

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AL\
 Data File : FD043897.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2022 16:38
 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: autoint1.e
 Quant Time: Sep 15 17:03:38 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)	11.315	3819238	22.331 ug/ml
Spiked Amount 50.000		Recovery =	44.66%
12) S 1-chlorooctadecane (S...	12.734	2968484	22.310 ug/ml
Spiked Amount 50.000		Recovery =	44.62%
Target Compounds			
1) T n-Nonane (C9)	3.146	3307387	22.966 ug/ml
2) T n-Decane (C10)	4.195	3355018	23.137 ug/ml
3) T A~Naphthalene (C11.7)	5.766	3472631	24.545 ug/ml
4) T n-Dodecane (C12)	6.194	3448898	23.055 ug/ml
5) T A~2-methylnaphthalene...	6.813	3438163	24.912 ug/ml
6) T n-Tetradecane (C14)	7.975	3475037	23.025 ug/ml
7) T n-Hexadecane (C16)	9.562	3511710	22.959 ug/ml
8) T n-Octadecane (C18)	10.994	3537726	22.438 ug/ml
10) T n-Eicosane (C20)	12.293	3533710	22.084 ug/ml
11) T n-Heneicosane (C21)	12.900	3521080	21.826 ug/ml
13) T n-Docosane (C22)	13.481	3488575	21.696 ug/ml
14) T n-Tetracosane (C24)	14.573	3380724	21.333 ug/ml
15) T n-Hexacosane (C26)	15.586	3235912	20.777 ug/ml
16) T n-Octacosane (C28)	16.525	3044092	20.105 ug/ml
17) T n-Tricontane (C30)	17.404	2934606	19.696 ug/ml
18) T n-Dotriacontane (C32)	18.226	2779308	19.470 ug/ml
19) T n-Tetratriacontane (C34)	19.002	2434767	18.629 ug/ml
20) T n-Hexatriacontane (C36)	19.732	2144347	17.326 ug/ml
21) T n-Octatriacontane (C38)	20.425	2328782	19.934 ug/ml
22) T n-Tetracontane (C40)	21.191	2005904	18.149 ug/ml

(f)=RT Delta > 1/2 Window

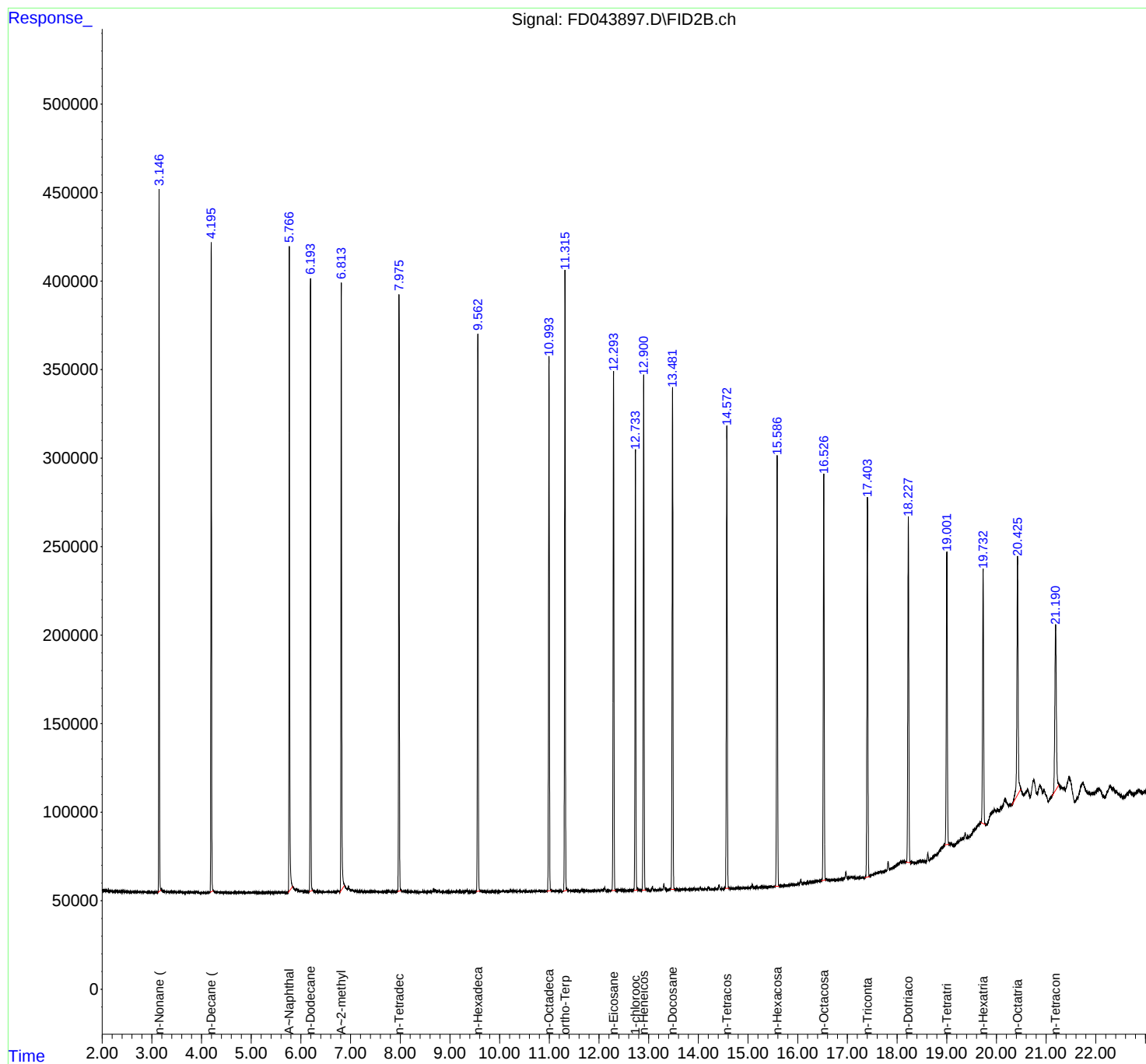
(m)=manual int.

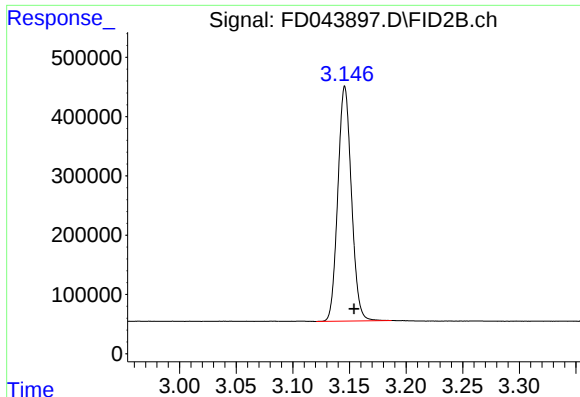
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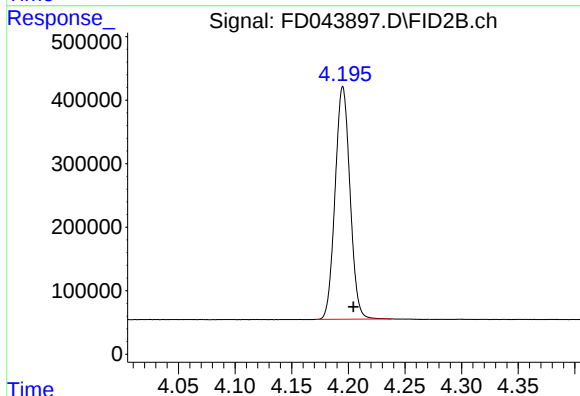




#1 n-Nonane (C9)

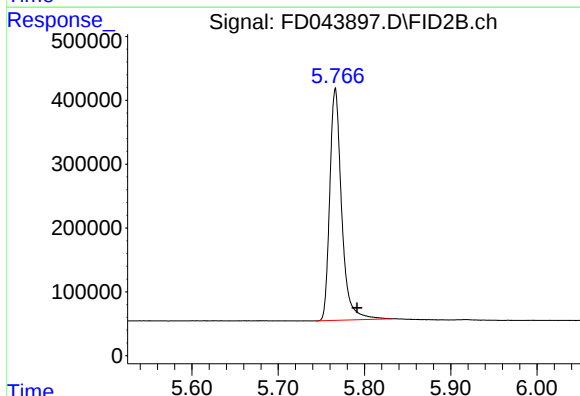
R.T.: 3.146 min
Delta R.T.: -0.008 min
Response: 3307387
Conc: 22.97 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



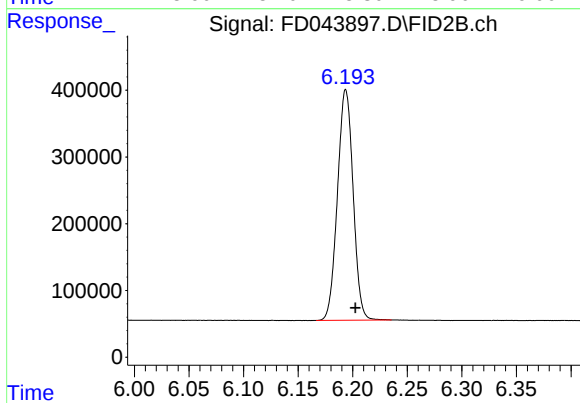
#2 n-Decane (C10)

R.T.: 4.195 min
Delta R.T.: -0.009 min
Response: 3355018
Conc: 23.14 ug/ml



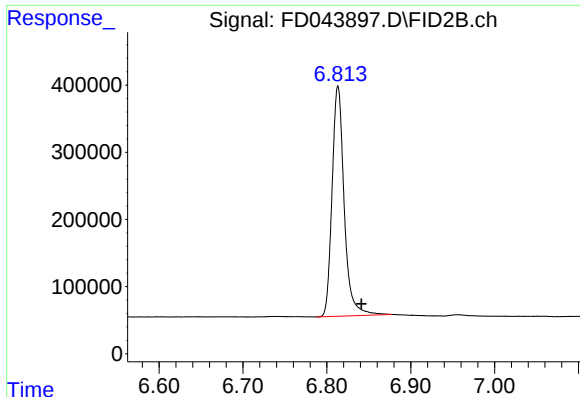
#3 A~Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: -0.025 min
Response: 3472631
Conc: 24.55 ug/ml



#4 n-Dodecane (C12)

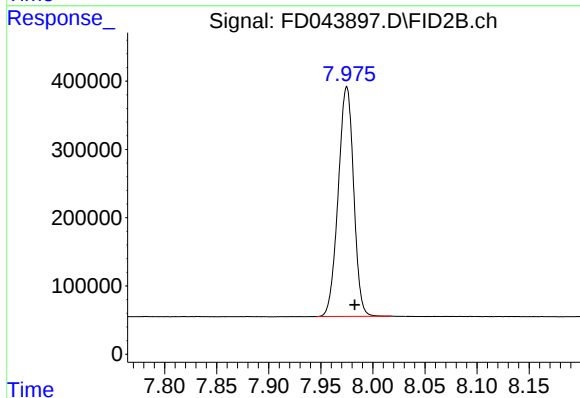
R.T.: 6.194 min
Delta R.T.: -0.009 min
Response: 3448898
Conc: 23.05 ug/ml



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

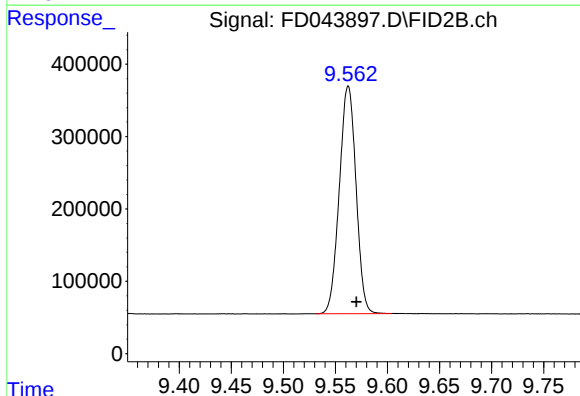
R.T.: 6.813 min
Delta R.T.: -0.028 min
Response: 3438163
Conc: 24.91 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



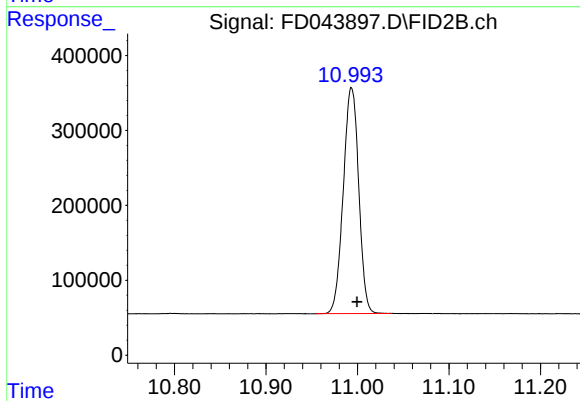
#6 n-Tetradecane (C14)

R.T.: 7.975 min
Delta R.T.: -0.007 min
Response: 3475037
Conc: 23.03 ug/ml



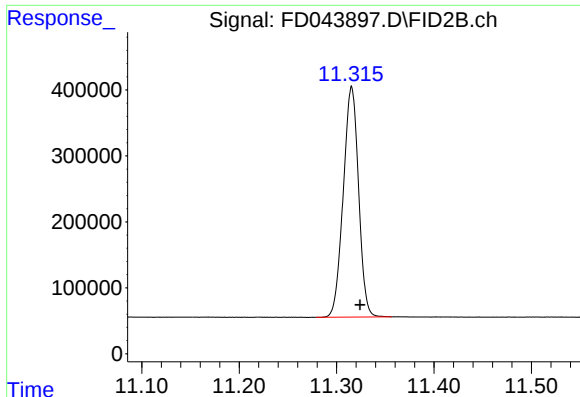
#7 n-Hexadecane (C16)

R.T.: 9.562 min
Delta R.T.: -0.008 min
Response: 3511710
Conc: 22.96 ug/ml



#8 n-Octadecane (C18)

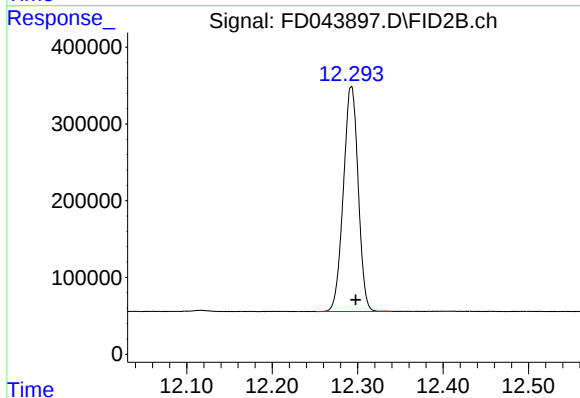
R.T.: 10.994 min
Delta R.T.: -0.006 min
Response: 3537726
Conc: 22.44 ug/ml



#9 ortho-Terphenyl (SURR)

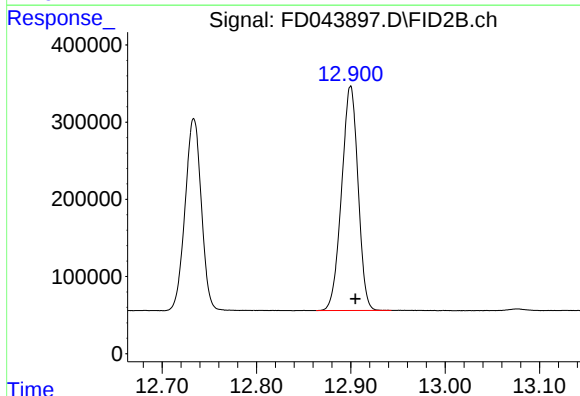
R.T.: 11.315 min
Delta R.T.: -0.009 min
Response: 3819238
Conc: 22.33 ug/ml

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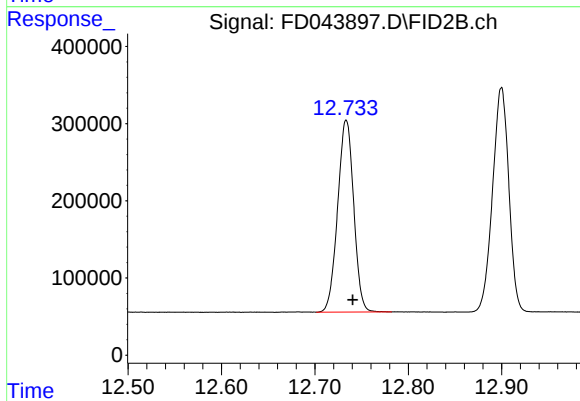
#10 n-Eicosane (C20)

R.T.: 12.293 min
Delta R.T.: -0.005 min
Response: 3533710
Conc: 22.08 ug/ml



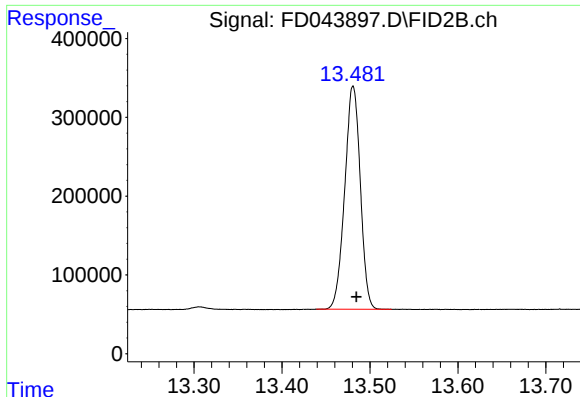
#11 n-Heneicosane (C21)

R.T.: 12.900 min
Delta R.T.: -0.005 min
Response: 3521080
Conc: 21.83 ug/ml



#12 1-chlorooctadecane (SURR)

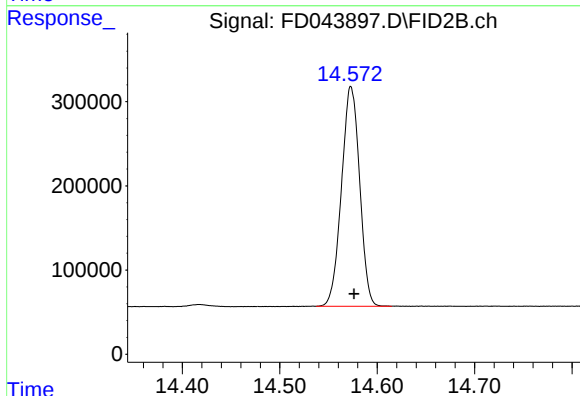
R.T.: 12.734 min
Delta R.T.: -0.007 min
Response: 2968484
Conc: 22.31 ug/ml



#13 n-Docosane (C22)

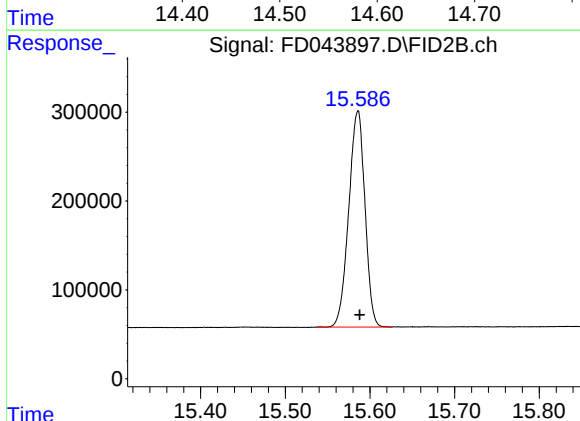
R.T.: 13.481 min
Delta R.T.: -0.004 min
Response: 3488575
Conc: 21.70 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



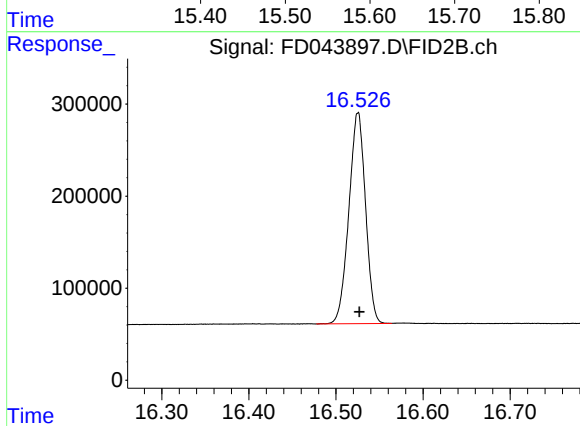
#14 n-Tetracosane (C24)

R.T.: 14.573 min
Delta R.T.: -0.003 min
Response: 3380724
Conc: 21.33 ug/ml



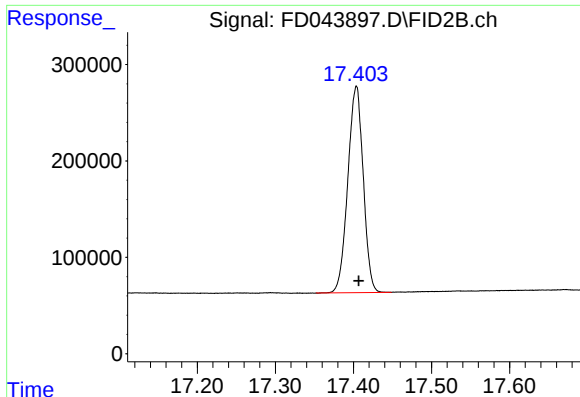
#15 n-Hexacosane (C26)

R.T.: 15.586 min
Delta R.T.: -0.002 min
Response: 3235912
Conc: 20.78 ug/ml



#16 n-Octacosane (C28)

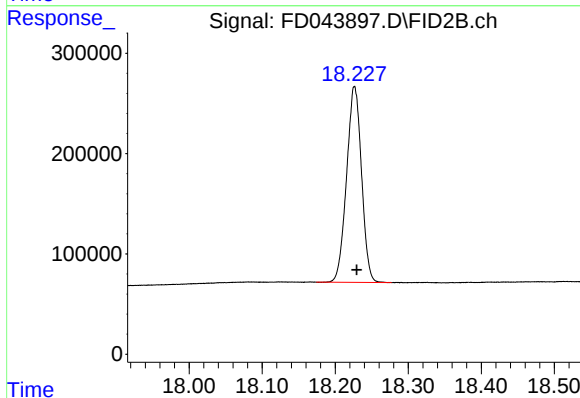
R.T.: 16.525 min
Delta R.T.: -0.002 min
Response: 3044092
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

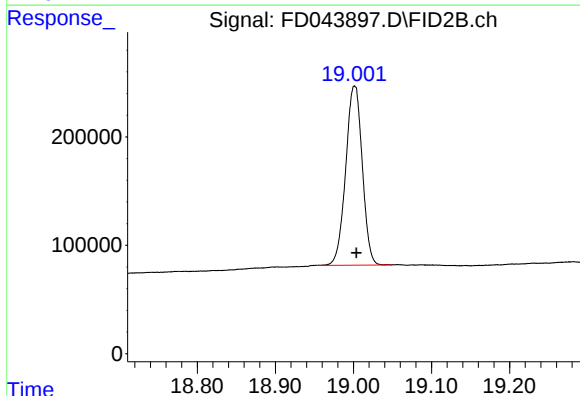
R.T.: 17.404 min
Delta R.T.: -0.003 min
Response: 2934606
Conc: 19.70 ug/ml

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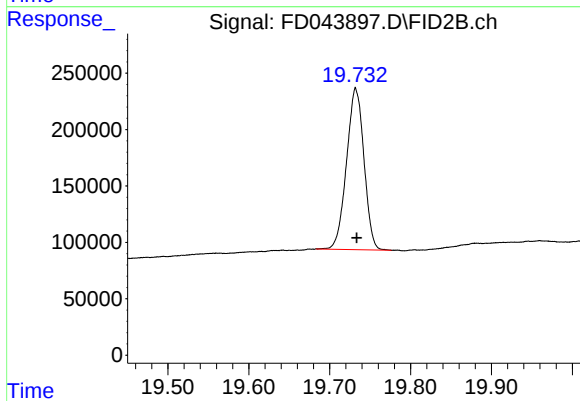
#18 n-Dotriacontane (C32)

R.T.: 18.226 min
Delta R.T.: -0.003 min
Response: 2779308
Conc: 19.47 ug/ml



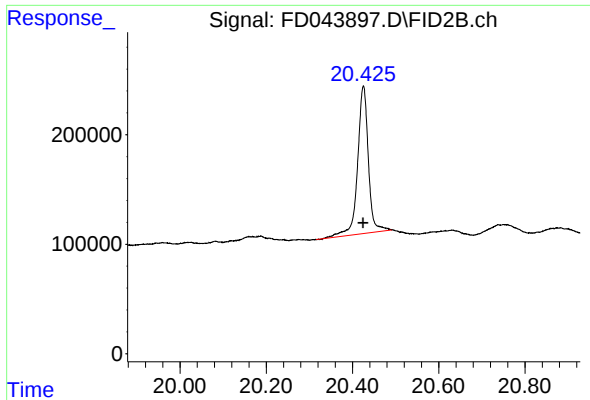
#19 n-Tetratriacontane (C34)

R.T.: 19.002 min
Delta R.T.: -0.002 min
Response: 2434767
Conc: 18.63 ug/ml



#20 n-Hexatriacontane (C36)

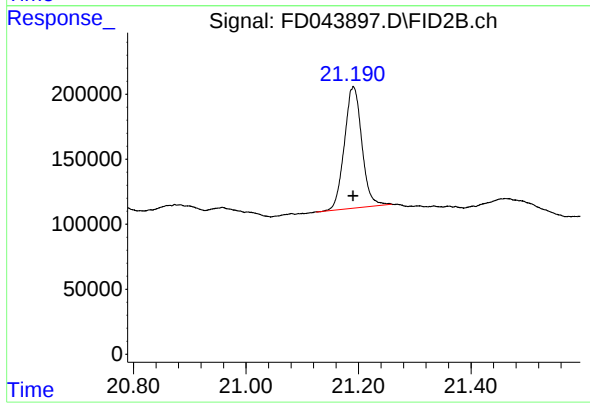
R.T.: 19.732 min
Delta R.T.: -0.001 min
Response: 2144347
Conc: 17.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.425 min
Delta R.T.: 0.000 min
Response: 2328782
Conc: 19.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.191 min
Delta R.T.: 0.000 min
Response: 2005904
Conc: 18.15 ug/ml