

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723AL\
 Data File : FG013155.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 20:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Nov 08 03:40:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 03:40:16 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)	11.988	3047092	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.427	2292424	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.341	2588989	20.000 ug/ml
2) T n-Decane (C10)	4.595	2653420	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.308	2803770	20.000 ug/ml
4) T n-Dodecane (C12)	6.769	2671461	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.408	2724008	20.000 ug/ml
6) T n-Tetradecane (C14)	8.604	2625675	20.000 ug/ml
7) T n-Hexadecane (C16)	10.217	2658501	20.000 ug/ml
8) T n-Octadecane (C18)	11.666	2647725	20.000 ug/ml
10) T n-Eicosane (C20)	12.981	2559645	20.000 ug/ml
11) T n-Heneicosane (C21)	13.594	2512789	20.000 ug/ml
13) T n-Docosane (C22)	14.183	2500117	20.000 ug/ml
14) T n-Tetracosane (C24)	15.289	2537795	20.000 ug/ml
15) T n-Hexacosane (C26)	16.313	2457284	20.000 ug/ml
16) T n-Octacosane (C28)	17.265	2447495	20.000 ug/ml
17) T n-Tricontane (C30)	18.155	2532590	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.988	2544266	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.774	2450954	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.516	2425484	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.272	2463028	20.000 ug/ml
22) T n-Tetracontane (C40)	22.227	2490802	20.000 ug/ml

(f)=RT Delta > 1/2 Window

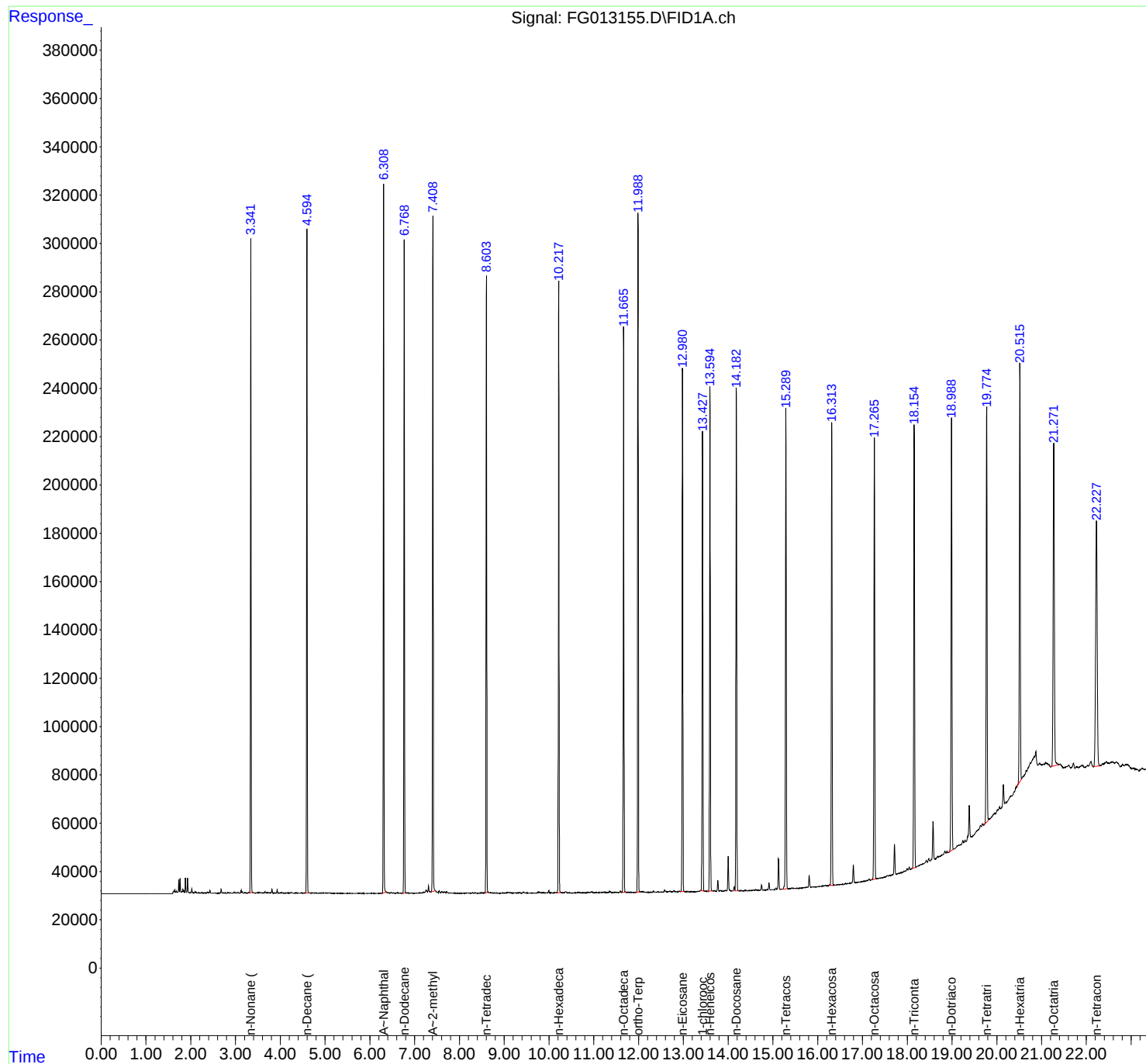
(m)=manual int.

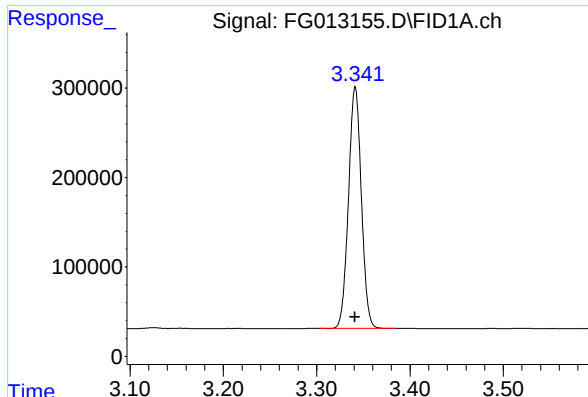
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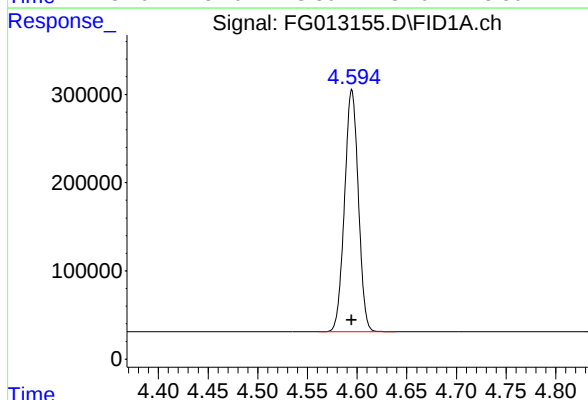




#1 n-Nonane (C9)

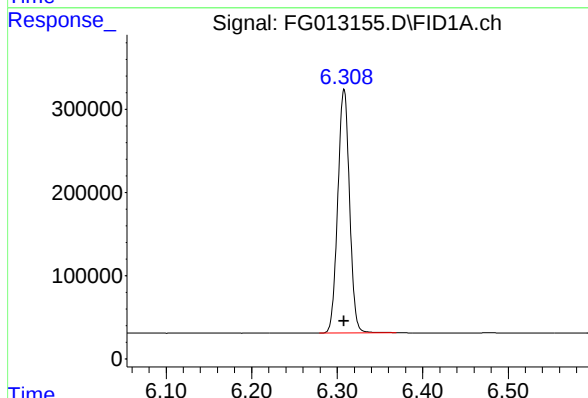
R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 2588989
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



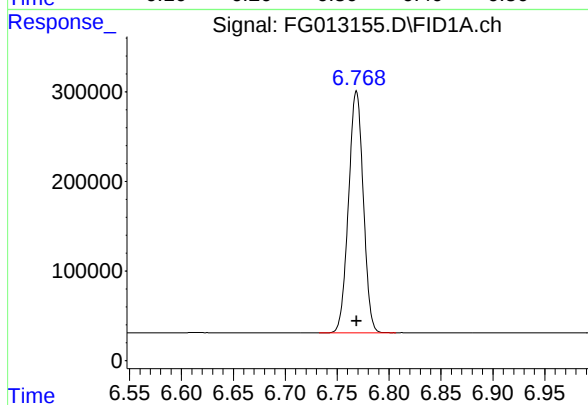
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 2653420
Conc: 20.00 ug/ml



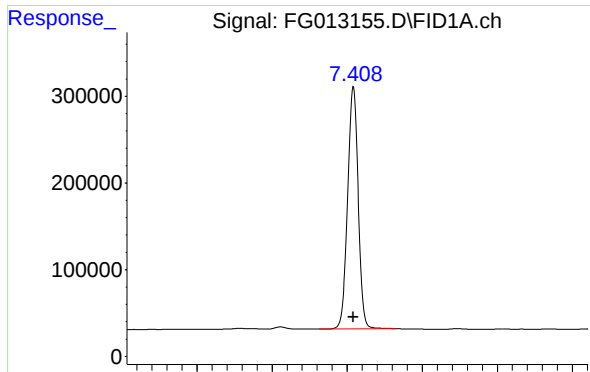
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 2803770
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

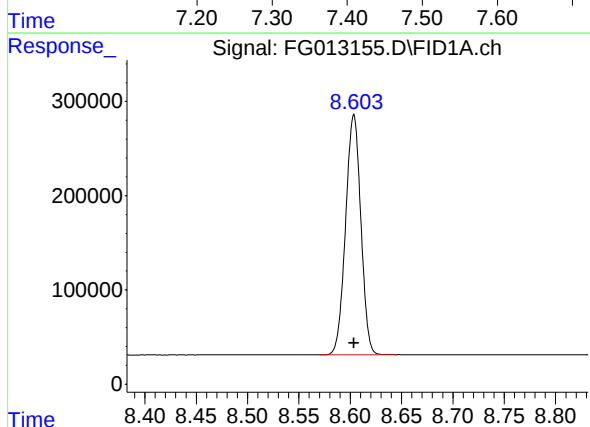
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 2671461
Conc: 20.00 ug/ml



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

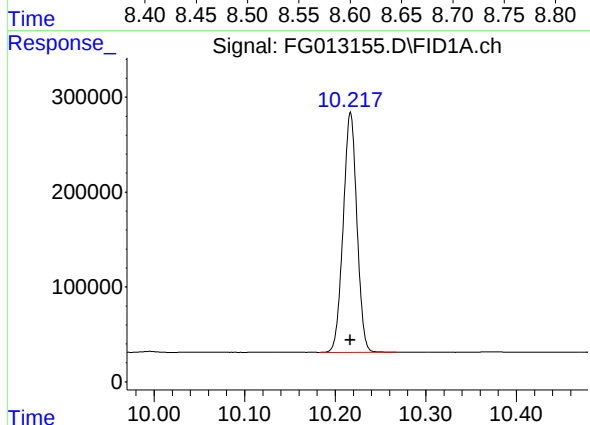
R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 2724008
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



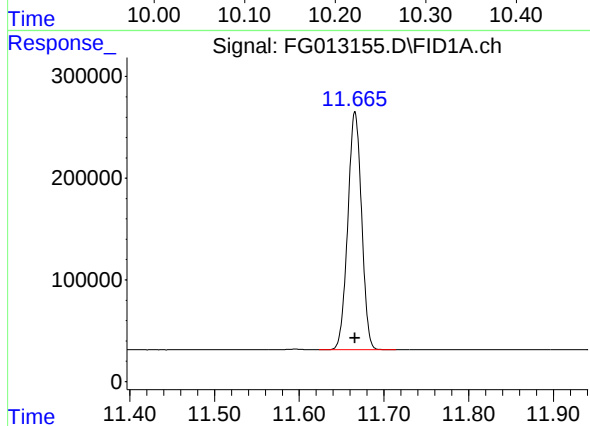
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 2625675
Conc: 20.00 ug/ml



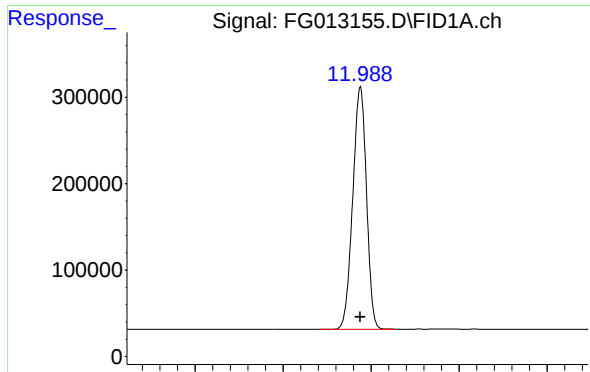
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.000 min
Response: 2658501
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

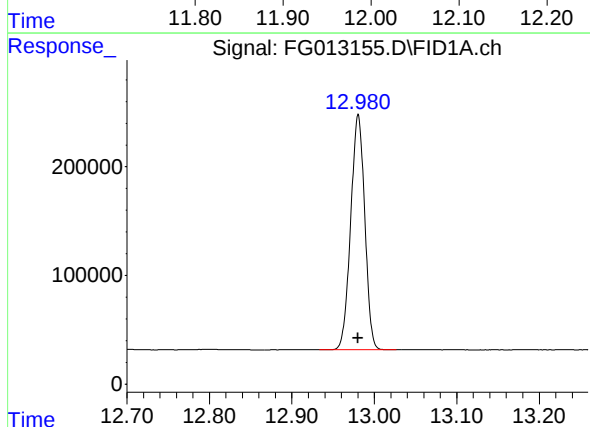
R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 2647725
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

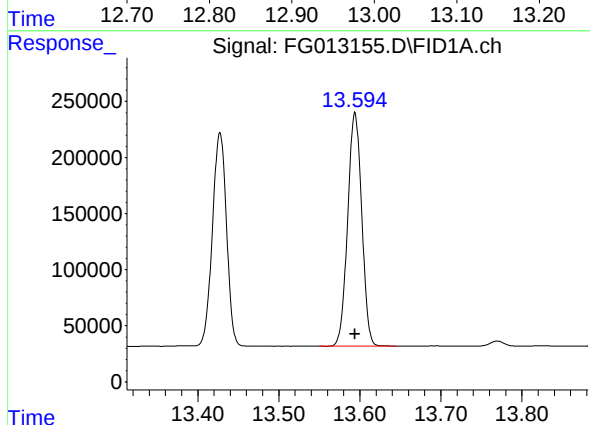
R.T.: 11.988 min
Delta R.T.: 0.000 min
Response: 3047092
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
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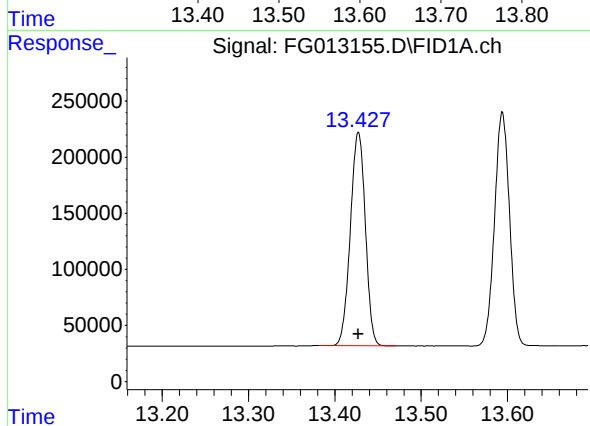
#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: 0.000 min
Response: 2559645
Conc: 20.00 ug/ml



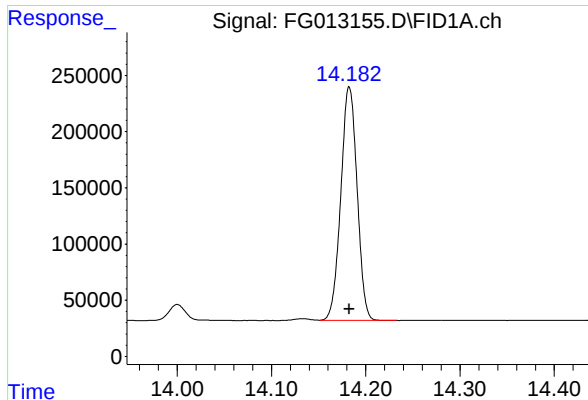
#11 n-Heneicosane (C21)

R.T.: 13.594 min
Delta R.T.: 0.000 min
Response: 2512789
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

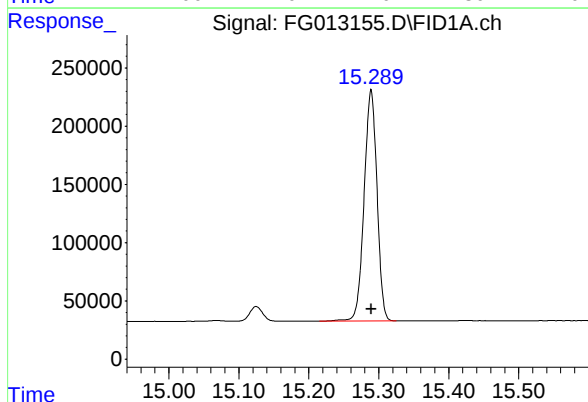
R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 2292424
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

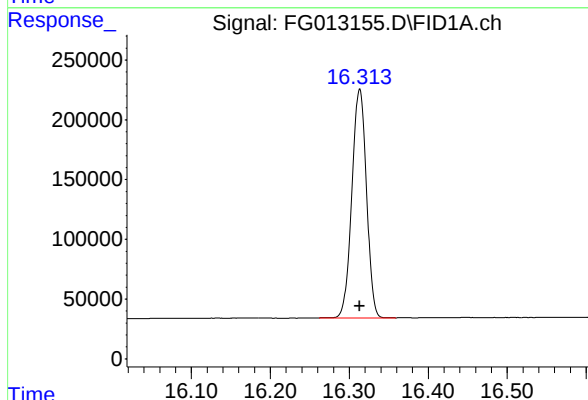
R.T.: 14.183 min
Delta R.T.: 0.000 min
Response: 2500117
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



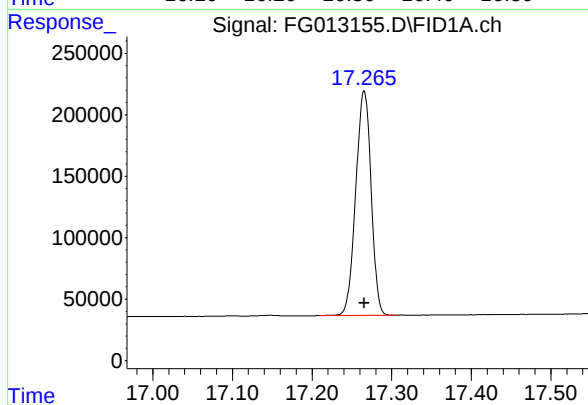
#14 n-Tetracosane (C24)

R.T.: 15.289 min
Delta R.T.: 0.000 min
Response: 2537795
Conc: 20.00 ug/ml



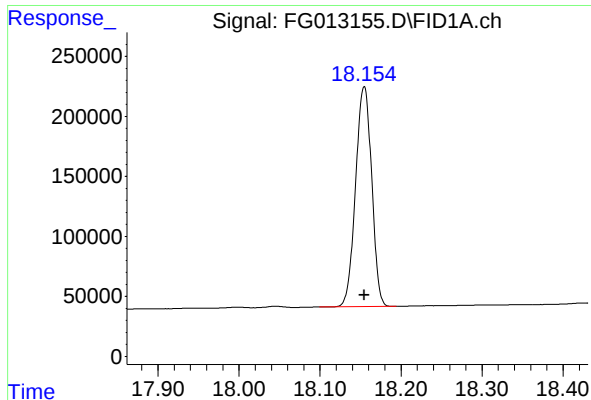
#15 n-Hexacosane (C26)

R.T.: 16.313 min
Delta R.T.: 0.000 min
Response: 2457284
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

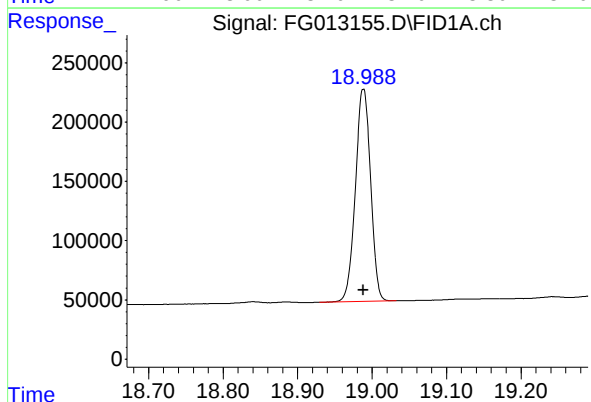
R.T.: 17.265 min
Delta R.T.: 0.000 min
Response: 2447495
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

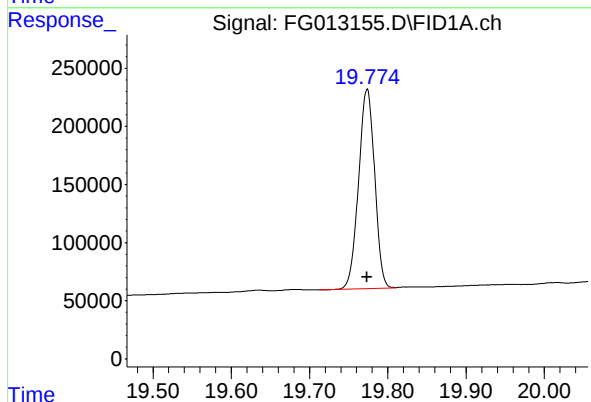
R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 2532590
Conc: 20.00 ug/ml

Instrument :
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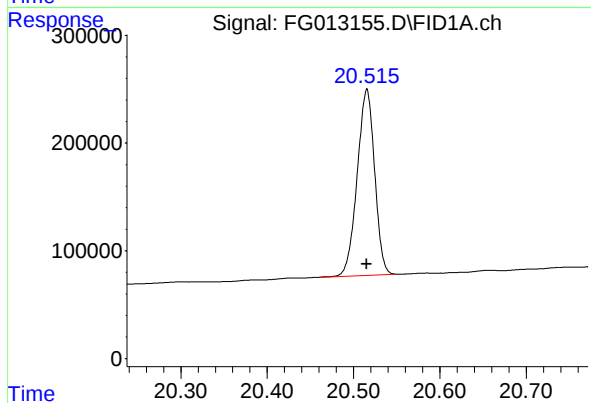
#18 n-Dotriacontane (C32)

R.T.: 18.988 min
Delta R.T.: 0.000 min
Response: 2544266
Conc: 20.00 ug/ml



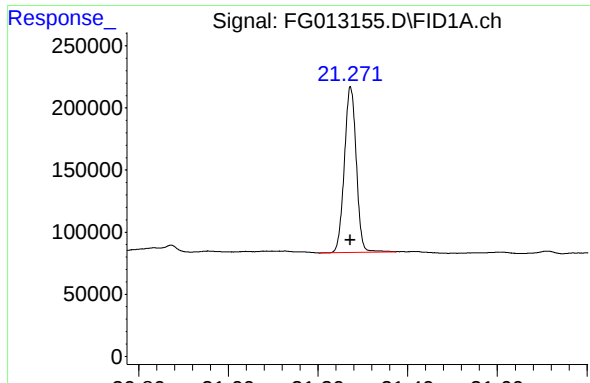
#19 n-Tetratriacontane (C34)

R.T.: 19.774 min
Delta R.T.: 0.000 min
Response: 2450954
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

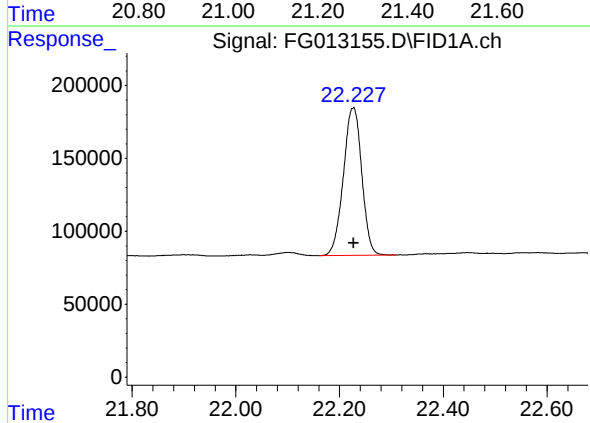
R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 2425484
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.272 min
Delta R.T.: 0.000 min
Response: 2463028
Conc: 20.00 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.227 min
Delta R.T.: 0.000 min
Response: 2490802
Conc: 20.00 ug/ml