

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AL\
 Data File : FD043660.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 18:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Aug 18 18:47:22 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)	11.518	2693999	17.019 ug/ml
Spiked Amount 50.000		Recovery =	34.04%
12) S 1-chlorooctadecane (S...	12.955	2064979	16.849 ug/ml
Spiked Amount 50.000		Recovery =	33.70%
Target Compounds			
1) T n-Nonane (C9)	3.298	2712865	19.355 ug/ml
2) T n-Decane (C10)	4.363	2752007	19.572 ug/ml
3) T A~Naphthalene (C11.7)	5.942	2869998	18.888 ug/ml
4) T n-Dodecane (C12)	6.378	2743414	19.275 ug/ml
5) T A~2-methylnaphthalene...	6.997	2782029	18.593 ug/ml
6) T n-Tetradecane (C14)	8.170	2689365	18.959 ug/ml
7) T n-Hexadecane (C16)	9.767	2663410	18.779 ug/ml
8) T n-Octadecane (C18)	11.206	2613994	18.281 ug/ml
10) T n-Eicosane (C20)	12.513	2559313	17.676 ug/ml
11) T n-Heneicosane (C21)	13.123	2481324	17.084 ug/ml
13) T n-Docosane (C22)	13.707	2563812	17.672 ug/ml
14) T n-Tetracosane (C24)	14.808	2675541	18.468 ug/ml
15) T n-Hexacosane (C26)	15.826	2732580	18.998 ug/ml
16) T n-Octacosane (C28)	16.772	2815385	19.902 ug/ml
17) T n-Tricontane (C30)	17.659	3034258	21.498 ug/ml
18) T n-Dotriacontane (C32)	18.488	3029451	21.907 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2763659	21.476 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2567574	20.816 ug/ml
21) T n-Octatriacontane (C38)	20.726	2789738	23.592 ug/ml
22) T n-Tetracontane (C40)	21.602	2312751	20.454 ug/ml

(f)=RT Delta > 1/2 Window

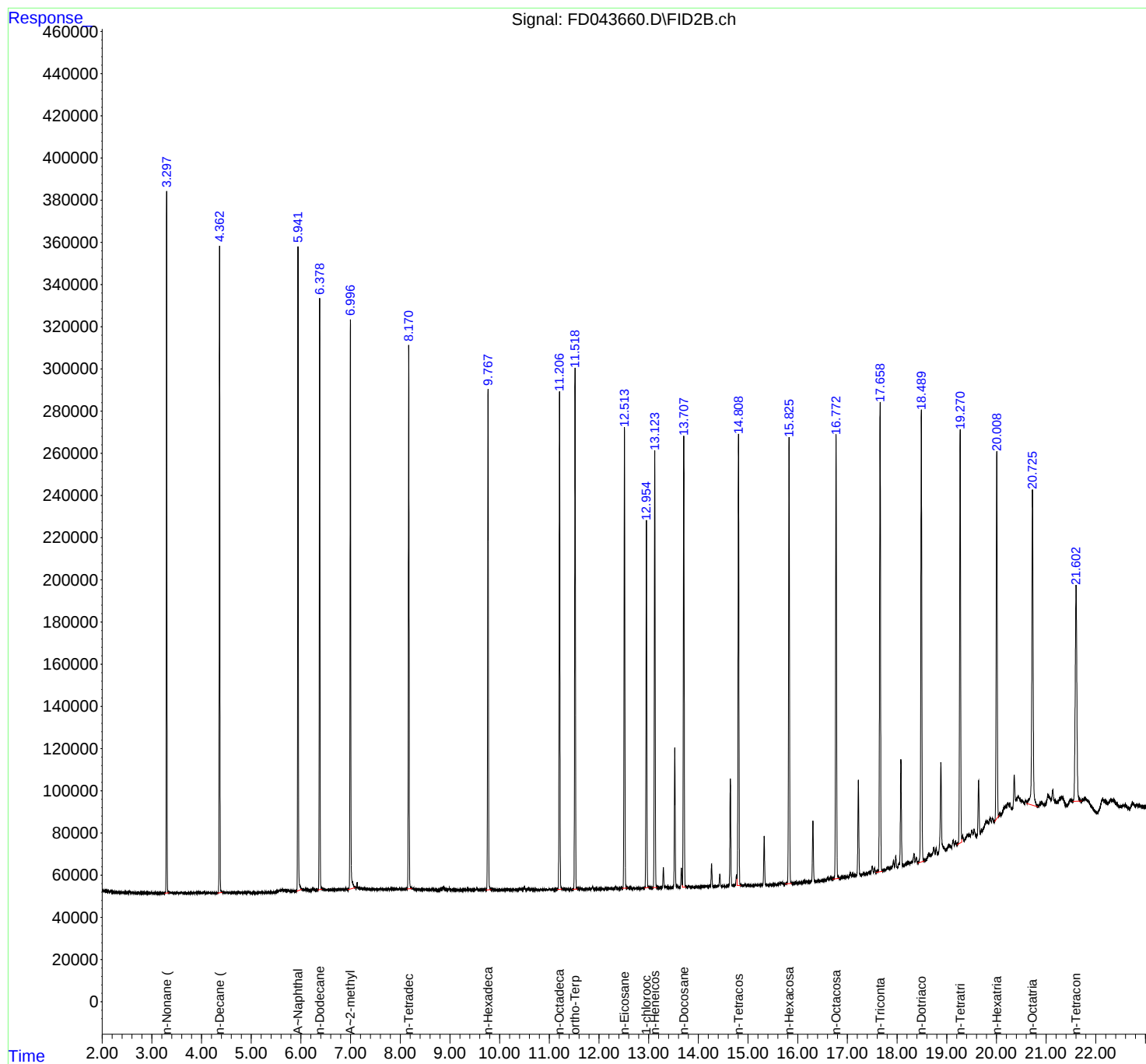
(m)=manual int.

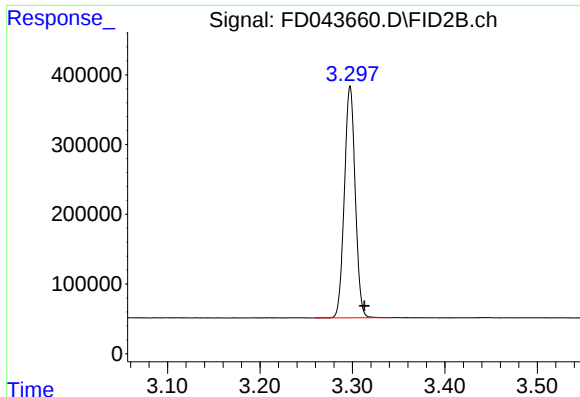
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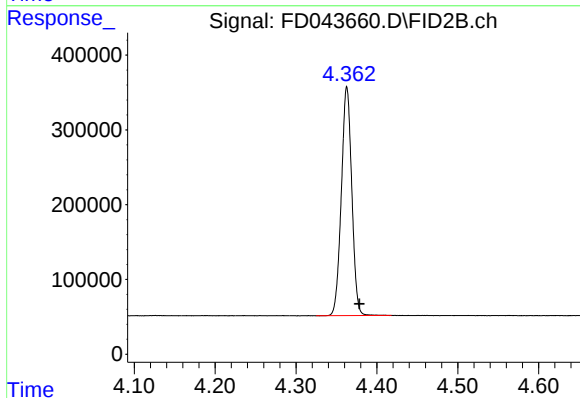




#1 n-Nonane (C9)

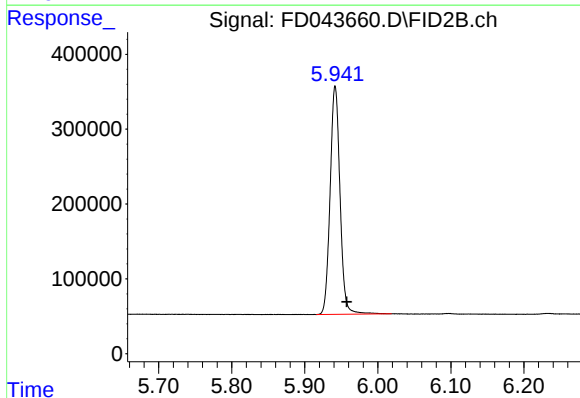
R.T.: 3.298 min
Delta R.T.: -0.015 min
Response: 2712865
Conc: 19.35 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



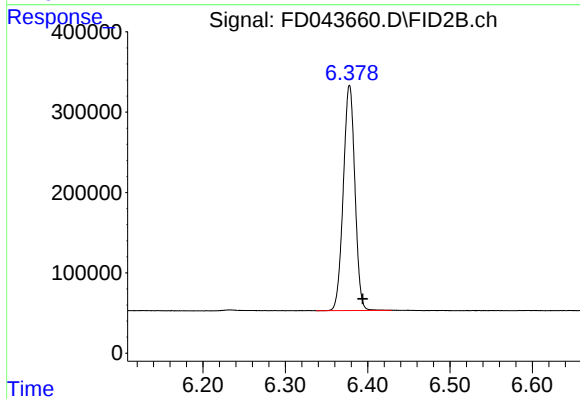
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.016 min
Response: 2752007
Conc: 19.57 ug/ml



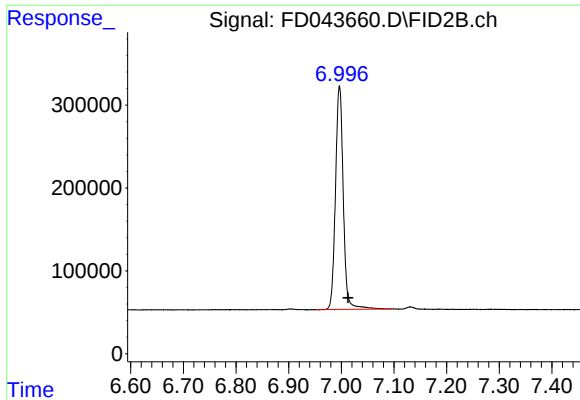
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.016 min
Response: 2869998
Conc: 18.89 ug/ml



#4 n-Dodecane (C12)

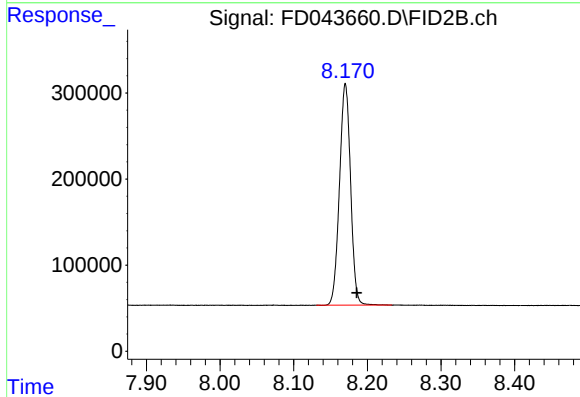
R.T.: 6.378 min
Delta R.T.: -0.016 min
Response: 2743414
Conc: 19.28 ug/ml



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

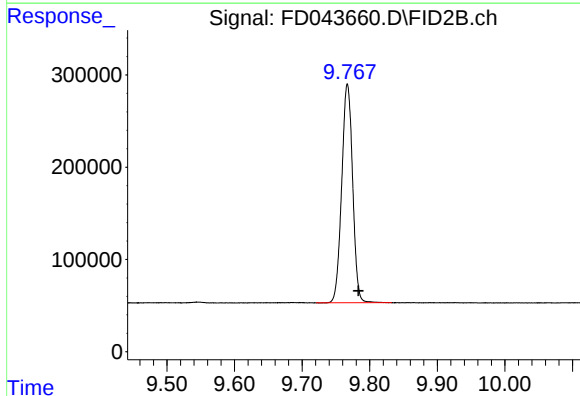
R.T.: 6.997 min
Delta R.T.: -0.016 min
Response: 2782029
Conc: 18.59 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



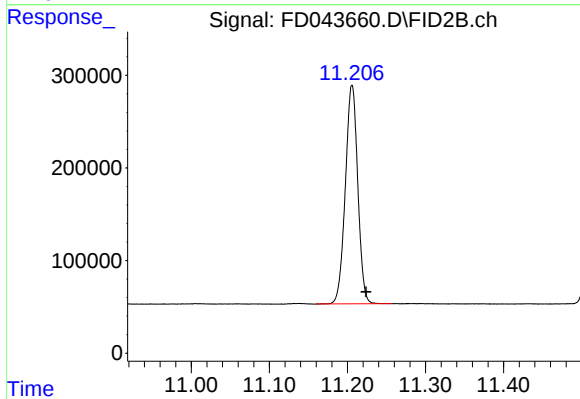
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.015 min
Response: 2689365
Conc: 18.96 ug/ml



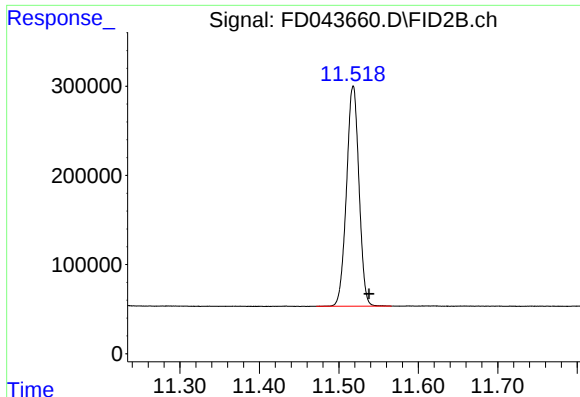
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: -0.016 min
Response: 2663410
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

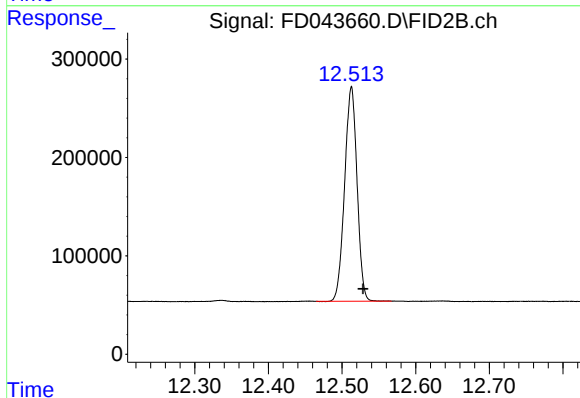
R.T.: 11.206 min
Delta R.T.: -0.018 min
Response: 2613994
Conc: 18.28 ug/ml



#9 ortho-Terphenyl (SURR)

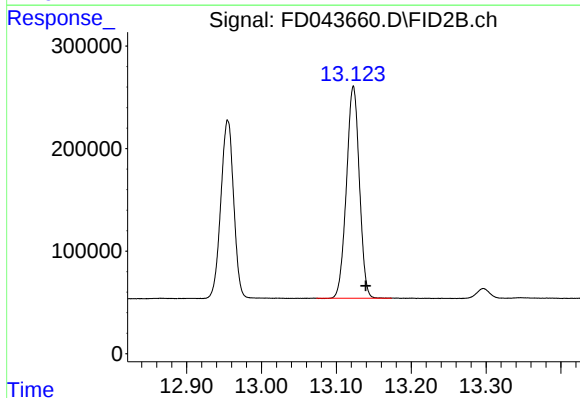
R.T.: 11.518 min
Delta R.T.: -0.020 min
Response: 2693999
Conc: 17.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



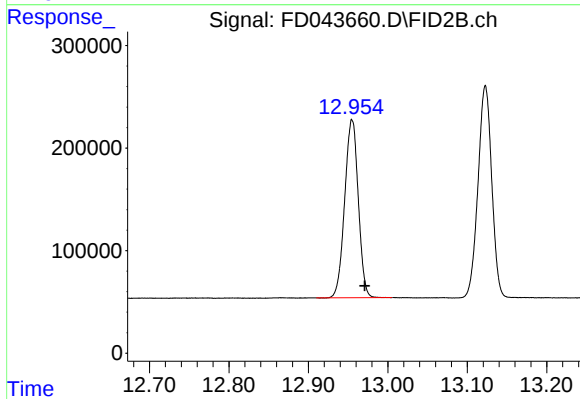
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.016 min
Response: 2559313
Conc: 17.68 ug/ml



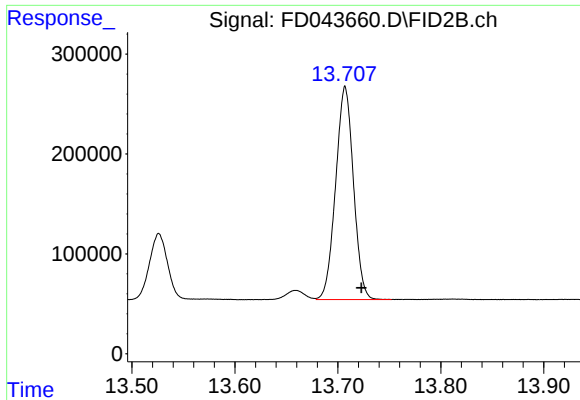
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.016 min
Response: 2481324
Conc: 17.08 ug/ml



#12 1-chlorooctadecane (SURR)

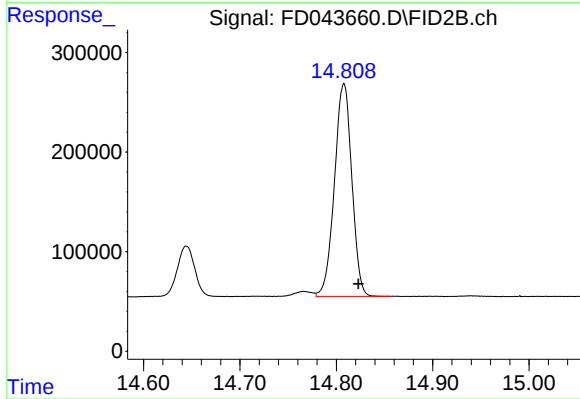
R.T.: 12.955 min
Delta R.T.: -0.016 min
Response: 2064979
Conc: 16.85 ug/ml



#13 n-Docosane (C22)

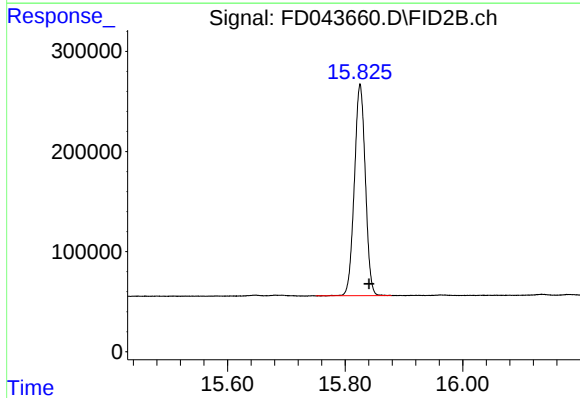
R.T.: 13.707 min
Delta R.T.: -0.016 min
Response: 2563812
Conc: 17.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



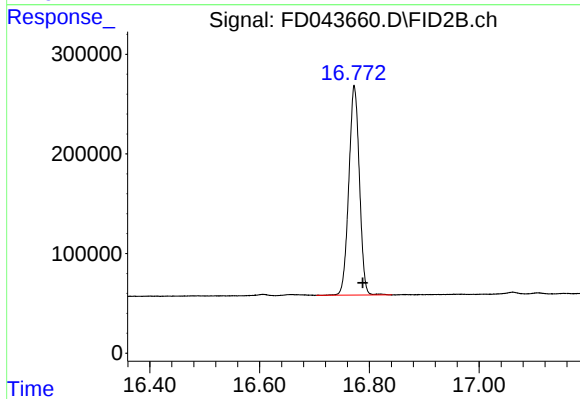
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.015 min
Response: 2675541
Conc: 18.47 ug/ml



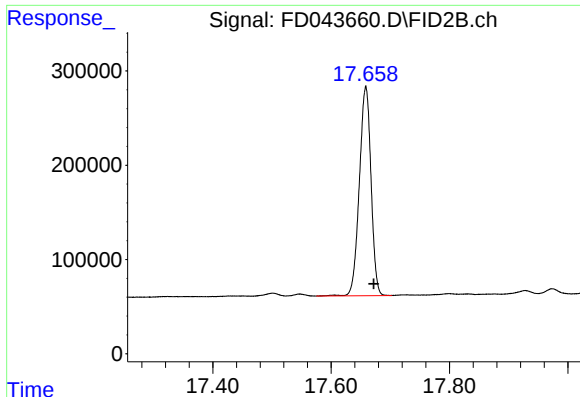
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: -0.016 min
Response: 2732580
Conc: 19.00 ug/ml



#16 n-Octacosane (C28)

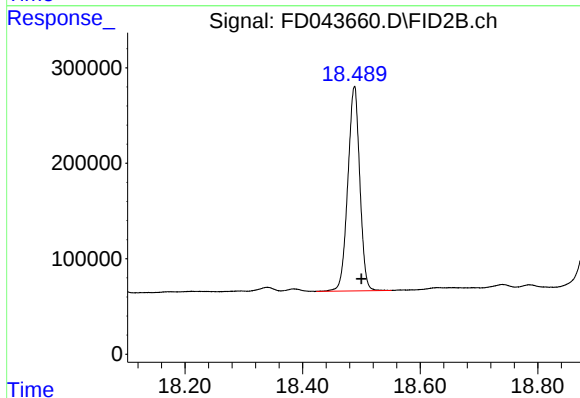
R.T.: 16.772 min
Delta R.T.: -0.015 min
Response: 2815385
Conc: 19.90 ug/ml



#17 n-Tricontane (C30)

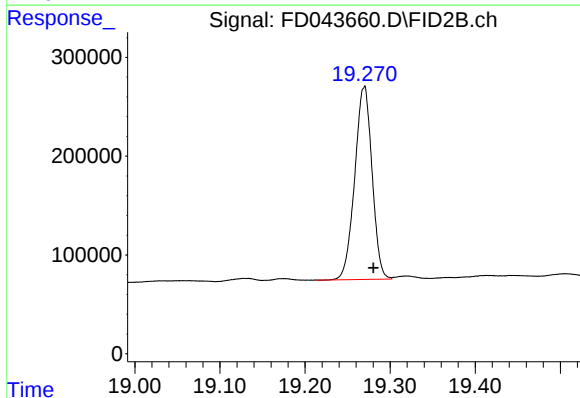
R.T.: 17.659 min
Delta R.T.: -0.013 min
Response: 3034258
Conc: 21.50 ug/ml

Instrument :
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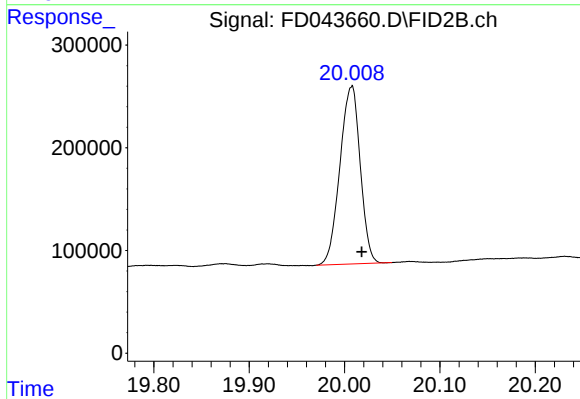
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.012 min
Response: 3029451
Conc: 21.91 ug/ml



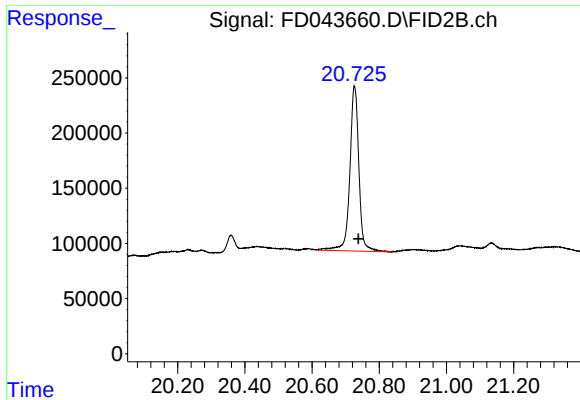
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.011 min
Response: 2763659
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

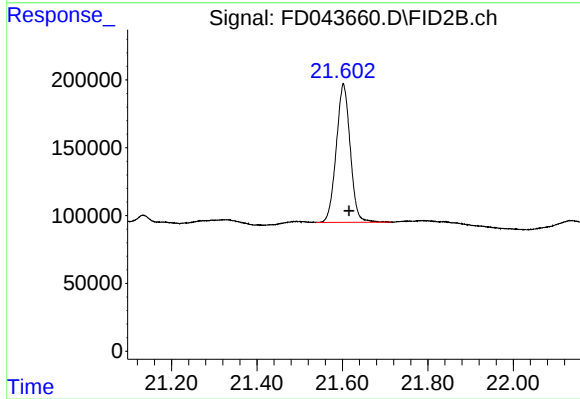
R.T.: 20.007 min
Delta R.T.: -0.011 min
Response: 2567574
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.012 min
Response: 2789738
Conc: 23.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.014 min
Response: 2312751
Conc: 20.45 ug/ml