

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022825AL\
 Data File : FC068341.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2025 23:50
 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 05:26:03 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)	11.395	3019061	19.675 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	12.838	2213113	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T n-Nonane (C9)	3.204	2821805	20.059 ug/ml
2) T n-Decane (C10)	4.261	2860924	20.194 ug/ml
3) T A~Naphthalene (C11.7)	5.827	3080505	20.130 ug/ml
4) T n-Dodecane (C12)	6.268	2826957	20.084 ug/ml
5) T A~2-methylnaphthalene...	6.879	2905424	20.061 ug/ml
6) T n-Tetradecane (C14)	8.057	2729025	20.016 ug/ml
7) T n-Hexadecane (C16)	9.652	2752162	20.094 ug/ml
8) T n-Octadecane (C18)	11.091	2750082	20.109 ug/ml
10) T n-Eicosane (C20)	12.397	2613618	20.061 ug/ml
11) T n-Heneicosane (C21)	13.008	2552338	19.964 ug/ml
13) T n-Docosane (C22)	13.592	2514482	19.952 ug/ml
14) T n-Tetracosane (C24)	14.694	2489195	20.013 ug/ml
15) T n-Hexacosane (C26)	15.712	2451970	20.165 ug/ml
16) T n-Octacosane (C28)	16.661	2449009	20.620 ug/ml
17) T n-Tricontane (C30)	17.548	2590876	21.525 ug/ml
18) T n-Dotriacontane (C32)	18.379	2561161	22.066 ug/ml
19) T n-Tetratriacontane (C34)	19.162	2275964	21.062 ug/ml
20) T n-Hexatriacontane (C36)	19.901	1942697	20.201 ug/ml
21) T n-Octatriacontane (C38)	20.612	1869920	20.801 ug/ml
22) T n-Tetracontane (C40)	21.464	1933632	22.349 ug/ml

(f)=RT Delta > 1/2 Window

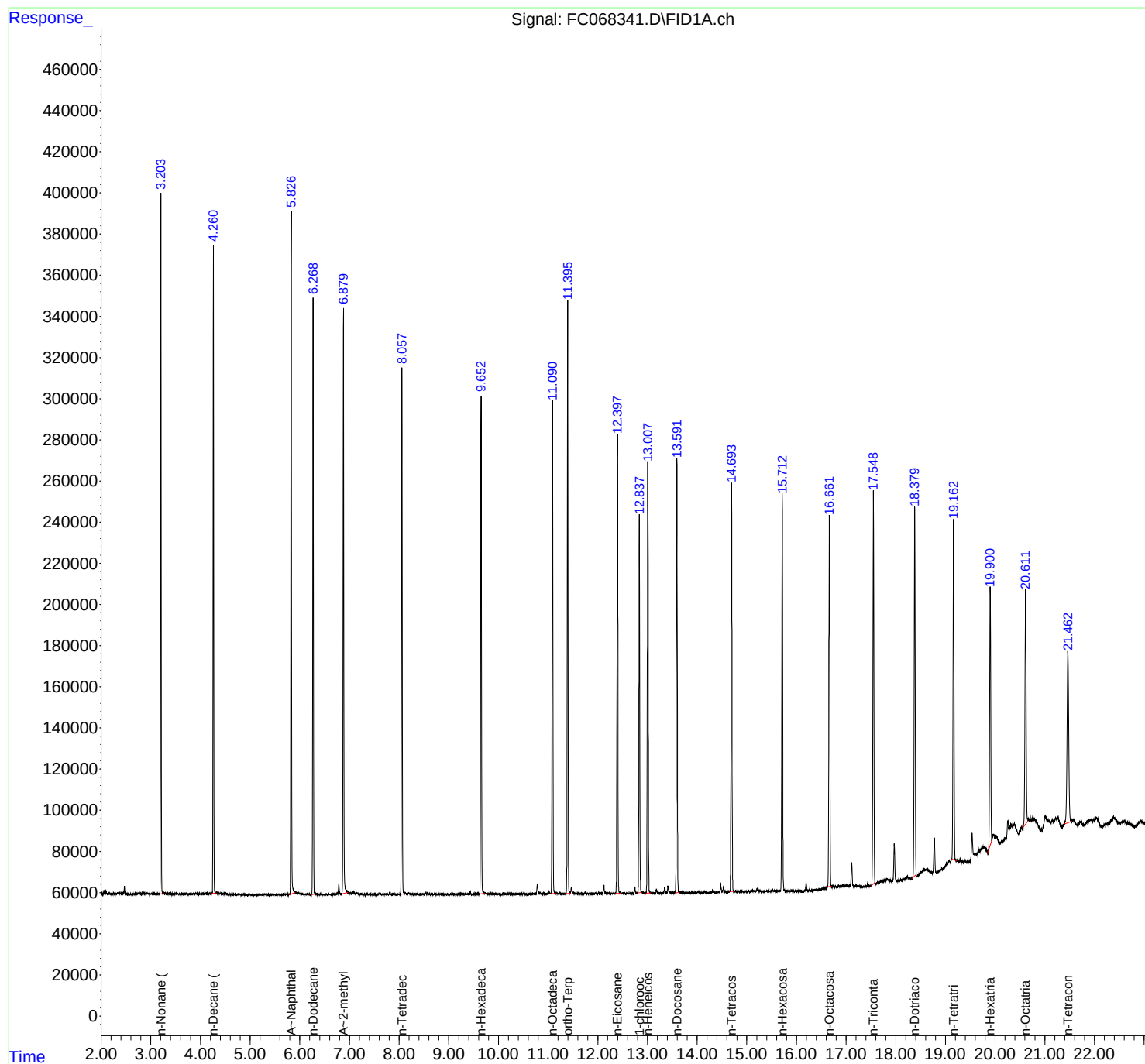
(m)=manual int.

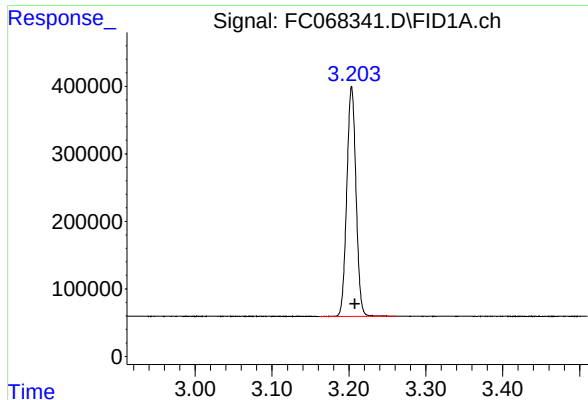
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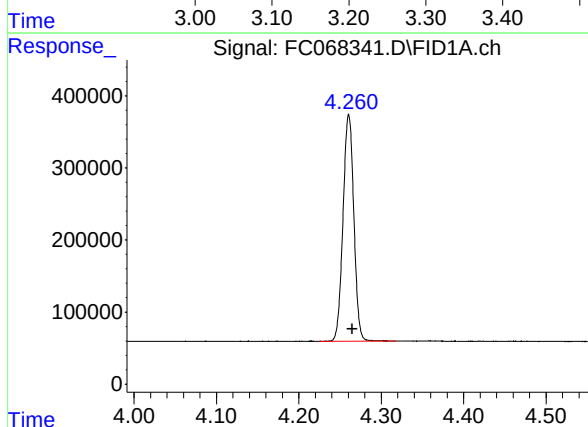




#1 n-Nonane (C9)

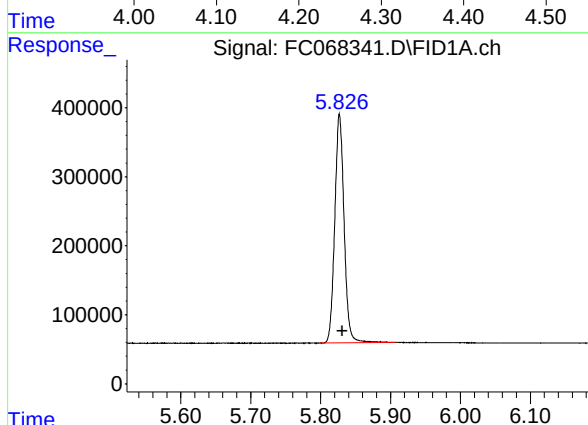
R.T.: 3.204 min
Delta R.T.: -0.004 min
Response: 2821805
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



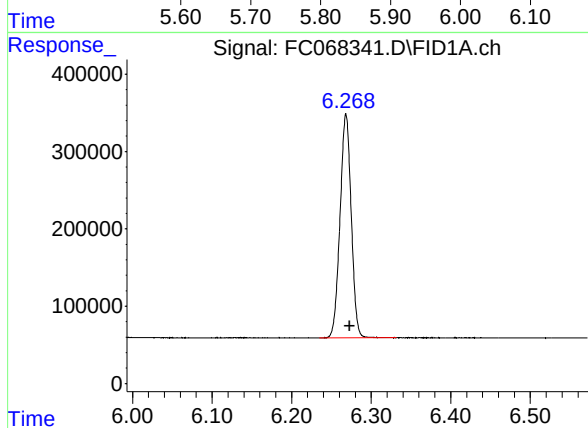
#2 n-Decane (C10)

R.T.: 4.261 min
Delta R.T.: -0.004 min
Response: 2860924
Conc: 20.19 ug/ml



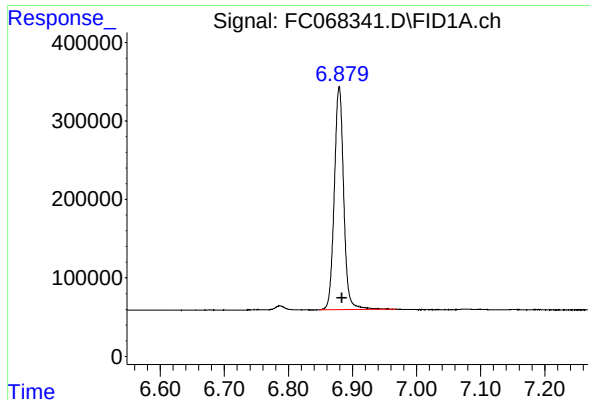
#3 A~Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: -0.004 min
Response: 3080505
Conc: 20.13 ug/ml



#4 n-Dodecane (C12)

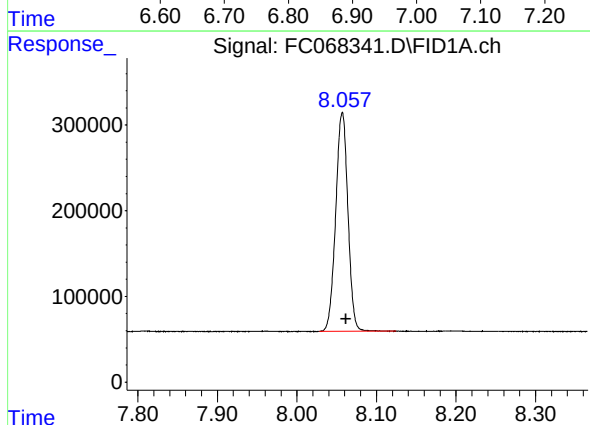
R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 2826957
Conc: 20.08 ug/ml



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

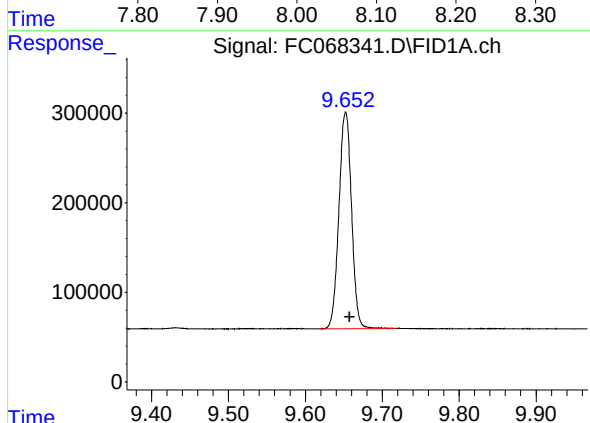
R.T.: 6.879 min
Delta R.T.: -0.005 min
Response: 2905424
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



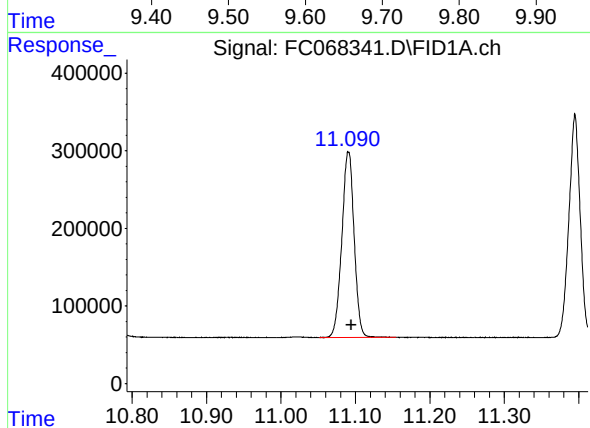
#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: -0.005 min
Response: 2729025
Conc: 20.02 ug/ml



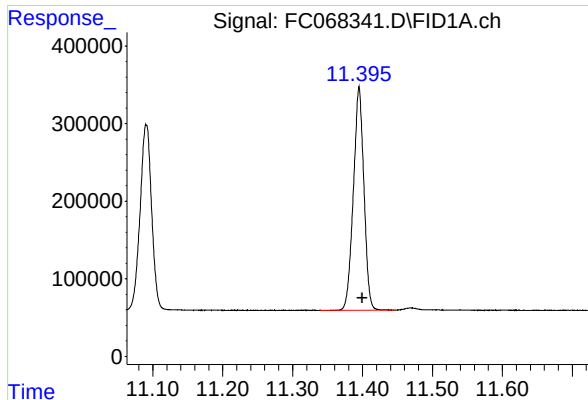
#7 n-Hexadecane (C16)

R.T.: 9.652 min
Delta R.T.: -0.005 min
Response: 2752162
Conc: 20.09 ug/ml



#8 n-Octadecane (C18)

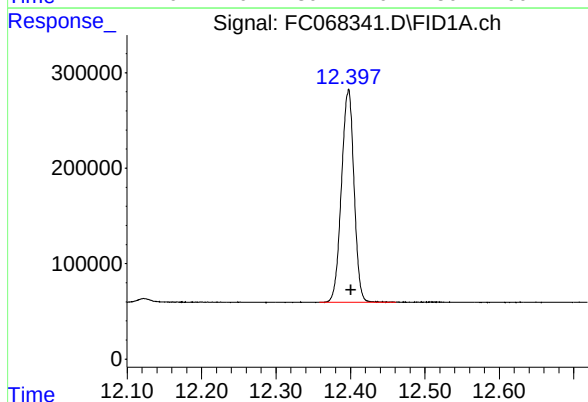
R.T.: 11.091 min
Delta R.T.: -0.004 min
Response: 2750082
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

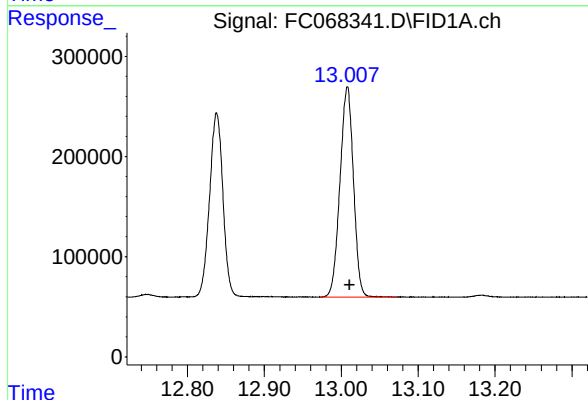
R.T.: 11.395 min
Delta R.T.: -0.005 min
Response: 3019061
Conc: 19.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



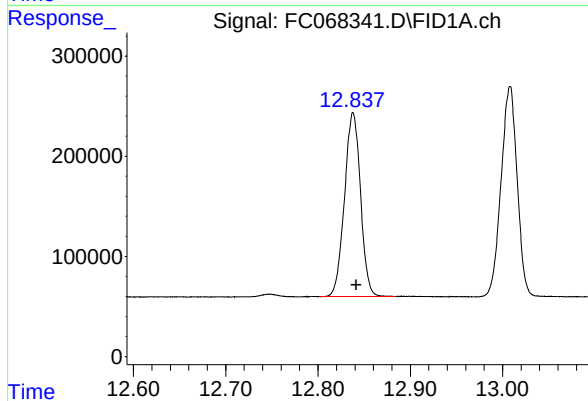
#10 n-Eicosane (C20)

R.T.: 12.397 min
Delta R.T.: -0.004 min
Response: 2613618
Conc: 20.06 ug/ml



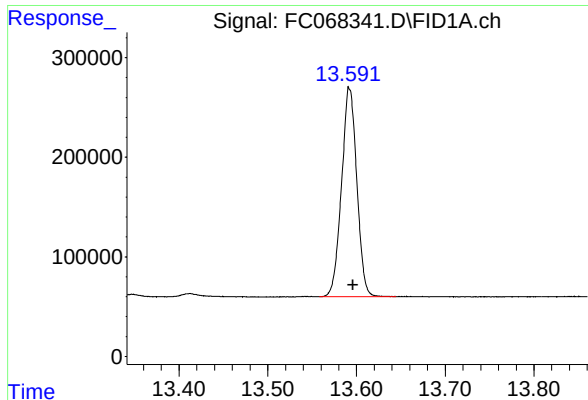
#11 n-Heneicosane (C21)

R.T.: 13.008 min
Delta R.T.: -0.003 min
Response: 2552338
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

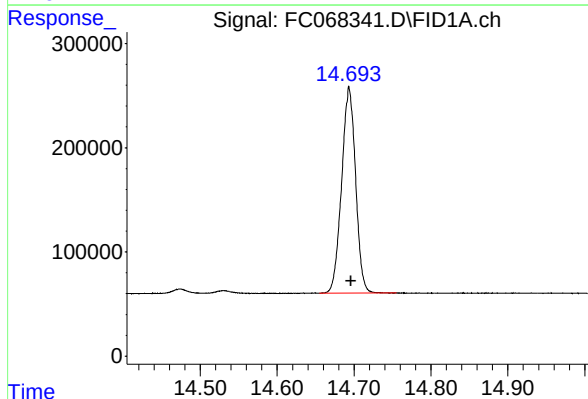
R.T.: 12.838 min
Delta R.T.: -0.004 min
Response: 2213113
Conc: 19.68 ug/ml



#13 n-Docosane (C22)

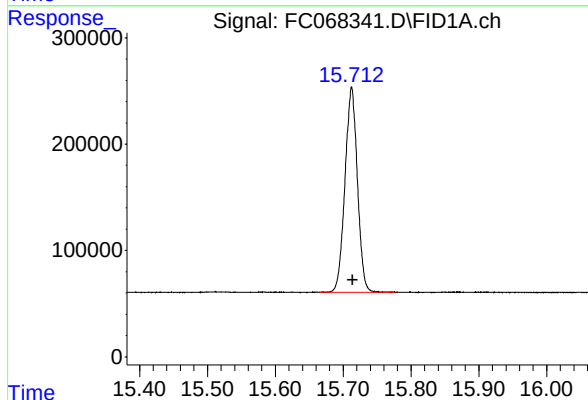
R.T.: 13.592 min
Delta R.T.: -0.004 min
Response: 2514482
Conc: 19.95 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



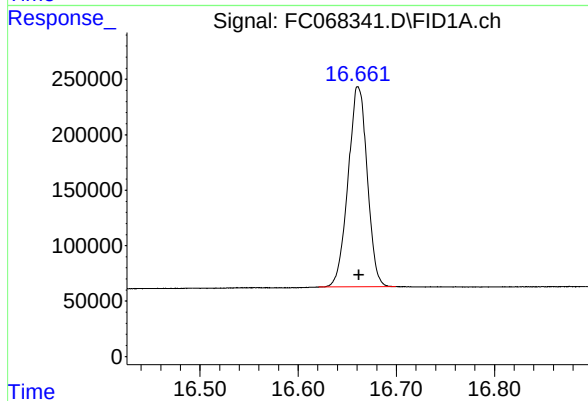
#14 n-Tetracosane (C24)

R.T.: 14.694 min
Delta R.T.: -0.002 min
Response: 2489195
Conc: 20.01 ug/ml



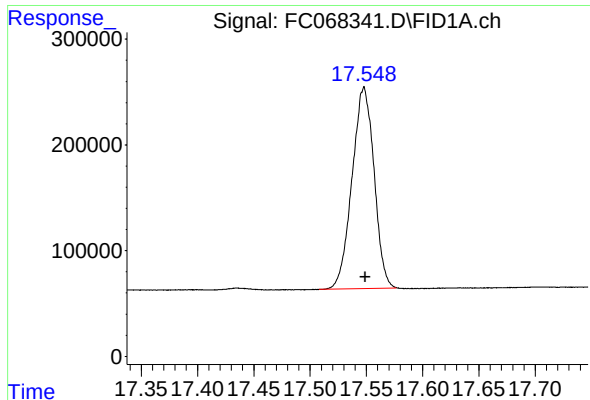
#15 n-Hexacosane (C26)

R.T.: 15.712 min
Delta R.T.: -0.001 min
Response: 2451970
Conc: 20.17 ug/ml



#16 n-Octacosane (C28)

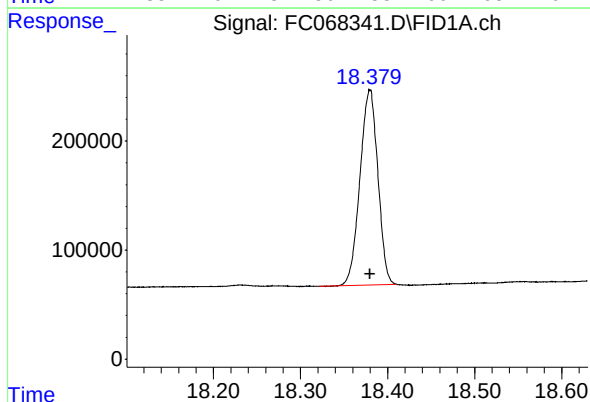
R.T.: 16.661 min
Delta R.T.: 0.000 min
Response: 2449009
Conc: 20.62 ug/ml



#17 n-Tricontane (C30)

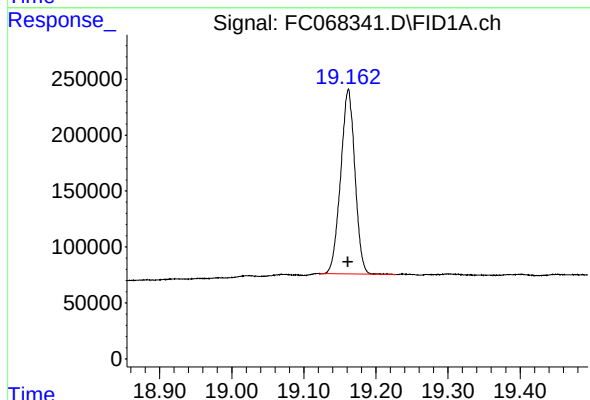
R.T.: 17.548 min
Delta R.T.: -0.001 min
Response: 2590876
Conc: 21.52 ug/ml

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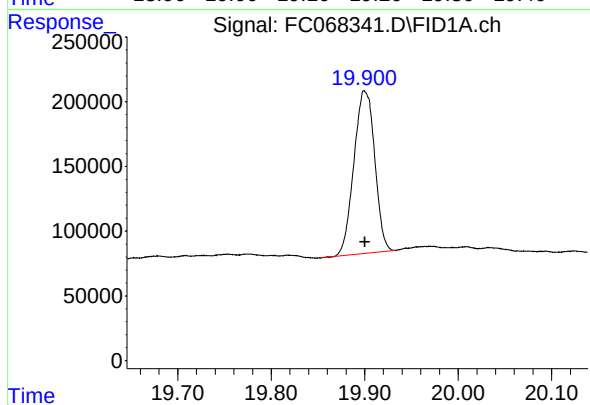
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 2561161
Conc: 22.07 ug/ml



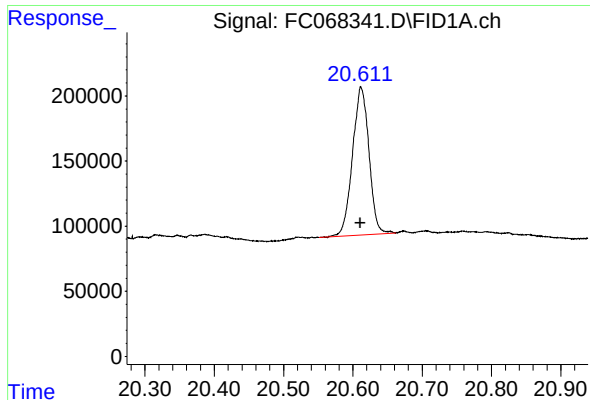
#19 n-Tetatriacontane (C34)

R.T.: 19.162 min
Delta R.T.: 0.000 min
Response: 2275964
Conc: 21.06 ug/ml



#20 n-Hexatriacontane (C36)

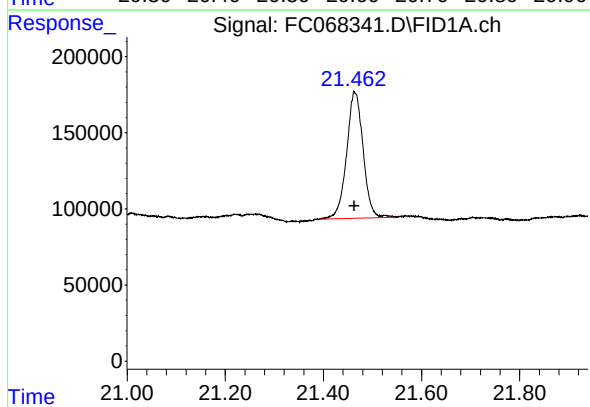
R.T.: 19.901 min
Delta R.T.: 0.000 min
Response: 1942697
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.612 min
Delta R.T.: 0.001 min
Response: 1869920
Conc: 20.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.464 min
Delta R.T.: 0.002 min
Response: 1933632
Conc: 22.35 ug/ml