

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040523AL\
 Data File : FD045409.D
 Signal(s) : FID2B.ch
 Acq On : 05 Apr 2023 06:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 05 07:27:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:57:21 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)	11.444	3118090	18.597 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
12) S 1-chlorooctadecane (S...	12.877	2195845	18.385 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T n-Nonane (C9)	3.262	2878859	18.900 ug/ml
2) T n-Decane (C10)	4.320	2833497	18.772 ug/ml
3) T A~Naphthalene (C11.7)	5.887	3262424	18.842 ug/ml
4) T n-Dodecane (C12)	6.325	2861688	18.758 ug/ml
5) T A~2-methylnaphthalene...	6.936	3023709	18.735 ug/ml
6) T n-Tetradecane (C14)	8.111	2865295	18.723 ug/ml
7) T n-Hexadecane (C16)	9.703	2912913	18.704 ug/ml
8) T n-Octadecane (C18)	11.137	2926328	18.684 ug/ml
10) T n-Eicosane (C20)	12.438	2764451	18.643 ug/ml
11) T n-Heneicosane (C21)	13.045	2740950	18.627 ug/ml
13) T n-Docosane (C22)	13.628	2667042	18.479 ug/ml
14) T n-Tetracosane (C24)	14.723	2572183	18.429 ug/ml
15) T n-Hexacosane (C26)	15.736	2452256	18.248 ug/ml
16) T n-Octacosane (C28)	16.680	2375541	18.065 ug/ml
17) T n-Tricontane (C30)	17.560	2324595	17.839 ug/ml
18) T n-Dotriacontane (C32)	18.386	2315289	17.793 ug/ml
19) T n-Tetratriacontane (C34)	19.164	2276428	18.220 ug/ml
20) T n-Hexatriacontane (C36)	19.896	2127271	18.542 ug/ml
21) T n-Octatriacontane (C38)	20.601	1997428	18.204 ug/ml
22) T n-Tetracontane (C40)	21.434	1771271	16.511 ug/ml

(f)=RT Delta > 1/2 Window

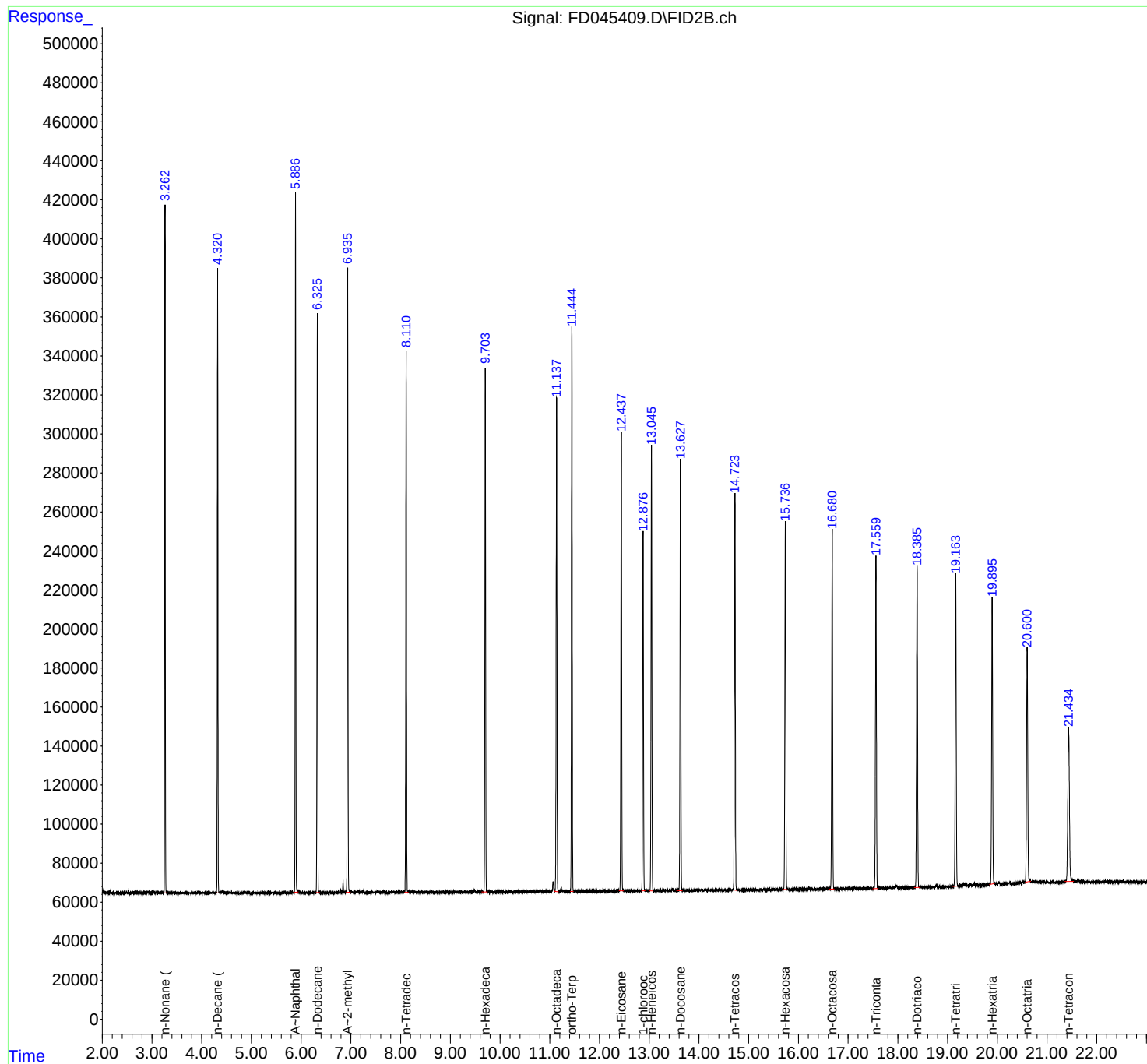
(m)=manual int.

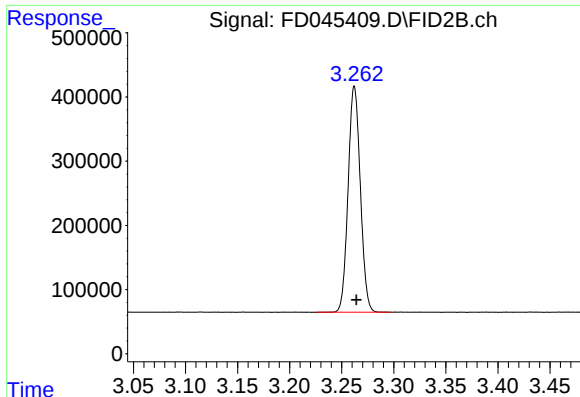
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#1 n-Nonane (C9)

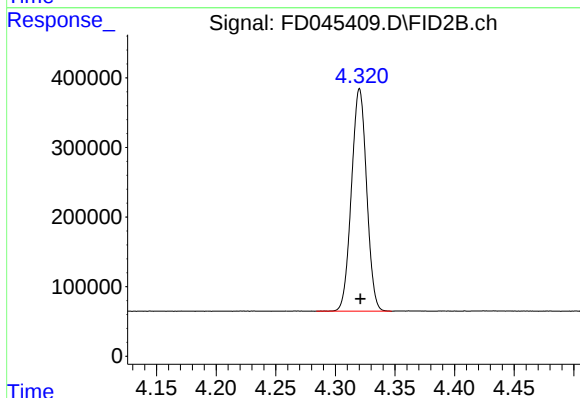
R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 2878859
Conc: 18.90 ug/ml

Instrument :

FID_D

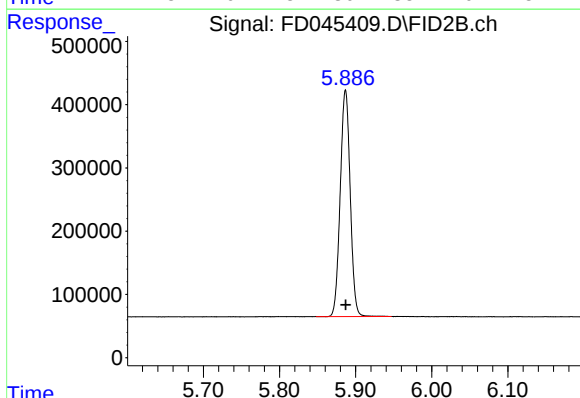
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



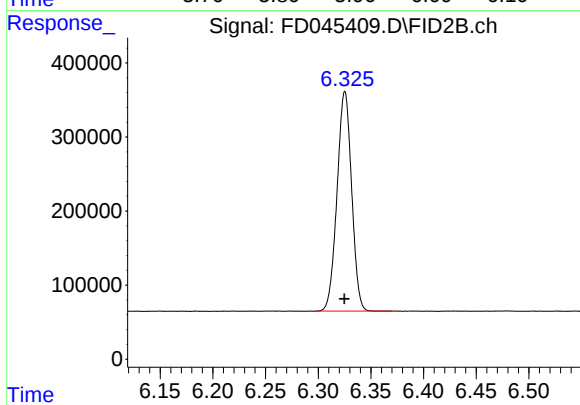
#2 n-Decane (C10)

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 2833497
Conc: 18.77 ug/ml



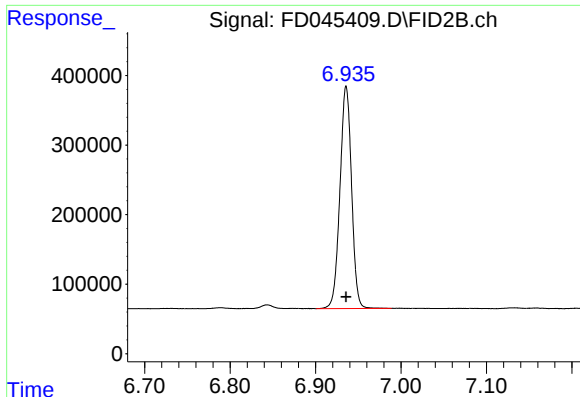
#3 A~Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 3262424
Conc: 18.84 ug/ml



#4 n-Dodecane (C12)

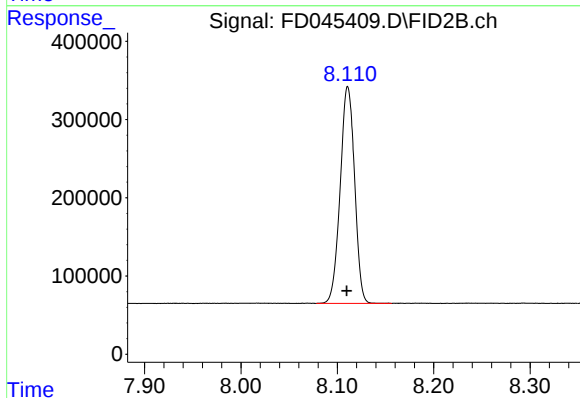
R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 2861688
Conc: 18.76 ug/ml



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

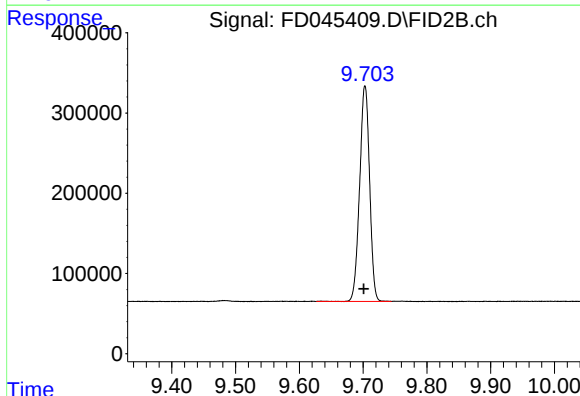
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 3023709
Conc: 18.73 ug/ml

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20 PPM ALIPHATIC HC STD ICV



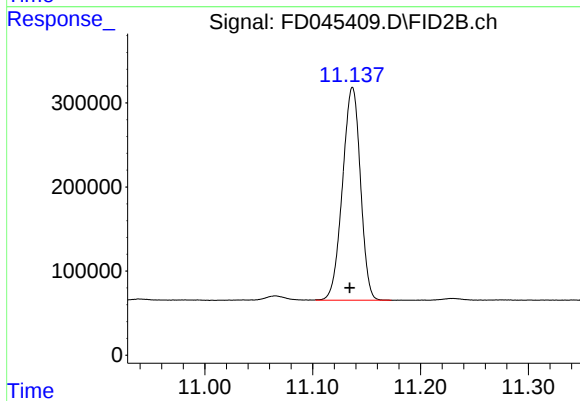
#6 n-Tetradecane (C14)

R.T.: 8.111 min
Delta R.T.: 0.001 min
Response: 2865295
Conc: 18.72 ug/ml



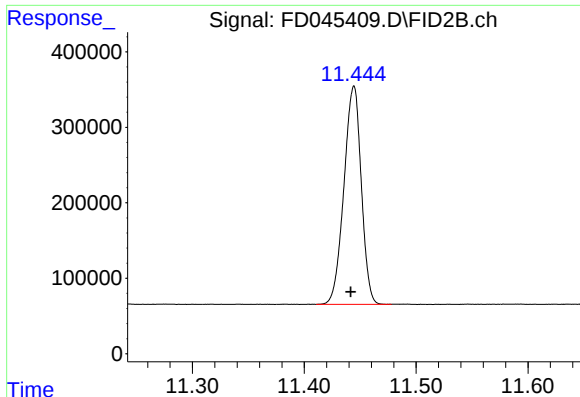
#7 n-Hexadecane (C16)

R.T.: 9.703 min
Delta R.T.: 0.002 min
Response: 2912913
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

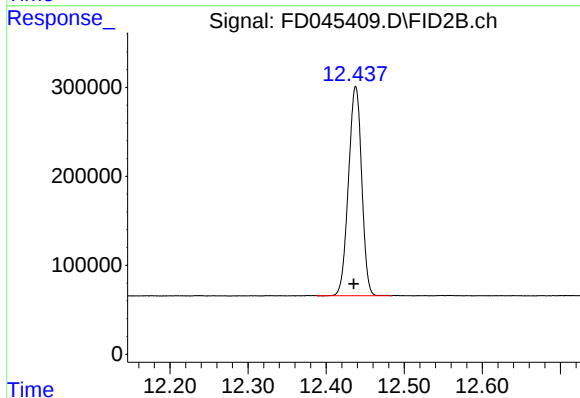
R.T.: 11.137 min
Delta R.T.: 0.003 min
Response: 2926328
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

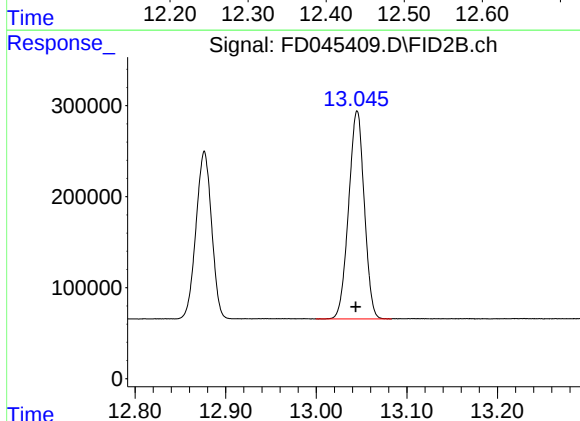
R.T.: 11.444 min
Delta R.T.: 0.003 min
Response: 3118090
Conc: 18.60 ug/ml

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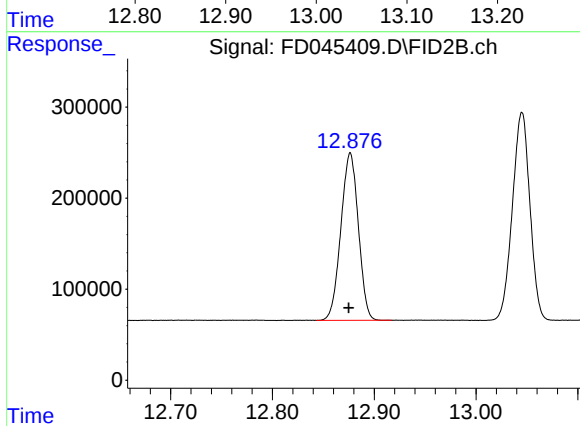
#10 n-Eicosane (C20)

R.T.: 12.438 min
Delta R.T.: 0.003 min
Response: 2764451
Conc: 18.64 ug/ml



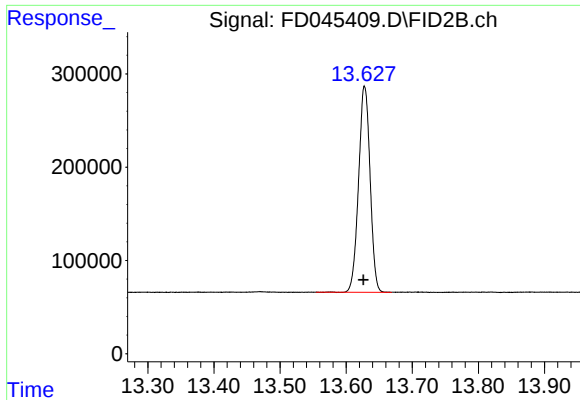
#11 n-Heneicosane (C21)

R.T.: 13.045 min
Delta R.T.: 0.002 min
Response: 2740950
Conc: 18.63 ug/ml



#12 1-chlorooctadecane (SURR)

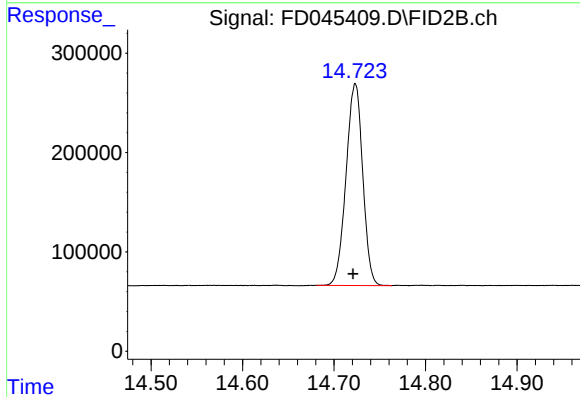
R.T.: 12.877 min
Delta R.T.: 0.001 min
Response: 2195845
Conc: 18.38 ug/ml



#13 n-Docosane (C22)

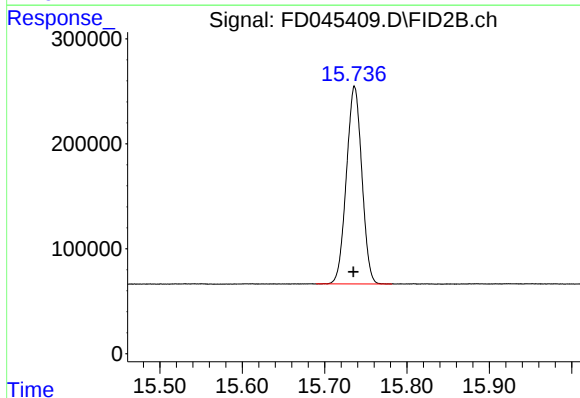
R.T.: 13.628 min
Delta R.T.: 0.002 min
Response: 2667042
Conc: 18.48 ug/ml

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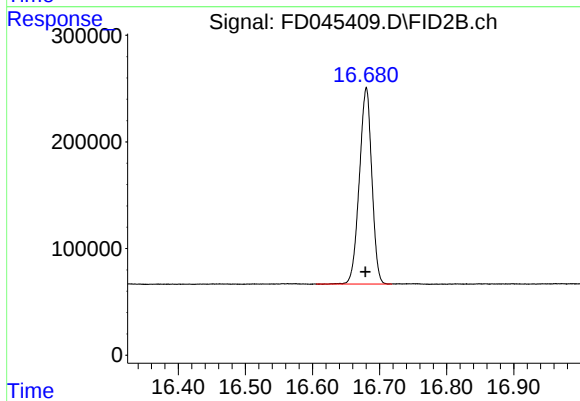
#14 n-Tetracosane (C24)

R.T.: 14.723 min
Delta R.T.: 0.002 min
Response: 2572183
Conc: 18.43 ug/ml



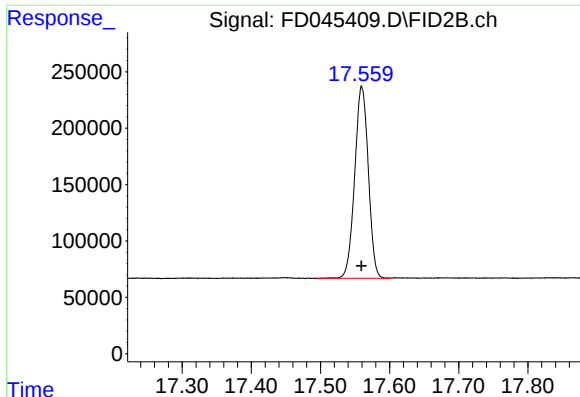
#15 n-Hexacosane (C26)

R.T.: 15.736 min
Delta R.T.: 0.001 min
Response: 2452256
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

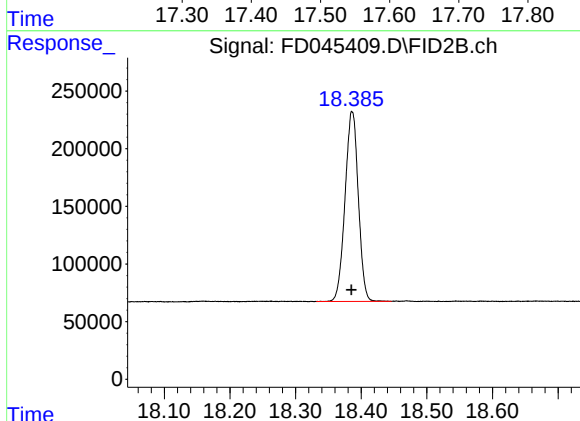
R.T.: 16.680 min
Delta R.T.: 0.002 min
Response: 2375541
Conc: 18.07 ug/ml



#17 n-Tricontane (C30)

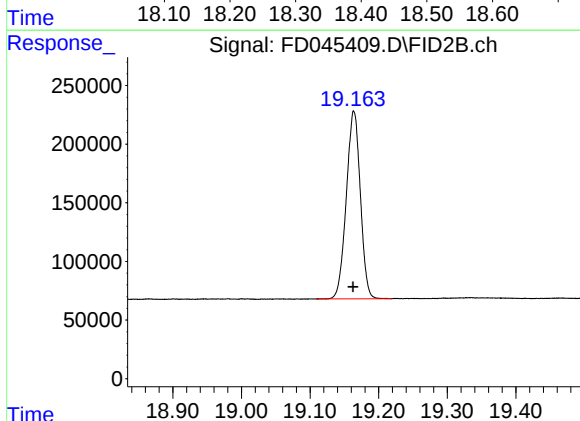
R.T.: 17.560 min
Delta R.T.: 0.000 min
Response: 2324595
Conc: 17.84 ug/ml

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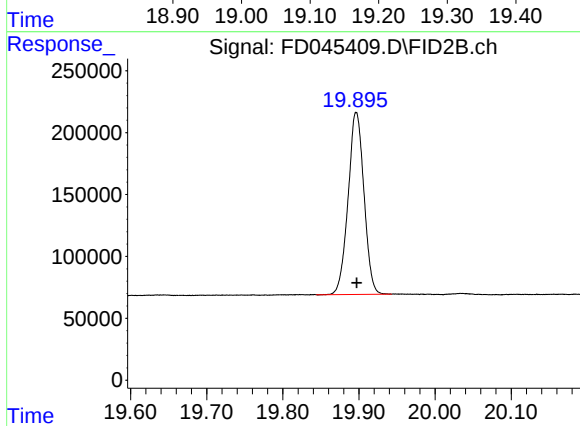
#18 n-Dotriacontane (C32)

R.T.: 18.386 min
Delta R.T.: 0.001 min
Response: 2315289
Conc: 17.79 ug/ml



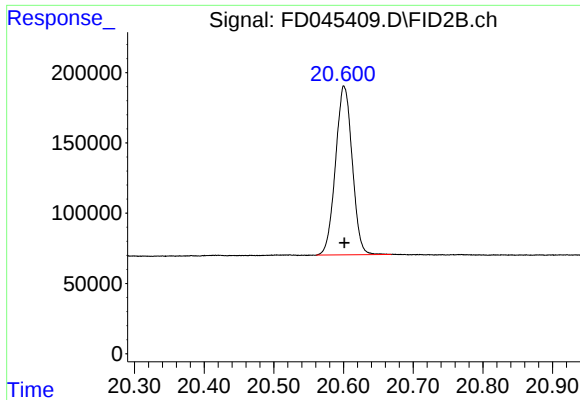
#19 n-Tetratriacontane (C34)

R.T.: 19.164 min
Delta R.T.: 0.001 min
Response: 2276428
Conc: 18.22 ug/ml



#20 n-Hexatriacontane (C36)

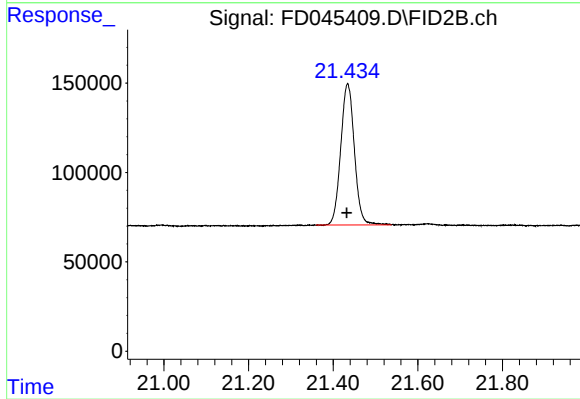
R.T.: 19.896 min
Delta R.T.: 0.000 min
Response: 2127271
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 1997428
Conc: 18.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.434 min
Delta R.T.: 0.002 min
Response: 1771271
Conc: 16.51 ug/ml