

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068331.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 16:30
 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

Integration File: autoint1.e
 Quant Time: Mar 05 05:24:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 05 03:08:52 2025
 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)	11.396	3041324	19.820 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	12.838	2216283	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.204	2855933	20.301 ug/ml
2) T n-Decane (C10)	4.261	2888976	20.392 ug/ml
3) T A~Naphthalene (C11.7)	5.827	3101671	20.268 ug/ml
4) T n-Dodecane (C12)	6.269	2850867	20.254 ug/ml
5) T A~2-methylnaphthalene...	6.879	2932380	20.247 ug/ml
6) T n-Tetradecane (C14)	8.057	2744536	20.130 ug/ml
7) T n-Hexadecane (C16)	9.653	2771006	20.231 ug/ml
8) T n-Octadecane (C18)	11.091	2755090	20.146 ug/ml
10) T n-Eicosane (C20)	12.397	2614343	20.066 ug/ml
11) T n-Heneicosane (C21)	13.008	2562525	20.044 ug/ml
13) T n-Docosane (C22)	13.592	2525576	20.040 ug/ml
14) T n-Tetracosane (C24)	14.693	2501354	20.111 ug/ml
15) T n-Hexacosane (C26)	15.713	2460872	20.239 ug/ml
16) T n-Octacosane (C28)	16.661	2447431	20.607 ug/ml
17) T n-Tricontane (C30)	17.548	2580185	21.436 ug/ml
18) T n-Dotriacontane (C32)	18.378	2550561	21.975 ug/ml
19) T n-Tetratriacontane (C34)	19.161	2278466	21.085 ug/ml
20) T n-Hexatriacontane (C36)	19.900	1969700	20.482 ug/ml
21) T n-Octatriacontane (C38)	20.612	1843490	20.507 ug/ml
22) T n-Tetracontane (C40)	21.464	1749009	20.215 ug/ml

(f)=RT Delta > 1/2 Window

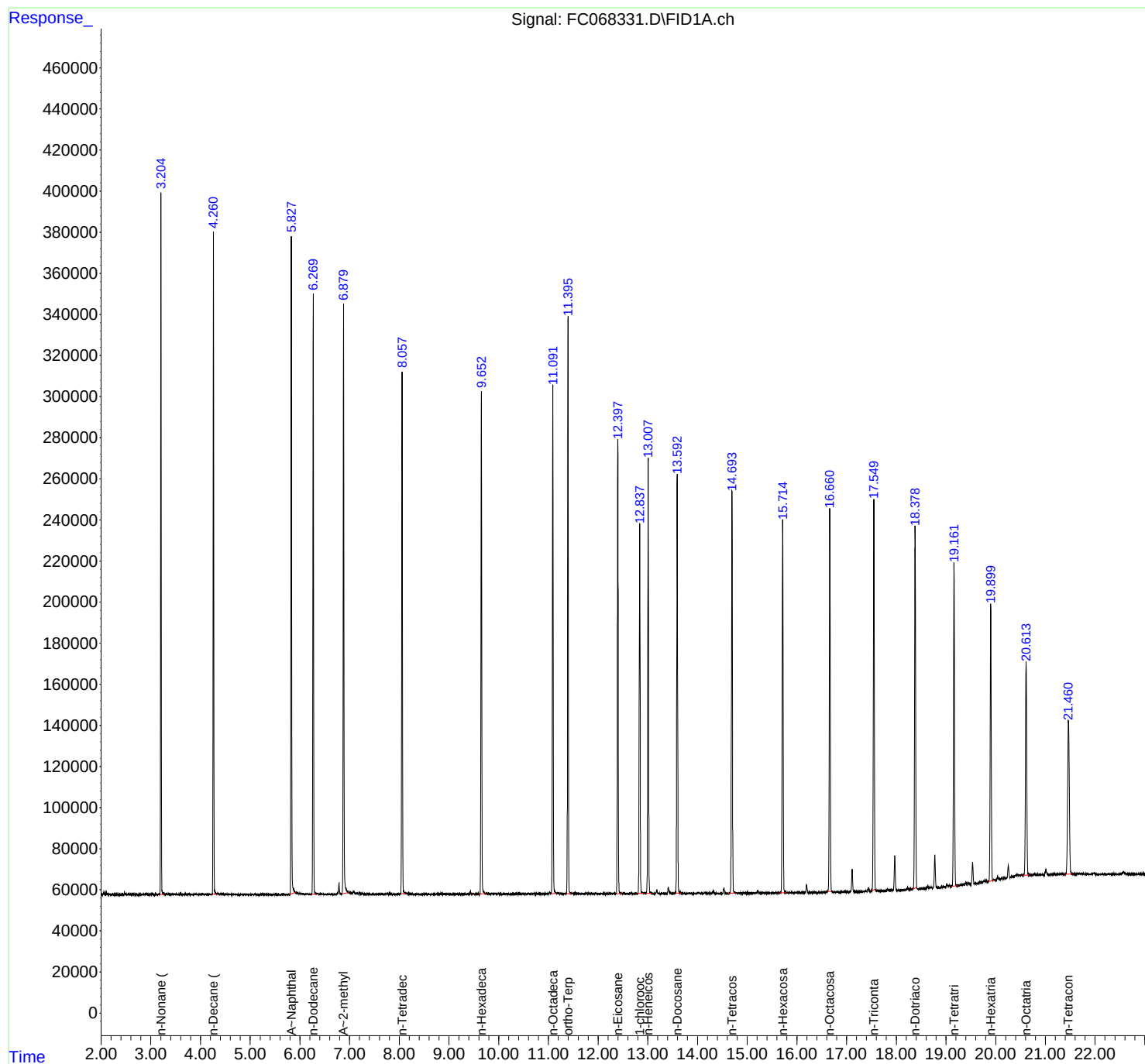
(m)=manual int.

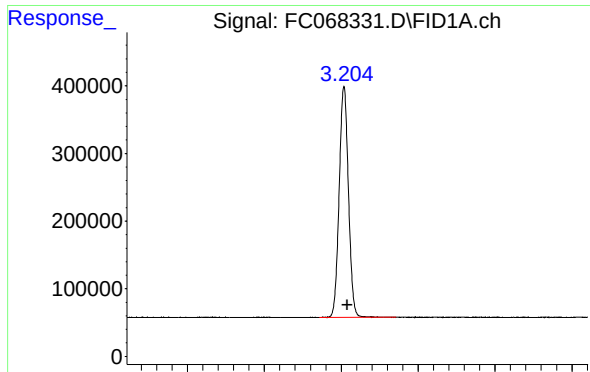
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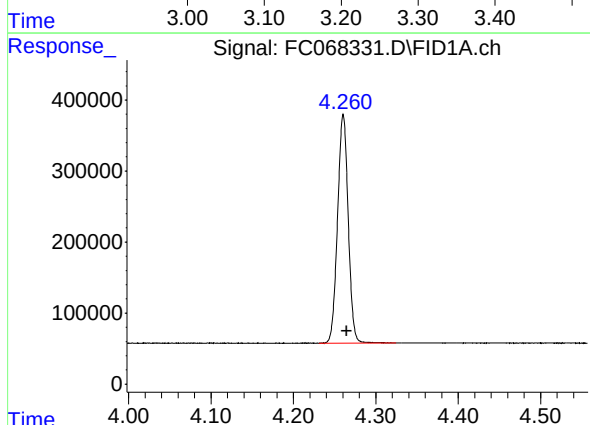




#1 n-Nonane (C9)

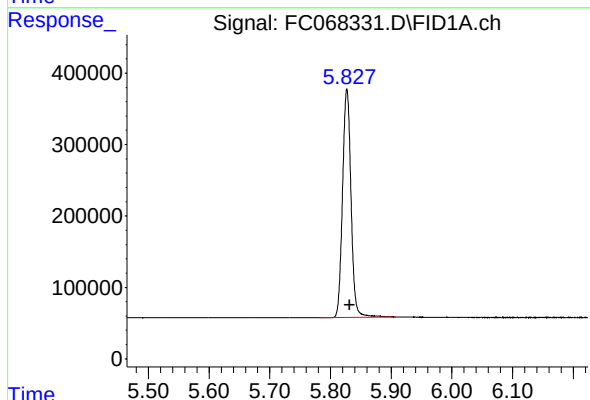
R.T.: 3.204 min
Delta R.T.: -0.004 min
Response: 2855933
Conc: 20.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



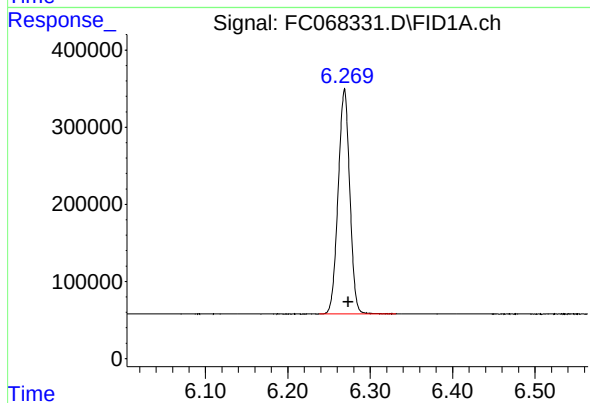
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.004 min
Response: 2888976
Conc: 20.39 ug/ml



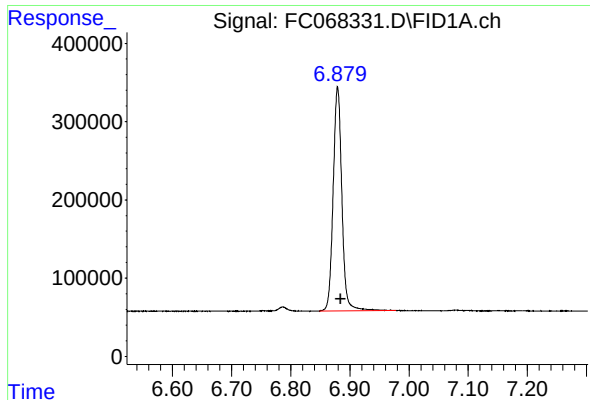
#3 A~Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: -0.004 min
Response: 3101671
Conc: 20.27 ug/ml



#4 n-Dodecane (C12)

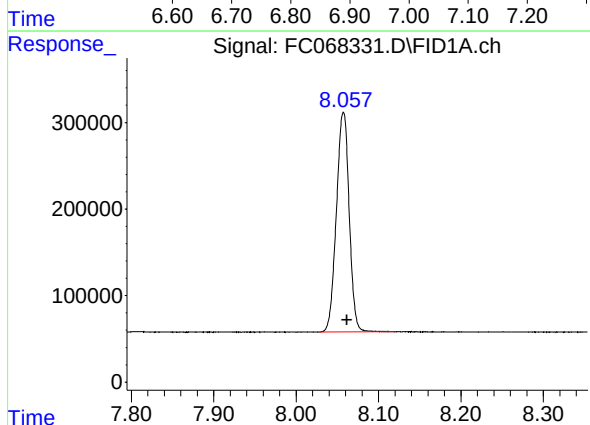
R.T.: 6.269 min
Delta R.T.: -0.005 min
Response: 2850867
Conc: 20.25 ug/ml



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

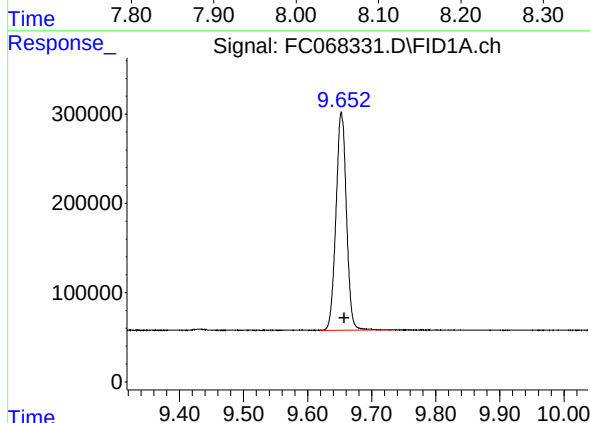
R.T.: 6.879 min
Delta R.T.: -0.005 min
Response: 2932380
Conc: 20.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



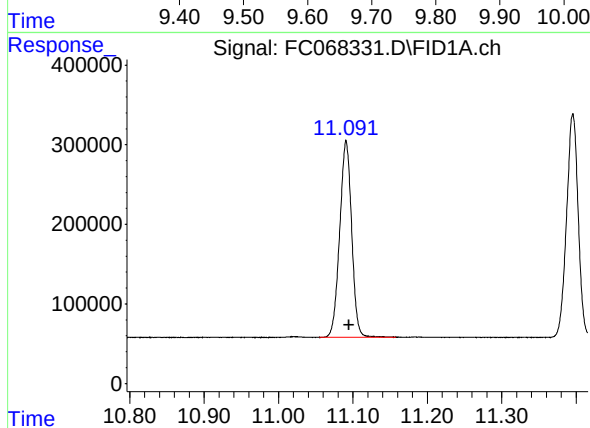
#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: -0.004 min
Response: 2744536
Conc: 20.13 ug/ml



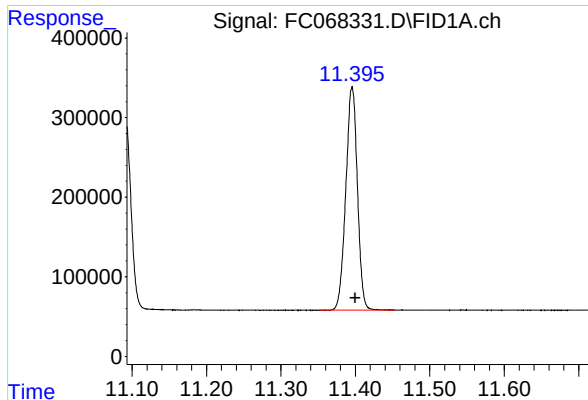
#7 n-Hexadecane (C16)

R.T.: 9.653 min
Delta R.T.: -0.004 min
Response: 2771006
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

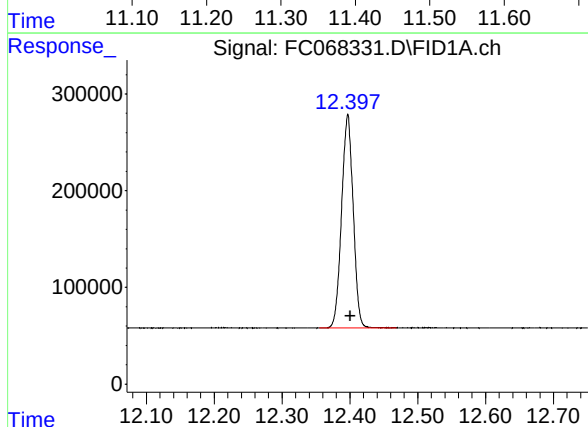
R.T.: 11.091 min
Delta R.T.: -0.004 min
Response: 2755090
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

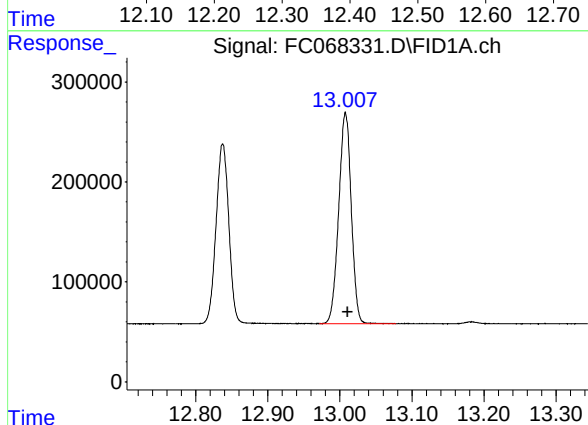
R.T.: 11.396 min
Delta R.T.: -0.004 min
Response: 3041324
Conc: 19.82 ug/ml

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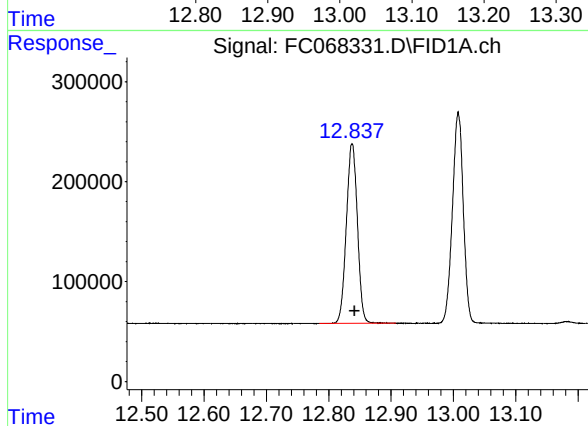
#10 n-Eicosane (C20)

R.T.: 12.397 min
Delta R.T.: -0.004 min
Response: 2614343
Conc: 20.07 ug/ml



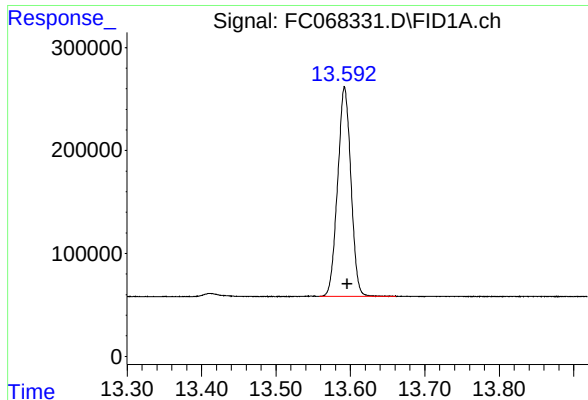
#11 n-Heneicosane (C21)

R.T.: 13.008 min
Delta R.T.: -0.003 min
Response: 2562525
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

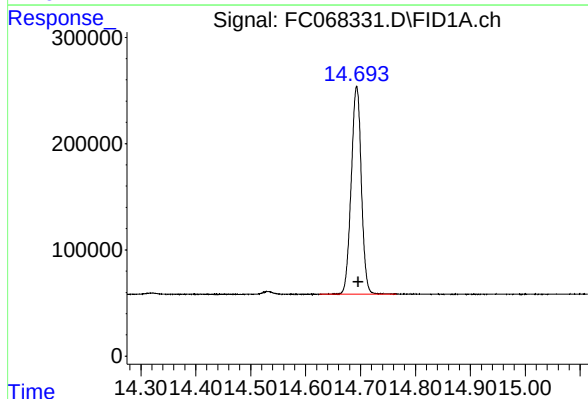
R.T.: 12.838 min
Delta R.T.: -0.004 min
Response: 2216283
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

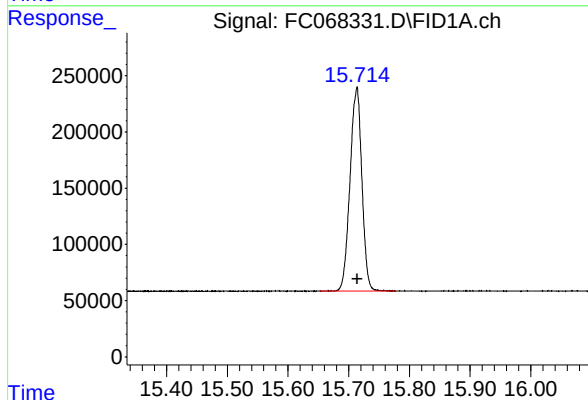
R.T.: 13.592 min
Delta R.T.: -0.004 min
Response: 2525576
Conc: 20.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



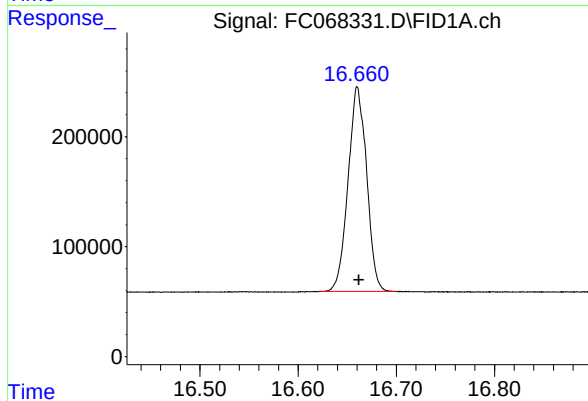
#14 n-Tetracosane (C24)

R.T.: 14.693 min
Delta R.T.: -0.003 min
Response: 2501354
Conc: 20.11 ug/ml



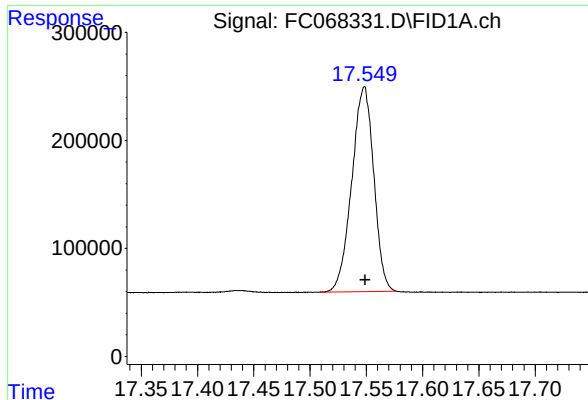
#15 n-Hexacosane (C26)

R.T.: 15.713 min
Delta R.T.: 0.000 min
Response: 2460872
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

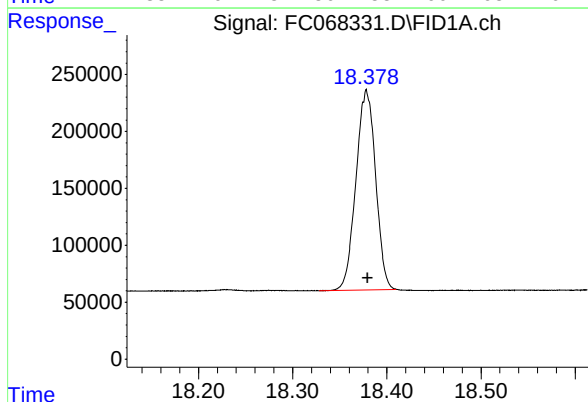
R.T.: 16.661 min
Delta R.T.: -0.001 min
Response: 2447431
Conc: 20.61 ug/ml



#17 n-Tricontane (C30)

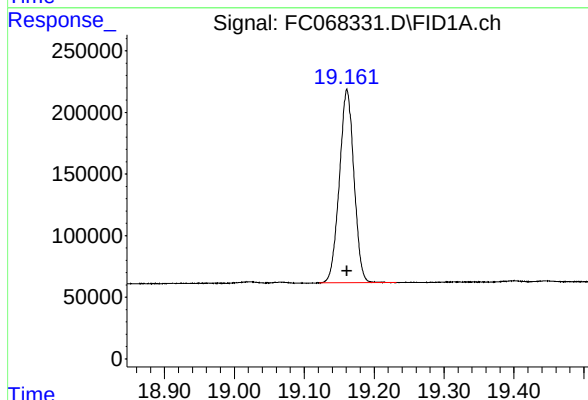
R.T.: 17.548 min
Delta R.T.: -0.001 min
Response: 2580185
Conc: 21.44 ug/ml

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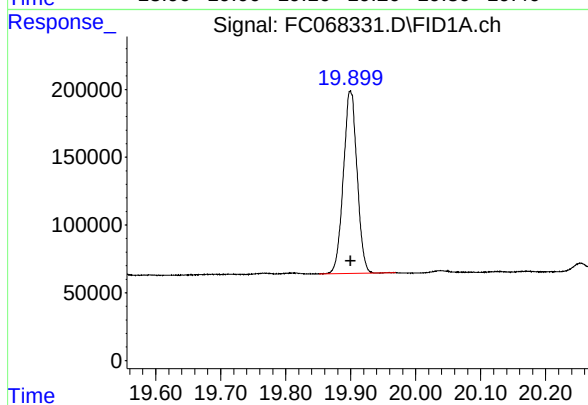
#18 n-Dotriacontane (C32)

R.T.: 18.378 min
Delta R.T.: -0.001 min
Response: 2550561
Conc: 21.97 ug/ml



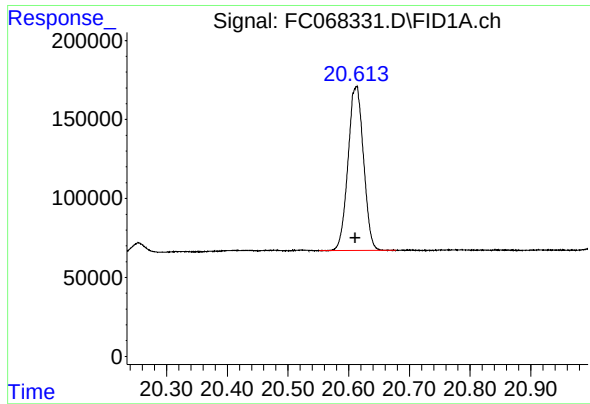
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 2278466
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

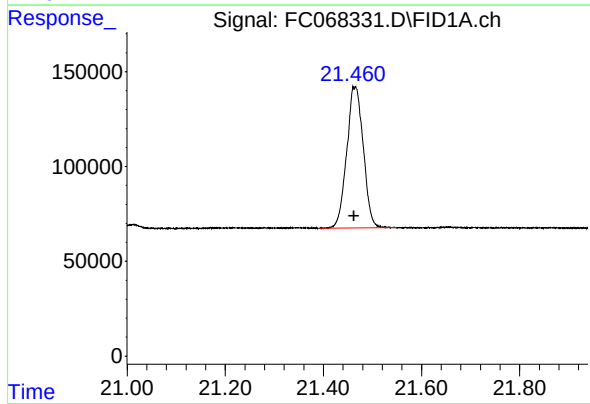
R.T.: 19.900 min
Delta R.T.: 0.000 min
Response: 1969700
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: 0.000 min
Response: 1843490
Conc: 20.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: 0.002 min
Response: 1749009
Conc: 20.21 ug/ml