

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
 Data File : FE041782.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2023 12:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 09 01:40:49 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)	11.972	3807001	20.292 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
12) S 1-chlorooctadecane (S...	13.408	2783638	19.704 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.350	3030941	20.619 ug/ml
2) T n-Decane (C10)	4.604	3168506	21.126 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3469938	20.968 ug/ml
4) T n-Dodecane (C12)	6.772	3189446	20.977 ug/ml
5) T A~2-methylnaphthalene...	7.407	3381930	20.974 ug/ml
6) T n-Tetradecane (C14)	8.602	3180739	20.939 ug/ml
7) T n-Hexadecane (C16)	10.210	3308845	20.734 ug/ml
8) T n-Octadecane (C18)	11.652	3363612	20.521 ug/ml
10) T n-Eicosane (C20)	12.962	3242000	20.156 ug/ml
11) T n-Heneicosane (C21)	13.575	3194077	20.042 ug/ml
13) T n-Docosane (C22)	14.161	3164381	19.861 ug/ml
14) T n-Tetracosane (C24)	15.265	3145490	19.511 ug/ml
15) T n-Hexacosane (C26)	16.286	3035503	19.200 ug/ml
16) T n-Octacosane (C28)	17.236	2961851	19.249 ug/ml
17) T n-Tricontane (C30)	18.123	3017735	19.814 ug/ml
18) T n-Dotriacontane (C32)	18.956	2955403	19.838 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2860264	20.303 ug/ml
20) T n-Hexatriacontane (C36)	20.481	2734431	20.447 ug/ml
21) T n-Octatriacontane (C38)	21.233	2771089	20.972 ug/ml
22) T n-Tetracontane (C40)	22.171	2747488	21.700 ug/ml

(f)=RT Delta > 1/2 Window

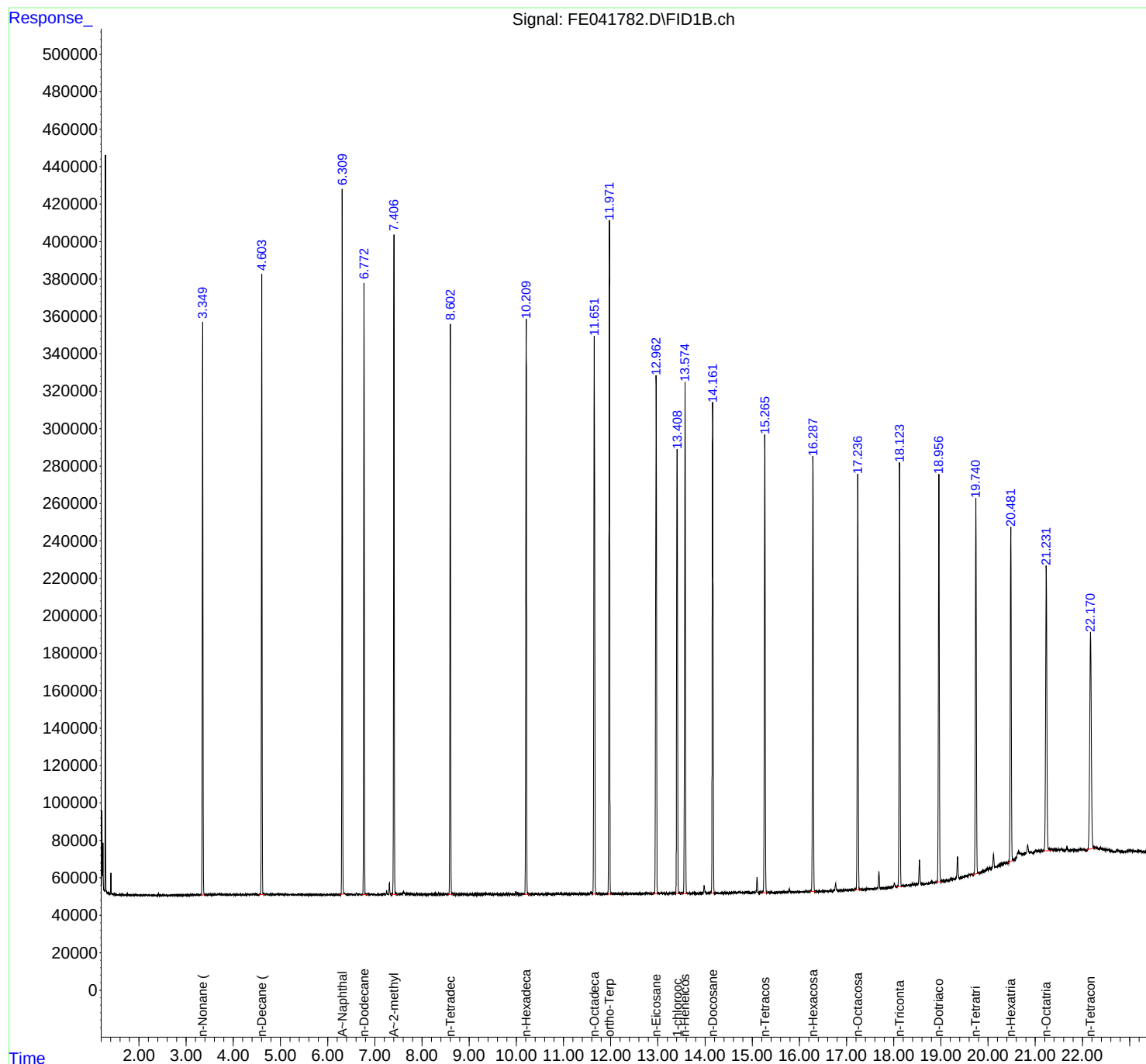
(m)=manual int.

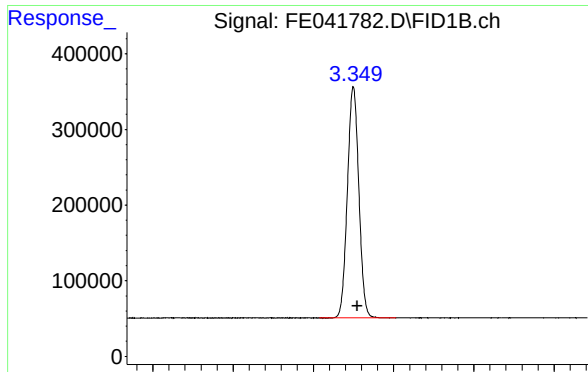
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
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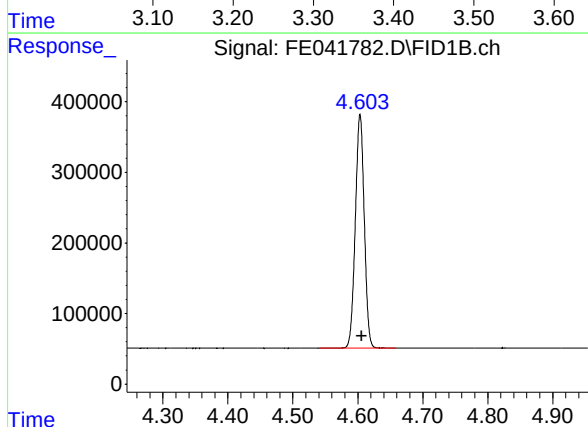




#1 n-Nonane (C9)

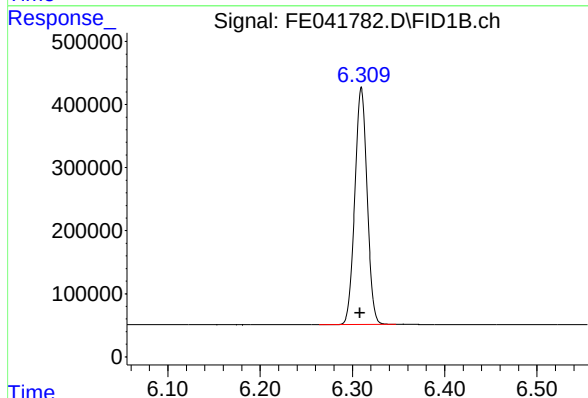
R.T.: 3.350 min
Delta R.T.: -0.005 min
Response: 3030941
Conc: 20.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



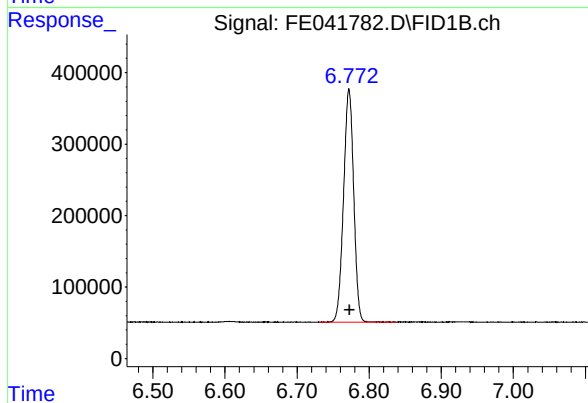
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 3168506
Conc: 21.13 ug/ml



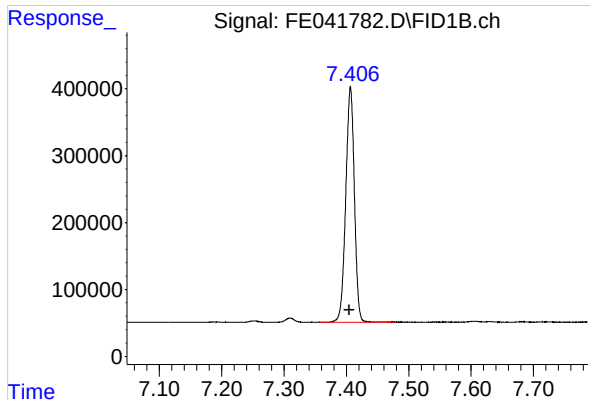
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: 0.002 min
Response: 3469938
Conc: 20.97 ug/ml



#4 n-Dodecane (C12)

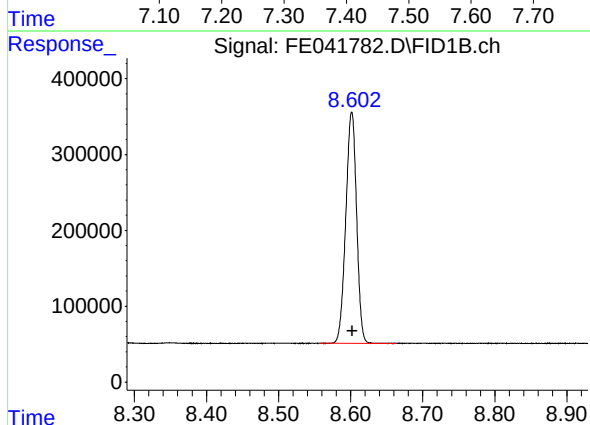
R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 3189446
Conc: 20.98 ug/ml



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

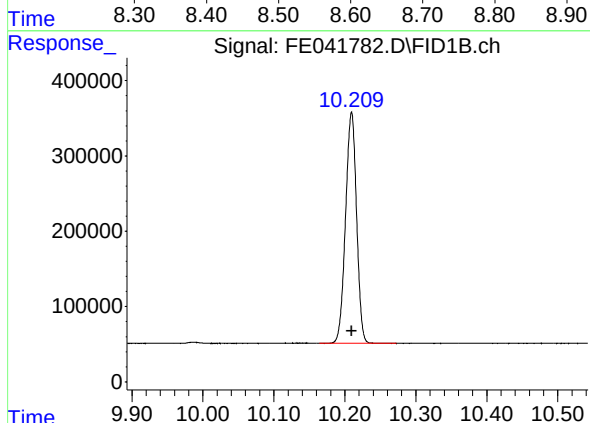
R.T.: 7.407 min
Delta R.T.: 0.002 min
Response: 3381930
Conc: 20.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



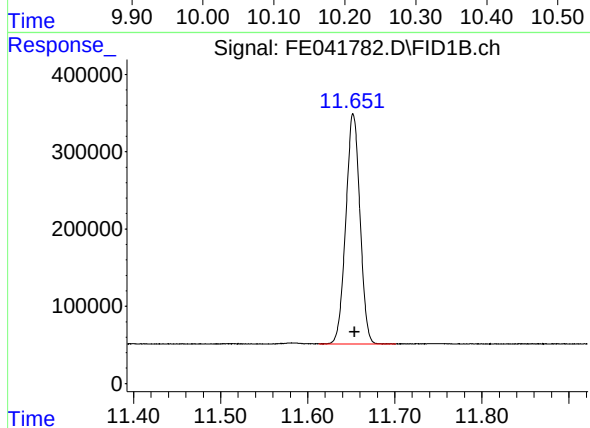
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 3180739
Conc: 20.94 ug/ml



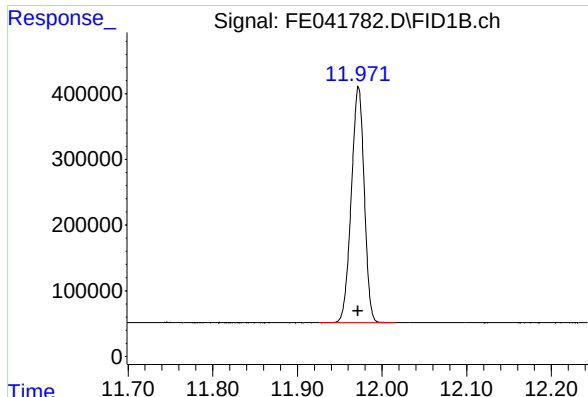
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.000 min
Response: 3308845
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

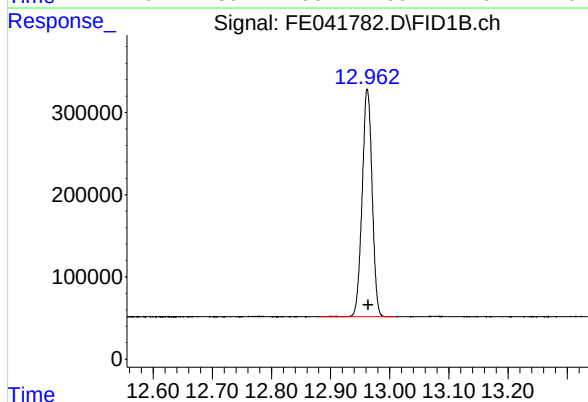
R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 3363612
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

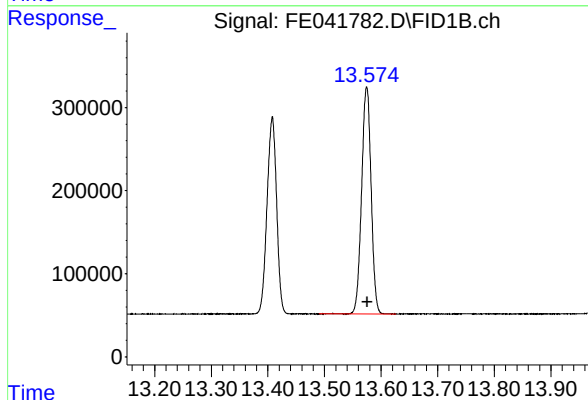
R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 3807001
Conc: 20.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



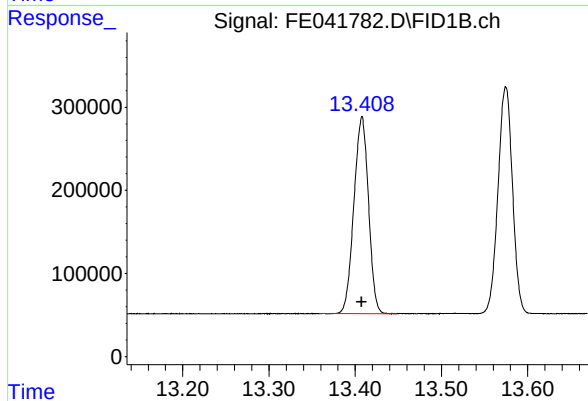
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 3242000
Conc: 20.16 ug/ml



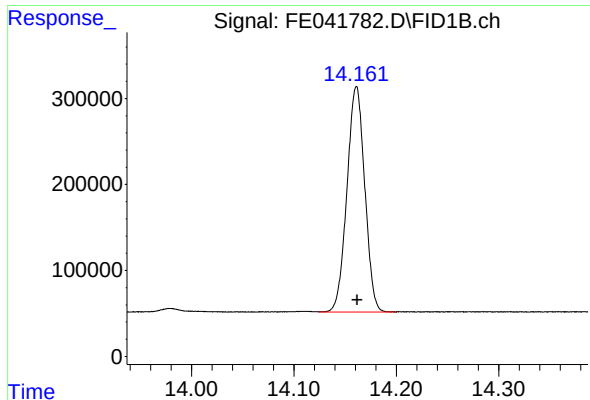
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.001 min
Response: 3194077
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

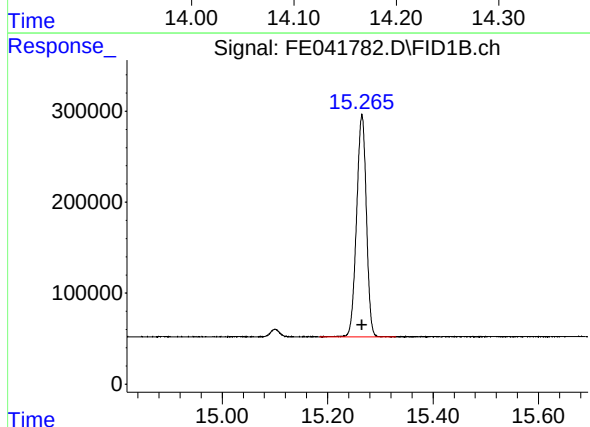
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2783638
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

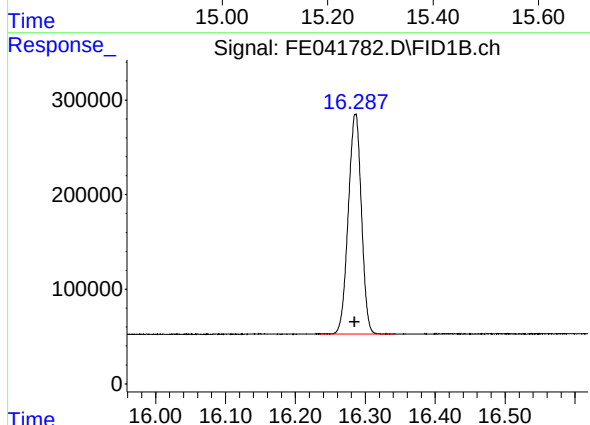
R.T.: 14.161 min
Delta R.T.: 0.000 min
Response: 3164381
Conc: 19.86 ug/ml

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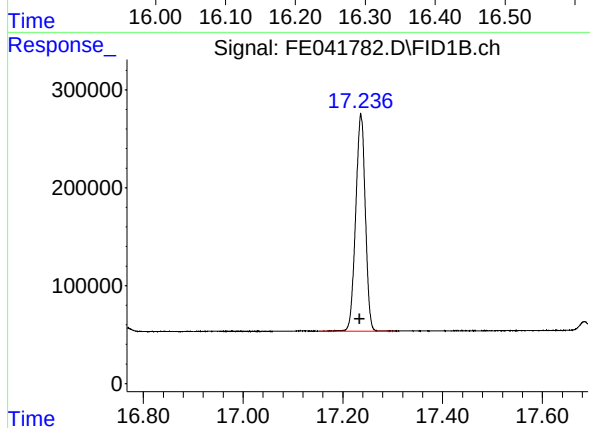
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 3145490
Conc: 19.51 ug/ml



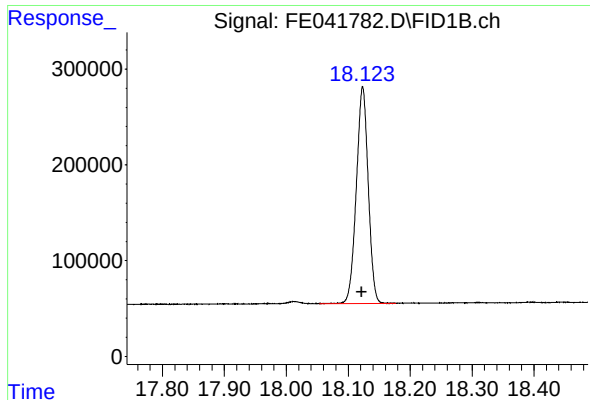
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.001 min
Response: 3035503
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

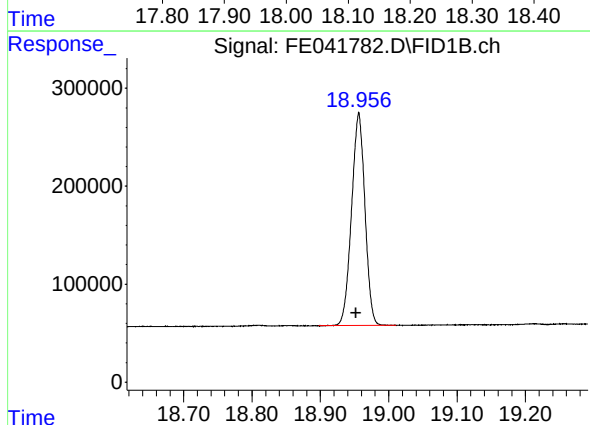
R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 2961851
Conc: 19.25 ug/ml



#17 n-Tricontane (C30)

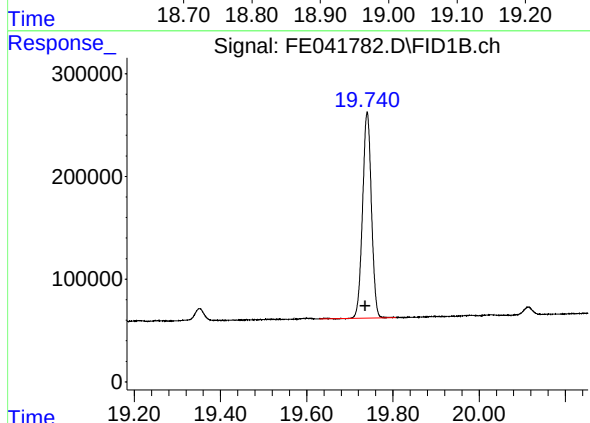
R.T.: 18.123 min
Delta R.T.: 0.002 min
Response: 3017735
Conc: 19.81 ug/ml

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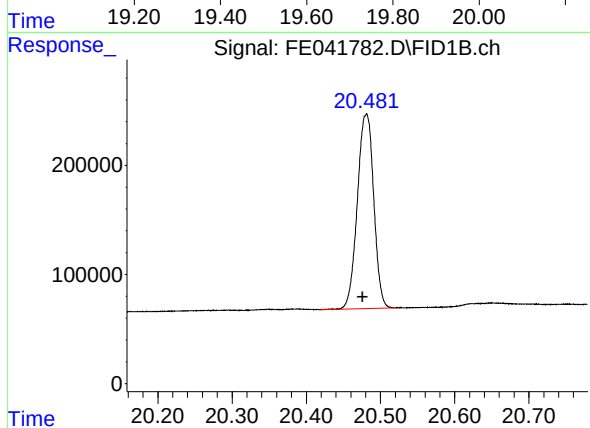
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.004 min
Response: 2955403
Conc: 19.84 ug/ml



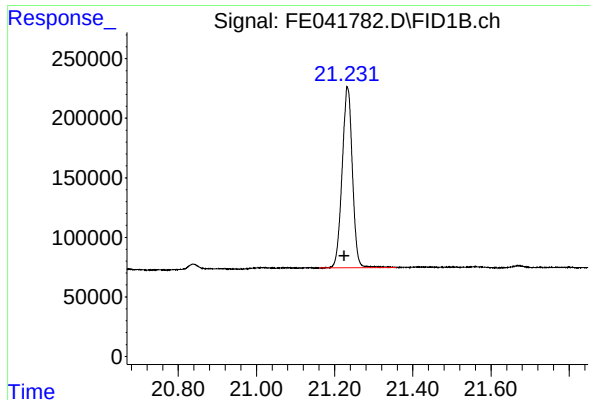
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.004 min
Response: 2860264
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

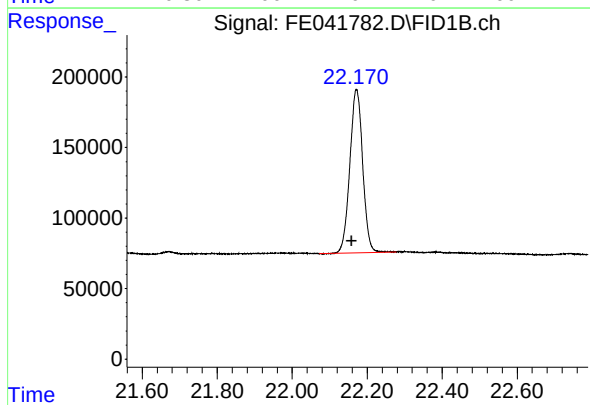
R.T.: 20.481 min
Delta R.T.: 0.005 min
Response: 2734431
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.008 min
Response: 2771089
Conc: 20.97 ug/ml

Instrument :
FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.012 min
Response: 2747488
Conc: 21.70 ug/ml