

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071624AL\
 Data File : FC066824.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2024 06:09
 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 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 06:41:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.519	3007779	19.537 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	12.957	2215553	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
Target Compounds			
1) T n-Nonane (C9)	3.284	2853229	20.108 ug/ml
2) T n-Decane (C10)	4.350	2928781	19.812 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3150173	19.726 ug/ml
4) T n-Dodecane (C12)	6.369	2944470	19.641 ug/ml
5) T A~2-methylnaphthalene...	6.988	3012685	19.652 ug/ml
6) T n-Tetradecane (C14)	8.165	2881076	19.691 ug/ml
7) T n-Hexadecane (C16)	9.765	2962730	19.795 ug/ml
8) T n-Octadecane (C18)	11.206	2938932	19.804 ug/ml
10) T n-Eicosane (C20)	12.514	2754525	19.762 ug/ml
11) T n-Heneicosane (C21)	13.126	2681927	19.690 ug/ml
13) T n-Docosane (C22)	13.712	2636663	19.630 ug/ml
14) T n-Tetracosane (C24)	14.813	2594371	19.505 ug/ml
15) T n-Hexacosane (C26)	15.834	2524469	19.402 ug/ml
16) T n-Octacosane (C28)	16.783	2444157	19.374 ug/mlm
17) T n-Tricontane (C30)	17.672	2461652	19.143 ug/mlm
18) T n-Dotriacontane (C32)	18.503	2425992	19.270 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2370623	19.162 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2224846	19.126 ug/ml
21) T n-Octatriacontane (C38)	20.753	2147724	19.330 ug/ml
22) T n-Tetracontane (C40)	21.650	2070376	19.044 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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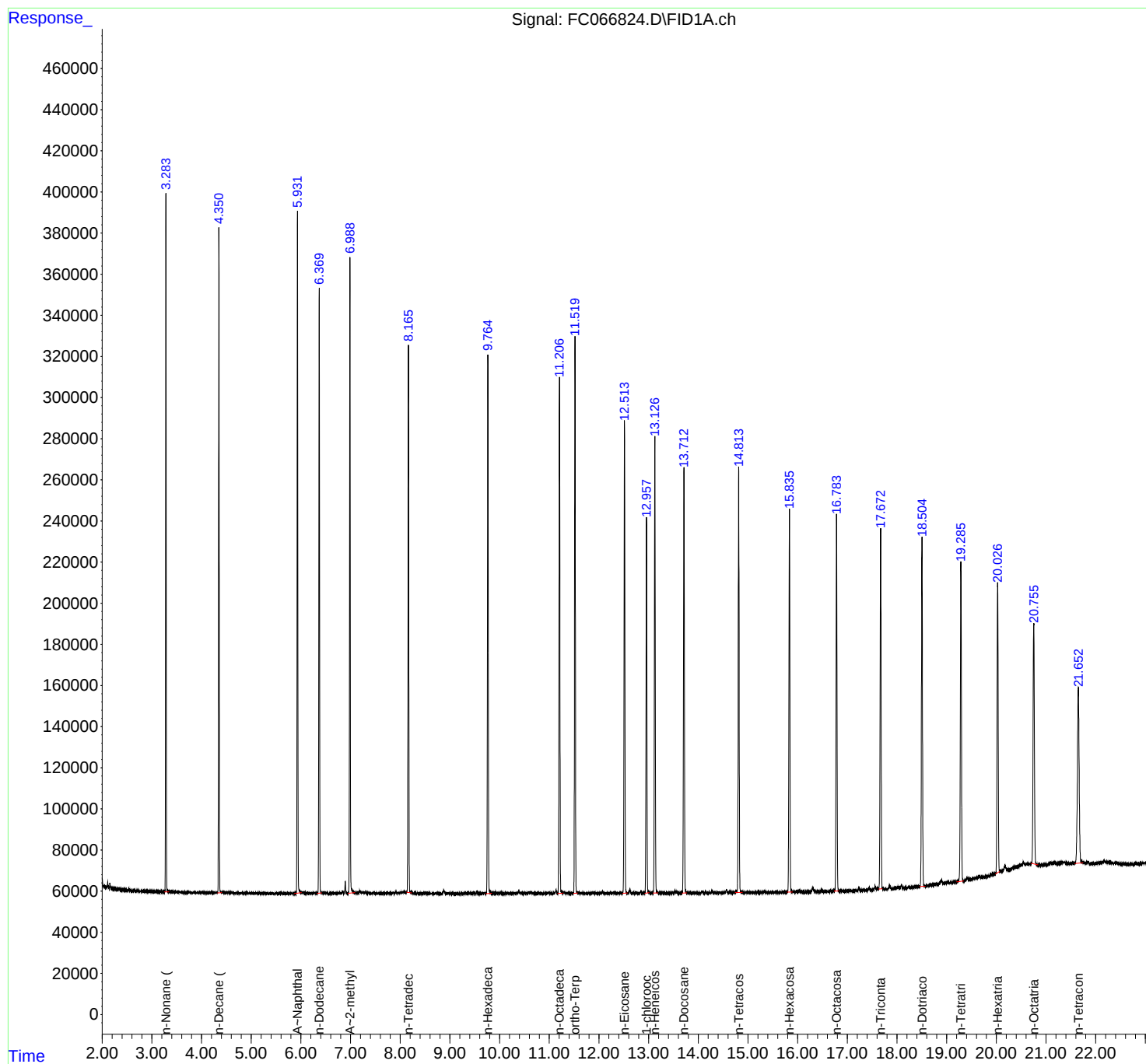
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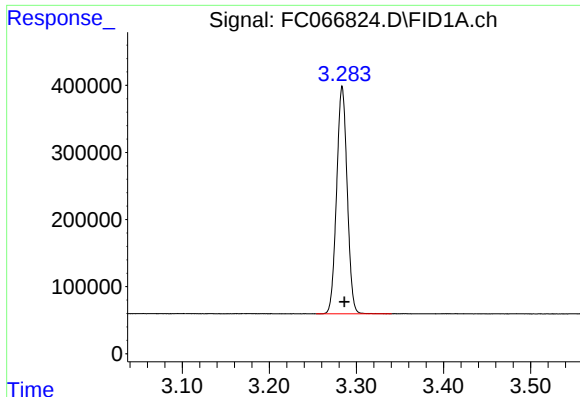
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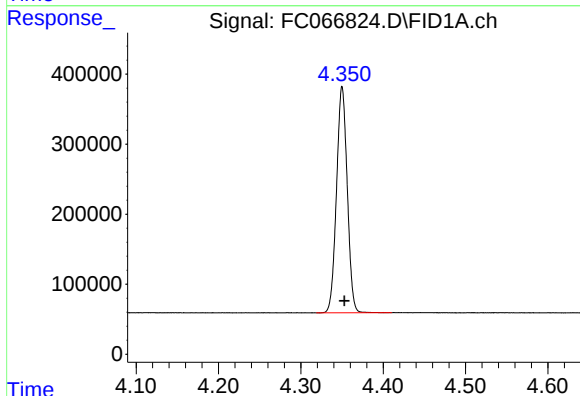
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 2853229
Conc: 20.11 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

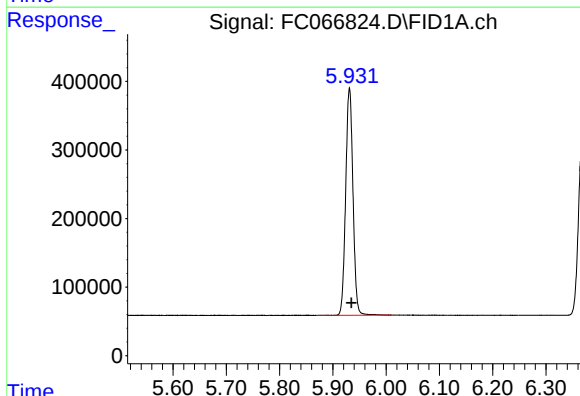
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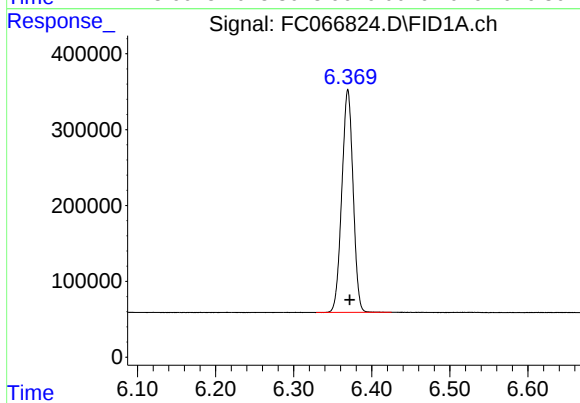
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 2928781
Conc: 19.81 ug/ml



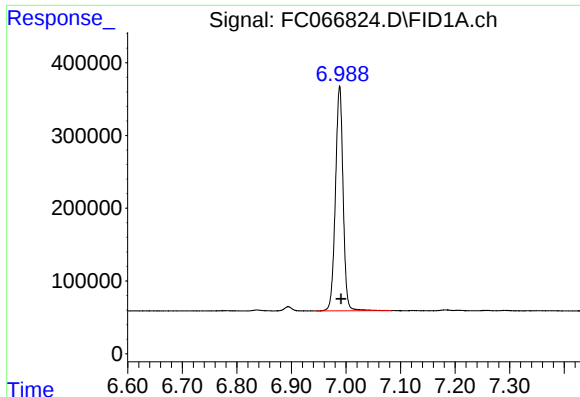
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 3150173
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 2944470
Conc: 19.64 ug/ml



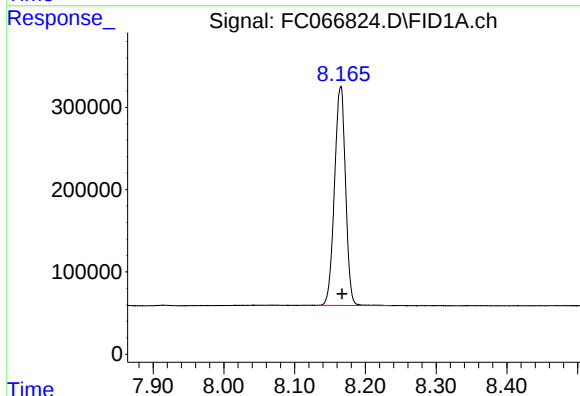
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.003 min
Response: 3012685
Conc: 19.65 ug/ml

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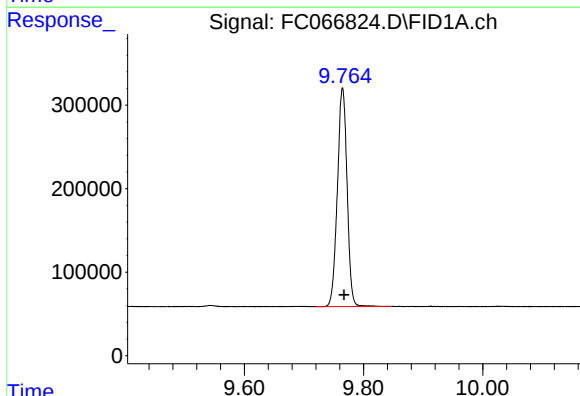
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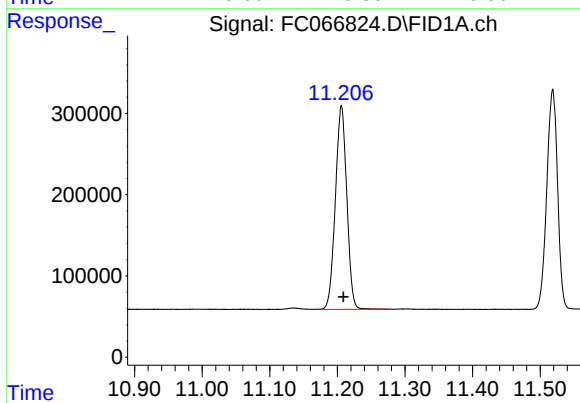
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 2881076
Conc: 19.69 ug/ml



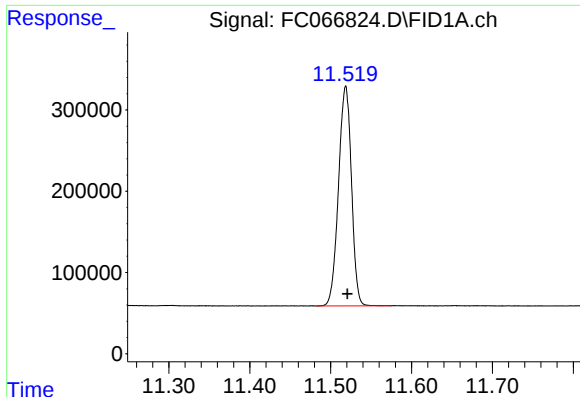
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.003 min
Response: 2962730
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: -0.003 min
Response: 2938932
Conc: 19.80 ug/ml



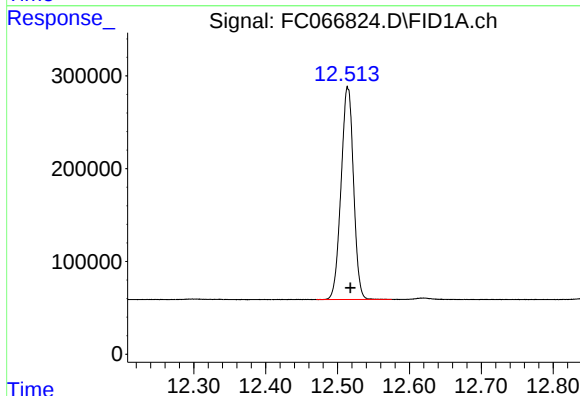
#9 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: -0.002 min
Response: 3007779
Conc: 19.54 ug/ml

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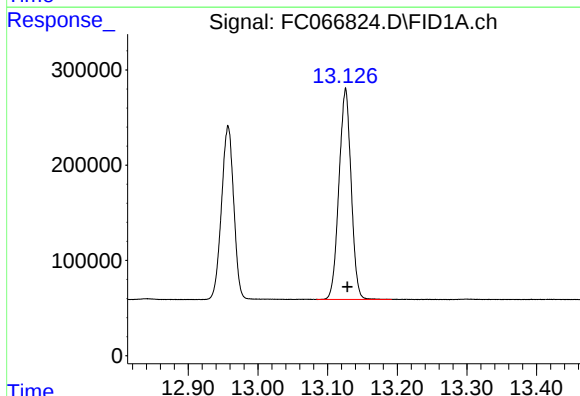
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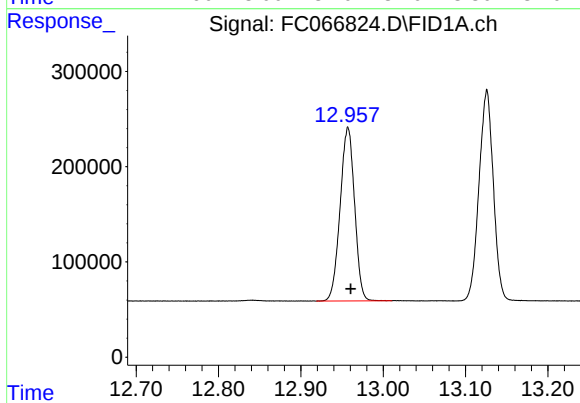
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 2754525
Conc: 19.76 ug/ml



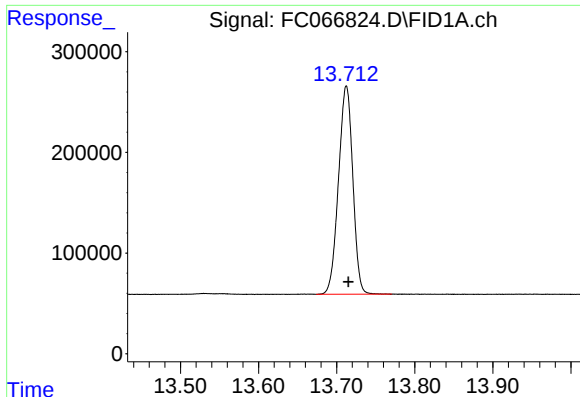
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.003 min
Response: 2681927
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: -0.004 min
Response: 2215553
Conc: 19.81 ug/ml



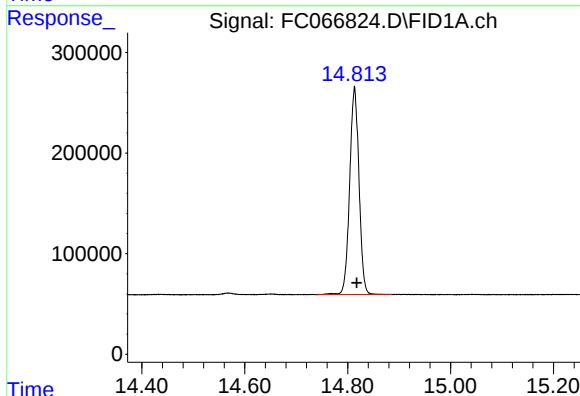
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: -0.003 min
Response: 2636663
Conc: 19.63 ug/ml

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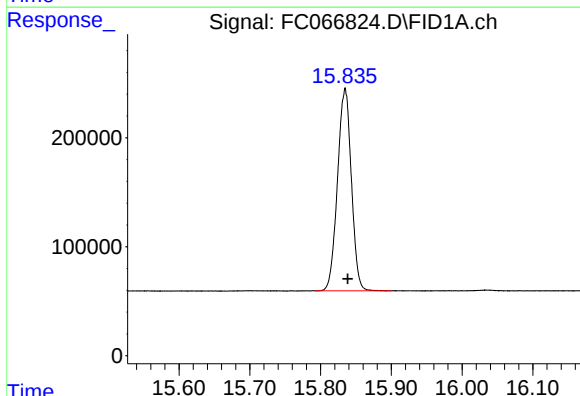
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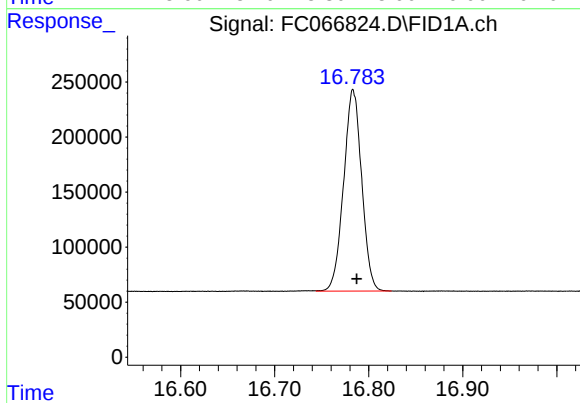
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.004 min
Response: 2594371
Conc: 19.50 ug/ml



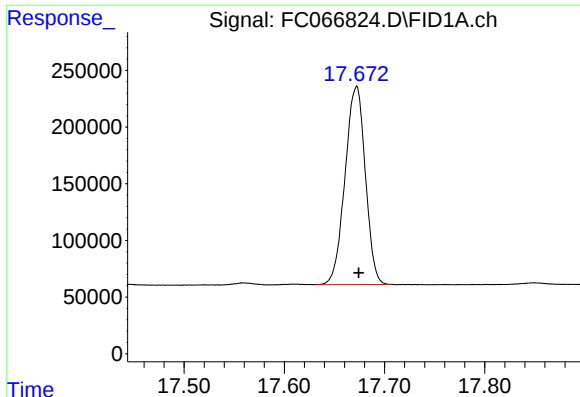
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.004 min
Response: 2524469
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.004 min
Response: 2444157
Conc: 19.37 ug/ml m



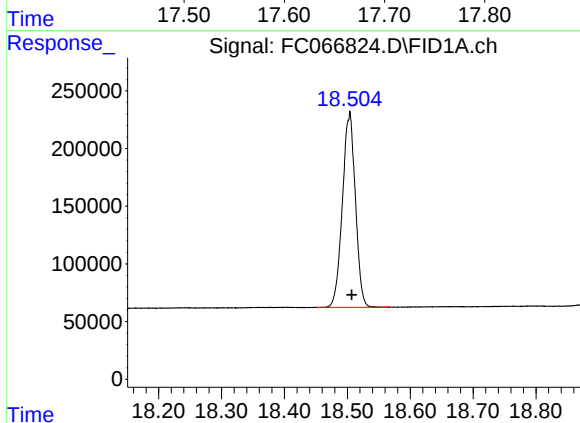
#17 n-Tricontane (C30)

R.T.: 17.672 min
Delta R.T.: -0.002 min
Response: 2461652
Conc: 19.14 ug/ml

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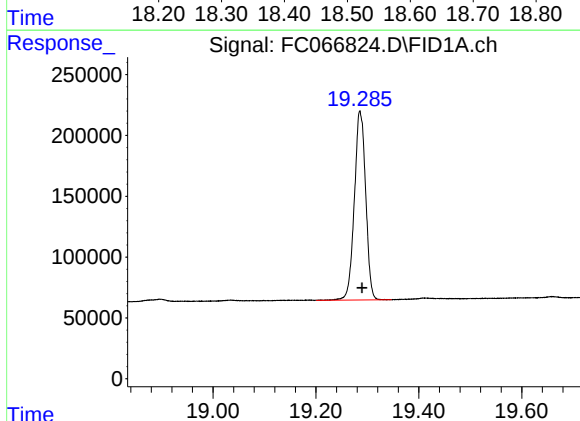
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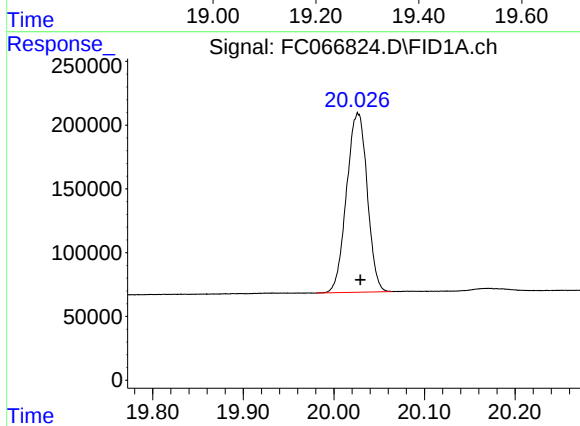
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: -0.004 min
Response: 2425992
Conc: 19.27 ug/ml



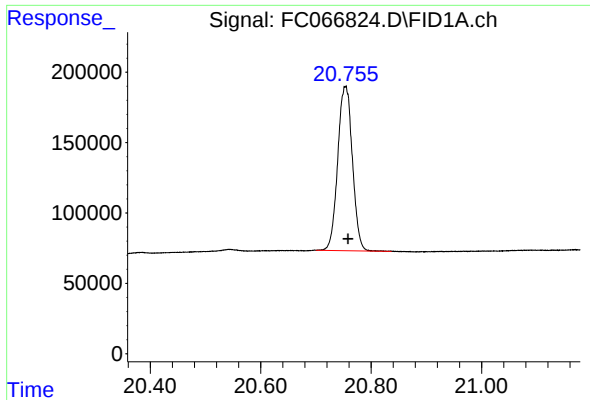
#19 n-Tetratriacontane (C34)

R.T.: 19.286 min
Delta R.T.: -0.004 min
Response: 2370623
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 2224846
Conc: 19.13 ug/ml



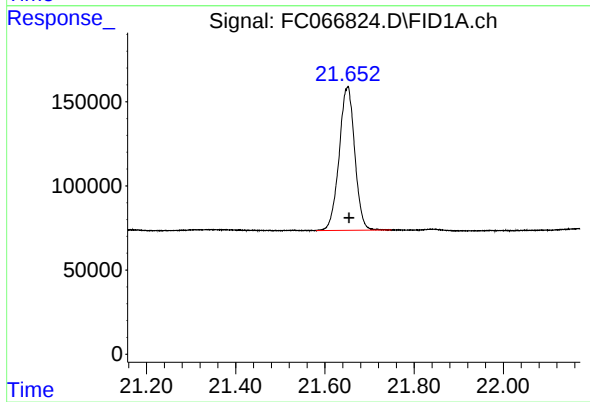
#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: -0.005 min
Response: 2147724
Conc: 19.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.650 min
Delta R.T.: -0.004 min
Response: 2070376
Conc: 19.04 ug/ml