

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040523AL\
 Data File : FD045411.D
 Signal(s) : FID2B.ch
 Acq On : 05 Apr 2023 09:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 05 09:54:06 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)	11.443	3202279	19.099 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	12.876	2285582	19.136 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.264	2936978	19.282 ug/ml
2) T n-Decane (C10)	4.322	2915278	19.314 ug/ml
3) T A~Naphthalene (C11.7)	5.887	3331309	19.240 ug/ml
4) T n-Dodecane (C12)	6.326	2940882	19.277 ug/ml
5) T A~2-methylnaphthalene...	6.936	3101533	19.217 ug/ml
6) T n-Tetradecane (C14)	8.110	2942672	19.229 ug/ml
7) T n-Hexadecane (C16)	9.702	2995303	19.233 ug/ml
8) T n-Octadecane (C18)	11.136	3016790	19.262 ug/ml
10) T n-Eicosane (C20)	12.437	2846151	19.194 ug/ml
11) T n-Heneicosane (C21)	13.045	2821477	19.174 ug/ml
13) T n-Docosane (C22)	13.627	2760807	19.129 ug/ml
14) T n-Tetracosane (C24)	14.723	2668177	19.117 ug/ml
15) T n-Hexacosane (C26)	15.736	2565614	19.092 ug/ml
16) T n-Octacosane (C28)	16.679	2517337	19.143 ug/ml
17) T n-Tricontane (C30)	17.560	2498220	19.171 ug/ml
18) T n-Dotriacontane (C32)	18.387	2505346	19.253 ug/ml
19) T n-Tetratriacontane (C34)	19.163	2411121	19.298 ug/ml
20) T n-Hexatriacontane (C36)	19.897	2195448	19.136 ug/ml
21) T n-Octatriacontane (C38)	20.602	2033496	18.532 ug/ml
22) T n-Tetracontane (C40)	21.435	1796929	16.750 ug/ml

(f)=RT Delta > 1/2 Window

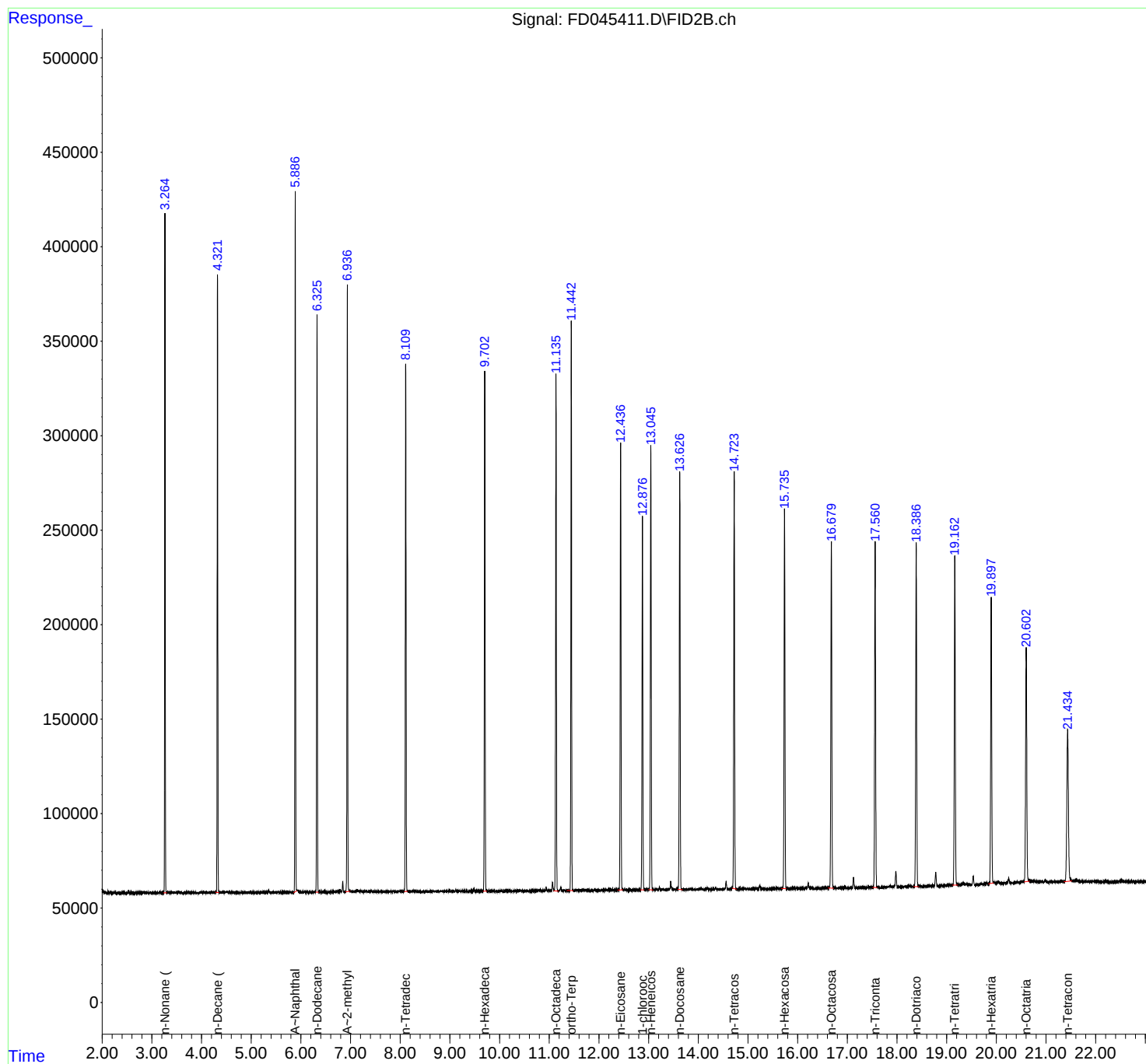
(m)=manual int.

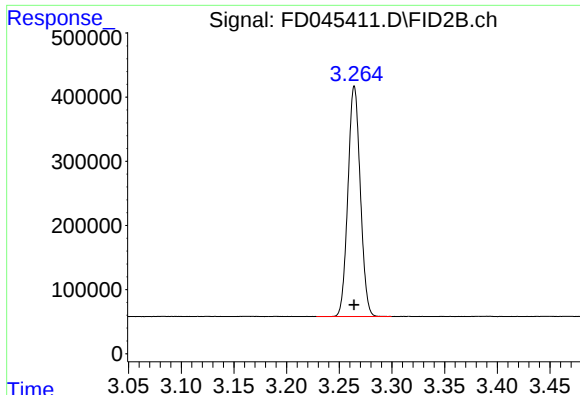
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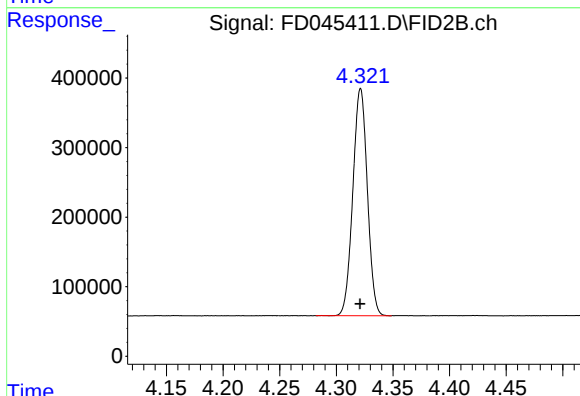




#1 n-Nonane (C9)

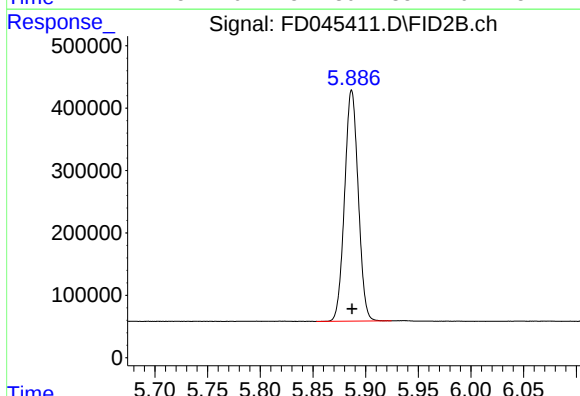
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 2936978
Conc: 19.28 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



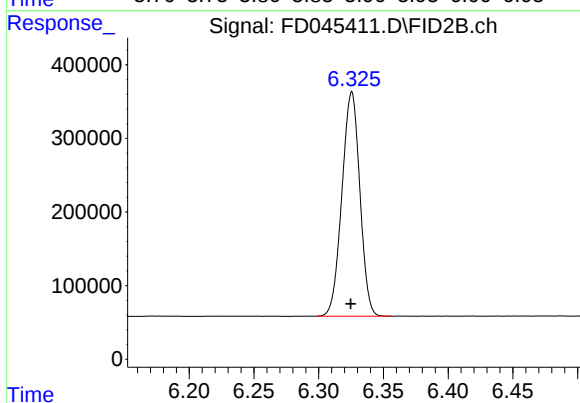
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 2915278
Conc: 19.31 ug/ml



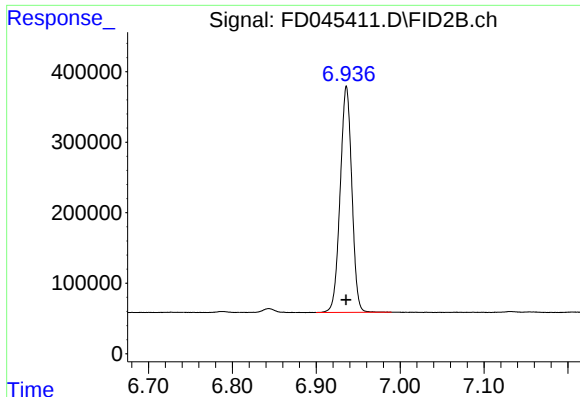
#3 A~Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 3331309
Conc: 19.24 ug/ml



#4 n-Dodecane (C12)

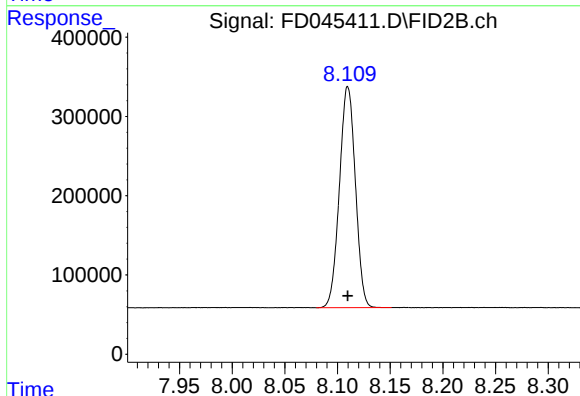
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 2940882
Conc: 19.28 ug/ml



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

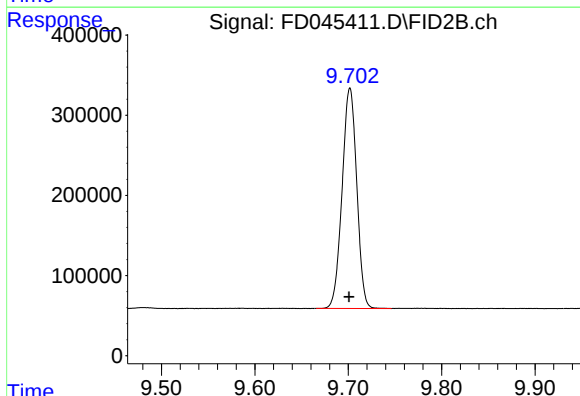
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 3101533
Conc: 19.22 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



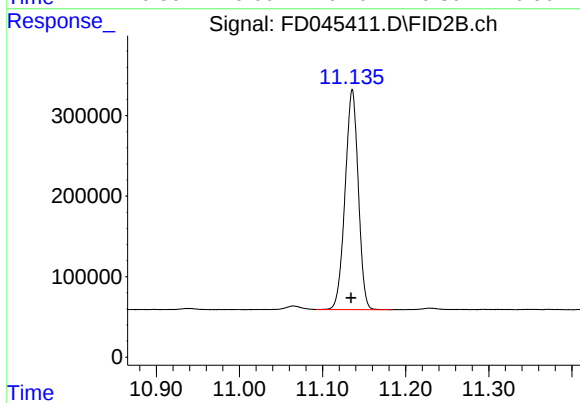
#6 n-Tetradecane (C14)

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 2942672
Conc: 19.23 ug/ml



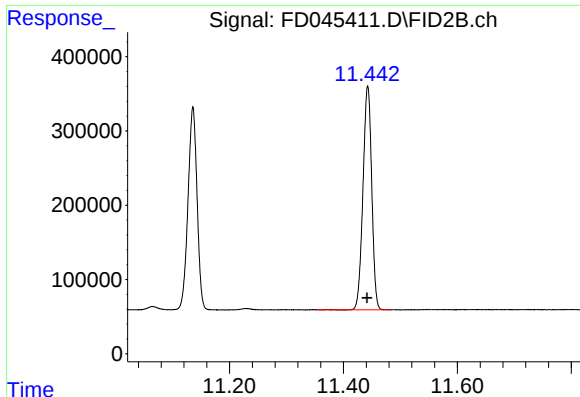
#7 n-Hexadecane (C16)

R.T.: 9.702 min
Delta R.T.: 0.000 min
Response: 2995303
Conc: 19.23 ug/ml



#8 n-Octadecane (C18)

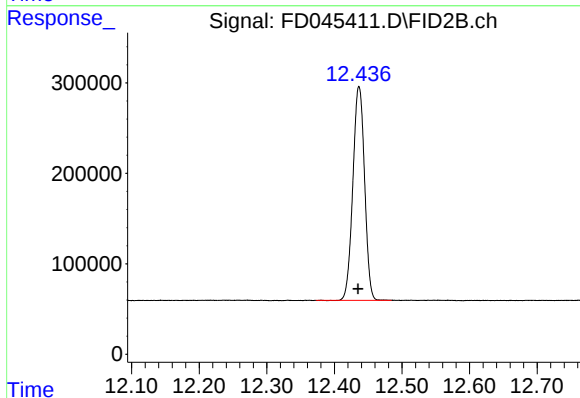
R.T.: 11.136 min
Delta R.T.: 0.001 min
Response: 3016790
Conc: 19.26 ug/ml



#9 ortho-Terphenyl (SURR)

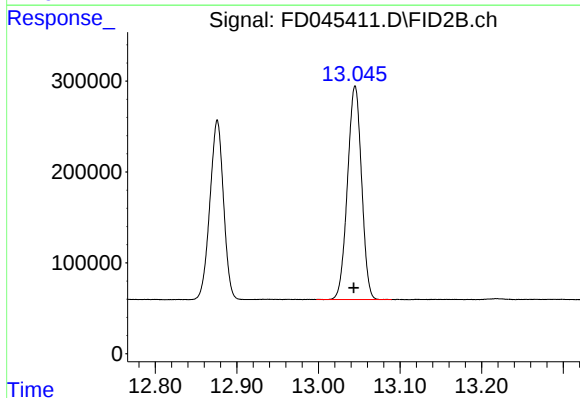
R.T.: 11.443 min
Delta R.T.: 0.001 min
Response: 3202279
Conc: 19.10 ug/ml

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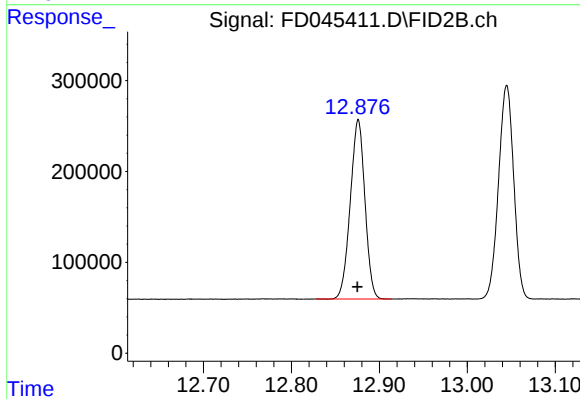
#10 n-Eicosane (C20)

R.T.: 12.437 min
Delta R.T.: 0.001 min
Response: 2846151
Conc: 19.19 ug/ml



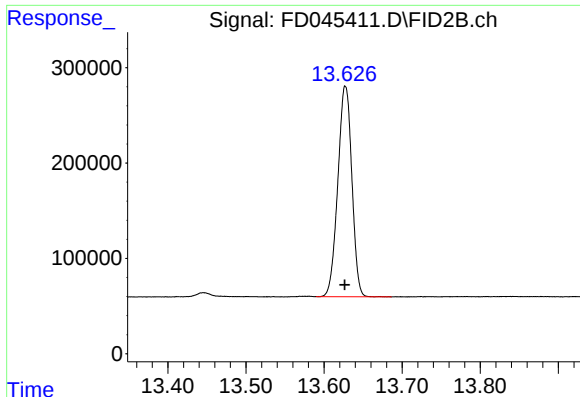
#11 n-Heneicosane (C21)

R.T.: 13.045 min
Delta R.T.: 0.001 min
Response: 2821477
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

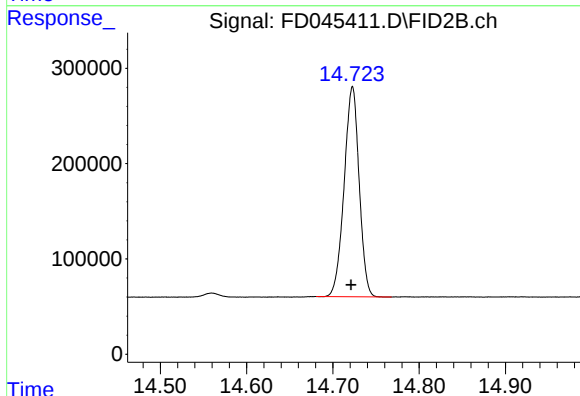
R.T.: 12.876 min
Delta R.T.: 0.001 min
Response: 2285582
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

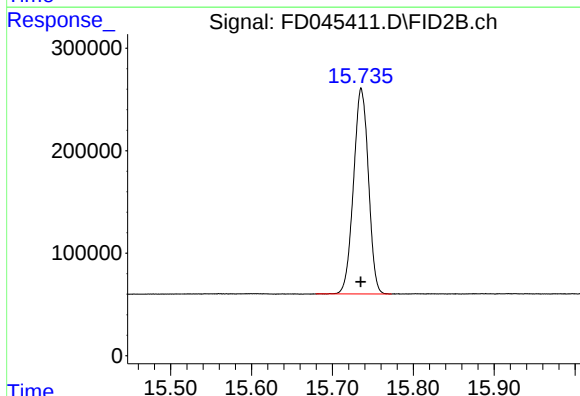
R.T.: 13.627 min
Delta R.T.: 0.001 min
Response: 2760807
Conc: 19.13 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



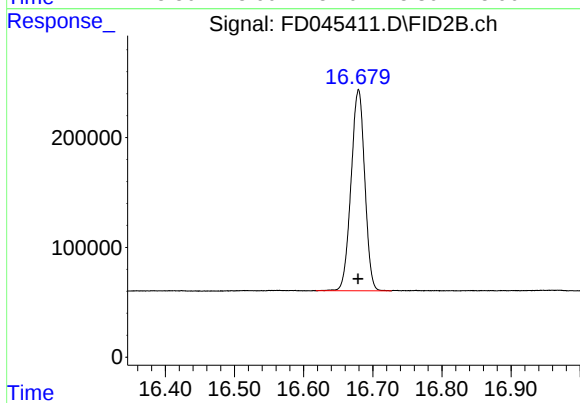
#14 n-Tetracosane (C24)

R.T.: 14.723 min
Delta R.T.: 0.002 min
Response: 2668177
Conc: 19.12 ug/ml



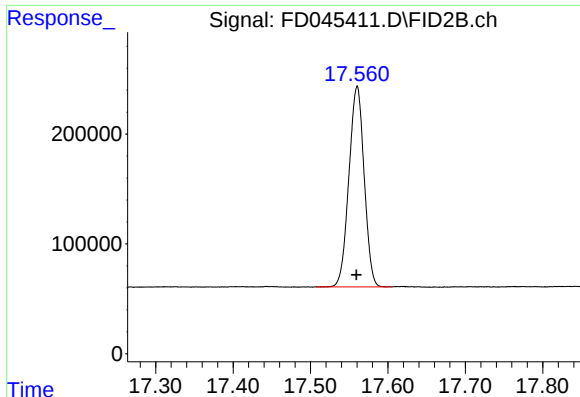
#15 n-Hexacosane (C26)

R.T.: 15.736 min
Delta R.T.: 0.000 min
Response: 2565614
Conc: 19.09 ug/ml



#16 n-Octacosane (C28)

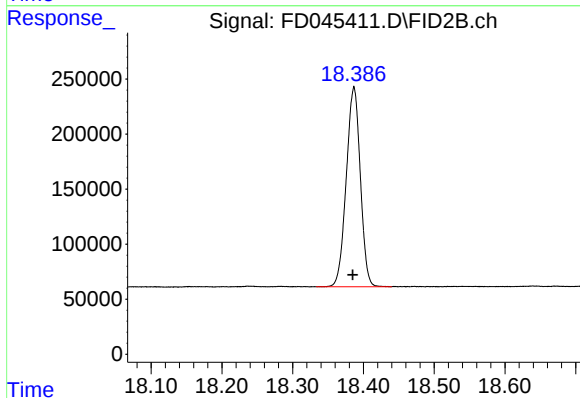
R.T.: 16.679 min
Delta R.T.: 0.000 min
Response: 2517337
Conc: 19.14 ug/ml



#17 n-Tricontane (C30)

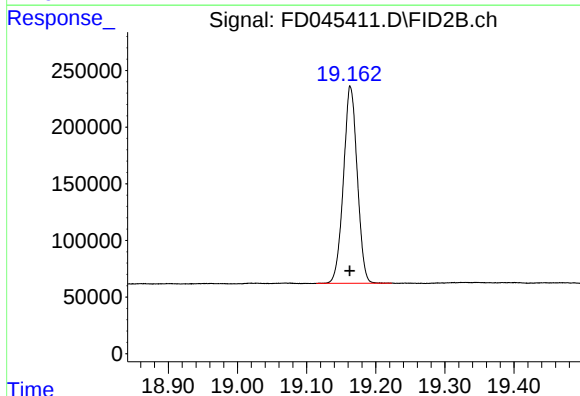
R.T.: 17.560 min
Delta R.T.: 0.000 min
Response: 2498220
Conc: 19.17 ug/ml

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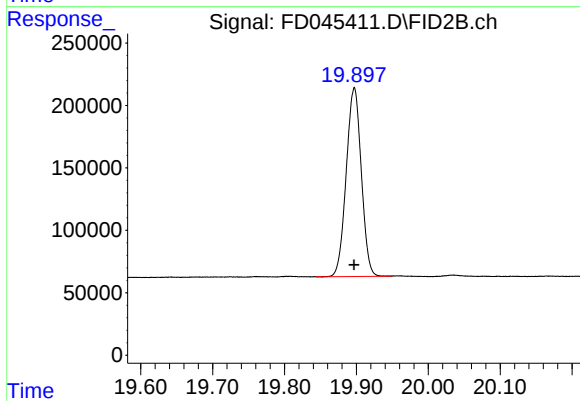
#18 n-Dotriacontane (C32)

R.T.: 18.387 min
Delta R.T.: 0.002 min
Response: 2505346
Conc: 19.25 ug/ml



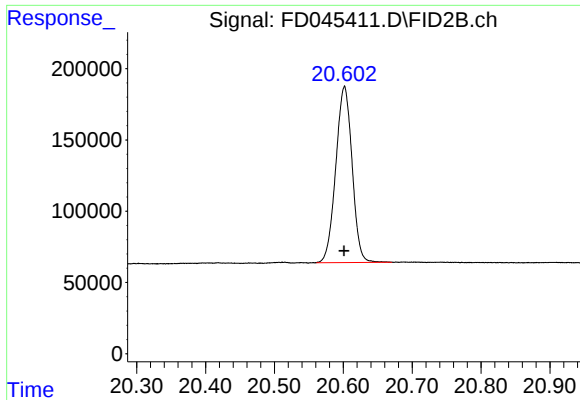
#19 n-Tetratriacontane (C34)

R.T.: 19.163 min
Delta R.T.: 0.000 min
Response: 2411121
Conc: 19.30 ug/ml



#20 n-Hexatriacontane (C36)

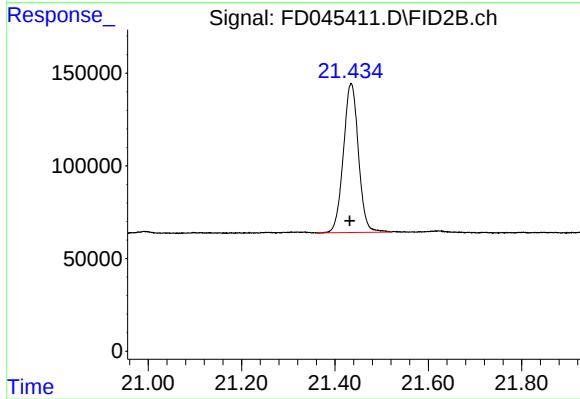
R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 2195448
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.602 min
Delta R.T.: 0.000 min
Response: 2033496
Conc: 18.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.435 min
Delta R.T.: 0.003 min
Response: 1796929
Conc: 16.75 ug/ml