

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092223AL\
 Data File : FE044412.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2023 19:58
 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: Sep 23 02:14:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.922	3738999	19.736 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	13.360	2761971	19.993 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T n-Nonane (C9)	3.311	3221677	19.749 ug/ml
2) T n-Decane (C10)	4.562	3249843	19.552 ug/ml
3) T A~Naphthalene (C11.7)	6.262	3537101	19.753 ug/ml
4) T n-Dodecane (C12)	6.726	3285738	19.538 ug/ml
5) T A~2-methylnaphthalene...	7.358	3429926	20.007 ug/ml
6) T n-Tetradecane (C14)	8.552	3248080	19.368 ug/ml
7) T n-Hexadecane (C16)	10.161	3279508	18.975 ug/ml
8) T n-Octadecane (C18)	11.605	3248254	18.661 ug/ml
10) T n-Eicosane (C20)	12.915	3103304	18.761 ug/ml
11) T n-Heneicosane (C21)	13.528	3031662	18.742 ug/ml
13) T n-Docosane (C22)	14.114	2973801	18.614 ug/ml
14) T n-Tetracosane (C24)	15.218	2884341	18.445 ug/ml
15) T n-Hexacosane (C26)	16.240	2797311	18.555 ug/ml
16) T n-Octacosane (C28)	17.192	2727154	18.898 ug/ml
17) T n-Tricontane (C30)	18.079	2756582	18.974 ug/ml
18) T n-Dotriacontane (C32)	18.913	2766824	19.424 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2738555	19.570 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2784098	20.308 ug/ml
21) T n-Octatriacontane (C38)	21.182	2858371	20.591 ug/ml
22) T n-Tetracontane (C40)	22.099	2969430	21.477 ug/ml

(f)=RT Delta > 1/2 Window

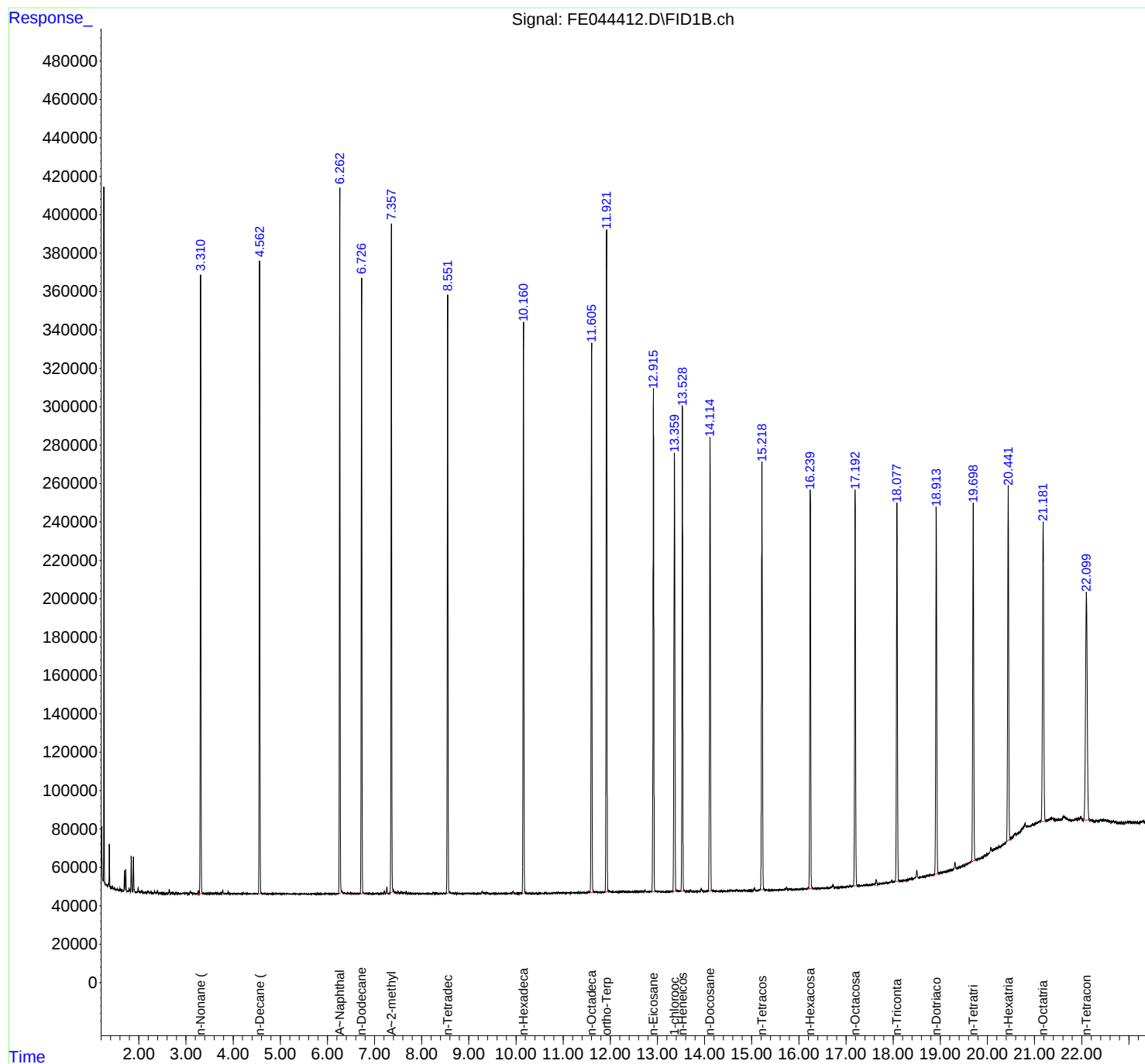
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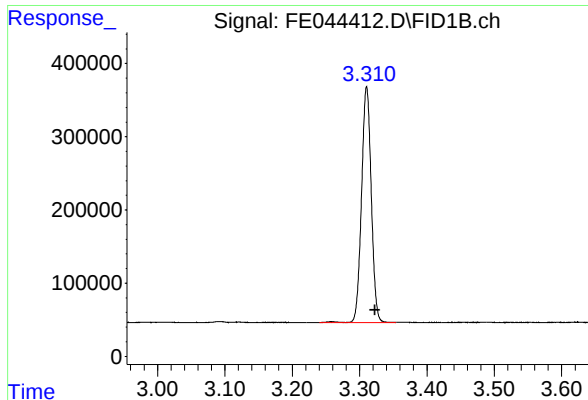
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092223AL\
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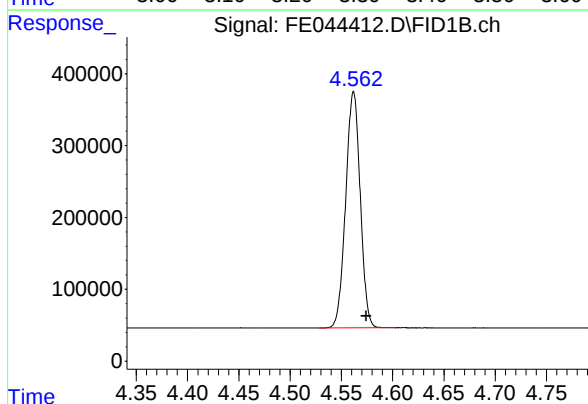




#1 n-Nonane (C9)

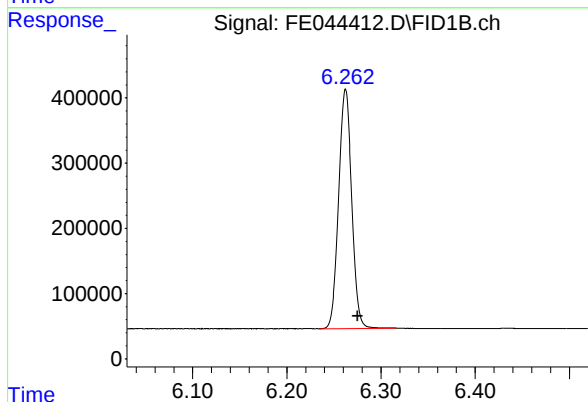
R.T.: 3.311 min
Delta R.T.: -0.012 min
Response: 3221677
Conc: 19.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



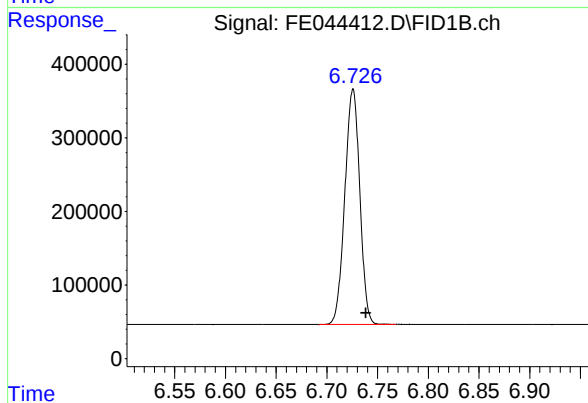
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.012 min
Response: 3249843
Conc: 19.55 ug/ml



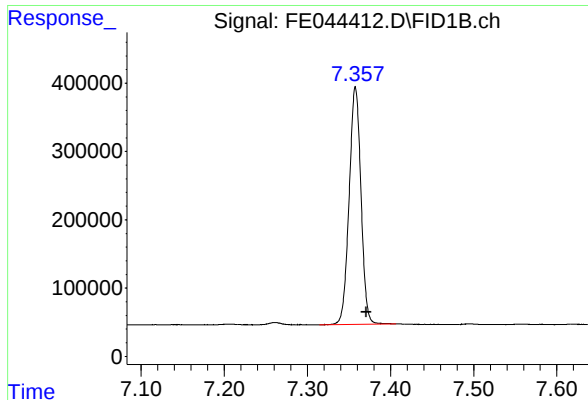
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.013 min
Response: 3537101
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

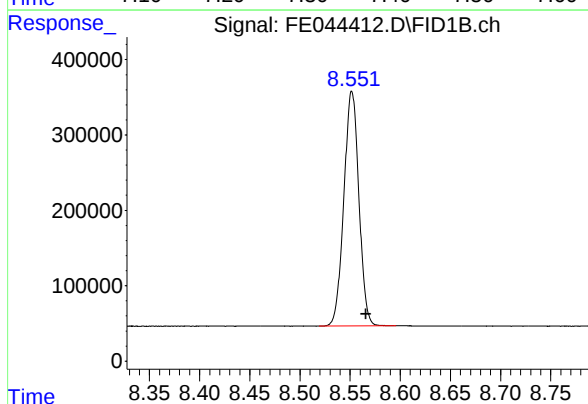
R.T.: 6.726 min
Delta R.T.: -0.013 min
Response: 3285738
Conc: 19.54 ug/ml



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

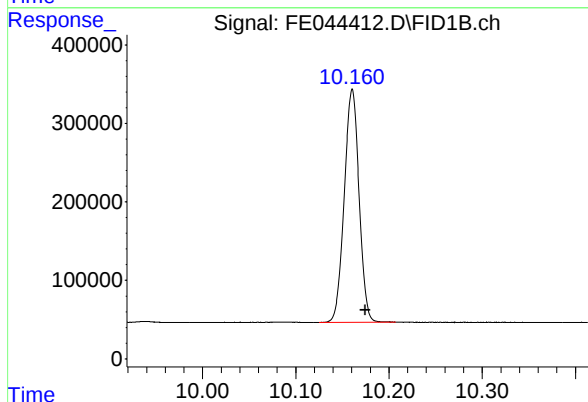
R.T.: 7.358 min
Delta R.T.: -0.013 min
Response: 3429926
Conc: 20.01 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



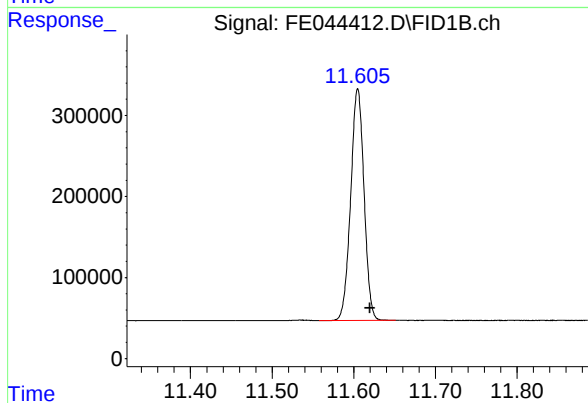
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.014 min
Response: 3248080
Conc: 19.37 ug/ml



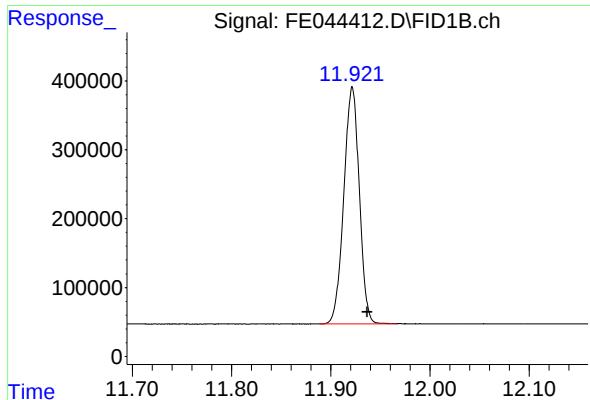
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.014 min
Response: 3279508
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

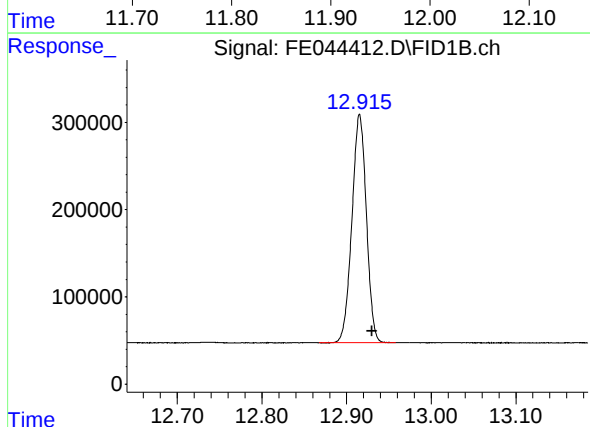
R.T.: 11.605 min
Delta R.T.: -0.015 min
Response: 3248254
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

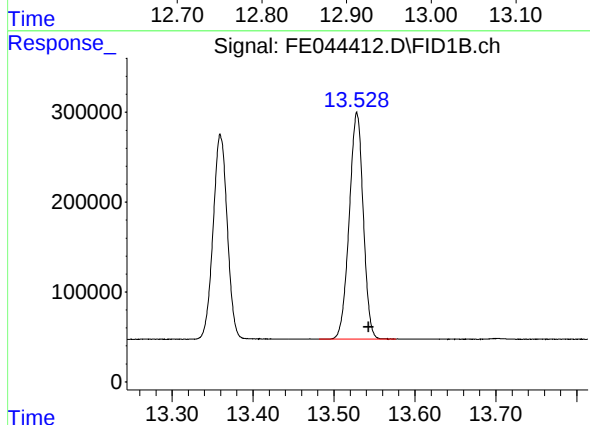
R.T.: 11.922 min
Delta R.T.: -0.015 min
Response: 3738999
Conc: 19.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



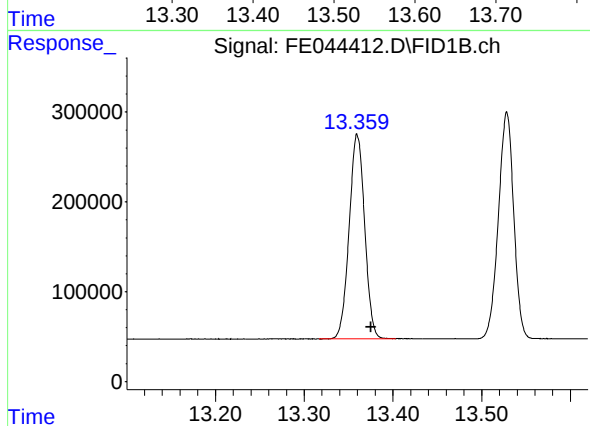
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.015 min
Response: 3103304
Conc: 18.76 ug/ml



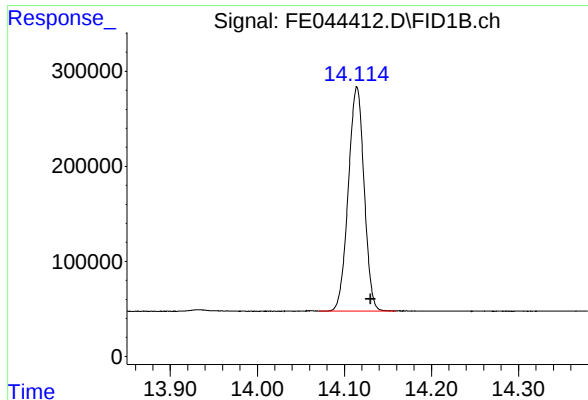
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.014 min
Response: 3031662
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

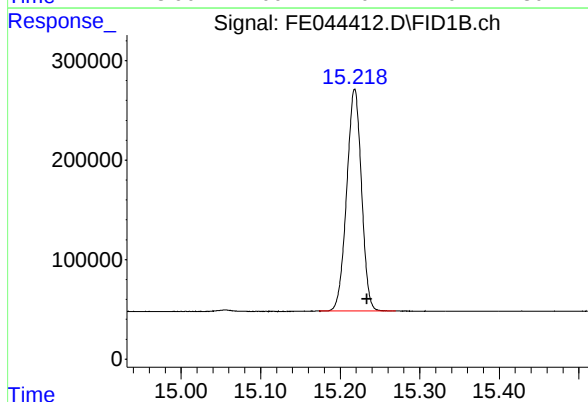
R.T.: 13.360 min
Delta R.T.: -0.015 min
Response: 2761971
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

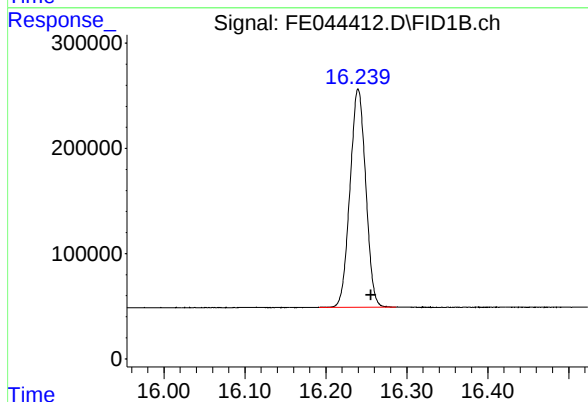
R.T.: 14.114 min
Delta R.T.: -0.016 min
Response: 2973801
Conc: 18.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



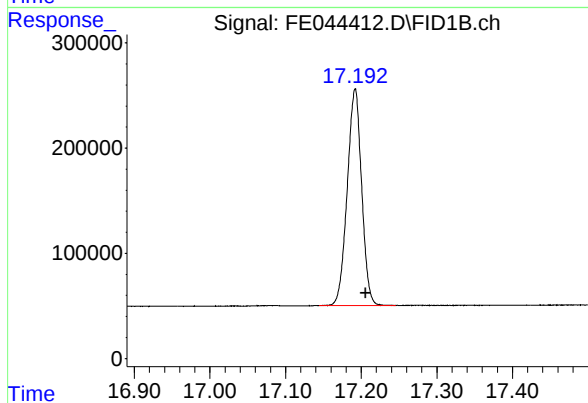
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.016 min
Response: 2884341
Conc: 18.44 ug/ml



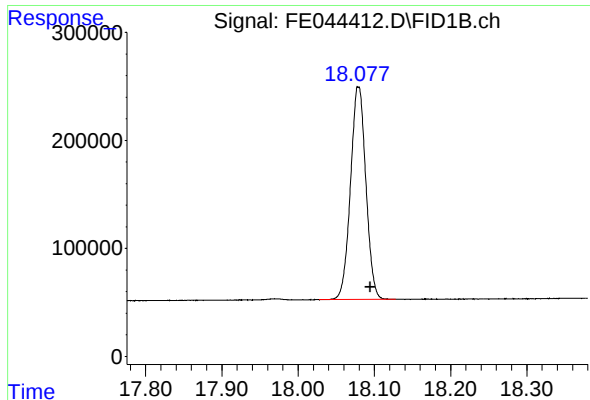
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: -0.016 min
Response: 2797311
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

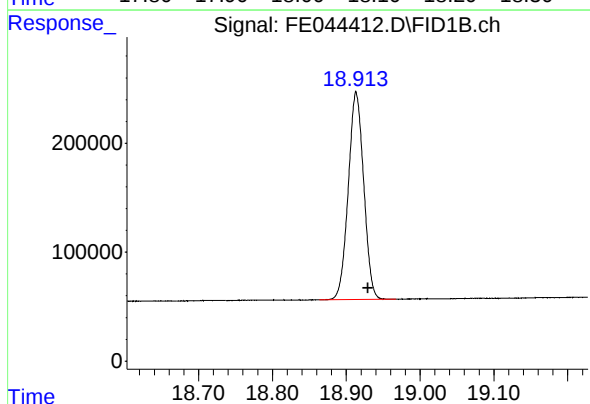
R.T.: 17.192 min
Delta R.T.: -0.014 min
Response: 2727154
Conc: 18.90 ug/ml



#17 n-Tricontane (C30)

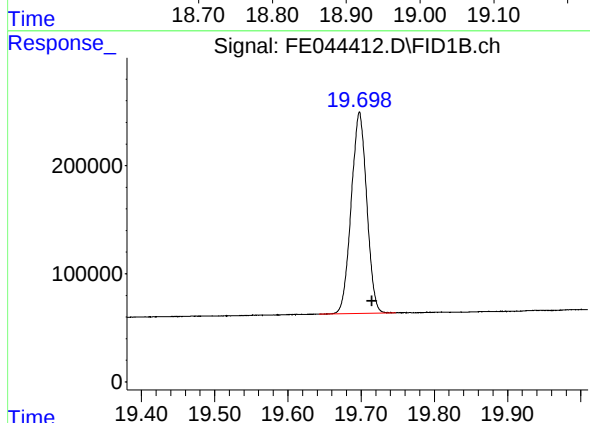
R.T.: 18.079 min
Delta R.T.: -0.016 min
Response: 2756582
Conc: 18.97 ug/ml

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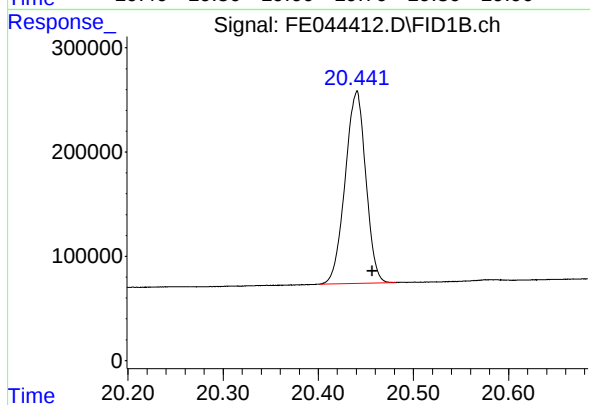
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.016 min
Response: 2766824
Conc: 19.42 ug/ml



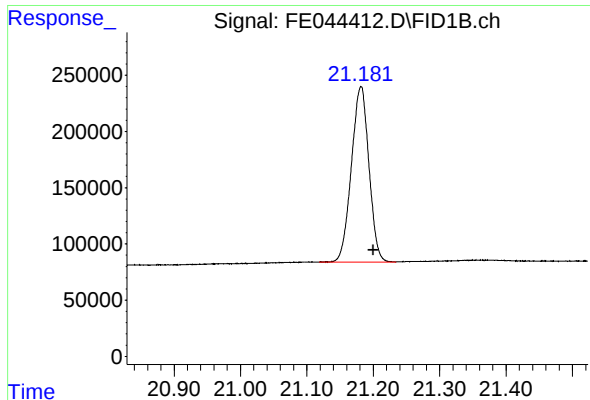
#19 n-Tetatriacontane (C34)

R.T.: 19.698 min
Delta R.T.: -0.017 min
Response: 2738555
Conc: 19.57 ug/ml



#20 n-Hexatriacontane (C36)

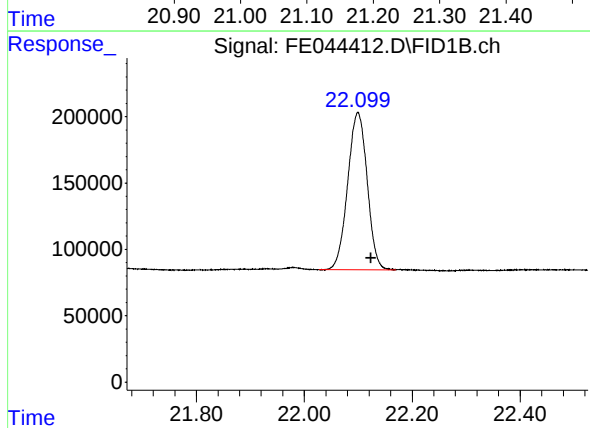
R.T.: 20.441 min
Delta R.T.: -0.016 min
Response: 2784098
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.018 min
Response: 2858371
Conc: 20.59 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.024 min
Response: 2969430
Conc: 21.48 ug/ml