

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052692.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 10:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 11 05:15:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.917	3282467	19.471 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
12) S 1-chlorooctadecane (S...	13.362	2358396	19.422 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T n-Nonane (C9)	3.251	3112271	20.073 ug/ml
2) T n-Decane (C10)	4.514	3191651	20.317 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3418062	20.155 ug/ml
4) T n-Dodecane (C12)	6.696	3142190	20.181 ug/ml
5) T A~2-methylnaphthalene...	7.332	3261220	20.124 ug/ml
6) T n-Tetradecane (C14)	8.534	3031234	20.033 ug/ml
7) T n-Hexadecane (C16)	10.150	3063411	20.037 ug/ml
8) T n-Octadecane (C18)	11.600	3036554	19.959 ug/ml
10) T n-Eicosane (C20)	12.915	2895696	19.946 ug/ml
11) T n-Heneicosane (C21)	13.530	2837101	19.933 ug/ml
13) T n-Docosane (C22)	14.118	2849126	20.021 ug/ml
14) T n-Tetracosane (C24)	15.225	2895787	20.235 ug/ml
15) T n-Hexacosane (C26)	16.251	2893247	20.347 ug/ml
16) T n-Octacosane (C28)	17.205	2938070	20.662 ug/ml
17) T n-Tricontane (C30)	18.097	3092675	20.939 ug/ml
18) T n-Dotriacontane (C32)	18.933	3064449	21.108 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2635061	19.551 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2042195	17.187 ug/ml
21) T n-Octatriacontane (C38)	21.208	2094292	18.878 ug/ml
22) T n-Tetracontane (C40)	22.134	2083769	19.273 ug/ml

(f)=RT Delta > 1/2 Window

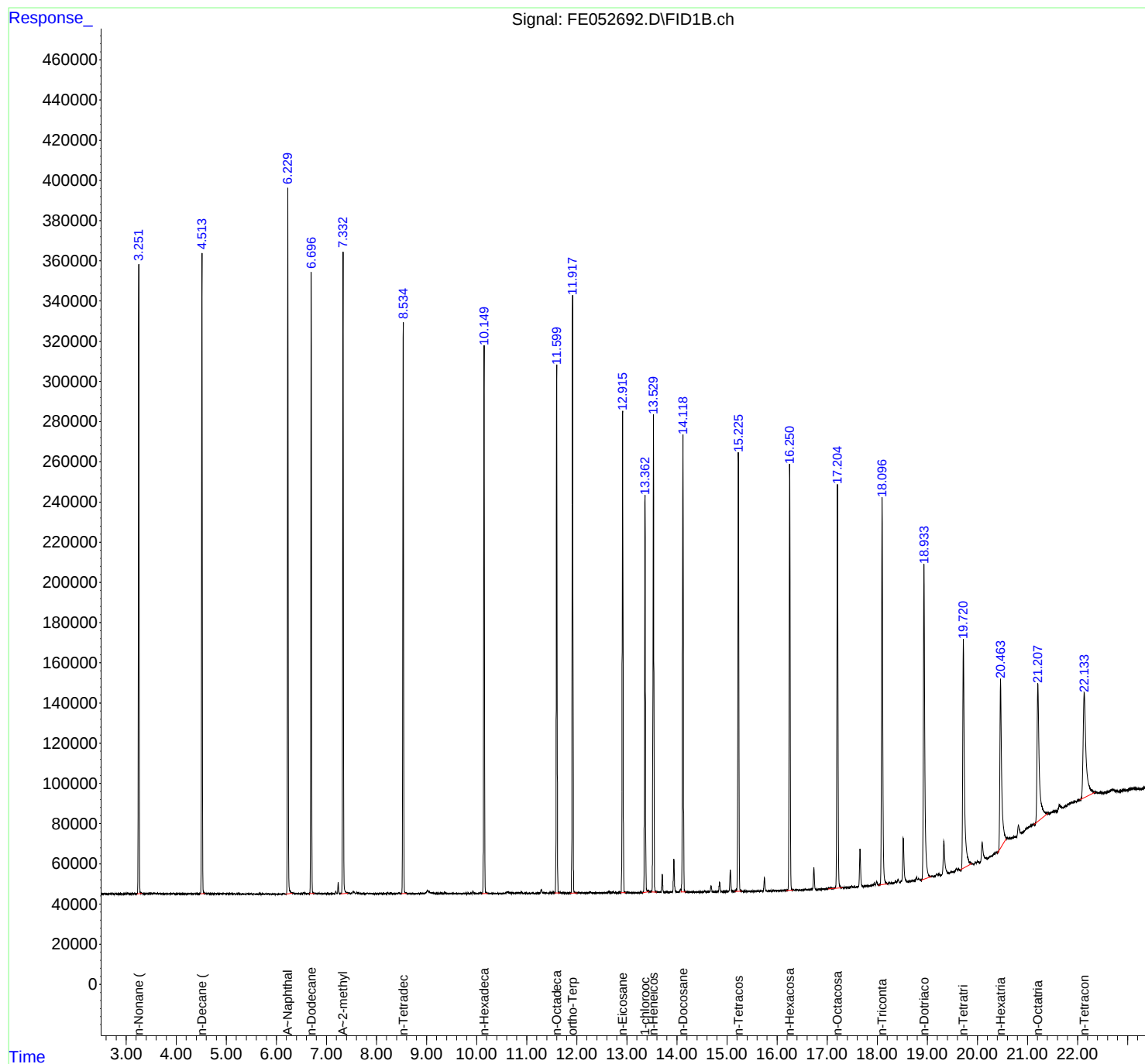
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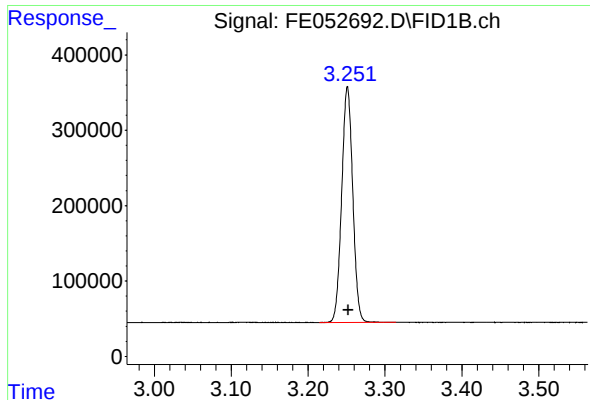
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
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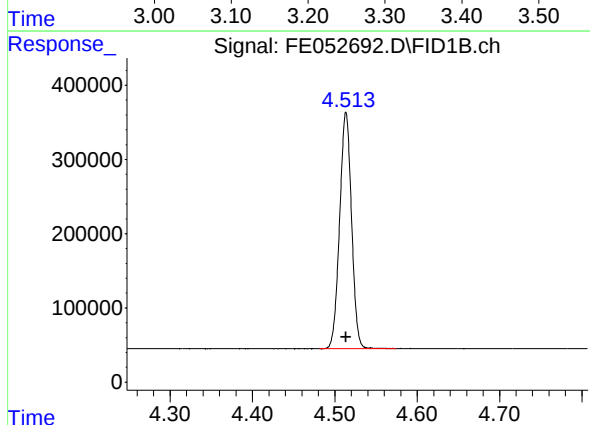




#1 n-Nonane (C9)

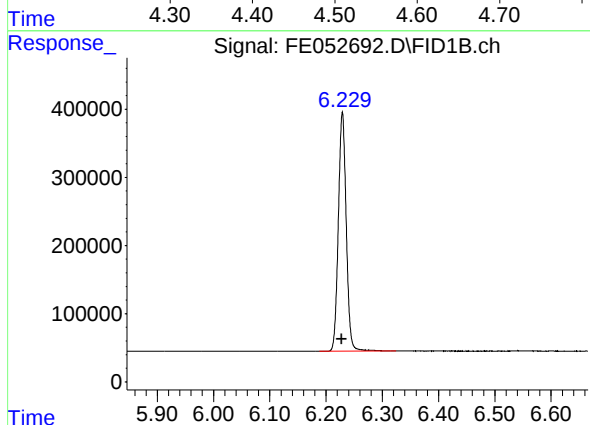
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 3112271
Conc: 20.07 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



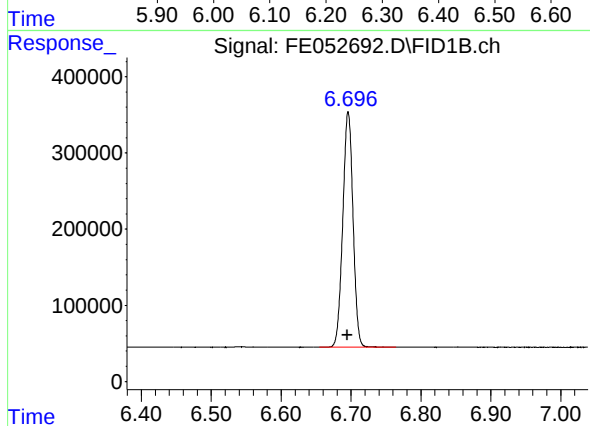
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3191651
Conc: 20.32 ug/ml



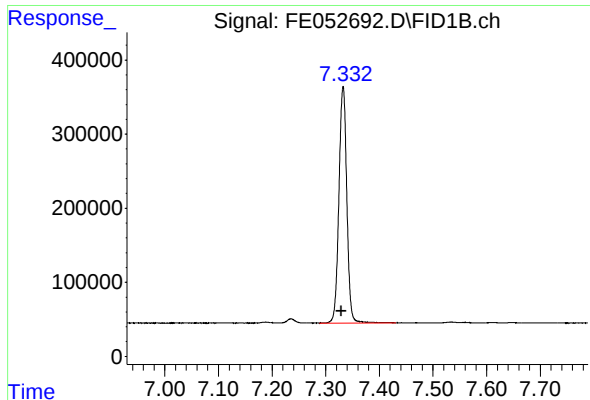
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 3418062
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

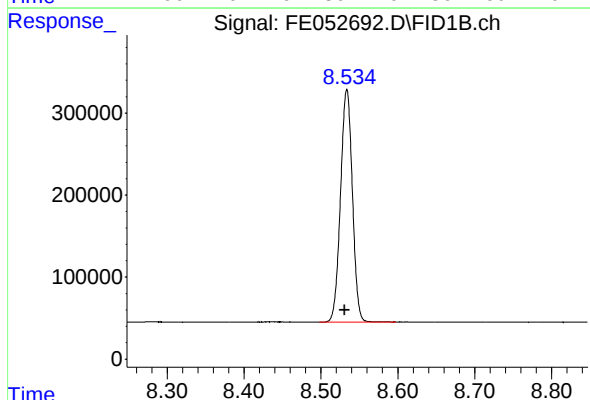
R.T.: 6.696 min
Delta R.T.: 0.001 min
Response: 3142190
Conc: 20.18 ug/ml



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

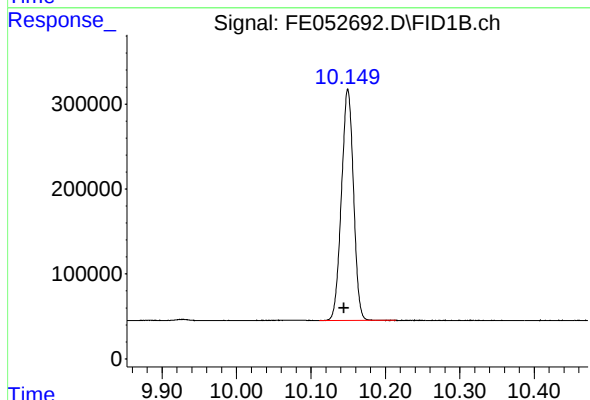
R.T.: 7.332 min
Delta R.T.: 0.003 min
Response: 3261220
Conc: 20.12 ug/ml

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20 PPM ALIPHATIC HC STD



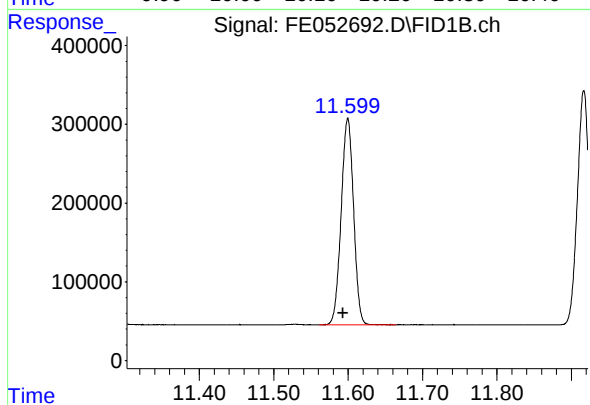
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 3031234
Conc: 20.03 ug/ml



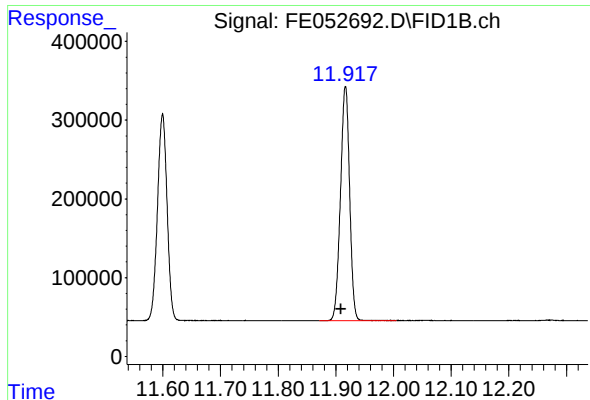
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: 0.005 min
Response: 3063411
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

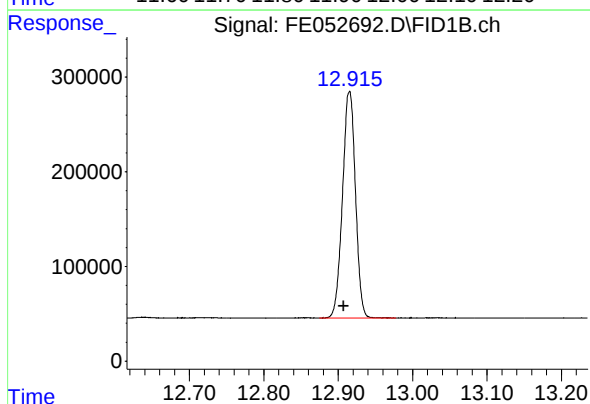
R.T.: 11.600 min
Delta R.T.: 0.006 min
Response: 3036554
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

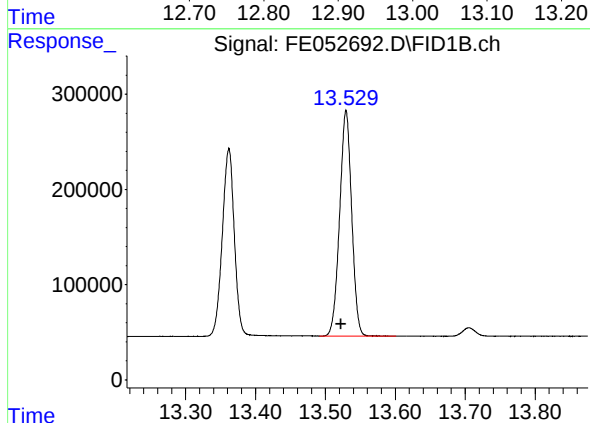
R.T.: 11.917 min
Delta R.T.: 0.008 min
Response: 3282467
Conc: 19.47 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



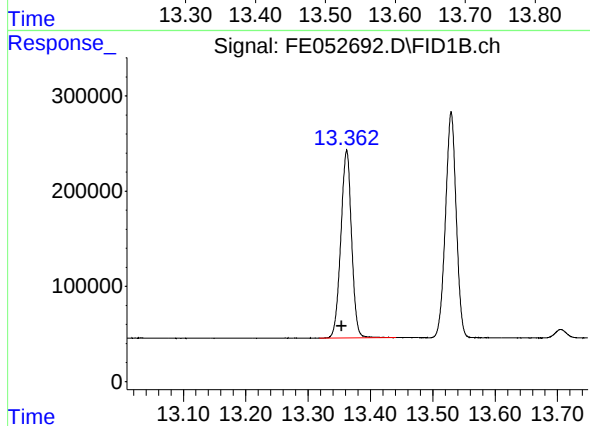
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.007 min
Response: 2895696
Conc: 19.95 ug/ml



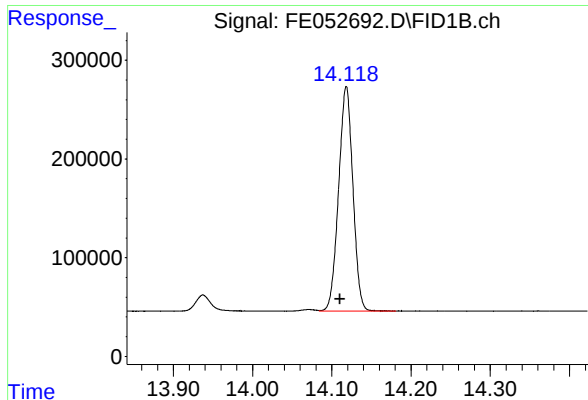
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.007 min
Response: 2837101
Conc: 19.93 ug/ml



#12 1-chlorooctadecane (SURR)

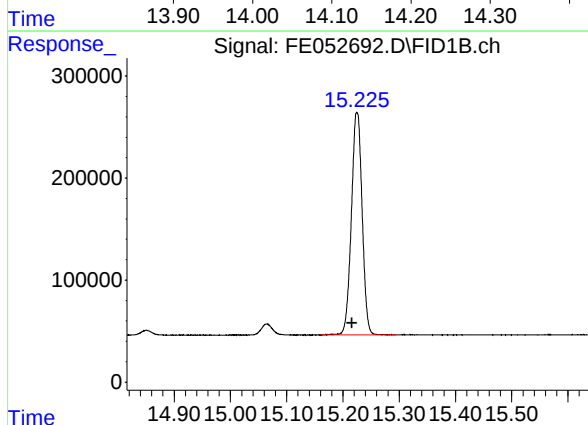
R.T.: 13.362 min
Delta R.T.: 0.008 min
Response: 2358396
Conc: 19.42 ug/ml



#13 n-Docosane (C22)

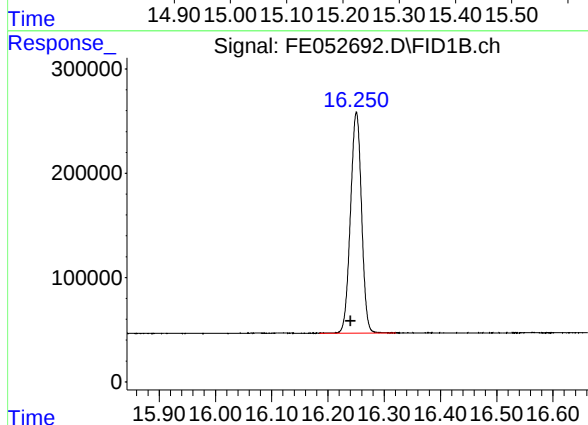
R.T.: 14.118 min
Delta R.T.: 0.008 min
Response: 2849126
Conc: 20.02 ug/ml

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20 PPM ALIPHATIC HC STD



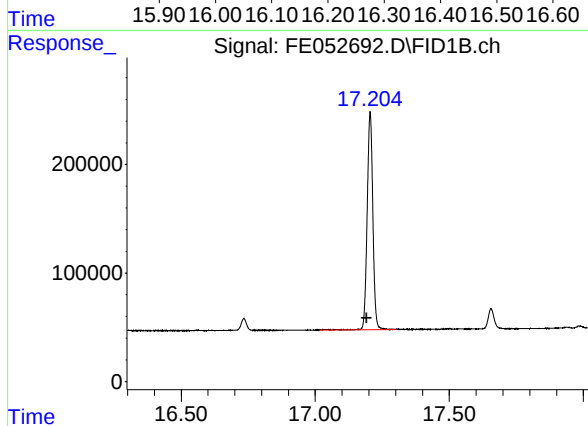
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: 0.009 min
Response: 2895787
Conc: 20.23 ug/ml



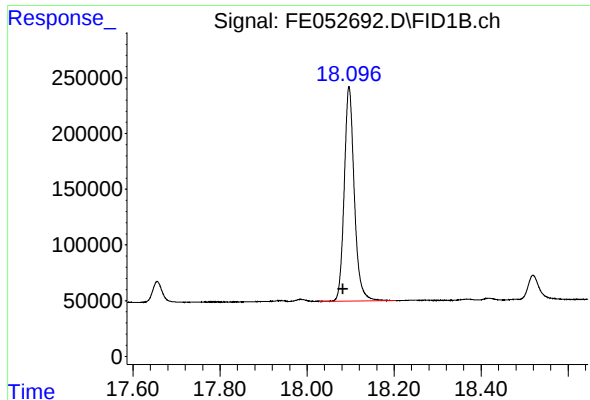
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.010 min
Response: 2893247
Conc: 20.35 ug/ml



#16 n-Octacosane (C28)

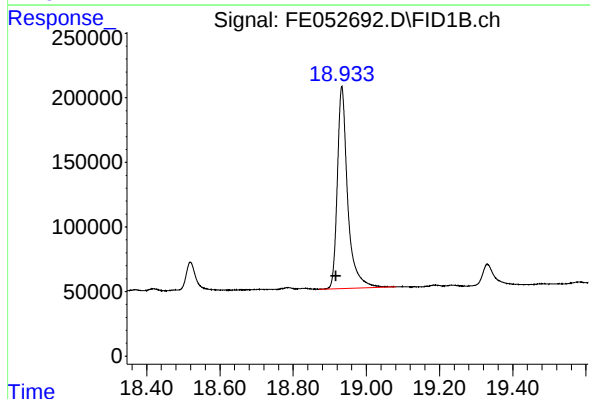
R.T.: 17.205 min
Delta R.T.: 0.013 min
Response: 2938070
Conc: 20.66 ug/ml



#17 n-Tricontane (C30)

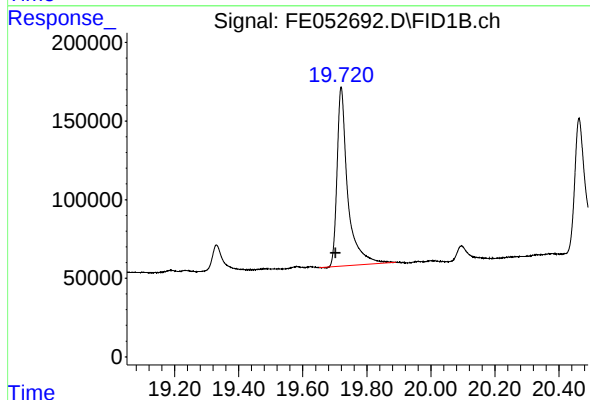
R.T.: 18.097 min
Delta R.T.: 0.014 min
Response: 3092675
Conc: 20.94 ug/ml

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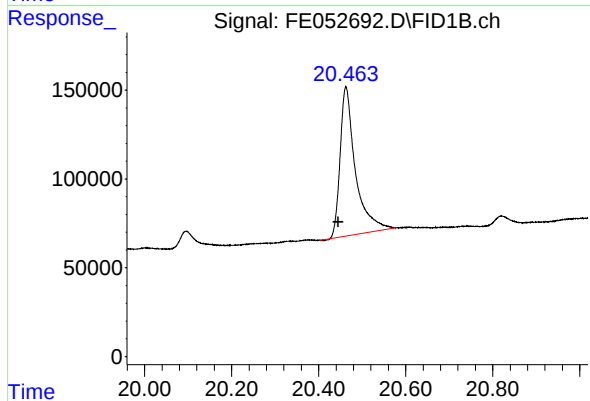
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.016 min
Response: 3064449
Conc: 21.11 ug/ml



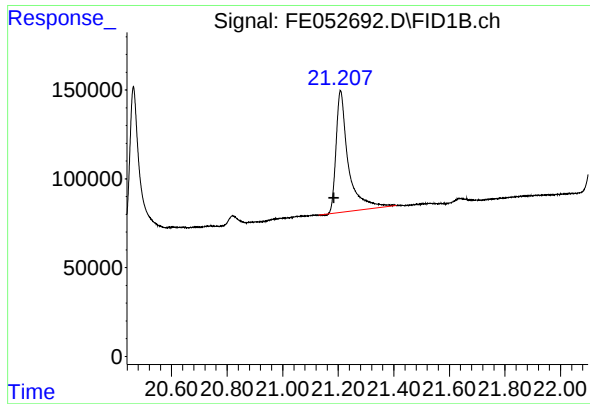
#19 n-Tetatriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.018 min
Response: 2635061
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

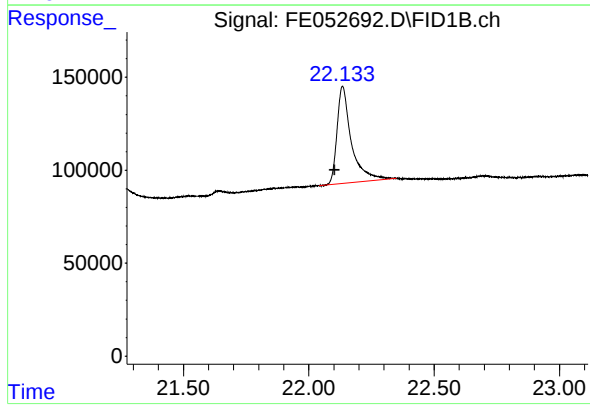
R.T.: 20.463 min
Delta R.T.: 0.018 min
Response: 2042195
Conc: 17.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.023 min
Response: 2094292
Conc: 18.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.134 min
Delta R.T.: 0.030 min
Response: 2083769
Conc: 19.27 ug/ml