

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032425AL\
 Data File : FE052939.D
 Signal(s) : FID1B.ch
 Acq On : 24 Mar 2025 12:43
 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 25 01:42:00 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	3317283	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.354	2375190	19.561 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T n-Nonane (C9)	3.246	3161172	20.388 ug/ml
2) T n-Decane (C10)	4.508	3209893	20.433 ug/ml
3) T A~Naphthalene (C11.7)	6.223	3447400	20.328 ug/ml
4) T n-Dodecane (C12)	6.690	3191647	20.499 ug/ml
5) T A~2-methylnaphthalene...	7.326	3278478	20.230 ug/ml
6) T n-Tetradecane (C14)	8.528	3109352	20.550 ug/ml
7) T n-Hexadecane (C16)	10.143	3168633	20.725 ug/ml
8) T n-Octadecane (C18)	11.593	3131388	20.582 ug/ml
10) T n-Eicosane (C20)	12.908	2949811	20.319 ug/ml
11) T n-Heneicosane (C21)	13.522	2874103	20.193 ug/ml
13) T n-Docosane (C22)	14.111	2838182	19.944 ug/ml
14) T n-Tetracosane (C24)	15.218	2808242	19.623 ug/ml
15) T n-Hexacosane (C26)	16.243	2747658	19.323 ug/ml
16) T n-Octacosane (C28)	17.196	2697295	18.969 ug/ml
17) T n-Tricontane (C30)	18.087	2744762	18.583 ug/ml
18) T n-Dotriacontane (C32)	18.923	2697287	18.579 ug/ml
19) T n-Tetratriacontane (C34)	19.709	2471207	18.335 ug/ml
20) T n-Hexatriacontane (C36)	20.452	2226024	18.734 ug/ml
21) T n-Octatriacontane (C38)	21.196	2169025	19.552 ug/ml
22) T n-Tetracontane (C40)	22.120	2205659	20.401 ug/ml

(f)=RT Delta > 1/2 Window

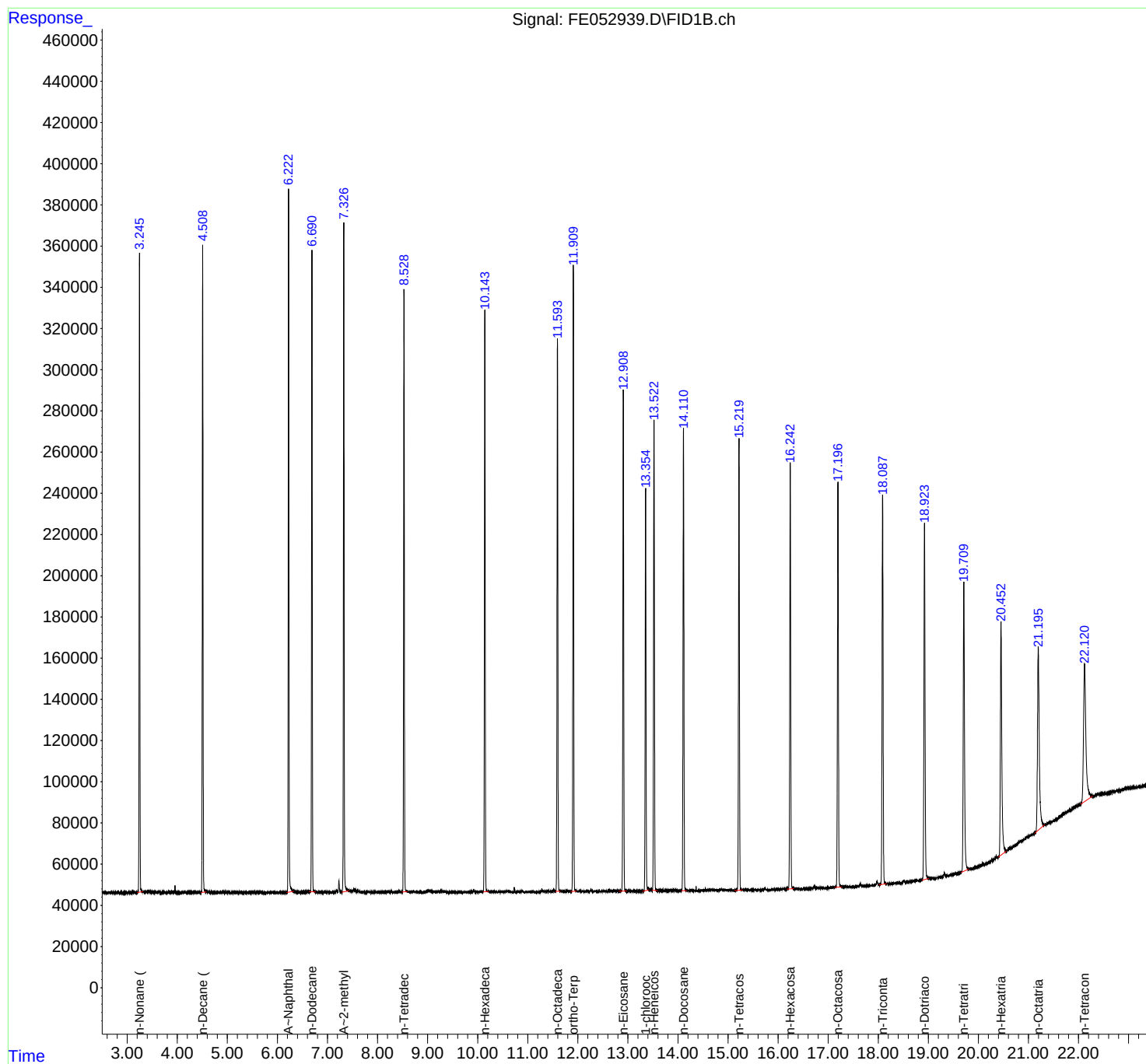
(m)=manual int.

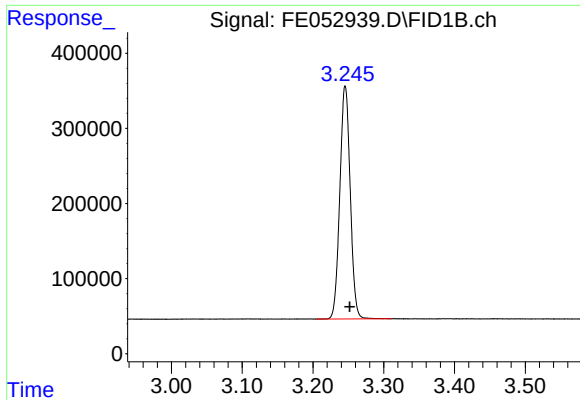
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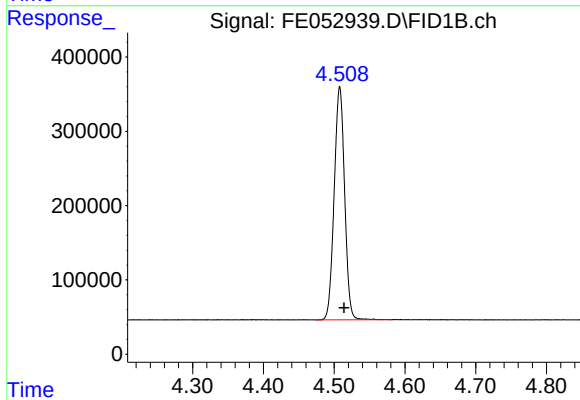




#1 n-Nonane (C9)

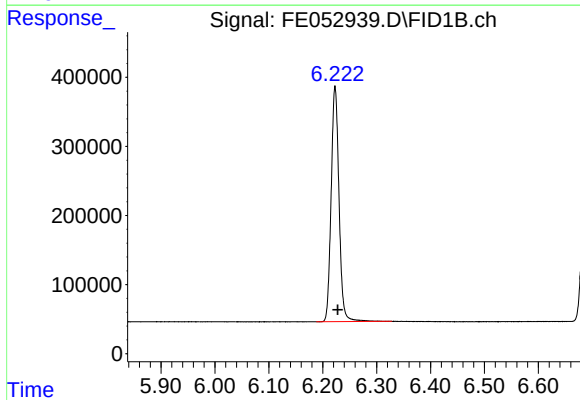
R.T.: 3.246 min
Delta R.T.: -0.006 min
Response: 3161172
Conc: 20.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



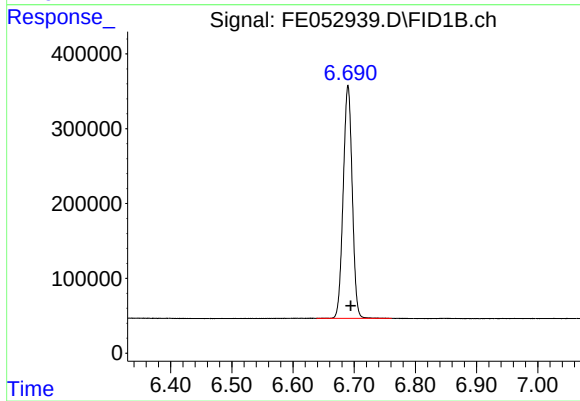
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.006 min
Response: 3209893
Conc: 20.43 ug/ml



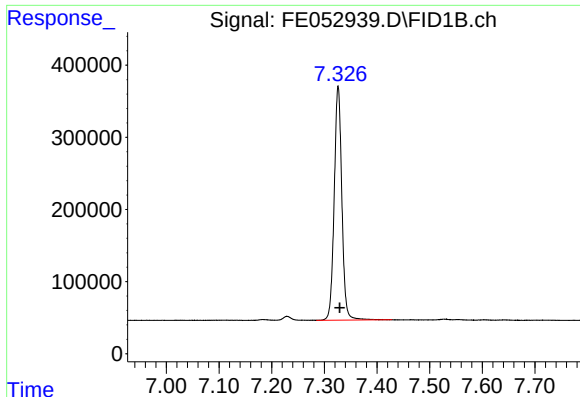
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 3447400
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

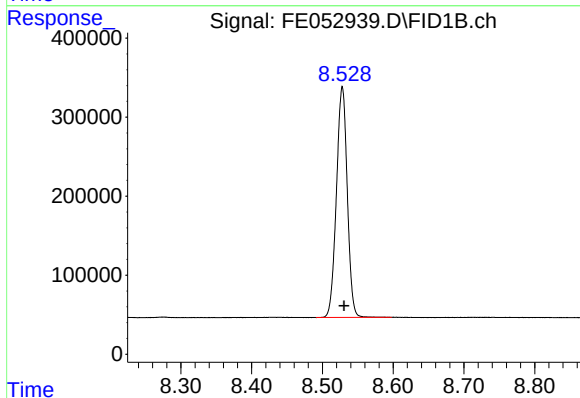
R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 3191647
Conc: 20.50 ug/ml



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

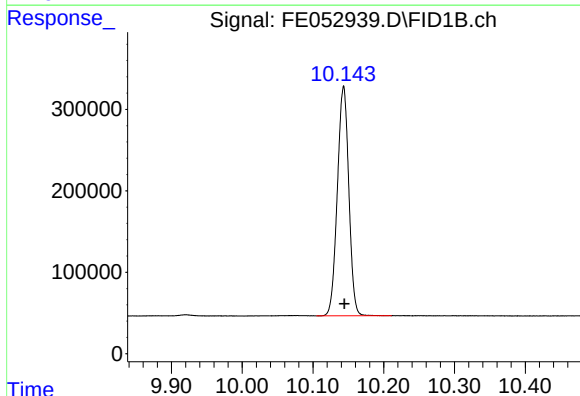
R.T.: 7.326 min
Delta R.T.: -0.003 min
Response: 3278478
Conc: 20.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



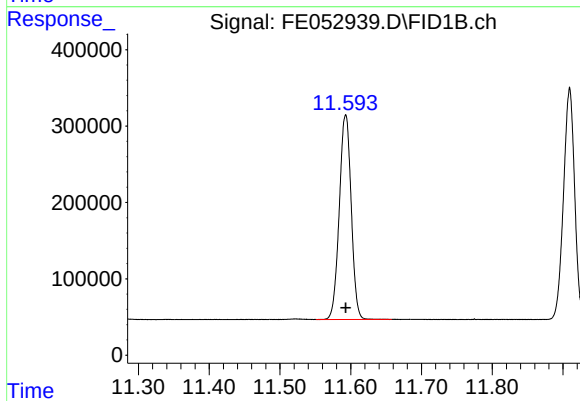
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 3109352
Conc: 20.55 ug/ml



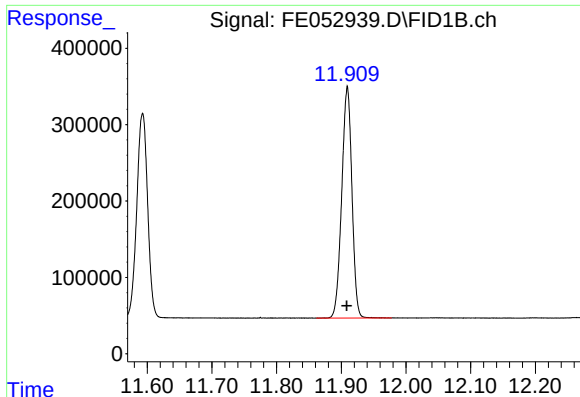
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.001 min
Response: 3168633
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

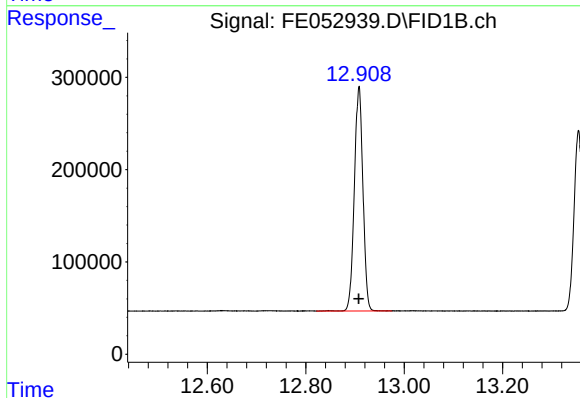
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 3131388
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

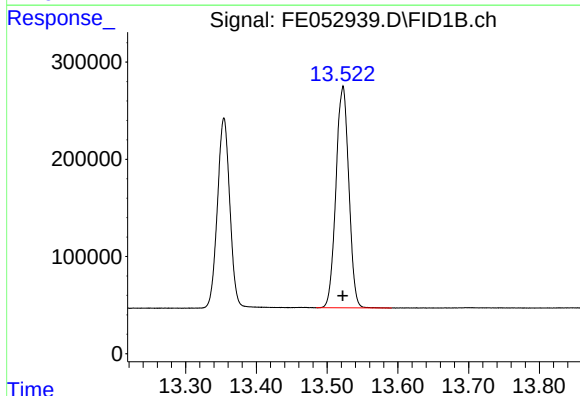
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 3317283
Conc: 19.68 ug/ml

Instrument :
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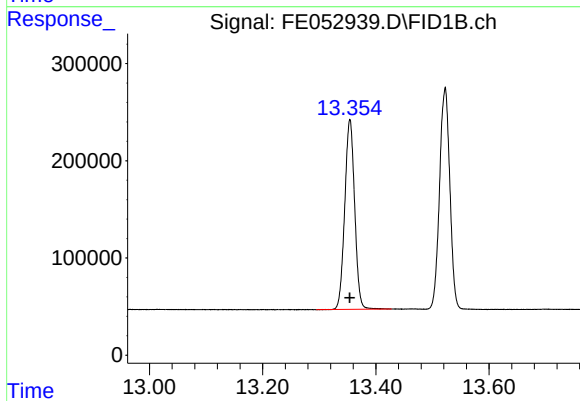
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 2949811
Conc: 20.32 ug/ml



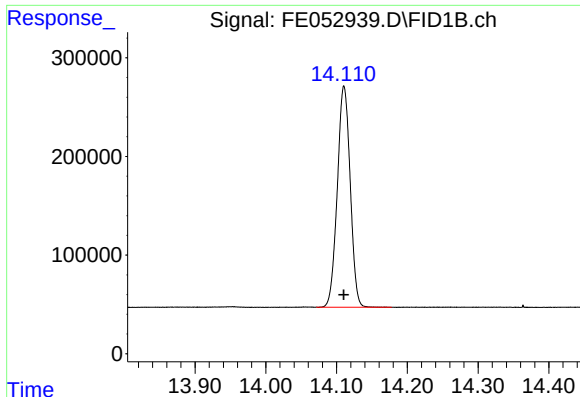
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2874103
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

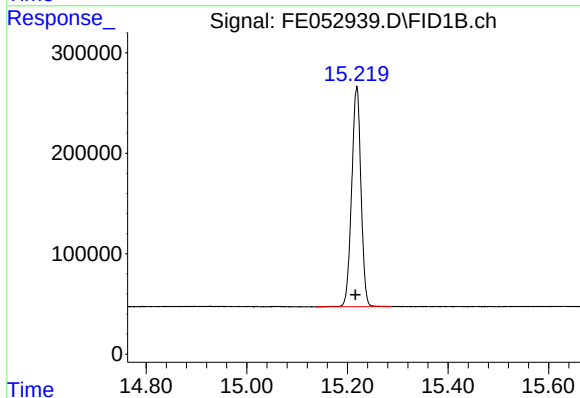
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 2375190
Conc: 19.56 ug/ml



#13 n-Docosane (C22)

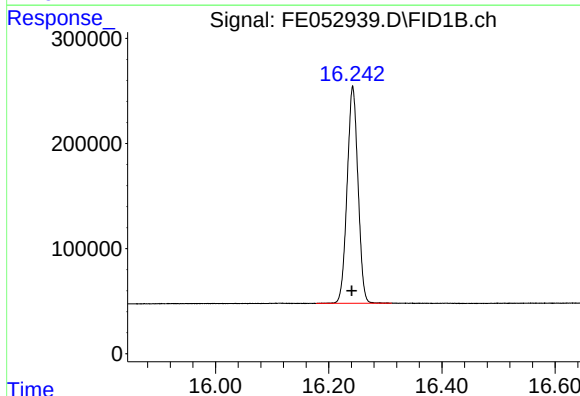
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 2838182
Conc: 19.94 ug/ml

Instrument :
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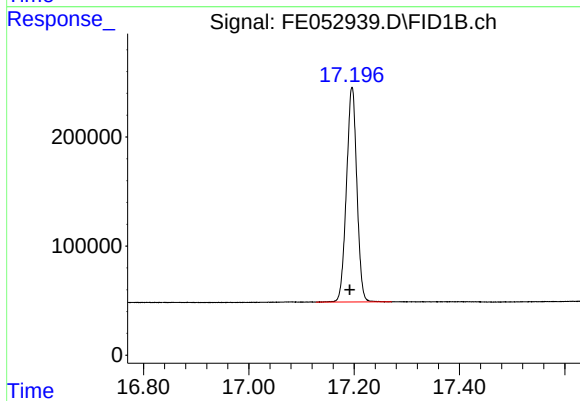
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 2808242
Conc: 19.62 ug/ml



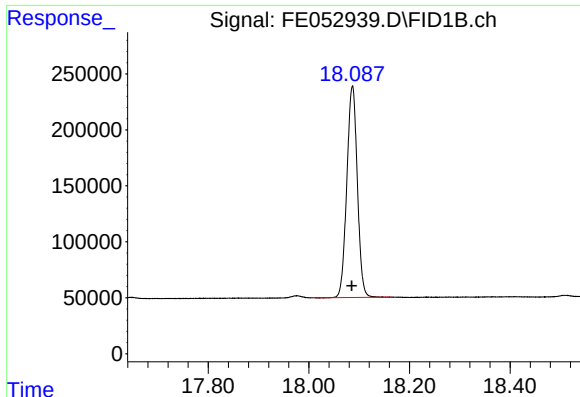
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.002 min
Response: 2747658
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

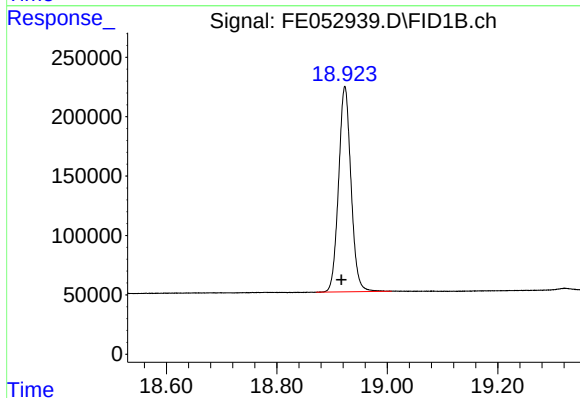
R.T.: 17.196 min
Delta R.T.: 0.004 min
Response: 2697295
Conc: 18.97 ug/ml



#17 n-Tricontane (C30)

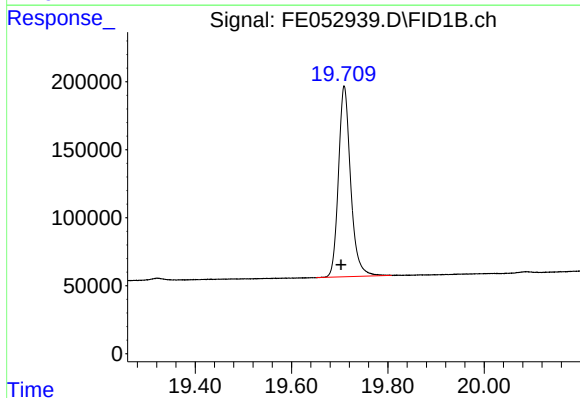
R.T.: 18.087 min
Delta R.T.: 0.002 min
Response: 2744762
Conc: 18.58 ug/ml

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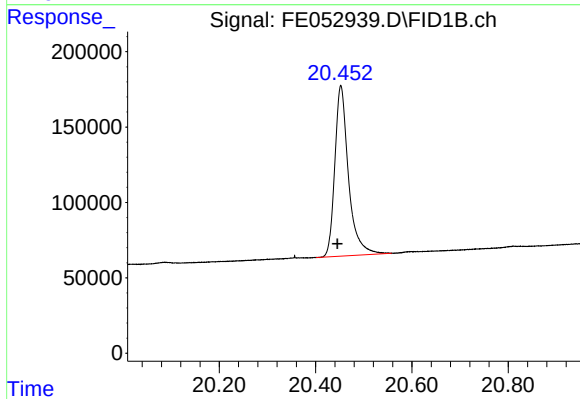
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.006 min
Response: 2697287
Conc: 18.58 ug/ml



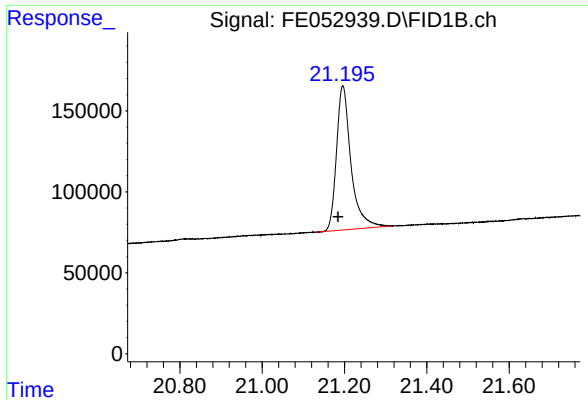
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: 0.007 min
Response: 2471207
Conc: 18.34 ug/ml



#20 n-Hexatriacontane (C36)

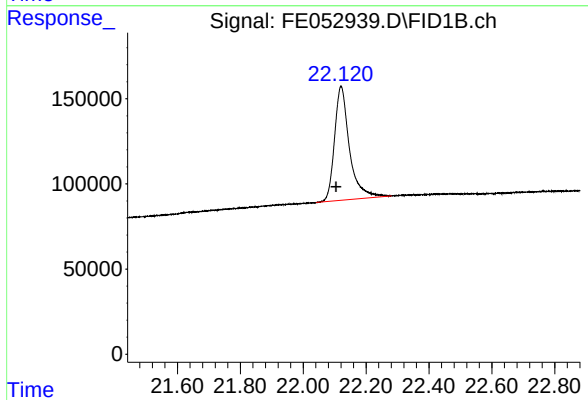
R.T.: 20.452 min
Delta R.T.: 0.008 min
Response: 2226024
Conc: 18.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: 0.011 min
Response: 2169025
Conc: 19.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: 0.016 min
Response: 2205659
Conc: 20.40 ug/ml