

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031725AL\
 Data File : FE052819.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2025 11:51
 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: Mar 18 01:16:02 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)	11.909	3132418	18.580 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
12) S 1-chlorooctadecane (S...	13.355	2216446	18.253 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
Target Compounds			
1) T n-Nonane (C9)	3.248	2859948	18.445 ug/ml
2) T n-Decane (C10)	4.509	2979768	18.968 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3170387	18.694 ug/ml
4) T n-Dodecane (C12)	6.691	2975554	19.111 ug/ml
5) T A~2-methylnaphthalene...	7.327	3036872	18.739 ug/ml
6) T n-Tetradecane (C14)	8.528	2905337	19.201 ug/ml
7) T n-Hexadecane (C16)	10.143	2938637	19.221 ug/ml
8) T n-Octadecane (C18)	11.593	2899636	19.059 ug/ml
10) T n-Eicosane (C20)	12.908	2746867	18.921 ug/ml
11) T n-Heneicosane (C21)	13.522	2673799	18.786 ug/ml
13) T n-Docosane (C22)	14.112	2686146	18.875 ug/ml
14) T n-Tetracosane (C24)	15.219	2743215	19.169 ug/ml
15) T n-Hexacosane (C26)	16.243	2749180	19.334 ug/ml
16) T n-Octacosane (C28)	17.197	2830449	19.905 ug/ml
17) T n-Tricontane (C30)	18.088	3015277	20.415 ug/ml
18) T n-Dotriacontane (C32)	18.924	3003677	20.689 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2691498	19.970 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2181561	18.360 ug/ml
21) T n-Octatriacontane (C38)	21.199	2068931	18.650 ug/ml
22) T n-Tetracontane (C40)	22.124	1891794	17.498 ug/ml

(f)=RT Delta > 1/2 Window

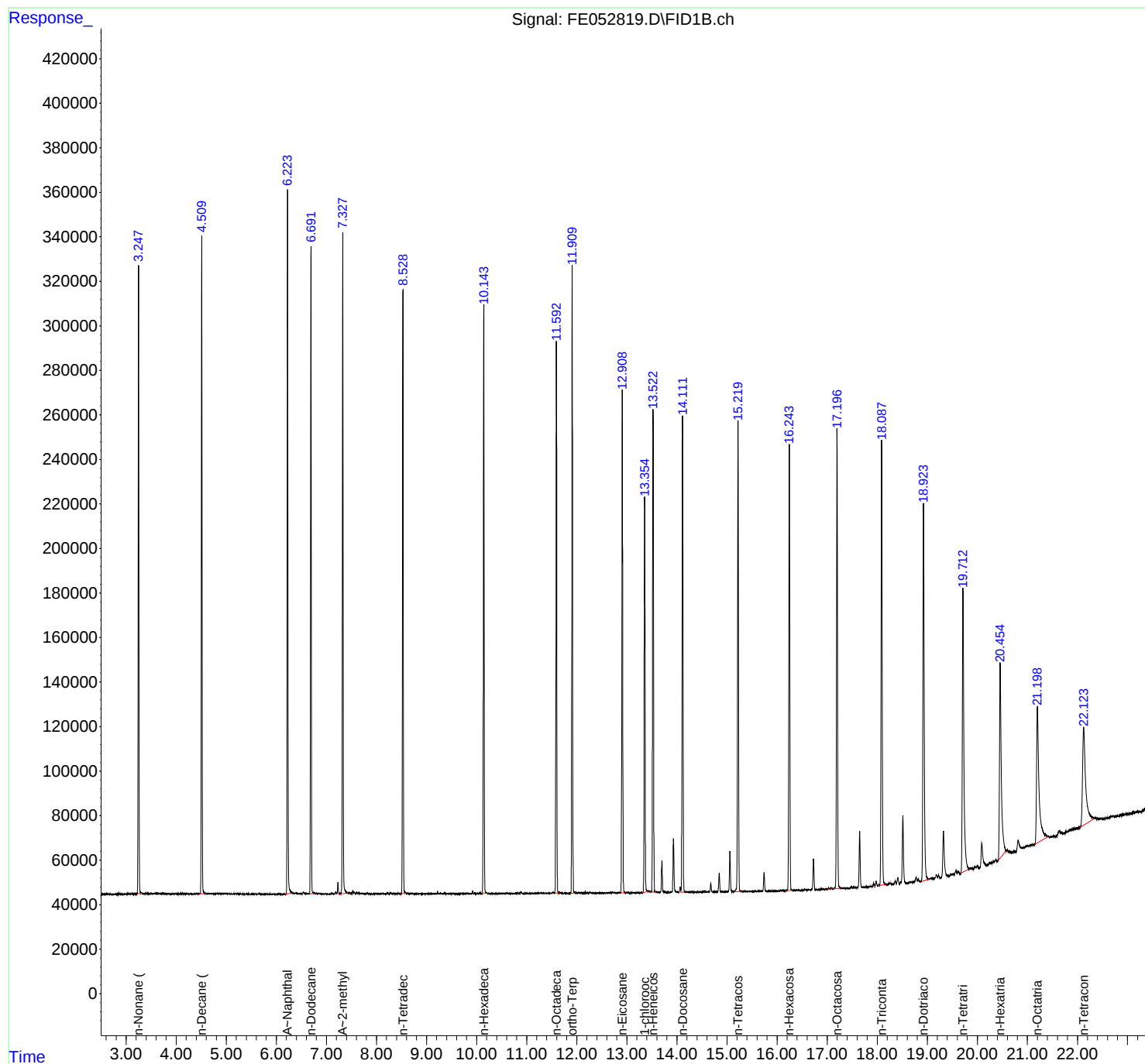
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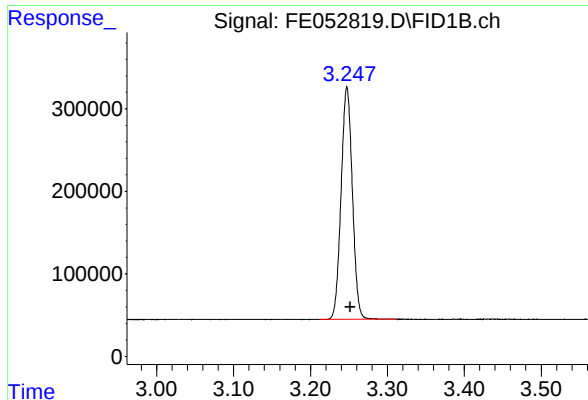
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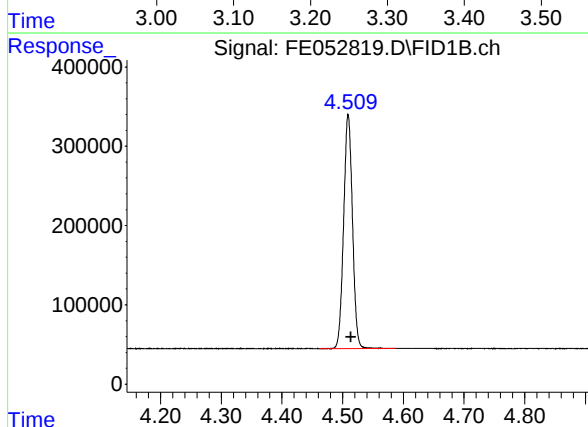




#1 n-Nonane (C9)

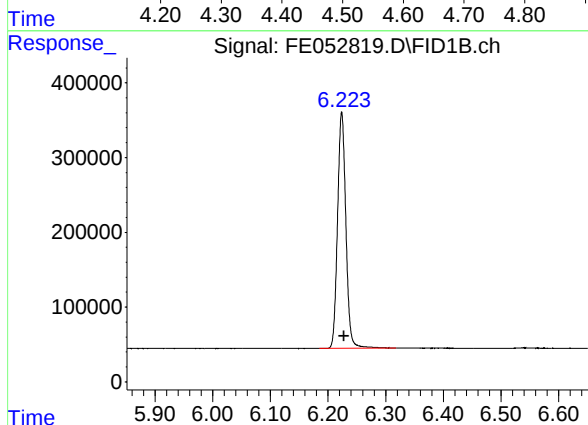
R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 2859948
Conc: 18.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



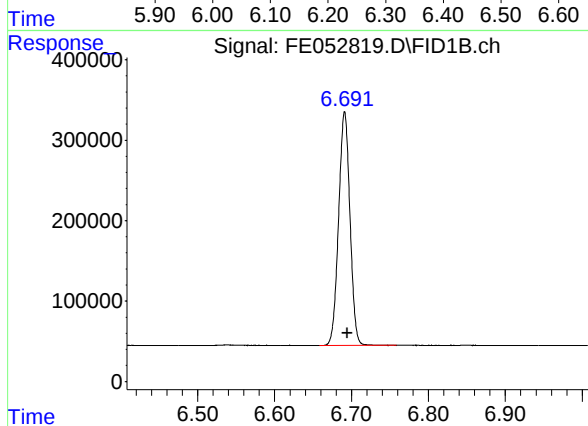
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 2979768
Conc: 18.97 ug/ml



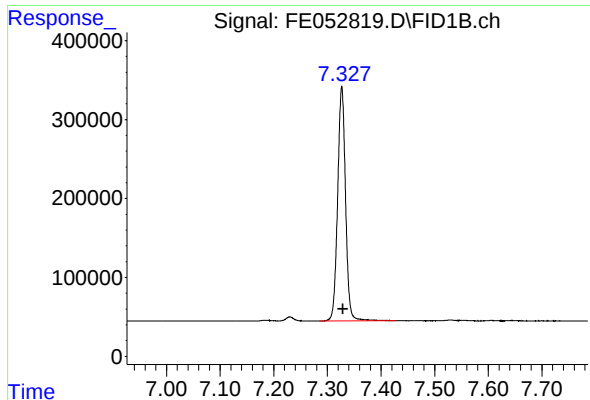
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 3170387
Conc: 18.69 ug/ml



#4 n-Dodecane (C12)

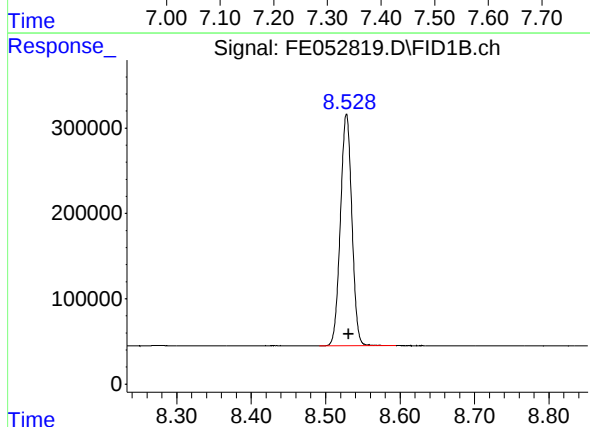
R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 2975554
Conc: 19.11 ug/ml



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

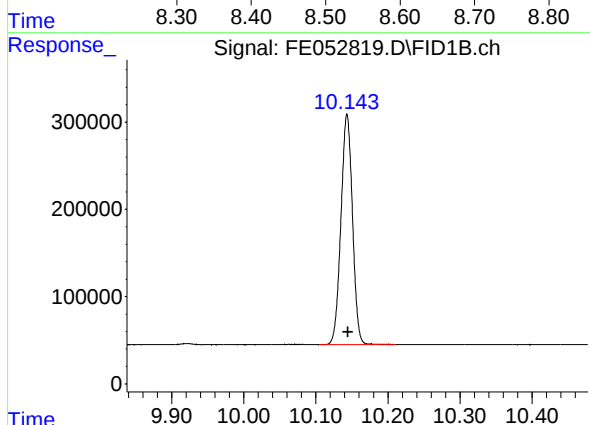
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 3036872
Conc: 18.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



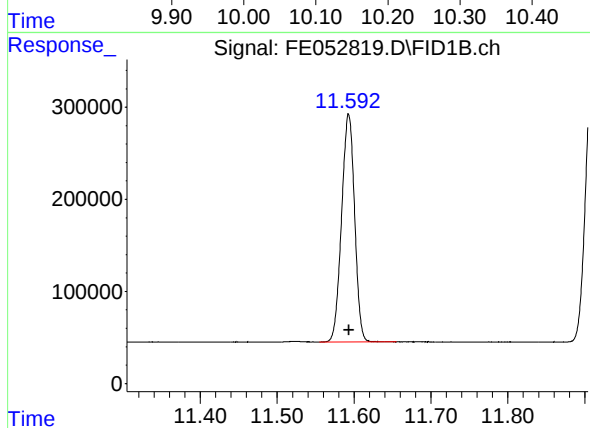
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2905337
Conc: 19.20 ug/ml



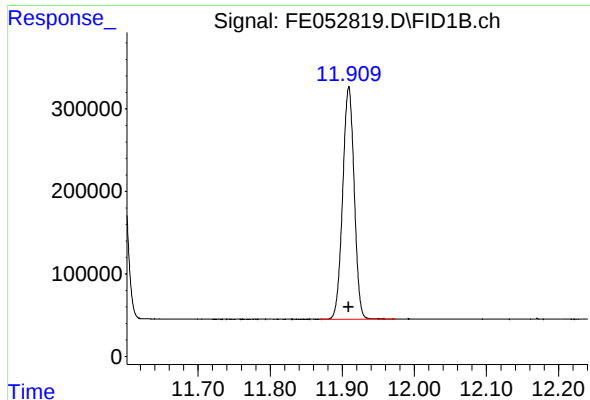
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.001 min
Response: 2938637
Conc: 19.22 ug/ml



#8 n-Octadecane (C18)

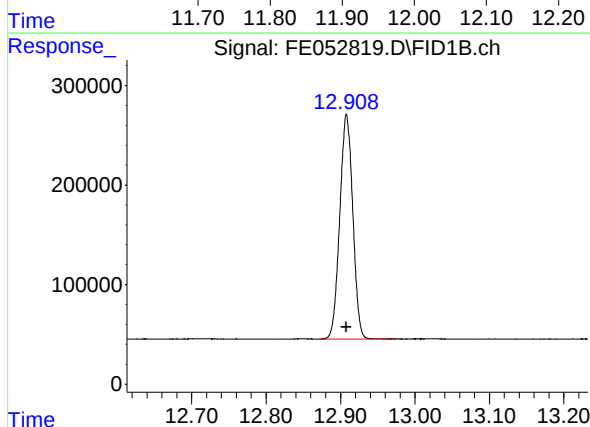
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 2899636
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

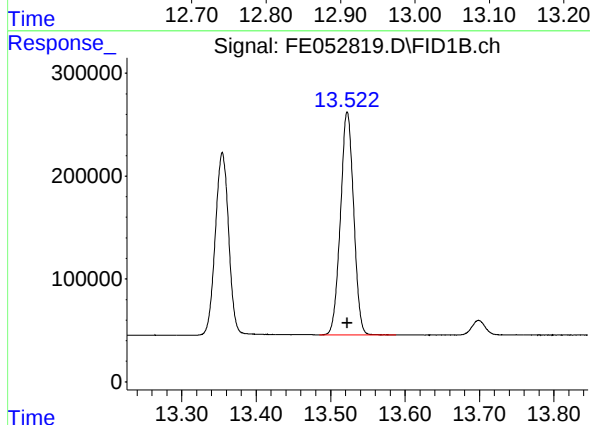
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 3132418
Conc: 18.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



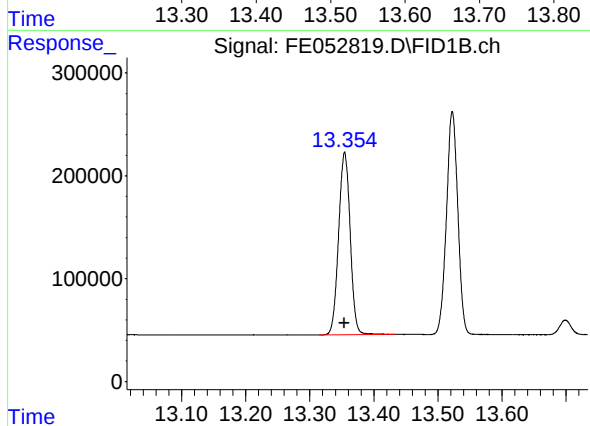
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 2746867
Conc: 18.92 ug/ml



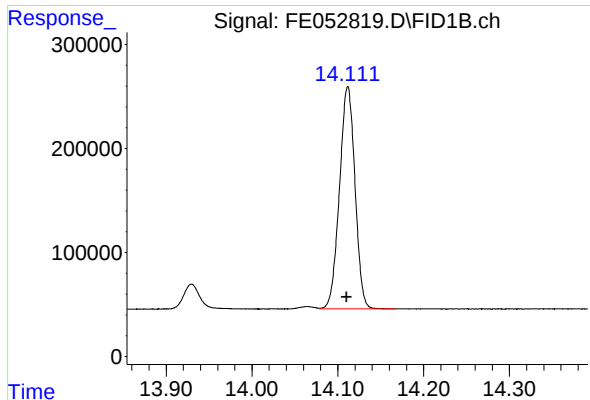
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2673799
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

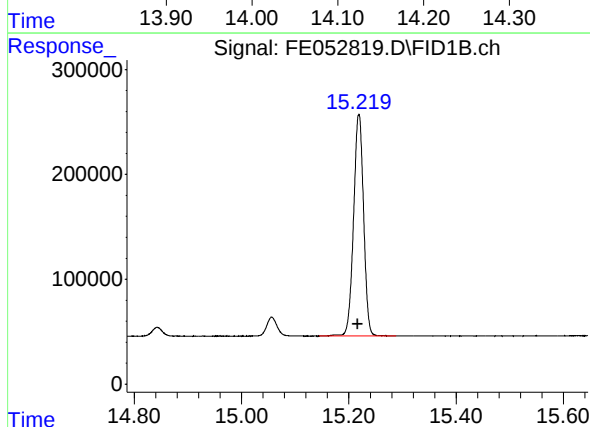
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 2216446
Conc: 18.25 ug/ml



#13 n-Docosane (C22)

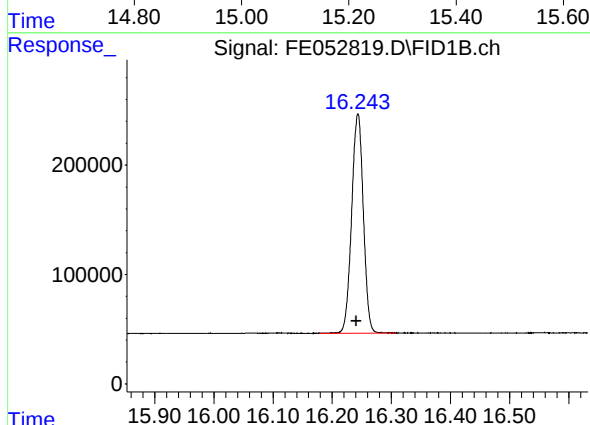
R.T.: 14.112 min
Delta R.T.: 0.001 min
Response: 2686146
Conc: 18.88 ug/ml

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20 PPM ALIPHATIC HC STD



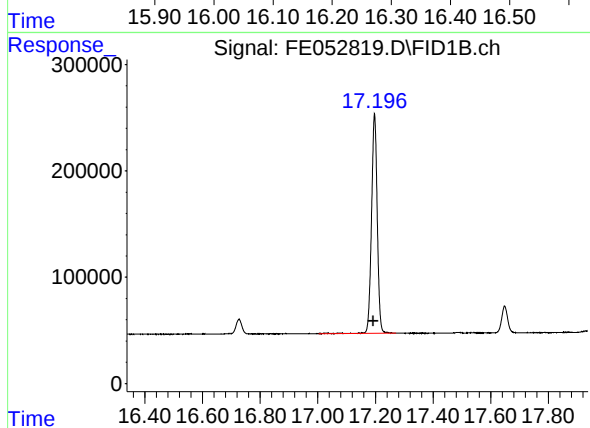
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.003 min
Response: 2743215
Conc: 19.17 ug/ml



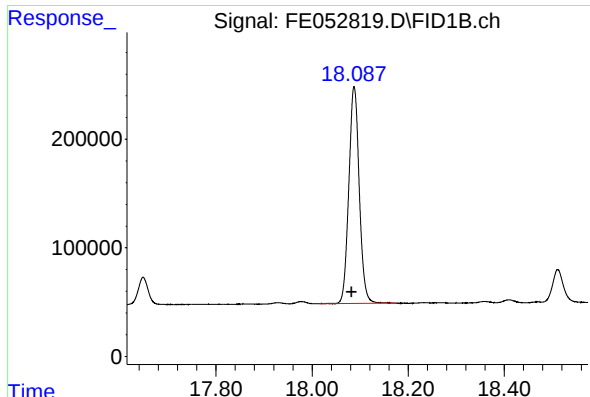
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.003 min
Response: 2749180
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

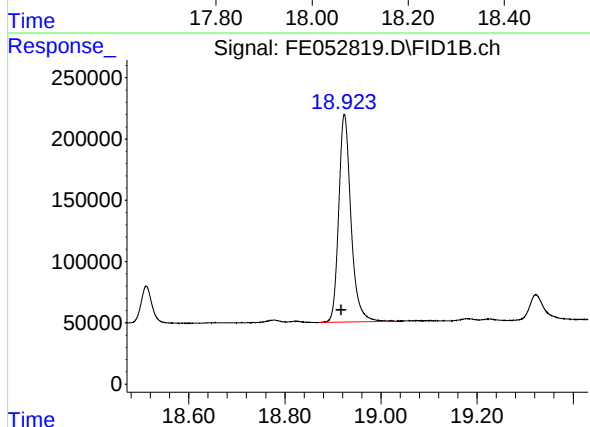
R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 2830449
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

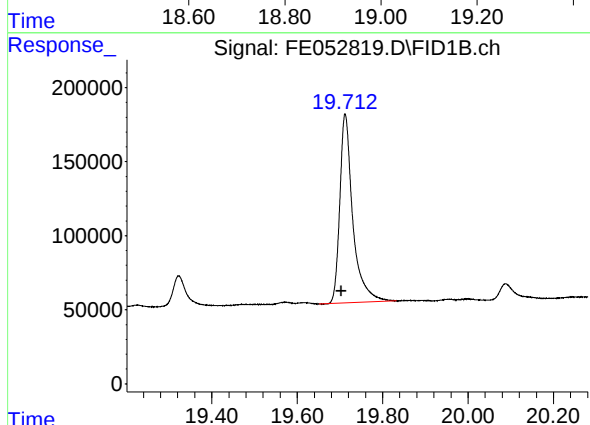
R.T.: 18.088 min
Delta R.T.: 0.005 min
Response: 3015277
Conc: 20.41 ug/ml

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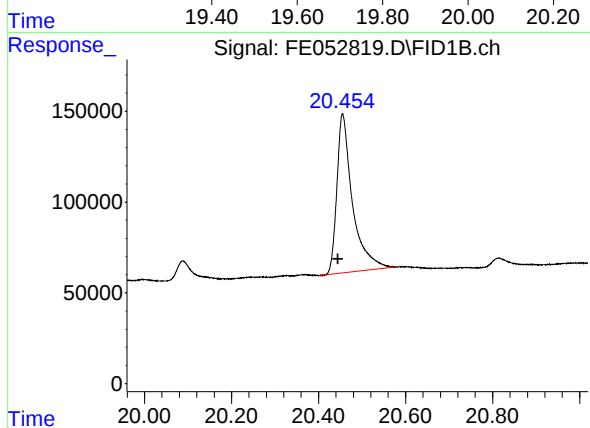
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.007 min
Response: 3003677
Conc: 20.69 ug/ml



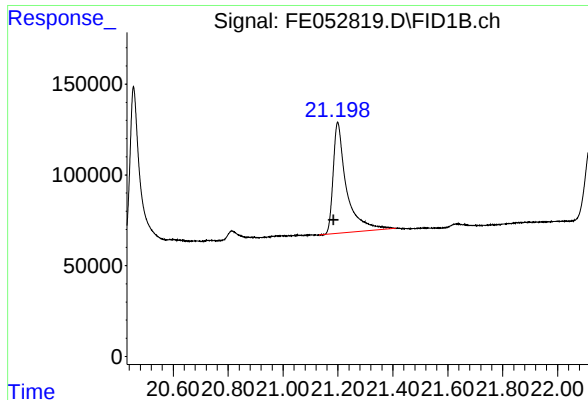
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: 0.010 min
Response: 2691498
Conc: 19.97 ug/ml



#20 n-Hexatriacontane (C36)

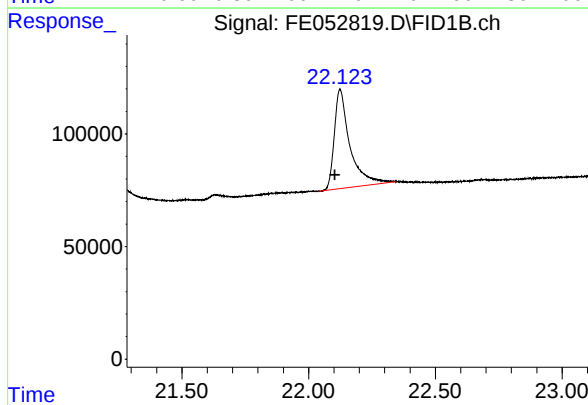
R.T.: 20.455 min
Delta R.T.: 0.011 min
Response: 2181561
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.014 min
Response: 2068931
Conc: 18.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.019 min
Response: 1891794
Conc: 17.50 ug/ml