

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080322AL\
 Data File : FD043489.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2022 04:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 04 04:55:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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)	11.526	2739973	17.309 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
12) S 1-chlorooctadecane (S...	12.963	2116760	17.271 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
Target Compounds			
1) T n-Nonane (C9)	3.311	2624743	18.726 ug/ml
2) T n-Decane (C10)	4.374	2676611	19.036 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2859224	18.817 ug/ml
4) T n-Dodecane (C12)	6.386	2686942	18.879 ug/ml
5) T A~2-methylnaphthalene...	7.005	2801592	18.724 ug/ml
6) T n-Tetradecane (C14)	8.178	2660565	18.756 ug/ml
7) T n-Hexadecane (C16)	9.774	2634818	18.577 ug/ml
8) T n-Octadecane (C18)	11.213	2615557	18.292 ug/ml
10) T n-Eicosane (C20)	12.519	2553353	17.635 ug/ml
11) T n-Heneicosane (C21)	13.130	2506906	17.260 ug/ml
13) T n-Docosane (C22)	13.715	2476158	17.068 ug/ml
14) T n-Tetracosane (C24)	14.814	2404706	16.599 ug/ml
15) T n-Hexacosane (C26)	15.833	2337776	16.253 ug/ml
16) T n-Octacosane (C28)	16.779	2323929	16.428 ug/ml
17) T n-Tricontane (C30)	17.664	2484311	17.601 ug/ml
18) T n-Dotriacontane (C32)	18.495	2579075	18.650 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2471058	19.202 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2391037	19.385 ug/ml
21) T n-Octatriacontane (C38)	20.734	2313550	19.565 ug/ml
22) T n-Tetracontane (C40)	21.610	2234348	19.760 ug/ml

(f)=RT Delta > 1/2 Window

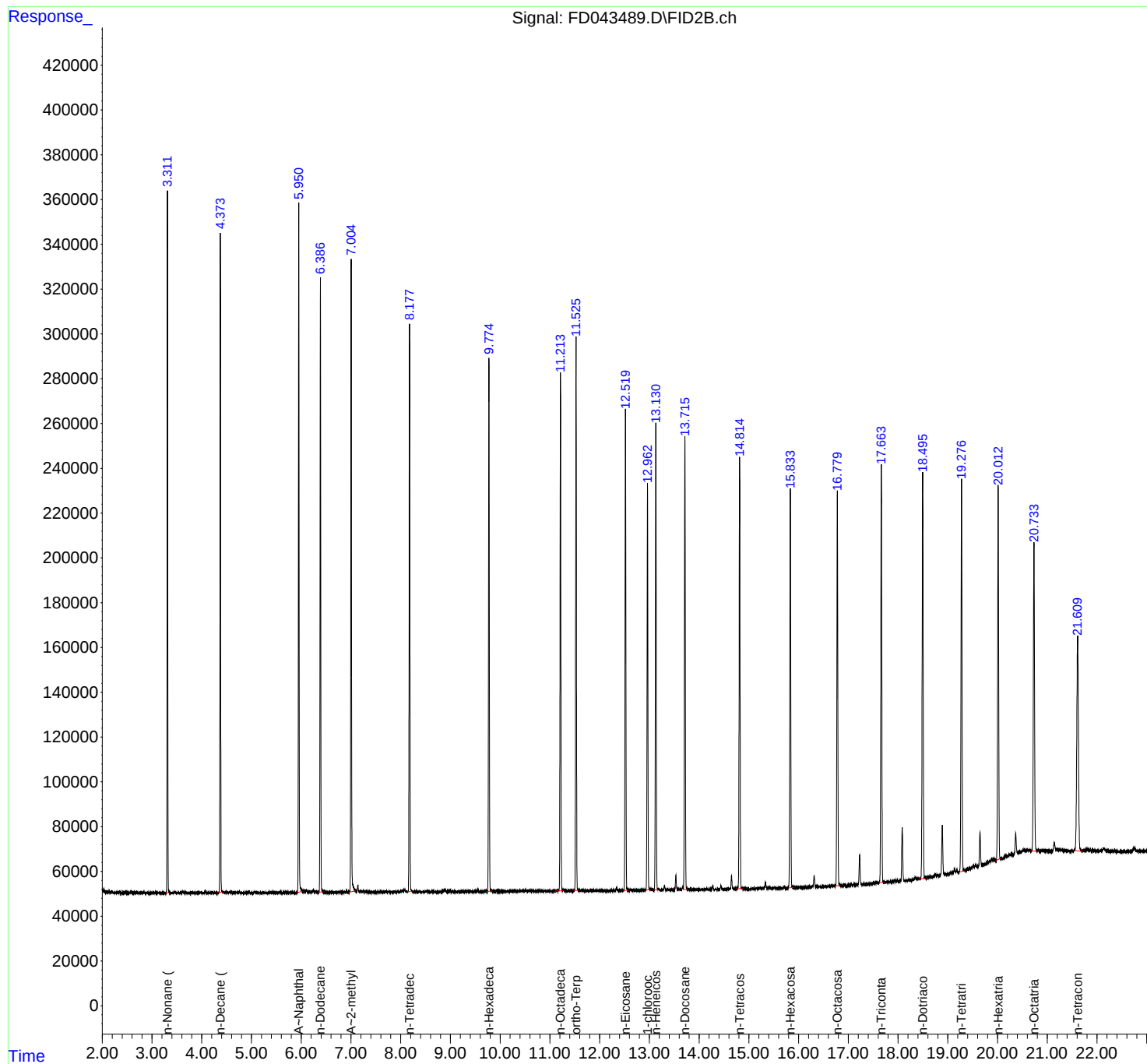
(m)=manual int.

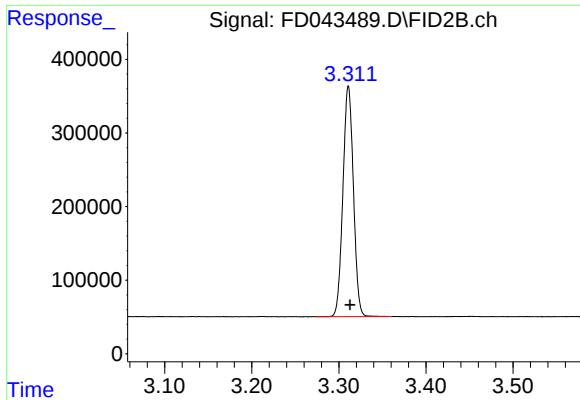
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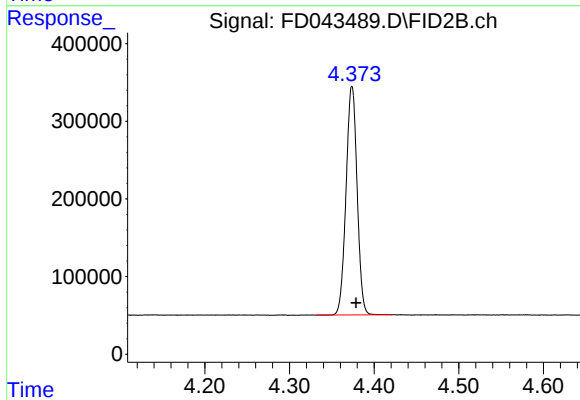




#1 n-Nonane (C9)

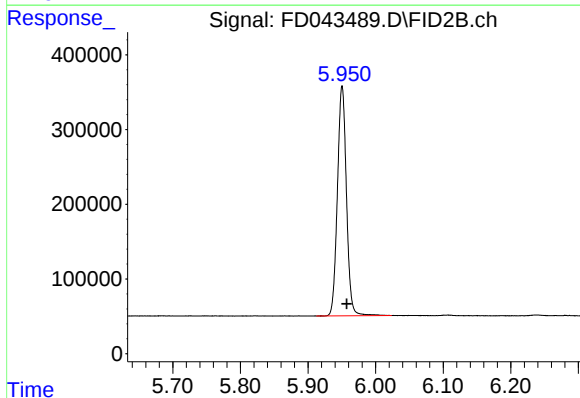
R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 2624743
Conc: 18.73 ug/ml

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20 PPM ALIPHATIC HC STD



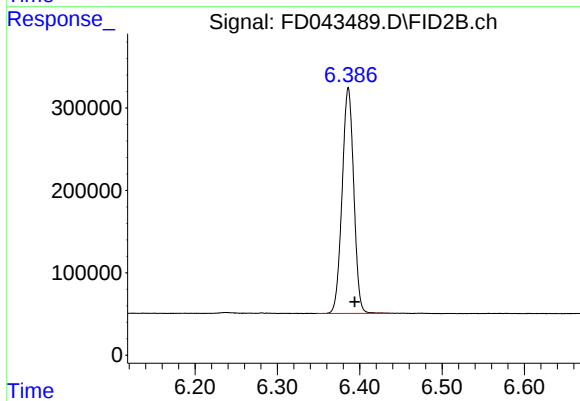
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: -0.005 min
Response: 2676611
Conc: 19.04 ug/ml



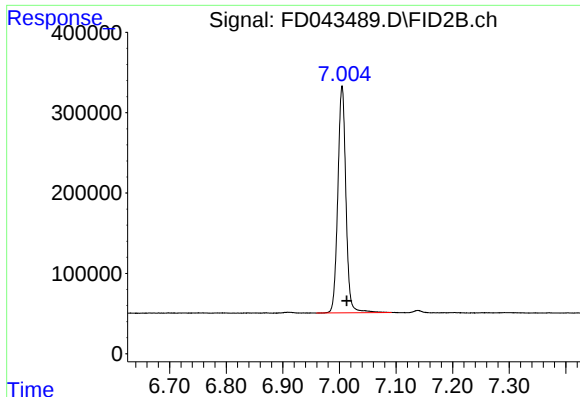
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 2859224
Conc: 18.82 ug/ml



#4 n-Dodecane (C12)

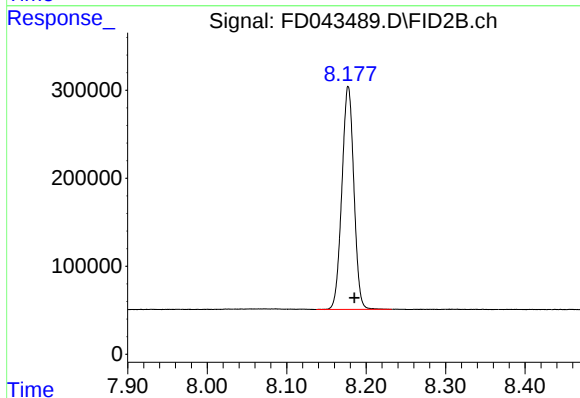
R.T.: 6.386 min
Delta R.T.: -0.008 min
Response: 2686942
Conc: 18.88 ug/ml



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

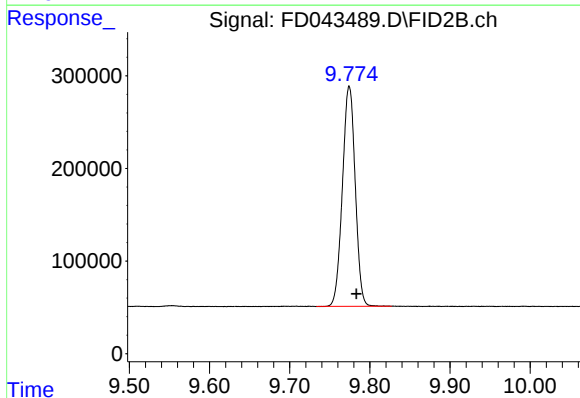
R.T.: 7.005 min
Delta R.T.: -0.008 min
Response: 2801592
Conc: 18.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



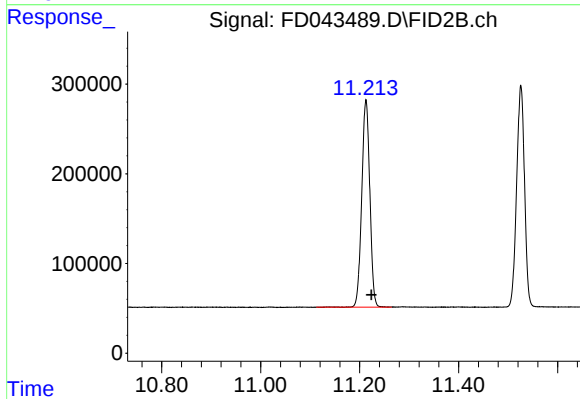
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.008 min
Response: 2660565
Conc: 18.76 ug/ml



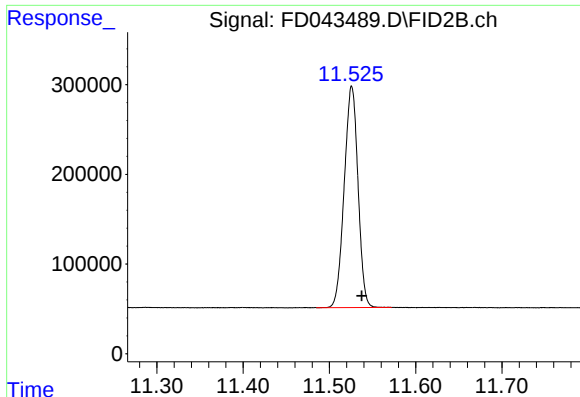
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.009 min
Response: 2634818
Conc: 18.58 ug/ml



#8 n-Octadecane (C18)

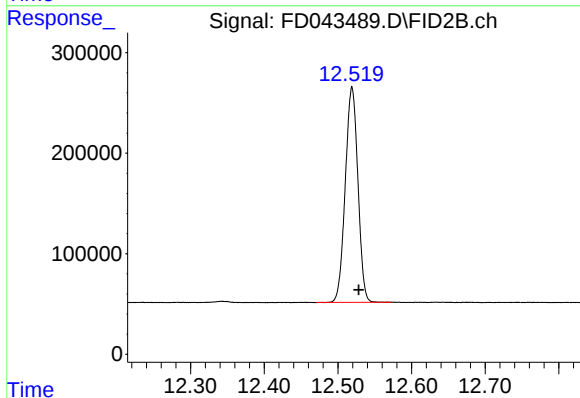
R.T.: 11.213 min
Delta R.T.: -0.011 min
Response: 2615557
Conc: 18.29 ug/ml



#9 ortho-Terphenyl (SURR)

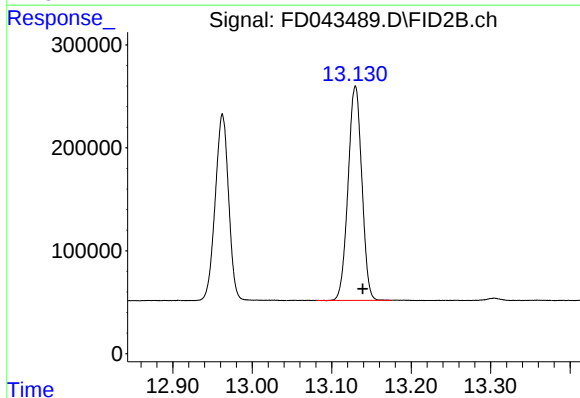
R.T.: 11.526 min
Delta R.T.: -0.012 min
Response: 2739973
Conc: 17.31 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



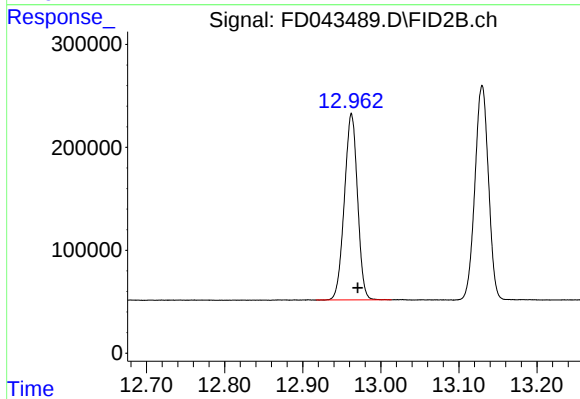
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.009 min
Response: 2553353
Conc: 17.63 ug/ml



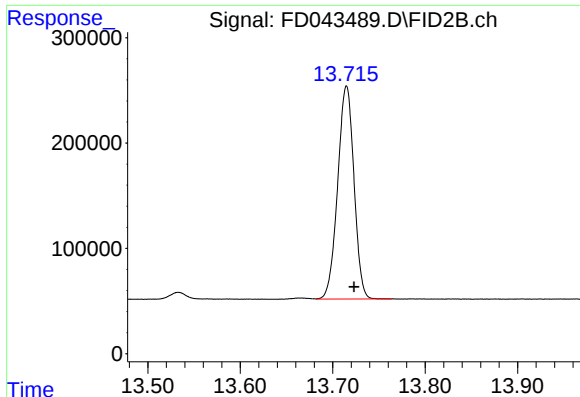
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: -0.009 min
Response: 2506906
Conc: 17.26 ug/ml



#12 1-chlorooctadecane (SURR)

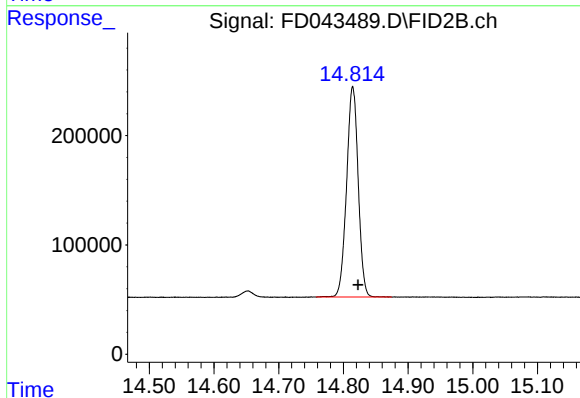
R.T.: 12.963 min
Delta R.T.: -0.008 min
Response: 2116760
Conc: 17.27 ug/ml



#13 n-Docosane (C22)

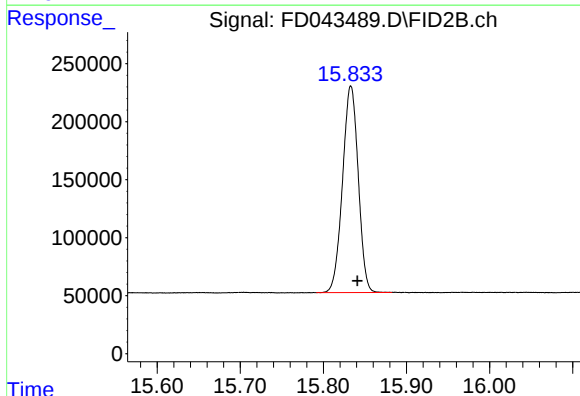
R.T.: 13.715 min
Delta R.T.: -0.008 min
Response: 2476158
Conc: 17.07 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



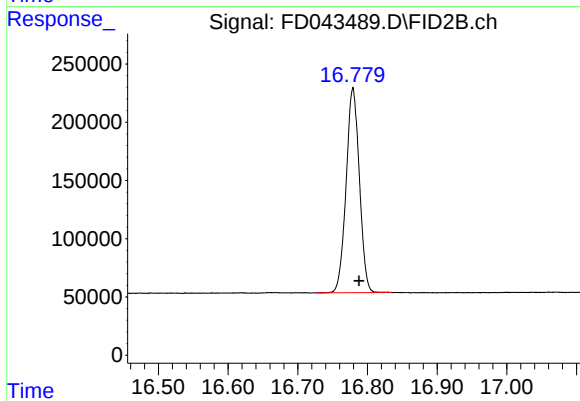
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.009 min
Response: 2404706
Conc: 16.60 ug/ml



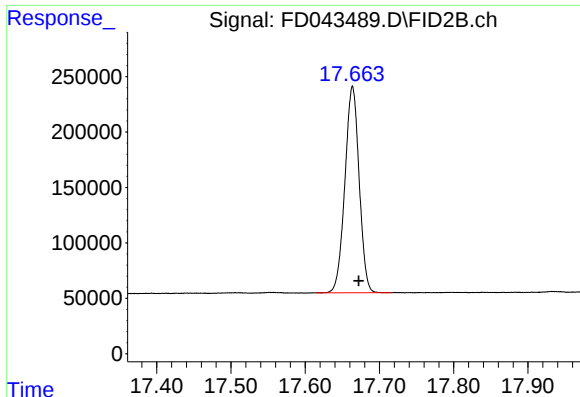
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: -0.008 min
Response: 2337776
Conc: 16.25 ug/ml



#16 n-Octacosane (C28)

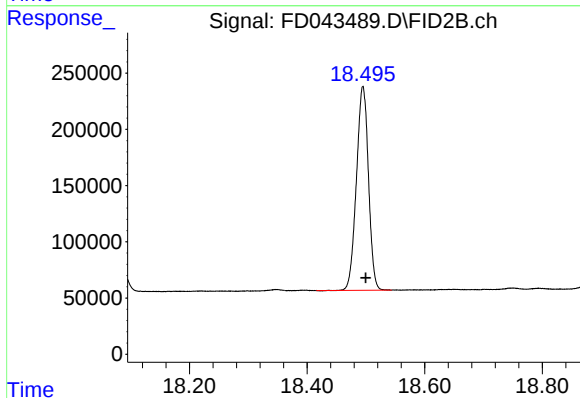
R.T.: 16.779 min
Delta R.T.: -0.009 min
Response: 2323929
Conc: 16.43 ug/ml



#17 n-Tricontane (C30)

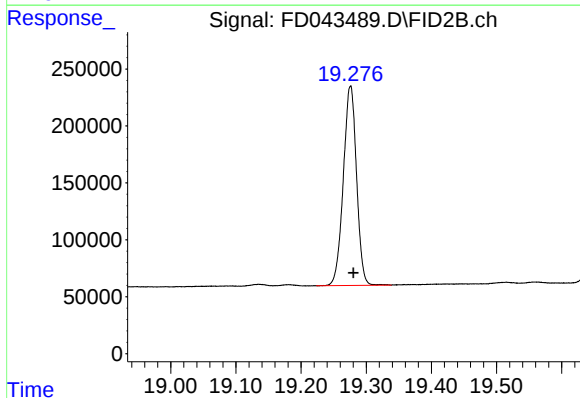
R.T.: 17.664 min
Delta R.T.: -0.008 min
Response: 2484311
Conc: 17.60 ug/ml

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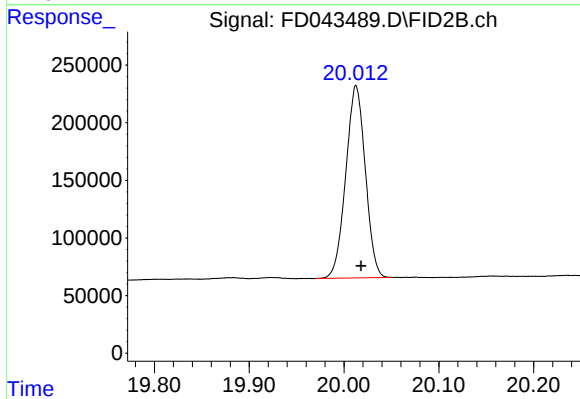
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.005 min
Response: 2579075
Conc: 18.65 ug/ml



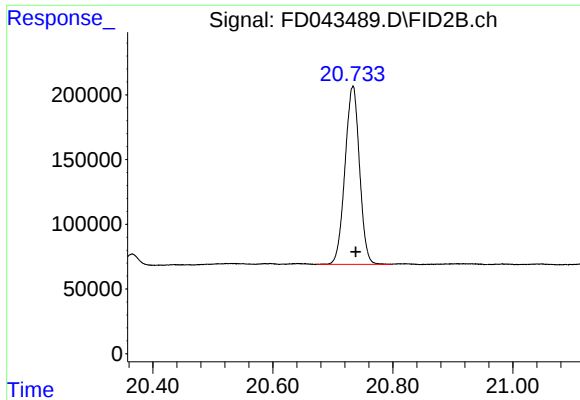
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.005 min
Response: 2471058
Conc: 19.20 ug/ml



#20 n-Hexatriacontane (C36)

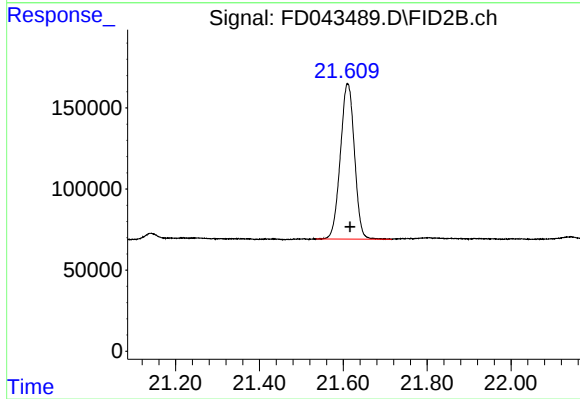
R.T.: 20.013 min
Delta R.T.: -0.005 min
Response: 2391037
Conc: 19.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.005 min
Response: 2313550
Conc: 19.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: -0.006 min
Response: 2234348
Conc: 19.76 ug/ml