

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049979.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 16:46
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 09 17:11:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:10:51 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)	11.876	807033	5.424 ug/ml
Spiked Amount 50.000		Recovery =	10.85%
12) S 1-chlorooctadecane (S...	13.312	597820	5.322 ug/ml
Spiked Amount 50.000		Recovery =	10.64%
Target Compounds			
1) T n-Nonane (C9)	3.266	731632	5.398 ug/ml
2) T n-Decane (C10)	4.517	743962	5.391 ug/ml
3) T A~Naphthalene (C11.7)	6.227	711117	5.081 ug/ml
4) T n-Dodecane (C12)	6.684	740413	5.354 ug/ml
5) T A~2-methylnaphthalene...	7.323	663752	5.050 ug/ml
6) T n-Tetradecane (C14)	8.511	733808	5.389 ug/ml
7) T n-Hexadecane (C16)	10.117	740547	5.331 ug/ml
8) T n-Octadecane (C18)	11.559	754652	5.386 ug/ml
10) T n-Eicosane (C20)	12.866	726221	5.414 ug/ml
11) T n-Heneicosane (C21)	13.477	709502	5.400 ug/ml
13) T n-Docosane (C22)	14.063	702945	5.398 ug/ml
14) T n-Tetracosane (C24)	15.164	718436	5.501 ug/ml
15) T n-Hexacosane (C26)	16.184	692601	5.414 ug/ml
16) T n-Octacosane (C28)	17.133	711169	5.521 ug/ml
17) T n-Tricontane (C30)	18.020	748840	5.600 ug/ml
18) T n-Dotriacontane (C32)	18.851	755185	5.667 ug/ml
19) T n-Tetratriacontane (C34)	19.634	697486	5.645 ug/ml
20) T n-Hexatriacontane (C36)	20.374	619117	5.580 ug/ml
21) T n-Octatriacontane (C38)	21.101	604714	5.483 ug/ml
22) T n-Tetracontane (C40)	21.992	587334	5.398 ug/ml

(f)=RT Delta > 1/2 Window

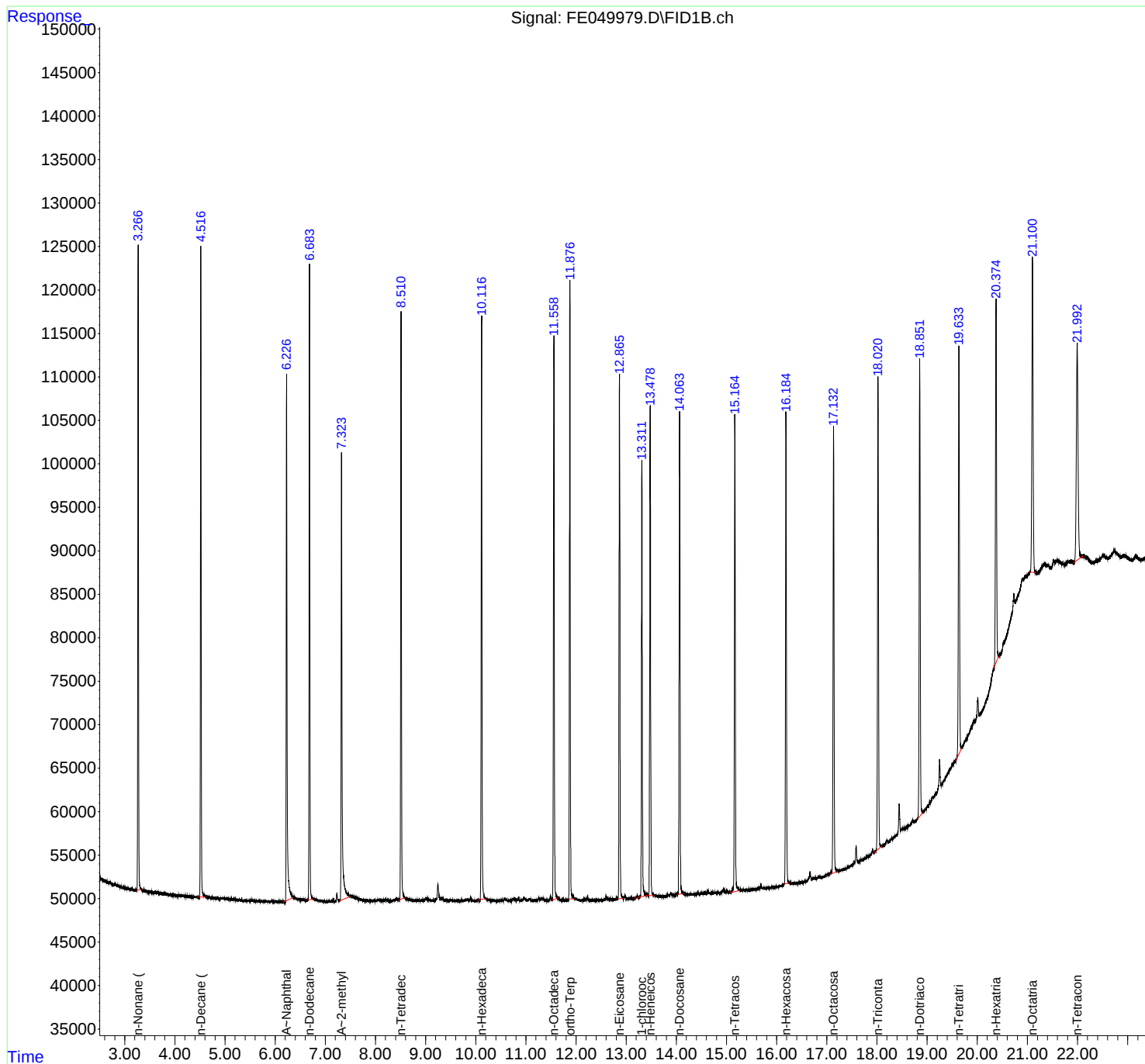
(m)=manual int.

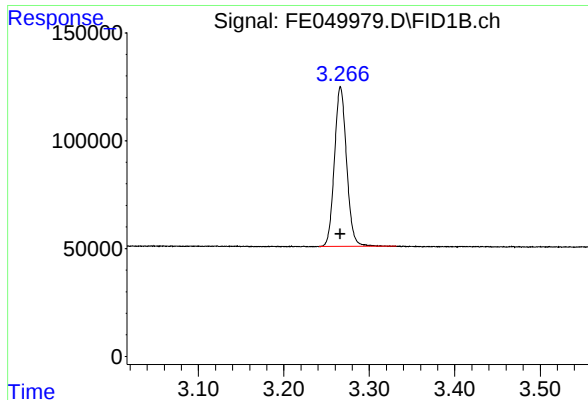
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
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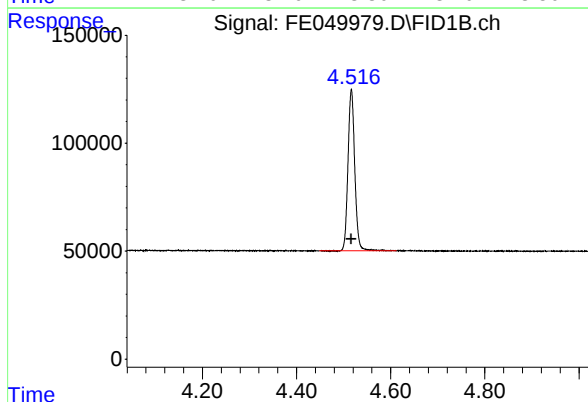




#1 n-Nonane (C9)

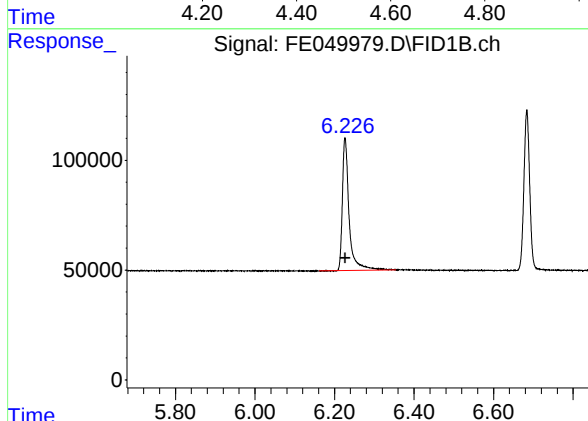
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 731632
Conc: 5.40 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



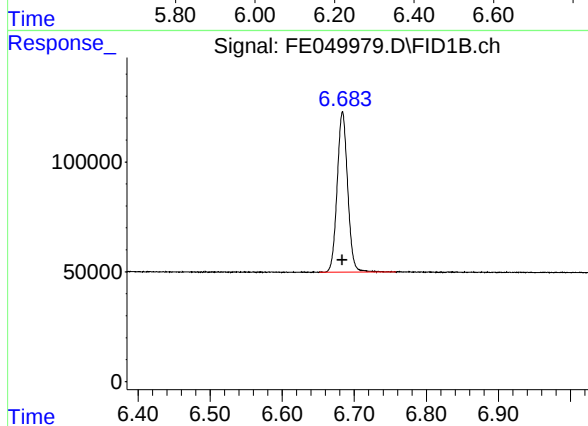
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 743962
Conc: 5.39 ug/ml



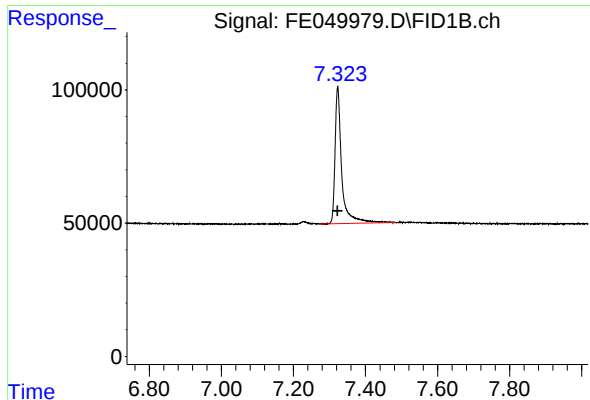
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 711117
Conc: 5.08 ug/ml



#4 n-Dodecane (C12)

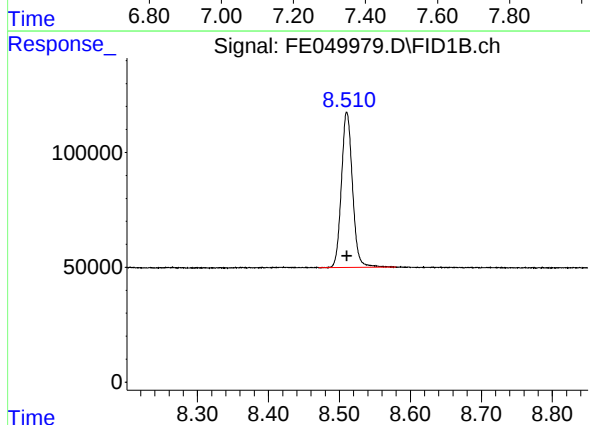
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 740413
Conc: 5.35 ug/ml



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

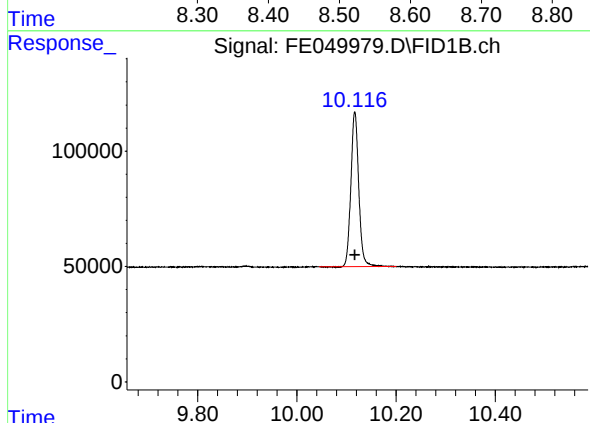
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 663752
Conc: 5.05 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



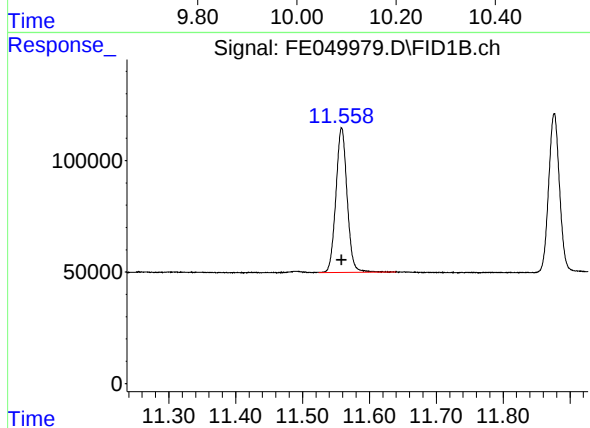
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 733808
Conc: 5.39 ug/ml



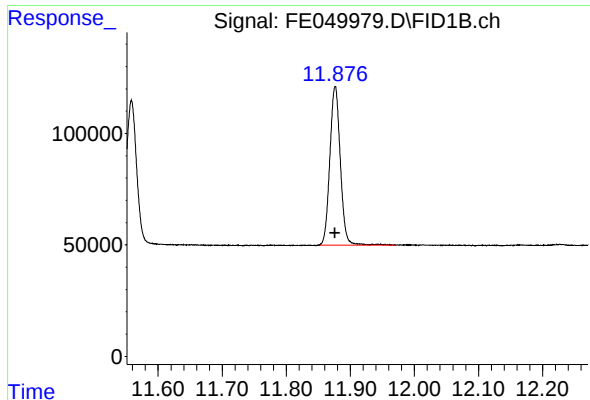
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 740547
Conc: 5.33 ug/ml



#8 n-Octadecane (C18)

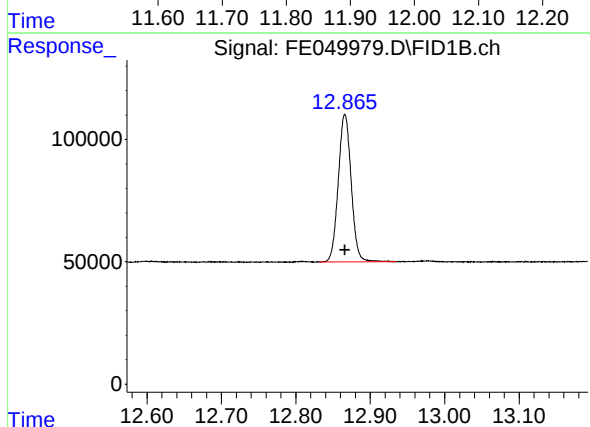
R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 754652
Conc: 5.39 ug/ml



#9 ortho-Terphenyl (SURR)

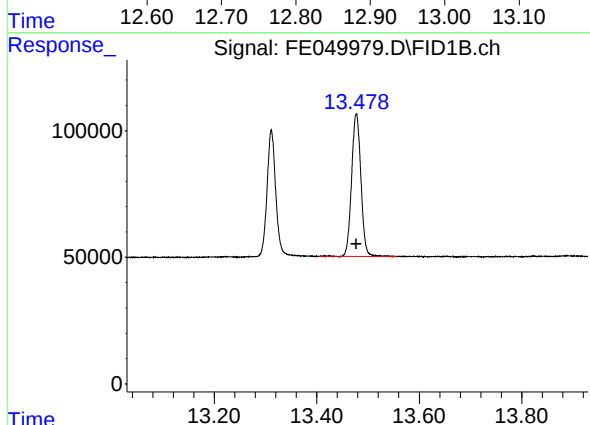
R.T.: 11.876 min
Delta R.T.: 0.000 min
Response: 807033
Conc: 5.42 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



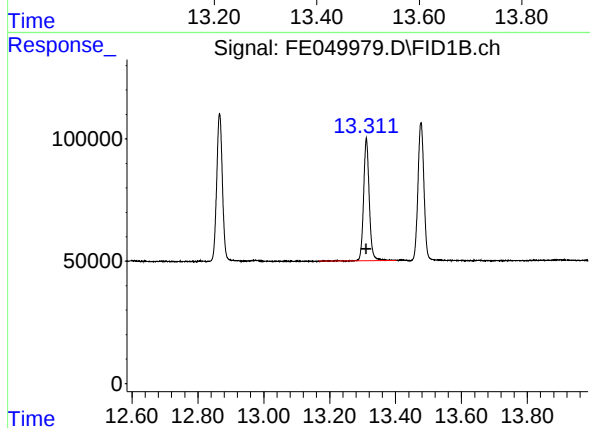
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 726221
Conc: 5.41 ug/ml



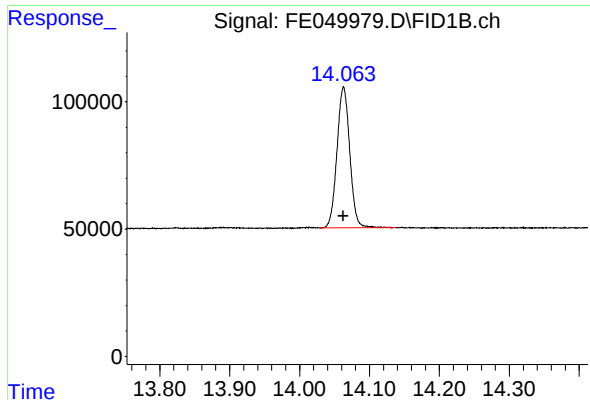
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.000 min
Response: 709502
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

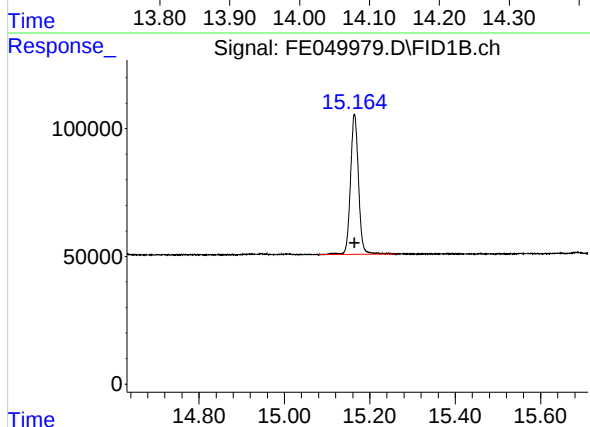
R.T.: 13.312 min
Delta R.T.: 0.000 min
Response: 597820
Conc: 5.32 ug/ml



#13 n-Docosane (C22)

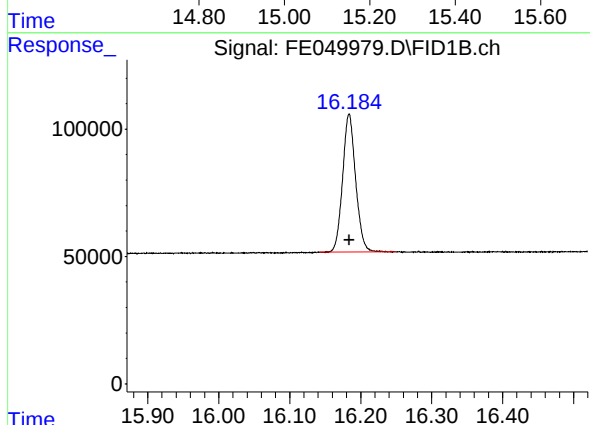
R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 702945
Conc: 5.40 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



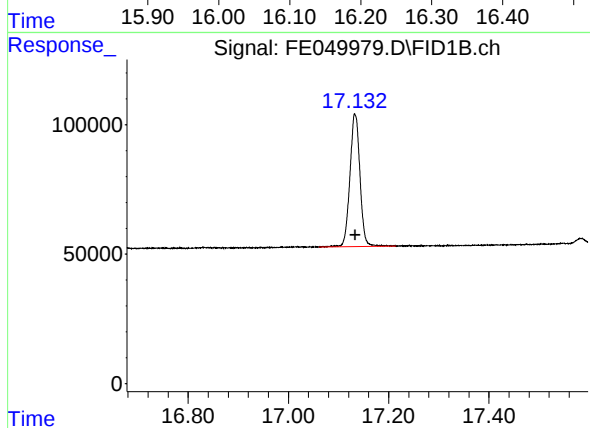
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.000 min
Response: 718436
Conc: 5.50 ug/ml



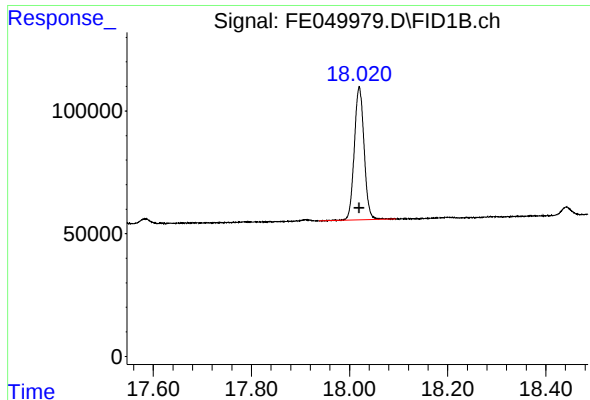
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: 0.000 min
Response: 692601
Conc: 5.41 ug/ml



#16 n-Octacosane (C28)

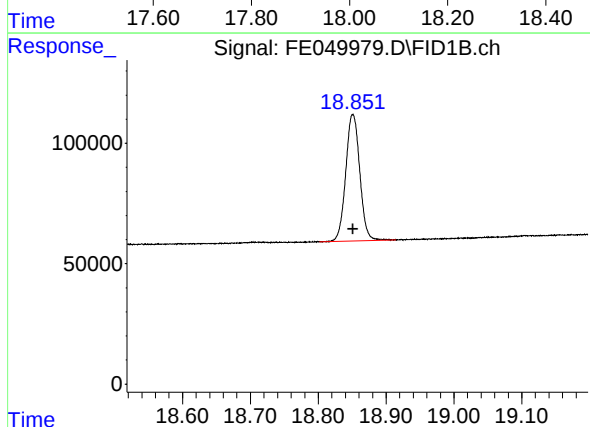
R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 711169
Conc: 5.52 ug/ml



#17 n-Tricontane (C30)

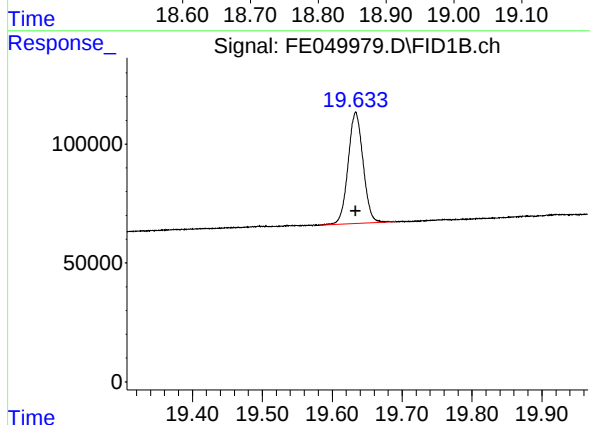
R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 748840
Conc: 5.60 ug/ml

Instrument :
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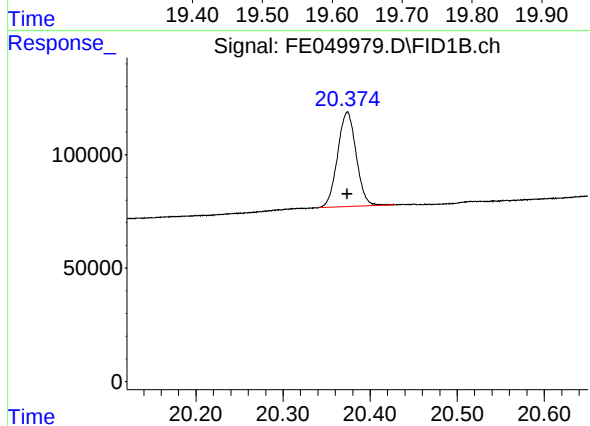
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: 0.000 min
Response: 755185
Conc: 5.67 ug/ml



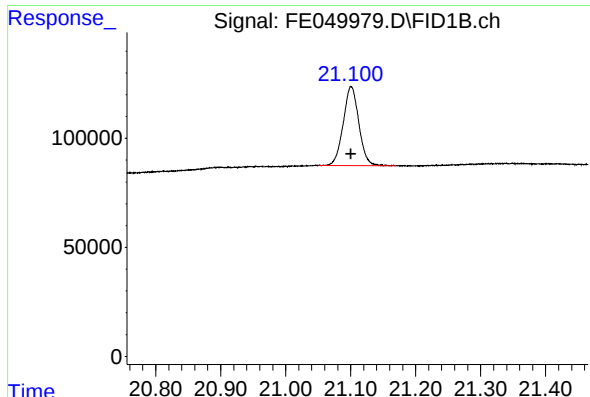
#19 n-Tetatriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 min
Response: 697486
Conc: 5.64 ug/ml



#20 n-Hexatriacontane (C36)

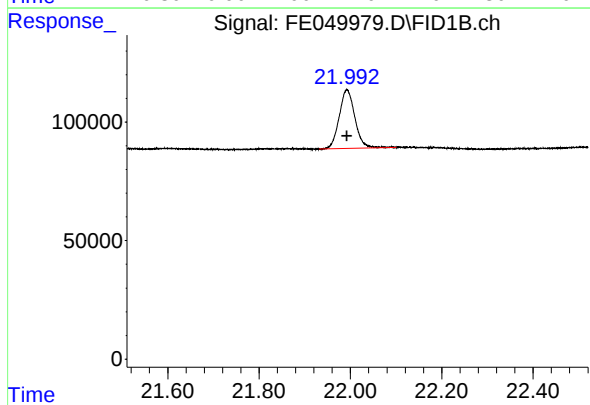
R.T.: 20.374 min
Delta R.T.: 0.000 min
Response: 619117
Conc: 5.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 604714
Conc: 5.48 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 587334
Conc: 5.40 ug/ml