

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111224AL\
 Data File : FC067704.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 09:22
 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 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e
 Quant Time: Nov 12 23:54:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.493	2962726	20.191 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	12.932	2217378	20.534 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.271	2709834	20.114 ug/ml
2) T n-Decane (C10)	4.336	2759667	20.255 ug/ml
3) T A~Naphthalene (C11.7)	5.914	3017608	20.363 ug/ml
4) T n-Dodecane (C12)	6.351	2752094	20.319 ug/ml
5) T A~2-methylnaphthalene...	6.969	2875893	20.364 ug/ml
6) T n-Tetradecane (C14)	8.143	2677119	20.395 ug/ml
7) T n-Hexadecane (C16)	9.742	2709526	20.511 ug/ml
8) T n-Octadecane (C18)	11.181	2725488	20.630 ug/ml
10) T n-Eicosane (C20)	12.489	2580803	20.454 ug/ml
11) T n-Heneicosane (C21)	13.099	2528639	20.489 ug/ml
13) T n-Docosane (C22)	13.686	2509597	20.495 ug/ml
14) T n-Tetracosane (C24)	14.787	2495178	20.586 ug/ml
15) T n-Hexacosane (C26)	15.805	2453686	20.610 ug/ml
16) T n-Octacosane (C28)	16.754	2450535	20.830 ug/ml
17) T n-Tricontane (C30)	17.640	2587894	21.410 ug/mlm
18) T n-Dotriacontane (C32)	18.471	2517973	21.281 ug/mlm
19) T n-Tetratriacontane (C34)	19.253	2431452	23.217 ug/mlm
20) T n-Hexatriacontane (C36)	19.992	2234871	24.552 ug/mlm
21) T n-Octatriacontane (C38)	20.713	1799206	20.775 ug/mlm
22) T n-Tetracontane (C40)	21.597	1675964	19.715 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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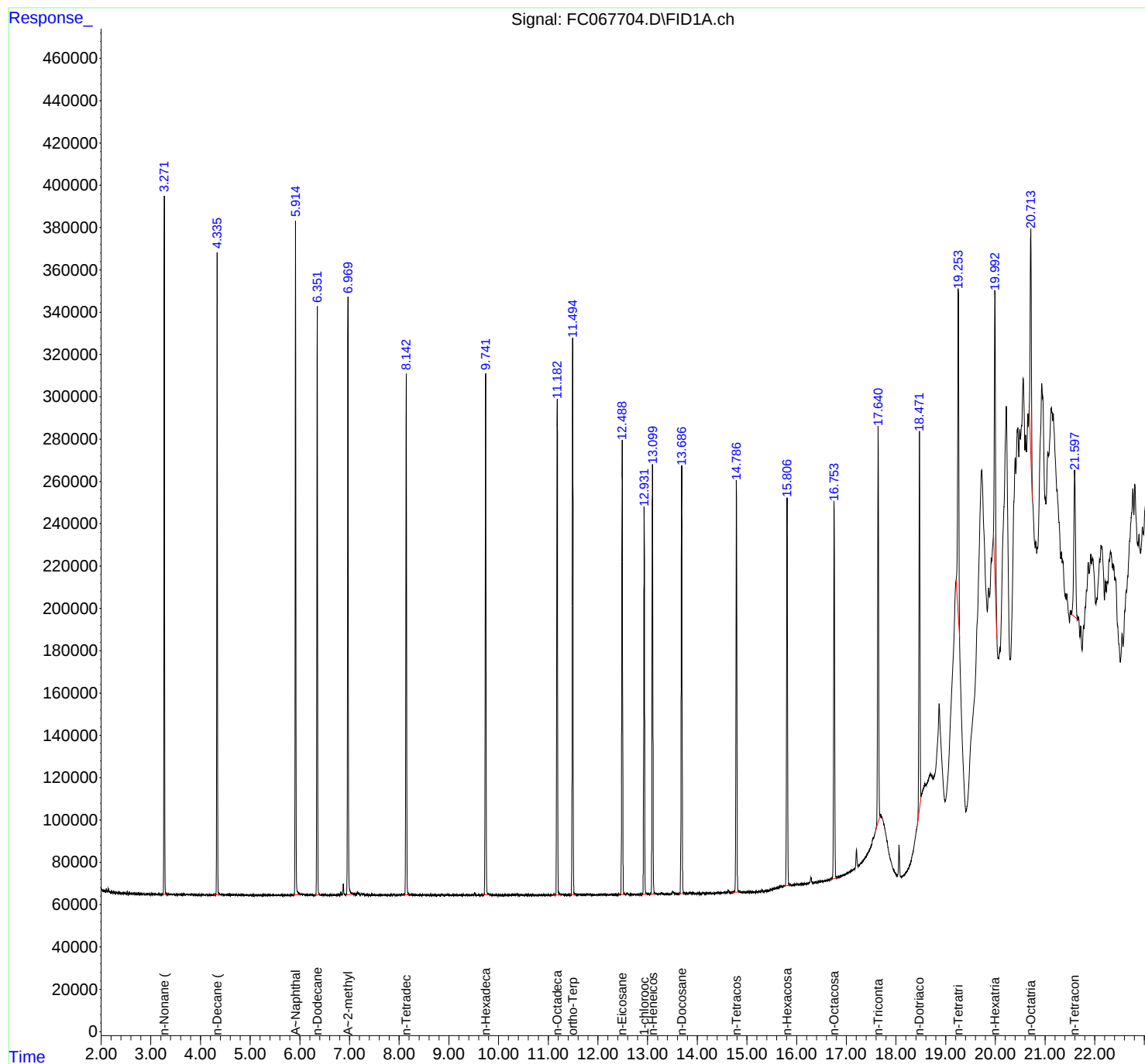
Instrument :
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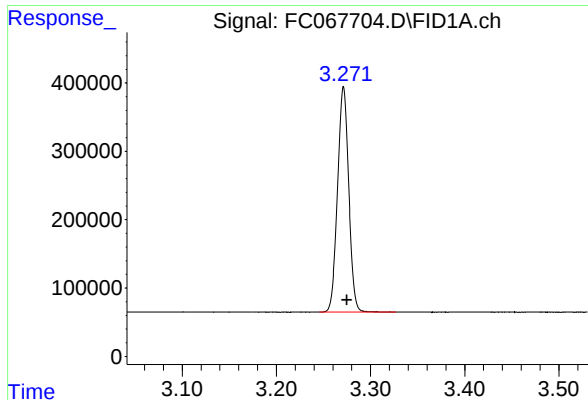
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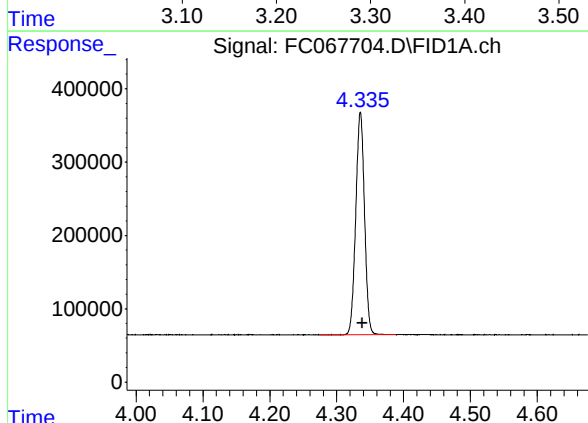
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2709834
Conc: 20.11 ug/ml

Instrument :
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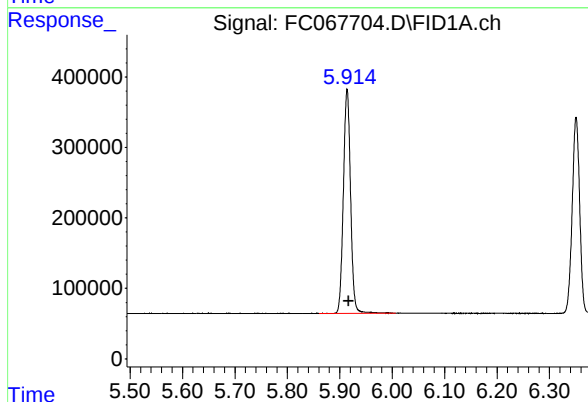
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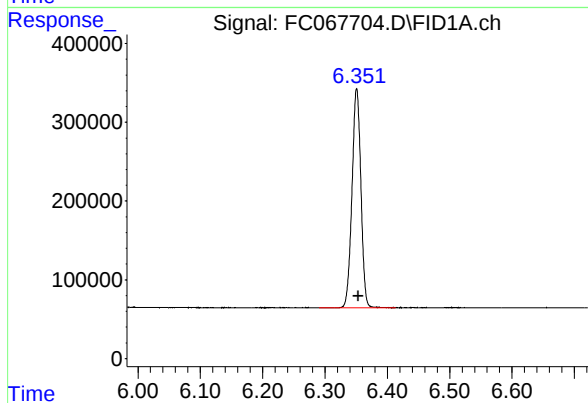
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.003 min
Response: 2759667
Conc: 20.26 ug/ml



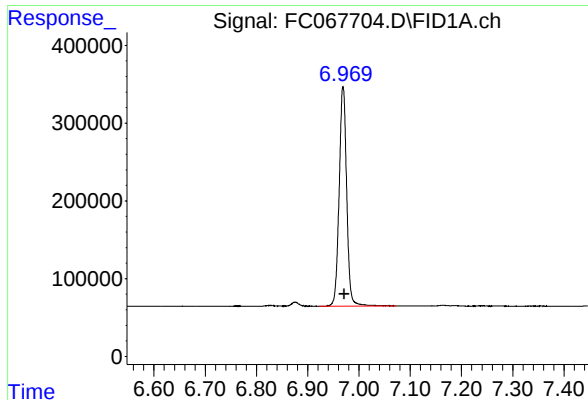
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 3017608
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 2752094
Conc: 20.32 ug/ml



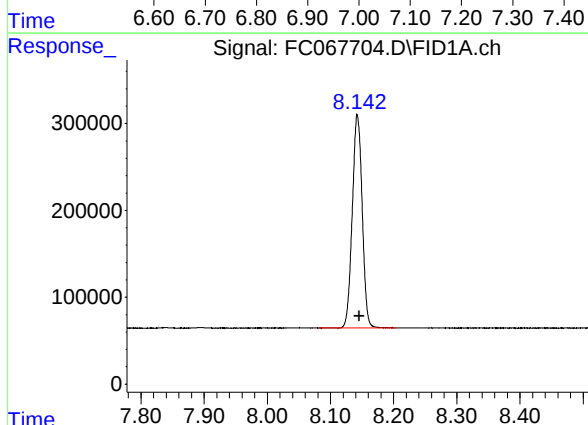
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.002 min
Response: 2875893
Conc: 20.36 ug/ml

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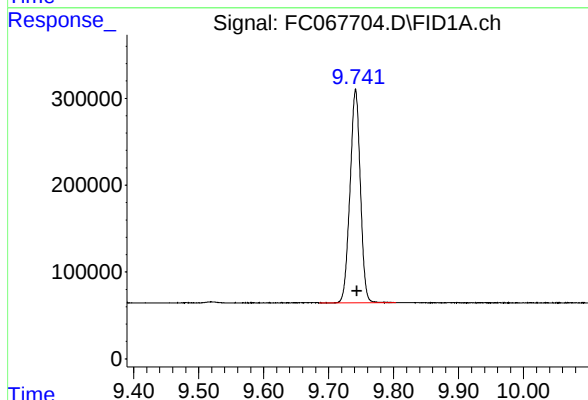
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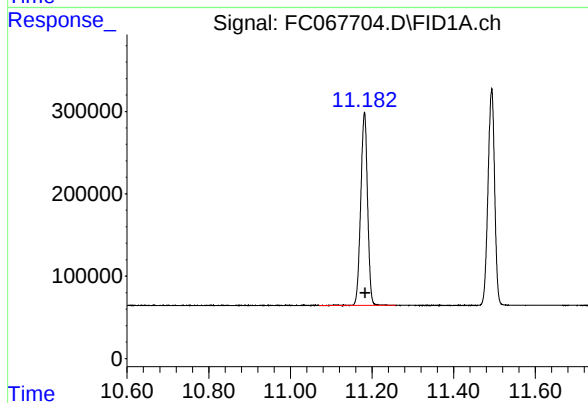
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 2677119
Conc: 20.40 ug/ml



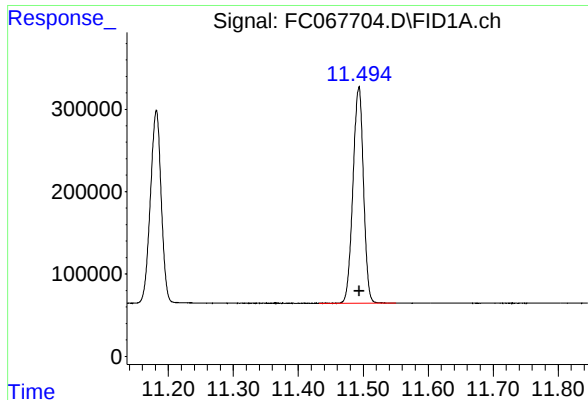
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.002 min
Response: 2709526
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: -0.002 min
Response: 2725488
Conc: 20.63 ug/ml



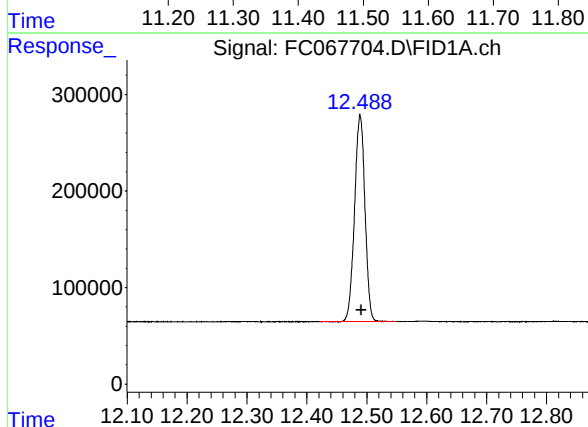
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: -0.001 min
Response: 2962726
Conc: 20.19 ug/ml

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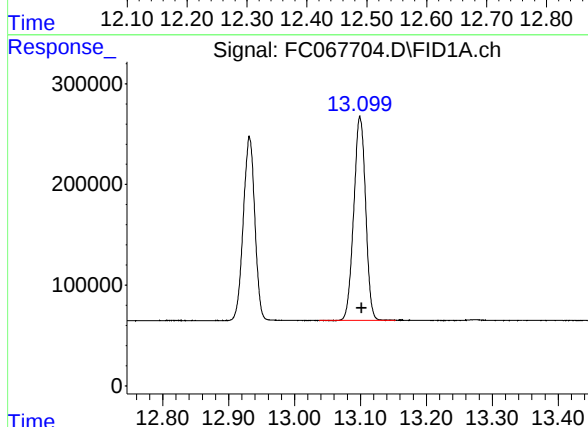
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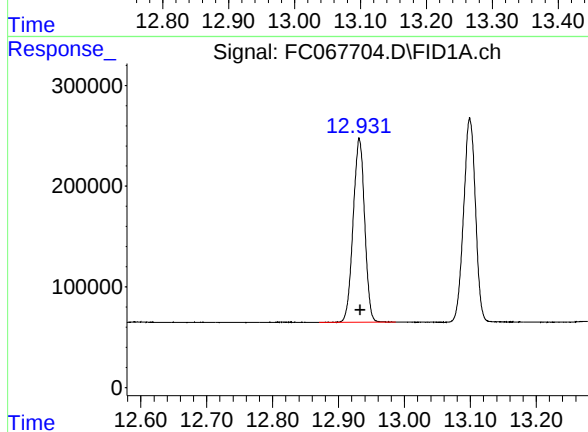
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.002 min
Response: 2580803
Conc: 20.45 ug/ml



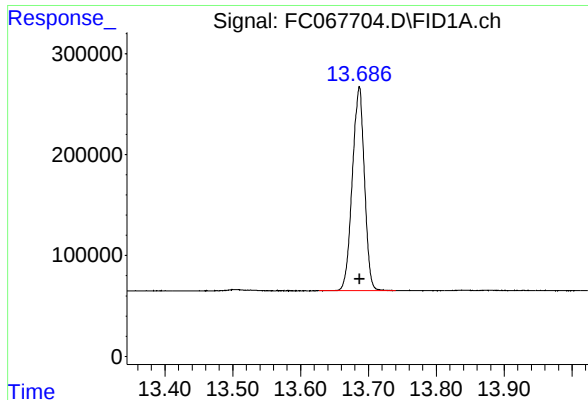
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.003 min
Response: 2528639
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: -0.001 min
Response: 2217378
Conc: 20.53 ug/ml



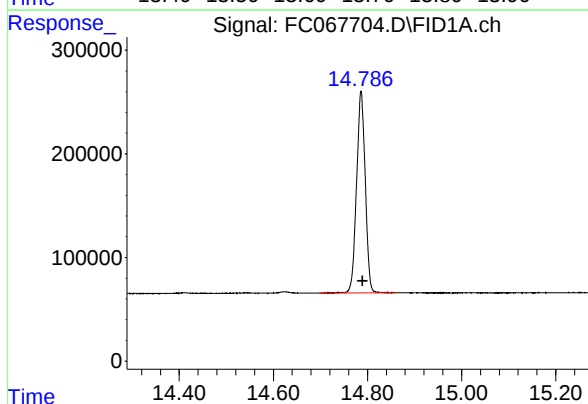
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: -0.001 min
Response: 2509597
Conc: 20.50 ug/ml

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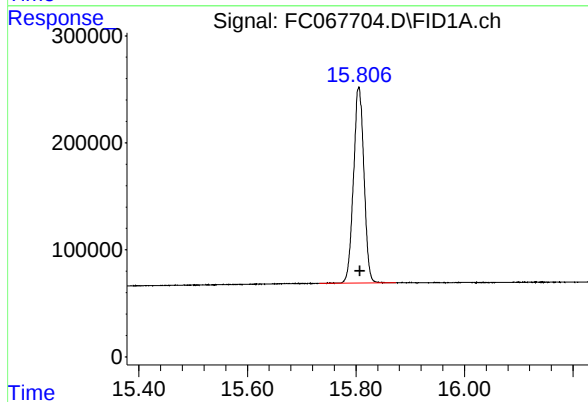
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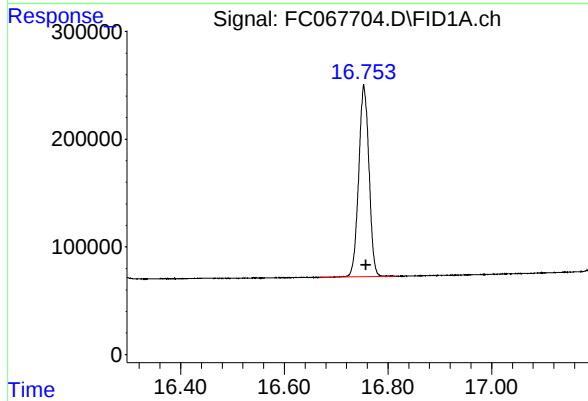
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.003 min
Response: 2495178
Conc: 20.59 ug/ml



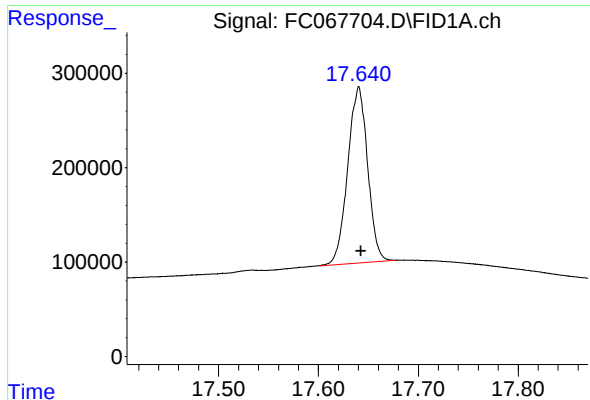
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: -0.002 min
Response: 2453686
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 2450535
Conc: 20.83 ug/ml



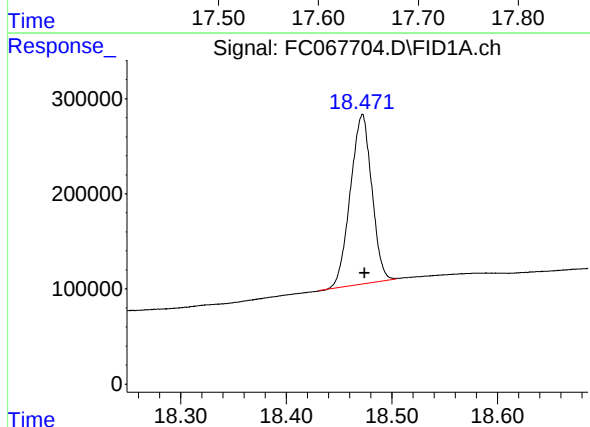
#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: -0.003 min
Response: 2587894
Conc: 21.41 ug/ml

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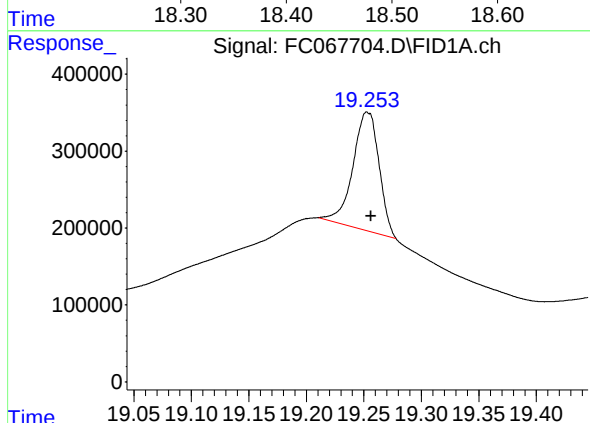
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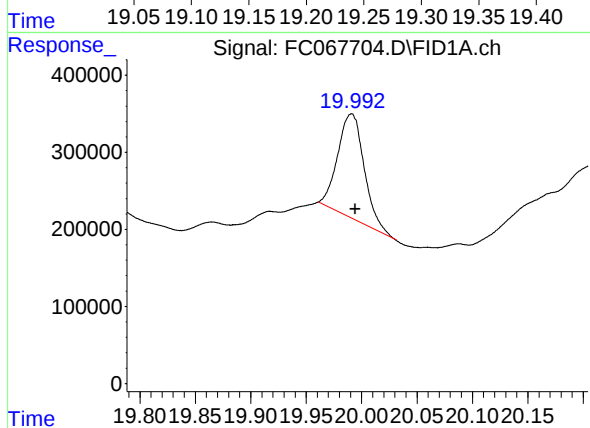
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.002 min
Response: 2517973
Conc: 21.28 ug/ml m



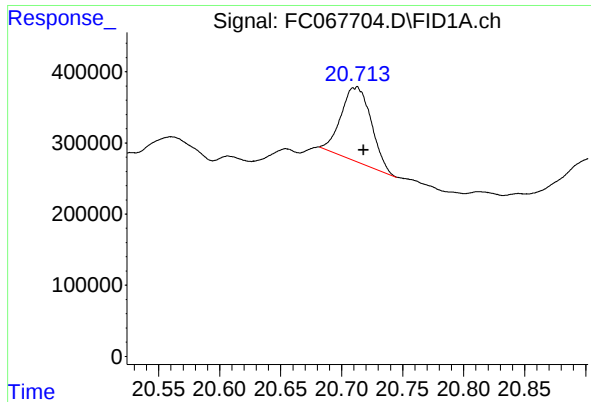
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.004 min
Response: 2431452
Conc: 23.22 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: -0.002 min
Response: 2234871
Conc: 24.55 ug/ml m



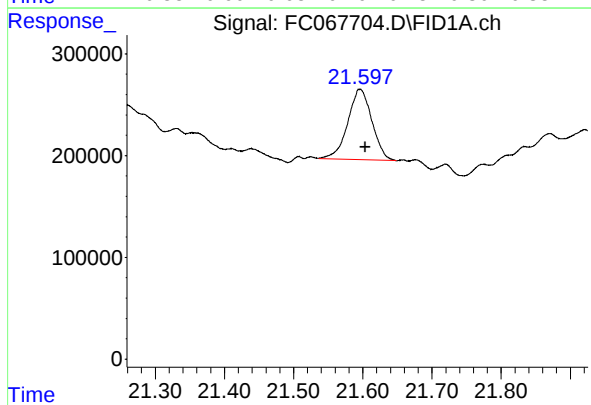
#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.005 min
Response: 1799206
Conc: 20.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.007 min
Response: 1675964
Conc: 19.71 ug/ml m