

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111524AL\
 Data File : FE051261.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2024 13:17
 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: Nov 16 08:17:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.846	3446527	22.962 ug/ml
Spiked Amount 50.000		Recovery =	45.92%
12) S 1-chlorooctadecane (S...	13.278	2598200	22.885 ug/ml
Spiked Amount 50.000		Recovery =	45.77%
Target Compounds			
1) T n-Nonane (C9)	3.238	3363280	24.307 ug/ml
2) T n-Decane (C10)	4.486	3394712	24.217 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3180028	24.119 ug/ml
4) T n-Dodecane (C12)	6.652	3391374	24.019 ug/ml
5) T A~2-methylnaphthalene...	7.294	2966797	23.716 ug/ml
6) T n-Tetradecane (C14)	8.478	3291891	23.621 ug/ml
7) T n-Hexadecane (C16)	10.084	3316471	23.371 ug/ml
8) T n-Octadecane (C18)	11.525	3317559	23.231 ug/ml
10) T n-Eicosane (C20)	12.832	3145232	22.982 ug/ml
11) T n-Heneicosane (C21)	13.443	3062756	22.917 ug/ml
13) T n-Docosane (C22)	14.028	3045948	22.910 ug/ml
14) T n-Tetracosane (C24)	15.130	3031089	22.849 ug/ml
15) T n-Hexacosane (C26)	16.149	3031944	22.649 ug/ml
16) T n-Octacosane (C28)	17.097	3057217	22.425 ug/ml
17) T n-Tricontane (C30)	17.985	3236623	22.277 ug/ml
18) T n-Dotriacontane (C32)	18.815	3311001	22.299 ug/ml
19) T n-Tetratriacontane (C34)	19.598	3069831	22.847 ug/ml
20) T n-Hexatriacontane (C36)	20.338	2738861	22.954 ug/ml
21) T n-Octatriacontane (C38)	21.061	2489805	21.876 ug/ml
22) T n-Tetracontane (C40)	21.939	2171897	19.528 ug/ml

(f)=RT Delta > 1/2 Window

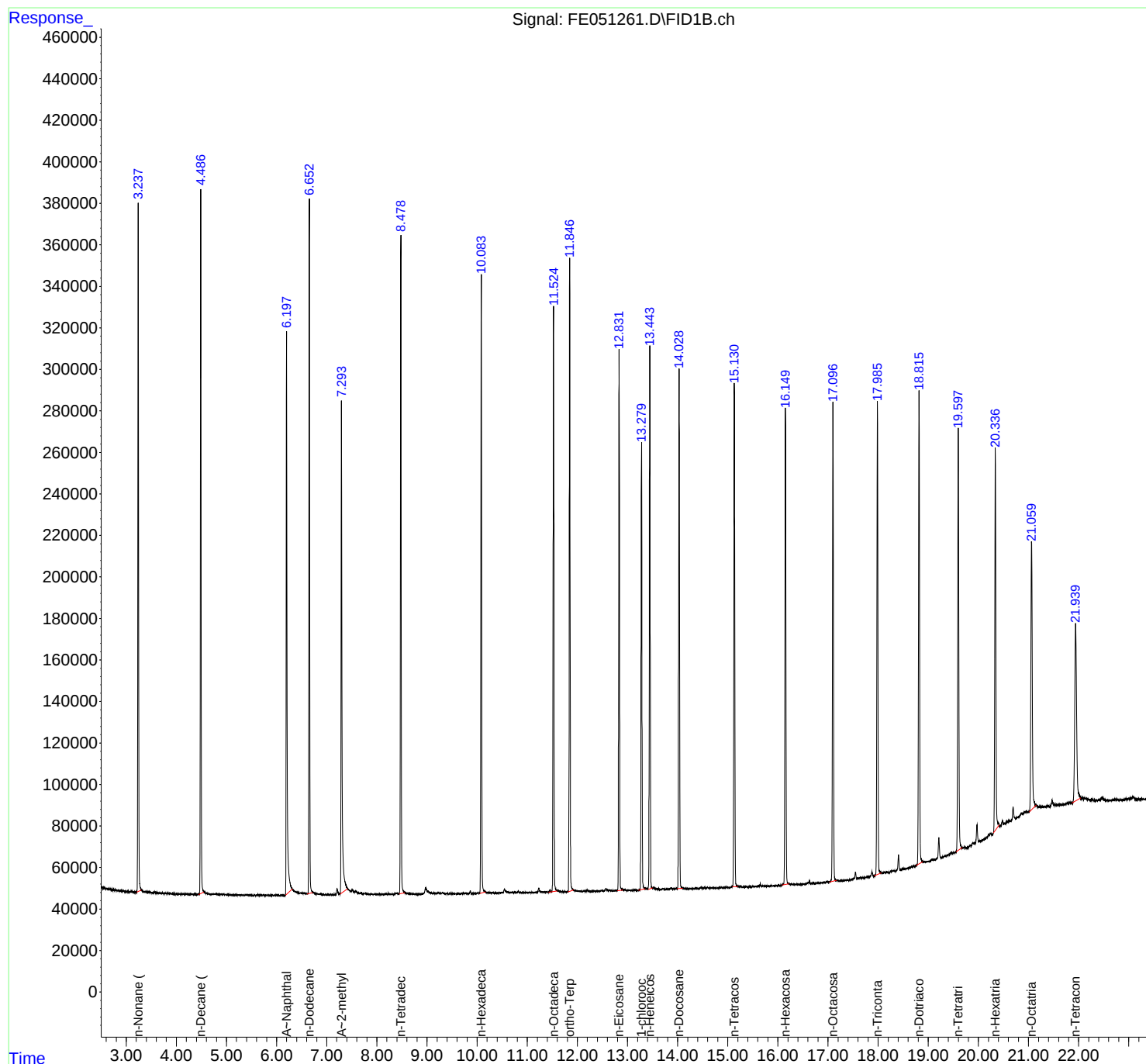
(m)=manual int.

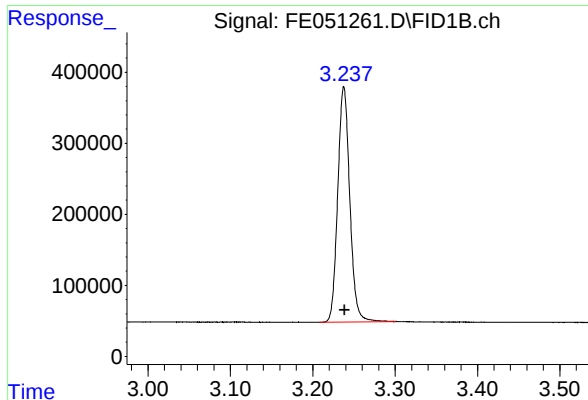
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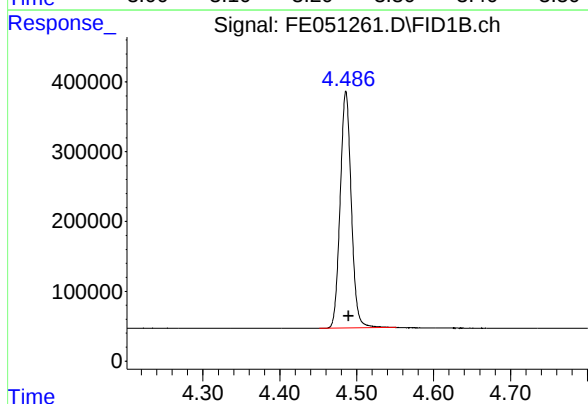




#1 n-Nonane (C9)

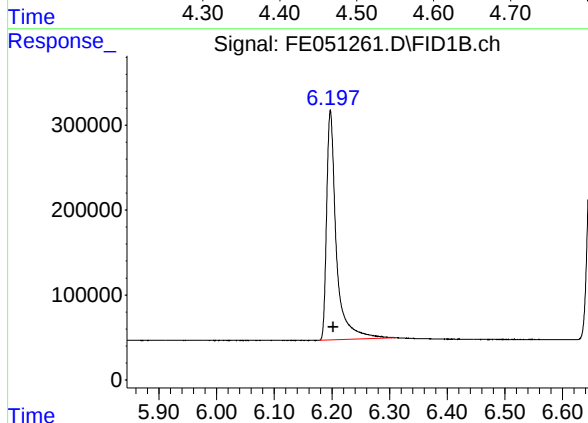
R.T.: 3.238 min
Delta R.T.: -0.001 min
Response: 3363280
Conc: 24.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



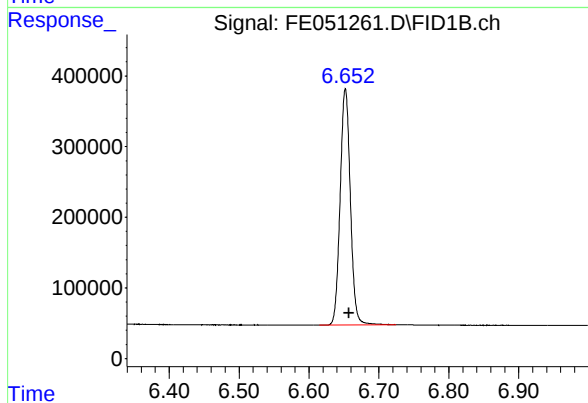
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 3394712
Conc: 24.22 ug/ml



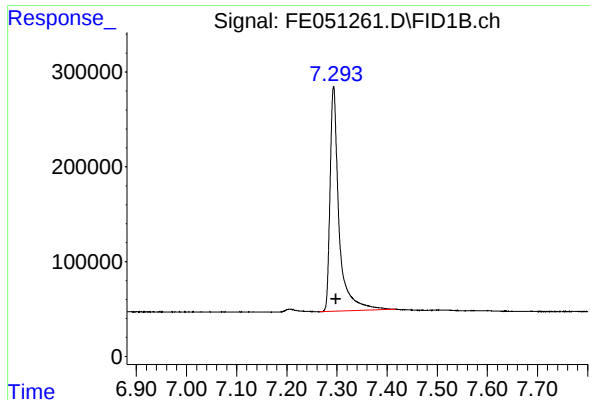
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 3180028
Conc: 24.12 ug/ml



#4 n-Dodecane (C12)

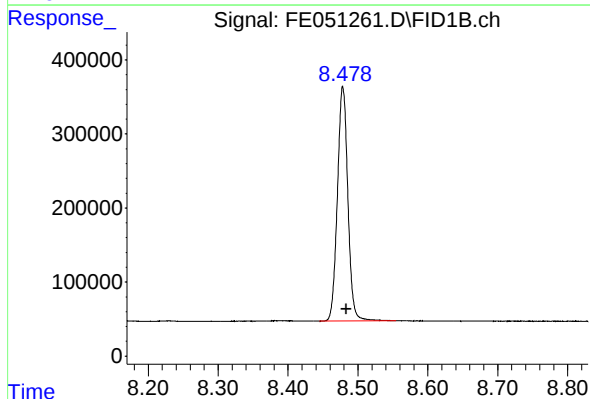
R.T.: 6.652 min
Delta R.T.: -0.005 min
Response: 3391374
Conc: 24.02 ug/ml



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

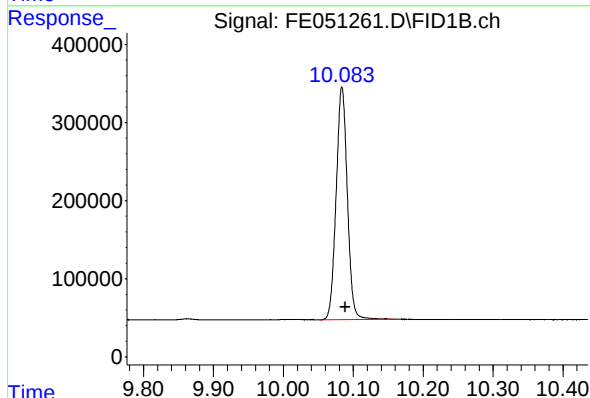
R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 2966797
Conc: 23.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



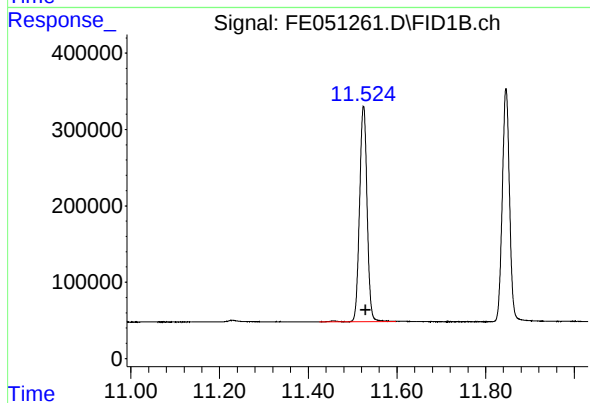
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.005 min
Response: 3291891
Conc: 23.62 ug/ml



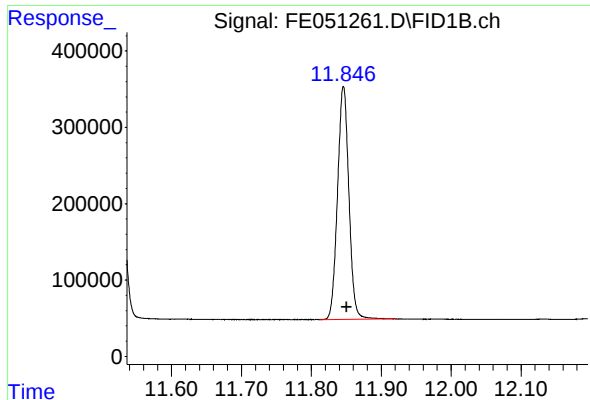
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.005 min
Response: 3316471
Conc: 23.37 ug/ml



#8 n-Octadecane (C18)

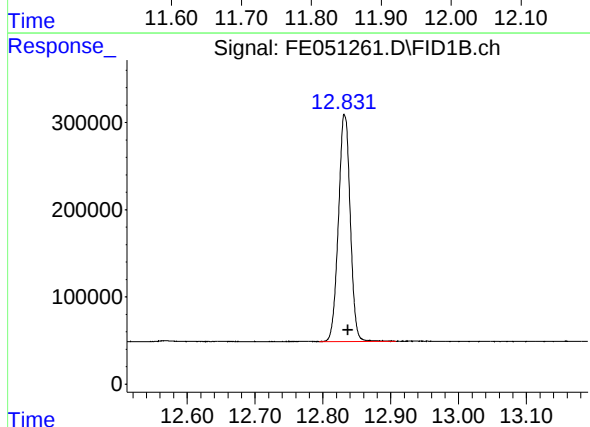
R.T.: 11.525 min
Delta R.T.: -0.005 min
Response: 3317559
Conc: 23.23 ug/ml



#9 ortho-Terphenyl (SURR)

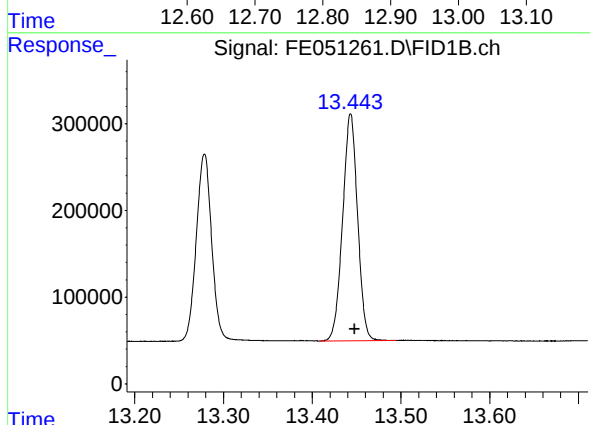
R.T.: 11.846 min
Delta R.T.: -0.004 min
Response: 3446527
Conc: 22.96 ug/ml

Instrument :
FID_E
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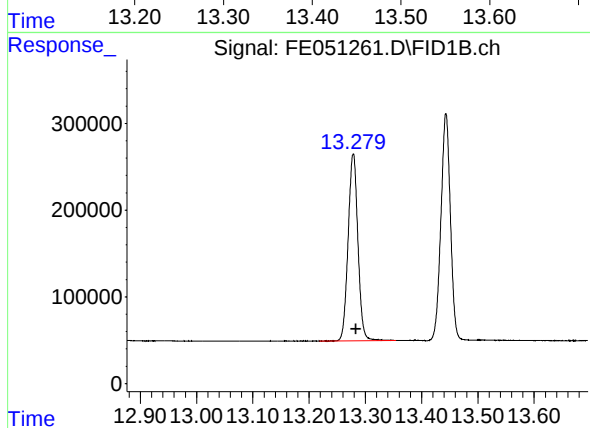
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.005 min
Response: 3145232
Conc: 22.98 ug/ml



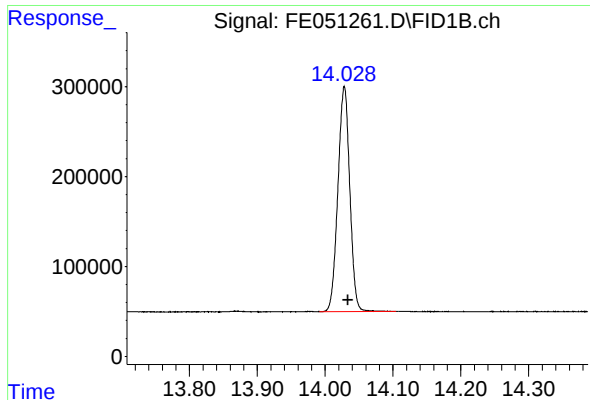
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.005 min
Response: 3062756
Conc: 22.92 ug/ml



#12 1-chlorooctadecane (SURR)

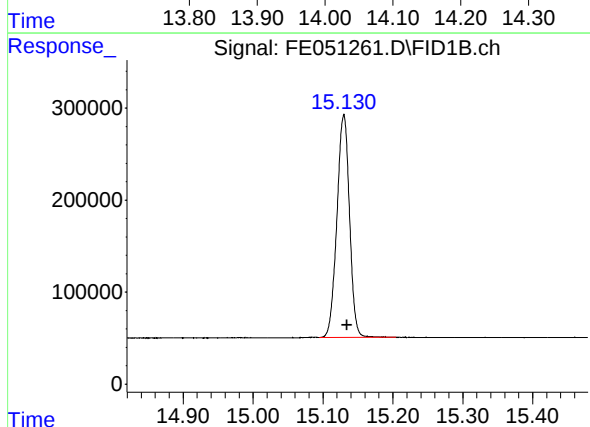
R.T.: 13.278 min
Delta R.T.: -0.005 min
Response: 2598200
Conc: 22.89 ug/ml



#13 n-Docosane (C22)

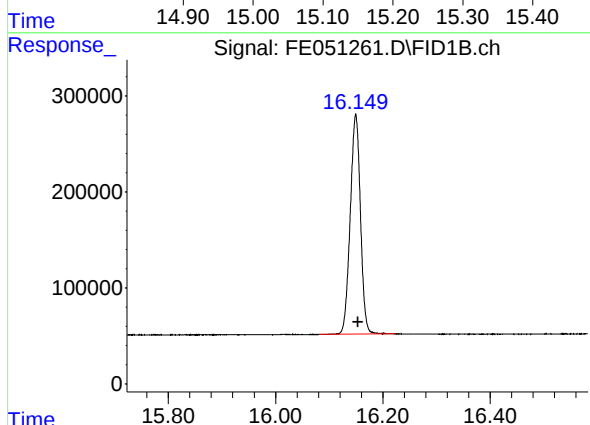
R.T.: 14.028 min
Delta R.T.: -0.005 min
Response: 3045948
Conc: 22.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



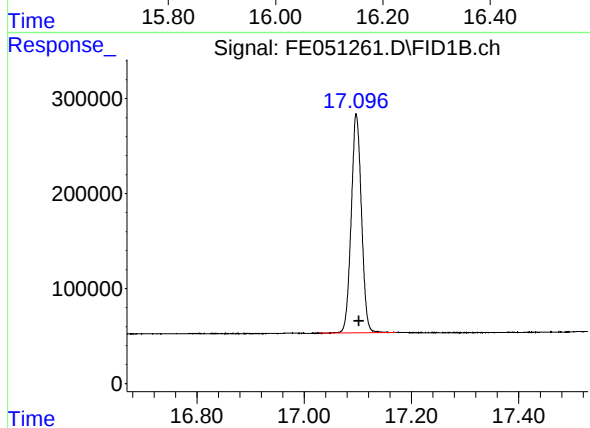
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.005 min
Response: 3031089
Conc: 22.85 ug/ml



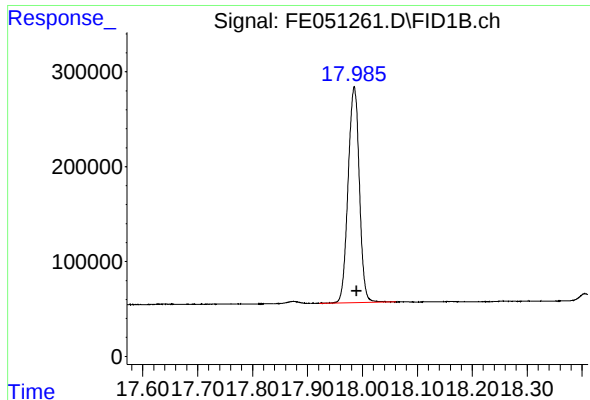
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.004 min
Response: 3031944
Conc: 22.65 ug/ml



#16 n-Octacosane (C28)

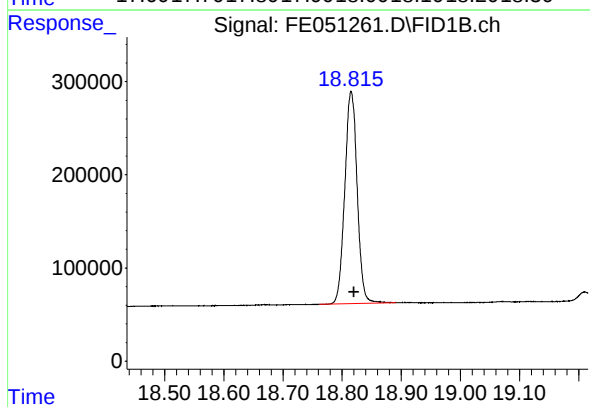
R.T.: 17.097 min
Delta R.T.: -0.005 min
Response: 3057217
Conc: 22.43 ug/ml



#17 n-Tricontane (C30)

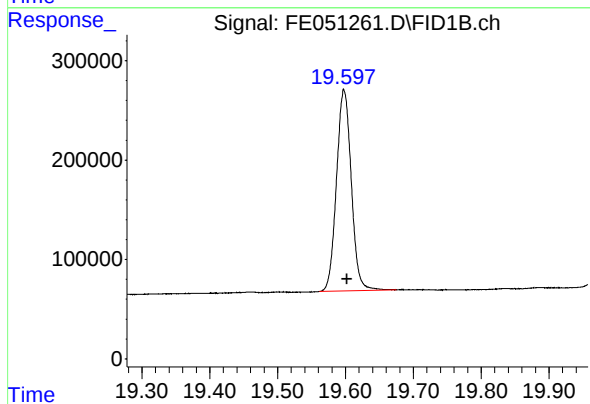
R.T.: 17.985 min
Delta R.T.: -0.004 min
Response: 3236623
Conc: 22.28 ug/ml

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20 PPM ALIPHATIC HC STD



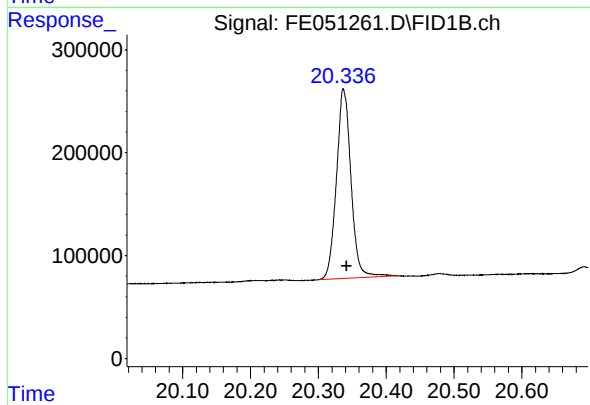
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.005 min
Response: 3311001
Conc: 22.30 ug/ml



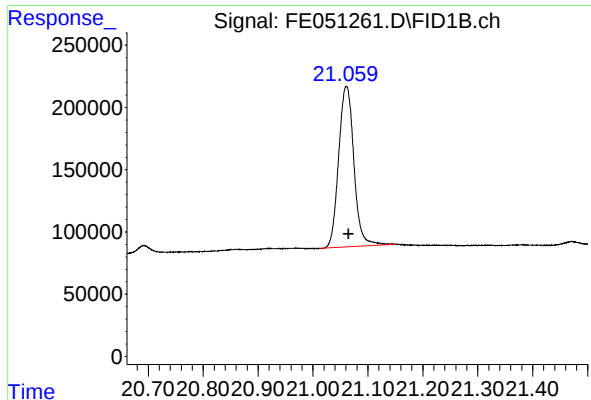
#19 n-Tetatriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.004 min
Response: 3069831
Conc: 22.85 ug/ml



#20 n-Hexatriacontane (C36)

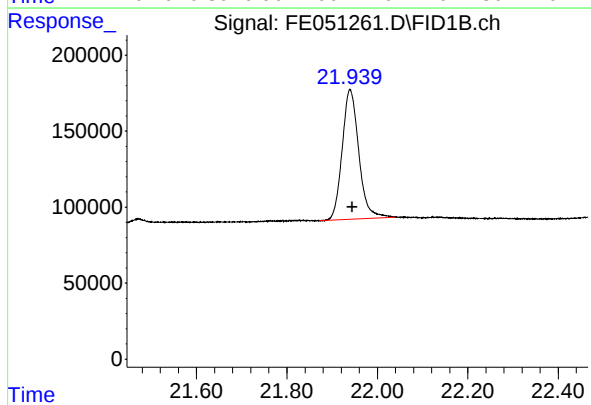
R.T.: 20.338 min
Delta R.T.: -0.004 min
Response: 2738861
Conc: 22.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.061 min
Delta R.T.: -0.004 min
Response: 2489805
Conc: 21.88 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.005 min
Response: 2171897
Conc: 19.53 ug/ml