

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
 Data File : FE037300.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2022 22:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 30 06:56:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.648	3431797	20.307 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	13.070	2624111	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T n-Nonane (C9)	3.045	3120063	20.392 ug/ml
2) T n-Decane (C10)	4.302	3150250	20.433 ug/ml
3) T A~Naphthalene (C11.7)	6.017	3083526	21.403 ug/ml
4) T n-Dodecane (C12)	6.472	3226625	20.405 ug/ml
5) T A~2-methylnaphthalene...	7.110	2938490	21.047 ug/ml
6) T n-Tetradecane (C14)	9.890	3236928	20.428 ug/ml
7) T n-Hexadecane (C16)	9.890	3236928	20.428 ug/ml
8) T n-Octadecane (C18)	11.325	3242097	20.359 ug/ml
10) T n-Eicosane (C20)	12.626	3216319	20.328 ug/ml
11) T n-Heneicosane (C21)	13.235	3200794	20.298 ug/ml
13) T n-Docosane (C22)	13.817	3155944	20.273 ug/ml
14) T n-Tetracosane (C24)	14.914	3044724	20.244 ug/ml
15) T n-Hexacosane (C26)	15.929	2931784	20.247 ug/ml
16) T n-Octacosane (C28)	16.873	2801276	20.220 ug/ml
17) T n-Tricontane (C30)	17.755	2749735	20.214 ug/ml
18) T n-Dotriacontane (C32)	18.583	2693849	20.174 ug/ml
19) T n-Tetratriacontane (C34)	19.363	2575445	20.355 ug/ml
20) T n-Hexatriacontane (C36)	20.097	2588958	20.130 ug/ml
21) T n-Octatriacontane (C38)	20.796	2551393	20.500 ug/ml
22) T n-Tetracontane (C40)	21.579	2571868	19.950 ug/ml

(f)=RT Delta > 1/2 Window

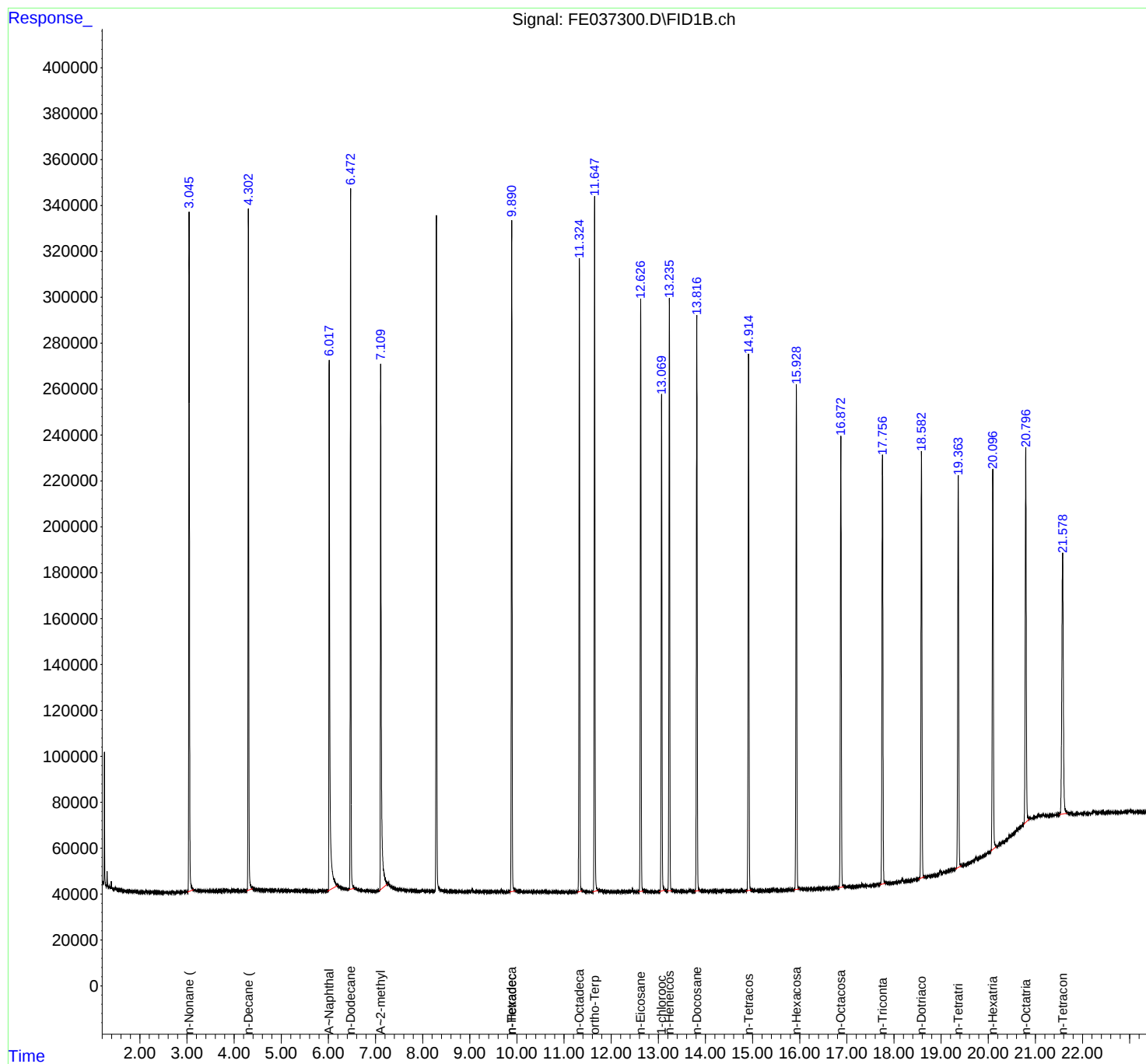
(m)=manual int.

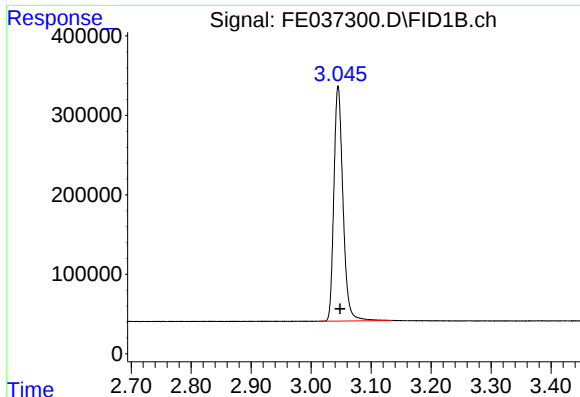
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
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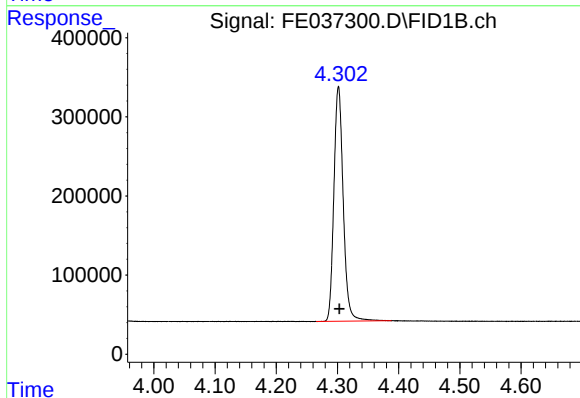




#1 n-Nonane (C9)

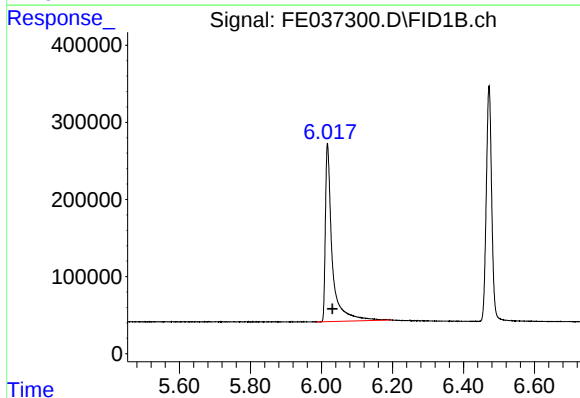
R.T.: 3.045 min
Delta R.T.: -0.003 min
Response: 3120063
Conc: 20.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



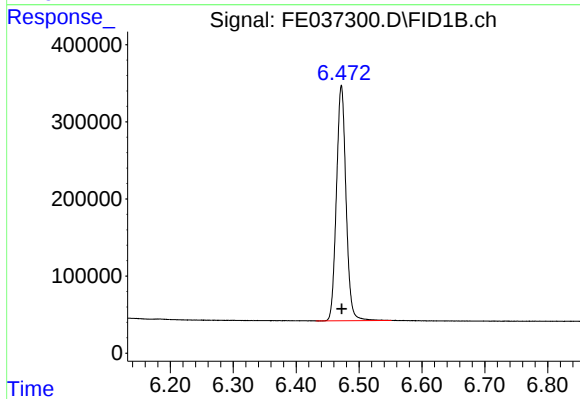
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 3150250
Conc: 20.43 ug/ml



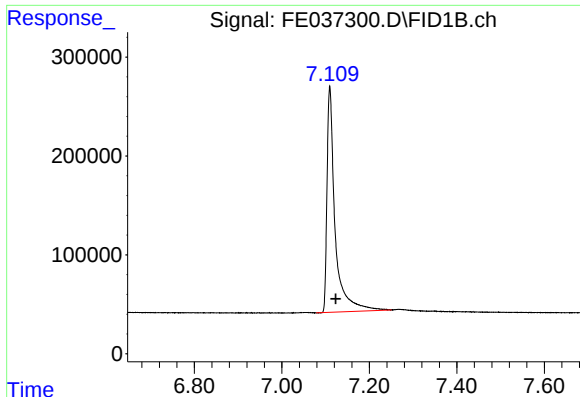
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.014 min
Response: 3083526
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

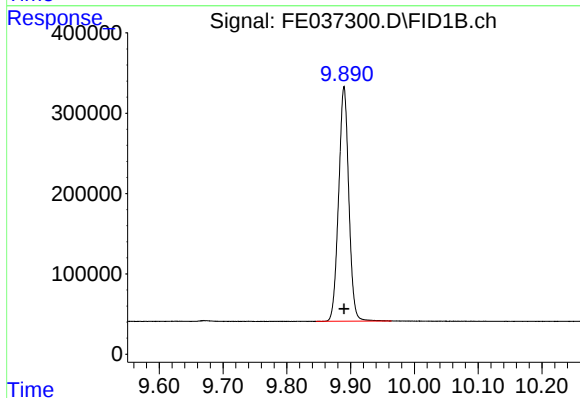
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 3226625
Conc: 20.40 ug/ml



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

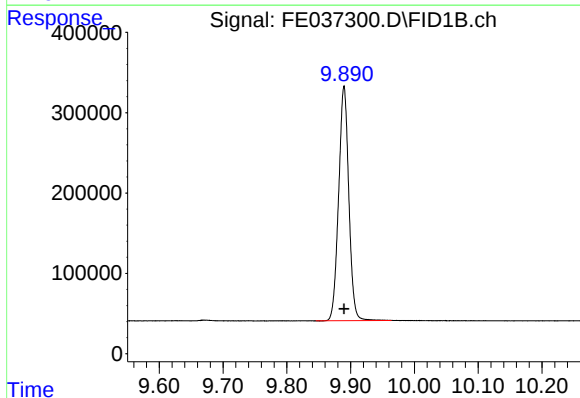
R.T.: 7.110 min
Delta R.T.: -0.014 min
Response: 2938490
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



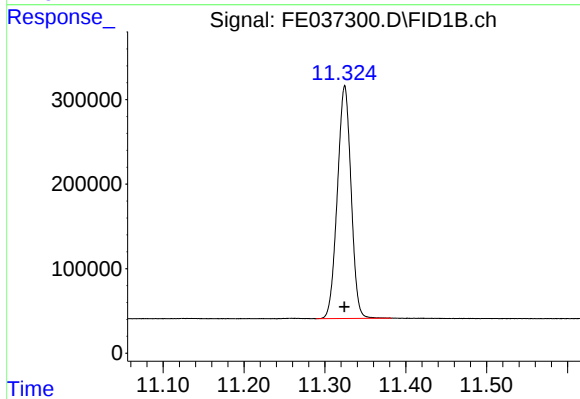
#6 n-Tetradecane (C14)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 3236928
Conc: 20.43 ug/ml



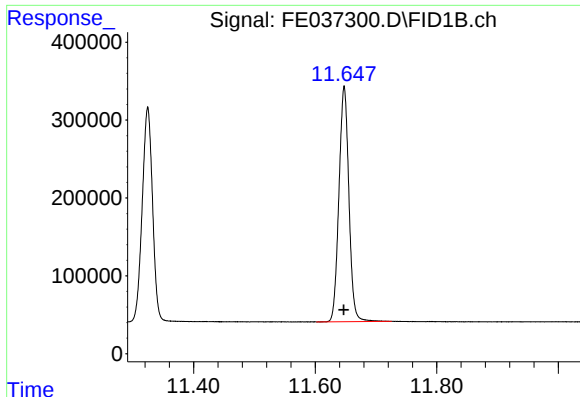
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 3236928
Conc: 20.43 ug/ml



#8 n-Octadecane (C18)

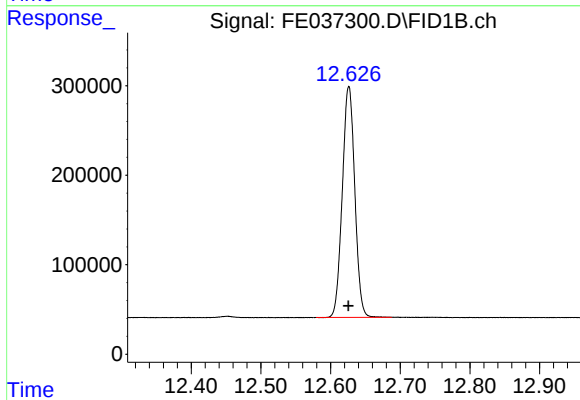
R.T.: 11.325 min
Delta R.T.: 0.000 min
Response: 3242097
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

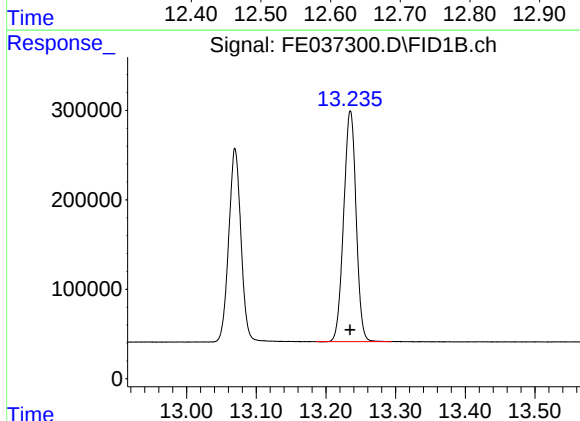
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 3431797
Conc: 20.31 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



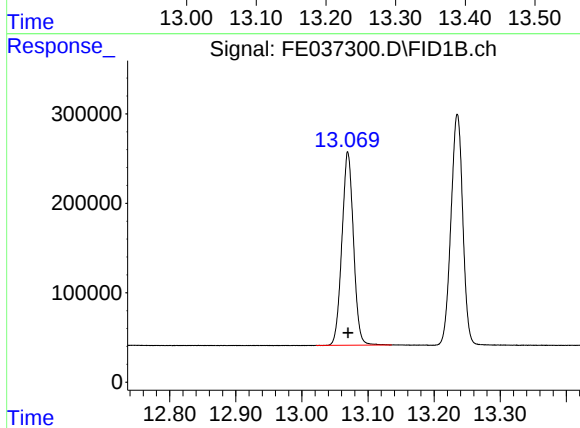
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: 0.000 min
Response: 3216319
Conc: 20.33 ug/ml



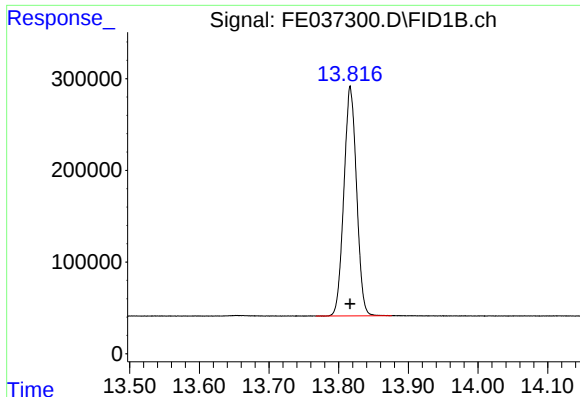
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 3200794
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

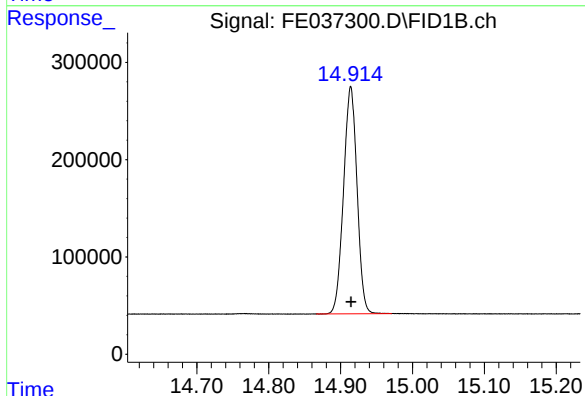
R.T.: 13.070 min
Delta R.T.: 0.000 min
Response: 2624111
Conc: 20.39 ug/ml



#13 n-Docosane (C22)

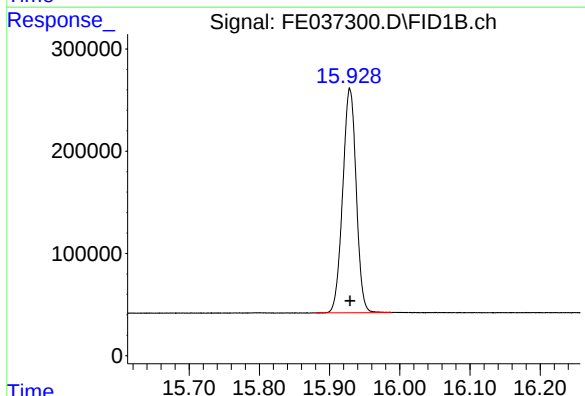
R.T.: 13.817 min
Delta R.T.: 0.000 min
Response: 3155944
Conc: 20.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



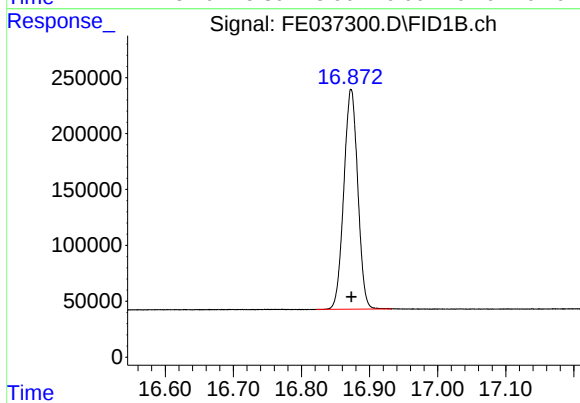
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: 0.000 min
Response: 3044724
Conc: 20.24 ug/ml



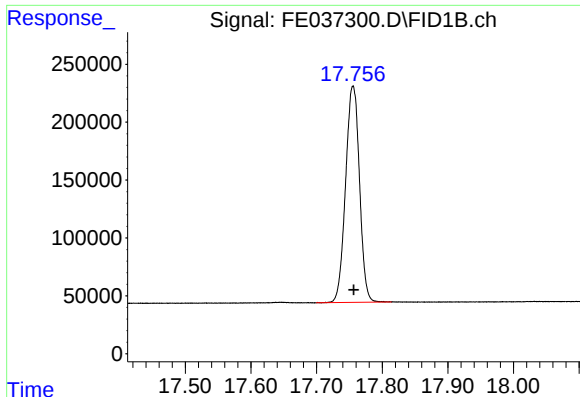
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: 0.000 min
Response: 2931784
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

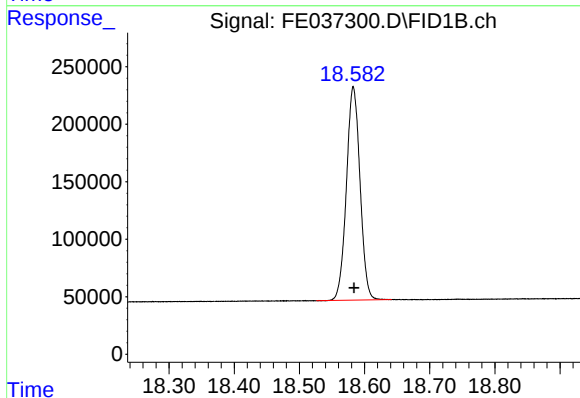
R.T.: 16.873 min
Delta R.T.: 0.000 min
Response: 2801276
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

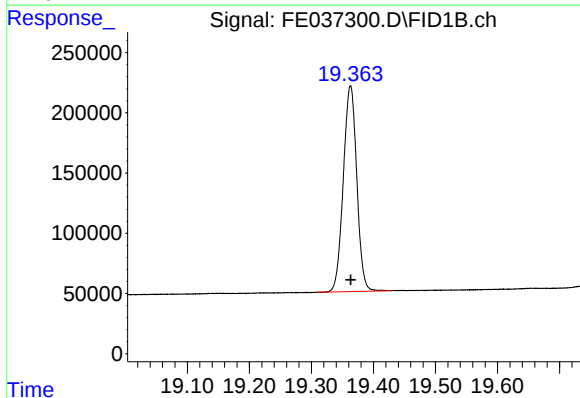
R.T.: 17.755 min
Delta R.T.: -0.001 min
Response: 2749735
Conc: 20.21 ug/ml

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20 PPM ALIPHATIC HC STD



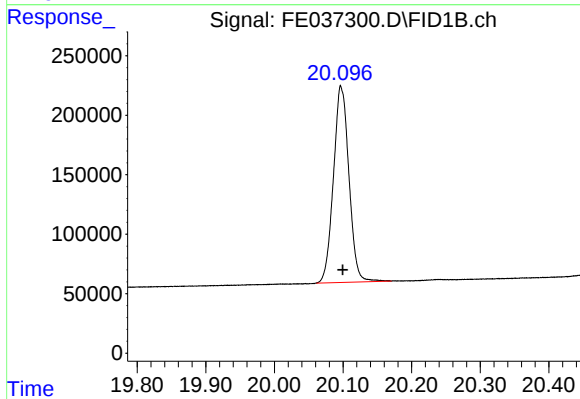
#18 n-Dotriacontane (C32)

R.T.: 18.583 min
Delta R.T.: -0.001 min
Response: 2693849
Conc: 20.17 ug/ml



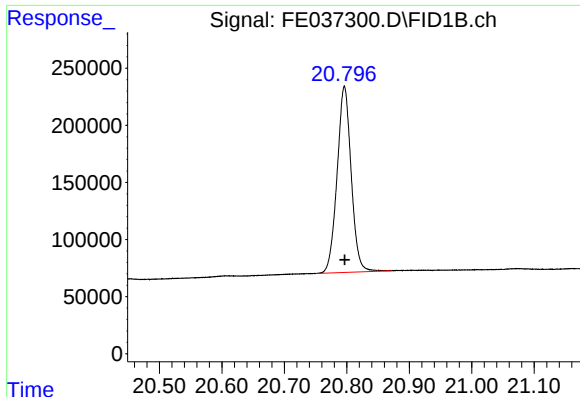
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: 0.000 min
Response: 2575445
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

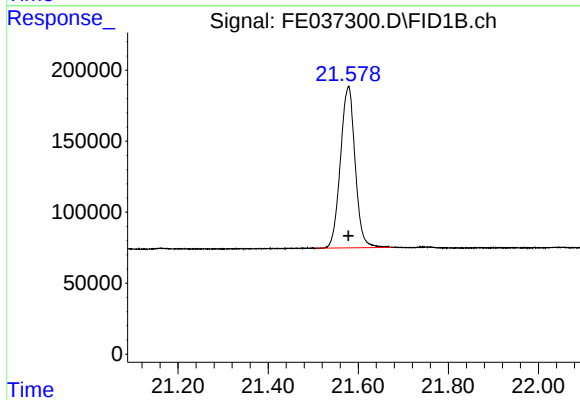
R.T.: 20.097 min
Delta R.T.: -0.002 min
Response: 2588958
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: 0.000 min
Response: 2551393
Conc: 20.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: 0.000 min
Response: 2571868
Conc: 19.95 ug/ml