

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012661.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 12:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 10 12:46:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 12:45:52 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)	11.982	2672966	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.422	2069746	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.345	2063855	20.000 ug/ml
2) T n-Decane (C10)	4.597	2088327	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.303	2267852	20.000 ug/ml
4) T n-Dodecane (C12)	6.769	2122031	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.401	2274792	20.000 ug/ml
6) T n-Tetradecane (C14)	8.601	2132684	20.000 ug/ml
7) T n-Hexadecane (C16)	10.214	2158814	20.000 ug/ml
8) T n-Octadecane (C18)	11.663	2189521	20.000 ug/ml
10) T n-Eicosane (C20)	12.976	2190668	20.000 ug/ml
11) T n-Heneicosane (C21)	13.590	2192596	20.000 ug/ml
13) T n-Docosane (C22)	14.178	2176874	20.000 ug/ml
14) T n-Tetracosane (C24)	15.284	2147357	20.000 ug/ml
15) T n-Hexacosane (C26)	16.306	2092176	20.000 ug/ml
16) T n-Octacosane (C28)	17.258	2013775	20.000 ug/ml
17) T n-Tricontane (C30)	18.147	1982018	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.980	1974542	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.762	1837135	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.503	1798645	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.260	1711169	20.000 ug/ml
22) T n-Tetracontane (C40)	22.209	1641101	20.000 ug/ml

(f)=RT Delta > 1/2 Window

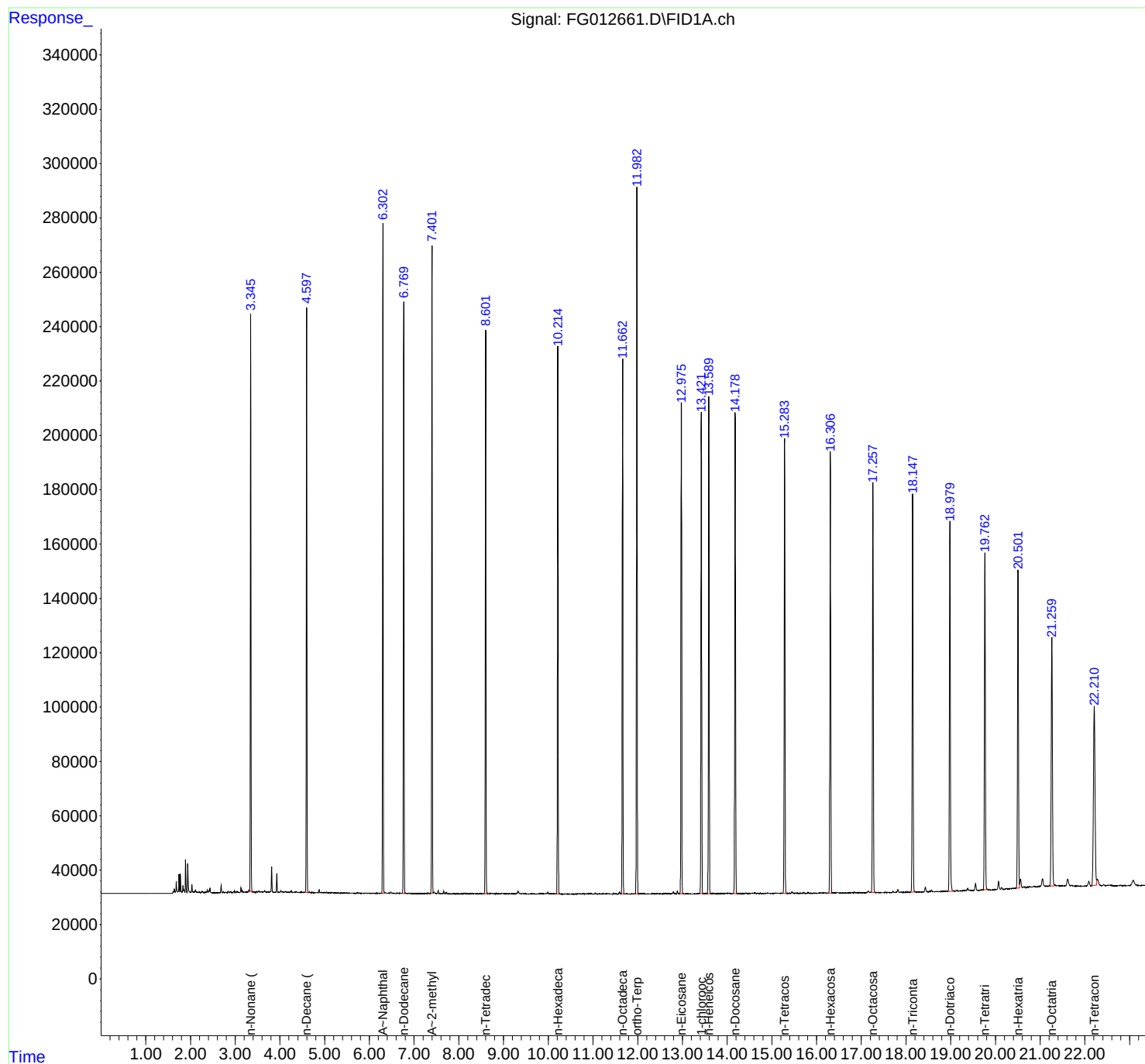
(m)=manual int.

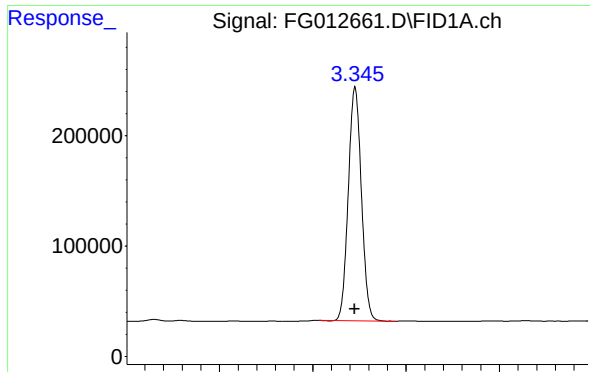
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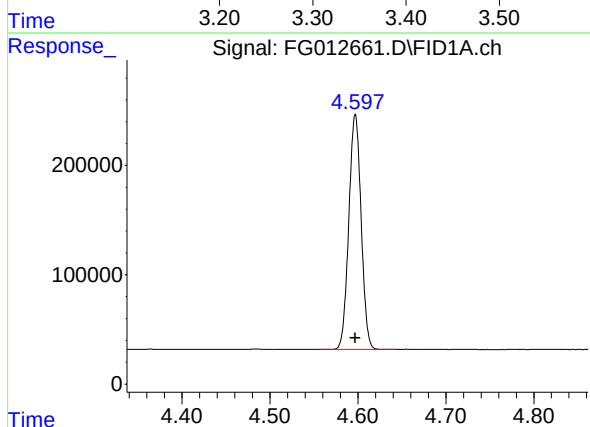




#1 n-Nonane (C9)

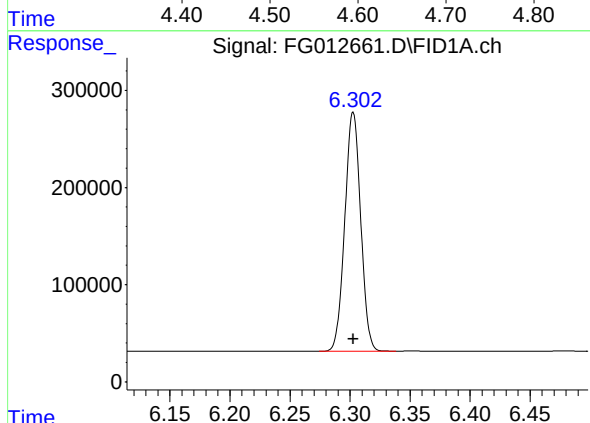
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 2063855
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



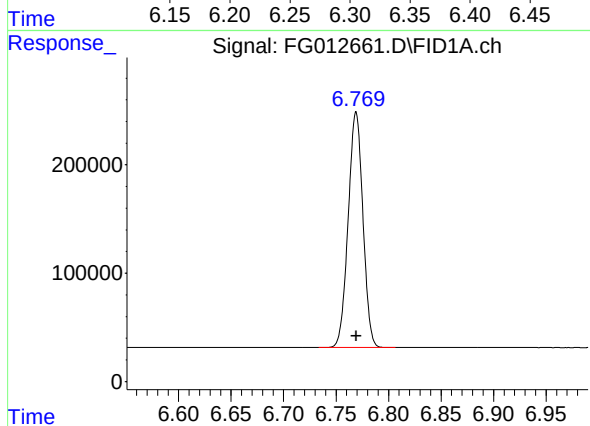
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 2088327
Conc: 20.00 ug/ml



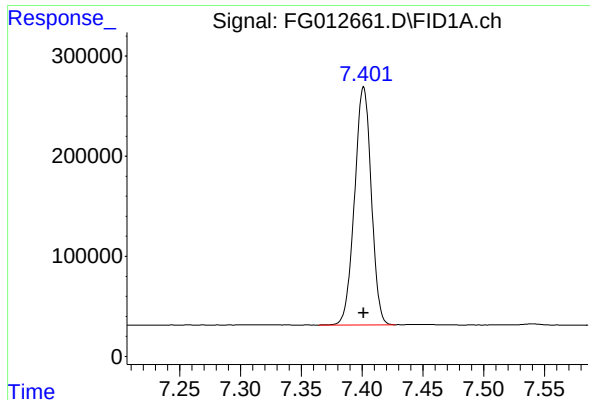
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 2267852
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

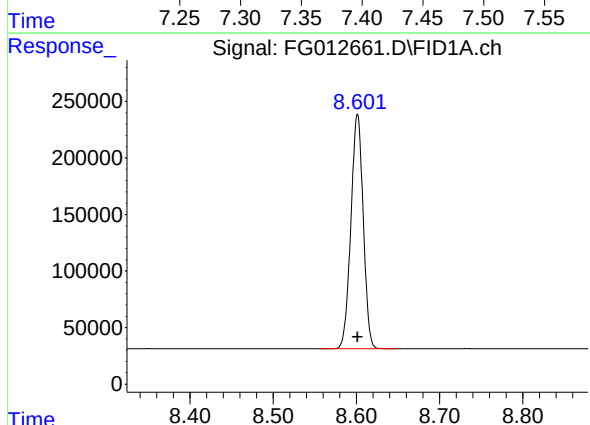
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 2122031
Conc: 20.00 ug/ml



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

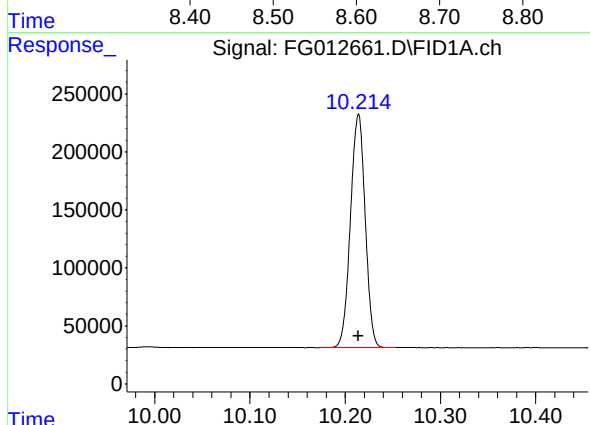
R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 2274792
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



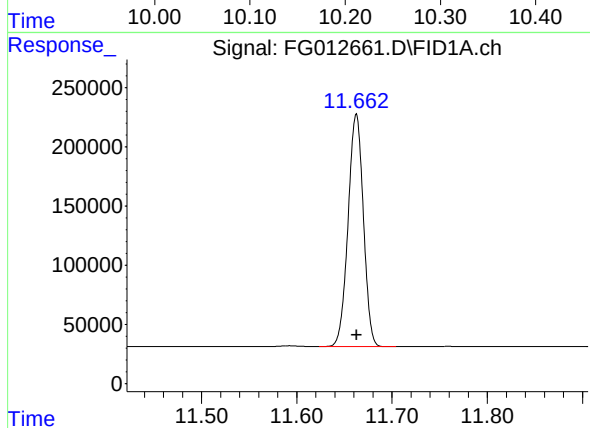
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 2132684
Conc: 20.00 ug/ml



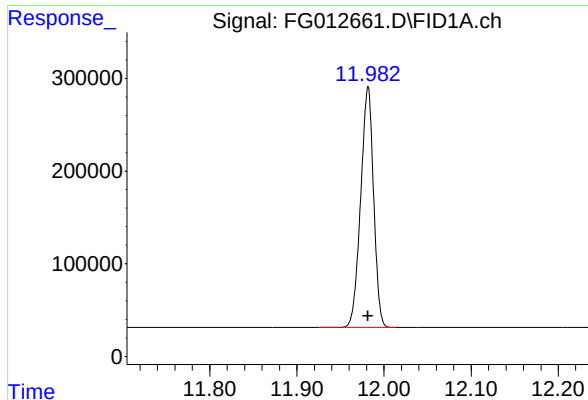
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.000 min
Response: 2158814
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

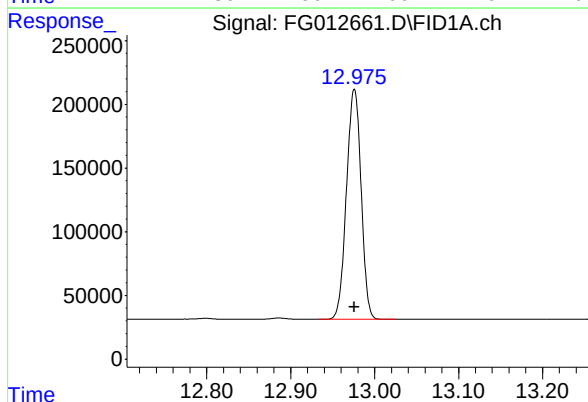
R.T.: 11.663 min
Delta R.T.: 0.000 min
Response: 2189521
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

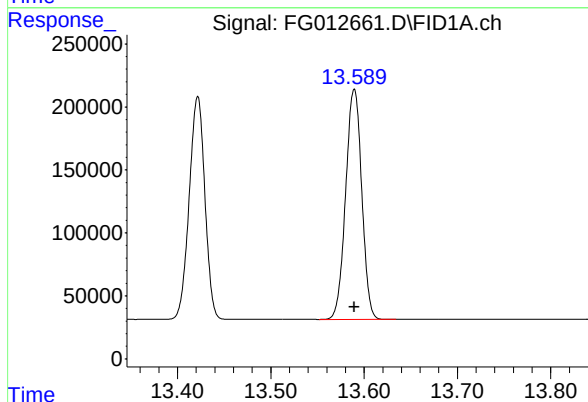
R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 2672966
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



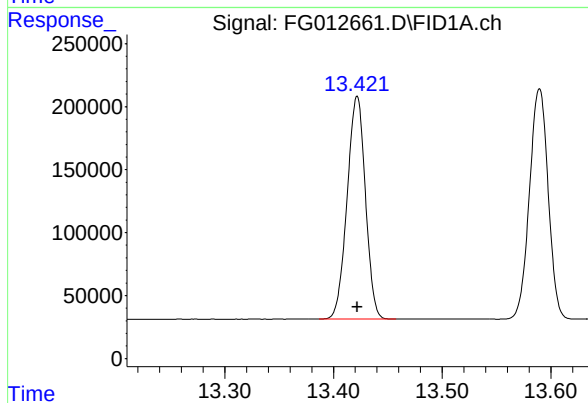
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.000 min
Response: 2190668
Conc: 20.00 ug/ml



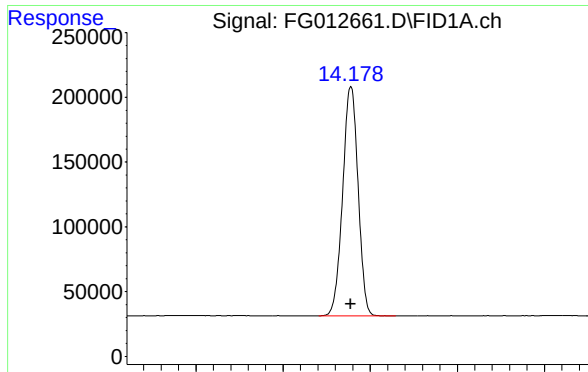
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: 0.000 min
Response: 2192596
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

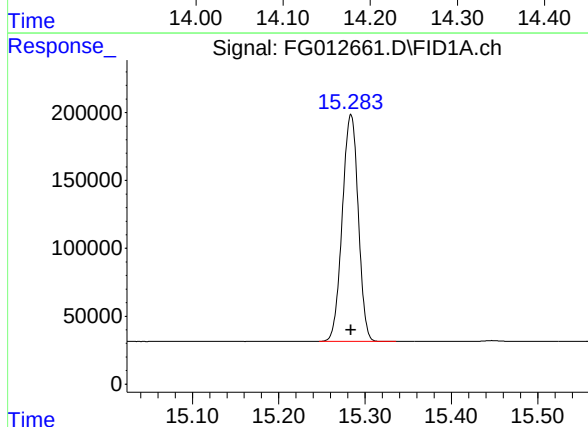
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 2069746
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

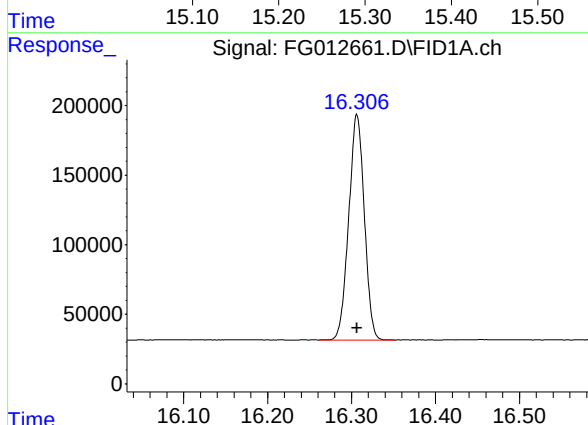
R.T.: 14.178 min
Delta R.T.: 0.000 min
Response: 2176874
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD3



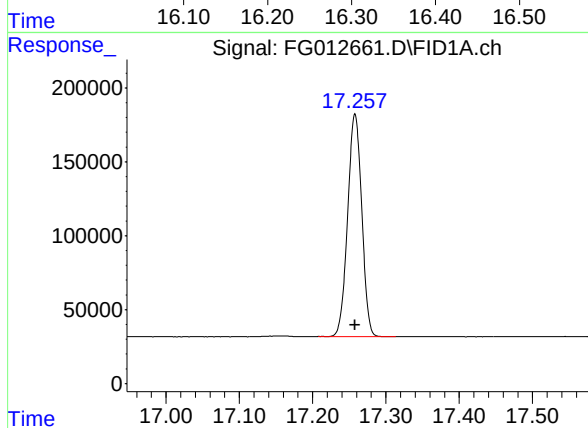
#14 n-Tetracosane (C24)

R.T.: 15.284 min
Delta R.T.: 0.000 min
Response: 2147357
Conc: 20.00 ug/ml



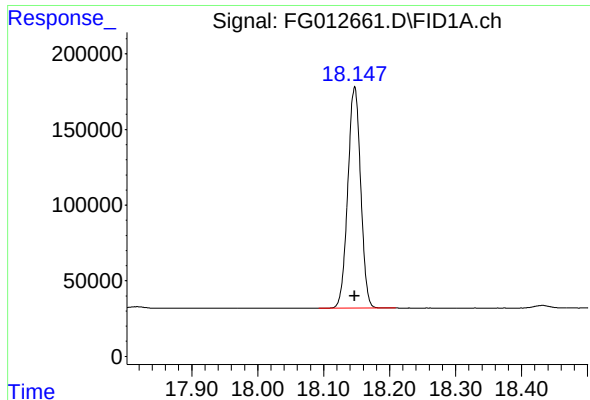
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.000 min
Response: 2092176
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

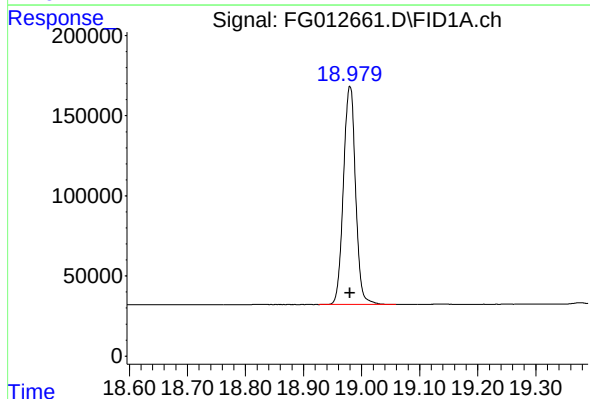
R.T.: 17.258 min
Delta R.T.: 0.000 min
Response: 2013775
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

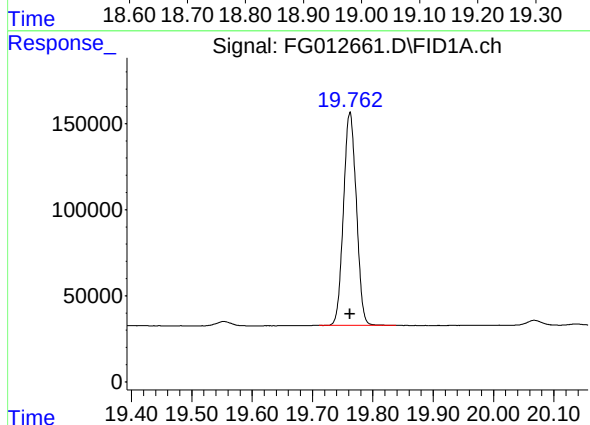
R.T.: 18.147 min
Delta R.T.: 0.000 min
Response: 1982018
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



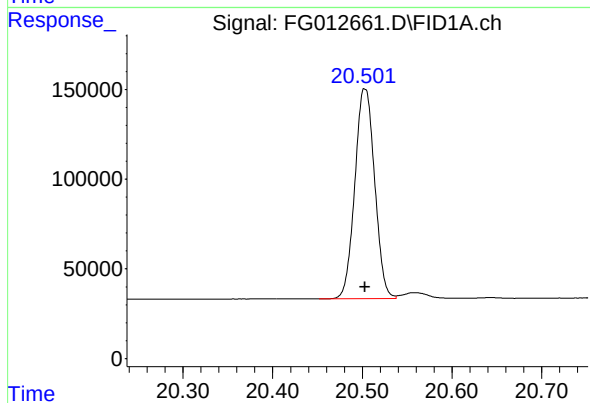
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: 0.000 min
Response: 1974542
Conc: 20.00 ug/ml



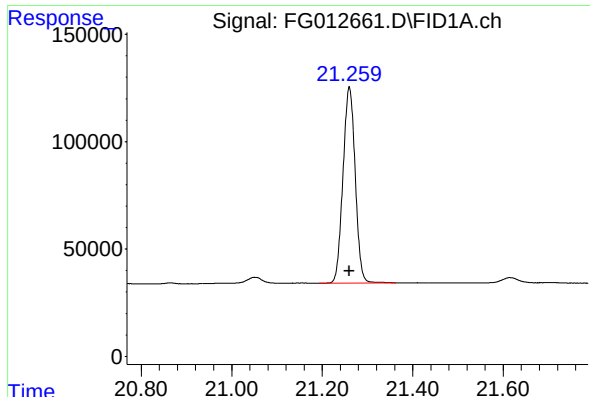
#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: 0.000 min
Response: 1837135
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

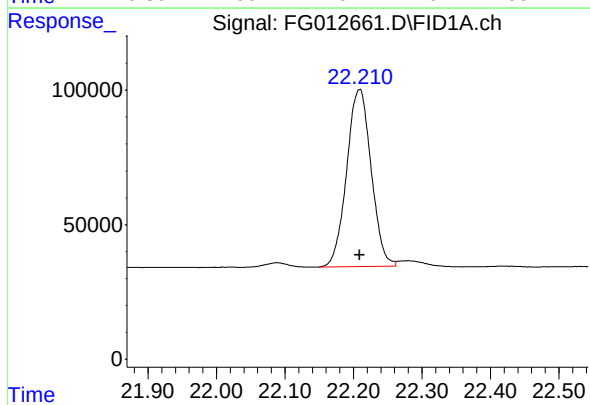
R.T.: 20.503 min
Delta R.T.: 0.000 min
Response: 1798645
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 1711169
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 1641101
Conc: 20.00 ug/ml