

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051923AL\
 Data File : FF012627.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 11:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 19 11:31:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 11:31:02 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)	10.917	3207594	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.349	2374354	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	2.772	2621897	20.000 ug/ml
2) T n-Decane (C10)	3.782	2685342	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.349	2853740	20.000 ug/ml
4) T n-Dodecane (C12)	5.769	2717636	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.398	2710142	20.000 ug/ml
6) T n-Tetradecane (C14)	7.558	2691412	20.000 ug/ml
7) T n-Hexadecane (C16)	9.157	2789945	20.000 ug/ml
8) T n-Octadecane (C18)	10.596	2857826	20.000 ug/ml
10) T n-Eicosane (C20)	11.904	2762626	20.000 ug/ml
11) T n-Heneicosane (C21)	12.515	2707567	20.000 ug/ml
13) T n-Docosane (C22)	13.100	2687835	20.000 ug/ml
14) T n-Tetracosane (C24)	14.201	2647992	20.000 ug/ml
15) T n-Hexacosane (C26)	15.221	2564249	20.000 ug/ml
16) T n-Octacosane (C28)	16.168	2481381	20.000 ug/ml
17) T n-Tricontane (C30)	17.055	2484135	20.000 ug/ml
18) T n-Dotriacontane (C32)	17.886	2434954	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.668	2338347	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.408	2257012	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.139	2248131	20.000 ug/ml
22) T n-Tetracontane (C40)	21.038	2188459	20.000 ug/ml

(f)=RT Delta > 1/2 Window

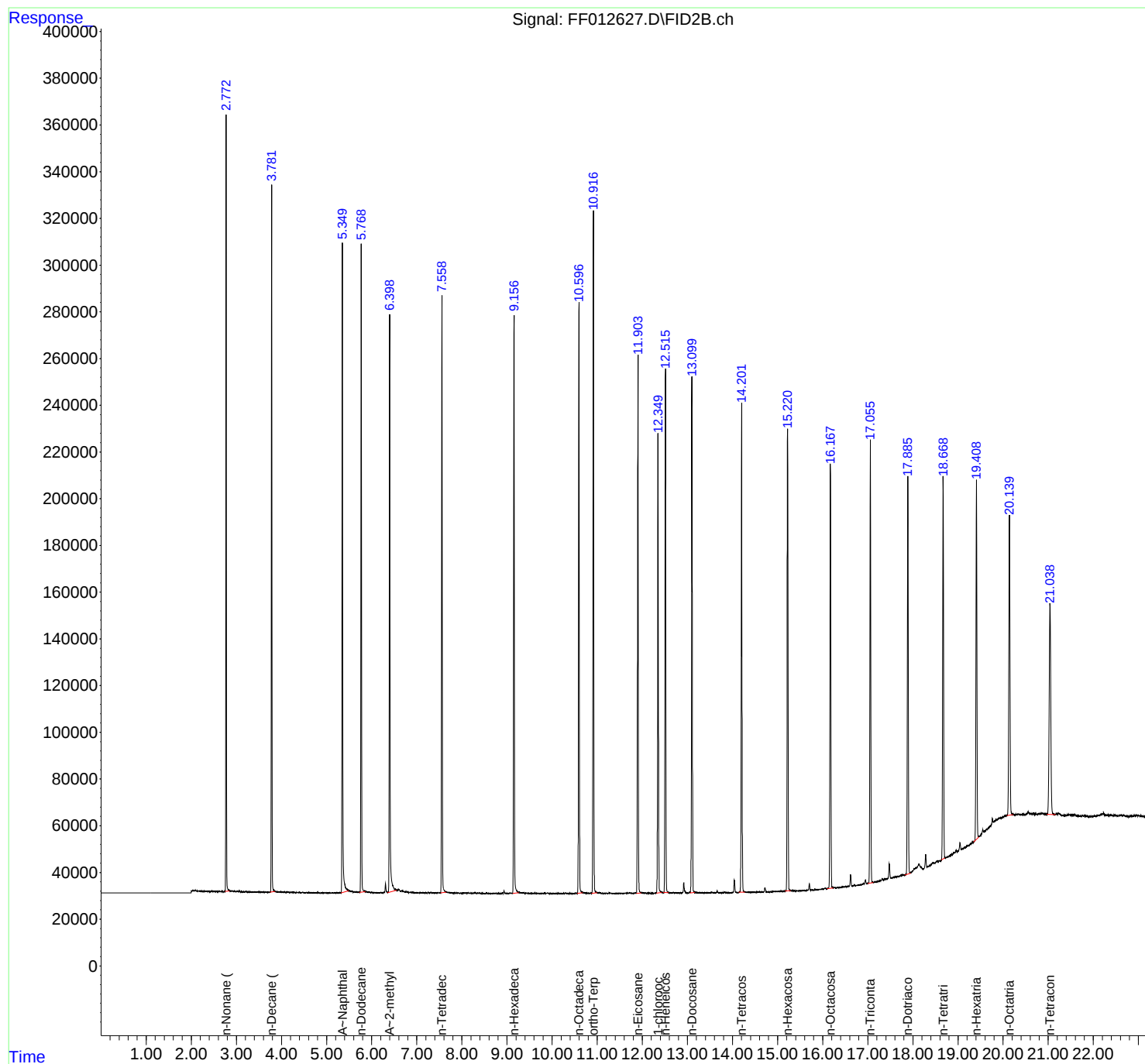
(m)=manual int.

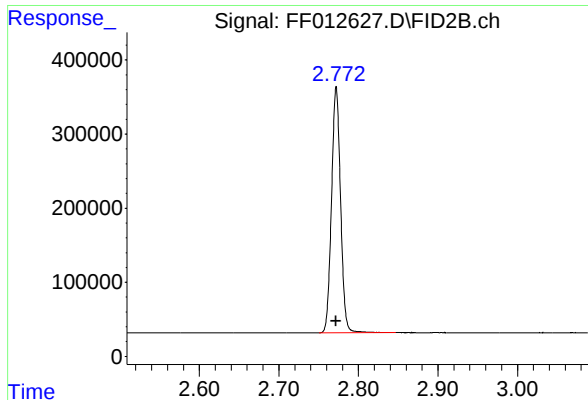
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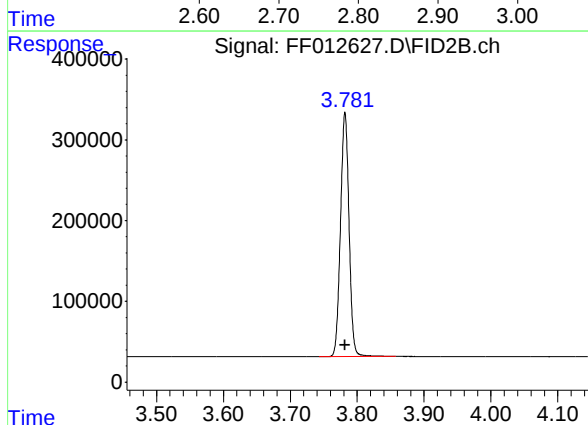




#1 n-Nonane (C9)

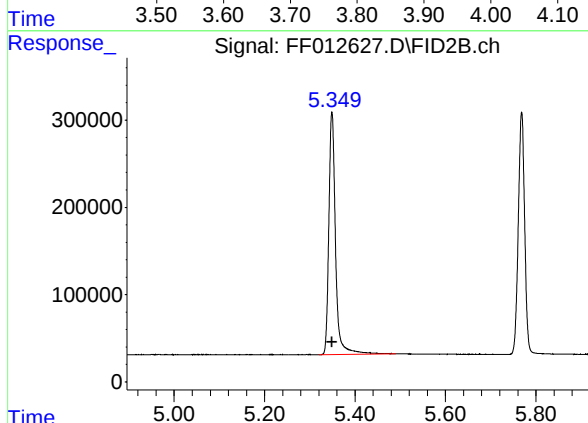
R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 2621897
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



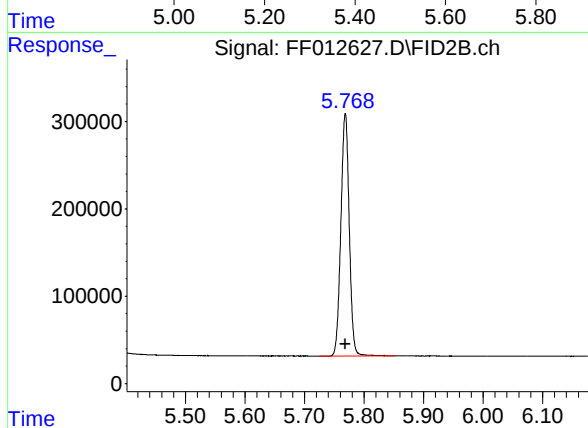
#2 n-Decane (C10)

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 2685342
Conc: 20.00 ug/ml



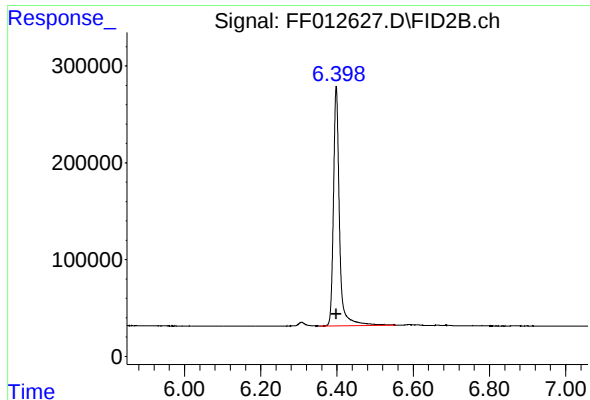
#3 A~Naphthalene (C11.7)

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 2853740
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

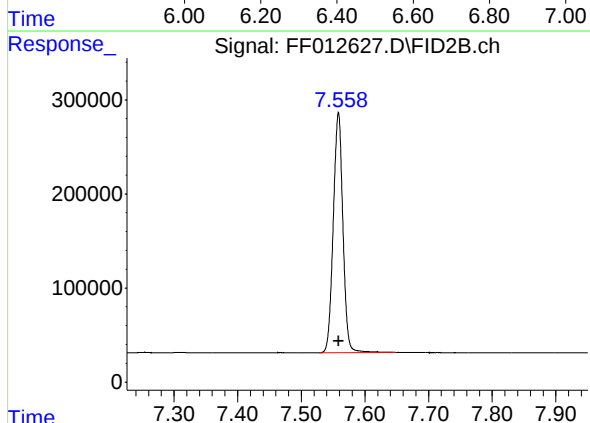
R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 2717636
Conc: 20.00 ug/ml



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

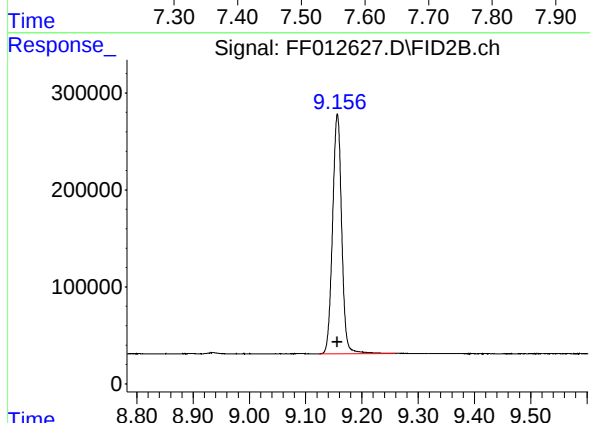
R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 2710142
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



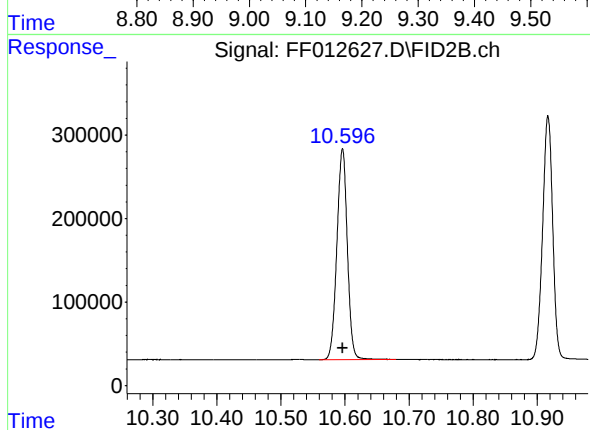
#6 n-Tetradecane (C14)

R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 2691412
Conc: 20.00 ug/ml



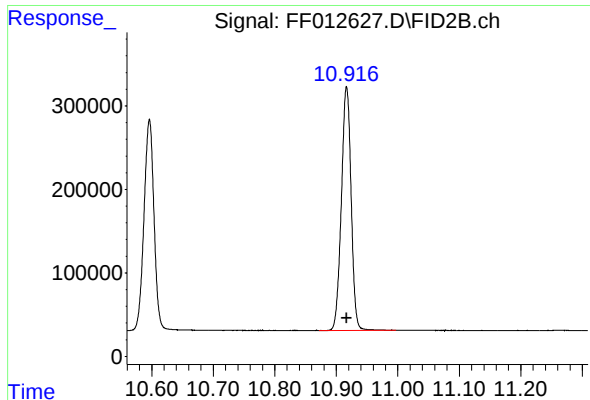
#7 n-Hexadecane (C16)

R.T.: 9.157 min
Delta R.T.: 0.000 min
Response: 2789945
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

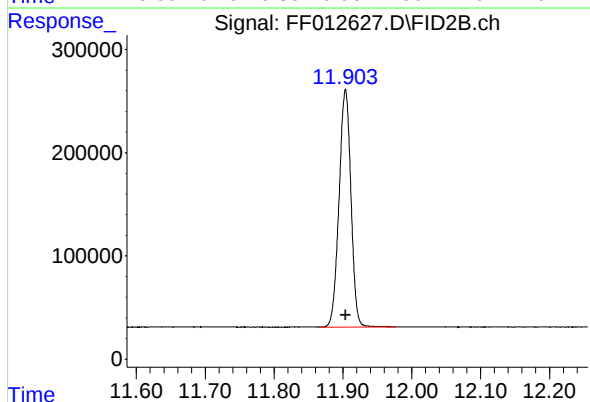
R.T.: 10.596 min
Delta R.T.: 0.000 min
Response: 2857826
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

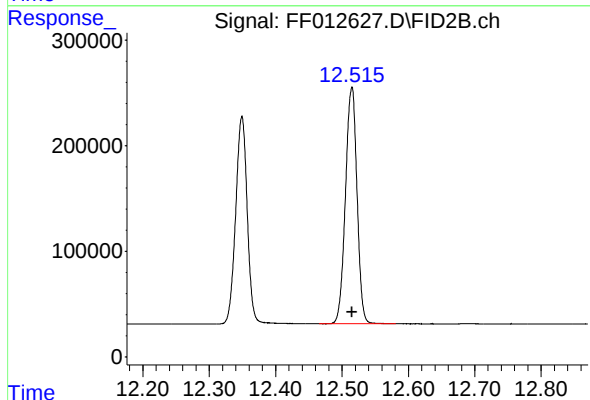
R.T.: 10.917 min
Delta R.T.: 0.000 min
Response: 3207594
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



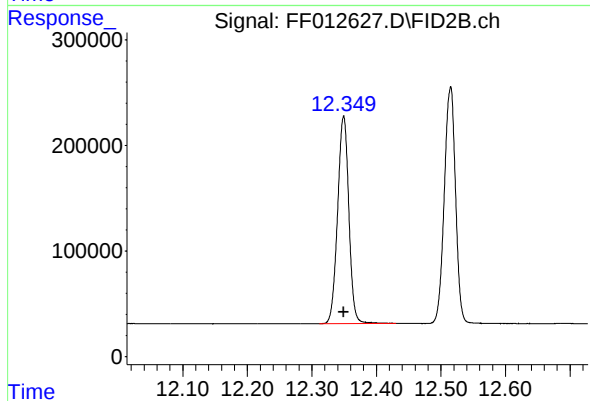
#10 n-Eicosane (C20)

R.T.: 11.904 min
Delta R.T.: 0.000 min
Response: 2762626
Conc: 20.00 ug/ml



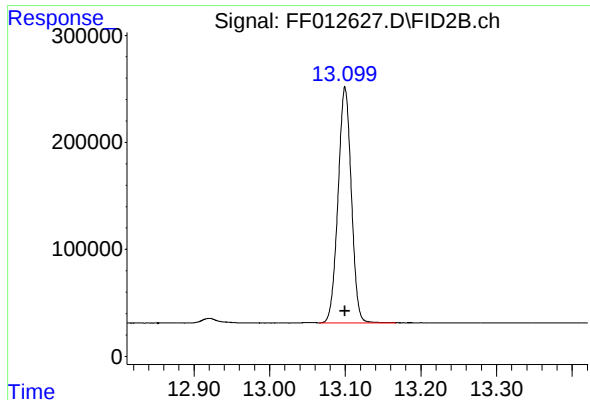
#11 n-Heneicosane (C21)

R.T.: 12.515 min
Delta R.T.: 0.000 min
Response: 2707567
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

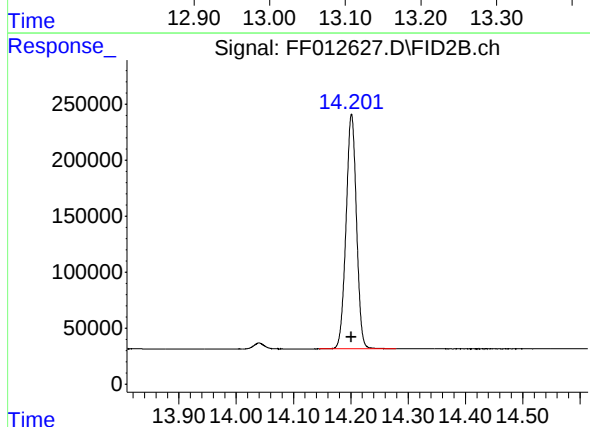
R.T.: 12.349 min
Delta R.T.: 0.000 min
Response: 2374354
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

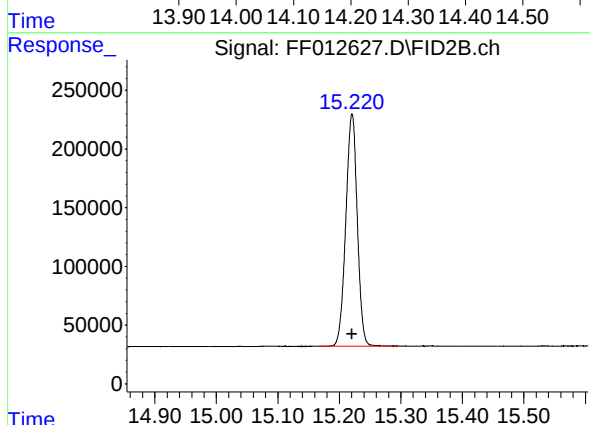
R.T.: 13.100 min
Delta R.T.: 0.000 min
Response: 2687835
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



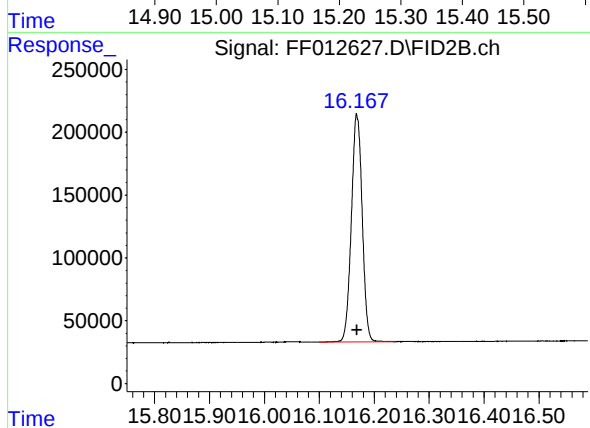
#14 n-Tetracosane (C24)

R.T.: 14.201 min
Delta R.T.: 0.000 min
Response: 2647992
Conc: 20.00 ug/ml



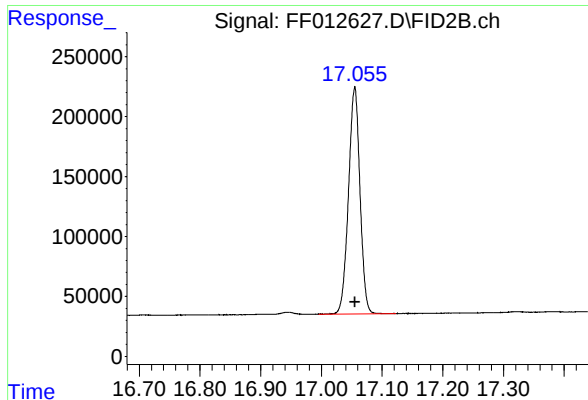
#15 n-Hexacosane (C26)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 2564249
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

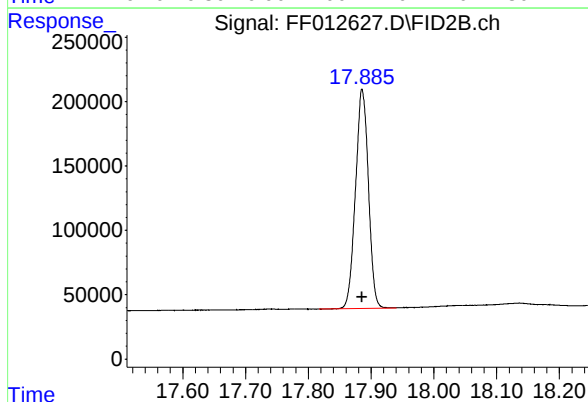
R.T.: 16.168 min
Delta R.T.: 0.000 min
Response: 2481381
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

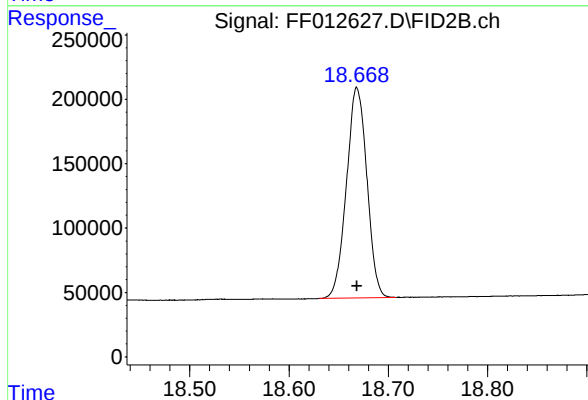
R.T.: 17.055 min
Delta R.T.: 0.000 min
Response: 2484135
Conc: 20.00 ug/ml

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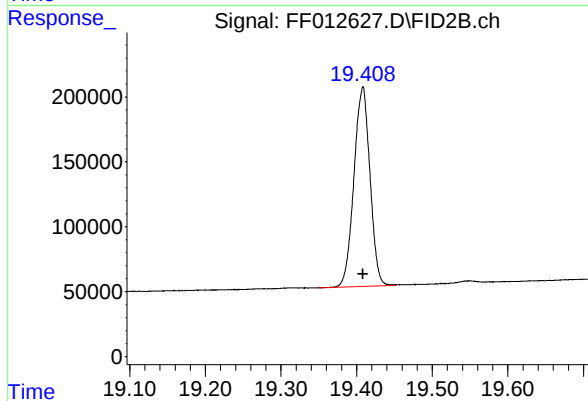
#18 n-Dotriacontane (C32)

R.T.: 17.886 min
Delta R.T.: 0.000 min
Response: 2434954
Conc: 20.00 ug/ml



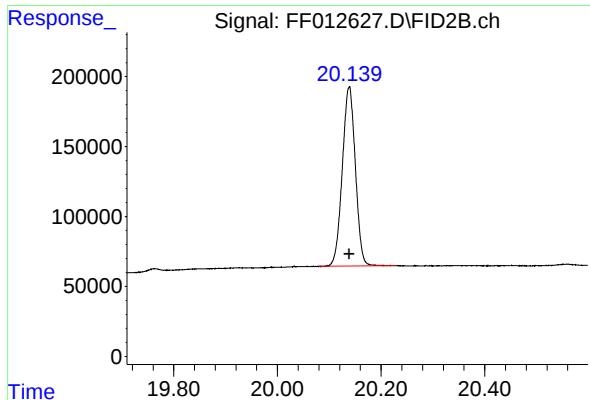
#19 n-Tetatriacontane (C34)

R.T.: 18.668 min
Delta R.T.: 0.000 min
Response: 2338347
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

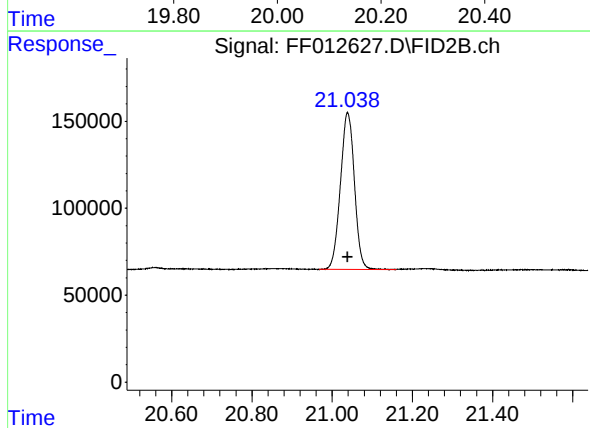
R.T.: 19.408 min
Delta R.T.: 0.000 min
Response: 2257012
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.139 min
Delta R.T.: 0.000 min
Response: 2248131
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.038 min
Delta R.T.: 0.000 min
Response: 2188459
Conc: 20.00 ug/ml