

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041564.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2023 08:50
 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: Apr 28 03:51:03 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)	11.978	3336111	17.782 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
12) S 1-chlorooctadecane (S...	13.414	2600750	18.410 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
Target Compounds			
1) T n-Nonane (C9)	3.356	2839979	19.320 ug/ml
2) T n-Decane (C10)	4.609	2917818	19.455 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3369469	20.361 ug/ml
4) T n-Dodecane (C12)	6.777	2981668	19.611 ug/ml
5) T A~2-methylnaphthalene...	7.412	3217096	19.951 ug/ml
6) T n-Tetradecane (C14)	8.607	3018075	19.868 ug/ml
7) T n-Hexadecane (C16)	10.215	3112994	19.507 ug/ml
8) T n-Octadecane (C18)	11.659	3145958	19.193 ug/ml
10) T n-Eicosane (C20)	12.969	3055496	18.997 ug/ml
11) T n-Heneicosane (C21)	13.582	3023062	18.969 ug/ml
13) T n-Docosane (C22)	14.169	3033133	19.037 ug/ml
14) T n-Tetracosane (C24)	15.271	3072368	19.057 ug/ml
15) T n-Hexacosane (C26)	16.292	3041767	19.240 ug/ml
16) T n-Octacosane (C28)	17.243	3110918	20.218 ug/ml
17) T n-Tricontane (C30)	18.131	3281536	21.546 ug/ml
18) T n-Dotriacontane (C32)	18.963	3344156	22.447 ug/ml
19) T n-Tetratriacontane (C34)	19.746	3114768	22.110 ug/ml
20) T n-Hexatriacontane (C36)	20.487	2841763	21.250 ug/ml
21) T n-Octatriacontane (C38)	21.240	2769002	20.956 ug/ml
22) T n-Tetracontane (C40)	22.180	2780576	21.962 ug/ml

(f)=RT Delta > 1/2 Window

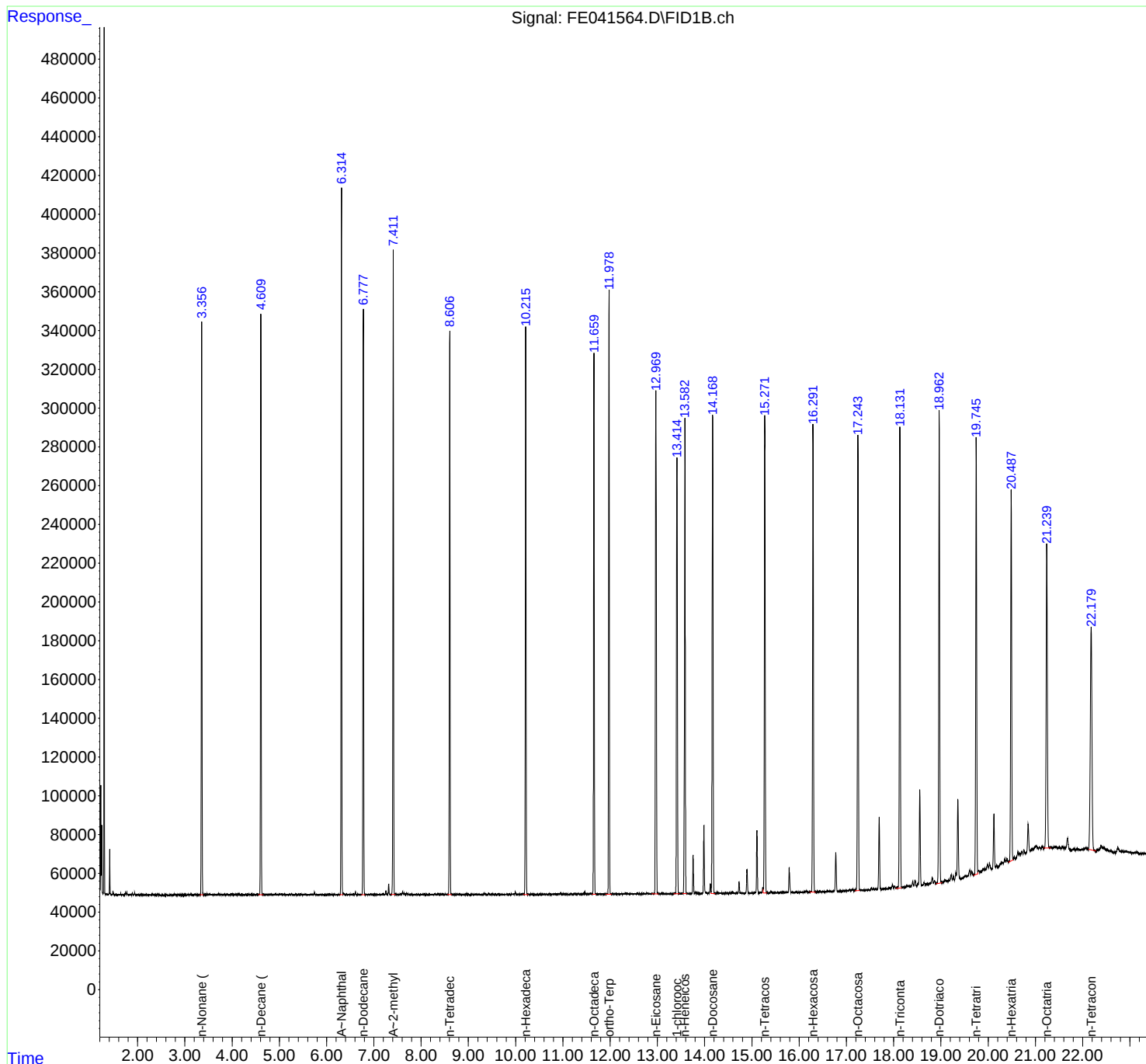
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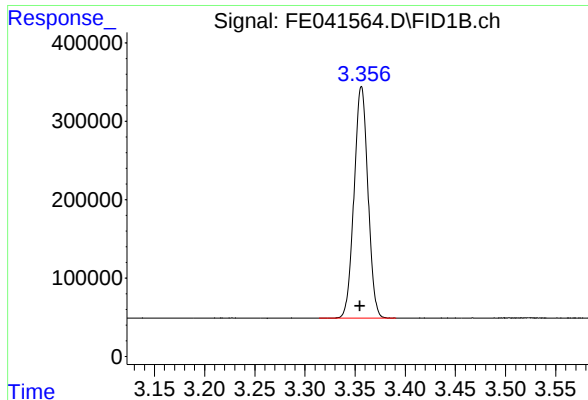
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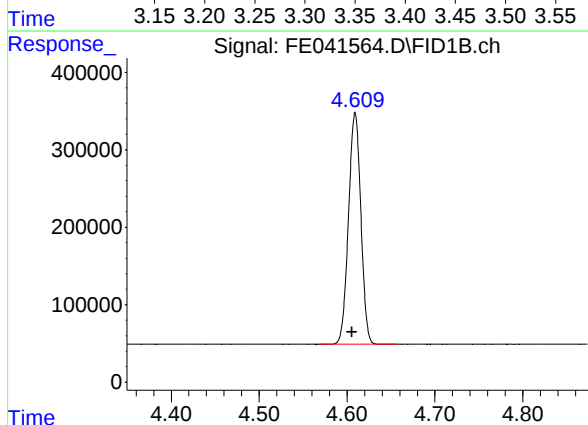




#1 n-Nonane (C9)

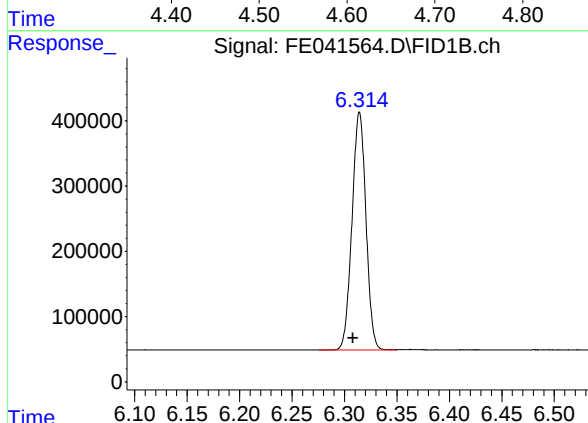
R.T.: 3.356 min
Delta R.T.: 0.001 min
Response: 2839979
Conc: 19.32 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



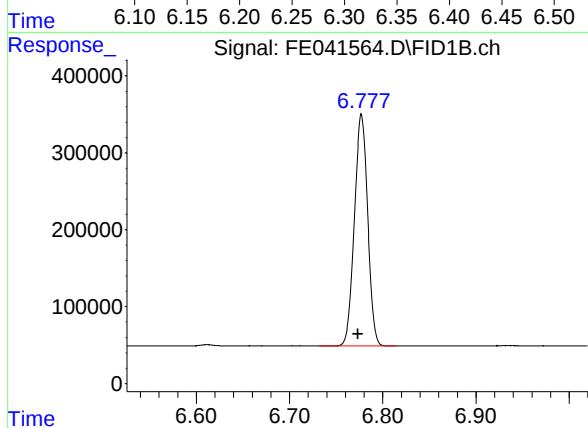
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.004 min
Response: 2917818
Conc: 19.45 ug/ml



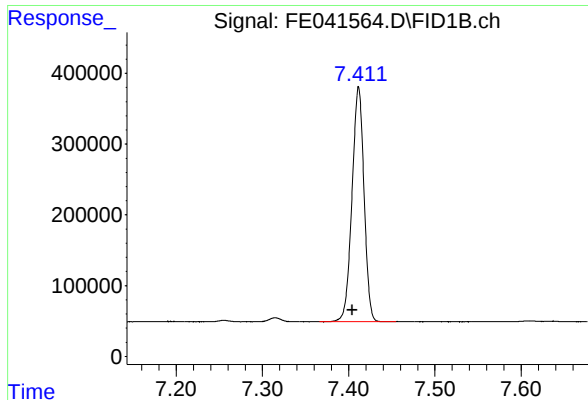
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.006 min
Response: 3369469
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

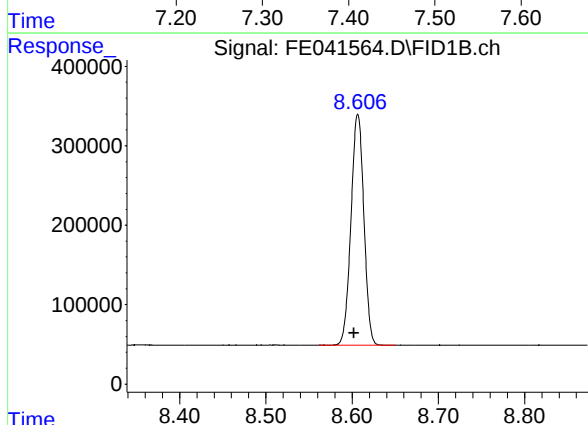
R.T.: 6.777 min
Delta R.T.: 0.004 min
Response: 2981668
Conc: 19.61 ug/ml



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

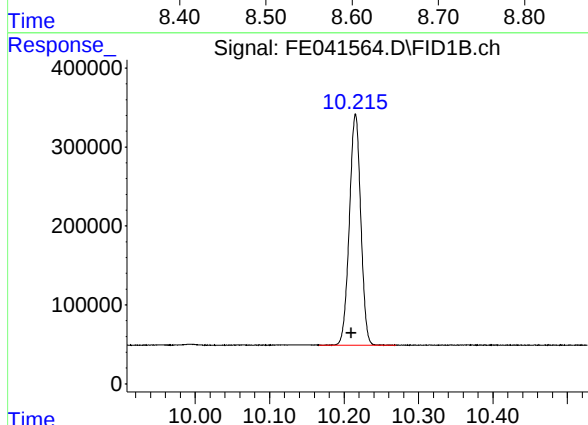
R.T.: 7.412 min
Delta R.T.: 0.007 min
Response: 3217096
Conc: 19.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



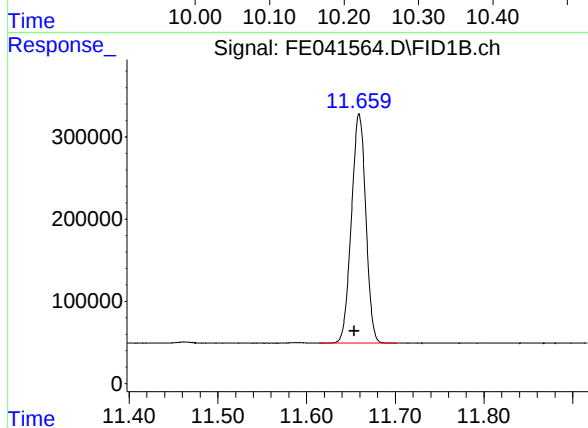
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.004 min
Response: 3018075
Conc: 19.87 ug/ml



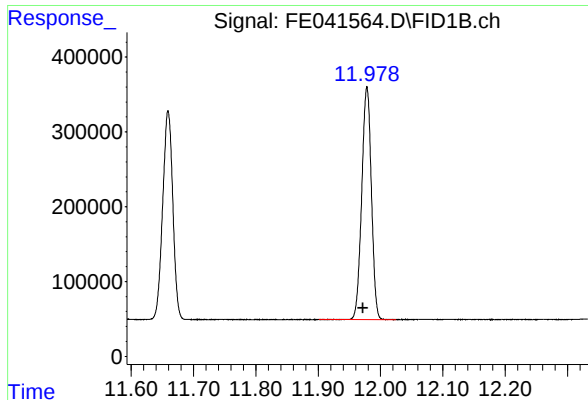
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.006 min
Response: 3112994
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

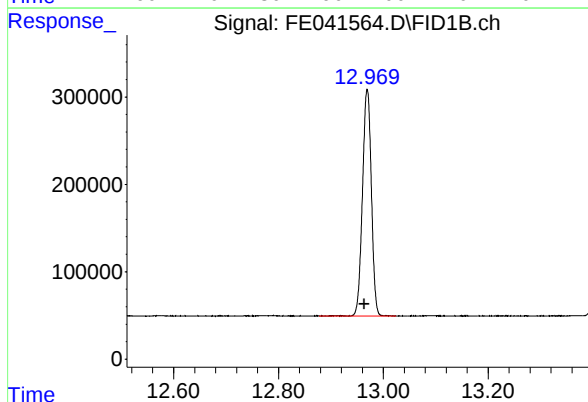
R.T.: 11.659 min
Delta R.T.: 0.005 min
Response: 3145958
Conc: 19.19 ug/ml



#9 ortho-Terphenyl (SURR)

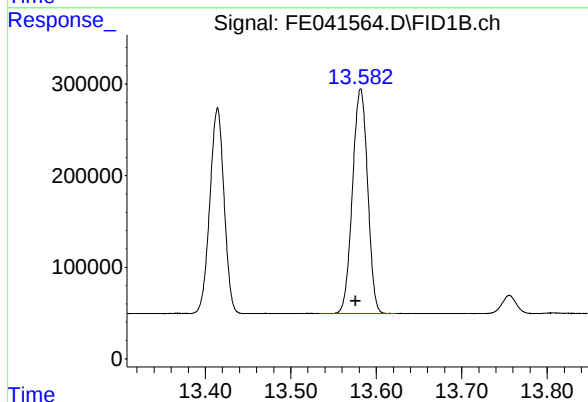
R.T.: 11.978 min
Delta R.T.: 0.007 min
Response: 3336111
Conc: 17.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



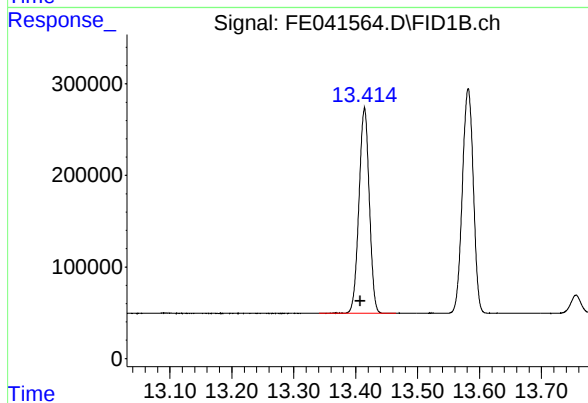
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.006 min
Response: 3055496
Conc: 19.00 ug/ml



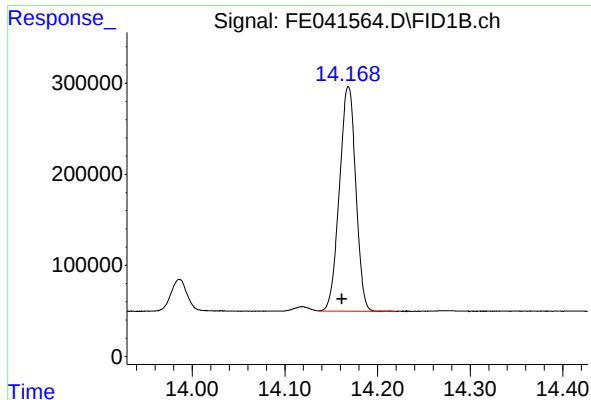
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.006 min
Response: 3023062
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

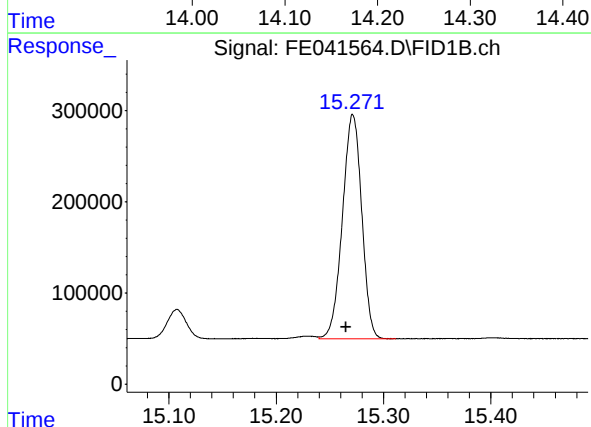
R.T.: 13.414 min
Delta R.T.: 0.007 min
Response: 2600750
Conc: 18.41 ug/ml



#13 n-Docosane (C22)

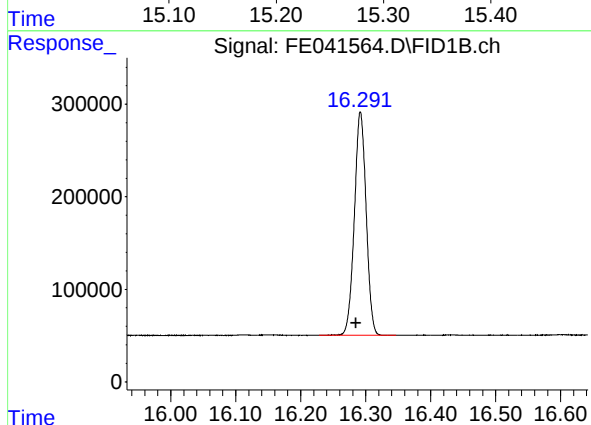
R.T.: 14.169 min
Delta R.T.: 0.007 min
Response: 3033133
Conc: 19.04 ug/ml

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20 PPM ALIPHATIC HC STD



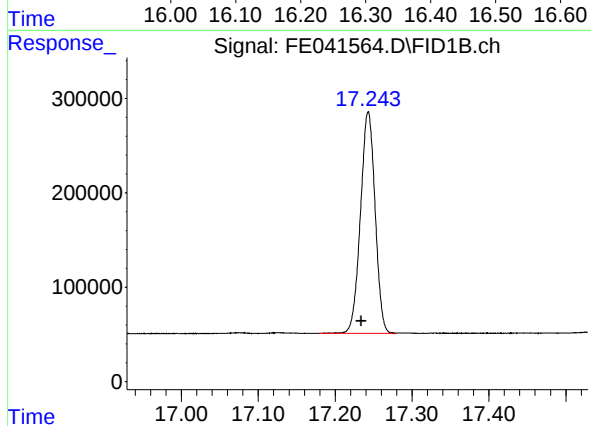
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.007 min
Response: 3072368
Conc: 19.06 ug/ml



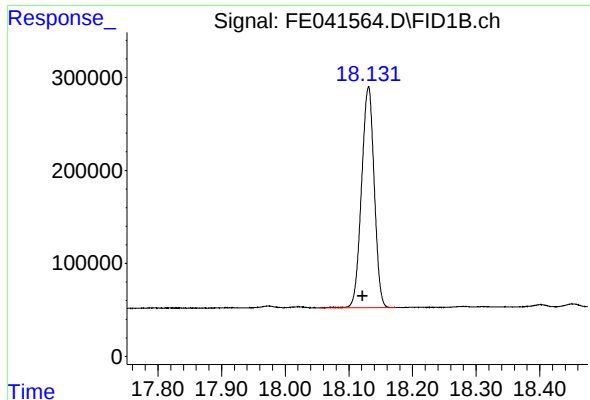
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.007 min
Response: 3041767
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

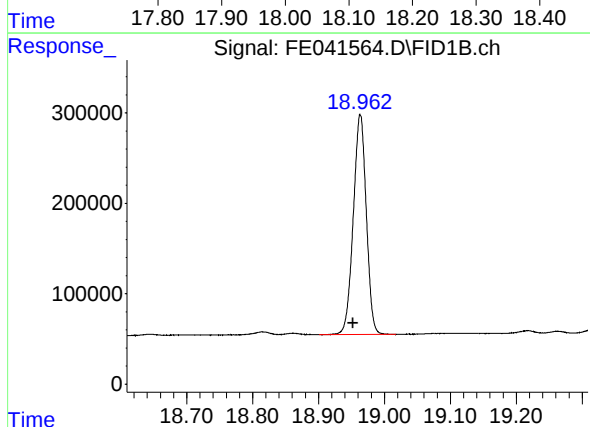
R.T.: 17.243 min
Delta R.T.: 0.009 min
Response: 3110918
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

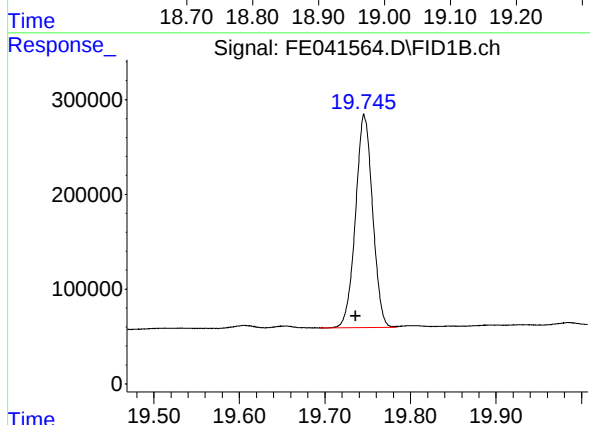
R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 3281536
Conc: 21.55 ug/ml

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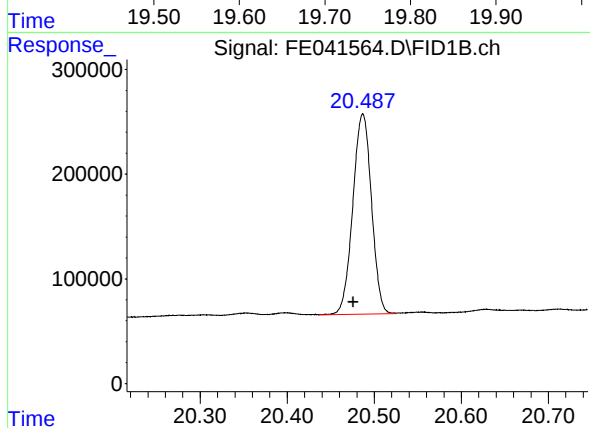
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: 0.011 min
Response: 3344156
Conc: 22.45 ug/ml



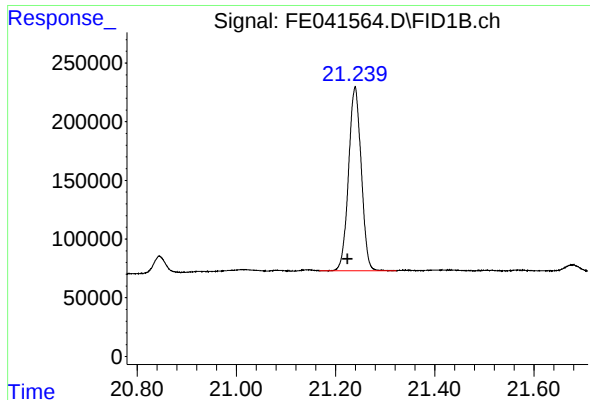
#19 n-Tetratriacontane (C34)

R.T.: 19.746 min
Delta R.T.: 0.010 min
Response: 3114768
Conc: 22.11 ug/ml



#20 n-Hexatriacontane (C36)

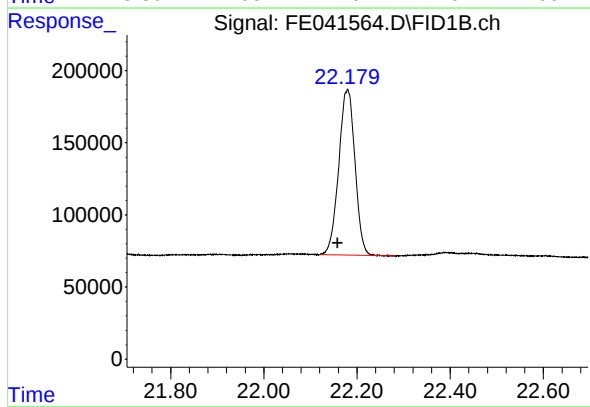
R.T.: 20.487 min
Delta R.T.: 0.011 min
Response: 2841763
Conc: 21.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.015 min
Response: 2769002
Conc: 20.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.180 min
Delta R.T.: 0.021 min
Response: 2780576
Conc: 21.96 ug/ml