

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011894.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 14:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 20 00:43:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 2023
 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)	10.925	3184097	20.343 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
12) S 1-chlorooctadecane (S...	12.363	2422427	20.428 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	2.761	2320368	20.153 ug/ml
2) T n-Decane (C10)	3.772	2386882	20.235 ug/ml
3) T A~Naphthalene (C11.7)	5.340	2664239	20.326 ug/ml
4) T n-Dodecane (C12)	5.765	2427433	20.238 ug/ml
5) T A~2-methylnaphthalene...	6.391	2587636	20.498 ug/ml
6) T n-Tetradecane (C14)	7.560	2455365	20.220 ug/ml
7) T n-Hexadecane (C16)	9.163	2631252	20.266 ug/ml
8) T n-Octadecane (C18)	10.607	2766567	20.325 ug/ml
10) T n-Eicosane (C20)	11.918	2749425	20.373 ug/ml
11) T n-Heneicosane (C21)	12.531	2739517	20.382 ug/ml
13) T n-Docosane (C22)	13.119	2767933	20.484 ug/ml
14) T n-Tetracosane (C24)	14.226	2808700	20.637 ug/ml
15) T n-Hexacosane (C26)	15.248	2766839	20.683 ug/ml
16) T n-Octacosane (C28)	16.201	2716373	20.807 ug/ml
17) T n-Tricontane (C30)	17.089	2752347	20.869 ug/ml
18) T n-Dotriacontane (C32)	17.924	2699935	21.016 ug/ml
19) T n-Tetratriacontane (C34)	18.708	2545634	20.776 ug/ml
20) T n-Hexatriacontane (C36)	19.449	2389706	20.542 ug/ml
21) T n-Octatriacontane (C38)	20.191	2295135	20.427 ug/ml
22) T n-Tetracontane (C40)	21.116	2225679	20.657 ug/ml

(f)=RT Delta > 1/2 Window

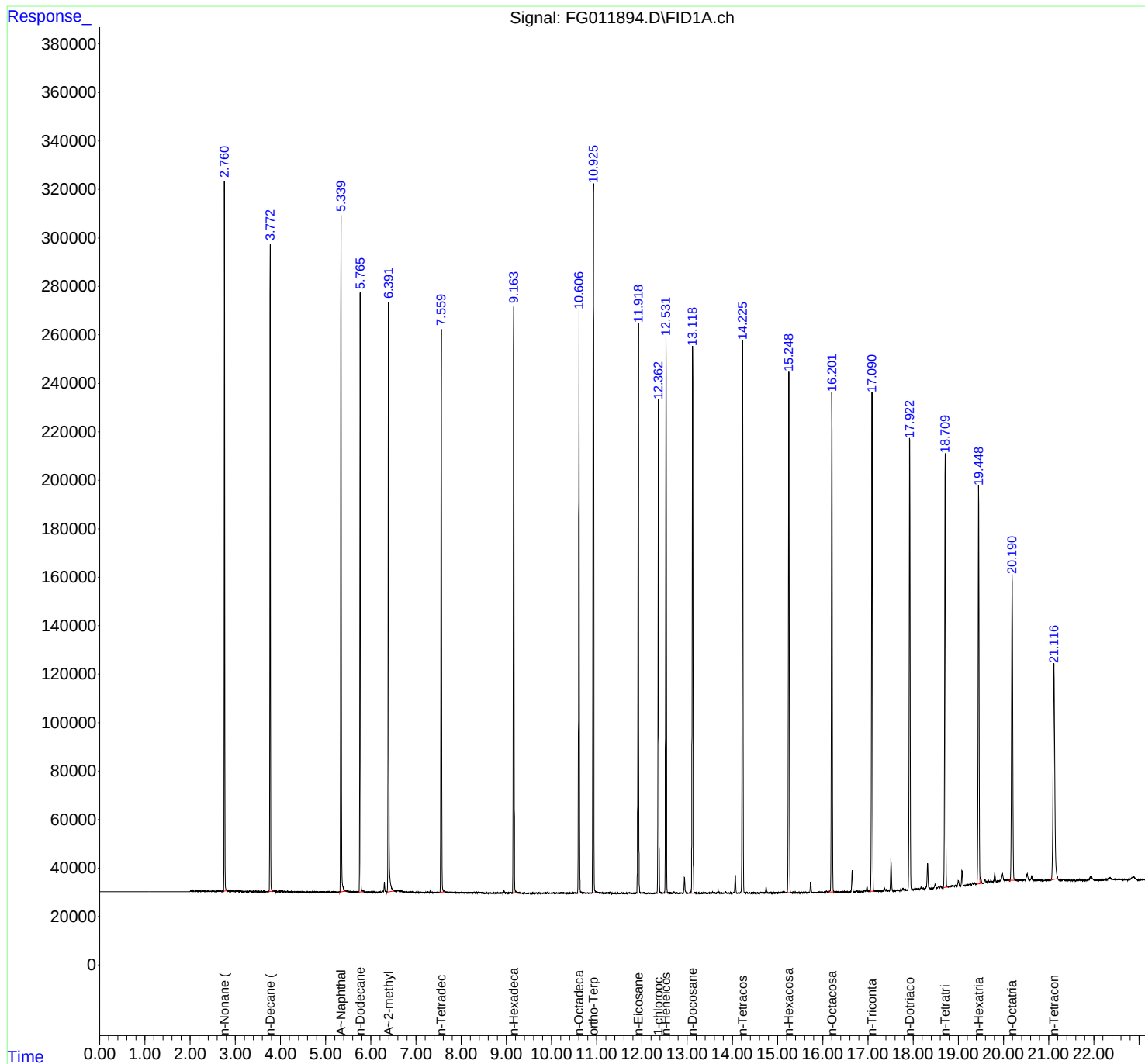
(m)=manual int.

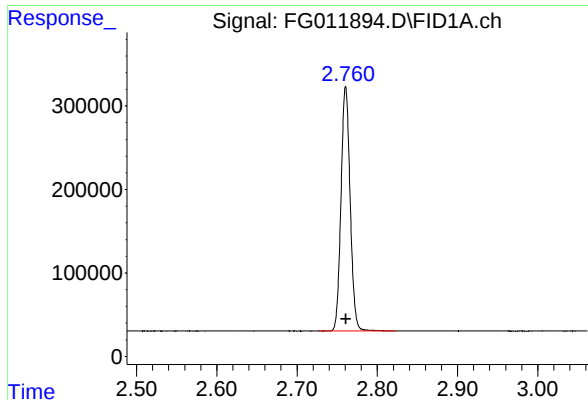
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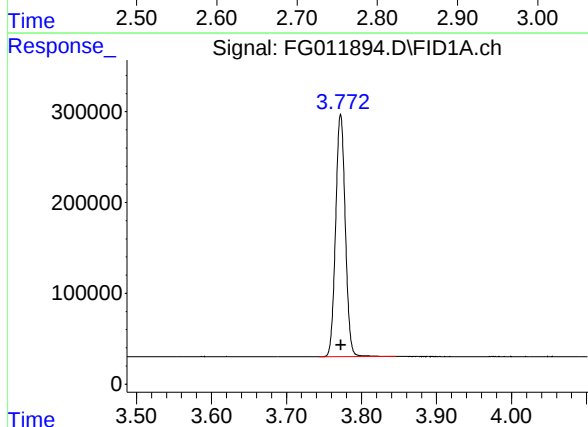




#1 n-Nonane (C9)

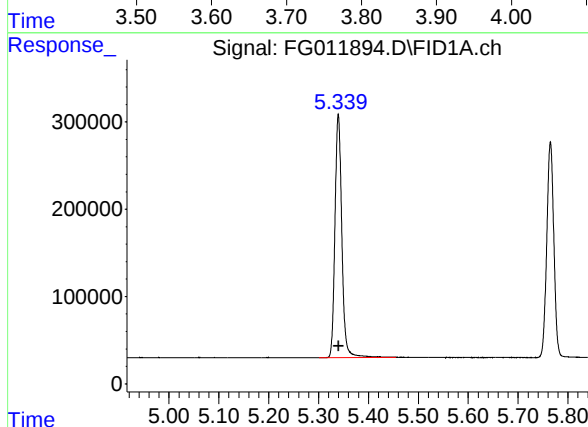
R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 2320368
Conc: 20.15 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



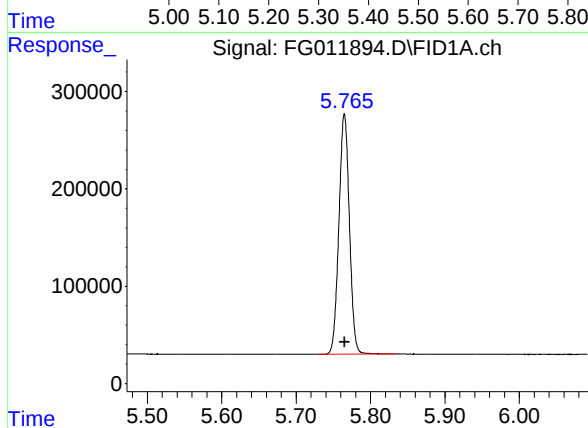
#2 n-Decane (C10)

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 2386882
Conc: 20.24 ug/ml



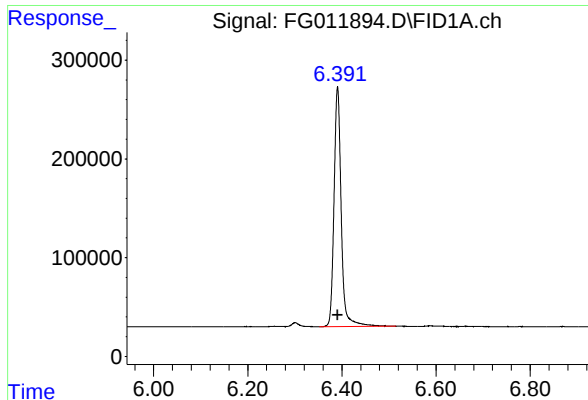
#3 A~Naphthalene (C11.7)

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 2664239
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

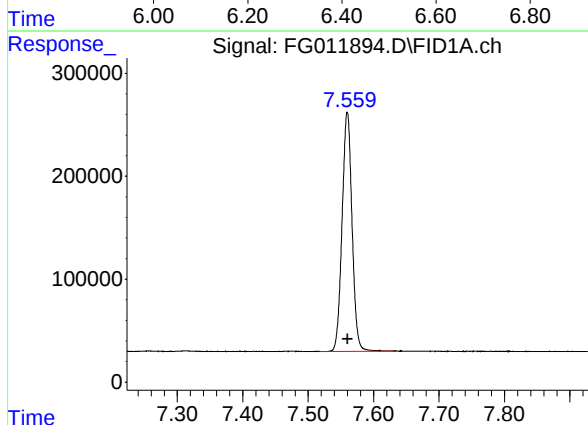
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 2427433
Conc: 20.24 ug/ml



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

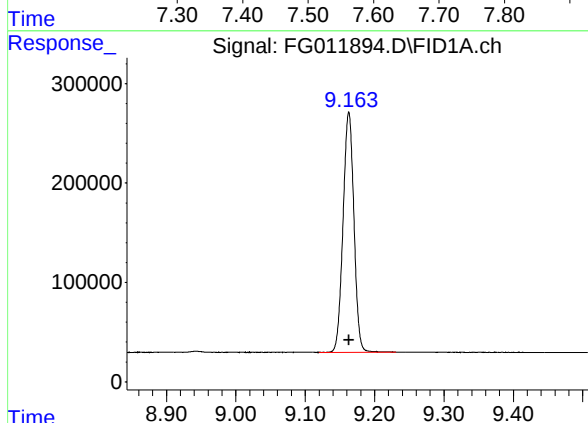
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2587636
Conc: 20.50 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



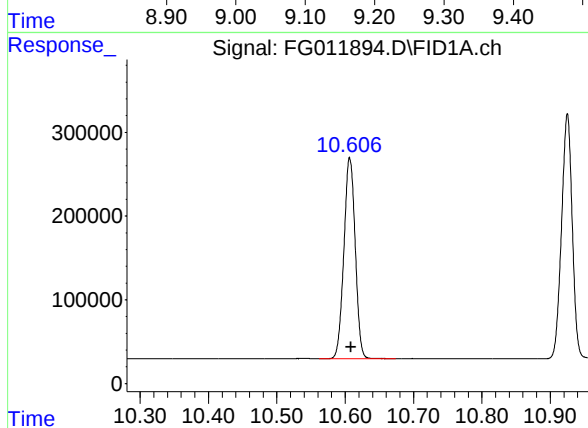
#6 n-Tetradecane (C14)

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 2455365
Conc: 20.22 ug/ml



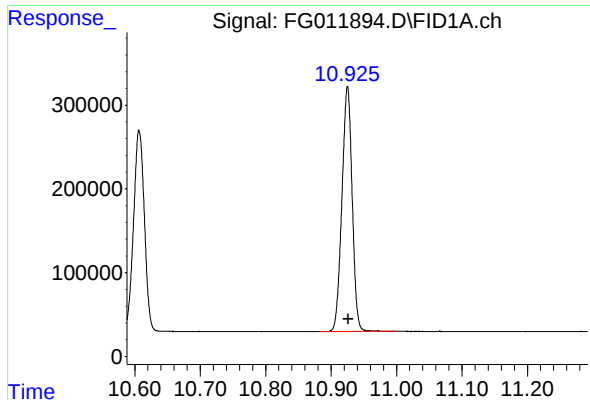
#7 n-Hexadecane (C16)

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 2631252
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

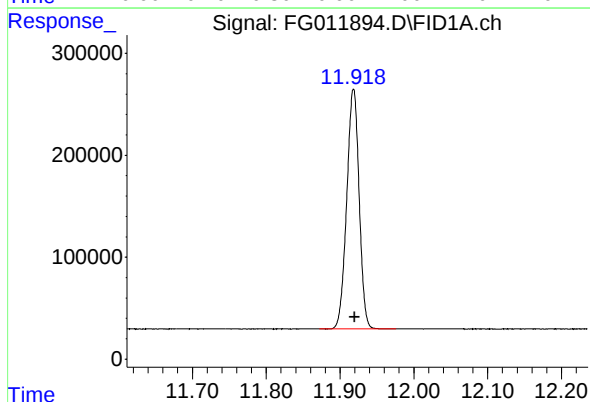
R.T.: 10.607 min
Delta R.T.: -0.002 min
Response: 2766567
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

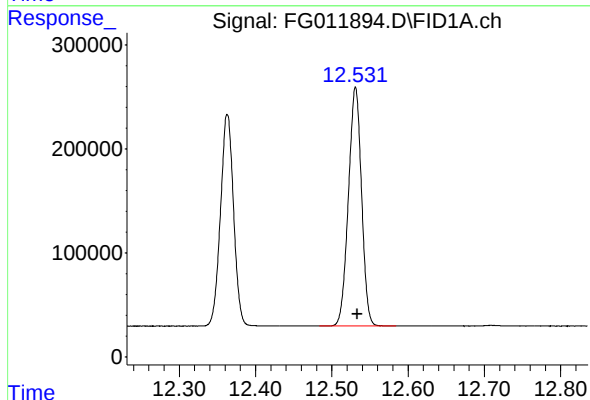
R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 3184097
Conc: 20.34 ug/ml

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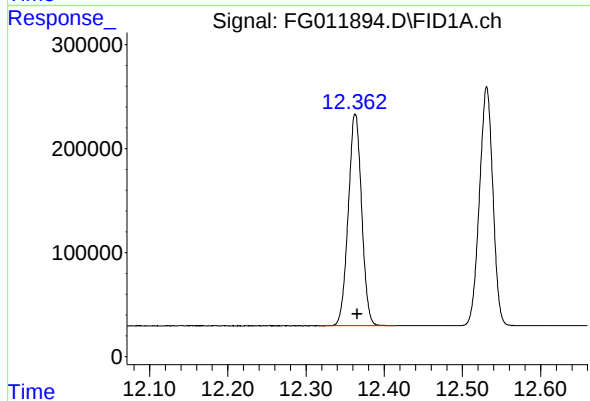
#10 n-Eicosane (C20)

R.T.: 11.918 min
Delta R.T.: -0.002 min
Response: 2749425
Conc: 20.37 ug/ml



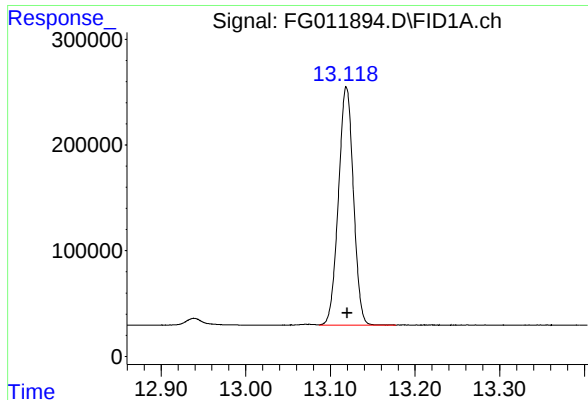
#11 n-Heneicosane (C21)

R.T.: 12.531 min
Delta R.T.: -0.002 min
Response: 2739517
Conc: 20.38 ug/ml



#12 1-chlorooctadecane (SURR)

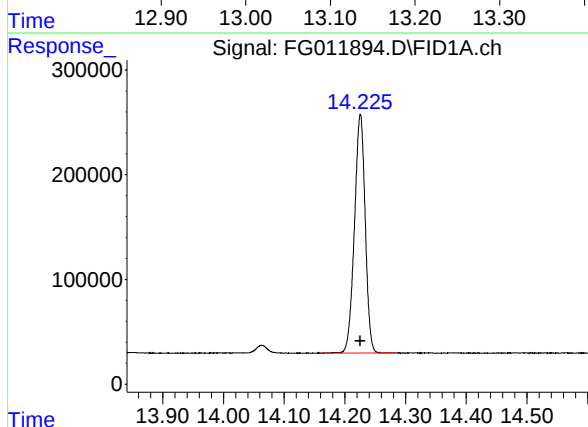
R.T.: 12.363 min
Delta R.T.: -0.002 min
Response: 2422427
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

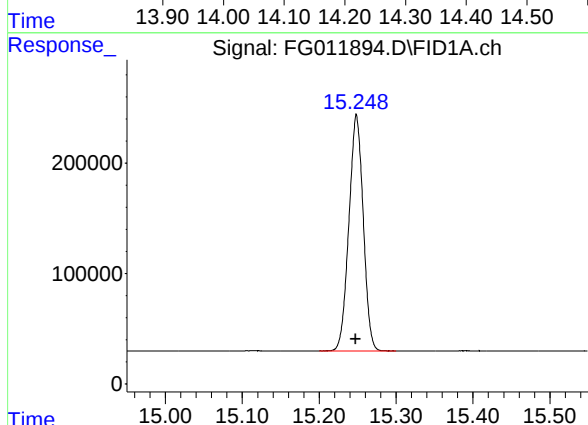
R.T.: 13.119 min
Delta R.T.: -0.001 min
Response: 2767933
Conc: 20.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



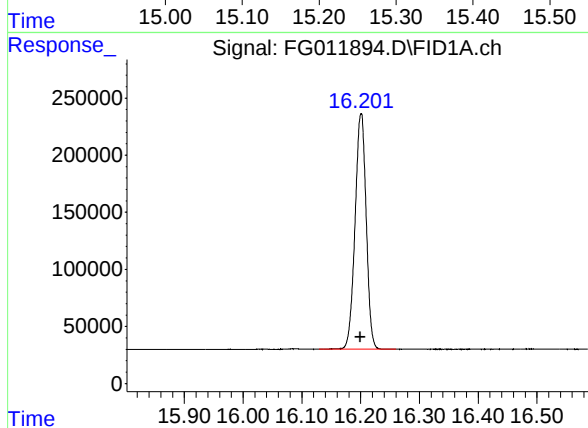
#14 n-Tetracosane (C24)

R.T.: 14.226 min
Delta R.T.: 0.000 min
Response: 2808700
Conc: 20.64 ug/ml



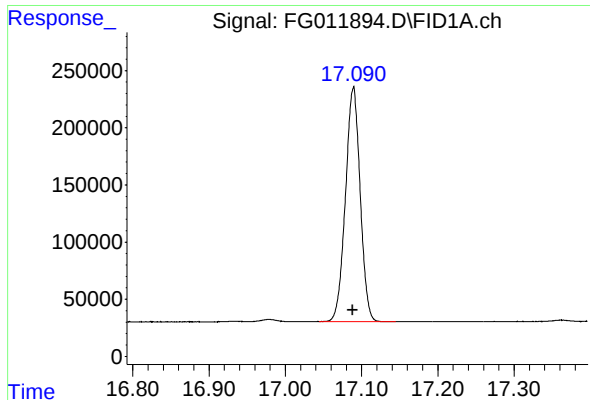
#15 n-Hexacosane (C26)

R.T.: 15.248 min
Delta R.T.: 0.000 min
Response: 2766839
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

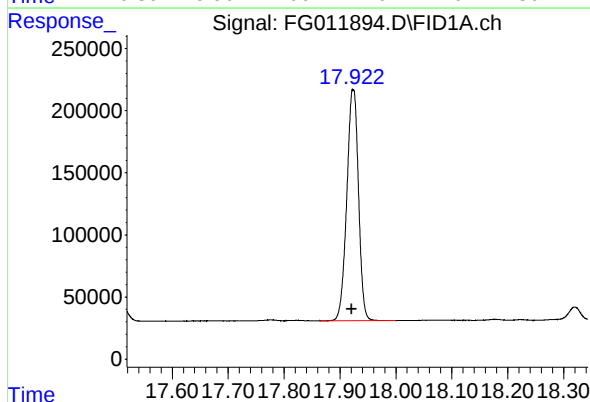
R.T.: 16.201 min
Delta R.T.: 0.001 min
Response: 2716373
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

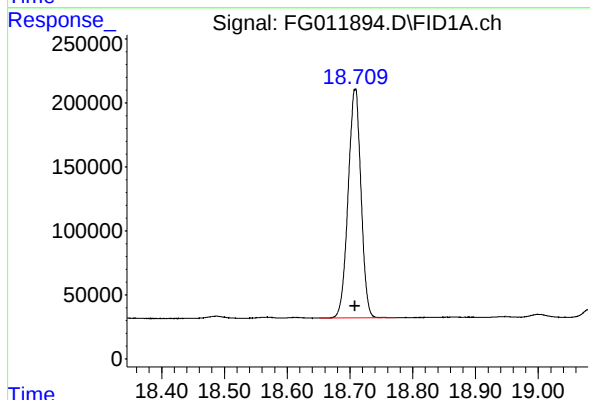
R.T.: 17.089 min
Delta R.T.: 0.000 min
Response: 2752347
Conc: 20.87 ug/ml

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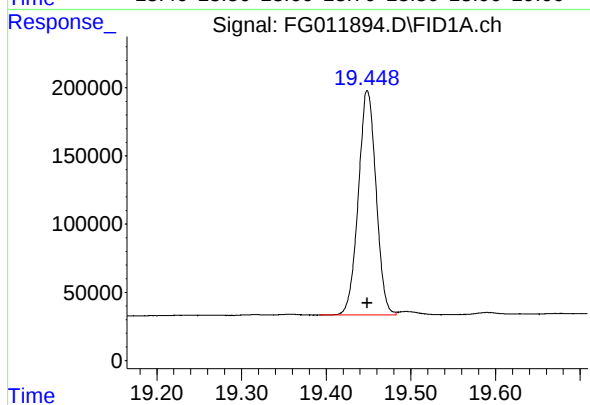
#18 n-Dotriacontane (C32)

R.T.: 17.924 min
Delta R.T.: 0.002 min
Response: 2699935
Conc: 21.02 ug/ml



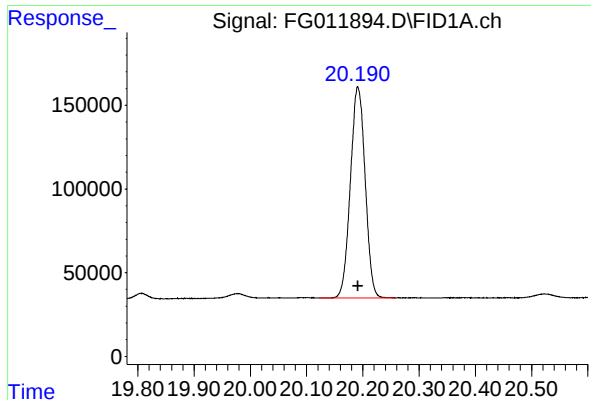
#19 n-Tetratriacontane (C34)

R.T.: 18.708 min
Delta R.T.: 0.000 min
Response: 2545634
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

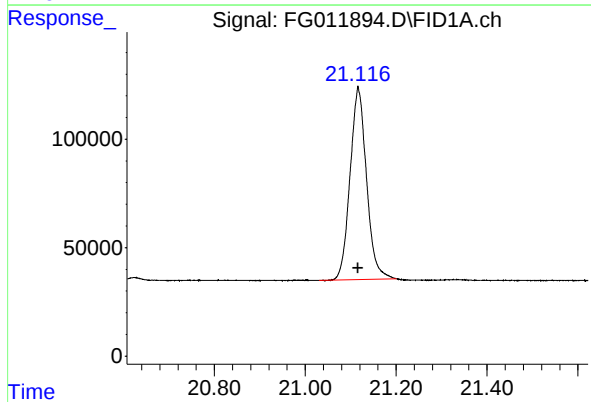
R.T.: 19.449 min
Delta R.T.: 0.000 min
Response: 2389706
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.191 min
Delta R.T.: 0.000 min
Response: 2295135
Conc: 20.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.116 min
Delta R.T.: 0.000 min
Response: 2225679
Conc: 20.66 ug/ml