

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AL\
 Data File : FD043813.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2022 17:38
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 07 18:04:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 2022
 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)	11.323	3392773	19.838 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
12) S 1-chlorooctadecane (S...	12.739	2664454	20.025 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
Target Compounds			
1) T n-Nonane (C9)	3.156	2899770	20.136 ug/ml
2) T n-Decane (C10)	4.204	2915397	20.105 ug/ml
3) T A~Naphthalene (C11.7)	5.779	2838444	20.063 ug/ml
4) T n-Dodecane (C12)	6.202	2986062	19.961 ug/ml
5) T A~2-methylnaphthalene...	6.825	2745080	19.890 ug/ml
6) T n-Tetradecane (C14)	7.982	3008470	19.934 ug/ml
7) T n-Hexadecane (C16)	9.569	3056841	19.985 ug/ml
8) T n-Octadecane (C18)	10.999	3138580	19.906 ug/ml
10) T n-Eicosane (C20)	12.298	3185932	19.910 ug/ml
11) T n-Heneicosane (C21)	12.904	3207993	19.886 ug/ml
13) T n-Docosane (C22)	13.486	3211130	19.971 ug/ml
14) T n-Tetracosane (C24)	14.577	3186116	20.105 ug/ml
15) T n-Hexacosane (C26)	15.589	3154706	20.255 ug/ml
16) T n-Octacosane (C28)	16.530	3066247	20.251 ug/ml
17) T n-Tricontane (C30)	17.407	3025025	20.302 ug/ml
18) T n-Dotriacontane (C32)	18.230	2907296	20.366 ug/ml
19) T n-Tetratriacontane (C34)	19.003	2650806	20.282 ug/ml
20) T n-Hexatriacontane (C36)	19.734	2524153	20.394 ug/ml
21) T n-Octatriacontane (C38)	20.426	2375332	20.332 ug/ml
22) T n-Tetracontane (C40)	21.192	2250042	20.358 ug/ml

(f)=RT Delta > 1/2 Window

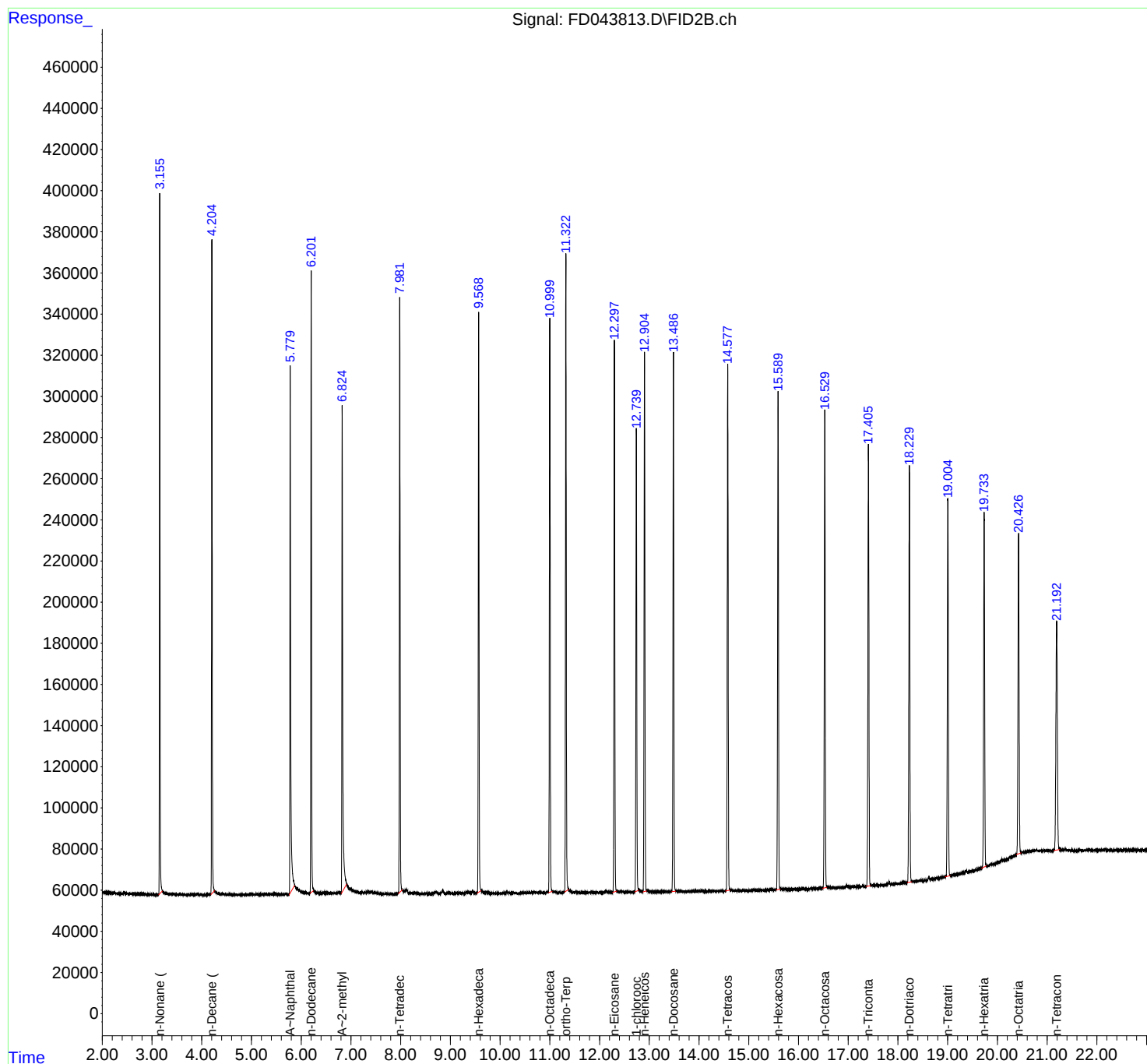
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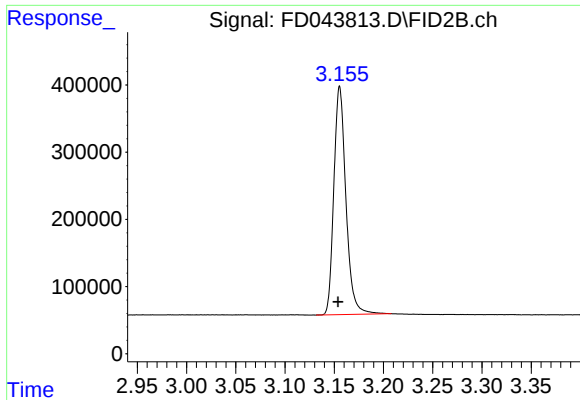
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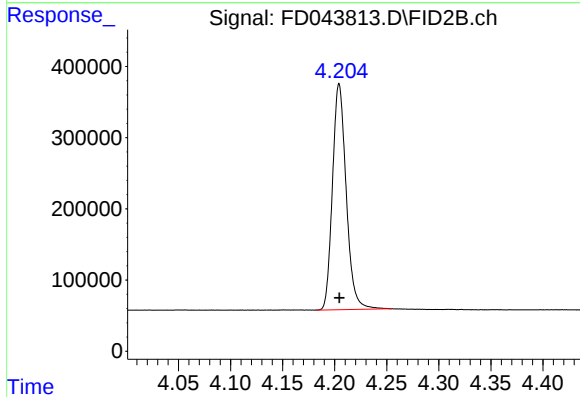




#1 n-Nonane (C9)

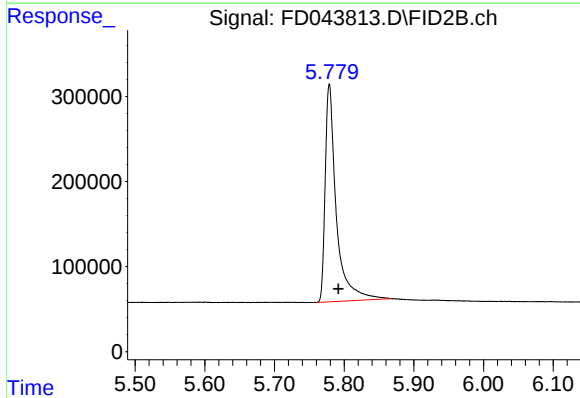
R.T.: 3.156 min
Delta R.T.: 0.002 min
Response: 2899770
Conc: 20.14 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



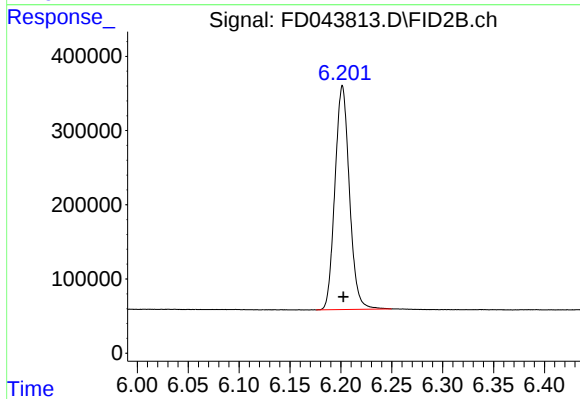
#2 n-Decane (C10)

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2915397
Conc: 20.11 ug/ml



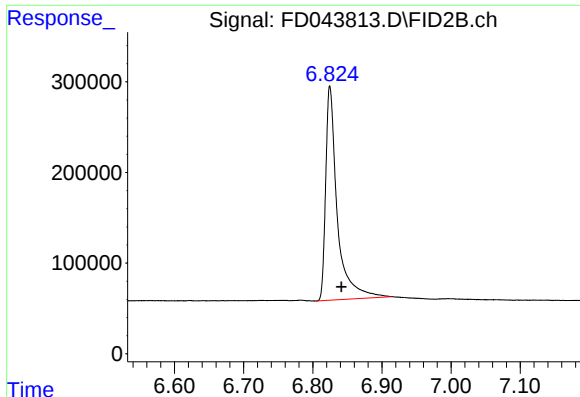
#3 A~Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: -0.013 min
Response: 2838444
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 2986062
Conc: 19.96 ug/ml



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

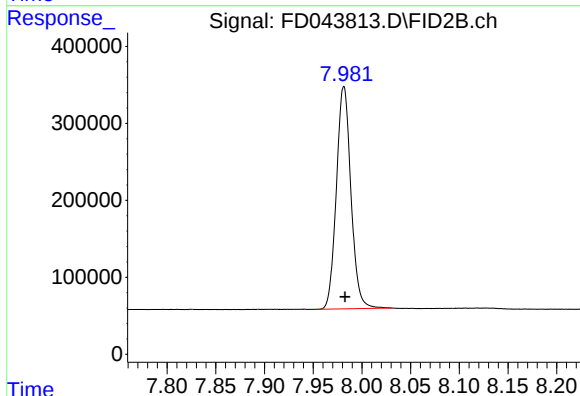
R.T.: 6.825 min
Delta R.T.: -0.017 min
Response: 2745080
Conc: 19.89 ug/ml

Instrument :

FID_D

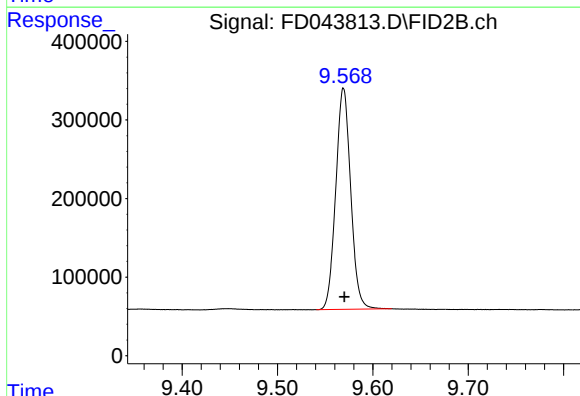
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



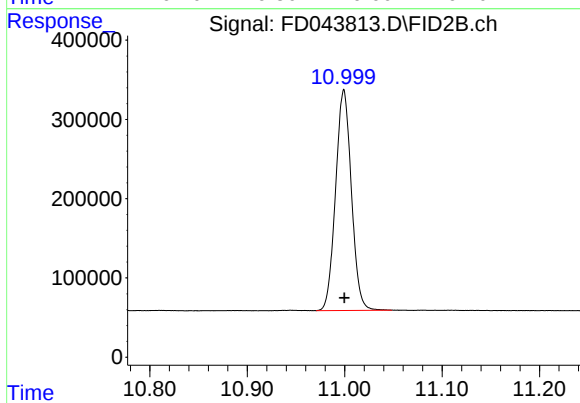
#6 n-Tetradecane (C14)

R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 3008470
Conc: 19.93 ug/ml



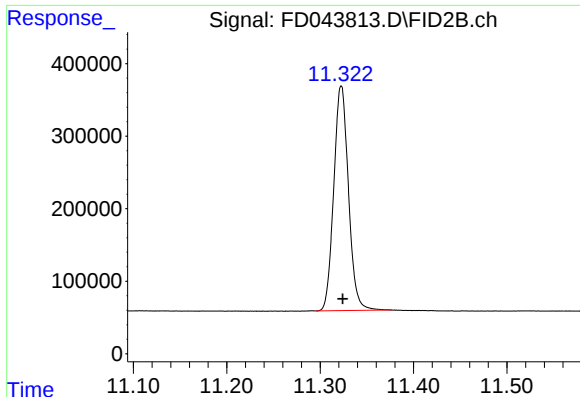
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: -0.001 min
Response: 3056841
Conc: 19.99 ug/ml



#8 n-Octadecane (C18)

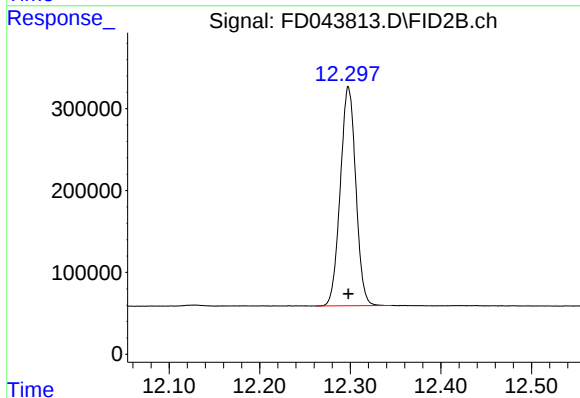
R.T.: 10.999 min
Delta R.T.: 0.000 min
Response: 3138580
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

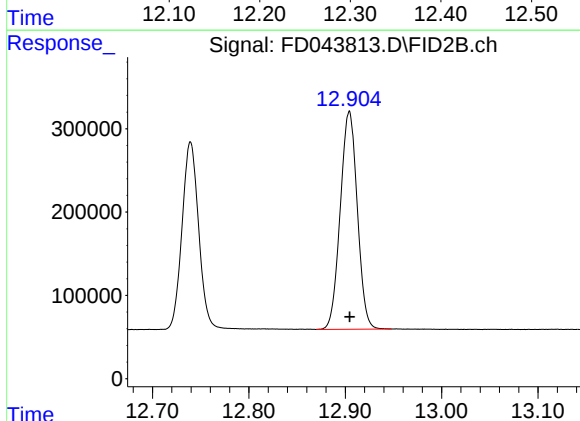
R.T.: 11.323 min
Delta R.T.: -0.001 min
Response: 3392773
Conc: 19.84 ug/ml

Instrument :
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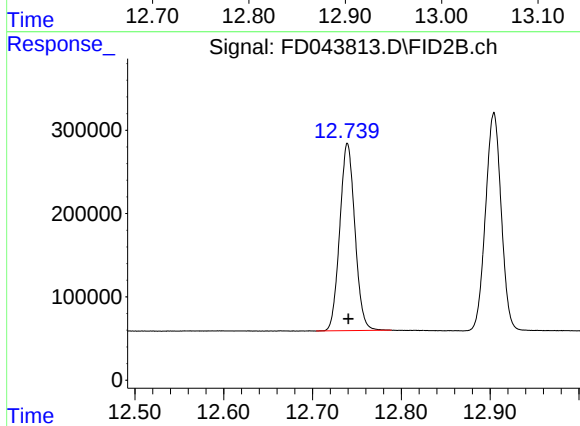
#10 n-Eicosane (C20)

R.T.: 12.298 min
Delta R.T.: 0.000 min
Response: 3185932
Conc: 19.91 ug/ml



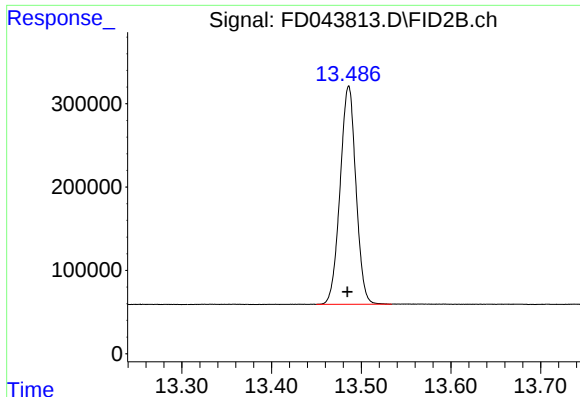
#11 n-Heneicosane (C21)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 3207993
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.739 min
Delta R.T.: -0.001 min
Response: 2664454
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

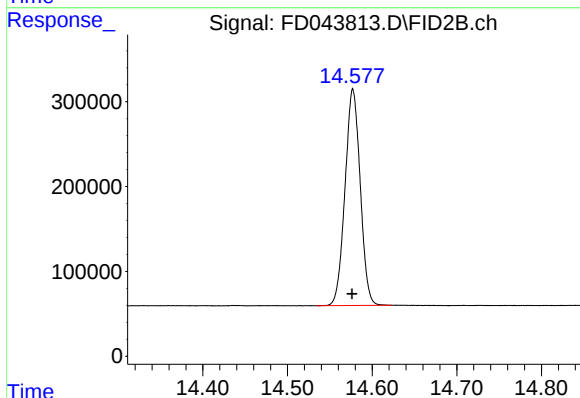
R.T.: 13.486 min
Delta R.T.: 0.002 min
Response: 3211130
Conc: 19.97 ug/ml

Instrument :

FID_D

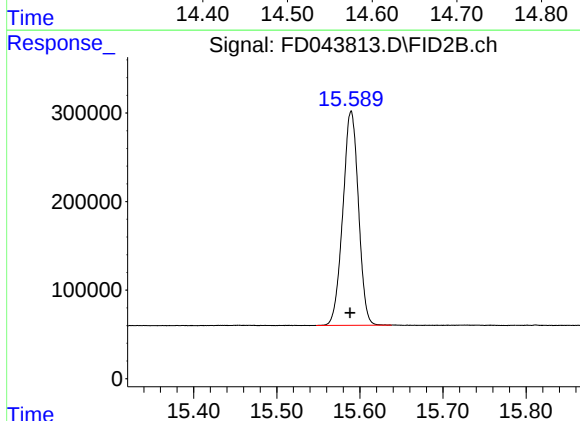
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



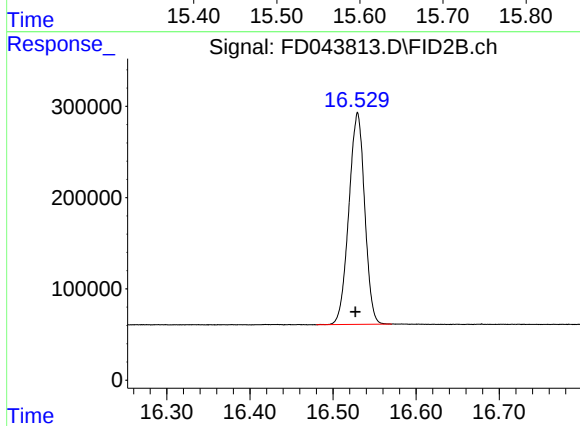
#14 n-Tetracosane (C24)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 3186116
Conc: 20.10 ug/ml



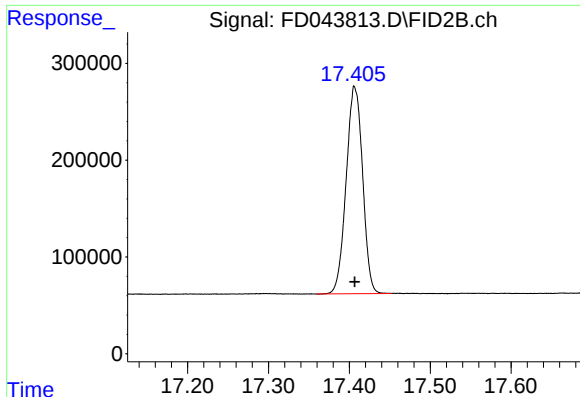
#15 n-Hexacosane (C26)

R.T.: 15.589 min
Delta R.T.: 0.001 min
Response: 3154706
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

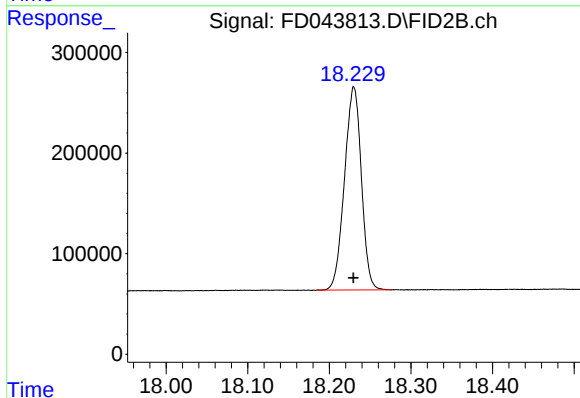
R.T.: 16.530 min
Delta R.T.: 0.003 min
Response: 3066247
Conc: 20.25 ug/ml



#17 n-Tricontane (C30)

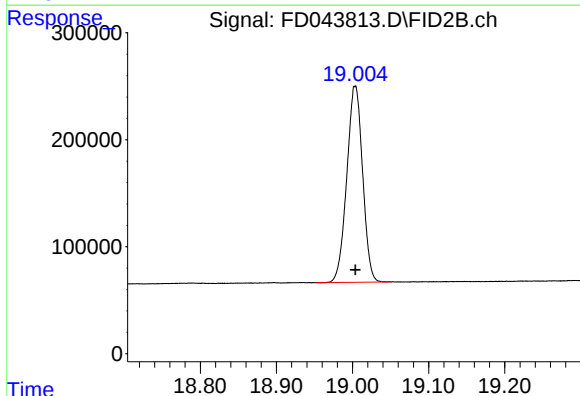
R.T.: 17.407 min
Delta R.T.: 0.000 min
Response: 3025025
Conc: 20.30 ug/ml

Instrument :
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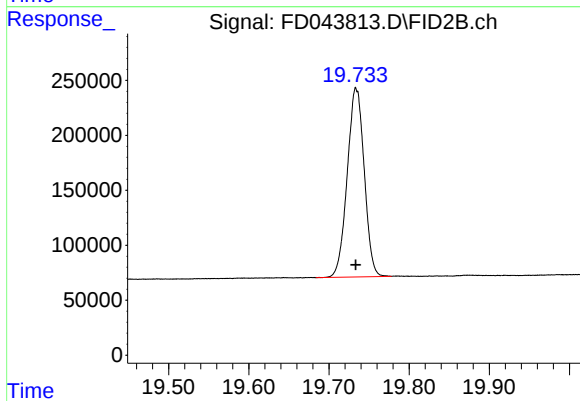
#18 n-Dotriacontane (C32)

R.T.: 18.230 min
Delta R.T.: 0.000 min
Response: 2907296
Conc: 20.37 ug/ml



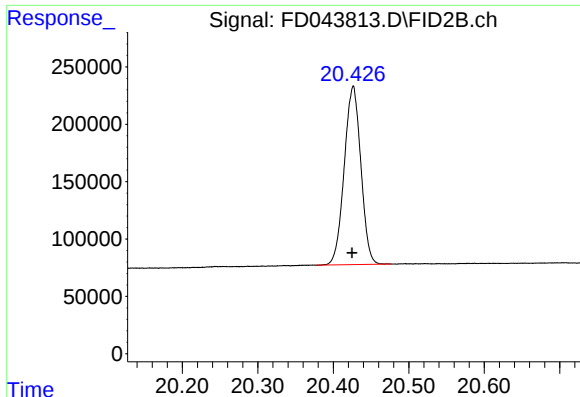
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 2650806
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

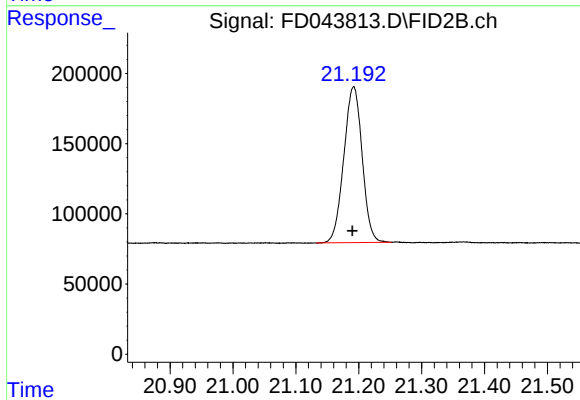
R.T.: 19.734 min
Delta R.T.: 0.000 min
Response: 2524153
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.426 min
Delta R.T.: 0.002 min
Response: 2375332
Conc: 20.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.192 min
Delta R.T.: 0.002 min
Response: 2250042
Conc: 20.36 ug/ml