

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072924AL\
 Data File : FF014315.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jul 2024 21:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 30 06:08:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 2024
 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)	11.821	2808065	19.938 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	13.263	1902173	20.345 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
Target Compounds			
1) T n-Nonane (C9)	3.221	2569218	19.879 ug/ml
2) T n-Decane (C10)	4.470	2614250	19.952 ug/ml
3) T A~Naphthalene (C11.7)	6.165	2577504	20.243 ug/ml
4) T n-Dodecane (C12)	6.635	2647043	20.016 ug/ml
5) T A~2-methylnaphthalene...	7.260	2367032	20.431 ug/ml
6) T n-Tetradecane (C14)	8.461	2574778	20.002 ug/ml
7) T n-Hexadecane (C16)	10.068	2619337	20.230 ug/ml
8) T n-Octadecane (C18)	11.510	2667653	20.204 ug/ml
10) T n-Eicosane (C20)	12.820	2527386	20.109 ug/ml
11) T n-Heneicosane (C21)	13.432	2464117	20.090 ug/ml
13) T n-Docosane (C22)	14.018	2409804	20.109 ug/ml
14) T n-Tetracosane (C24)	15.120	2335568	19.984 ug/ml
15) T n-Hexacosane (C26)	16.144	2255639	19.957 ug/ml
16) T n-Octacosane (C28)	17.094	2184802	19.820 ug/ml
17) T n-Tricontane (C30)	17.981	2177957	19.513 ug/ml
18) T n-Dotriacontane (C32)	18.814	2093234	19.071 ug/ml
19) T n-Tetratriacontane (C34)	19.597	1930710	18.809 ug/ml
20) T n-Hexatriacontane (C36)	20.339	1650378	18.486 ug/ml
21) T n-Octatriacontane (C38)	21.059	1279547	18.580 ug/ml
22) T n-Tetracontane (C40)	21.938	775336	17.330 ug/ml

(f)=RT Delta > 1/2 Window

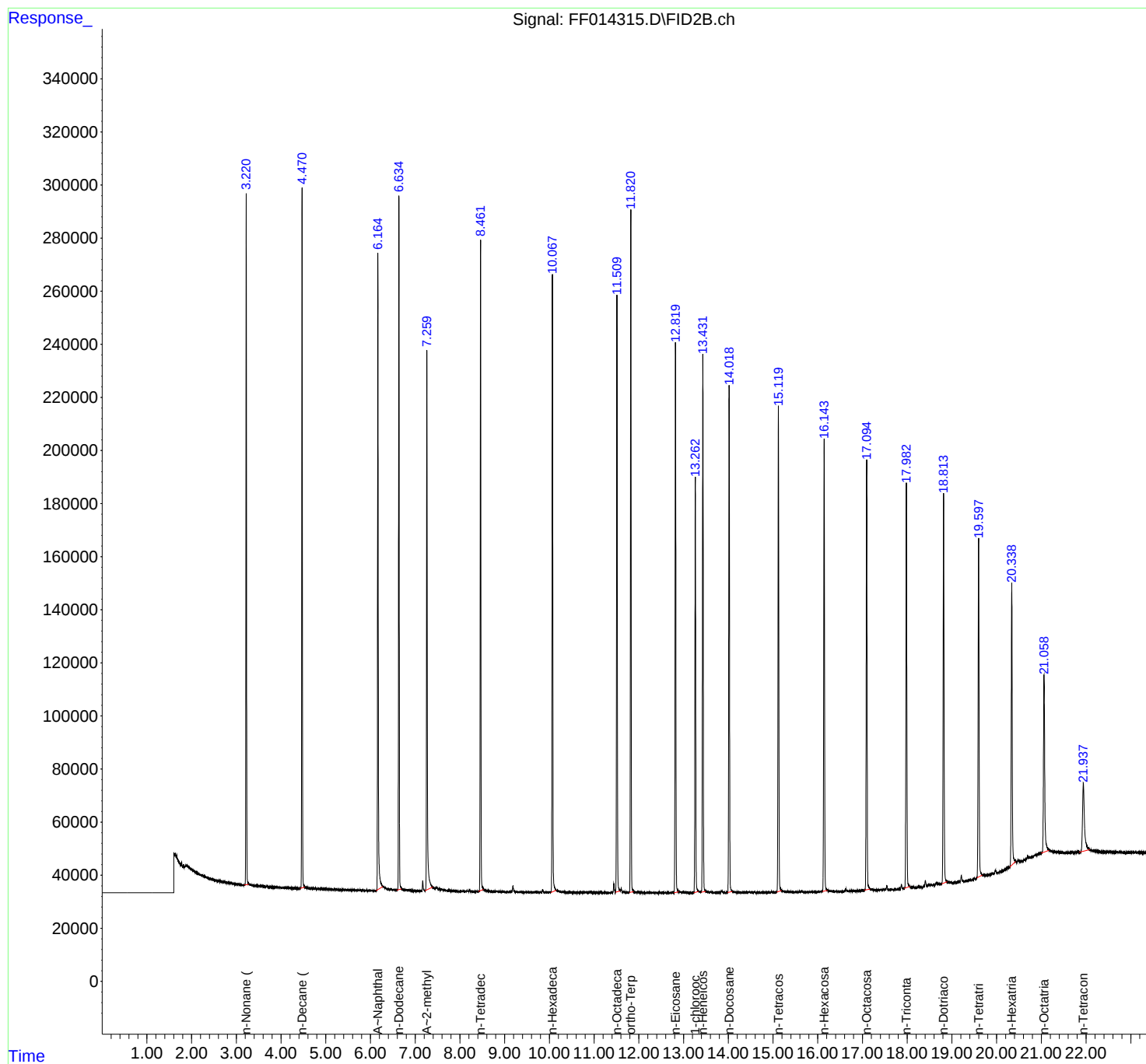
(m)=manual int.

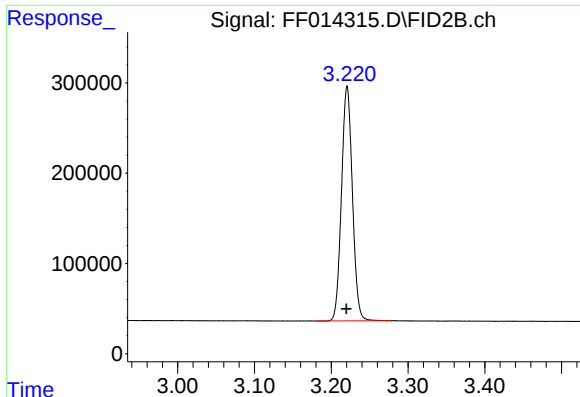
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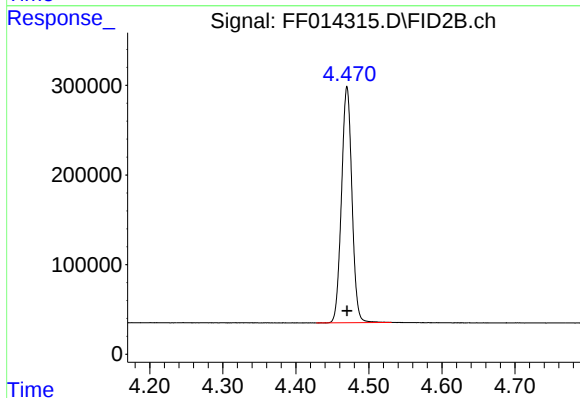




#1 n-Nonane (C9)

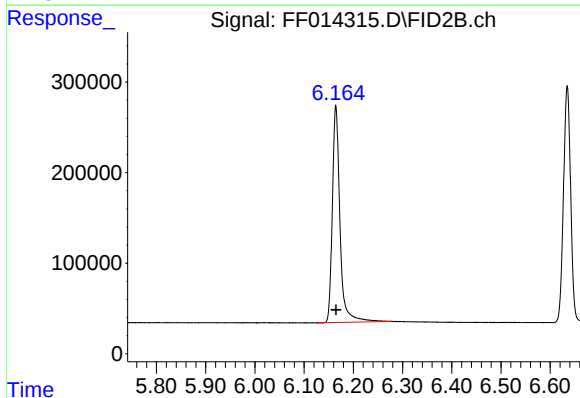
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 2569218
Conc: 19.88 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



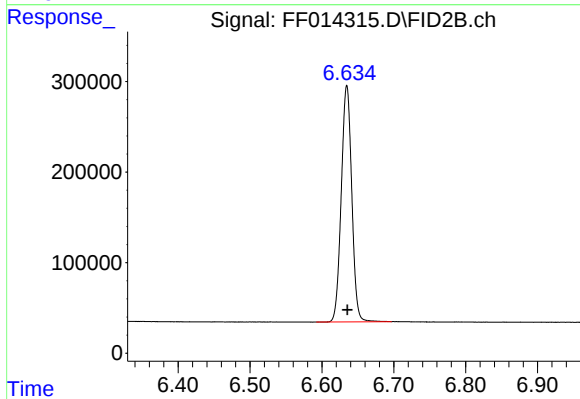
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 2614250
Conc: 19.95 ug/ml



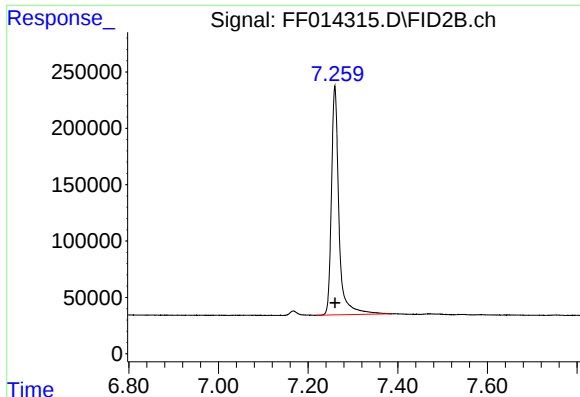
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 2577504
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

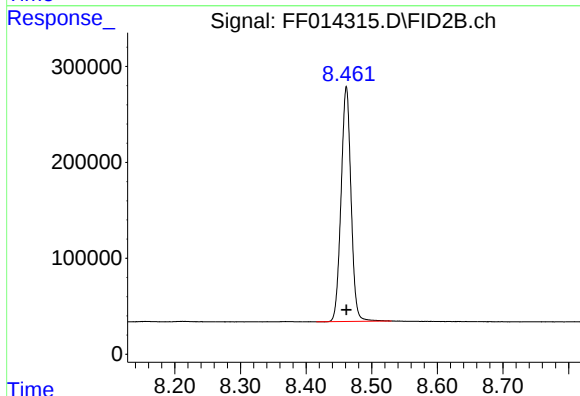
R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 2647043
Conc: 20.02 ug/ml



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

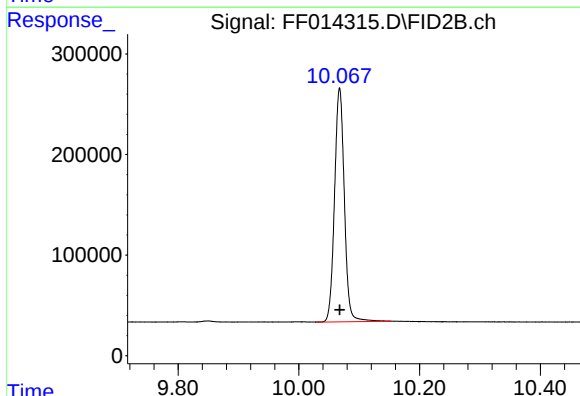
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 2367032
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



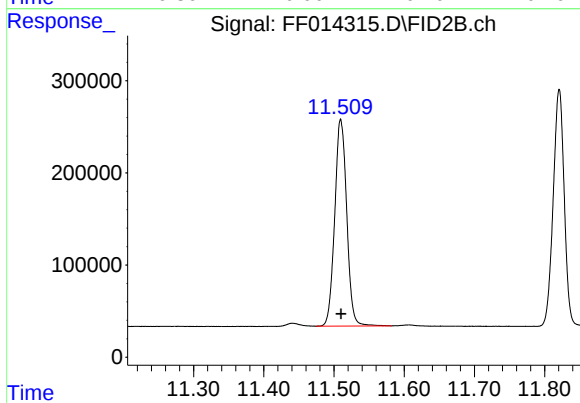
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 2574778
Conc: 20.00 ug/ml



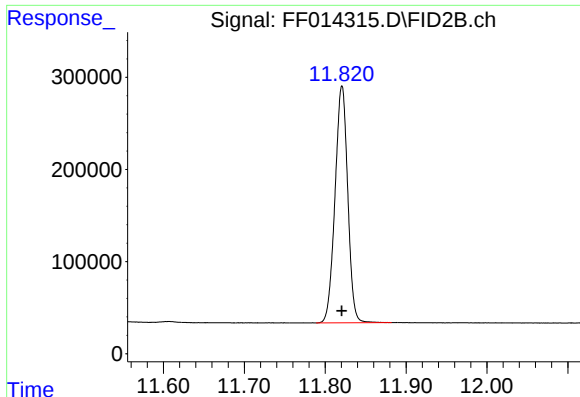
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: 0.000 min
Response: 2619337
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

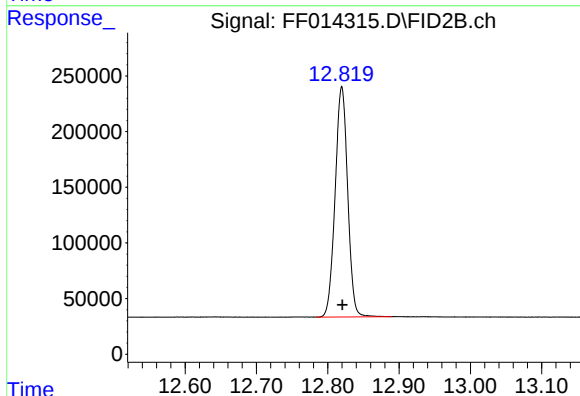
R.T.: 11.510 min
Delta R.T.: 0.000 min
Response: 2667653
Conc: 20.20 ug/ml



#9 ortho-Terphenyl (SURR)

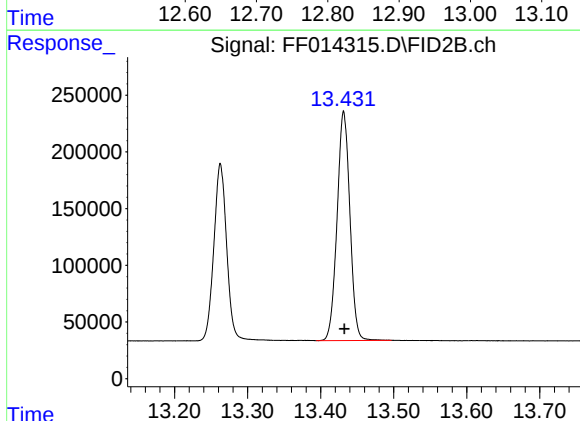
R.T.: 11.821 min
Delta R.T.: 0.000 min
Response: 2808065
Conc: 19.94 ug/ml

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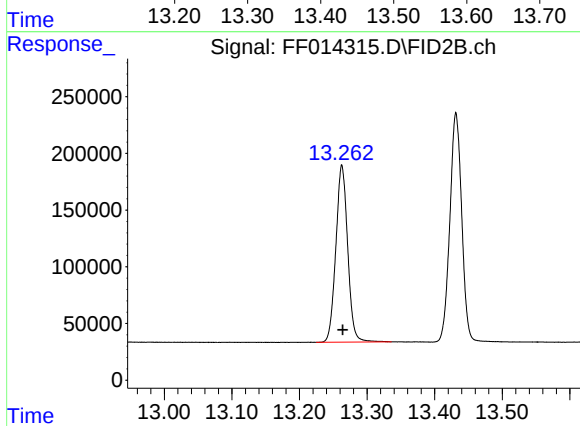
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.000 min
Response: 2527386
Conc: 20.11 ug/ml



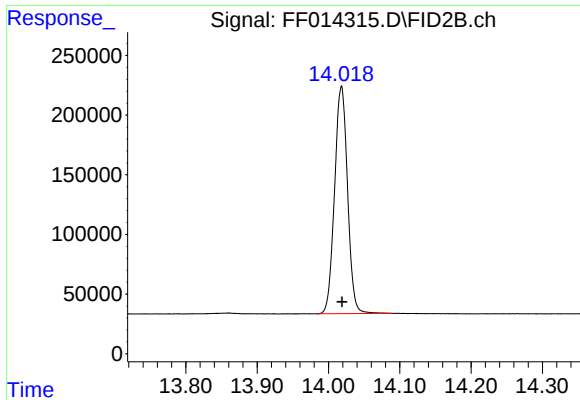
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: -0.001 min
Response: 2464117
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

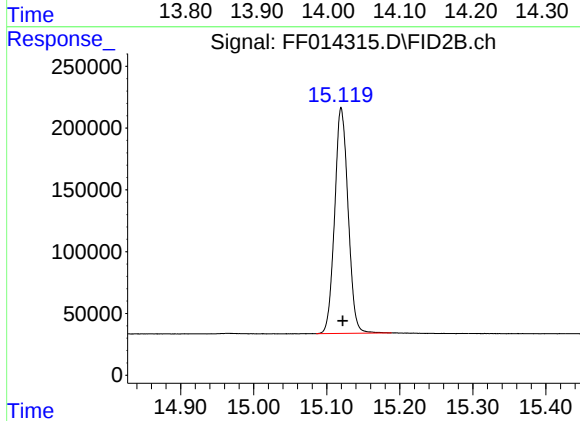
R.T.: 13.263 min
Delta R.T.: -0.001 min
Response: 1902173
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

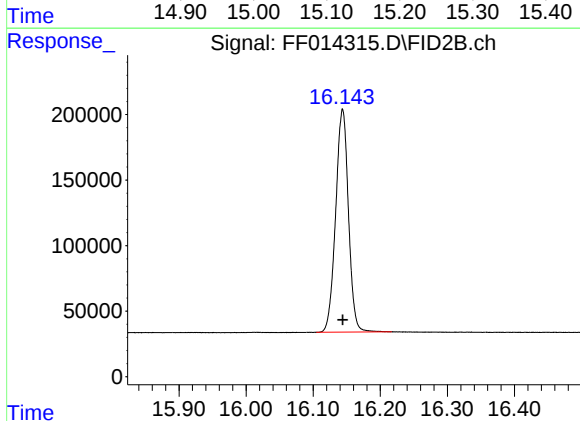
R.T.: 14.018 min
Delta R.T.: 0.000 min
Response: 2409804
Conc: 20.11 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



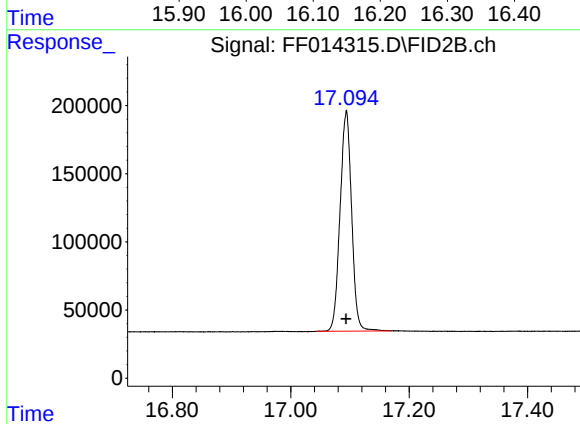
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.002 min
Response: 2335568
Conc: 19.98 ug/ml



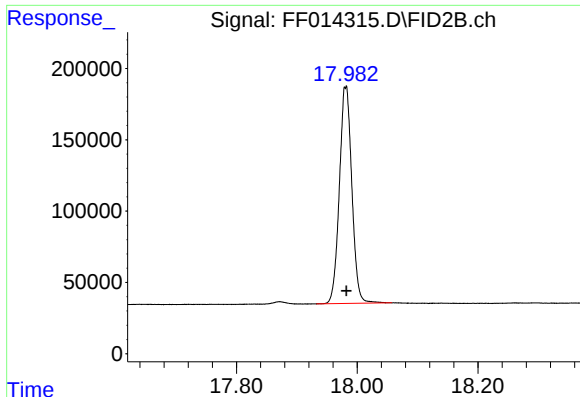
#15 n-Hexacosane (C26)

R.T.: 16.144 min
Delta R.T.: 0.000 min
Response: 2255639
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

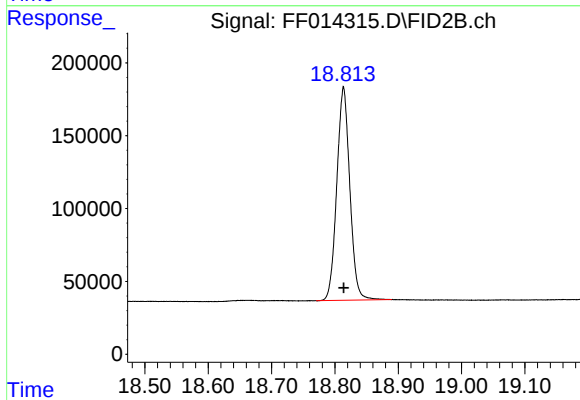
R.T.: 17.094 min
Delta R.T.: 0.000 min
Response: 2184802
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

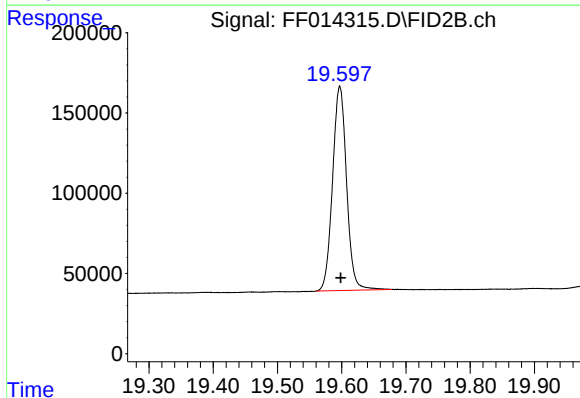
R.T.: 17.981 min
Delta R.T.: -0.001 min
Response: 2177957
Conc: 19.51 ug/ml

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20 PPM ALIPHATIC HC STD



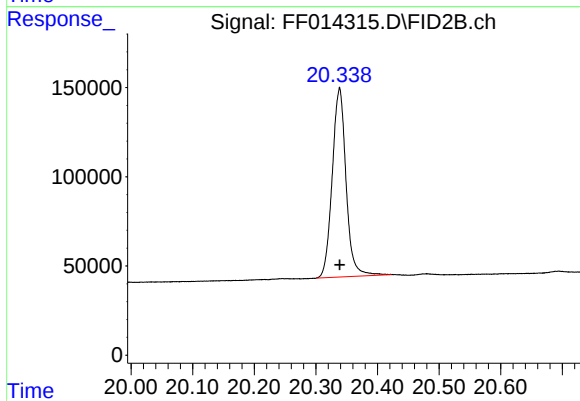
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: 0.000 min
Response: 2093234
Conc: 19.07 ug/ml



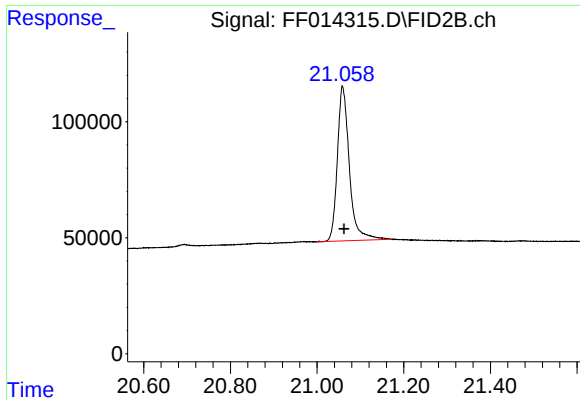
#19 n-Tetratriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.002 min
Response: 1930710
Conc: 18.81 ug/ml



#20 n-Hexatriacontane (C36)

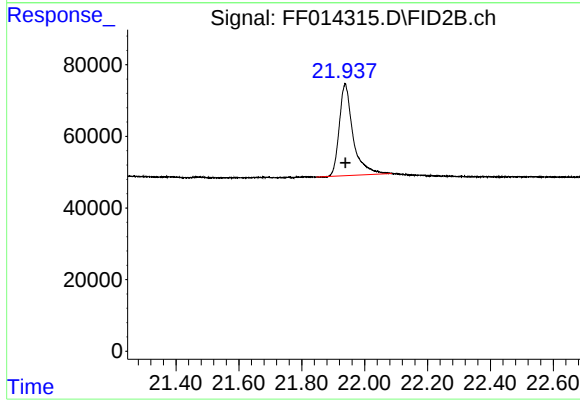
R.T.: 20.339 min
Delta R.T.: 0.000 min
Response: 1650378
Conc: 18.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.004 min
Response: 1279547
Conc: 18.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: -0.001 min
Response: 775336
Conc: 17.33 ug/ml