

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042623AL\
 Data File : FE041561.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2023 22:18
 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: Apr 27 02:04:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.979	3748059	19.978 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	13.416	2782708	19.698 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T n-Nonane (C9)	3.357	3109819	21.156 ug/ml
2) T n-Decane (C10)	4.610	3194655	21.301 ug/ml
3) T A~Naphthalene (C11.7)	6.316	3519245	21.266 ug/ml
4) T n-Dodecane (C12)	6.779	3229186	21.239 ug/ml
5) T A~2-methylnaphthalene...	7.412	3418618	21.201 ug/ml
6) T n-Tetradecane (C14)	8.607	3211922	21.144 ug/ml
7) T n-Hexadecane (C16)	10.216	3316704	20.783 ug/ml
8) T n-Octadecane (C18)	11.660	3346706	20.418 ug/ml
10) T n-Eicosane (C20)	12.971	3199903	19.894 ug/ml
11) T n-Heneicosane (C21)	13.582	3142069	19.715 ug/ml
13) T n-Docosane (C22)	14.169	3113150	19.539 ug/ml
14) T n-Tetracosane (C24)	15.272	3067678	19.028 ug/ml
15) T n-Hexacosane (C26)	16.293	2964006	18.748 ug/ml
16) T n-Octacosane (C28)	17.243	2870786	18.657 ug/ml
17) T n-Tricontane (C30)	18.132	2892547	18.992 ug/ml
18) T n-Dotriacontane (C32)	18.964	2816009	18.902 ug/ml
19) T n-Tetratriacontane (C34)	19.748	2748467	19.510 ug/ml
20) T n-Hexatriacontane (C36)	20.488	2656502	19.865 ug/ml
21) T n-Octatriacontane (C38)	21.240	2719078	20.578 ug/ml
22) T n-Tetracontane (C40)	22.180	2772945	21.901 ug/ml

(f)=RT Delta > 1/2 Window

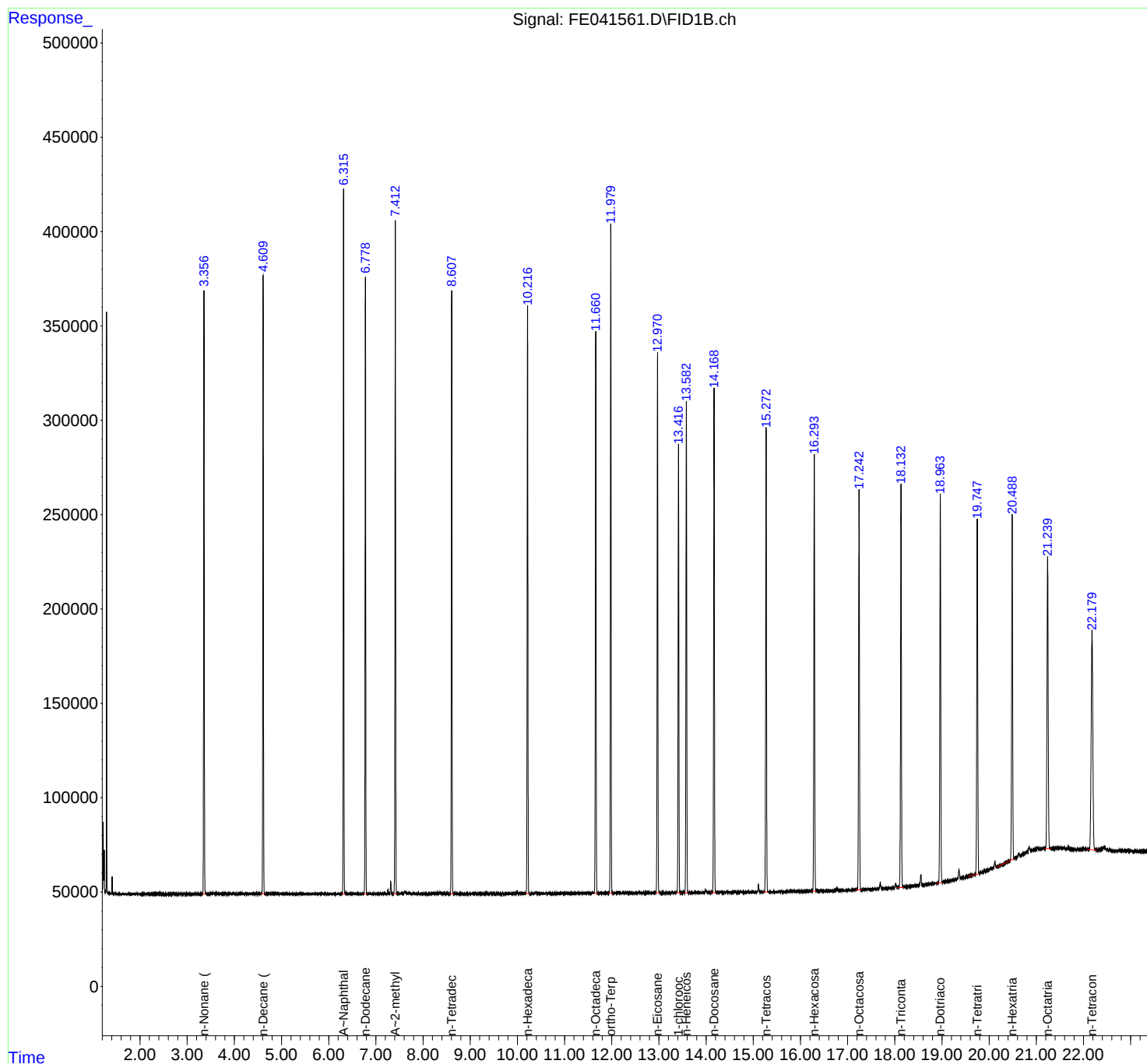
(m)=manual int.

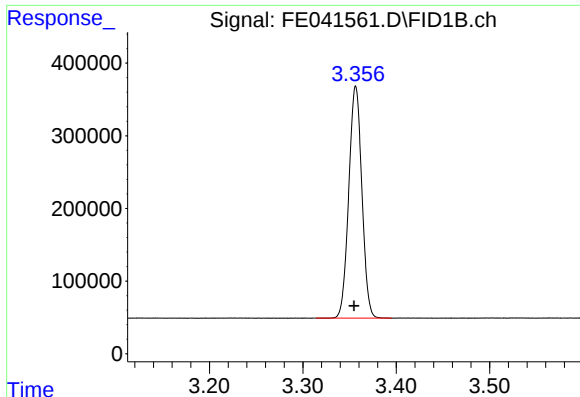
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042623AL\
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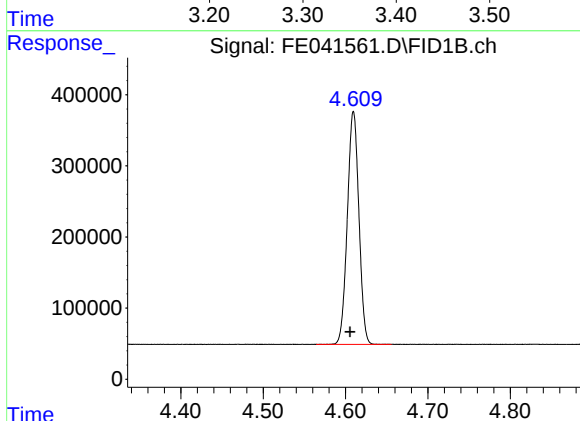




#1 n-Nonane (C9)

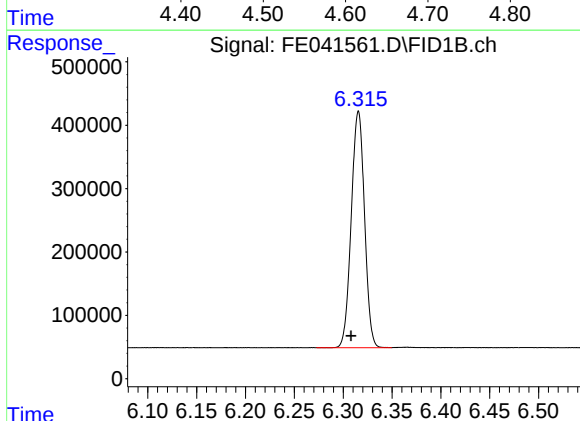
R.T.: 3.357 min
Delta R.T.: 0.002 min
Response: 3109819
Conc: 21.16 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



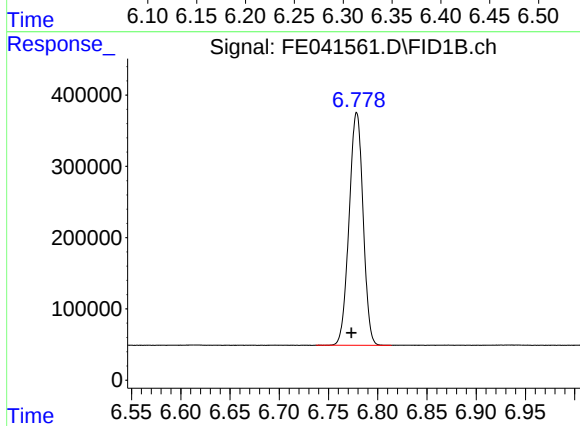
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.004 min
Response: 3194655
Conc: 21.30 ug/ml



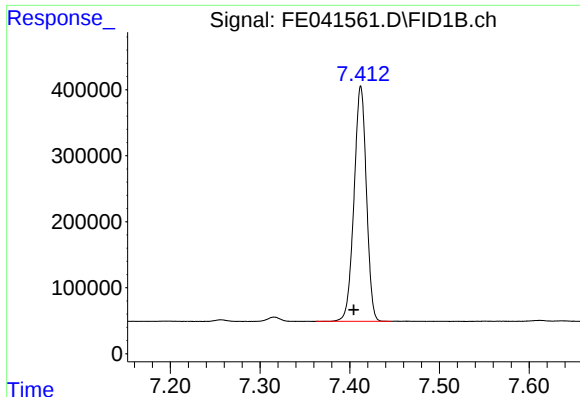
#3 A~Naphthalene (C11.7)

R.T.: 6.316 min
Delta R.T.: 0.007 min
Response: 3519245
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

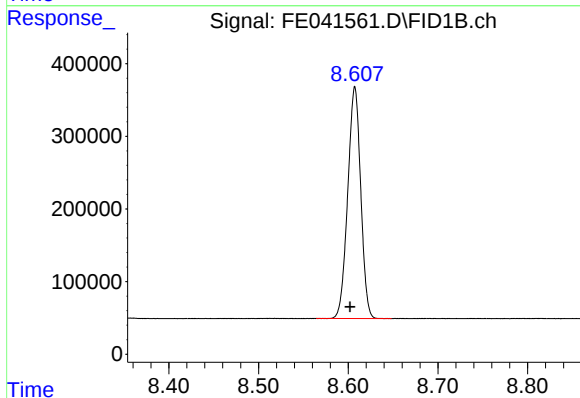
R.T.: 6.779 min
Delta R.T.: 0.005 min
Response: 3229186
Conc: 21.24 ug/ml



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

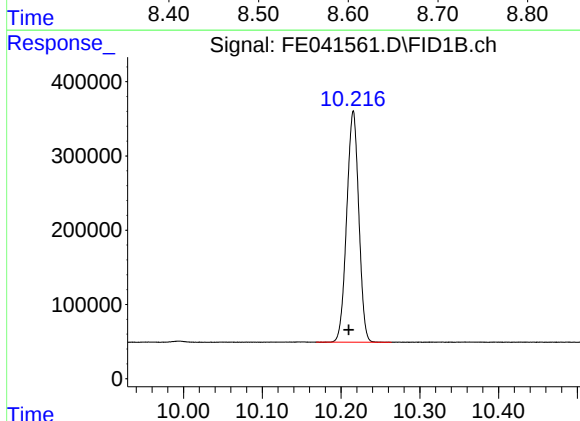
R.T.: 7.412 min
Delta R.T.: 0.008 min
Response: 3418618
Conc: 21.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



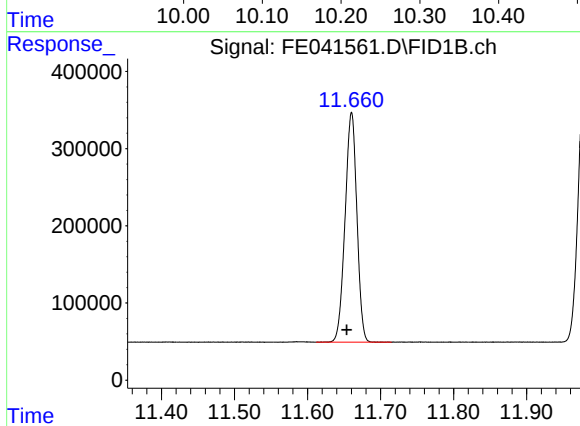
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.005 min
Response: 3211922
Conc: 21.14 ug/ml



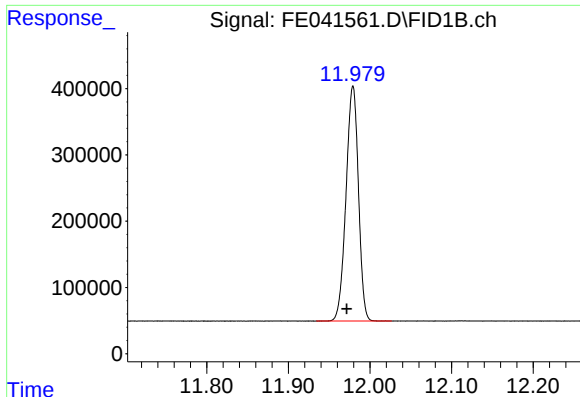
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: 0.006 min
Response: 3316704
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

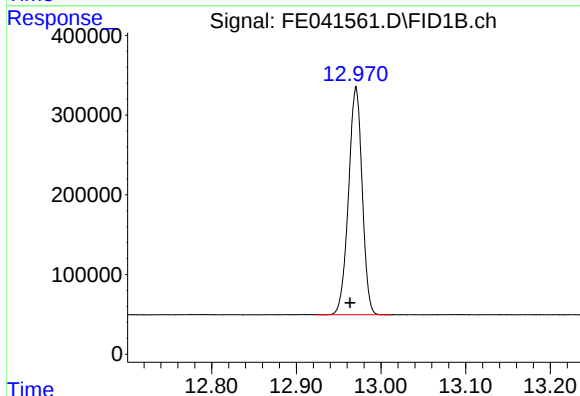
R.T.: 11.660 min
Delta R.T.: 0.006 min
Response: 3346706
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

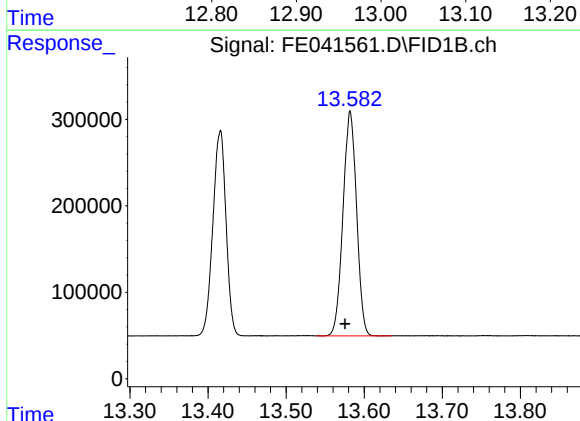
R.T.: 11.979 min
Delta R.T.: 0.008 min
Response: 3748059
Conc: 19.98 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



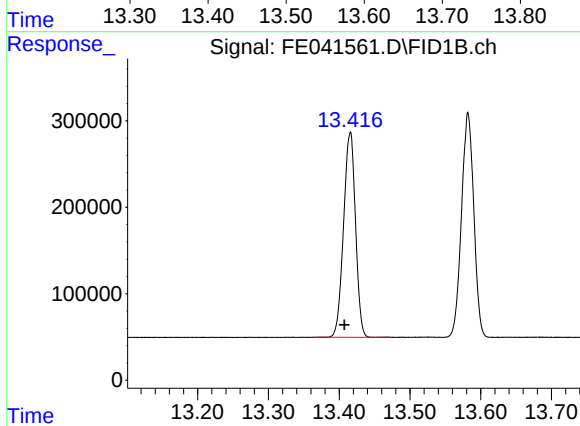
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.007 min
Response: 3199903
Conc: 19.89 ug/ml



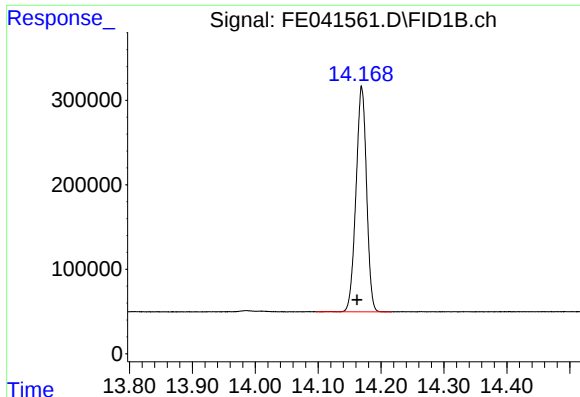
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.006 min
Response: 3142069
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

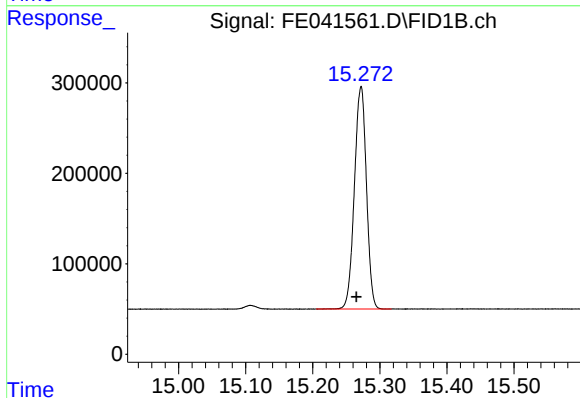
R.T.: 13.416 min
Delta R.T.: 0.008 min
Response: 2782708
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

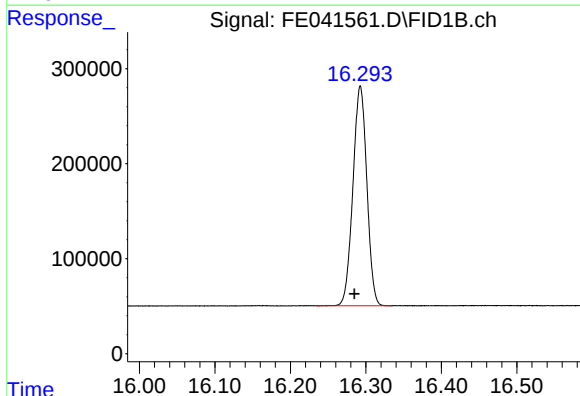
R.T.: 14.169 min
Delta R.T.: 0.007 min
Response: 3113150
Conc: 19.54 ug/ml

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20 PPM ALIPHATIC HC STD



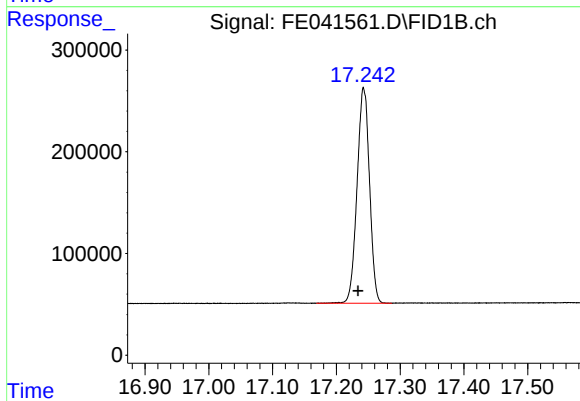
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.007 min
Response: 3067678
Conc: 19.03 ug/ml



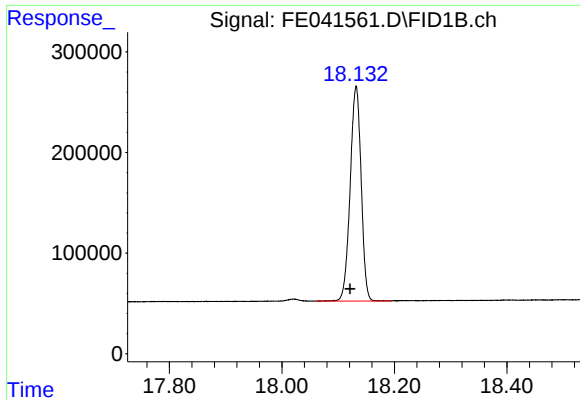
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.008 min
Response: 2964006
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

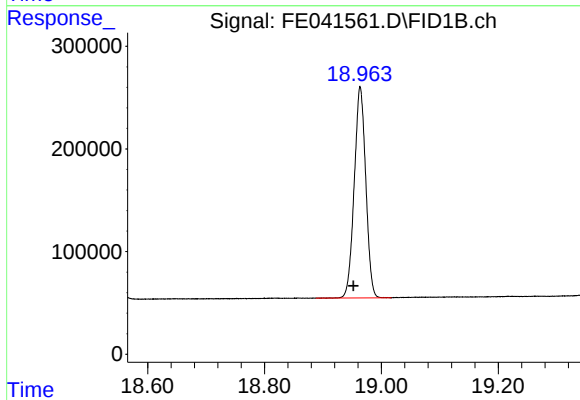
R.T.: 17.243 min
Delta R.T.: 0.009 min
Response: 2870786
Conc: 18.66 ug/ml



#17 n-Tricontane (C30)

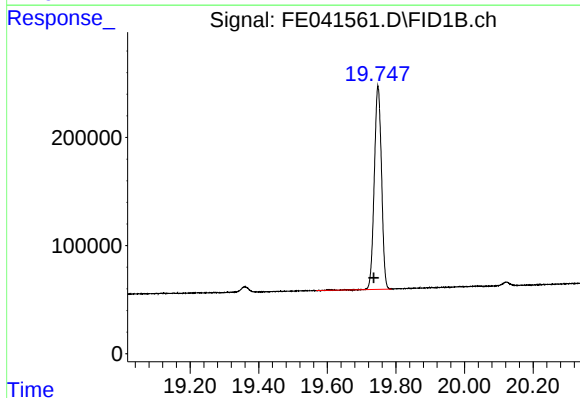
R.T.: 18.132 min
Delta R.T.: 0.011 min
Response: 2892547
Conc: 18.99 ug/ml

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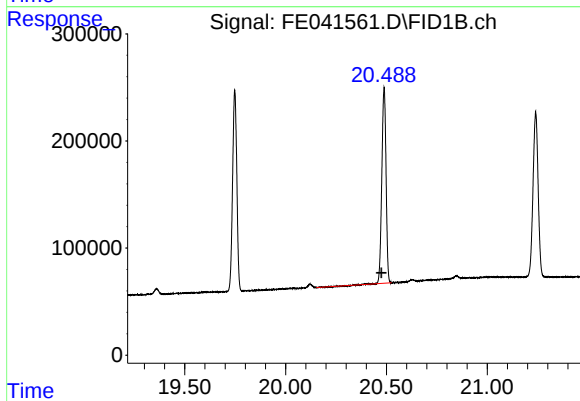
#18 n-Dotriacontane (C32)

R.T.: 18.964 min
Delta R.T.: 0.012 min
Response: 2816009
Conc: 18.90 ug/ml



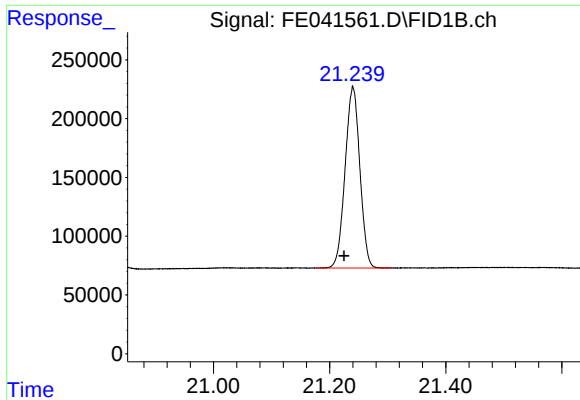
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: 0.012 min
Response: 2748467
Conc: 19.51 ug/ml



#20 n-Hexatriacontane (C36)

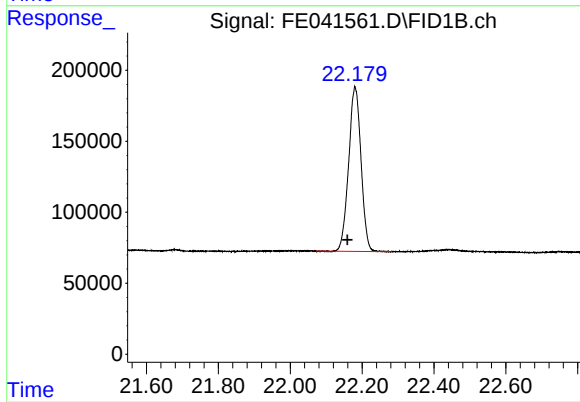
R.T.: 20.488 min
Delta R.T.: 0.012 min
Response: 2656502
Conc: 19.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.015 min
Response: 2719078
Conc: 20.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.180 min
Delta R.T.: 0.022 min
Response: 2772945
Conc: 21.90 ug/ml