

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082423AL\
 Data File : FF013341.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2023 14:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 25 01:41:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.891	2686337	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.329	2071073	19.763 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	3.281	2047922	19.166 ug/ml
2) T n-Decane (C10)	4.535	2052500	19.153 ug/ml
3) T A~Naphthalene (C11.7)	6.234	2279292	19.253 ug/ml
4) T n-Dodecane (C12)	6.699	2088984	19.305 ug/ml
5) T A~2-methylnaphthalene...	7.328	2288830	19.310 ug/ml
6) T n-Tetradecane (C14)	8.525	2096655	19.424 ug/ml
7) T n-Hexadecane (C16)	10.132	2126833	19.620 ug/ml
8) T n-Octadecane (C18)	11.575	2159310	19.720 ug/ml
10) T n-Eicosane (C20)	12.885	2177698	19.846 ug/ml
11) T n-Heneicosane (C21)	13.497	2171168	19.762 ug/ml
13) T n-Docosane (C22)	14.083	2191727	19.963 ug/ml
14) T n-Tetracosane (C24)	15.186	2239809	20.387 ug/ml
15) T n-Hexacosane (C26)	16.207	2216894	20.284 ug/ml
16) T n-Octacosane (C28)	17.157	2205662	20.428 ug/ml
17) T n-Tricontane (C30)	18.043	2247709	20.554 ug/ml
18) T n-Dotriacontane (C32)	18.877	2220089	19.654 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2017442	18.993 ug/ml
20) T n-Hexatriacontane (C36)	20.396	1957598	18.573 ug/ml
21) T n-Octatriacontane (C38)	21.127	1897934	18.792 ug/ml
22) T n-Tetracontane (C40)	22.025	2042191	20.547 ug/ml

(f)=RT Delta > 1/2 Window

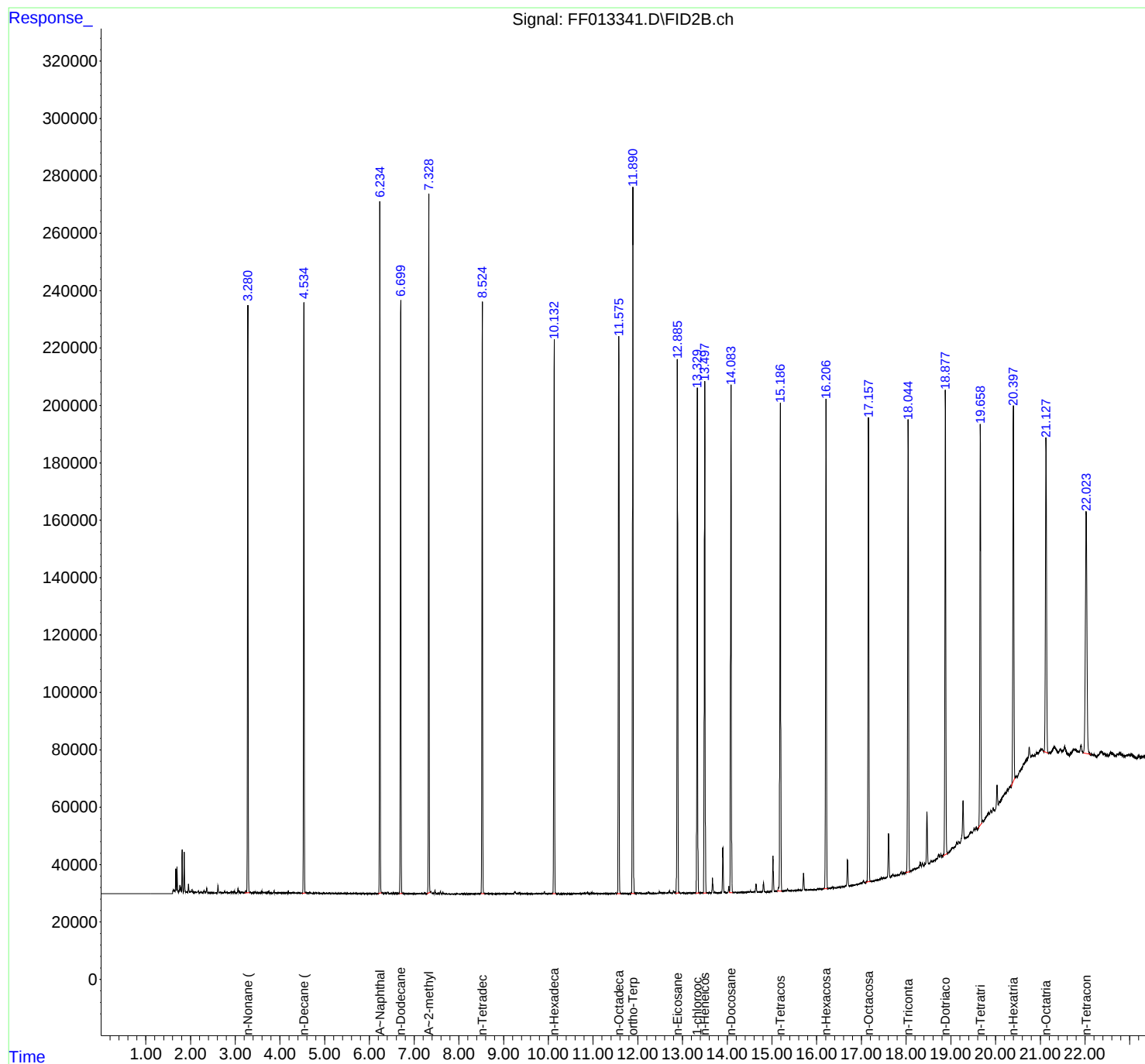
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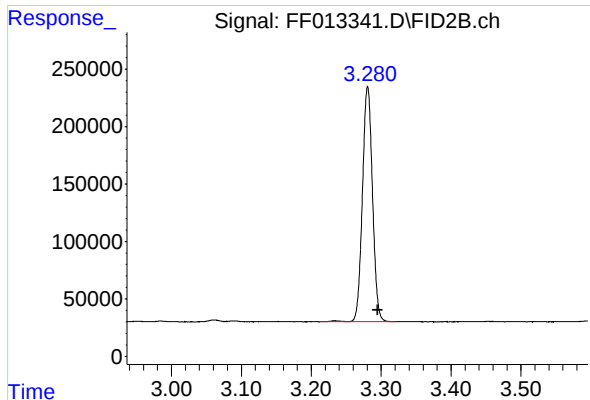
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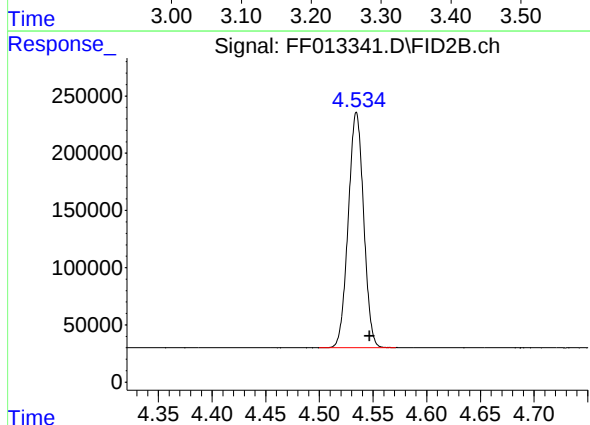




#1 n-Nonane (C9)

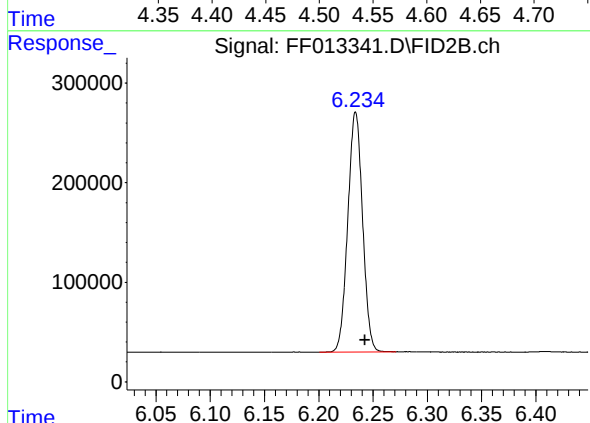
R.T.: 3.281 min
Delta R.T.: -0.014 min
Response: 2047922
Conc: 19.17 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



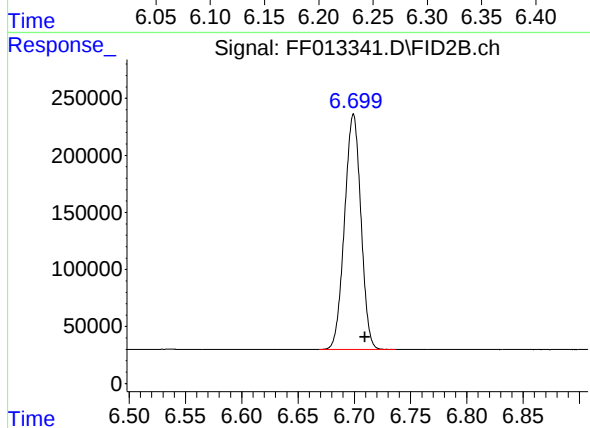
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 2052500
Conc: 19.15 ug/ml



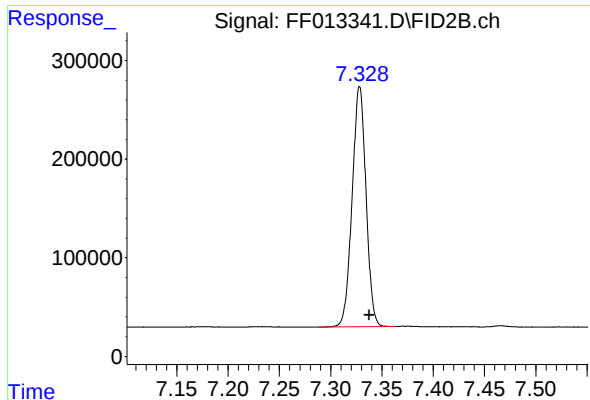
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.008 min
Response: 2279292
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

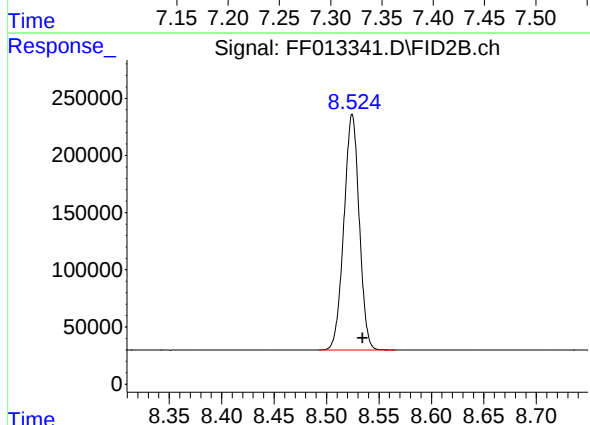
R.T.: 6.699 min
Delta R.T.: -0.010 min
Response: 2088984
Conc: 19.31 ug/ml



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

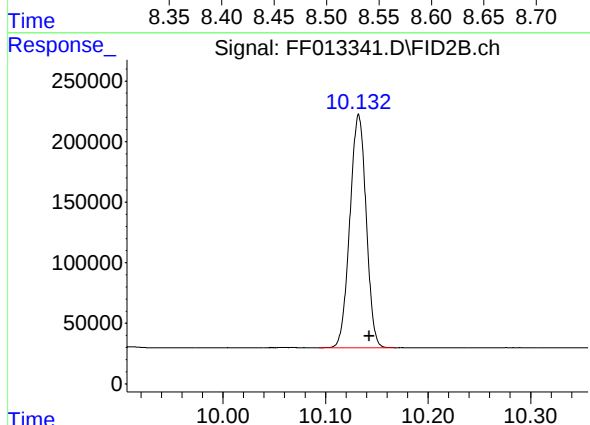
R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 2288830
Conc: 19.31 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



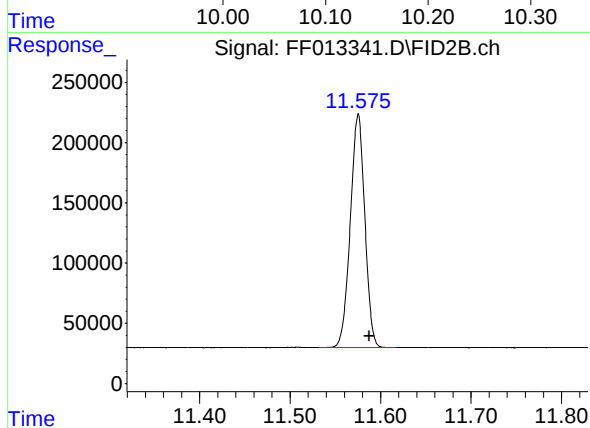
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.010 min
Response: 2096655
Conc: 19.42 ug/ml



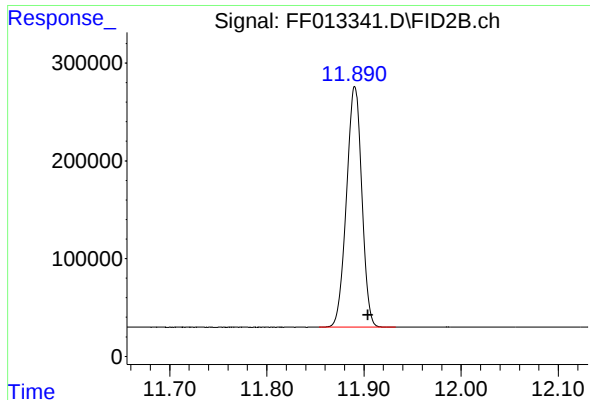
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.010 min
Response: 2126833
Conc: 19.62 ug/ml



#8 n-Octadecane (C18)

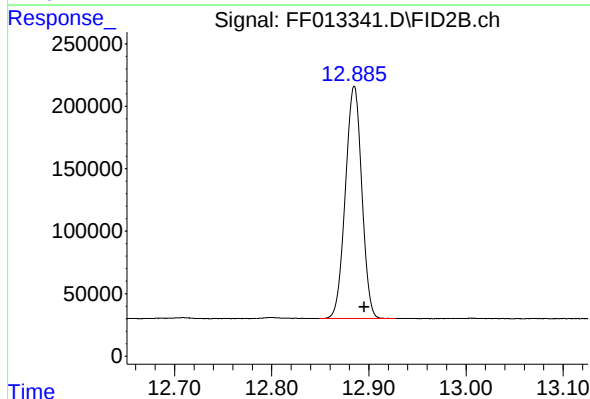
R.T.: 11.575 min
Delta R.T.: -0.012 min
Response: 2159310
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

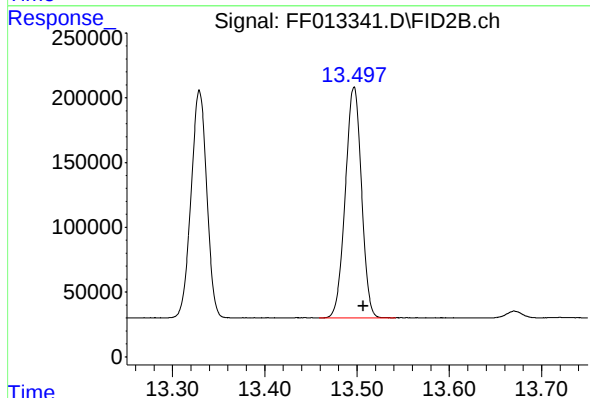
R.T.: 11.891 min
Delta R.T.: -0.014 min
Response: 2686337
Conc: 19.55 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



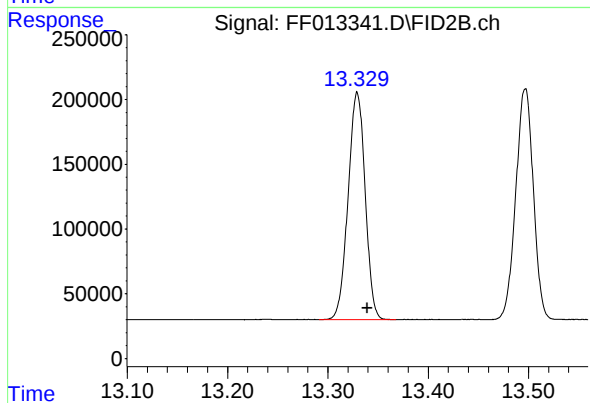
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 2177698
Conc: 19.85 ug/ml



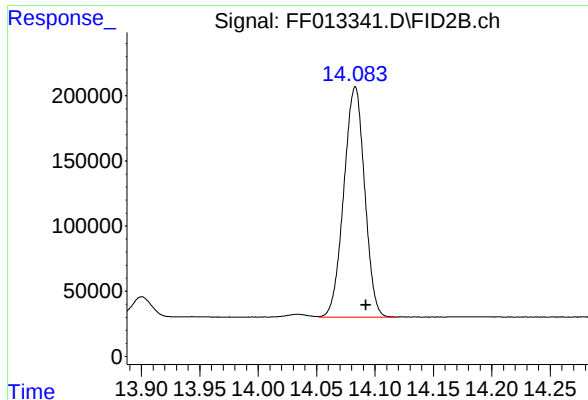
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 2171168
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

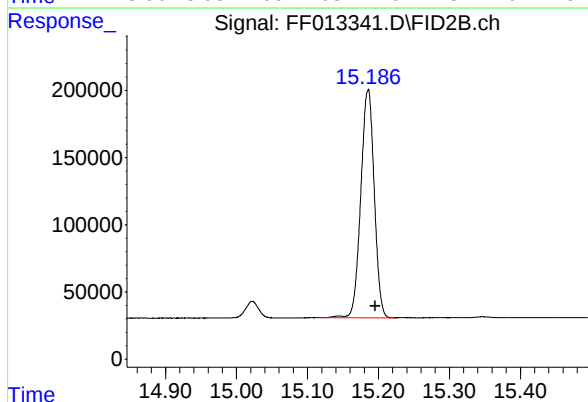
R.T.: 13.329 min
Delta R.T.: -0.010 min
Response: 2071073
Conc: 19.76 ug/ml



#13 n-Docosane (C22)

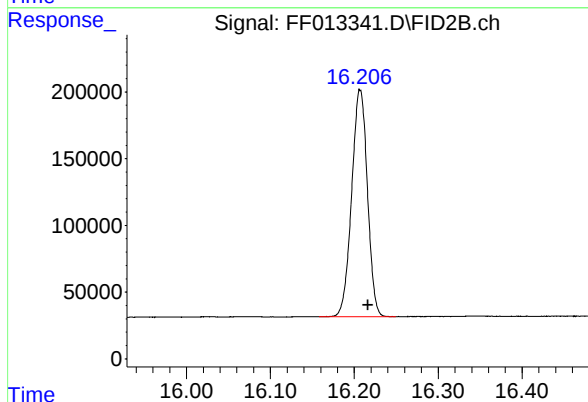
R.T.: 14.083 min
Delta R.T.: -0.009 min
Response: 2191727
Conc: 19.96 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



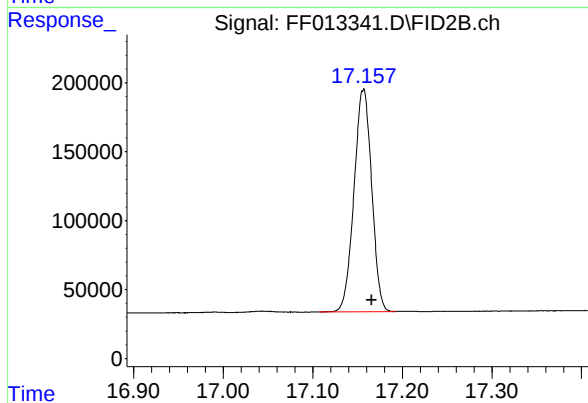
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 2239809
Conc: 20.39 ug/ml



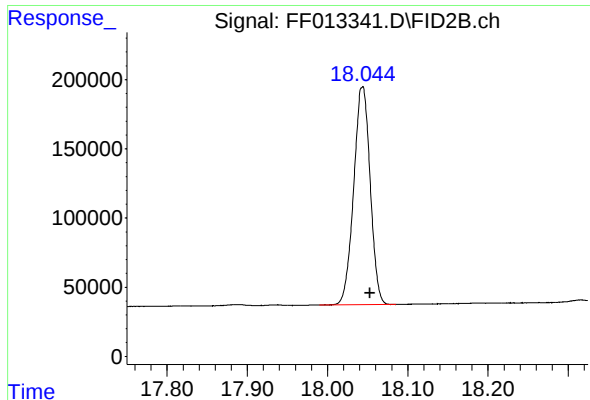
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.009 min
Response: 2216894
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

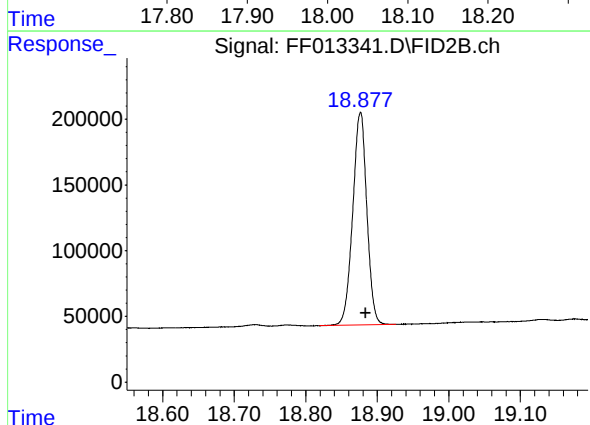
R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 2205662
Conc: 20.43 ug/ml



#17 n-Tricontane (C30)

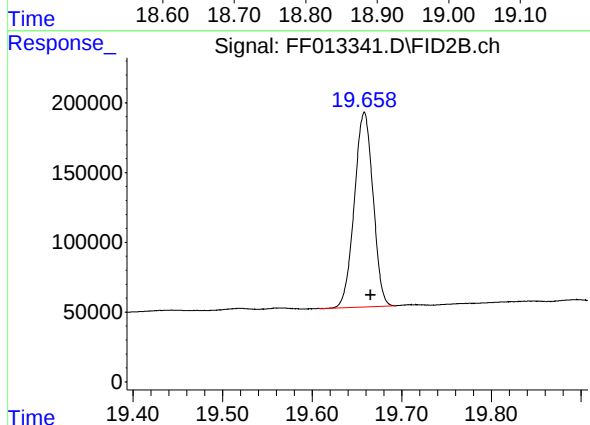
R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 2247709
Conc: 20.55 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



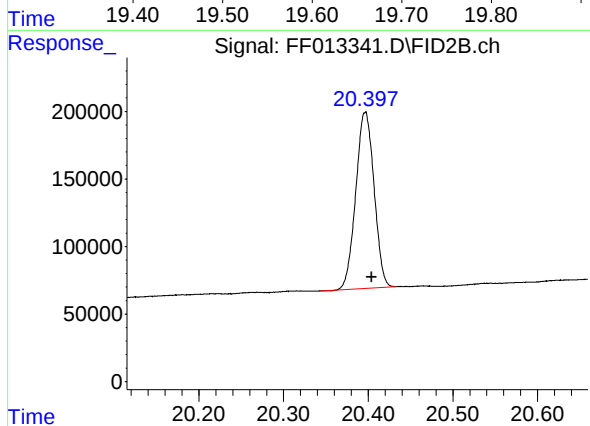
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.007 min
Response: 2220089
Conc: 19.65 ug/ml



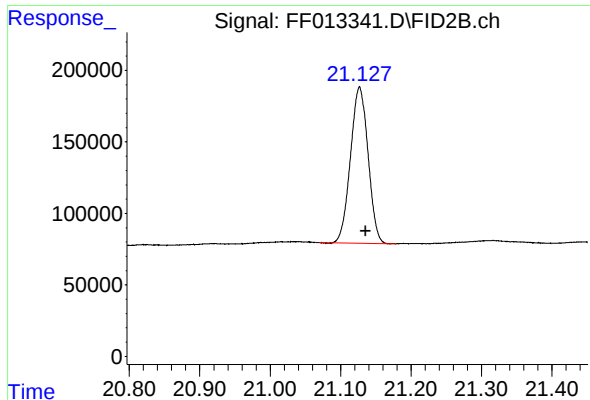
#19 n-Tetatriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.007 min
Response: 2017442
Conc: 18.99 ug/ml



#20 n-Hexatriacontane (C36)

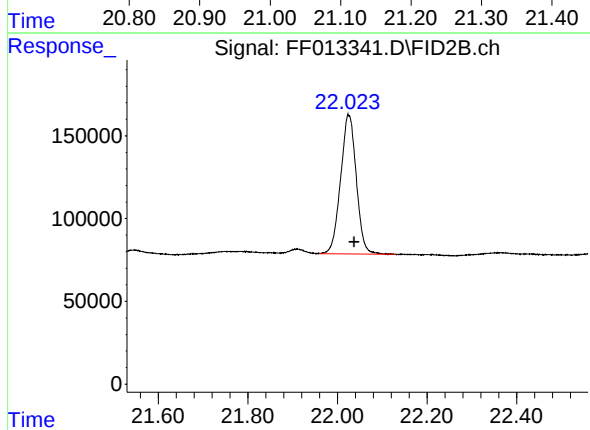
R.T.: 20.396 min
Delta R.T.: -0.007 min
Response: 1957598
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.009 min
Response: 1897934
Conc: 18.79 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: -0.013 min
Response: 2042191
Conc: 20.55 ug/ml