

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022525AL\
 Data File : FE052486.D
 Signal(s) : FID1B.ch
 Acq On : 25 Feb 2025 12:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 26 03:07:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.916	3638982	19.467 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
12) S 1-chlorooctadecane (S...	13.361	2727359	19.622 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.255	3333202	21.715 ug/ml
2) T n-Decane (C10)	4.517	3426607	21.939 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3763850	21.785 ug/ml
4) T n-Dodecane (C12)	6.698	3408685	21.596 ug/ml
5) T A~2-methylnaphthalene...	7.333	3614501	21.521 ug/ml
6) T n-Tetradecane (C14)	8.535	3304267	20.978 ug/ml
7) T n-Hexadecane (C16)	10.150	3357852	20.545 ug/ml
8) T n-Octadecane (C18)	11.600	3332012	20.138 ug/ml
10) T n-Eicosane (C20)	12.915	3168174	19.873 ug/ml
11) T n-Heneicosane (C21)	13.529	3100616	19.791 ug/ml
13) T n-Docosane (C22)	14.118	3074979	19.649 ug/ml
14) T n-Tetracosane (C24)	15.224	3051456	19.403 ug/ml
15) T n-Hexacosane (C26)	16.249	3010068	19.434 ug/ml
16) T n-Octacosane (C28)	17.201	2978975	19.475 ug/ml
17) T n-Tricontane (C30)	18.091	3041241	19.483 ug/ml
18) T n-Dotriacontane (C32)	18.926	2953285	19.300 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2642773	18.577 ug/ml
20) T n-Hexatriacontane (C36)	20.453	2361248	18.945 ug/ml
21) T n-Octatriacontane (C38)	21.196	2342060	21.427 ug/ml
22) T n-Tetracontane (C40)	22.120	2428935	24.147 ug/ml

(f)=RT Delta > 1/2 Window

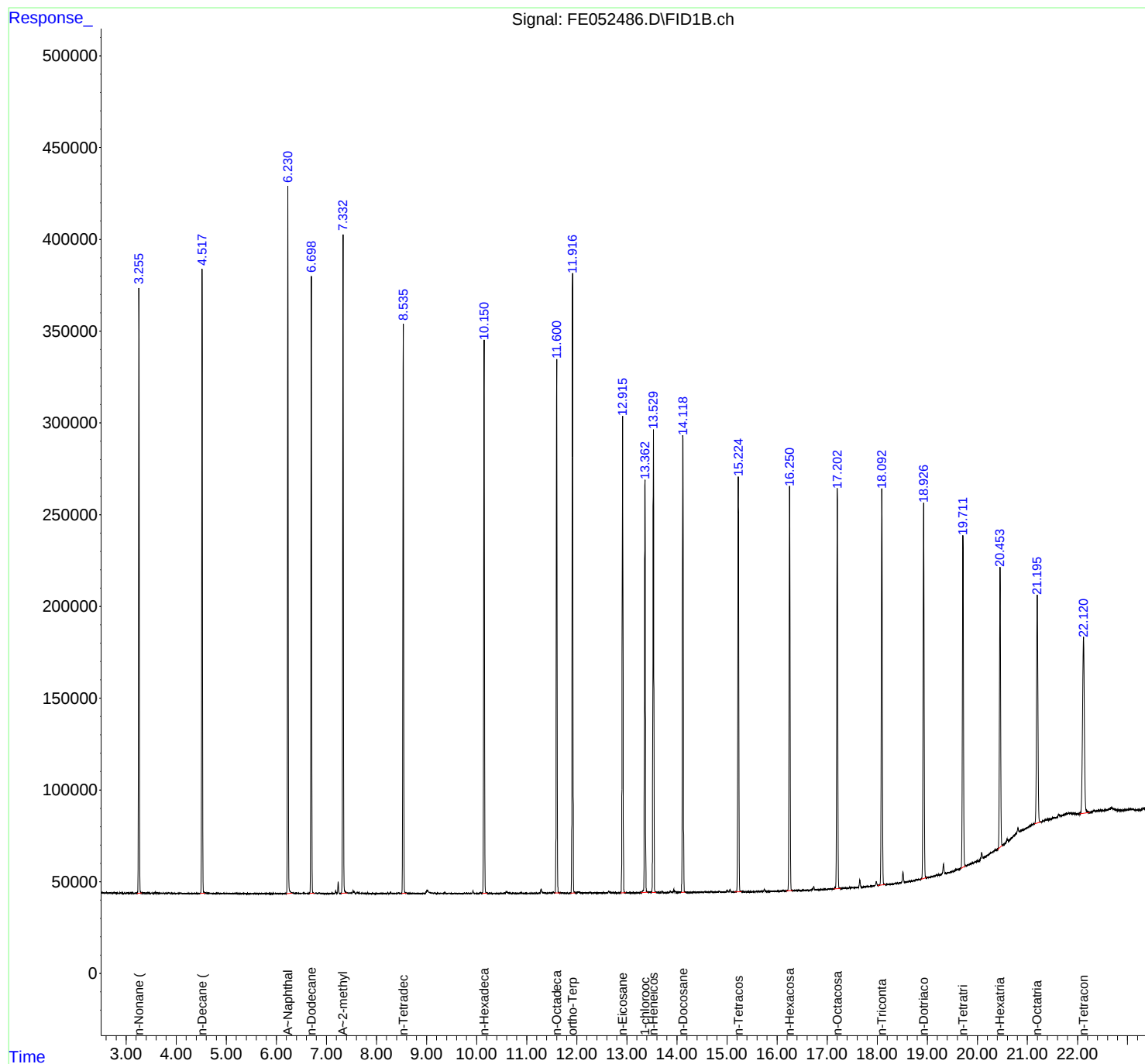
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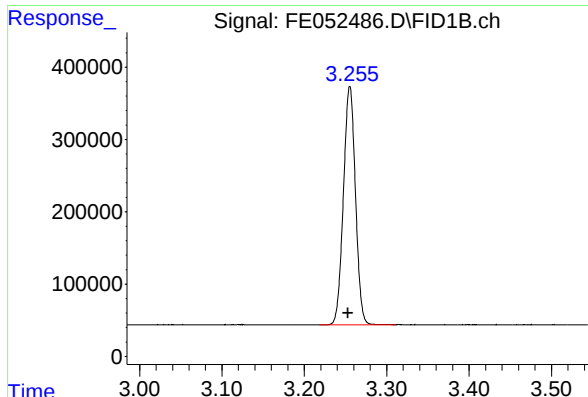
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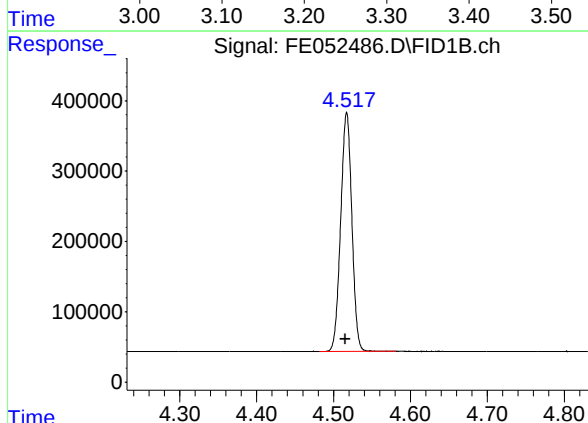




#1 n-Nonane (C9)

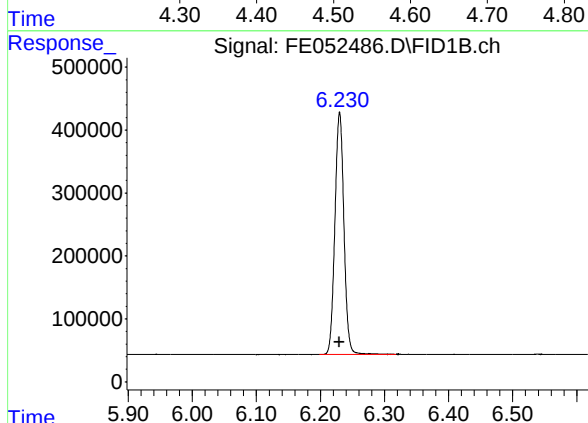
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3333202
Conc: 21.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



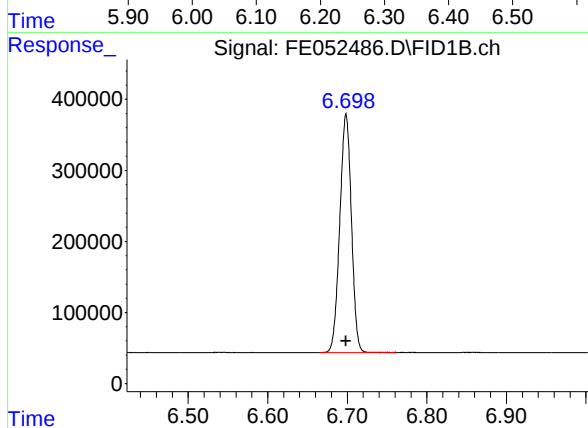
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 3426607
Conc: 21.94 ug/ml



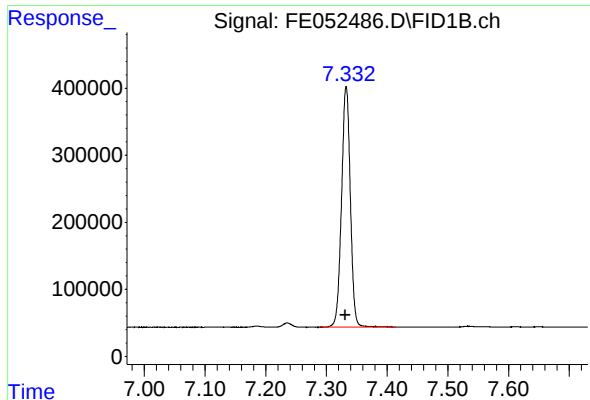
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 3763850
Conc: 21.79 ug/ml



#4 n-Dodecane (C12)

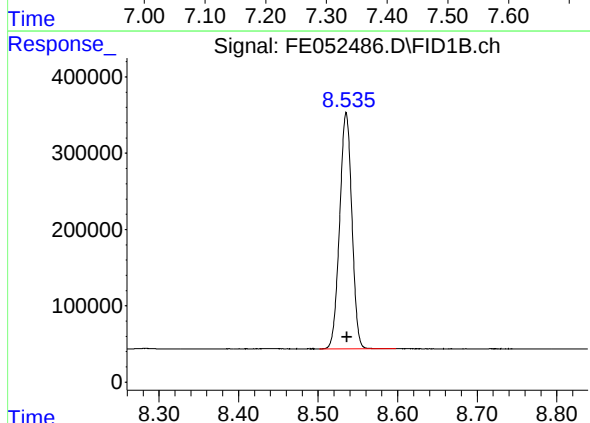
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3408685
Conc: 21.60 ug/ml



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

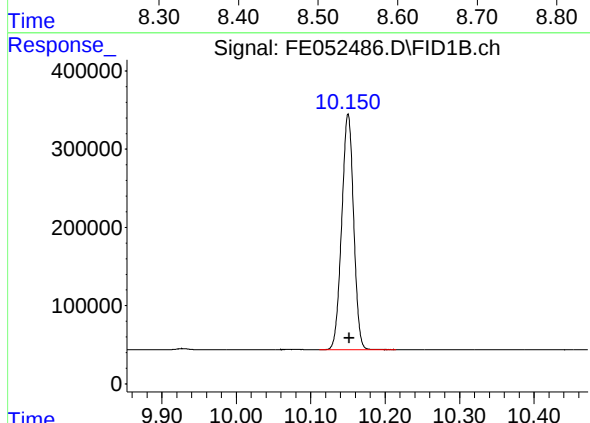
R.T.: 7.333 min
Delta R.T.: 0.001 min
Response: 3614501
Conc: 21.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



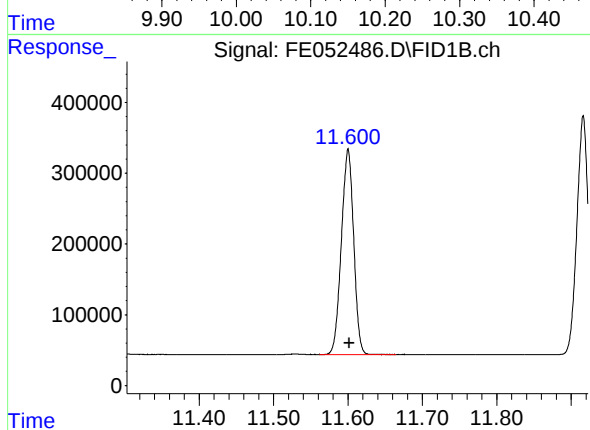
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 3304267
Conc: 20.98 ug/ml



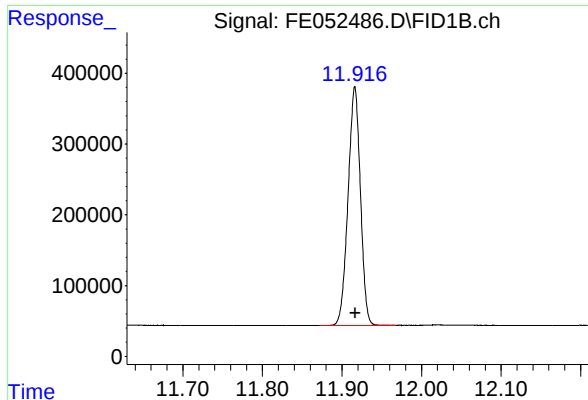
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.002 min
Response: 3357852
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

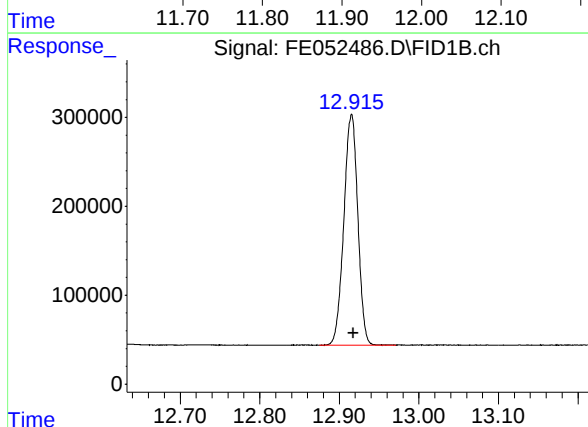
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 3332012
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

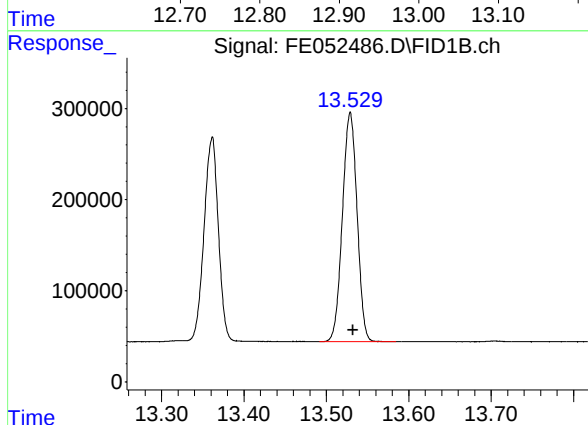
R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 3638982
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



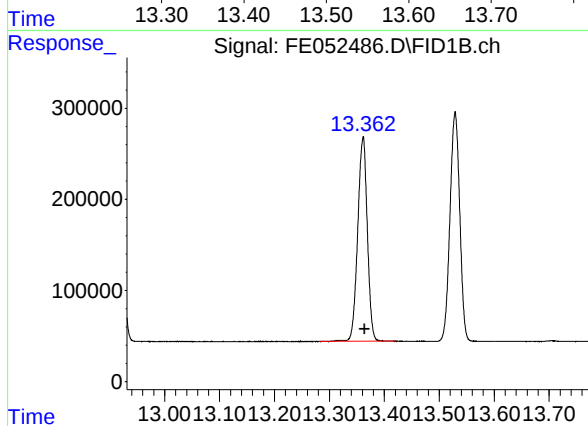
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.003 min
Response: 3168174
Conc: 19.87 ug/ml



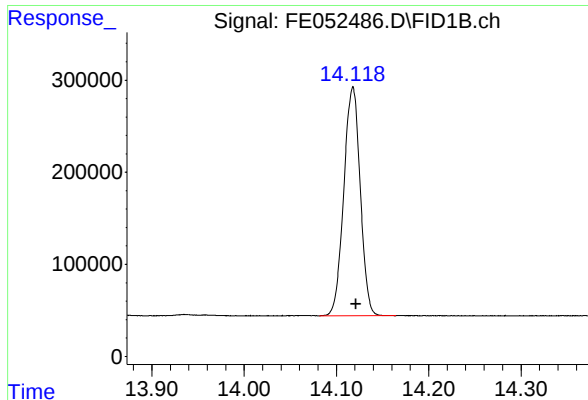
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.003 min
Response: 3100616
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

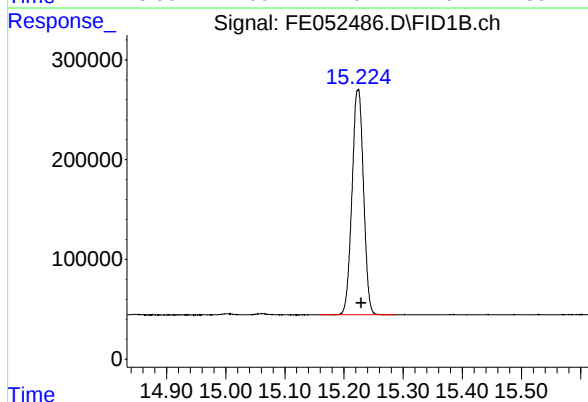
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 2727359
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

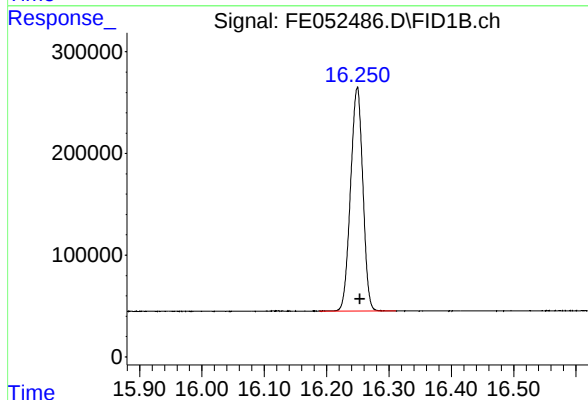
R.T.: 14.118 min
Delta R.T.: -0.004 min
Response: 3074979
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



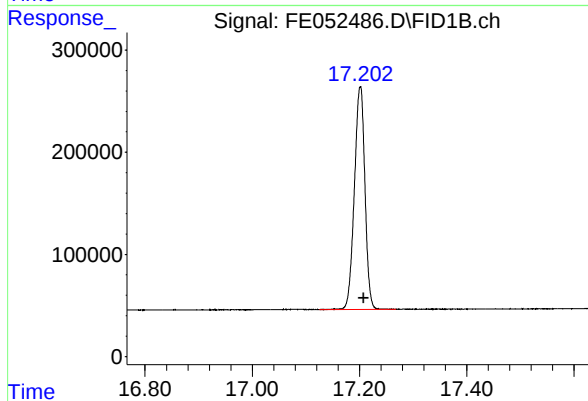
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.005 min
Response: 3051456
Conc: 19.40 ug/ml



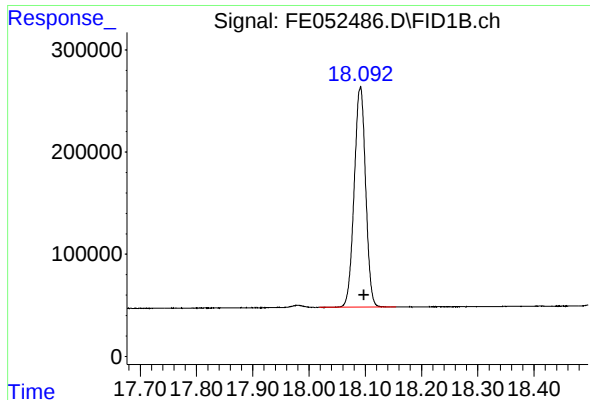
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.005 min
Response: 3010068
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

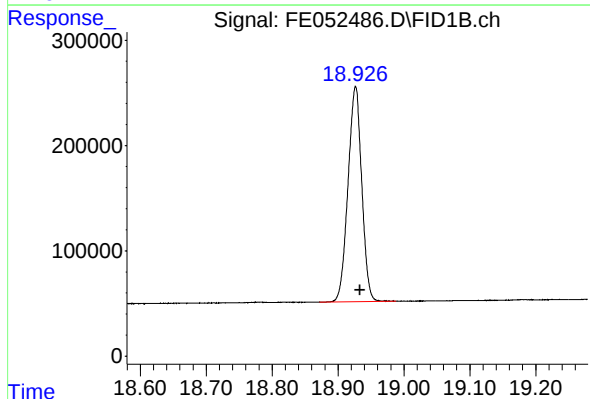
R.T.: 17.201 min
Delta R.T.: -0.006 min
Response: 2978975
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

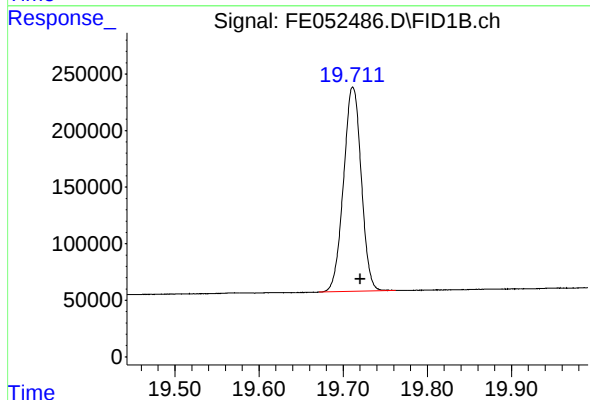
R.T.: 18.091 min
Delta R.T.: -0.006 min
Response: 3041241
Conc: 19.48 ug/ml

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20 PPM ALIPHATIC HC STD



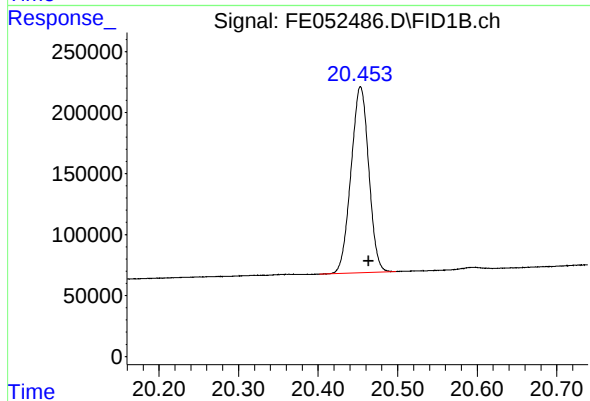
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.007 min
Response: 2953285
Conc: 19.30 ug/ml



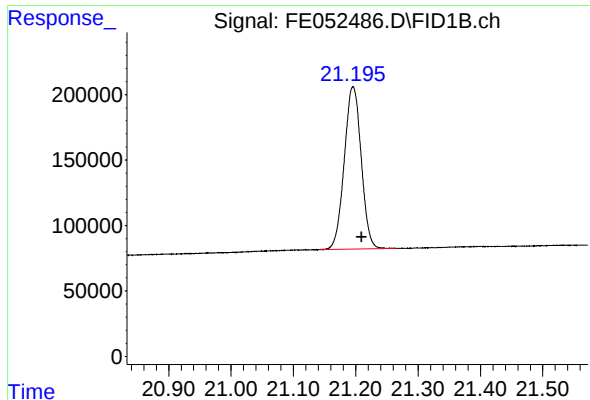
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.009 min
Response: 2642773
Conc: 18.58 ug/ml



#20 n-Hexatriacontane (C36)

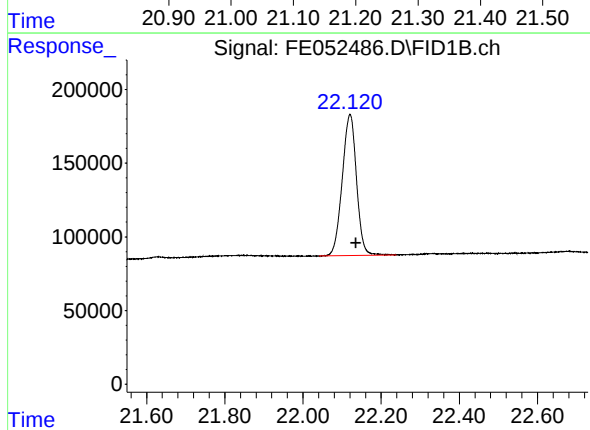
R.T.: 20.453 min
Delta R.T.: -0.010 min
Response: 2361248
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.014 min
Response: 2342060
Conc: 21.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.015 min
Response: 2428935
Conc: 24.15 ug/ml