

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082922AL\
 Data File : FE037298.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2022 20:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 30 06:54:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.648	3329962	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.069	2547583	19.795 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T n-Nonane (C9)	3.046	3078393	20.119 ug/ml
2) T n-Decane (C10)	4.302	3102260	20.121 ug/ml
3) T A~Naphthalene (C11.7)	6.018	3043612	21.126 ug/ml
4) T n-Dodecane (C12)	6.472	3172123	20.060 ug/ml
5) T A~2-methylnaphthalene...	7.110	2883546	20.654 ug/ml
6) T n-Tetradecane (C14)	9.890	3164493	19.971 ug/ml
7) T n-Hexadecane (C16)	9.890	3164493	19.971 ug/ml
8) T n-Octadecane (C18)	11.325	3156725	19.823 ug/ml
10) T n-Eicosane (C20)	12.627	3127128	19.764 ug/ml
11) T n-Heneicosane (C21)	13.235	3108325	19.712 ug/ml
13) T n-Docosane (C22)	13.818	3061428	19.666 ug/ml
14) T n-Tetracosane (C24)	14.915	2946719	19.592 ug/ml
15) T n-Hexacosane (C26)	15.931	2830623	19.548 ug/ml
16) T n-Octacosane (C28)	16.875	2707731	19.545 ug/ml
17) T n-Tricontane (C30)	17.758	2664795	19.590 ug/ml
18) T n-Dotriacontane (C32)	18.585	2629118	19.689 ug/ml
19) T n-Tetratriacontane (C34)	19.363	2519269	19.911 ug/ml
20) T n-Hexatriacontane (C36)	20.098	2561246	19.914 ug/ml
21) T n-Octatriacontane (C38)	20.796	2497571	20.067 ug/ml
22) T n-Tetracontane (C40)	21.580	2561841	19.872 ug/ml

(f)=RT Delta > 1/2 Window

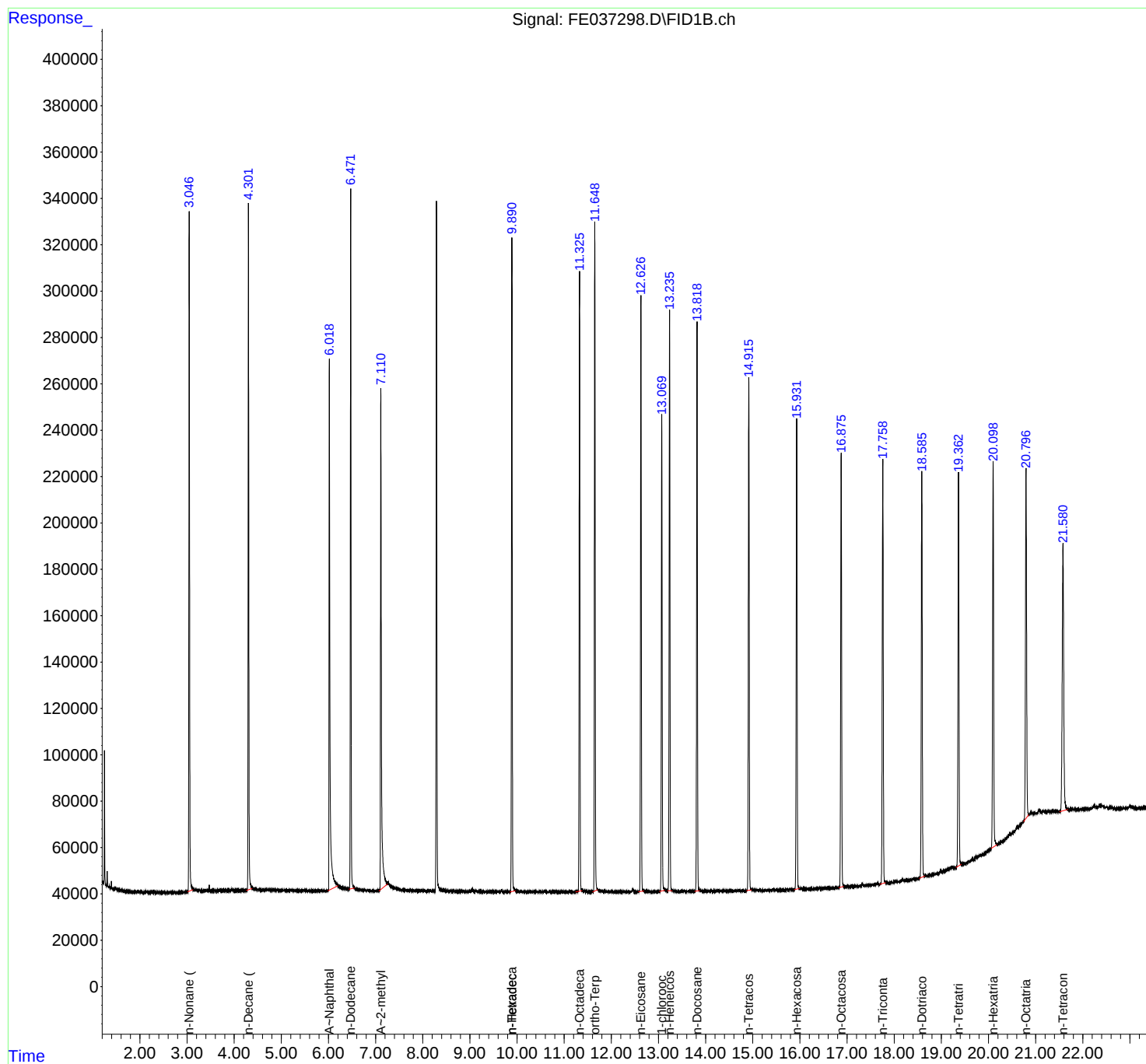
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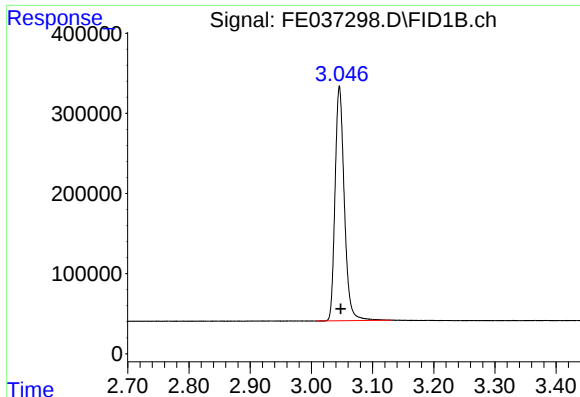
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#1 n-Nonane (C9)

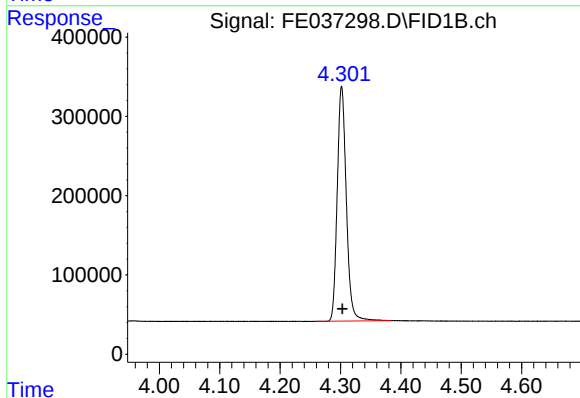
R.T.: 3.046 min
Delta R.T.: -0.002 min
Response: 3078393
Conc: 20.12 ug/ml

Instrument :

FID_E

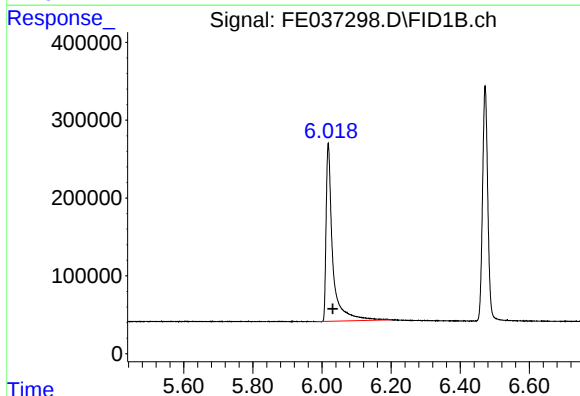
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



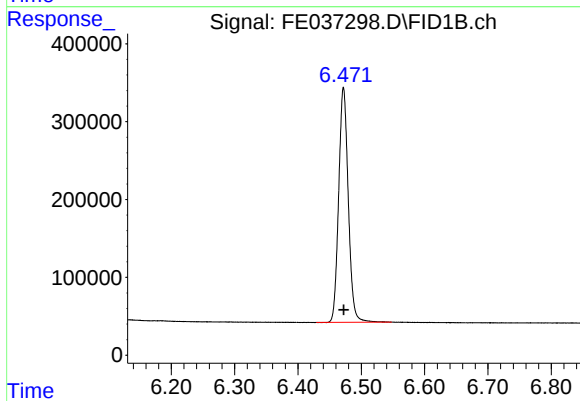
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 3102260
Conc: 20.12 ug/ml



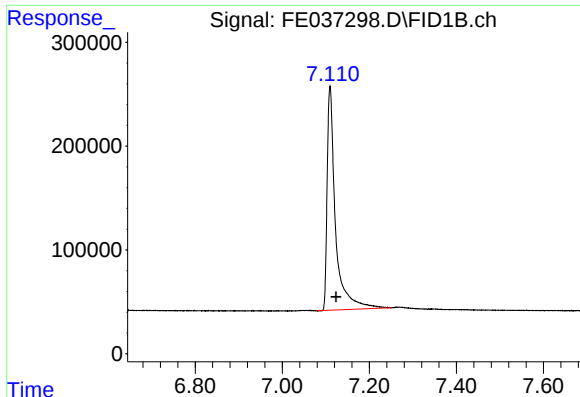
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: -0.013 min
Response: 3043612
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

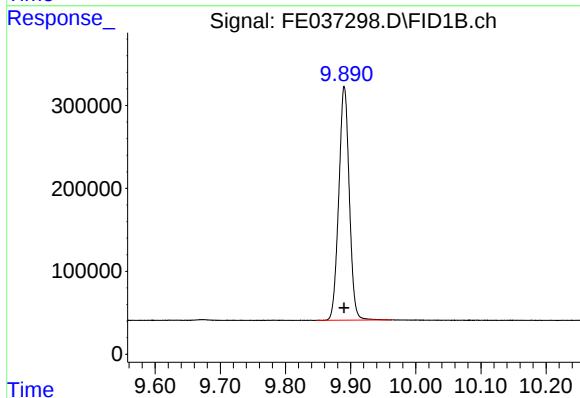
R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 3172123
Conc: 20.06 ug/ml



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

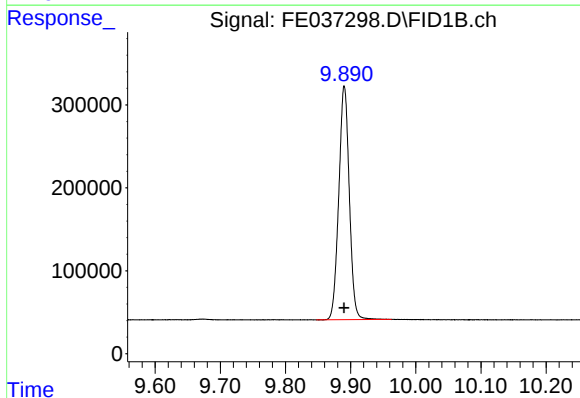
R.T.: 7.110 min
Delta R.T.: -0.013 min
Response: 2883546
Conc: 20.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



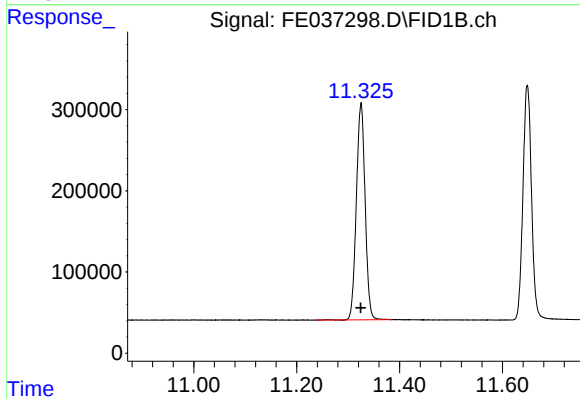
#6 n-Tetradecane (C14)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 3164493
Conc: 19.97 ug/ml



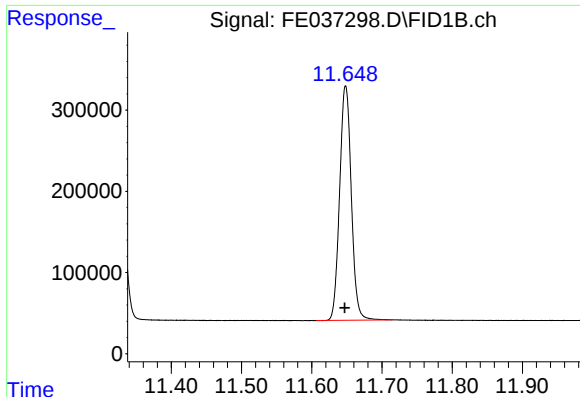
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: 0.000 min
Response: 3164493
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

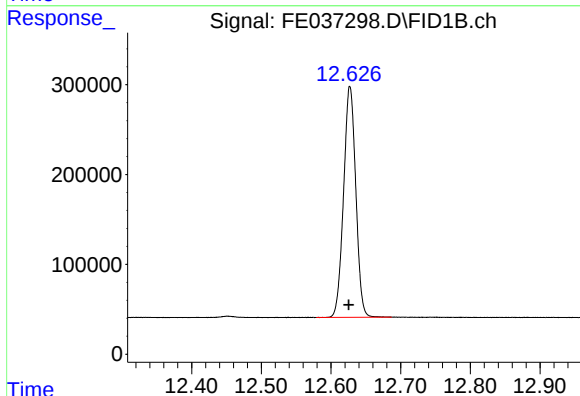
R.T.: 11.325 min
Delta R.T.: 0.001 min
Response: 3156725
Conc: 19.82 ug/ml



#9 ortho-Terphenyl (SURR)

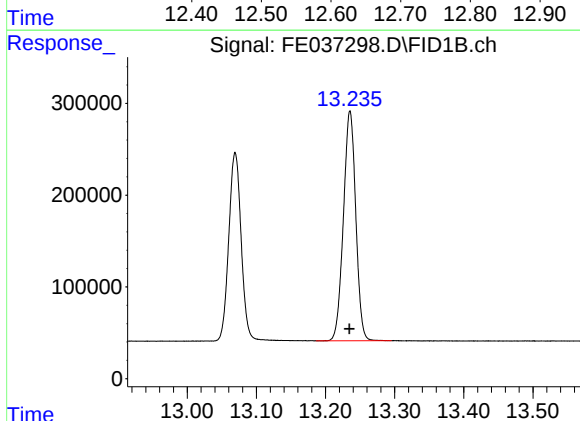
R.T.: 11.648 min
Delta R.T.: 0.001 min
Response: 3329962
Conc: 19.70 ug/ml

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FID_E
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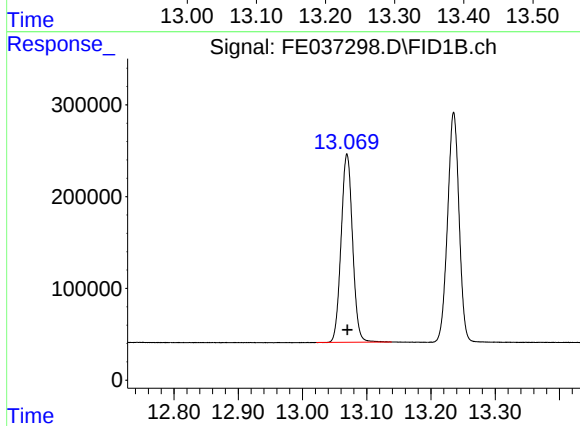
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: 0.002 min
Response: 3127128
Conc: 19.76 ug/ml



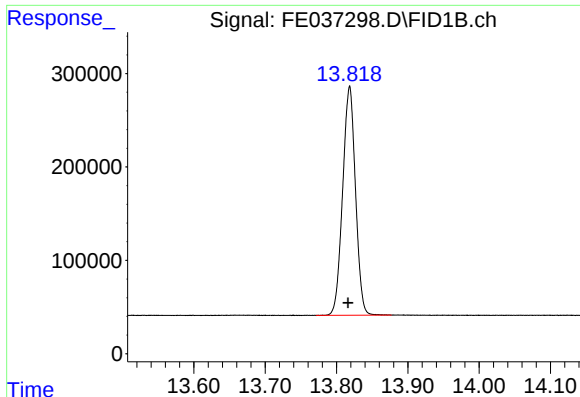
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 3108325
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.069 min
Delta R.T.: 0.000 min
Response: 2547583
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

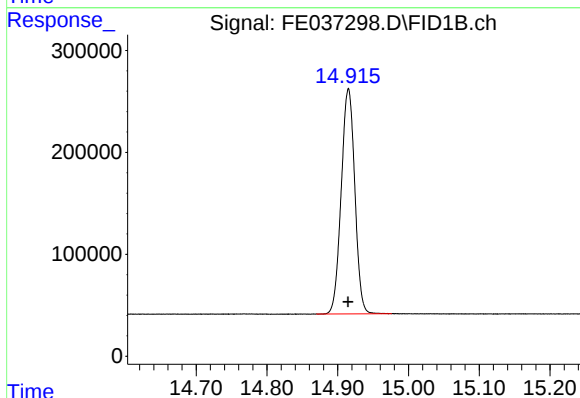
R.T.: 13.818 min
Delta R.T.: 0.002 min
Response: 3061428
Conc: 19.67 ug/ml

Instrument :

FID_E

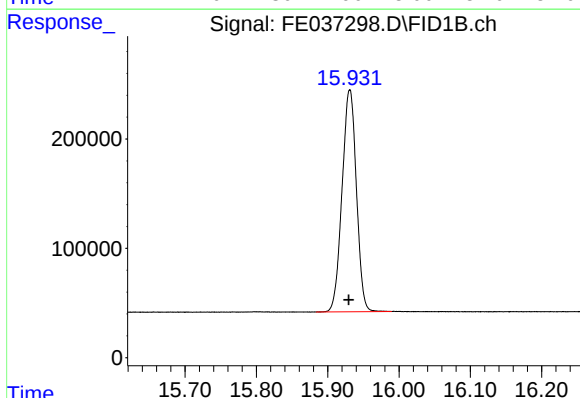
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



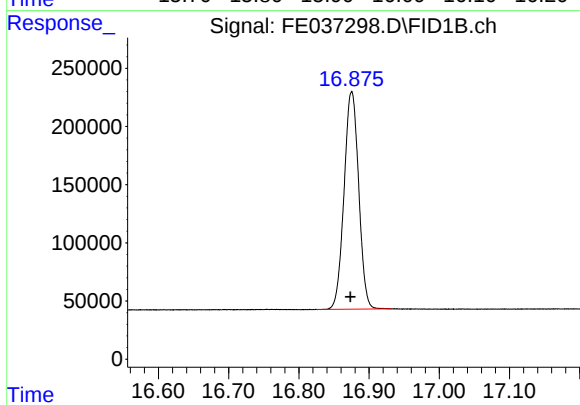
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: 0.000 min
Response: 2946719
Conc: 19.59 ug/ml



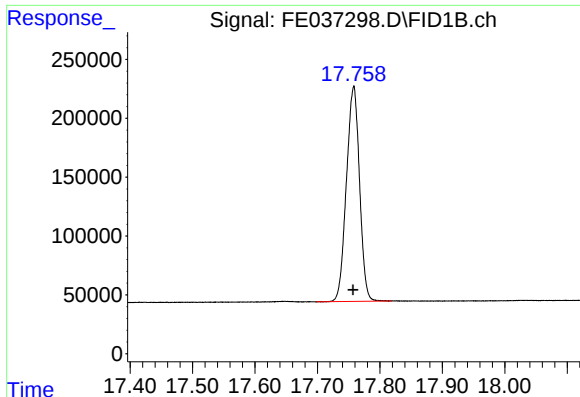
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: 0.001 min
Response: 2830623
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

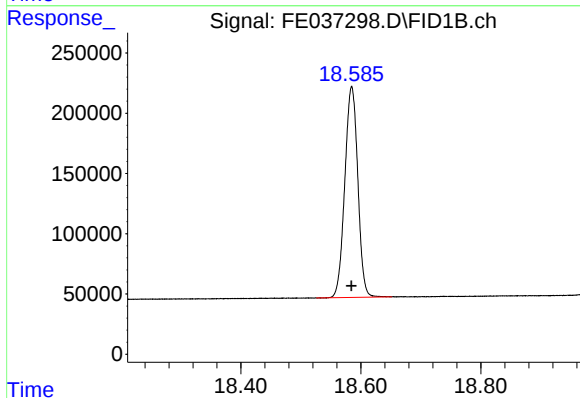
R.T.: 16.875 min
Delta R.T.: 0.002 min
Response: 2707731
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

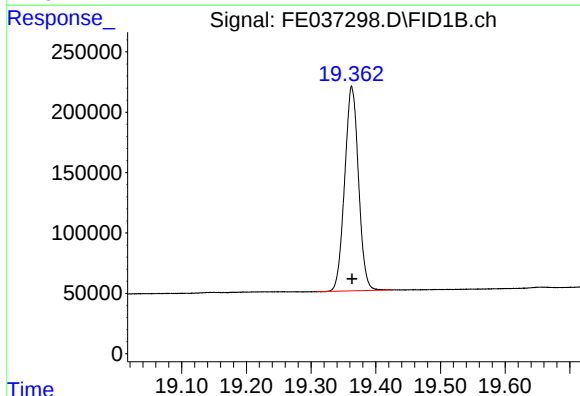
R.T.: 17.758 min
Delta R.T.: 0.001 min
Response: 2664795
Conc: 19.59 ug/ml

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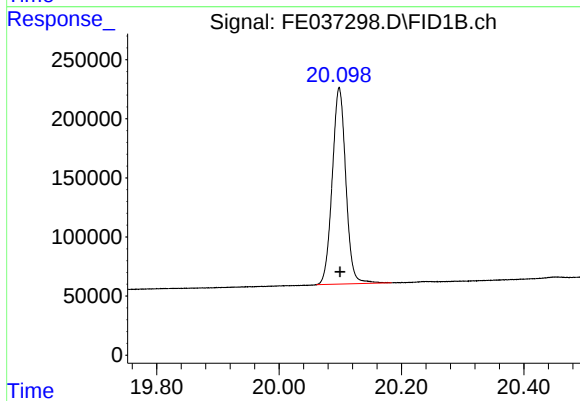
#18 n-Dotriacontane (C32)

R.T.: 18.585 min
Delta R.T.: 0.000 min
Response: 2629118
Conc: 19.69 ug/ml



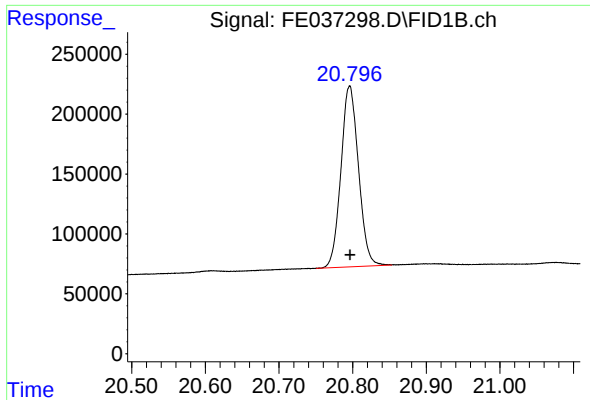
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: 0.000 min
Response: 2519269
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

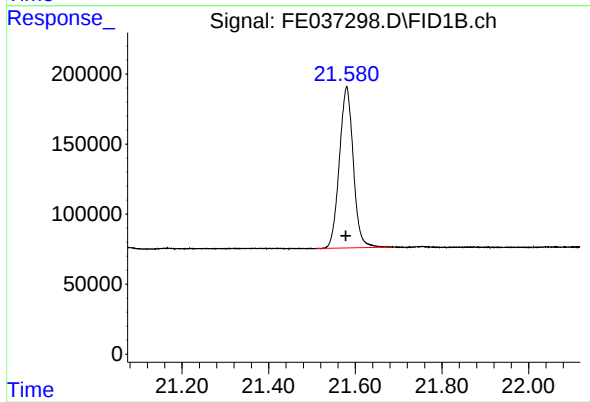
R.T.: 20.098 min
Delta R.T.: -0.001 min
Response: 2561246
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: 0.000 min
Response: 2497571
Conc: 20.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: 0.002 min
Response: 2561841
Conc: 19.87 ug/ml