

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102524AL\
 Data File : FC067531.D
 Signal(s) : FID1A.ch
 Acq On : 25 Oct 2024 19:54
 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 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 00:48:43 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)	11.495	2935297	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	12.933	2180225	20.189 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.273	2697926	20.026 ug/ml
2) T n-Decane (C10)	4.338	2743988	20.140 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2986889	20.156 ug/ml
4) T n-Dodecane (C12)	6.353	2746715	20.280 ug/ml
5) T A~2-methylnaphthalene...	6.971	2845299	20.148 ug/ml
6) T n-Tetradecane (C14)	8.146	2669027	20.334 ug/ml
7) T n-Hexadecane (C16)	9.744	2691058	20.371 ug/ml
8) T n-Octadecane (C18)	11.184	2693665	20.389 ug/ml
10) T n-Eicosane (C20)	12.491	2559406	20.284 ug/ml
11) T n-Heneicosane (C21)	13.102	2500268	20.259 ug/ml
13) T n-Docosane (C22)	13.687	2479994	20.253 ug/ml
14) T n-Tetracosane (C24)	14.789	2458970	20.287 ug/ml
15) T n-Hexacosane (C26)	15.808	2429935	20.410 ug/ml
16) T n-Octacosane (C28)	16.756	2430244	20.657 ug/ml
17) T n-Tricontane (C30)	17.643	2568029	21.246 ug/ml
18) T n-Dotriacontane (C32)	18.472	2552781	21.575 ug/mlm
19) T n-Tetratriacontane (C34)	19.256	2274941	21.722 ug/ml
20) T n-Hexatriacontane (C36)	19.993	1939954	21.312 ug/mlm
21) T n-Octatriacontane (C38)	20.717	1969734	22.745 ug/ml
22) T n-Tetracontane (C40)	21.602	1784612	20.993 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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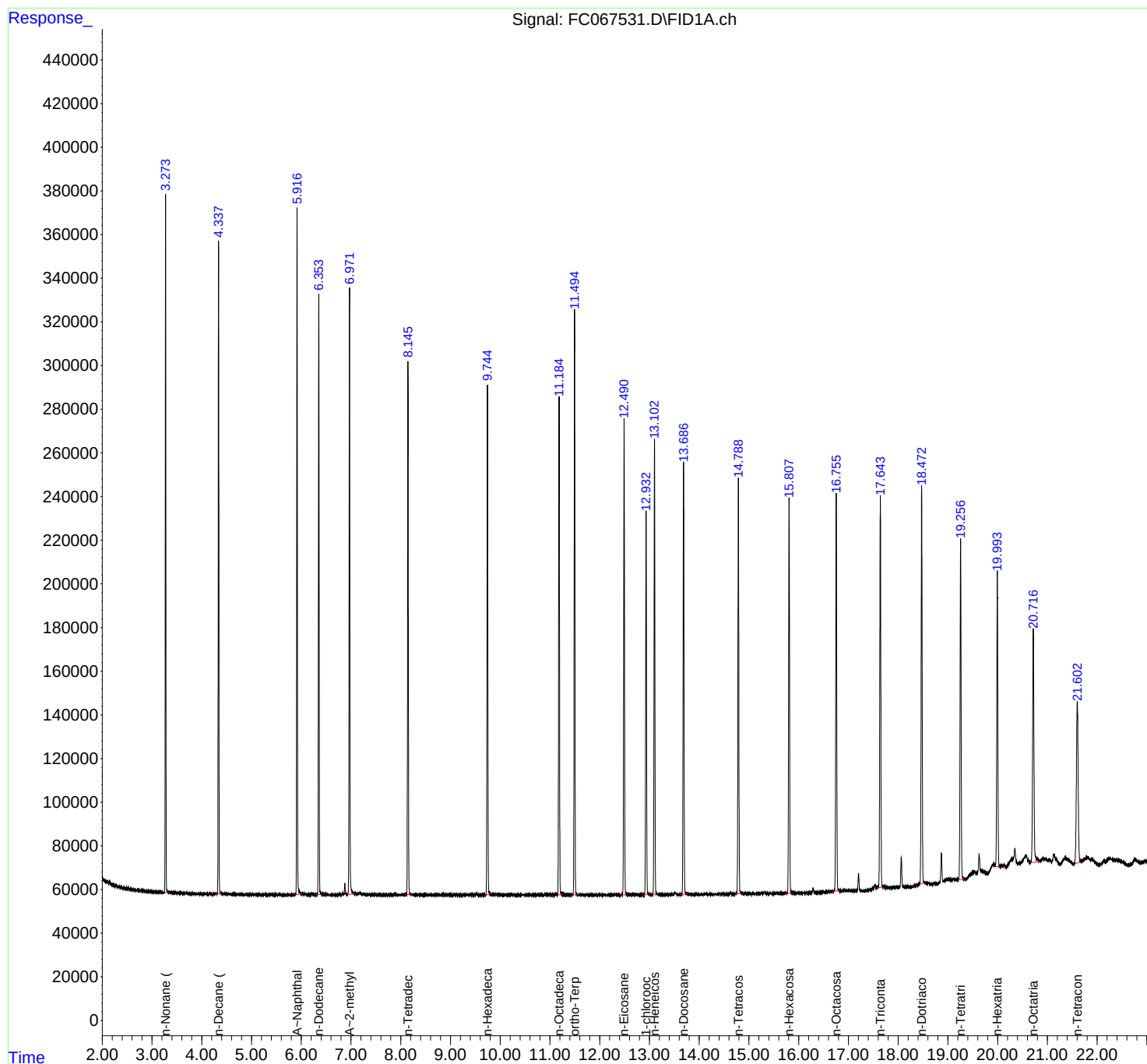
Instrument :
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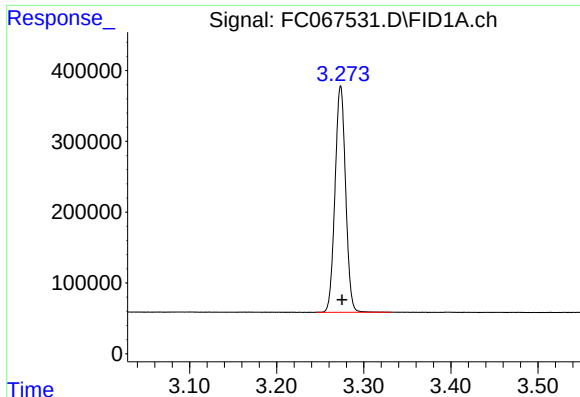
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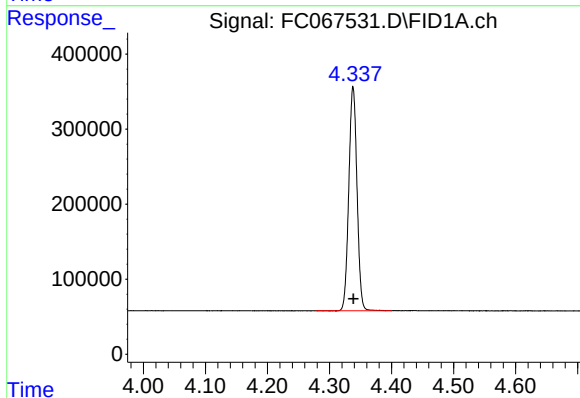
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 2697926
Conc: 20.03 ug/ml

Instrument :
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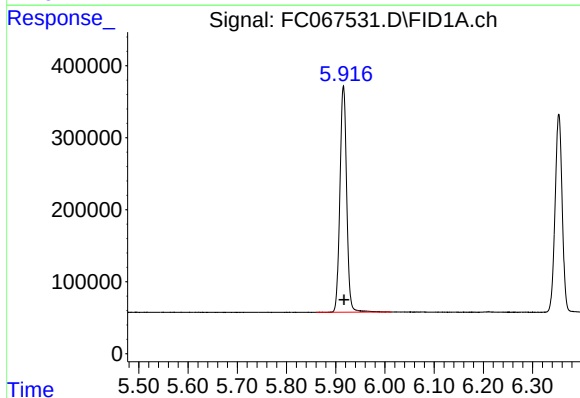
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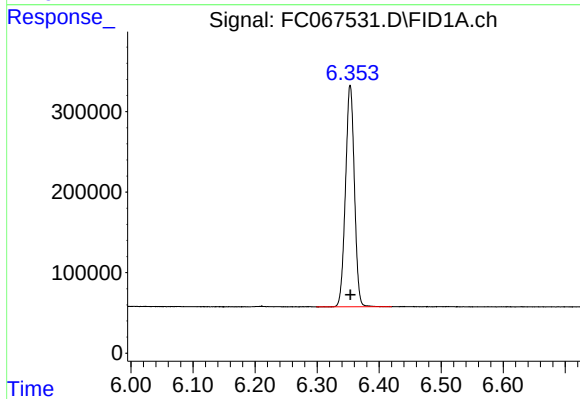
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 2743988
Conc: 20.14 ug/ml



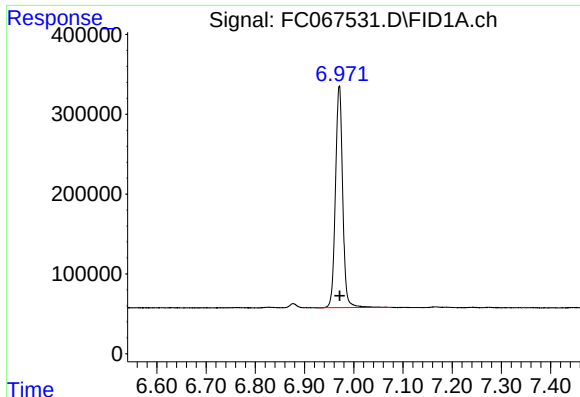
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: -0.001 min
Response: 2986889
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2746715
Conc: 20.28 ug/ml



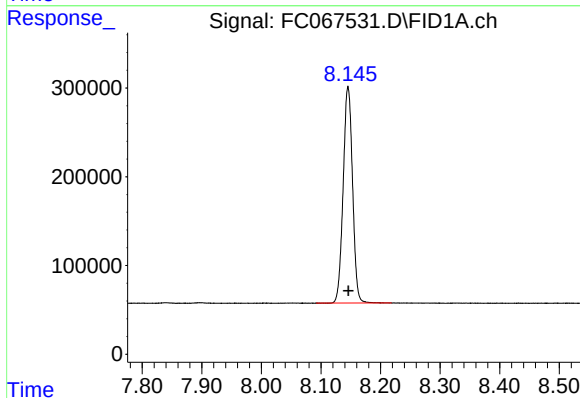
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 2845299
Conc: 20.15 ug/ml

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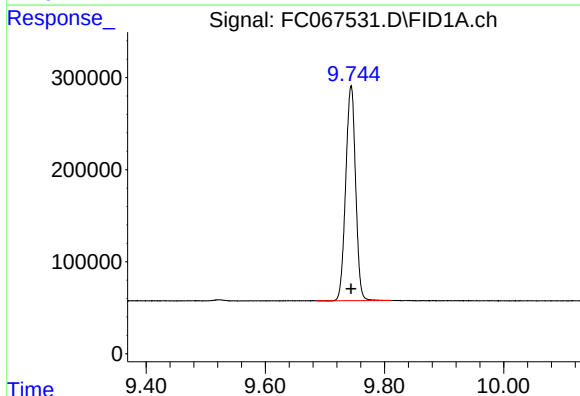
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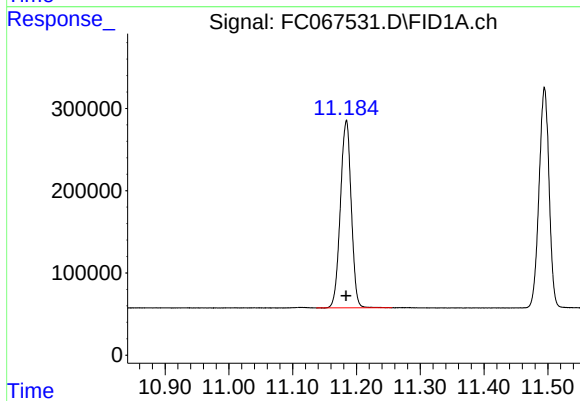
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2669027
Conc: 20.33 ug/ml



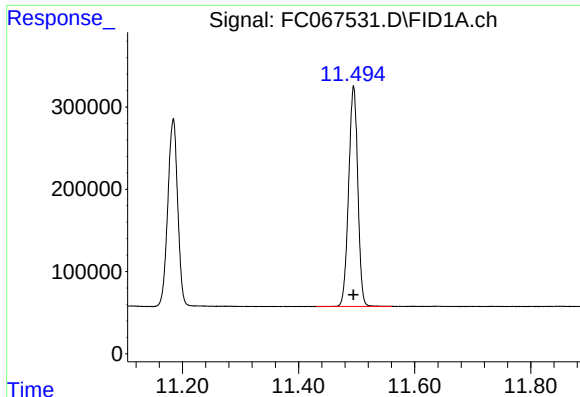
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 2691058
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: 0.000 min
Response: 2693665
Conc: 20.39 ug/ml



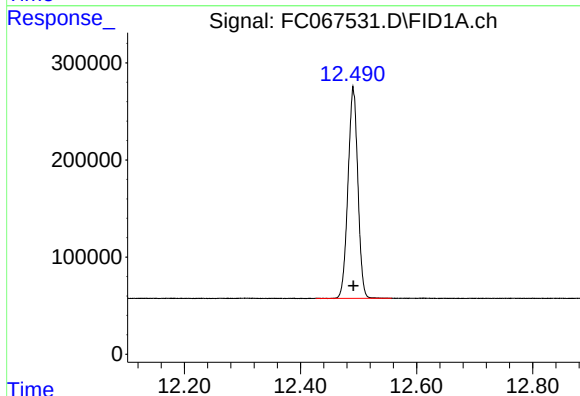
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.000 min
Response: 2935297
Conc: 20.00 ug/ml

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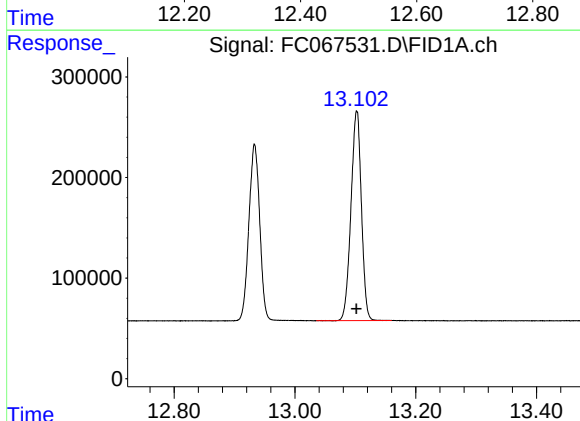
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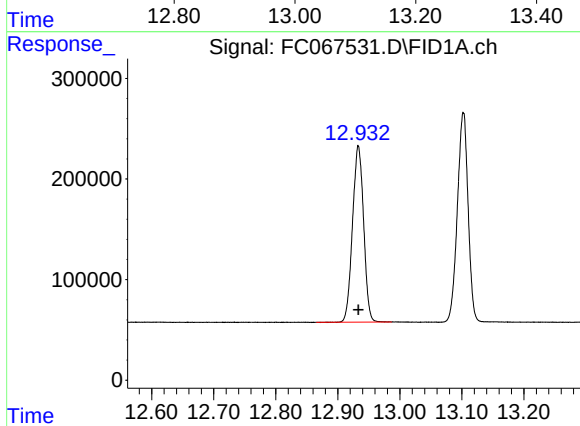
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 2559406
Conc: 20.28 ug/ml



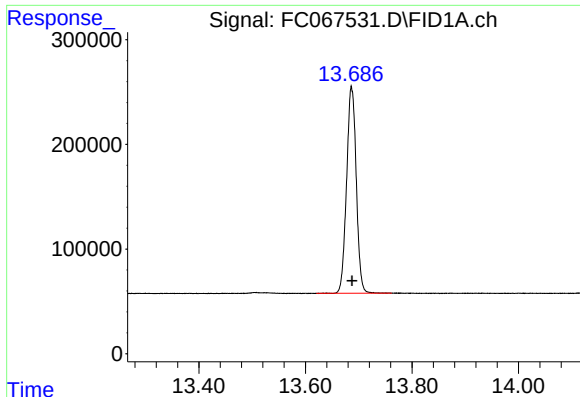
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 2500268
Conc: 20.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 2180225
Conc: 20.19 ug/ml



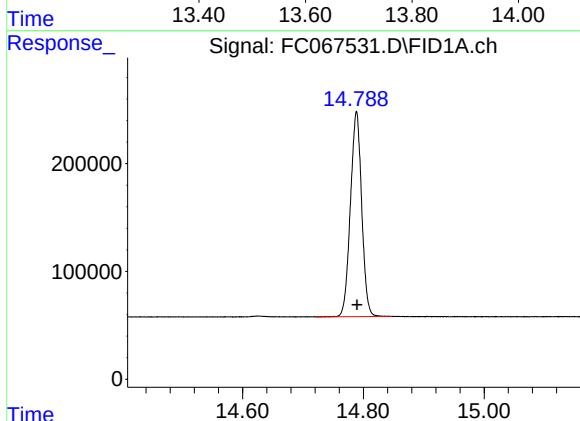
#13 n-Docosane (C22)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 2479994
Conc: 20.25 ug/ml

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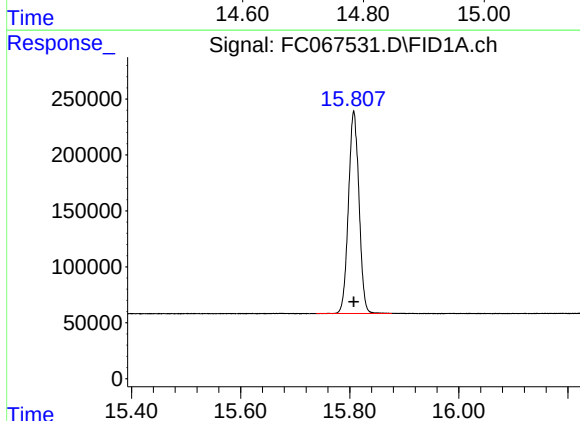
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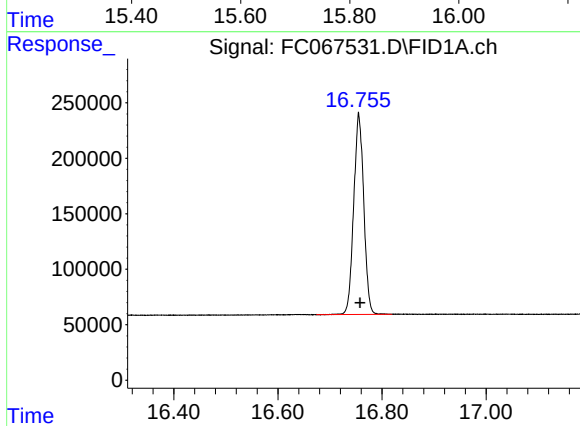
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.000 min
Response: 2458970
Conc: 20.29 ug/ml



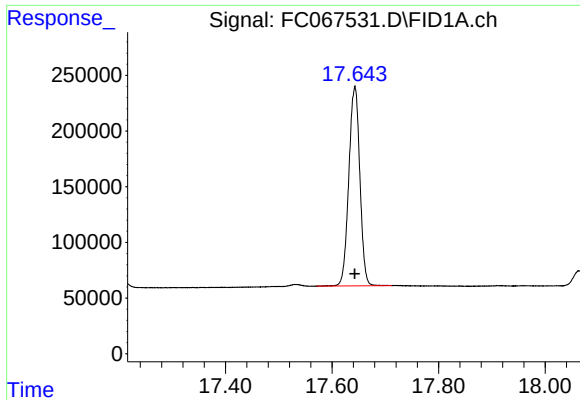
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 2429935
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.756 min
Delta R.T.: -0.002 min
Response: 2430244
Conc: 20.66 ug/ml



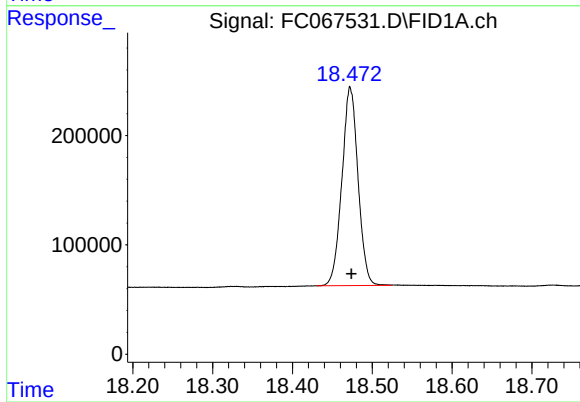
#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 2568029
Conc: 21.25 ug/ml

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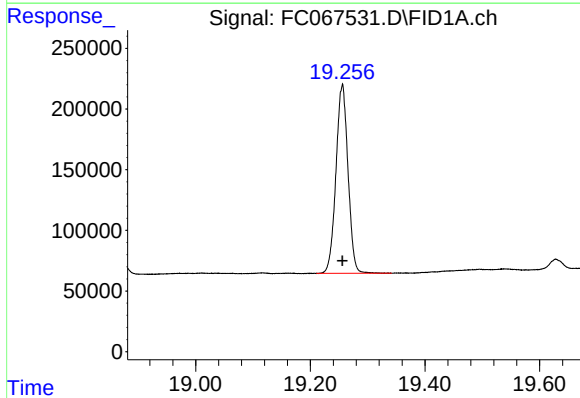
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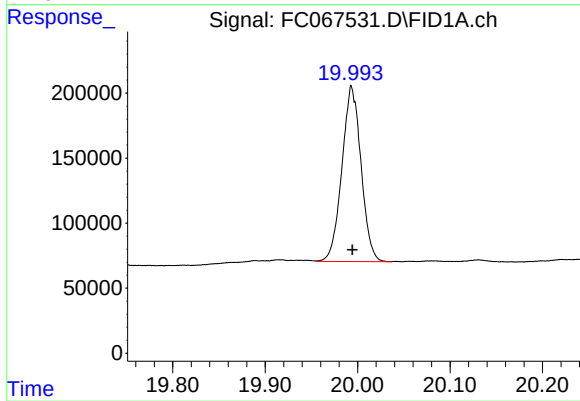
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.002 min
Response: 2552781
Conc: 21.58 ug/ml m



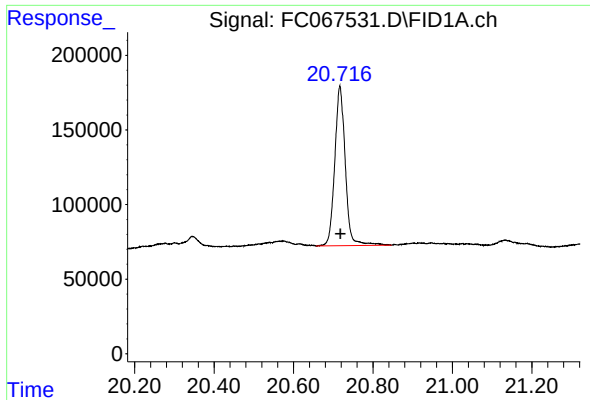
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.000 min
Response: 2274941
Conc: 21.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: -0.002 min
Response: 1939954
Conc: 21.31 ug/ml m



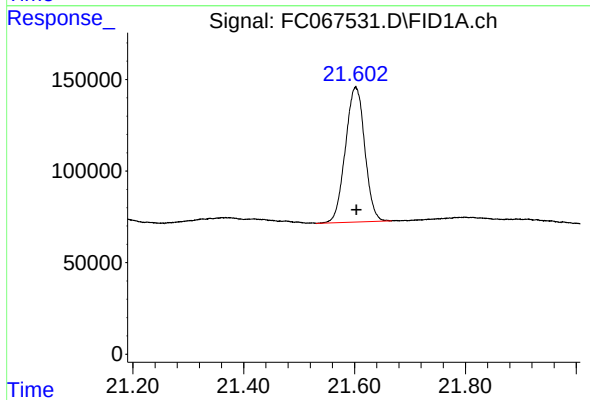
#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: -0.001 min
Response: 1969734
Conc: 22.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.001 min
Response: 1784612
Conc: 20.99 ug/ml m