

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
 Data File : FE047723.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2024 12:36
 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 23 01:20:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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	3487520	20.107 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.412	2701446	20.086 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
Target Compounds			
1) T n-Nonane (C9)	3.357	3038595	19.422 ug/ml
2) T n-Decane (C10)	4.609	3142451	19.553 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3332331	19.653 ug/ml
4) T n-Dodecane (C12)	6.776	3174652	19.559 ug/ml
5) T A~2-methylnaphthalene...	7.414	3229380	19.665 ug/ml
6) T n-Tetradecane (C14)	8.605	3168047	19.693 ug/ml
7) T n-Hexadecane (C16)	10.213	3302033	19.883 ug/ml
8) T n-Octadecane (C18)	11.656	3356485	20.015 ug/ml
10) T n-Eicosane (C20)	12.966	3254455	20.089 ug/ml
11) T n-Heneicosane (C21)	13.578	3191319	20.112 ug/ml
13) T n-Docosane (C22)	14.164	3225978	20.102 ug/ml
14) T n-Tetracosane (C24)	15.267	3301542	20.002 ug/ml
15) T n-Hexacosane (C26)	16.288	3330755	20.150 ug/ml
16) T n-Octacosane (C28)	17.237	3395490	20.490 ug/ml
17) T n-Tricontane (C30)	18.124	3637189	21.423 ug/ml
18) T n-Dotriacontane (C32)	18.956	3660131	21.950 ug/ml
19) T n-Tetratriacontane (C34)	19.739	3487046	21.742 ug/ml
20) T n-Hexatriacontane (C36)	20.478	3410652	21.384 ug/ml
21) T n-Octatriacontane (C38)	21.222	3373187	20.755 ug/ml
22) T n-Tetracontane (C40)	22.152	3255147	19.882 ug/ml

(f)=RT Delta > 1/2 Window

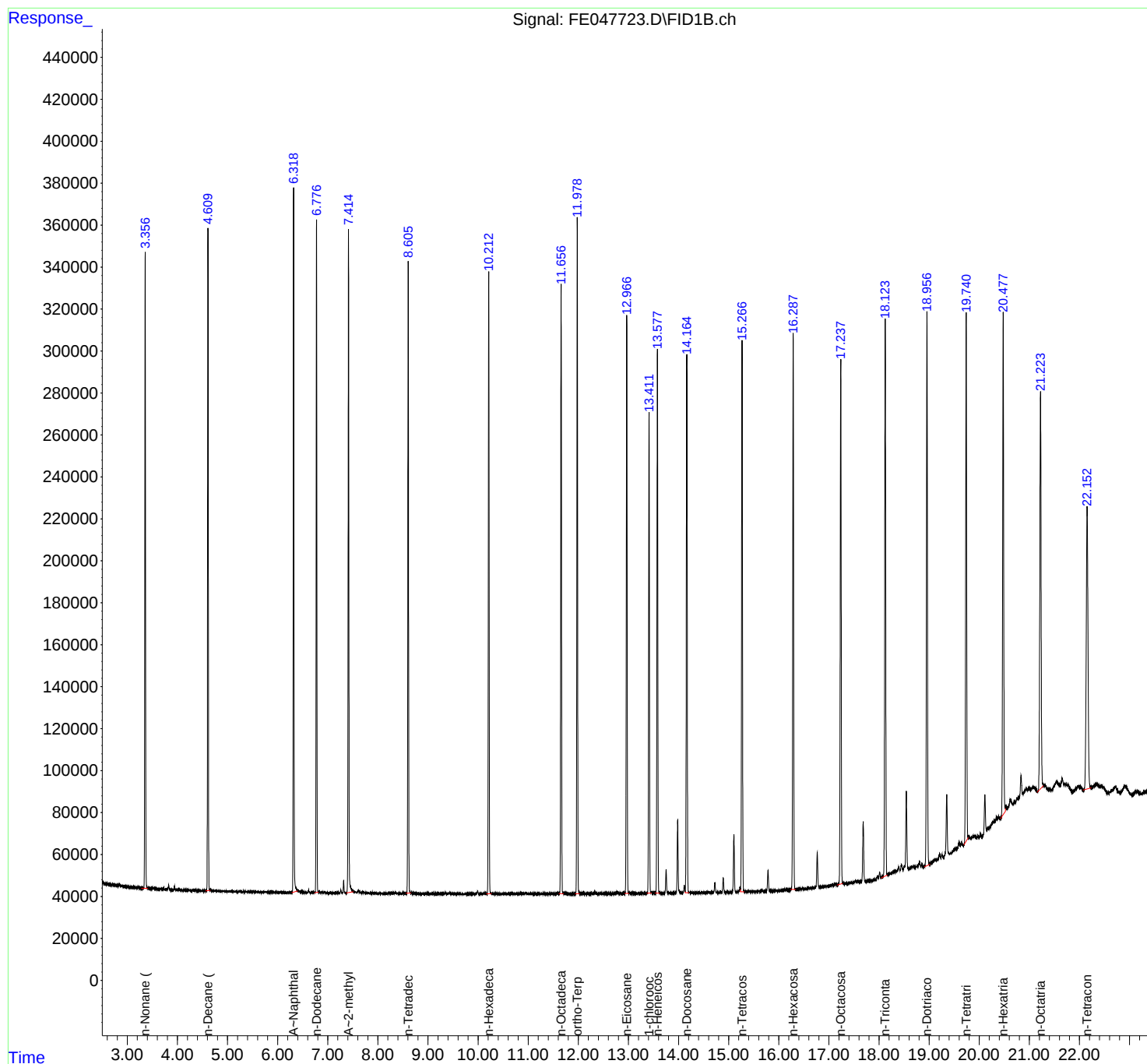
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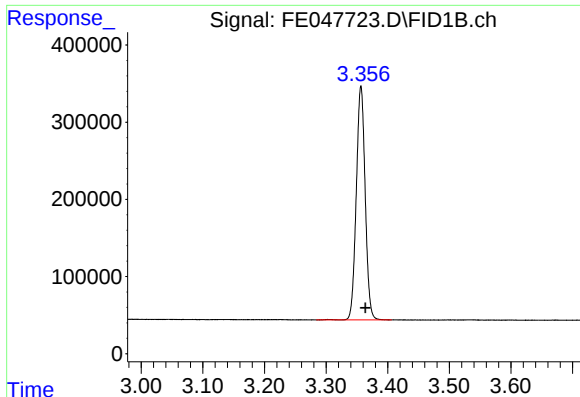
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
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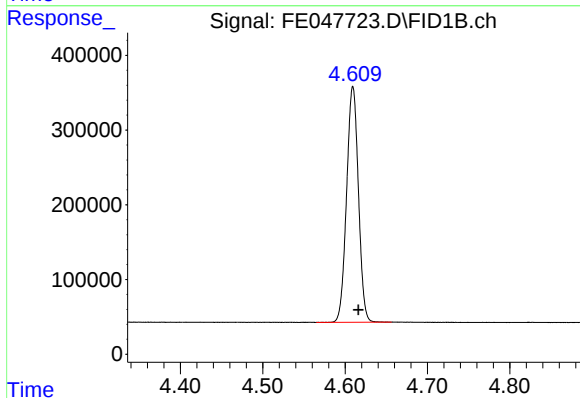




#1 n-Nonane (C9)

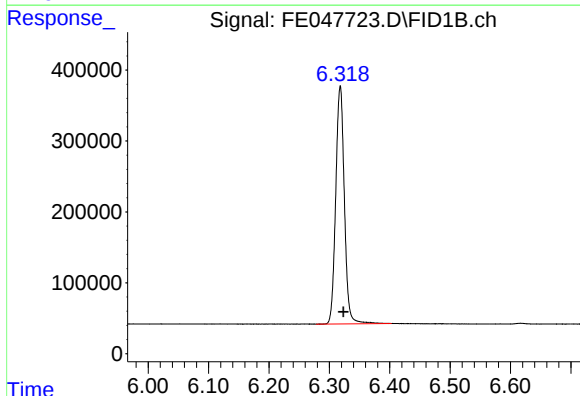
R.T.: 3.357 min
Delta R.T.: -0.007 min
Response: 3038595
Conc: 19.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



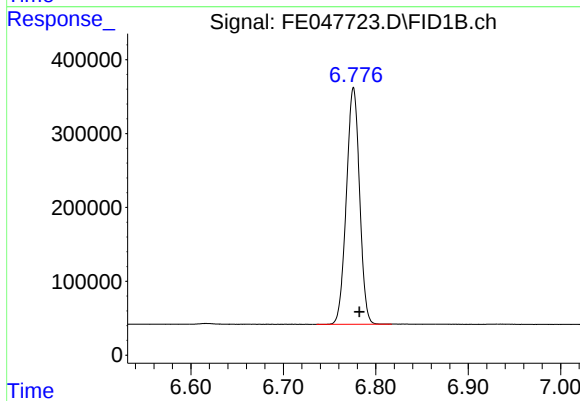
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.007 min
Response: 3142451
Conc: 19.55 ug/ml



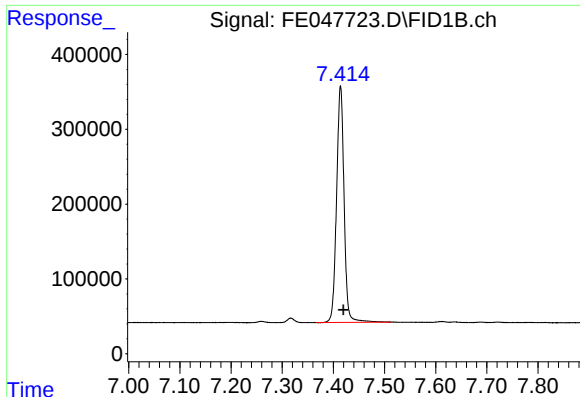
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.005 min
Response: 3332331
Conc: 19.65 ug/ml



#4 n-Dodecane (C12)

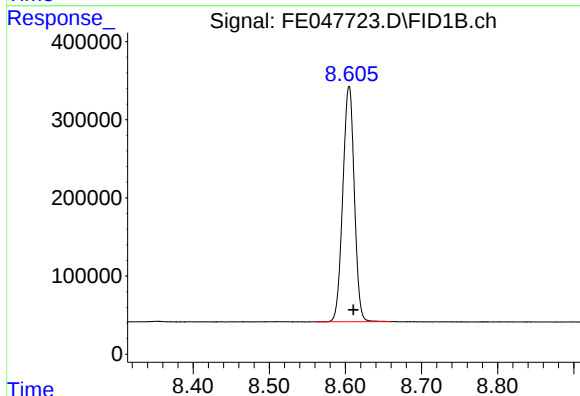
R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 3174652
Conc: 19.56 ug/ml



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

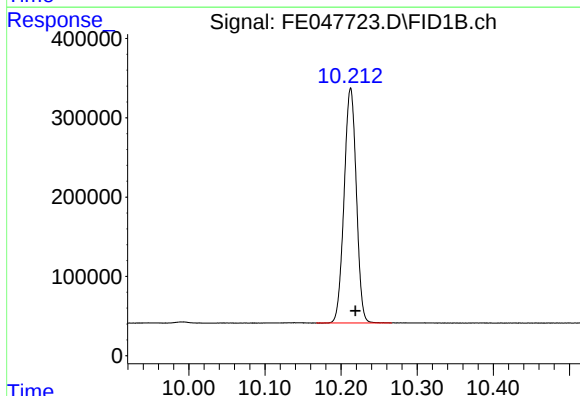
R.T.: 7.414 min
Delta R.T.: -0.006 min
Response: 3229380
Conc: 19.66 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



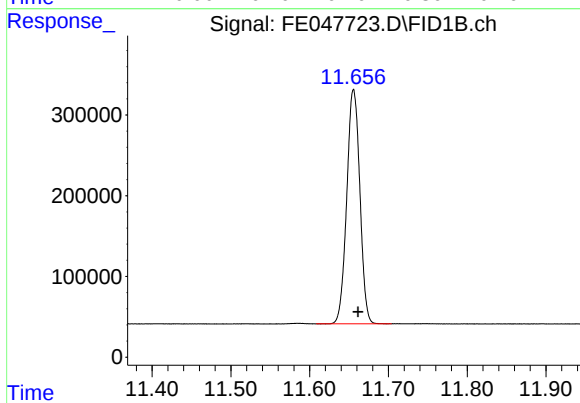
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.005 min
Response: 3168047
Conc: 19.69 ug/ml



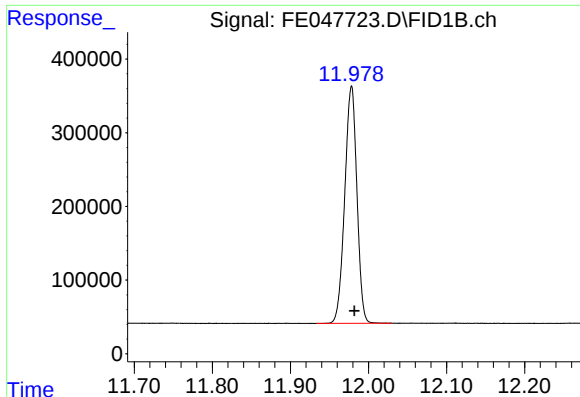
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.006 min
Response: 3302033
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

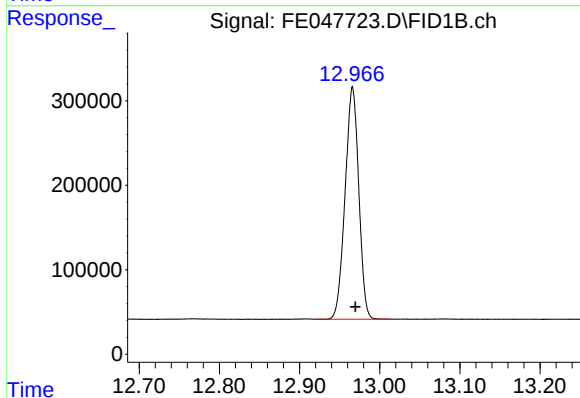
R.T.: 11.656 min
Delta R.T.: -0.006 min
Response: 3356485
Conc: 20.02 ug/ml



#9 ortho-Terphenyl (SURR)

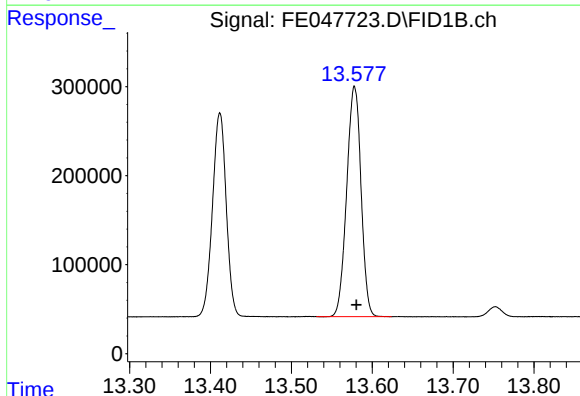
R.T.: 11.978 min
Delta R.T.: -0.004 min
Response: 3487520
Conc: 20.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



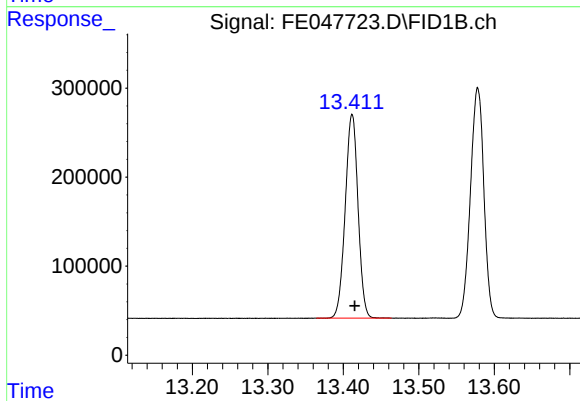
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.003 min
Response: 3254455
Conc: 20.09 ug/ml



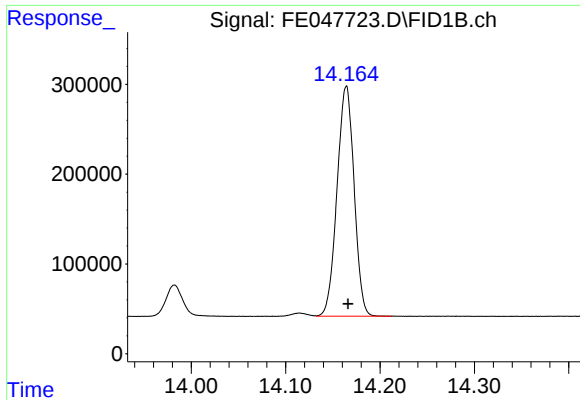
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.002 min
Response: 3191319
Conc: 20.11 ug/ml



#12 1-chlorooctadecane (SURR)

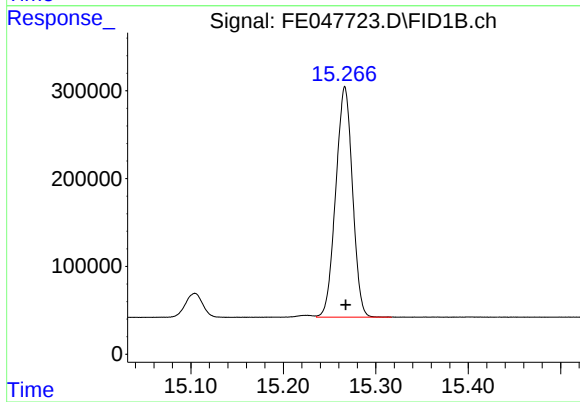
R.T.: 13.412 min
Delta R.T.: -0.003 min
Response: 2701446
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

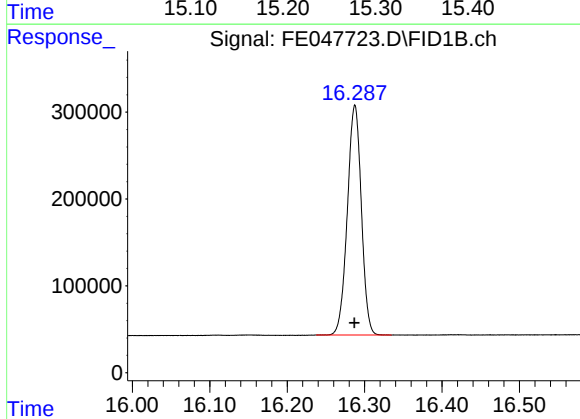
R.T.: 14.164 min
Delta R.T.: -0.002 min
Response: 3225978
Conc: 20.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



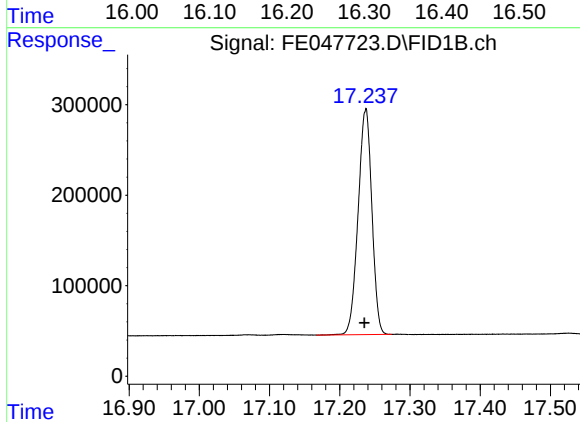
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: -0.001 min
Response: 3301542
Conc: 20.00 ug/ml



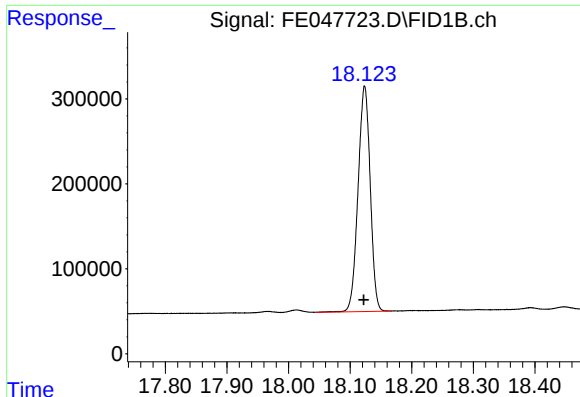
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 3330755
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

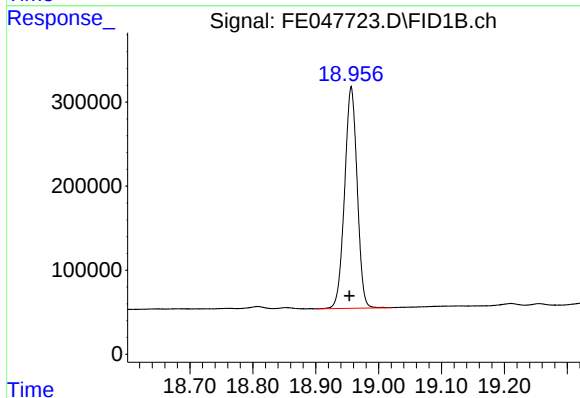
R.T.: 17.237 min
Delta R.T.: 0.002 min
Response: 3395490
Conc: 20.49 ug/ml



#17 n-Tricontane (C30)

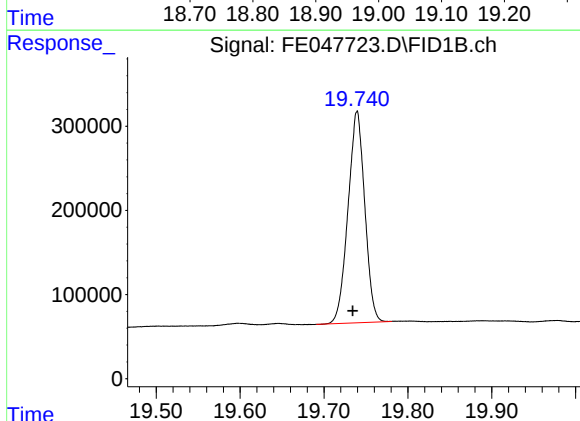
R.T.: 18.124 min
Delta R.T.: 0.001 min
Response: 3637189
Conc: 21.42 ug/ml

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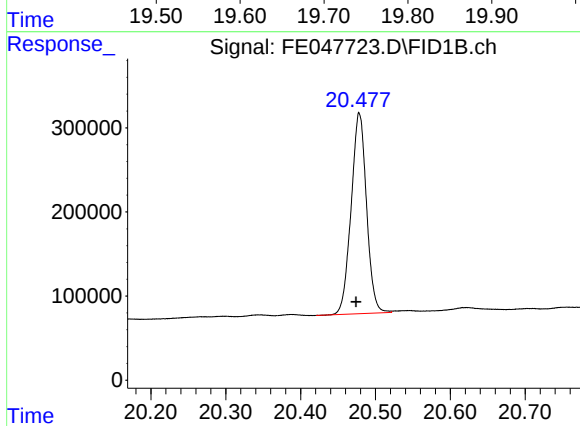
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.003 min
Response: 3660131
Conc: 21.95 ug/ml



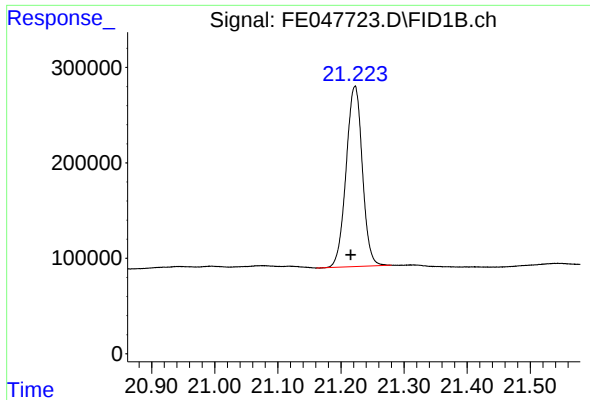
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: 0.005 min
Response: 3487046
Conc: 21.74 ug/ml



#20 n-Hexatriacontane (C36)

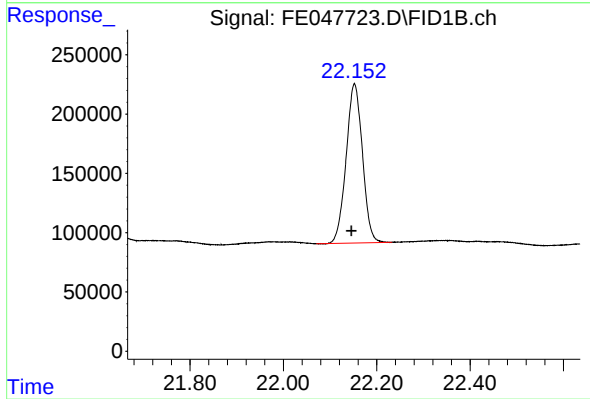
R.T.: 20.478 min
Delta R.T.: 0.004 min
Response: 3410652
Conc: 21.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.007 min
Response: 3373187
Conc: 20.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: 0.006 min
Response: 3255147
Conc: 19.88 ug/ml