

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043800.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2023 05:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 07:04:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.939	3842542	18.646 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
12) S 1-chlorooctadecane (S...	13.378	2885682	18.492 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T n-Nonane (C9)	3.328	3121714	19.331 ug/ml
2) T n-Decane (C10)	4.579	3185070	19.325 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3518202	19.323 ug/ml
4) T n-Dodecane (C12)	6.742	3232569	19.315 ug/ml
5) T A~2-methylnaphthalene...	7.372	3429290	19.263 ug/ml
6) T n-Tetradecane (C14)	8.569	3252556	19.305 ug/ml
7) T n-Hexadecane (C16)	10.178	3384427	19.186 ug/ml
8) T n-Octadecane (C18)	11.623	3440787	18.994 ug/ml
10) T n-Eicosane (C20)	12.934	3320175	18.761 ug/ml
11) T n-Heneicosane (C21)	13.546	3264941	18.440 ug/ml
13) T n-Docosane (C22)	14.133	3234065	18.438 ug/ml
14) T n-Tetracosane (C24)	15.238	3174314	18.067 ug/ml
15) T n-Hexacosane (C26)	16.260	3055043	17.676 ug/ml
16) T n-Octacosane (C28)	17.210	2905720	17.366 ug/ml
17) T n-Tricontane (C30)	18.099	2878948	17.382 ug/ml
18) T n-Dotriacontane (C32)	18.933	2806149	17.773 ug/ml
19) T n-Tetratriacontane (C34)	19.719	2661497	17.911 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2507189	17.937 ug/ml
21) T n-Octatriacontane (C38)	21.204	2513321	18.840 ug/ml
22) T n-Tetracontane (C40)	22.128	2635955	20.429 ug/ml

(f)=RT Delta > 1/2 Window

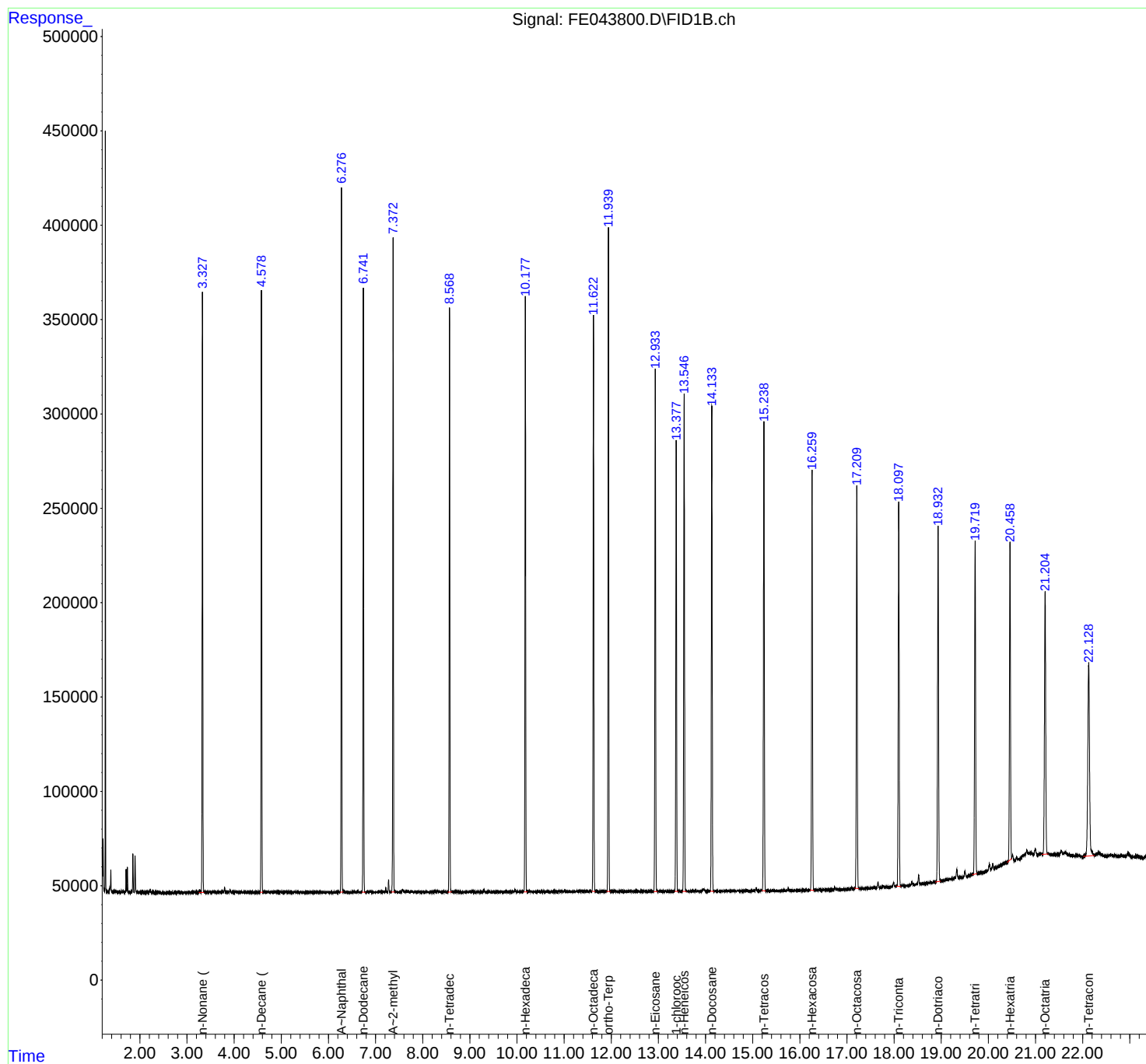
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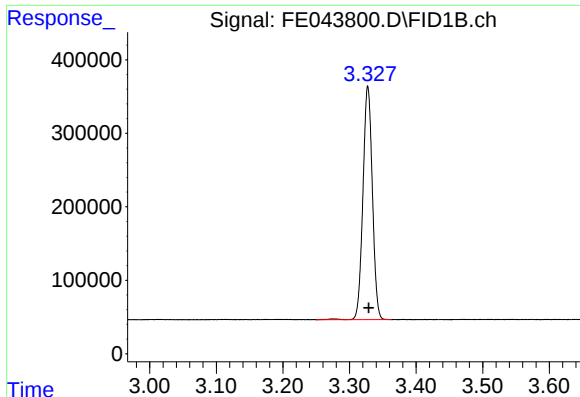
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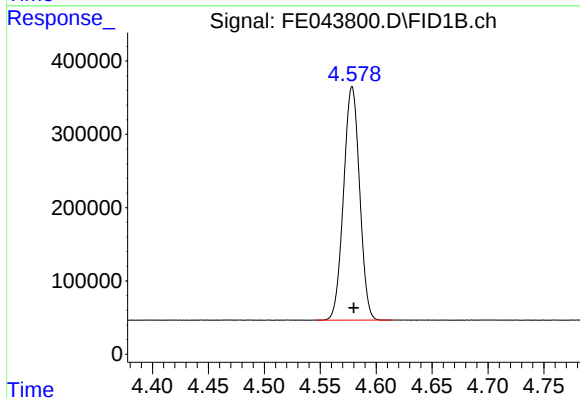




#1 n-Nonane (C9)

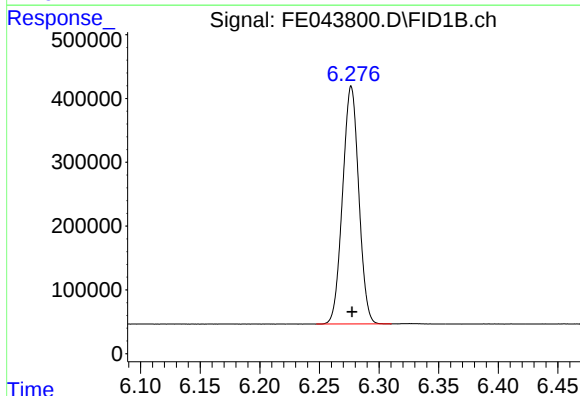
R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 3121714
Conc: 19.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



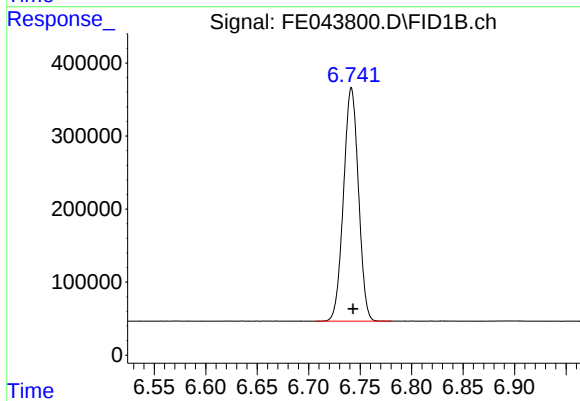
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.001 min
Response: 3185070
Conc: 19.33 ug/ml



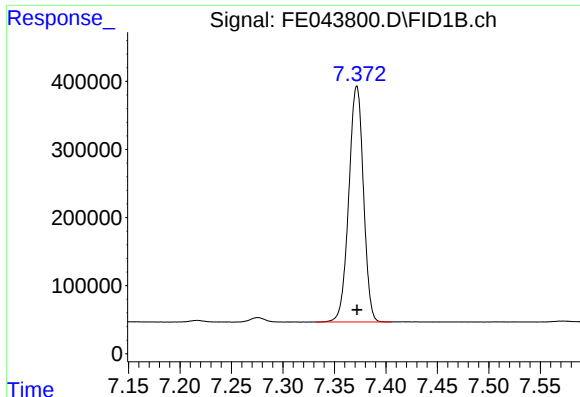
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3518202
Conc: 19.32 ug/ml



#4 n-Dodecane (C12)

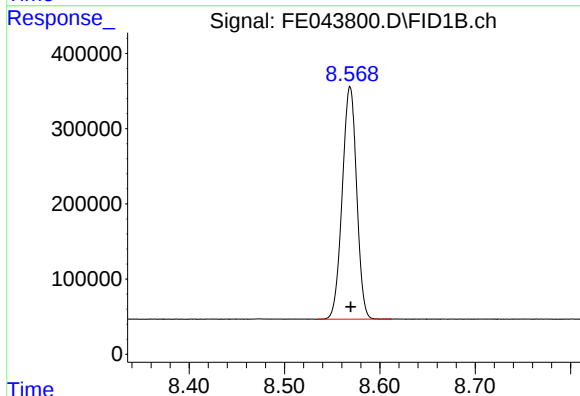
R.T.: 6.742 min
Delta R.T.: -0.002 min
Response: 3232569
Conc: 19.31 ug/ml



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

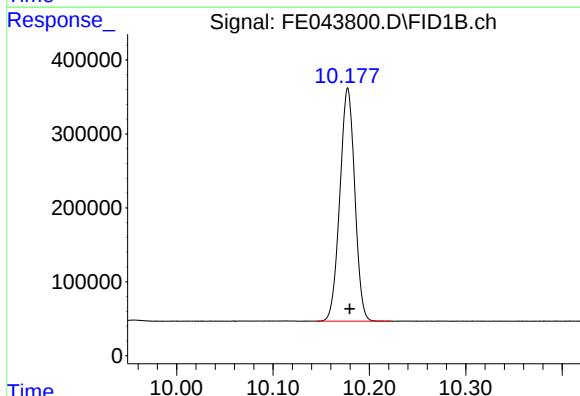
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3429290
Conc: 19.26 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



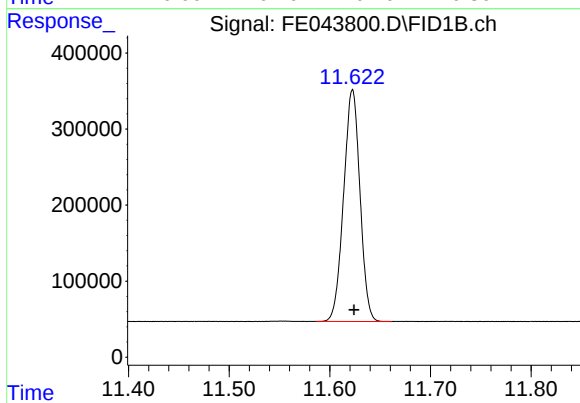
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 3252556
Conc: 19.30 ug/ml



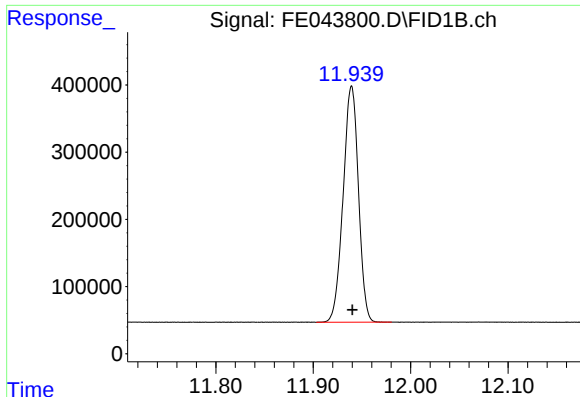
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.002 min
Response: 3384427
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

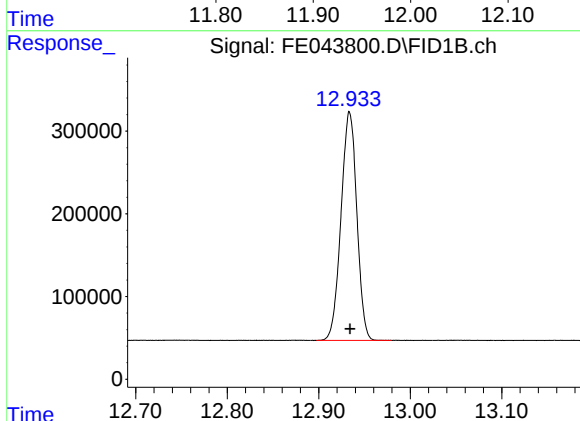
R.T.: 11.623 min
Delta R.T.: -0.002 min
Response: 3440787
Conc: 18.99 ug/ml



#9 ortho-Terphenyl (SURR)

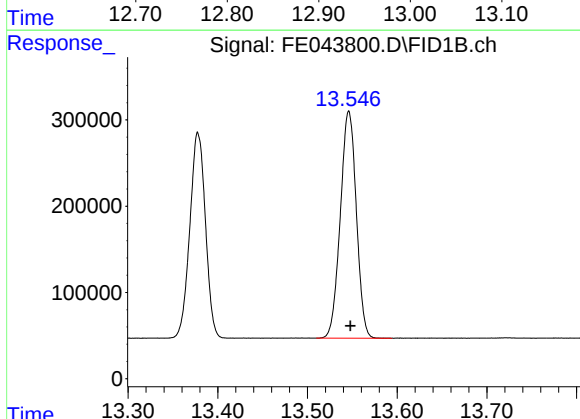
R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 3842542
Conc: 18.65 ug/ml

Instrument :
FID_E
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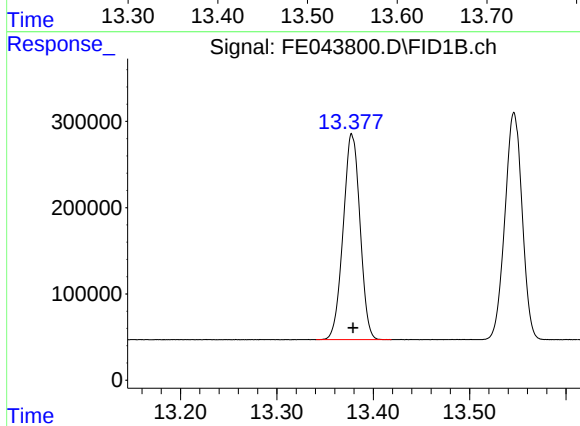
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 3320175
Conc: 18.76 ug/ml



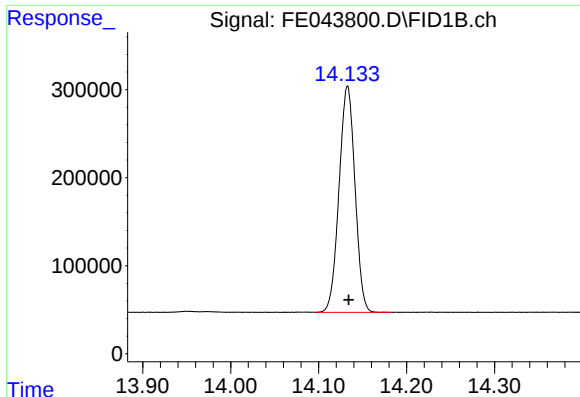
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.002 min
Response: 3264941
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

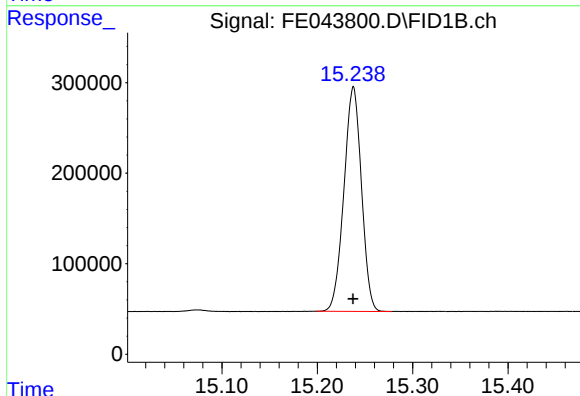
R.T.: 13.378 min
Delta R.T.: -0.001 min
Response: 2885682
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

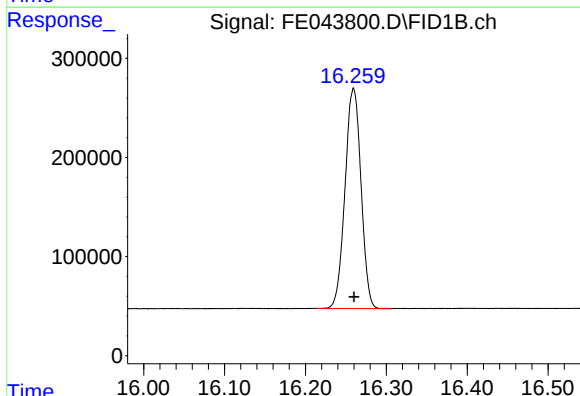
R.T.: 14.133 min
Delta R.T.: -0.001 min
Response: 3234065
Conc: 18.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



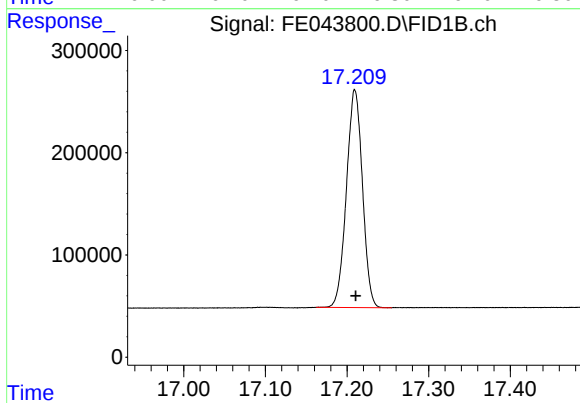
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 3174314
Conc: 18.07 ug/ml



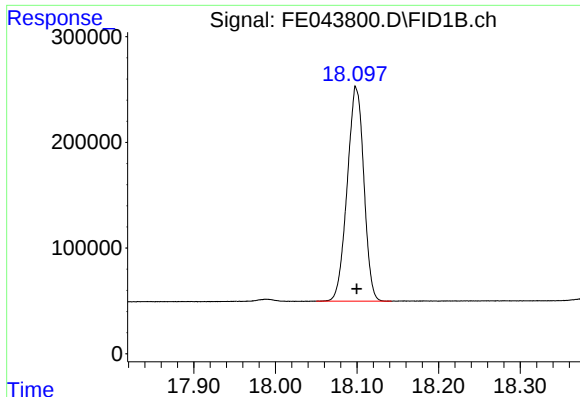
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 3055043
Conc: 17.68 ug/ml



#16 n-Octacosane (C28)

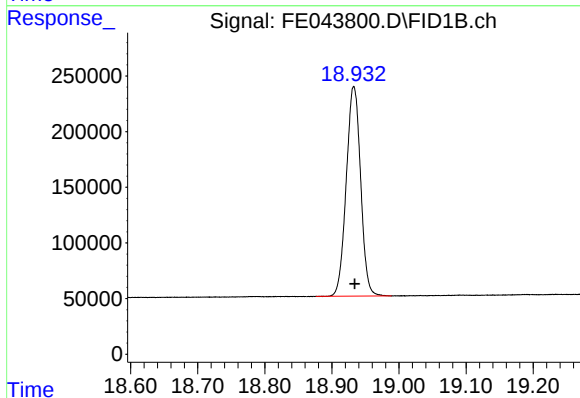
R.T.: 17.210 min
Delta R.T.: -0.001 min
Response: 2905720
Conc: 17.37 ug/ml



#17 n-Tricontane (C30)

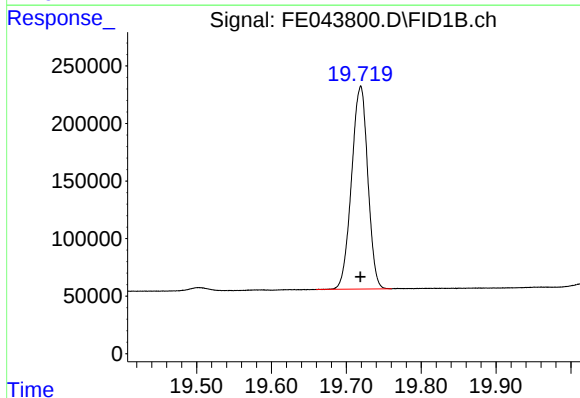
R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 2878948
Conc: 17.38 ug/ml

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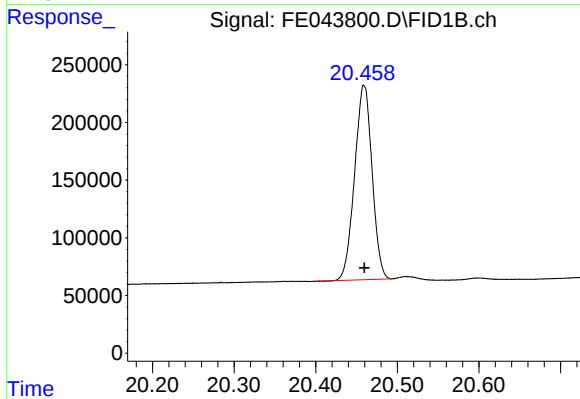
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.002 min
Response: 2806149
Conc: 17.77 ug/ml



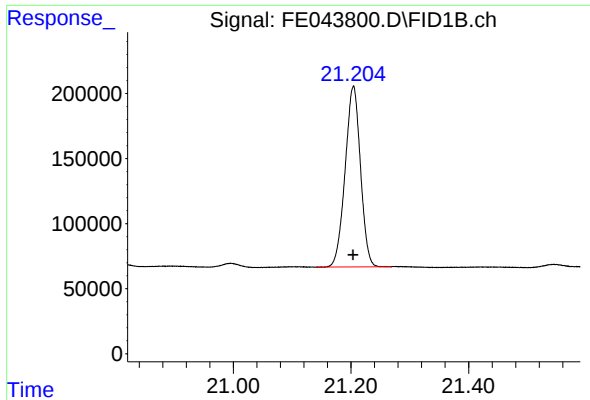
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.000 min
Response: 2661497
Conc: 17.91 ug/ml



#20 n-Hexatriacontane (C36)

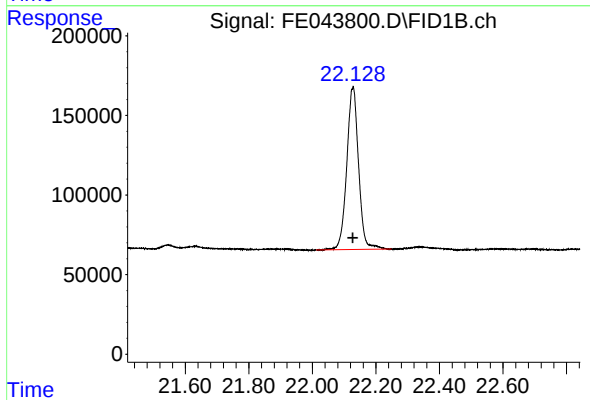
R.T.: 20.459 min
Delta R.T.: 0.000 min
Response: 2507189
Conc: 17.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.000 min
Response: 2513321
Conc: 18.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: 0.002 min
Response: 2635955
Conc: 20.43 ug/ml