

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
 Data File : FE048288.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2024 18:04
 Operator : YP\AJ
 Sample : P2518-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-MH-LLMSD

Integration File: autoint1.e
 Quant Time: May 21 01:24:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.959	5095190	35.318 ug/ml
Spiked Amount 50.000		Recovery =	70.64%
12) S 1-chlorooctadecane (S...	13.392	4297489	38.459 ug/ml
Spiked Amount 50.000		Recovery =	76.92%
Target Compounds			
1) T n-Nonane (C9)	3.346	3792942	29.430 ug/ml
2) T n-Decane (C10)	4.595	4249875	32.281 ug/ml
3) T A~Naphthalene (C11.7)	6.301	4635386	33.570 ug/ml
4) T n-Dodecane (C12)	6.760	4372175	32.797 ug/ml
5) T A~2-methylnaphthalene...	7.397	4816239	36.192 ug/ml
6) T n-Tetradecane (C14)	8.589	4809731	36.294 ug/ml
7) T n-Hexadecane (C16)	10.196	5147647	37.428 ug/ml
8) T n-Octadecane (C18)	11.639	5178523	37.176 ug/ml
10) T n-Eicosane (C20)	12.948	5184487	38.505 ug/ml
11) T n-Heneicosane (C21)	13.559	5016469	37.896 ug/ml
13) T n-Docosane (C22)	14.145	5005325	37.770 ug/ml
14) T n-Tetracosane (C24)	15.240	9140406	68.646 ug/ml
15) T n-Hexacosane (C26)	16.268	5037889	37.753 ug/ml
16) T n-Octacosane (C28)	17.216	5106917	38.356 ug/ml
17) T n-Tricontane (C30)	18.103	5186138	37.577 ug/ml
18) T n-Dotriacontane (C32)	18.935	5271847	38.167 ug/ml
19) T n-Tetratriacontane (C34)	19.718	5255780	38.582 ug/ml
20) T n-Hexatriacontane (C36)	20.456	5197990	38.390 ug/ml
21) T n-Octatriacontane (C38)	21.196	5306800	38.436 ug/ml
22) T n-Tetracontane (C40)	22.118	5173807	37.136 ug/ml

(f)=RT Delta > 1/2 Window

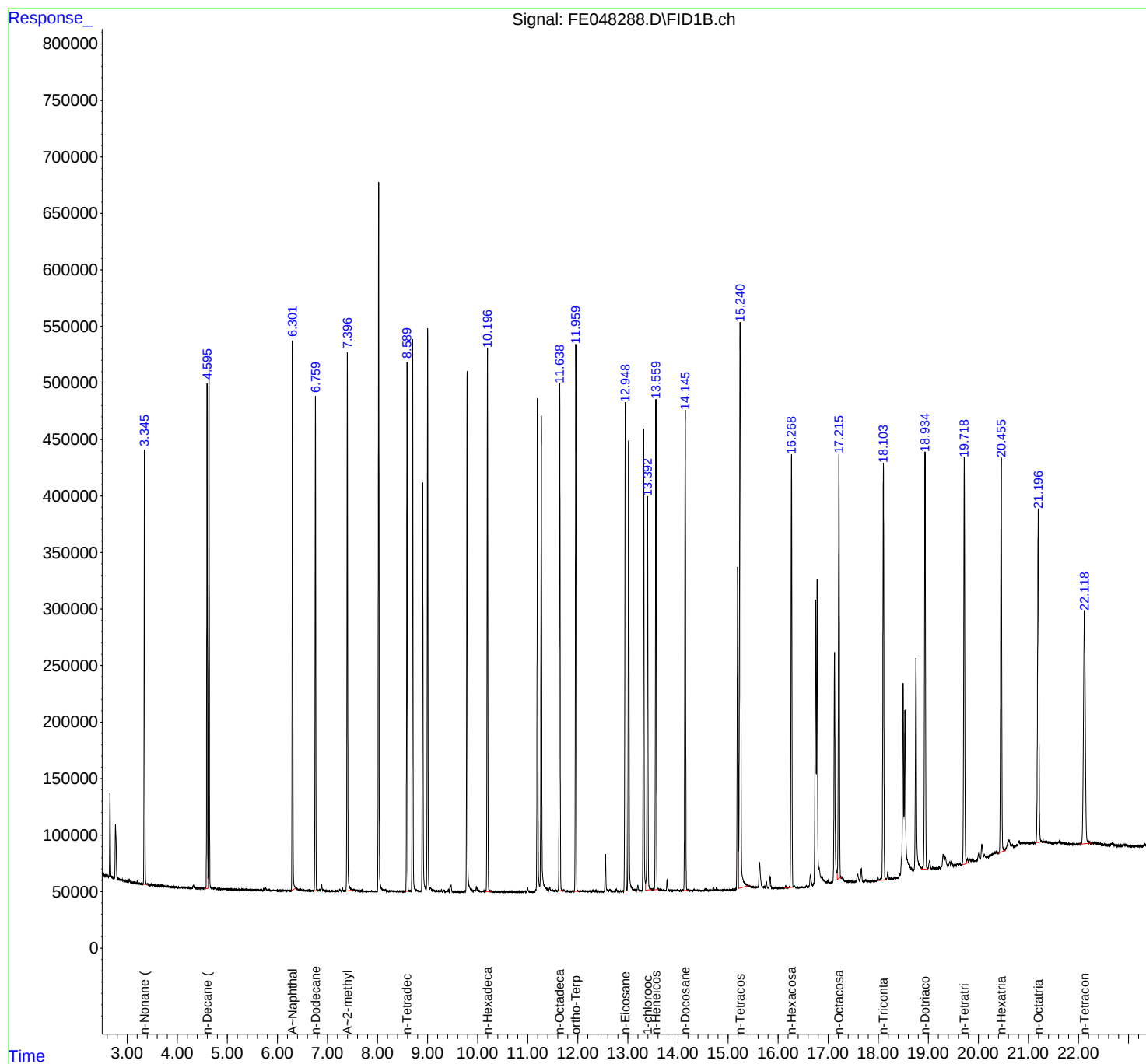
(m)=manual int.

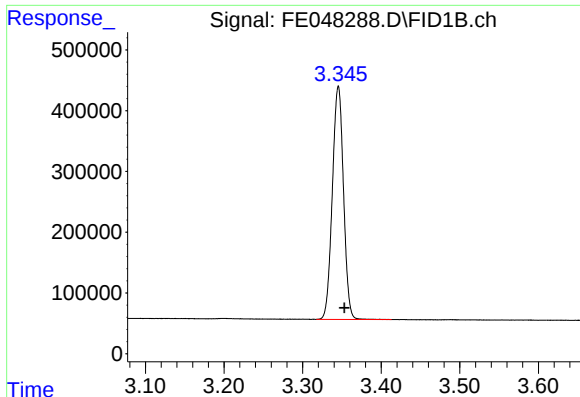
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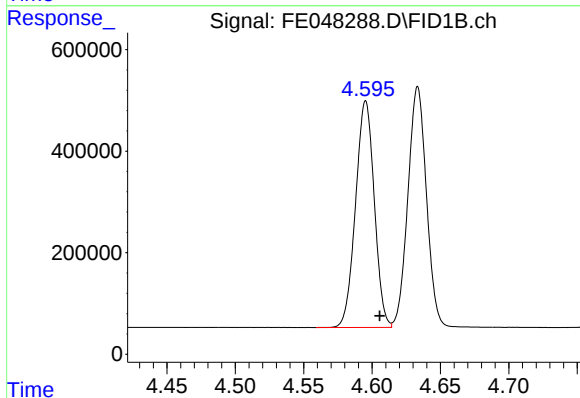




#1 n-Nonane (C9)

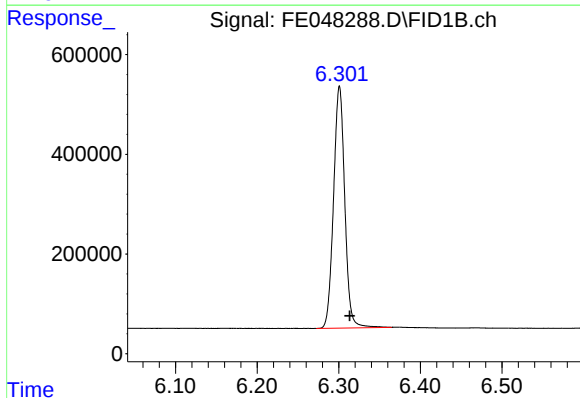
R.T.: 3.346 min
Delta R.T.: -0.007 min
Response: 3792942
Conc: 29.43 ug/ml

Instrument :
FID_E
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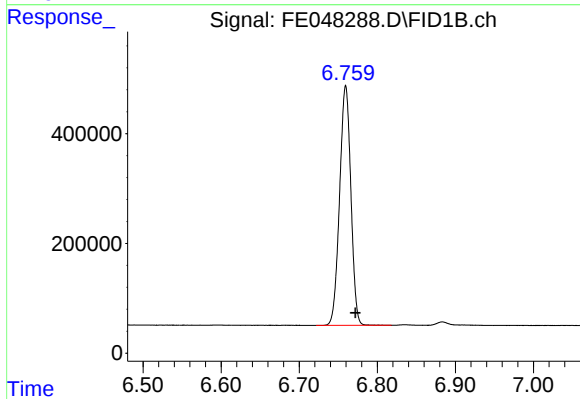
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.010 min
Response: 4249875
Conc: 32.28 ug/ml



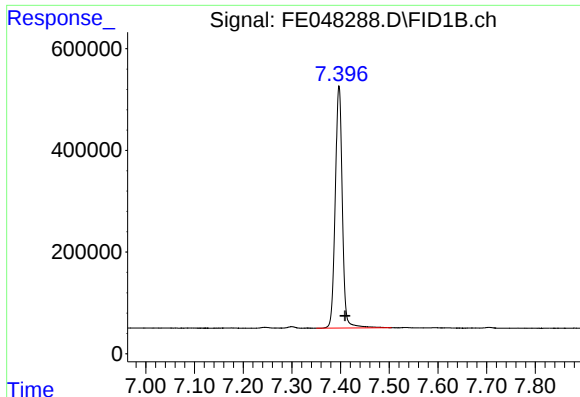
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.013 min
Response: 4635386
Conc: 33.57 ug/ml



#4 n-Dodecane (C12)

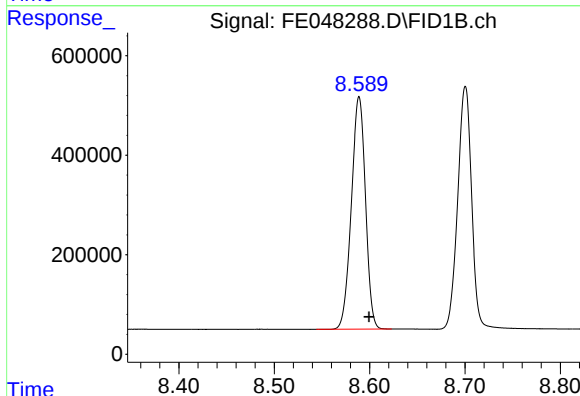
R.T.: 6.760 min
Delta R.T.: -0.012 min
Response: 4372175
Conc: 32.80 ug/ml



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

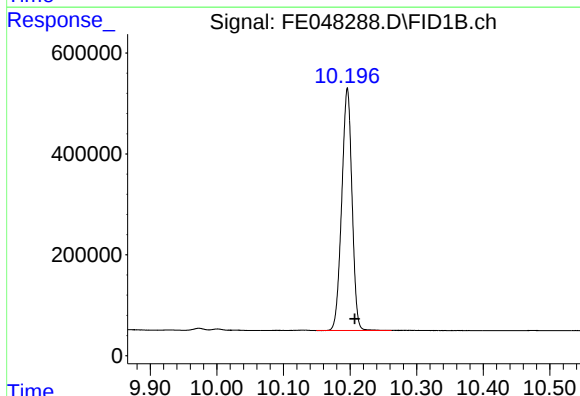
R.T.: 7.397 min
Delta R.T.: -0.012 min
Response: 4816239
Conc: 36.19 ug/ml

Instrument :
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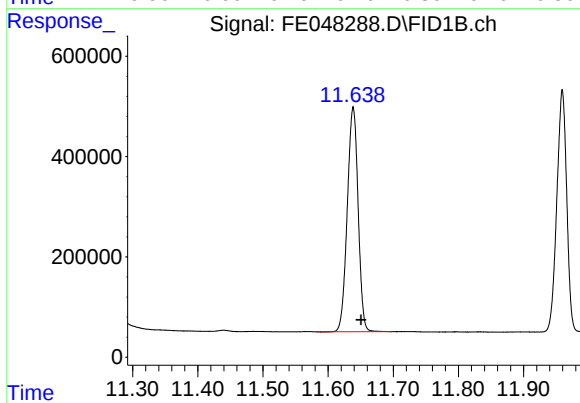
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.010 min
Response: 4809731
Conc: 36.29 ug/ml



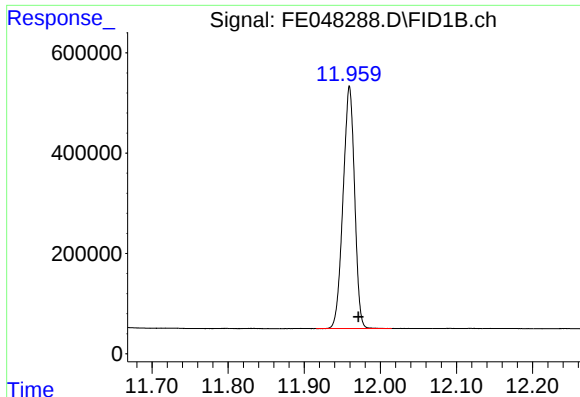
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.011 min
Response: 5147647
Conc: 37.43 ug/ml



#8 n-Octadecane (C18)

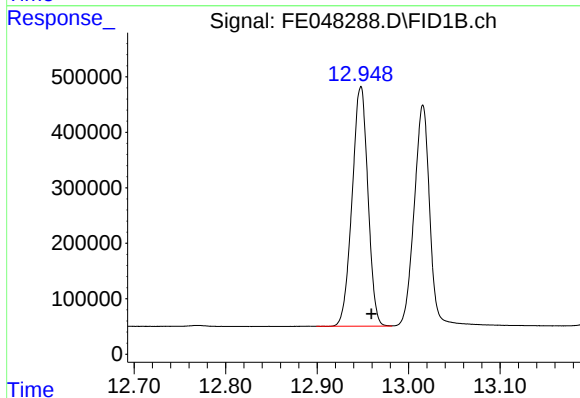
R.T.: 11.639 min
Delta R.T.: -0.012 min
Response: 5178523
Conc: 37.18 ug/ml



#9 ortho-Terphenyl (SURR)

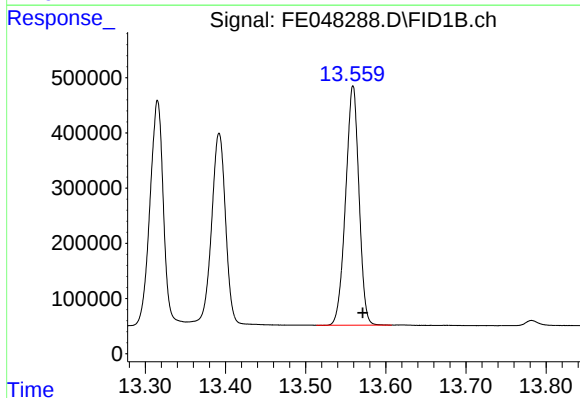
R.T.: 11.959 min
Delta R.T.: -0.012 min
Response: 5095190
Conc: 35.32 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-MH-LLMSD



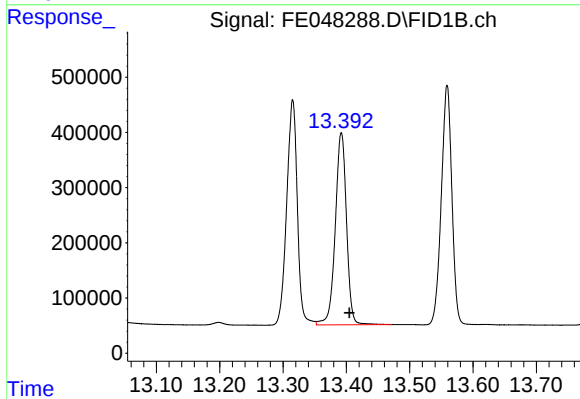
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.012 min
Response: 5184487
Conc: 38.51 ug/ml



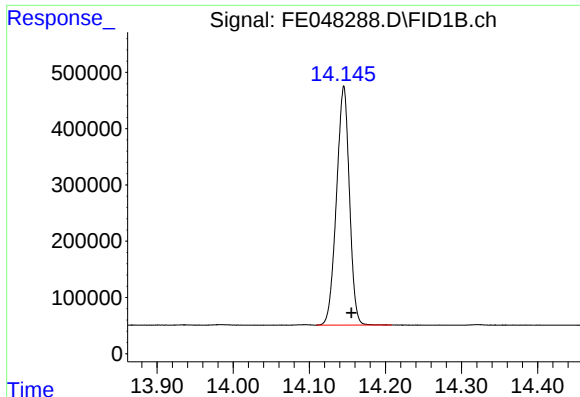
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.012 min
Response: 5016469
Conc: 37.90 ug/ml



#12 1-chlorooctadecane (SURR)

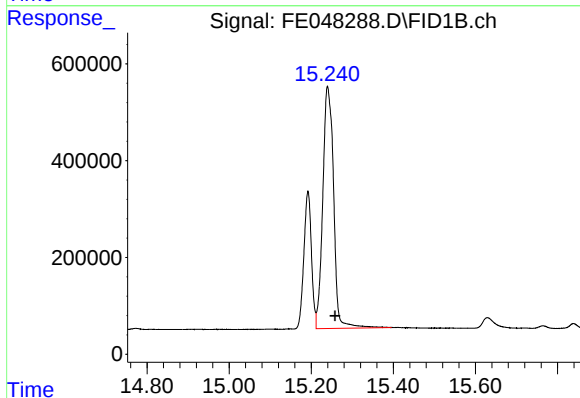
R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 4297489
Conc: 38.46 ug/ml



#13 n-Docosane (C22)

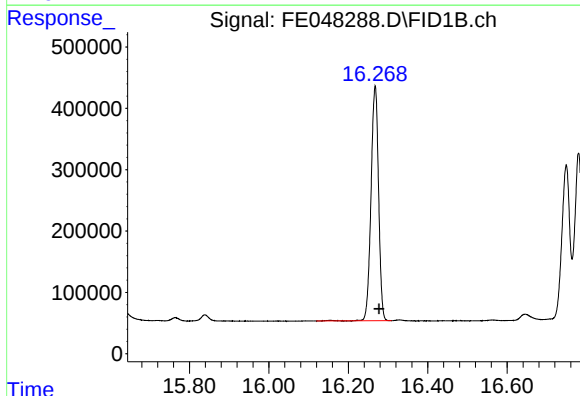
R.T.: 14.145 min
Delta R.T.: -0.010 min
Response: 5005325
Conc: 37.77 ug/ml

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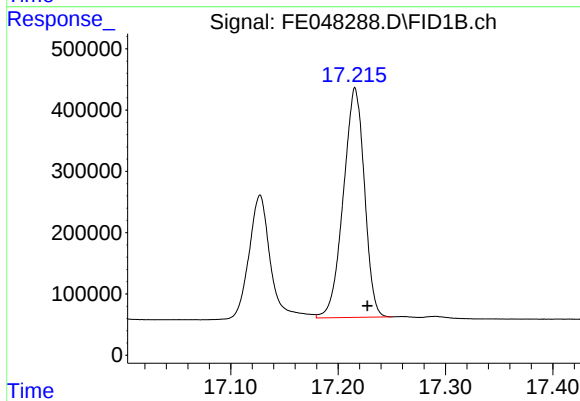
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.018 min
Response: 9140406
Conc: 68.65 ug/ml



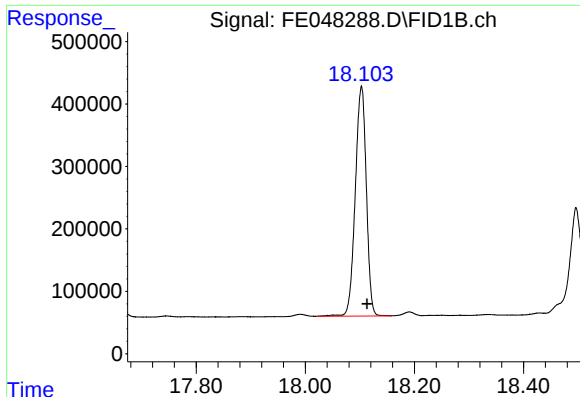
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.010 min
Response: 5037889
Conc: 37.75 ug/ml



#16 n-Octacosane (C28)

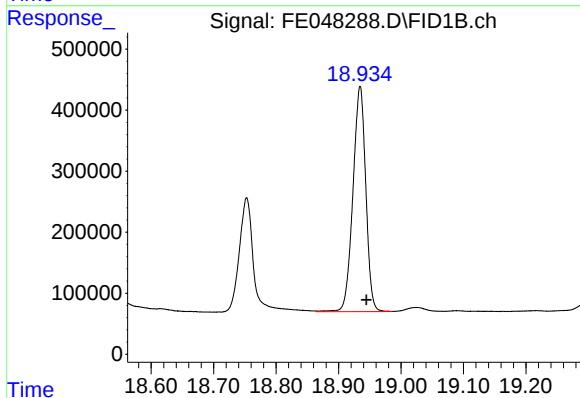
R.T.: 17.216 min
Delta R.T.: -0.011 min
Response: 5106917
Conc: 38.36 ug/ml



#17 n-Tricontane (C30)

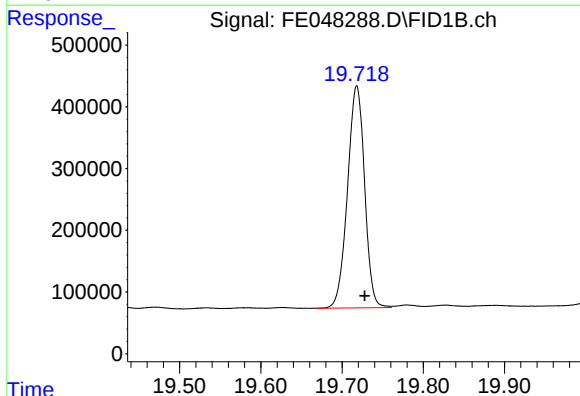
R.T.: 18.103 min
Delta R.T.: -0.010 min
Response: 5186138
Conc: 37.58 ug/ml

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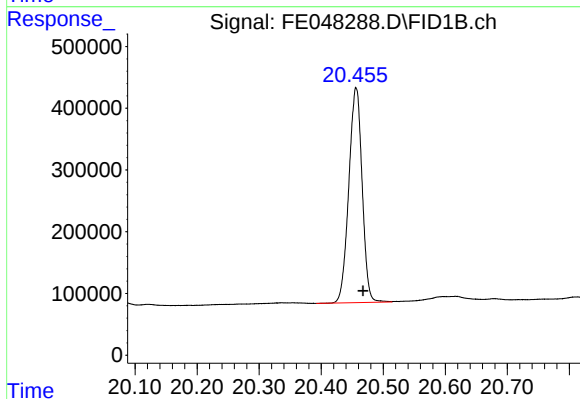
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 5271847
Conc: 38.17 ug/ml



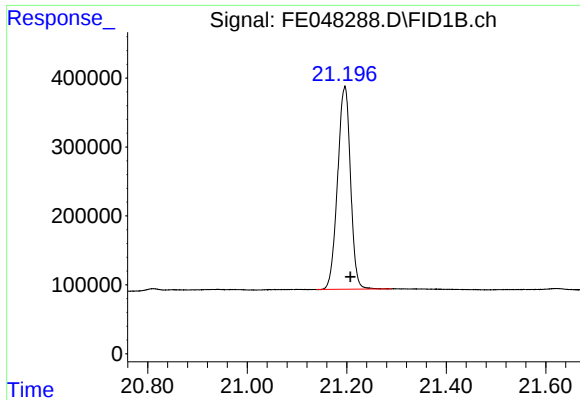
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.010 min
Response: 5255780
Conc: 38.58 ug/ml



#20 n-Hexatriacontane (C36)

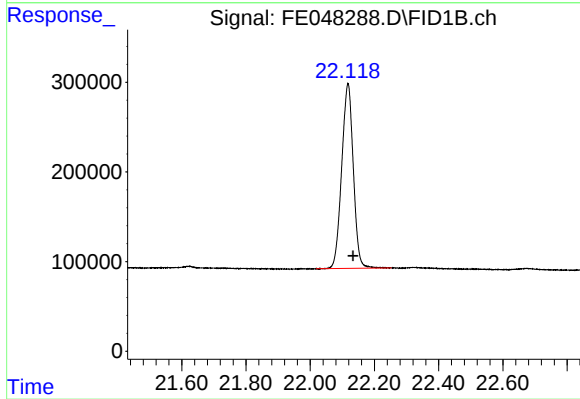
R.T.: 20.456 min
Delta R.T.: -0.011 min
Response: 5197990
Conc: 38.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.012 min
Response: 5306800
Conc: 38.44 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-MH-LLMSD



#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: -0.016 min
Response: 5173807
Conc: 37.14 ug/ml