

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110724AL\
 Data File : FC067666.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2024 22:09
 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 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e
 Quant Time: Nov 08 01:07:49 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)	11.491	2974319	20.271 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	12.929	2234180	20.689 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
Target Compounds			
1) T n-Nonane (C9)	3.271	2763672	20.514 ug/ml
2) T n-Decane (C10)	4.335	2812074	20.640 ug/ml
3) T A~Naphthalene (C11.7)	5.913	3056372	20.625 ug/ml
4) T n-Dodecane (C12)	6.350	2801824	20.686 ug/ml
5) T A~2-methylnaphthalene...	6.968	2927765	20.732 ug/ml
6) T n-Tetradecane (C14)	8.142	2728142	20.784 ug/ml
7) T n-Hexadecane (C16)	9.740	2752720	20.838 ug/ml
8) T n-Octadecane (C18)	11.180	2743032	20.763 ug/ml
10) T n-Eicosane (C20)	12.487	2600353	20.609 ug/ml
11) T n-Heneicosane (C21)	13.098	2545253	20.624 ug/ml
13) T n-Docosane (C22)	13.683	2523166	20.606 ug/ml
14) T n-Tetracosane (C24)	14.784	2497861	20.608 ug/ml
15) T n-Hexacosane (C26)	15.804	2455745	20.627 ug/ml
16) T n-Octacosane (C28)	16.752	2424021	20.604 ug/ml
17) T n-Tricontane (C30)	17.637	2475521	20.481 ug/ml
18) T n-Dotriacontane (C32)	18.469	2415091	20.411 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2167698	20.698 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1895534	20.824 ug/mlm
21) T n-Octatriacontane (C38)	20.712	1822443	21.044 ug/ml
22) T n-Tetracontane (C40)	21.594	1757565	20.675 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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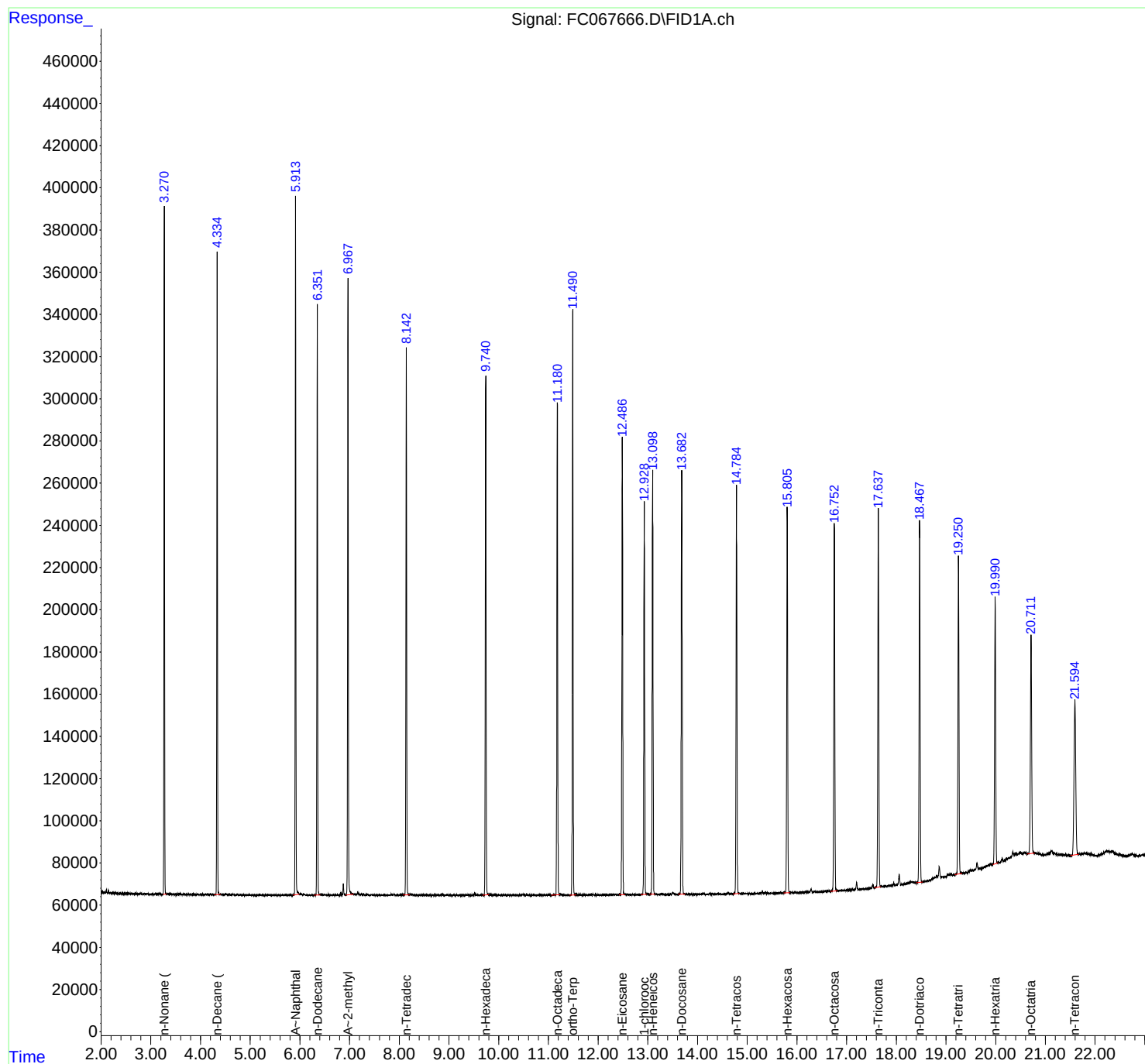
Instrument :
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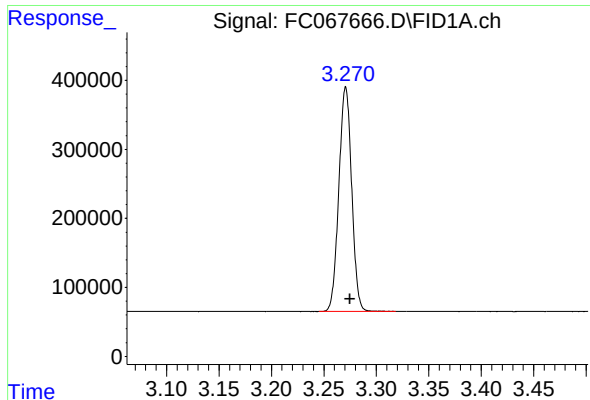
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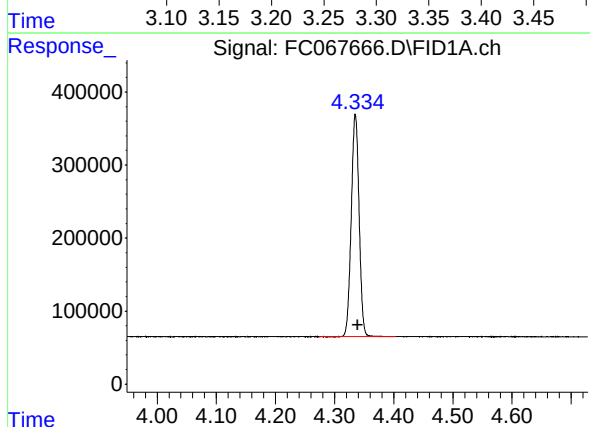
#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 2763672
Conc: 20.51 ug/ml

Instrument :
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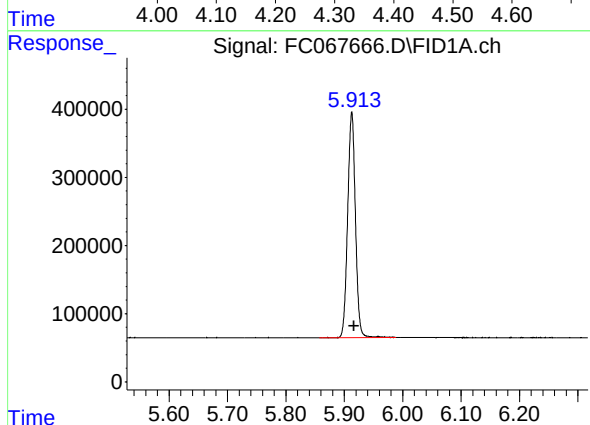
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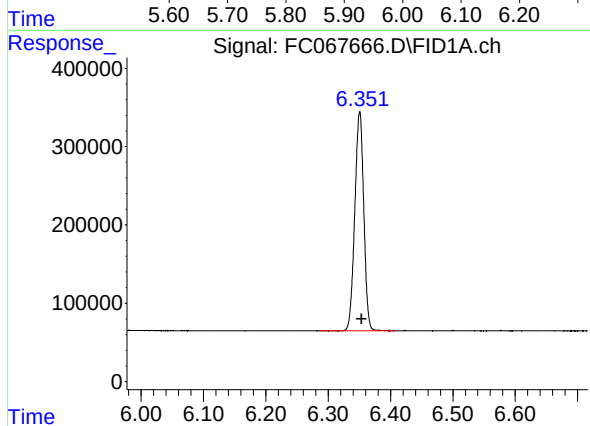
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 2812074
Conc: 20.64 ug/ml



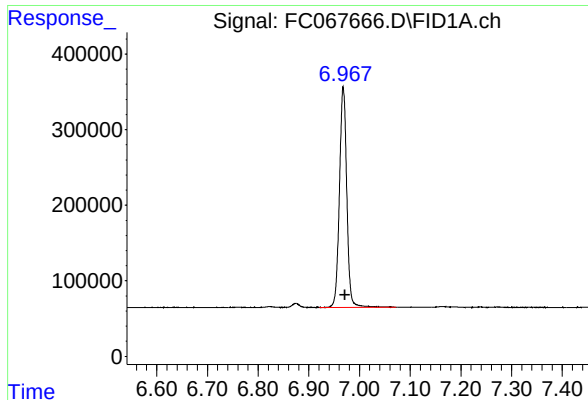
#3 A~Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.004 min
Response: 3056372
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 2801824
Conc: 20.69 ug/ml



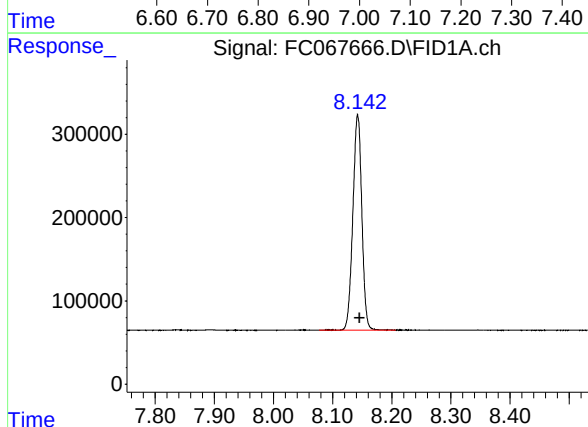
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 2927765
Conc: 20.73 ug/ml

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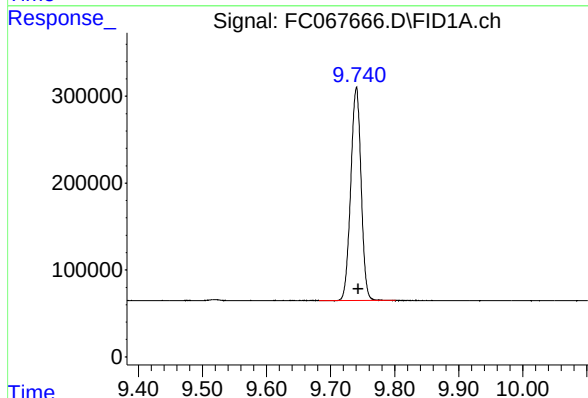
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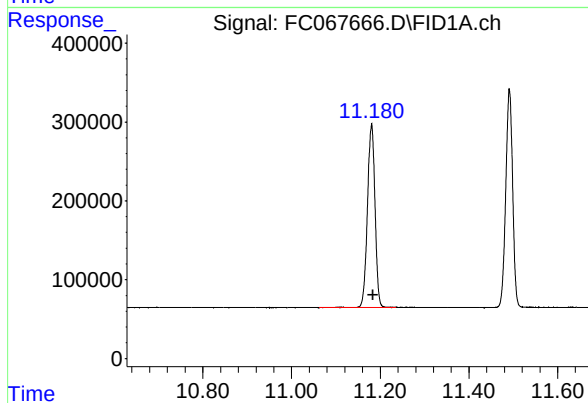
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.004 min
Response: 2728142
Conc: 20.78 ug/ml



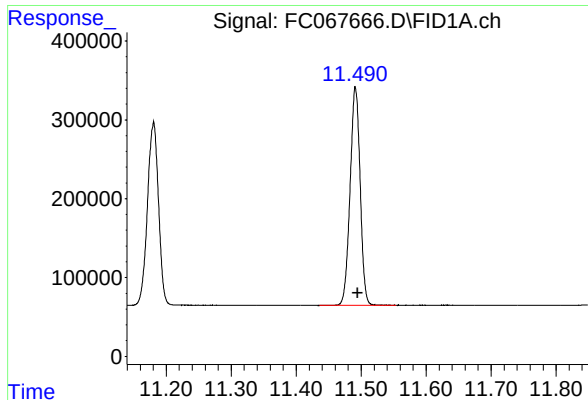
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 2752720
Conc: 20.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: -0.003 min
Response: 2743032
Conc: 20.76 ug/ml



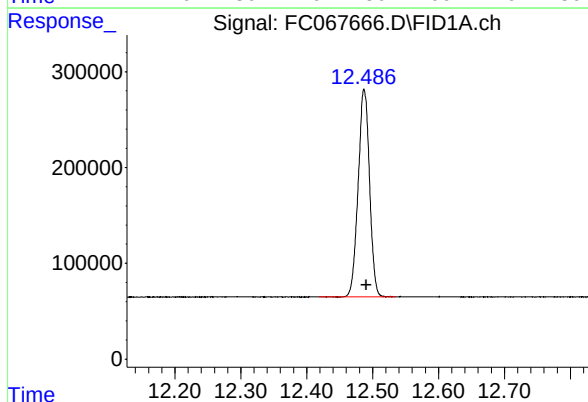
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 2974319
Conc: 20.27 ug/ml

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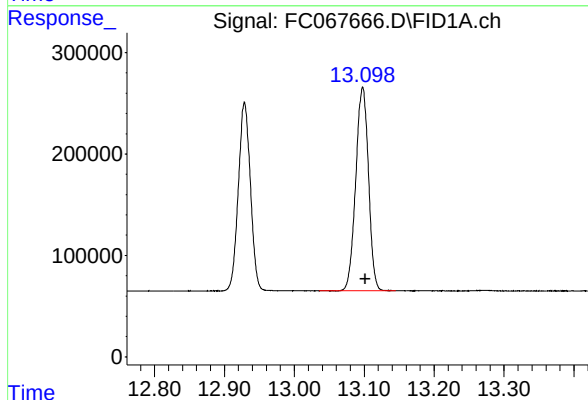
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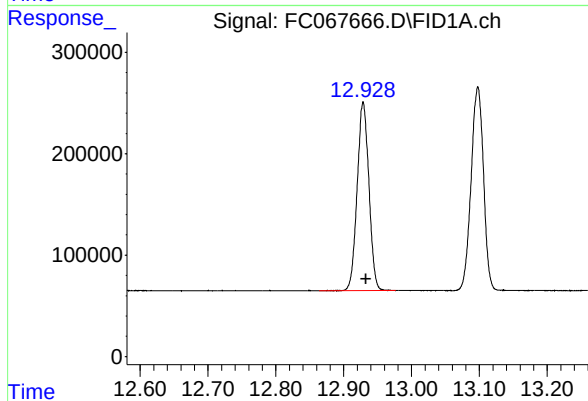
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 2600353
Conc: 20.61 ug/ml



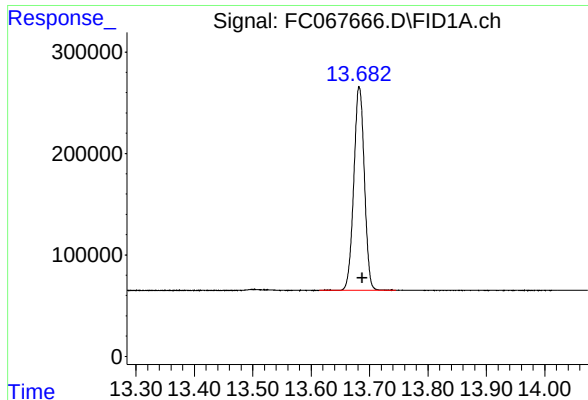
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.004 min
Response: 2545253
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: -0.004 min
Response: 2234180
Conc: 20.69 ug/ml



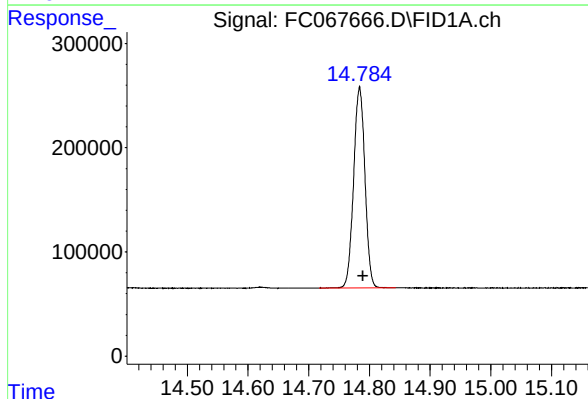
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: -0.005 min
Response: 2523166
Conc: 20.61 ug/ml

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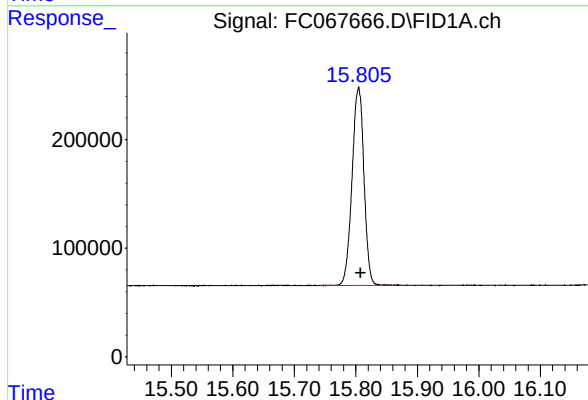
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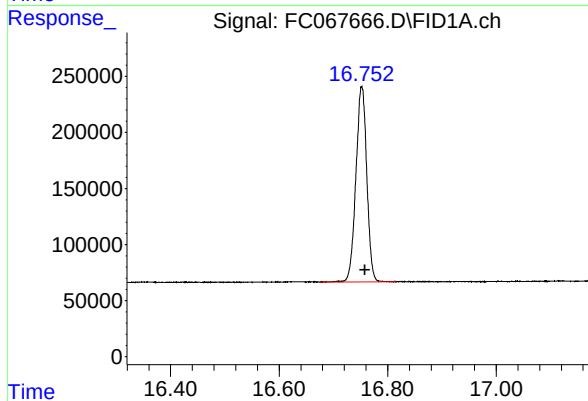
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: -0.006 min
Response: 2497861
Conc: 20.61 ug/ml



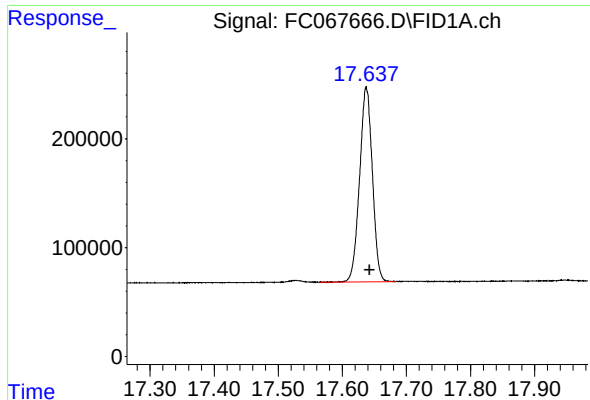
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.003 min
Response: 2455745
Conc: 20.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.752 min
Delta R.T.: -0.005 min
Response: 2424021
Conc: 20.60 ug/ml



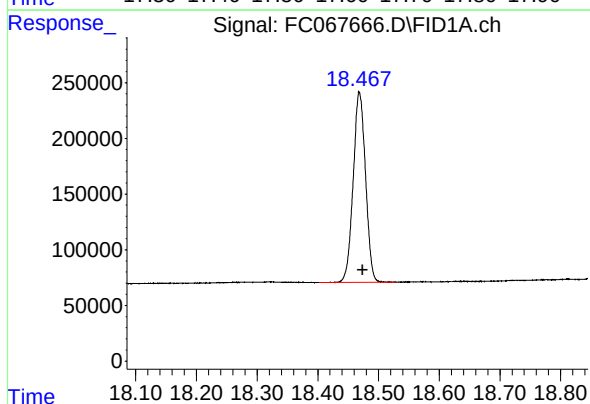
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.005 min
Response: 2475521
Conc: 20.48 ug/ml

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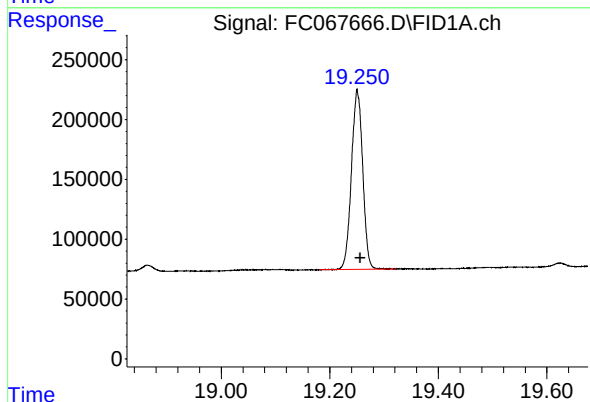
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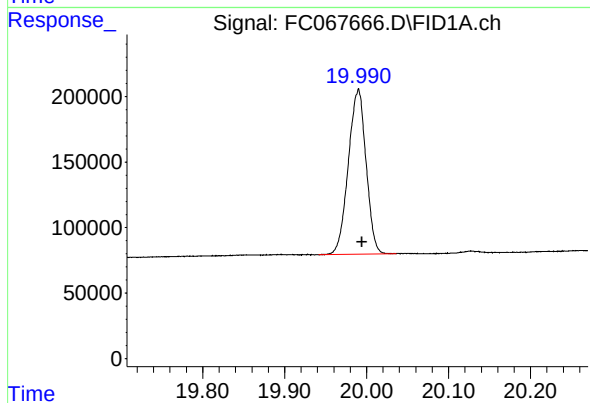
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.005 min
Response: 2415091
Conc: 20.41 ug/ml



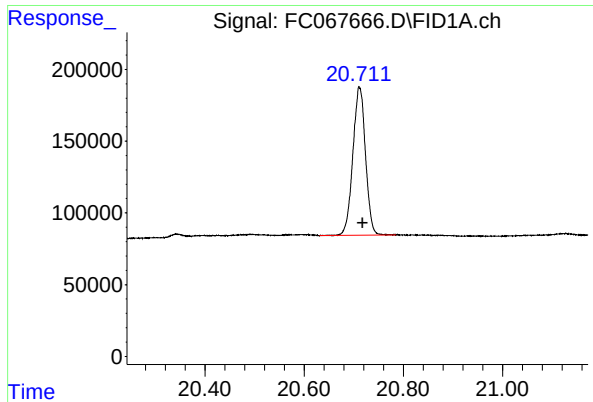
#19 n-Tetatriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.005 min
Response: 2167698
Conc: 20.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: -0.004 min
Response: 1895534
Conc: 20.82 ug/ml m



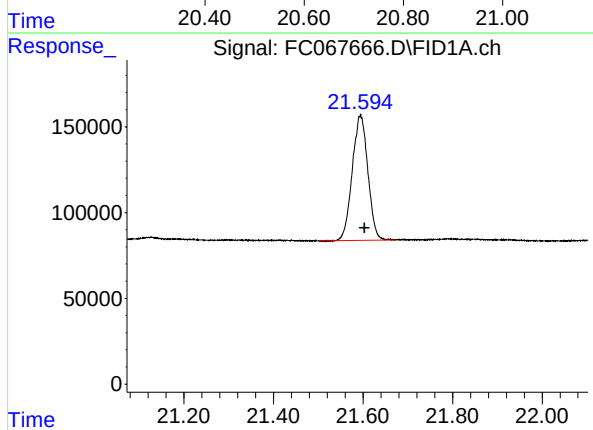
#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: -0.006 min
Response: 1822443
Conc: 21.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.009 min
Response: 1757565
Conc: 20.67 ug/ml