

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041824AL\
 Data File : FE047694.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2024 22:35
 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 19 01:26:16 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)	11.976	3407192	19.644 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	13.409	2641254	19.638 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.358	3042205	19.445 ug/ml
2) T n-Decane (C10)	4.610	3130031	19.475 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3301891	19.474 ug/ml
4) T n-Dodecane (C12)	6.776	3148677	19.399 ug/ml
5) T A~2-methylnaphthalene...	7.413	3187254	19.408 ug/ml
6) T n-Tetradecane (C14)	8.604	3139717	19.517 ug/ml
7) T n-Hexadecane (C16)	10.212	3254142	19.594 ug/ml
8) T n-Octadecane (C18)	11.655	3307303	19.722 ug/ml
10) T n-Eicosane (C20)	12.964	3180743	19.634 ug/ml
11) T n-Heneicosane (C21)	13.576	3118565	19.654 ug/ml
13) T n-Docosane (C22)	14.161	3144533	19.594 ug/ml
14) T n-Tetracosane (C24)	15.264	3203002	19.405 ug/ml
15) T n-Hexacosane (C26)	16.285	3227553	19.526 ug/ml
16) T n-Octacosane (C28)	17.234	3272795	19.749 ug/ml
17) T n-Tricontane (C30)	18.120	3456871	20.361 ug/ml
18) T n-Dotriacontane (C32)	18.951	3487433	20.914 ug/ml
19) T n-Tetratriacontane (C34)	19.734	3354865	20.917 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3284184	20.591 ug/ml
21) T n-Octatriacontane (C38)	21.216	3261881	20.070 ug/ml
22) T n-Tetracontane (C40)	22.142	3222119	19.680 ug/ml

(f)=RT Delta > 1/2 Window

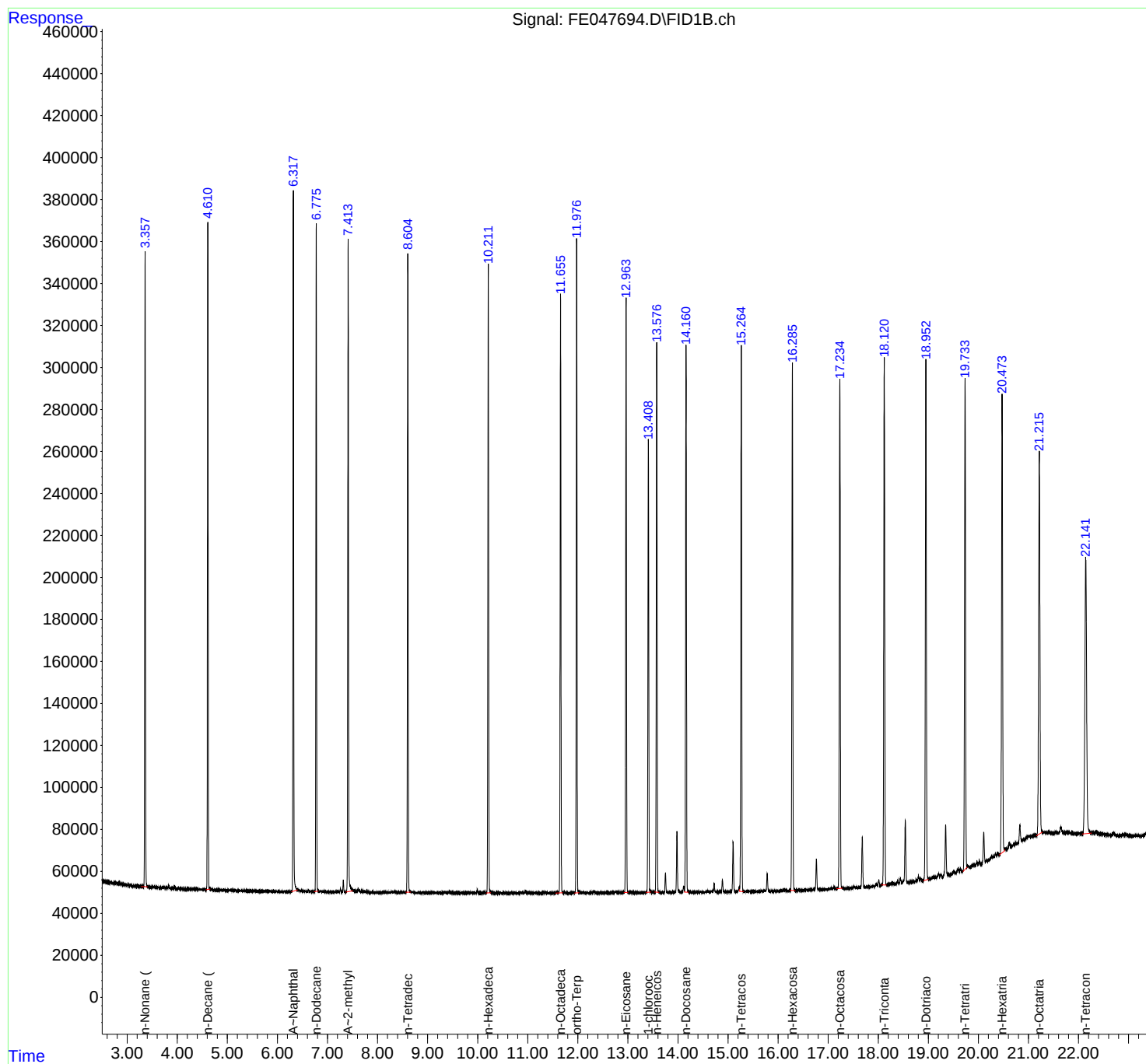
(m)=manual int.

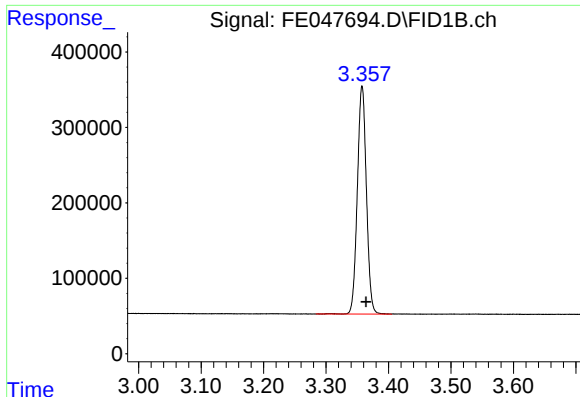
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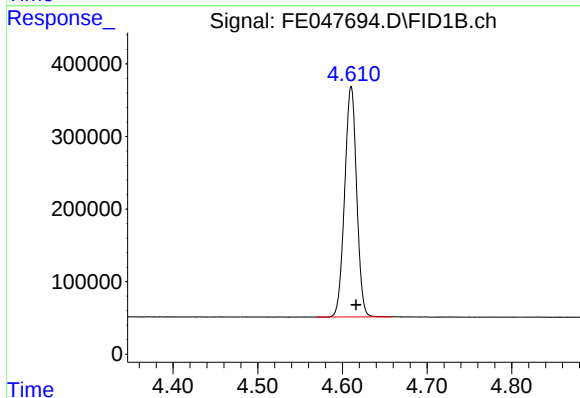




#1 n-Nonane (C9)

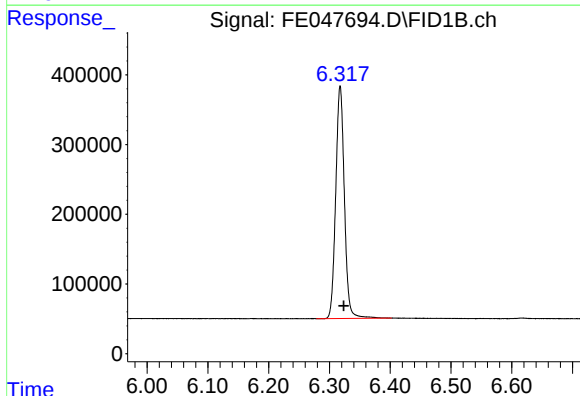
R.T.: 3.358 min
Delta R.T.: -0.006 min
Response: 3042205
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



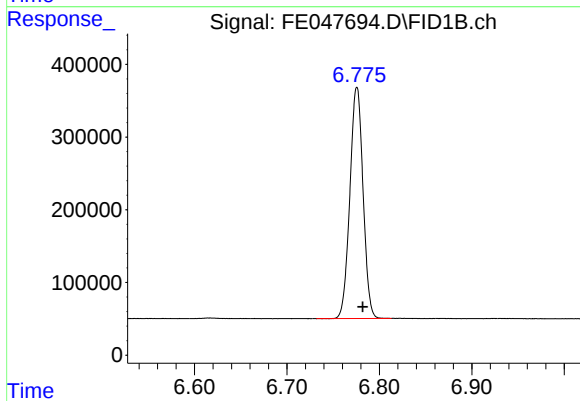
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.006 min
Response: 3130031
Conc: 19.48 ug/ml



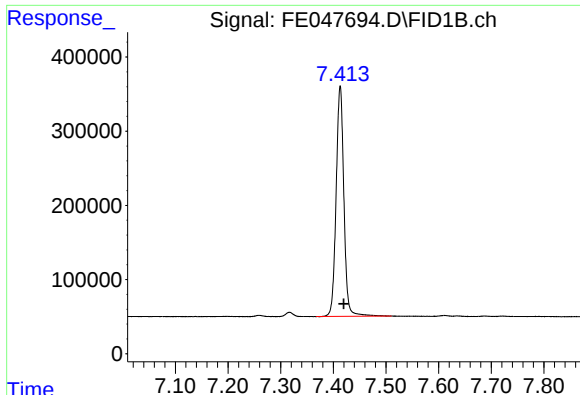
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.006 min
Response: 3301891
Conc: 19.47 ug/ml



#4 n-Dodecane (C12)

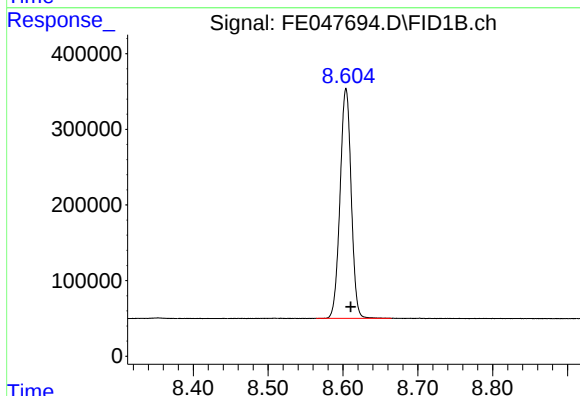
R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 3148677
Conc: 19.40 ug/ml



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

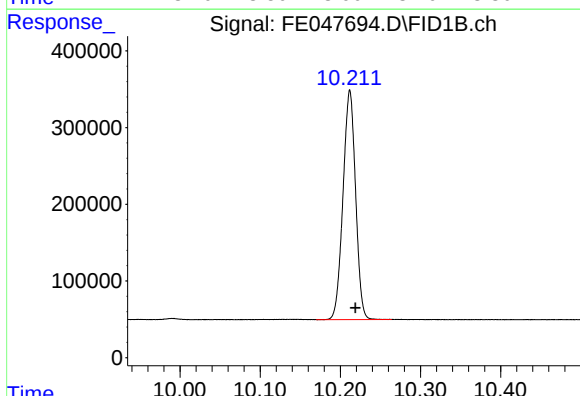
R.T.: 7.413 min
Delta R.T.: -0.006 min
Response: 3187254
Conc: 19.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



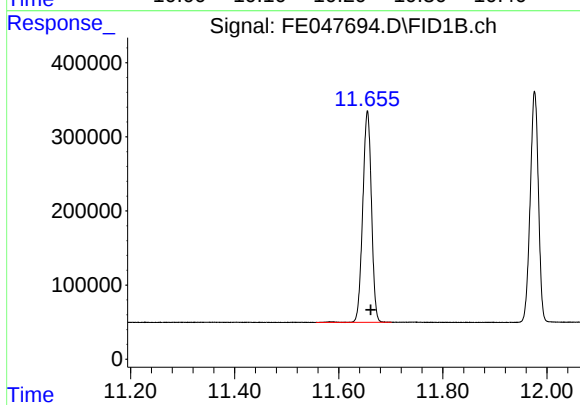
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 3139717
Conc: 19.52 ug/ml



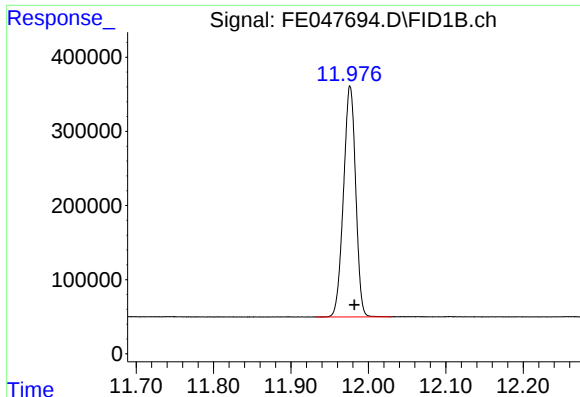
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.007 min
Response: 3254142
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

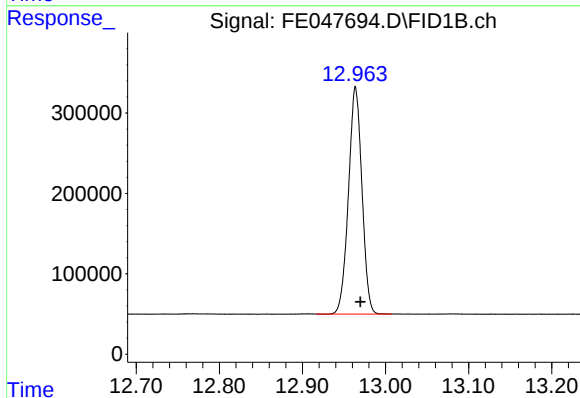
R.T.: 11.655 min
Delta R.T.: -0.006 min
Response: 3307303
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

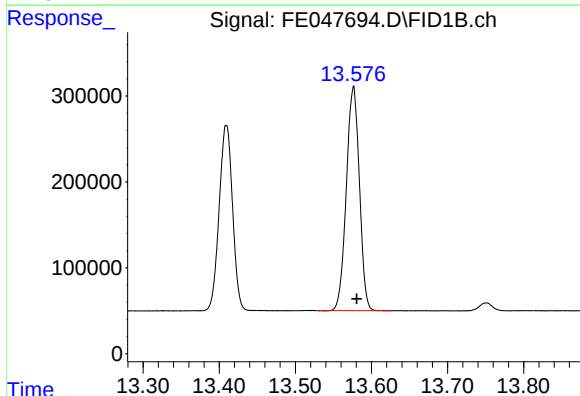
R.T.: 11.976 min
Delta R.T.: -0.006 min
Response: 3407192
Conc: 19.64 ug/ml

Instrument :
FID_E
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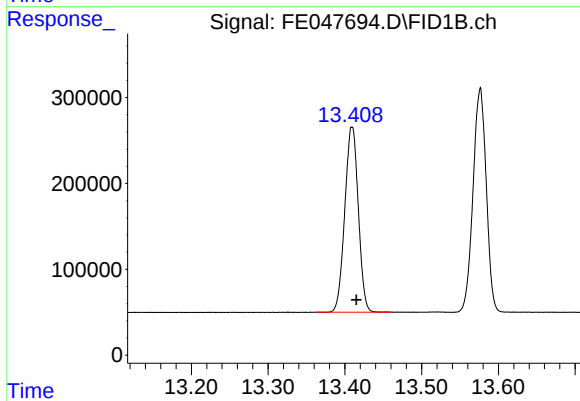
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.006 min
Response: 3180743
Conc: 19.63 ug/ml



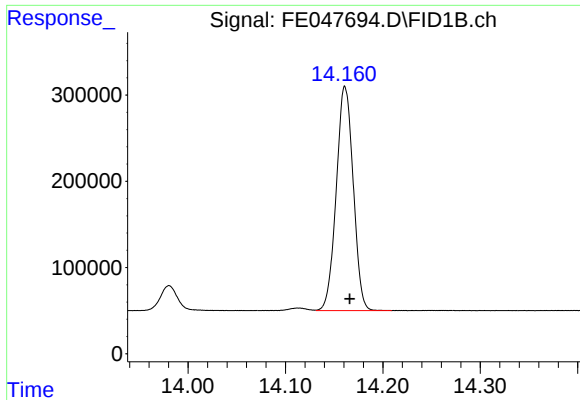
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: -0.004 min
Response: 3118565
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURR)

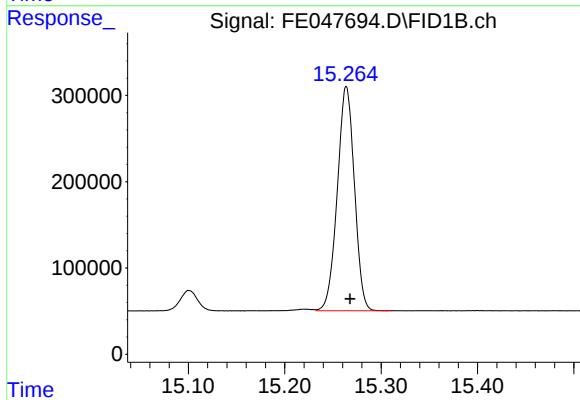
R.T.: 13.409 min
Delta R.T.: -0.006 min
Response: 2641254
Conc: 19.64 ug/ml



#13 n-Docosane (C22)

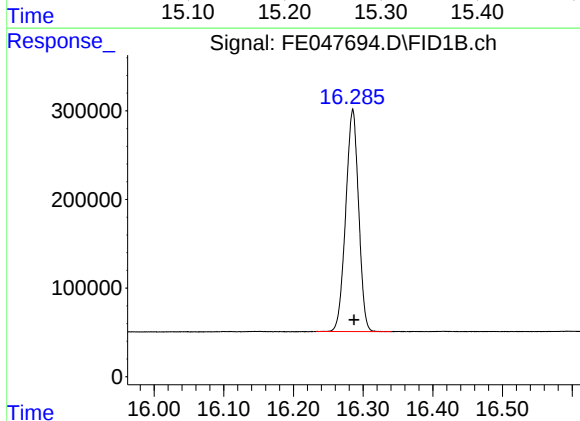
R.T.: 14.161 min
Delta R.T.: -0.005 min
Response: 3144533
Conc: 19.59 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



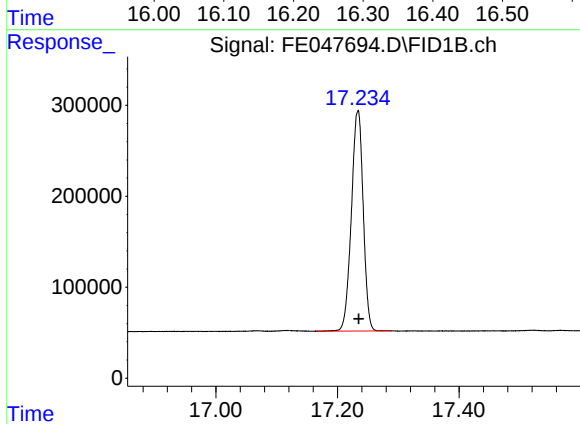
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.004 min
Response: 3203002
Conc: 19.40 ug/ml



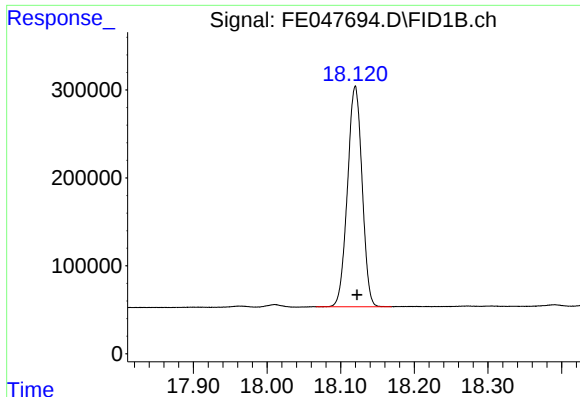
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.002 min
Response: 3227553
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

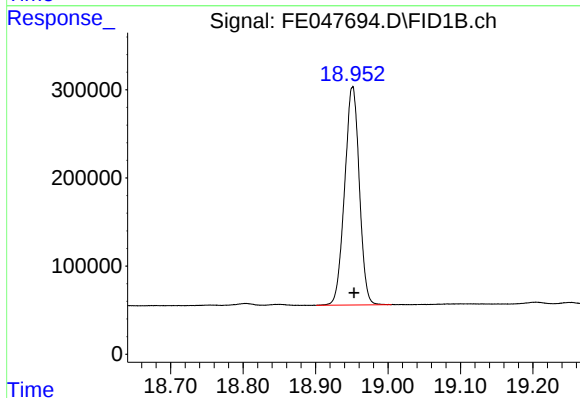
R.T.: 17.234 min
Delta R.T.: -0.001 min
Response: 3272795
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

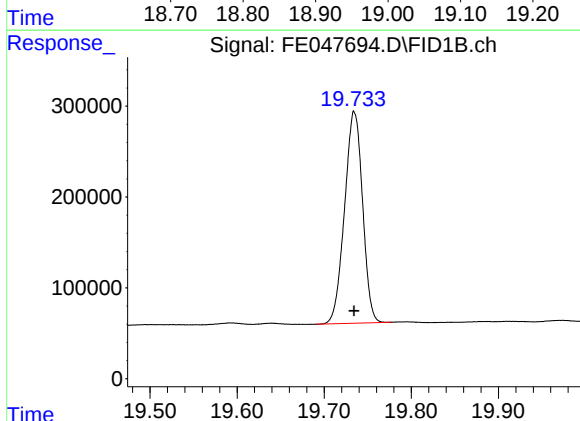
R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 3456871
Conc: 20.36 ug/ml

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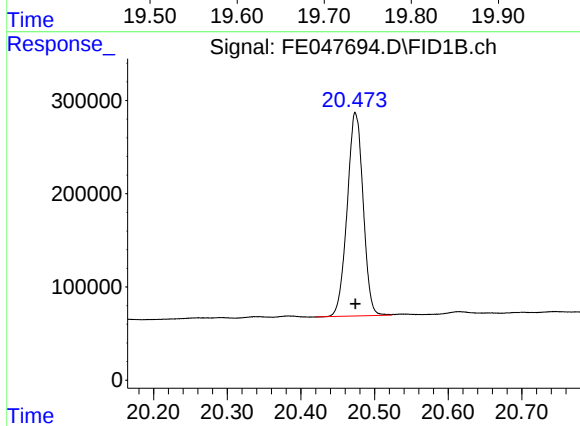
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.002 min
Response: 3487433
Conc: 20.91 ug/ml



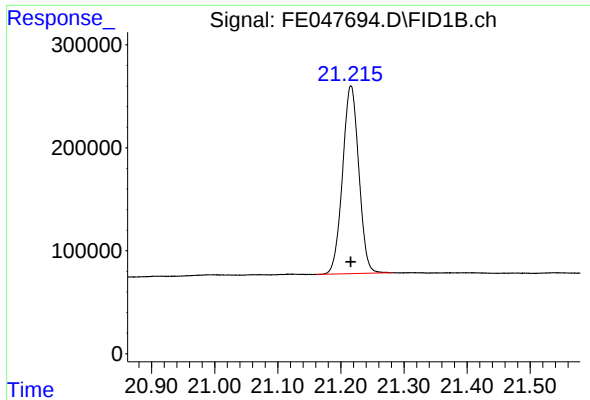
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.000 min
Response: 3354865
Conc: 20.92 ug/ml



#20 n-Hexatriacontane (C36)

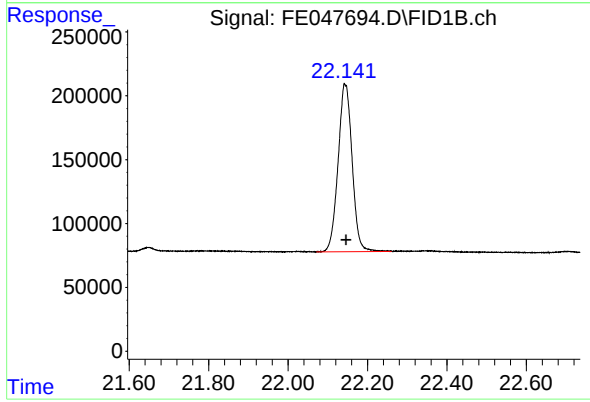
R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 3284184
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.000 min
Response: 3261881
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.004 min
Response: 3222119
Conc: 19.68 ug/ml