

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072523AL\
 Data File : FE043501.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2023 13:32
 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: Jul 26 02:04:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.883	3578074	19.982 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	13.320	2616431	19.913 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.263	2953459	19.344 ug/ml
2) T n-Decane (C10)	4.516	3063366	19.650 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3145189	19.546 ug/ml
4) T n-Dodecane (C12)	6.686	3089749	19.608 ug/ml
5) T A~2-methylnaphthalene...	7.323	2971773	19.585 ug/ml
6) T n-Tetradecane (C14)	8.515	3093417	19.558 ug/ml
7) T n-Hexadecane (C16)	10.122	3181552	19.659 ug/ml
8) T n-Octadecane (C18)	11.565	3228179	19.803 ug/ml
10) T n-Eicosane (C20)	12.874	3095734	19.925 ug/ml
11) T n-Heneicosane (C21)	13.486	3031978	20.013 ug/ml
13) T n-Docosane (C22)	14.072	2988116	19.994 ug/ml
14) T n-Tetracosane (C24)	15.175	2940121	20.020 ug/ml
15) T n-Hexacosane (C26)	16.196	2869180	20.145 ug/ml
16) T n-Octacosane (C28)	17.145	2841586	20.195 ug/ml
17) T n-Tricontane (C30)	18.032	3004630	20.396 ug/ml
18) T n-Dotriacontane (C32)	18.864	3040096	20.516 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2930213	20.303 ug/ml
20) T n-Hexatriacontane (C36)	20.387	2789164	18.977 ug/ml
21) T n-Octatriacontane (C38)	21.123	2702986	18.948 ug/ml
22) T n-Tetracontane (C40)	22.026	2676483	18.135 ug/ml

(f)=RT Delta > 1/2 Window

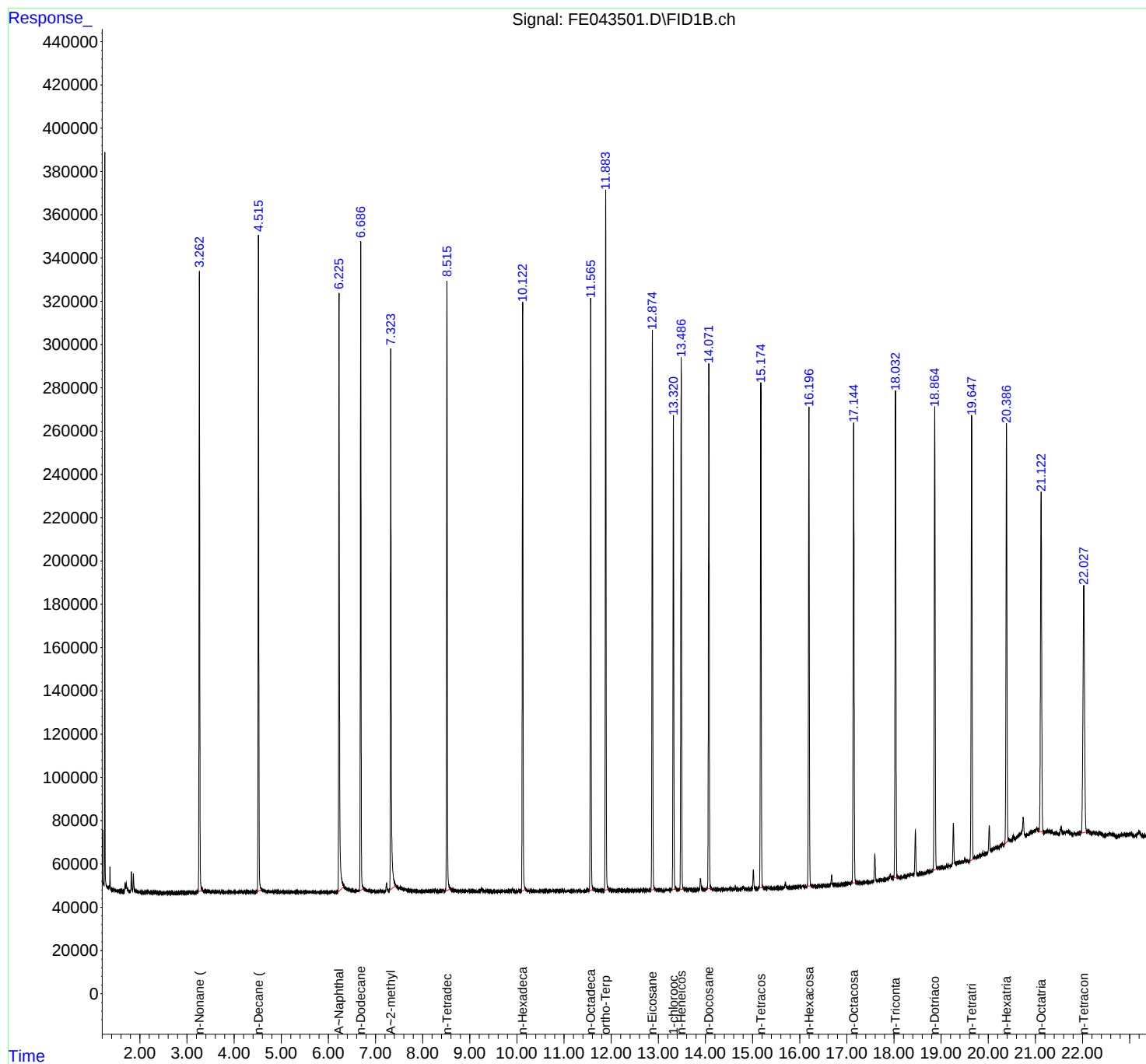
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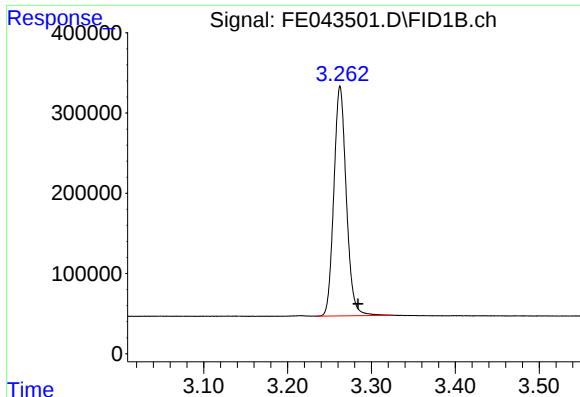
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072523AL\
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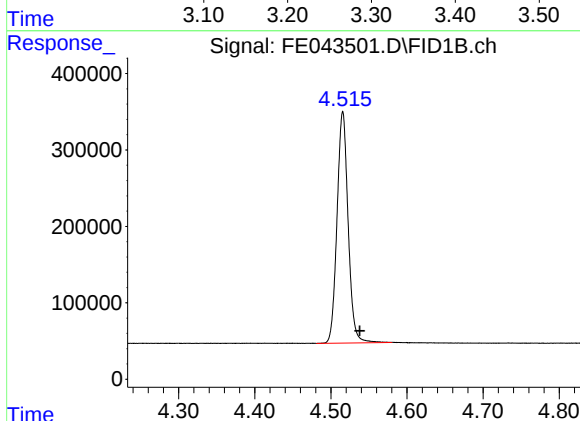




#1 n-Nonane (C9)

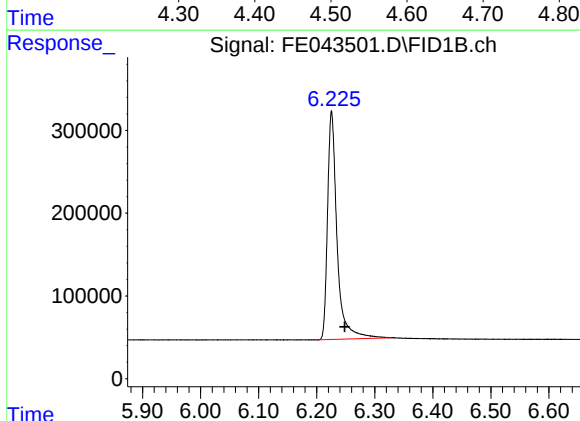
R.T.: 3.263 min
Delta R.T.: -0.021 min
Response: 2953459
Conc: 19.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



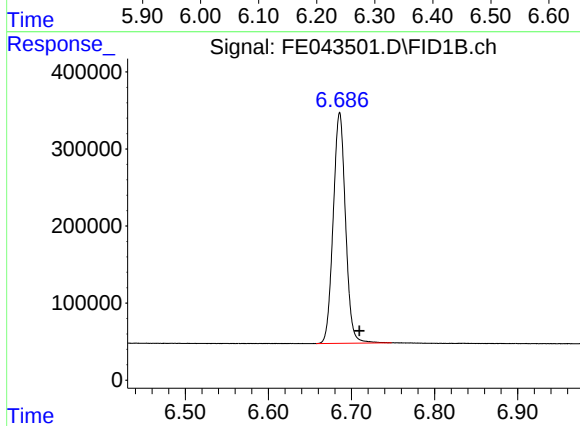
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.022 min
Response: 3063366
Conc: 19.65 ug/ml



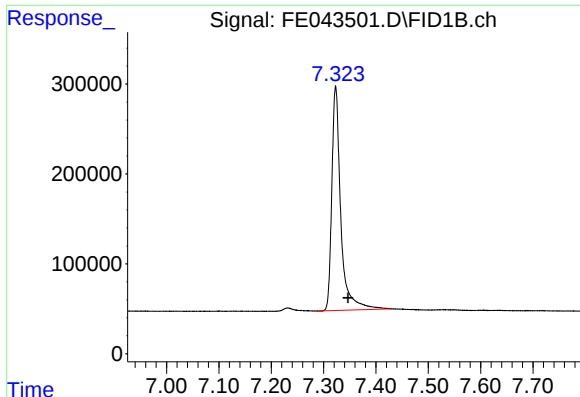
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.022 min
Response: 3145189
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

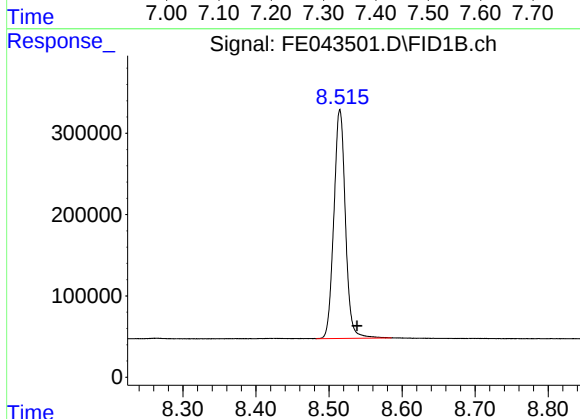
R.T.: 6.686 min
Delta R.T.: -0.024 min
Response: 3089749
Conc: 19.61 ug/ml



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

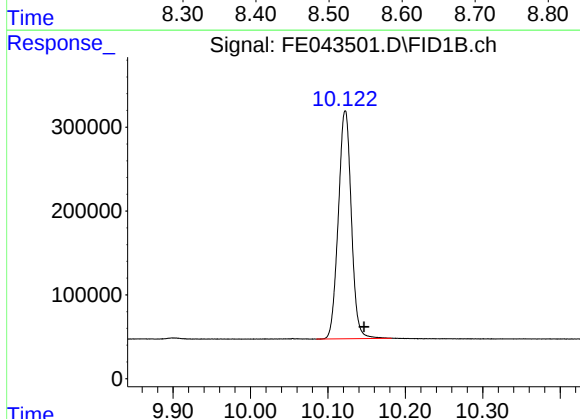
R.T.: 7.323 min
Delta R.T.: -0.023 min
Response: 2971773
Conc: 19.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



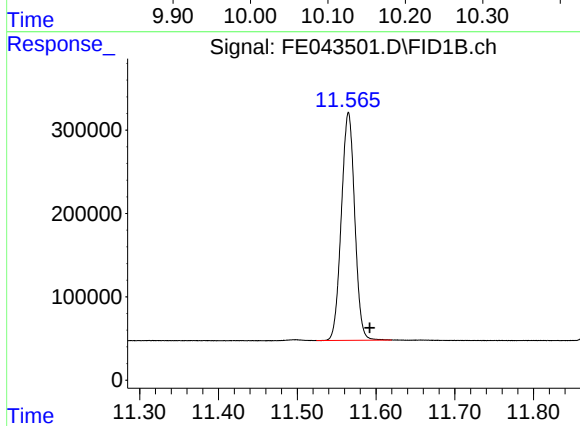
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.023 min
Response: 3093417
Conc: 19.56 ug/ml



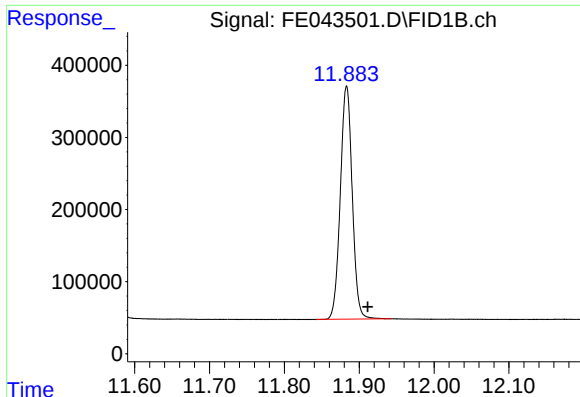
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.024 min
Response: 3181552
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

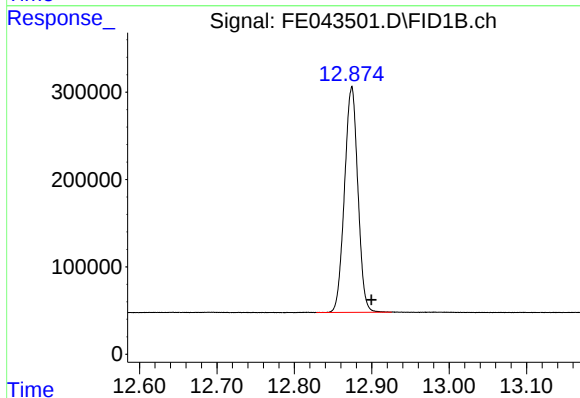
R.T.: 11.565 min
Delta R.T.: -0.027 min
Response: 3228179
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

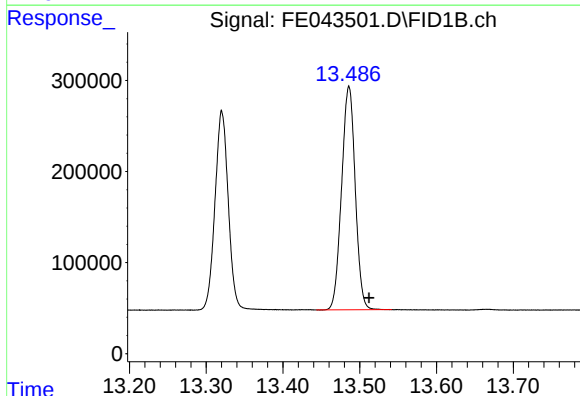
R.T.: 11.883 min
Delta R.T.: -0.028 min
Response: 3578074
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



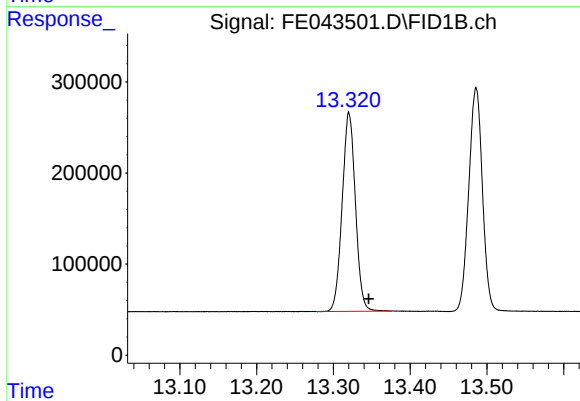
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.025 min
Response: 3095734
Conc: 19.93 ug/ml



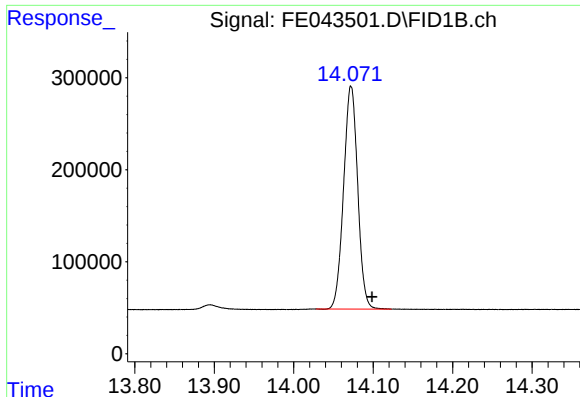
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.026 min
Response: 3031978
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

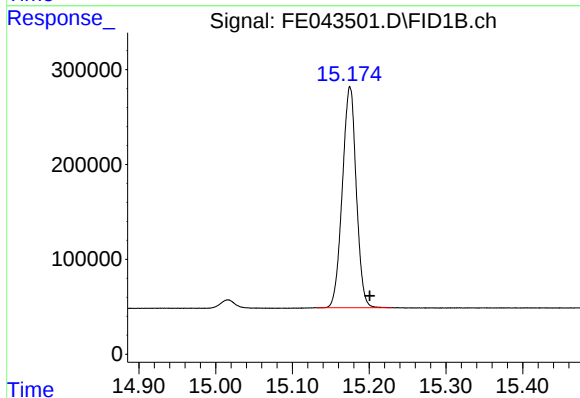
R.T.: 13.320 min
Delta R.T.: -0.026 min
Response: 2616431
Conc: 19.91 ug/ml



#13 n-Docosane (C22)

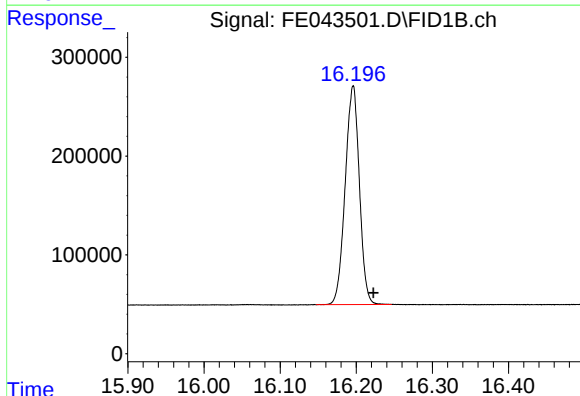
R.T.: 14.072 min
Delta R.T.: -0.026 min
Response: 2988116
Conc: 19.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



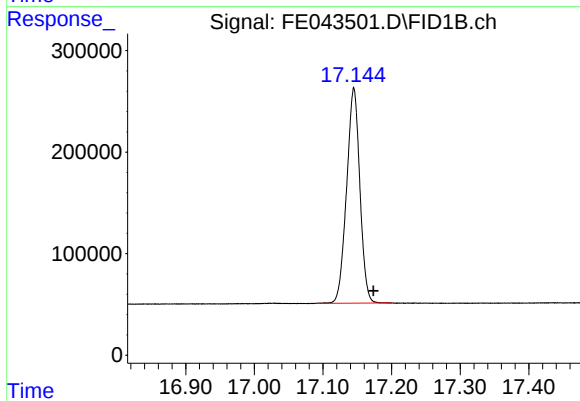
#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: -0.026 min
Response: 2940121
Conc: 20.02 ug/ml



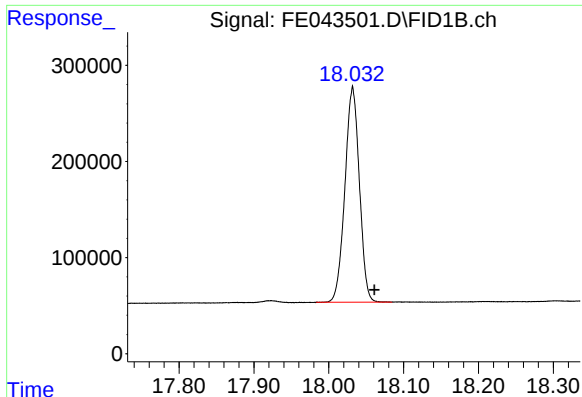
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.027 min
Response: 2869180
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

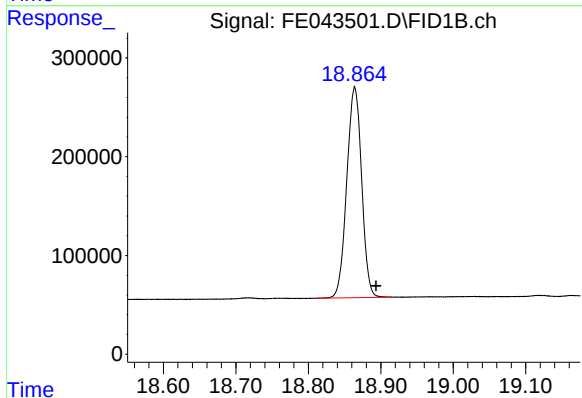
R.T.: 17.145 min
Delta R.T.: -0.028 min
Response: 2841586
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

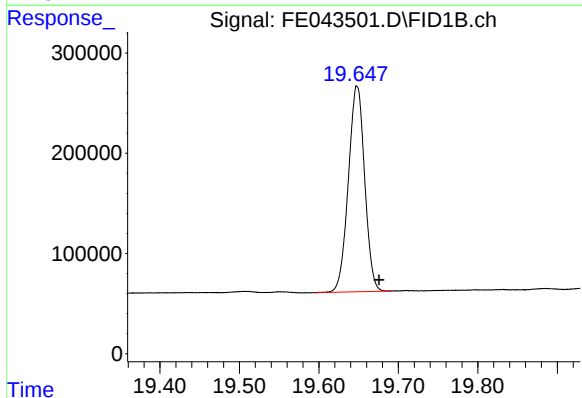
R.T.: 18.032 min
Delta R.T.: -0.029 min
Response: 3004630
Conc: 20.40 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



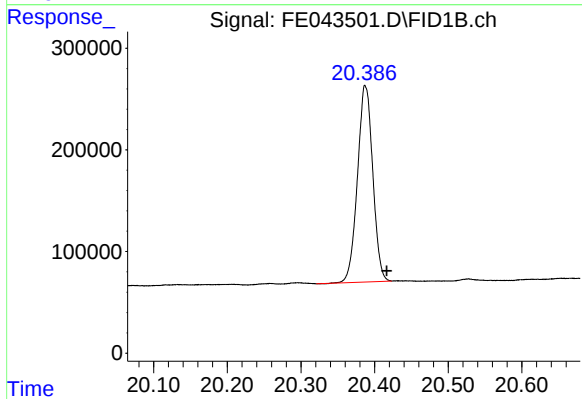
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.030 min
Response: 3040096
Conc: 20.52 ug/ml



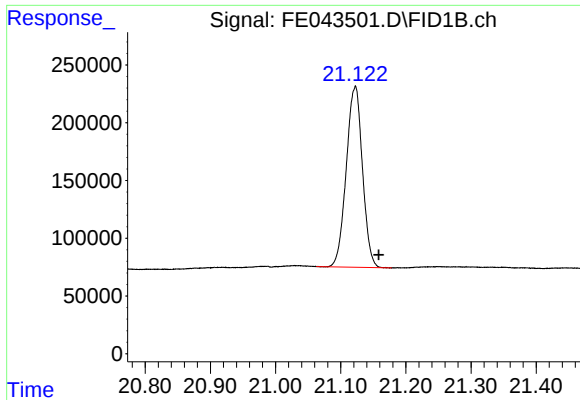
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.028 min
Response: 2930213
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

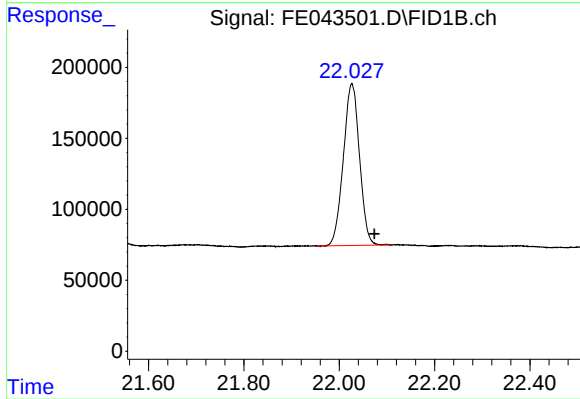
R.T.: 20.387 min
Delta R.T.: -0.029 min
Response: 2789164
Conc: 18.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.036 min
Response: 2702986
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: -0.048 min
Response: 2676483
Conc: 18.14 ug/ml