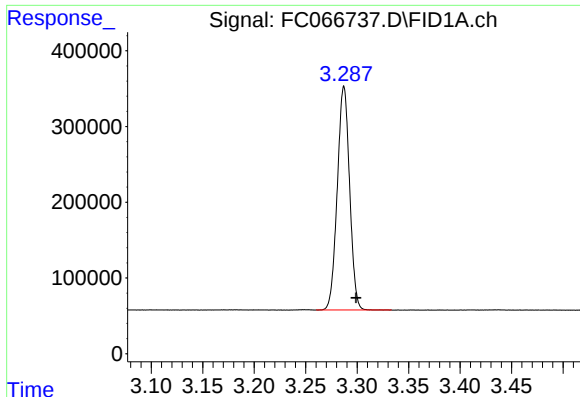
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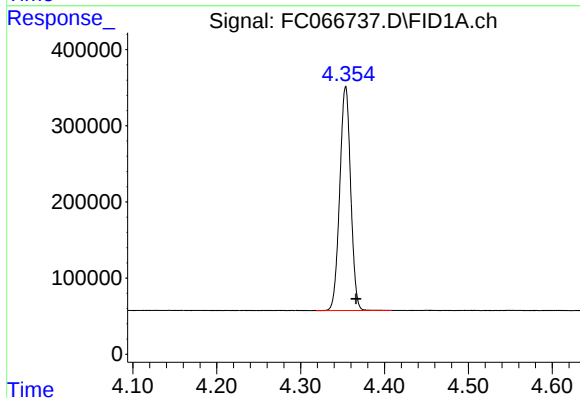
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.012 min
Response: 2461824
Conc: 16.94 ug/ml

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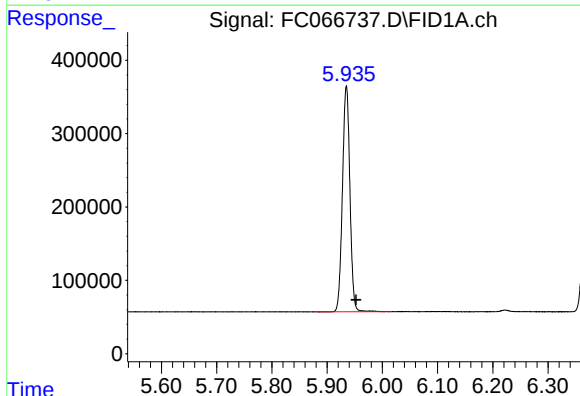
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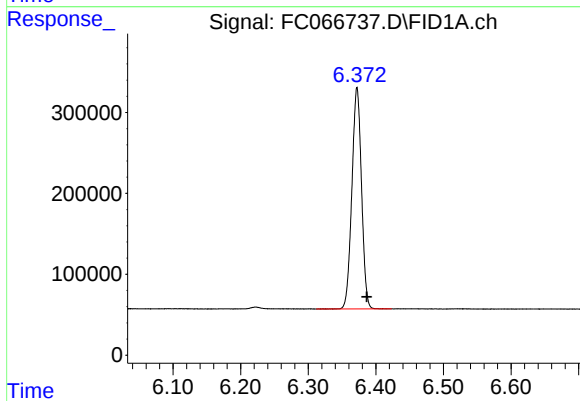
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.012 min
Response: 2669184
Conc: 17.89 ug/ml



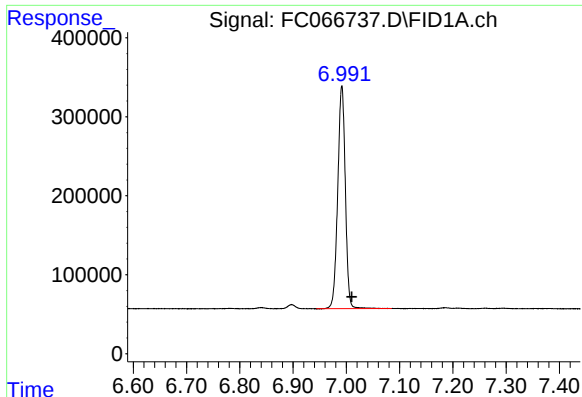
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.018 min
Response: 2889201
Conc: 17.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: -0.015 min
Response: 2707143
Conc: 17.86 ug/ml



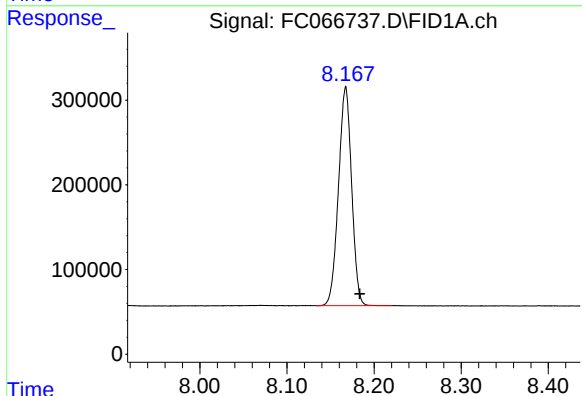
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.019 min
Response: 2801057
Conc: 17.63 ug/ml

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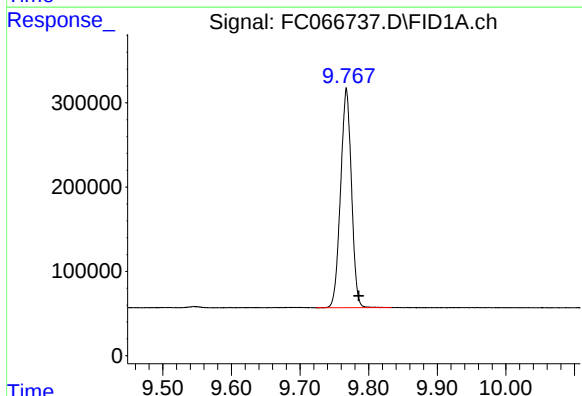
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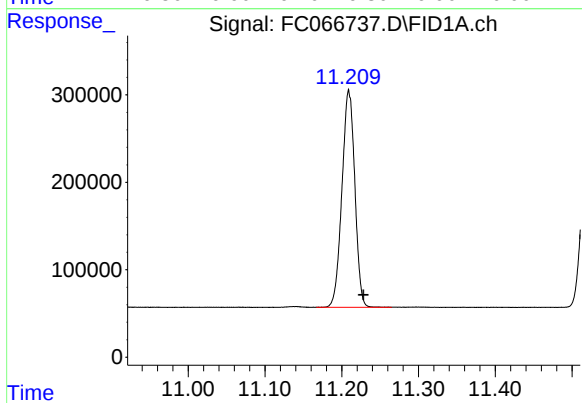
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.016 min
Response: 2706485
Conc: 17.84 ug/ml



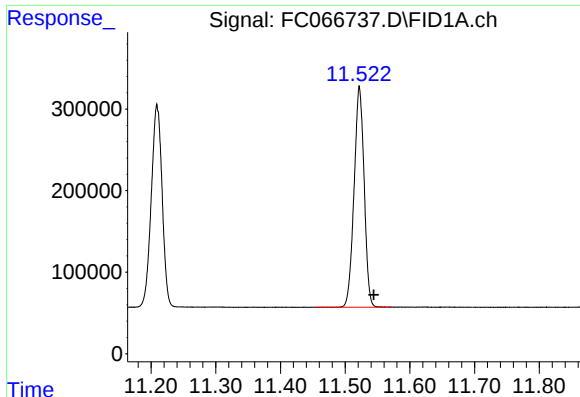
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: -0.018 min
Response: 2862833
Conc: 17.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.019 min
Response: 2894910
Conc: 17.45 ug/ml



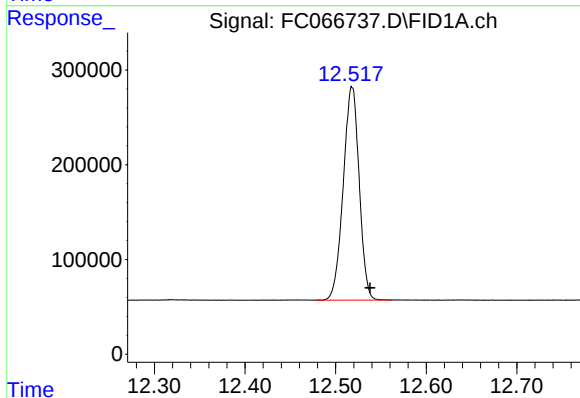
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.022 min
Response: 2924773
Conc: 16.96 ug/ml

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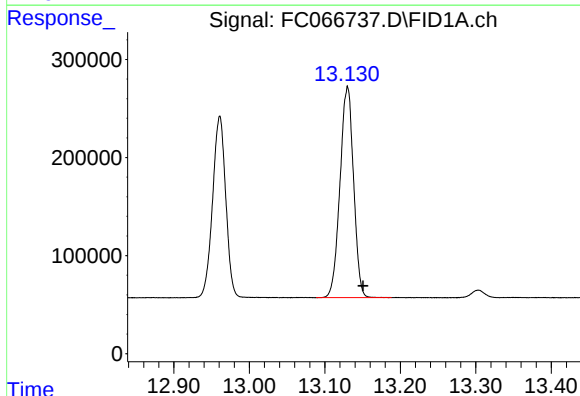
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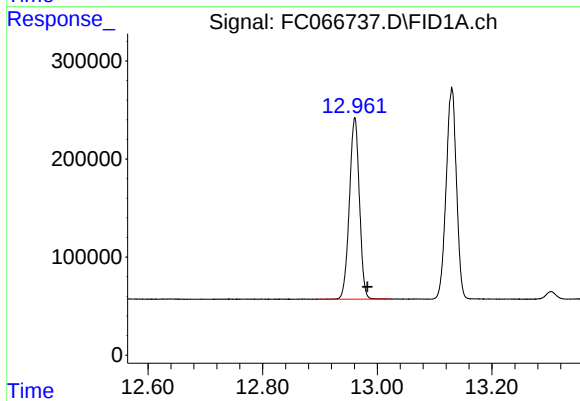
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.020 min
Response: 2758947
Conc: 16.97 ug/ml



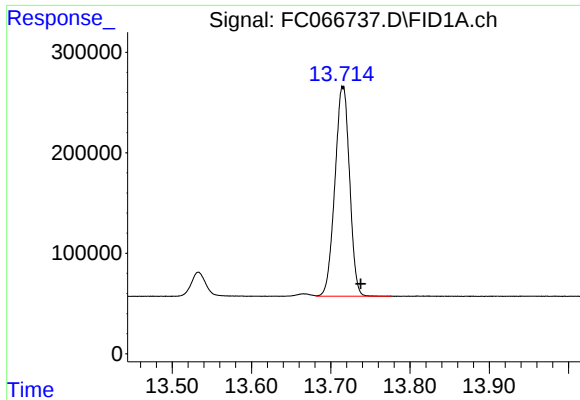
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.021 min
Response: 2688128
Conc: 16.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: -0.022 min
Response: 2244162
Conc: 16.26 ug/ml



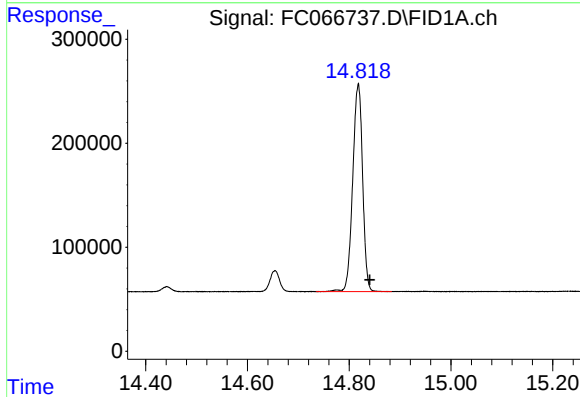
#13 n-Docosane (C22)

R.T.: 13.715 min
Delta R.T.: -0.022 min
Response: 2681120
Conc: 16.72 ug/ml

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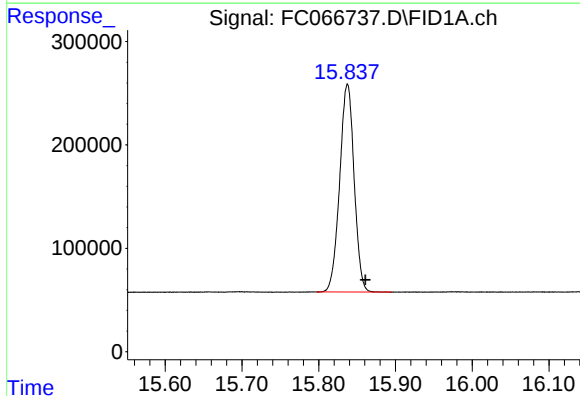
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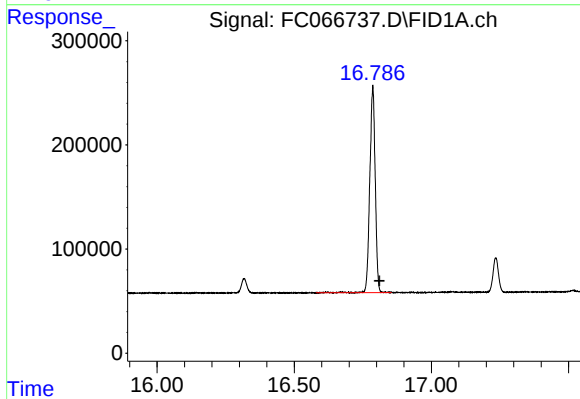
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.023 min
Response: 2689824
Conc: 16.95 ug/ml



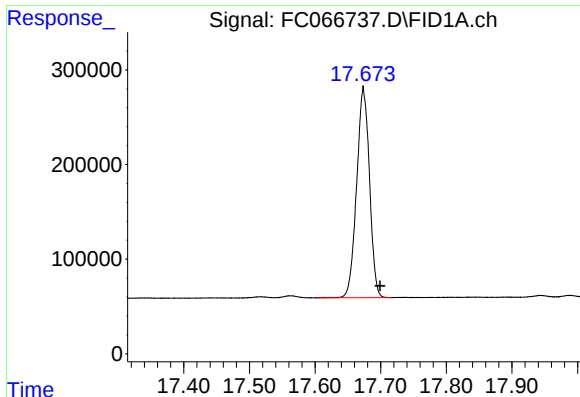
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.023 min
Response: 2630289
Conc: 17.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: -0.024 min
Response: 2742448
Conc: 19.01 ug/ml



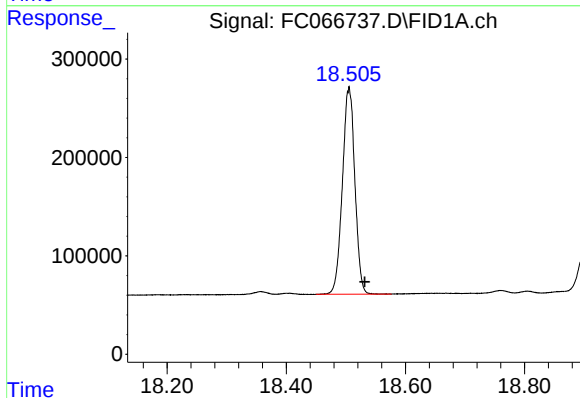
#17 n-Tricontane (C30)

R.T.: 17.674 min
Delta R.T.: -0.025 min
Response: 3013546
Conc: 21.57 ug/ml

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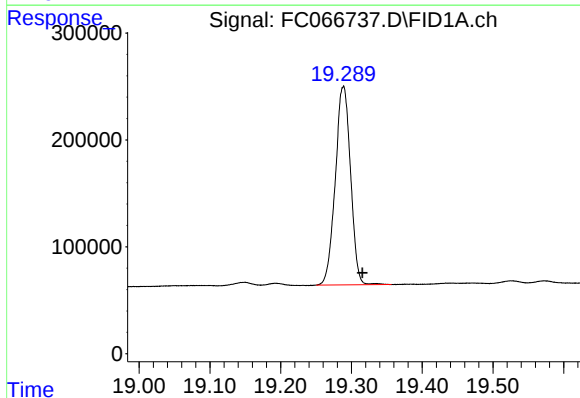
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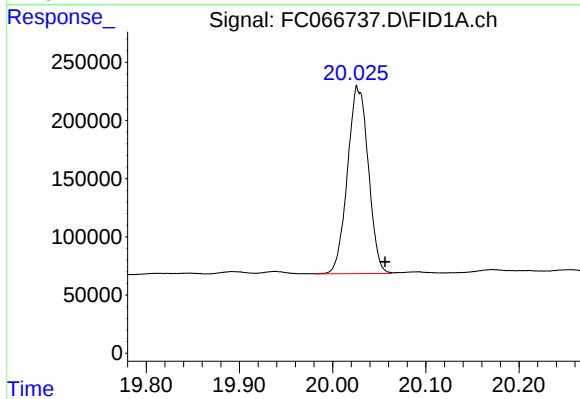
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: -0.026 min
Response: 3054628
Conc: 23.15 ug/ml



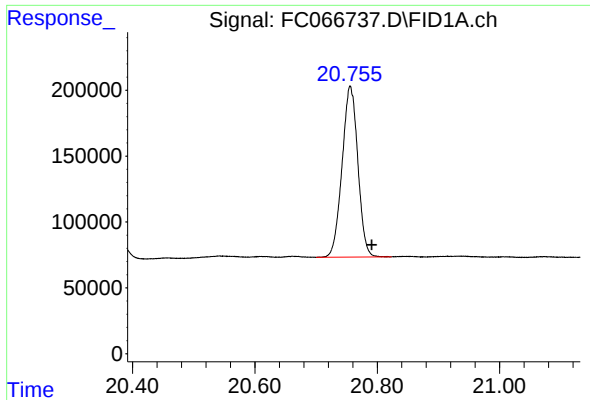
#19 n-Tetratriacontane (C34)

R.T.: 19.289 min
Delta R.T.: -0.027 min
Response: 2787212
Conc: 22.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.025 min
Delta R.T.: -0.031 min
Response: 2503730
Conc: 20.77 ug/ml m



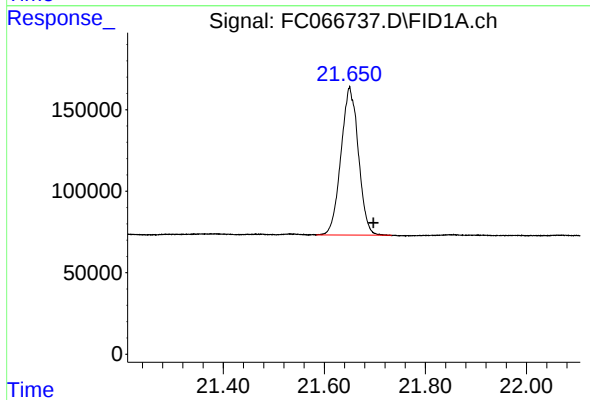
#21 n-Octatriacontane (C38)

R.T.: 20.756 min
Delta R.T.: -0.035 min
Response: 2320237
Conc: 20.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.650 min
Delta R.T.: -0.047 min
Response: 2168540
Conc: 19.31 ug/ml m