

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040224AL\
 Data File : FE047433.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2024 11:33
 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 02 13:55:44 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)	11.981	2950471	17.011 ug/ml
Spiked Amount 50.000		Recovery =	34.02%
12) S 1-chlorooctadecane (S...	13.414	2295983	17.071 ug/ml
Spiked Amount 50.000		Recovery =	34.14%
Target Compounds			
1) T n-Nonane (C9)	3.363	2674590	17.096 ug/ml
2) T n-Decane (C10)	4.615	2748409	17.101 ug/ml
3) T A~Naphthalene (C11.7)	6.322	2892970	17.062 ug/ml
4) T n-Dodecane (C12)	6.781	2764306	17.031 ug/ml
5) T A~2-methylnaphthalene...	7.418	2792224	17.003 ug/ml
6) T n-Tetradecane (C14)	8.609	2739556	17.029 ug/ml
7) T n-Hexadecane (C16)	10.217	2830399	17.043 ug/ml
8) T n-Octadecane (C18)	11.660	2872794	17.131 ug/ml
10) T n-Eicosane (C20)	12.969	2768337	17.088 ug/ml
11) T n-Heneicosane (C21)	13.580	2710122	17.080 ug/ml
13) T n-Docosane (C22)	14.166	2753957	17.161 ug/ml
14) T n-Tetracosane (C24)	15.268	2839926	17.205 ug/ml
15) T n-Hexacosane (C26)	16.287	2888250	17.473 ug/ml
16) T n-Octacosane (C28)	17.234	2962283	17.876 ug/ml
17) T n-Tricontane (C30)	18.121	3122405	18.391 ug/ml
18) T n-Dotriacontane (C32)	18.952	3085347	18.503 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2875398	17.928 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2777574	17.414 ug/ml
21) T n-Octatriacontane (C38)	21.214	2787713	17.153 ug/ml
22) T n-Tetracontane (C40)	22.143	2786747	17.021 ug/ml

(f)=RT Delta > 1/2 Window

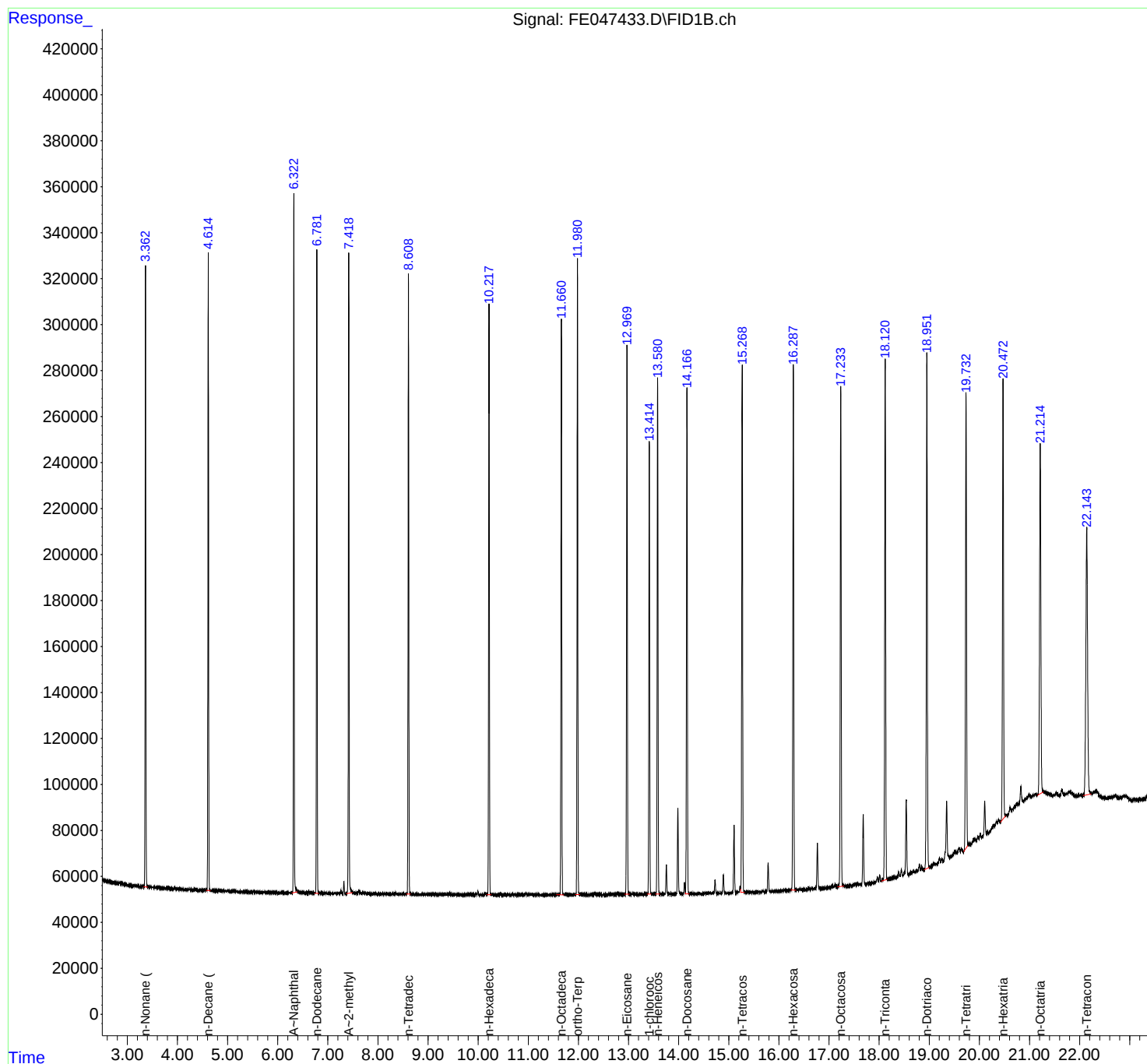
(m)=manual int.

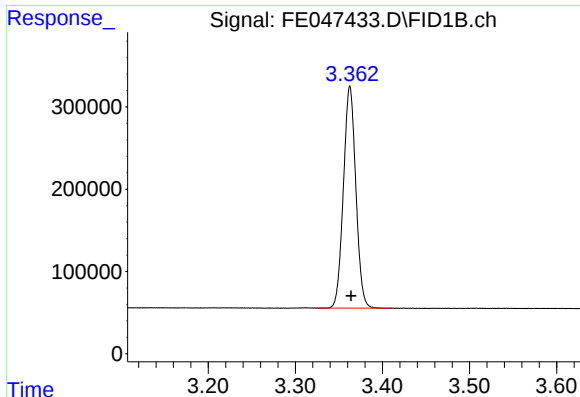
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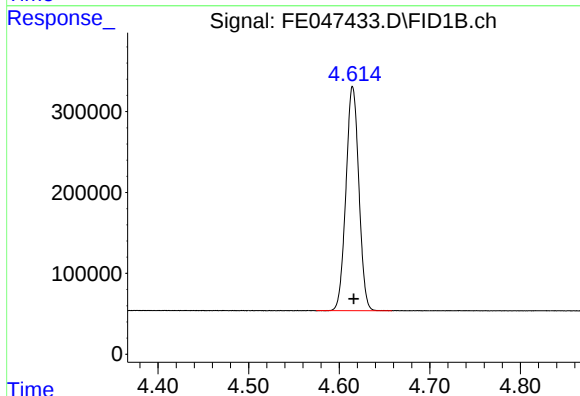




#1 n-Nonane (C9)

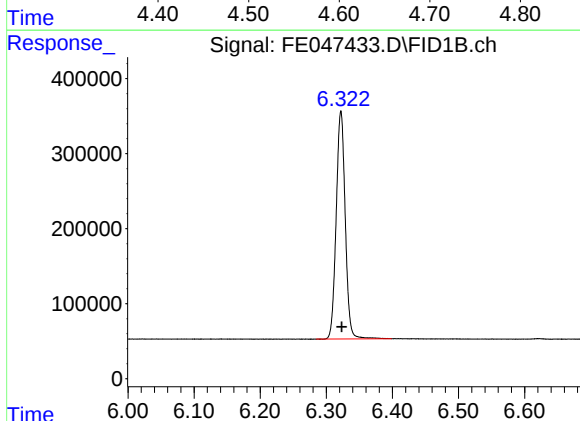
R.T.: 3.363 min
Delta R.T.: -0.001 min
Response: 2674590
Conc: 17.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



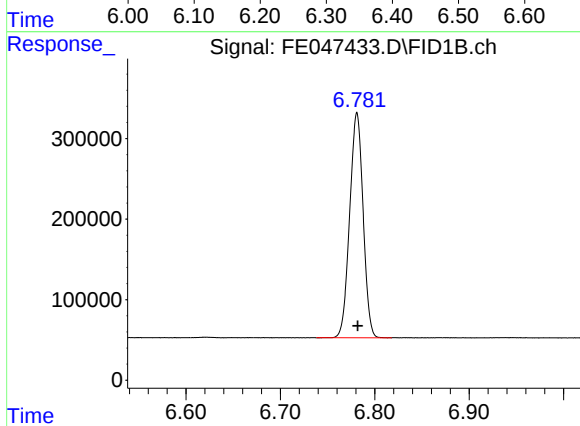
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.001 min
Response: 2748409
Conc: 17.10 ug/ml



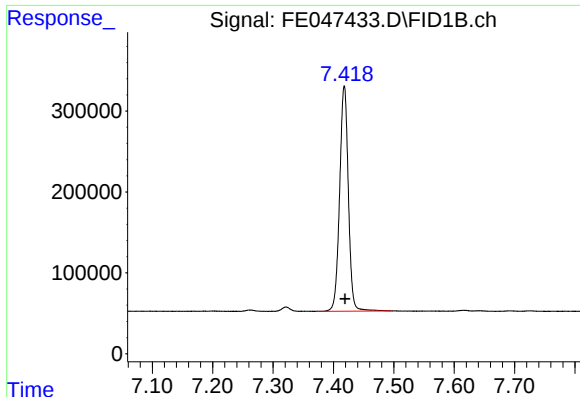
#3 A~Naphthalene (C11.7)

R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 2892970
Conc: 17.06 ug/ml



#4 n-Dodecane (C12)

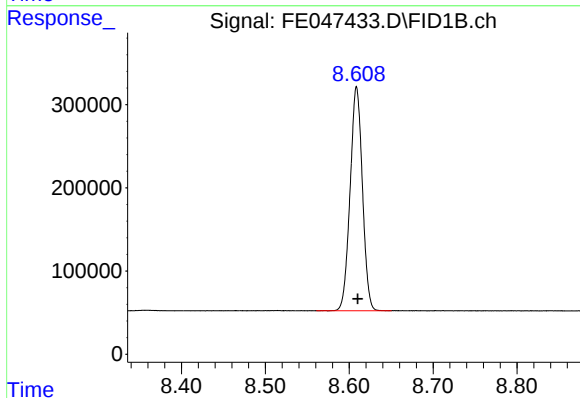
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 2764306
Conc: 17.03 ug/ml



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

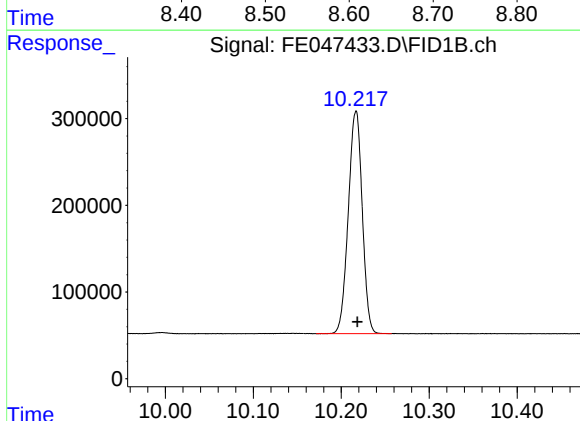
R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 2792224
Conc: 17.00 ug/ml

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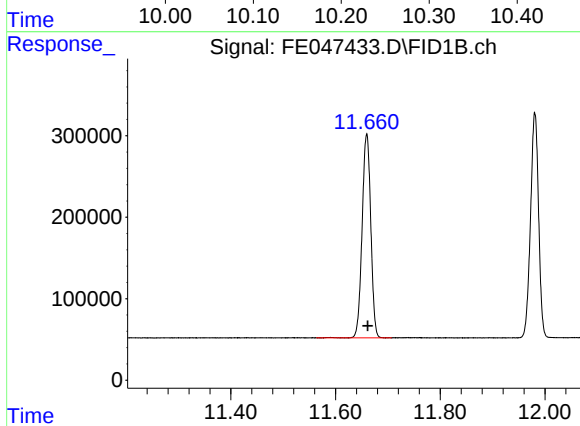
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 2739556
Conc: 17.03 ug/ml



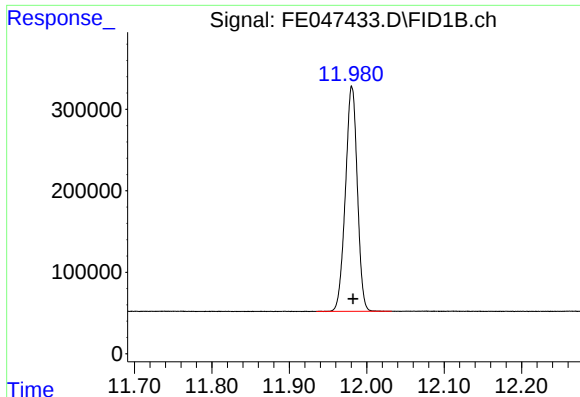
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.002 min
Response: 2830399
Conc: 17.04 ug/ml



#8 n-Octadecane (C18)

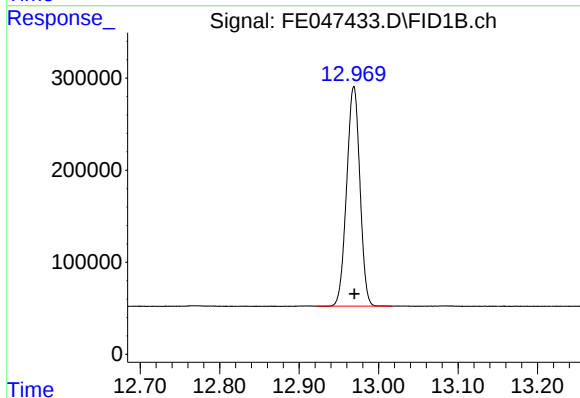
R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 2872794
Conc: 17.13 ug/ml



#9 ortho-Terphenyl (SURR)

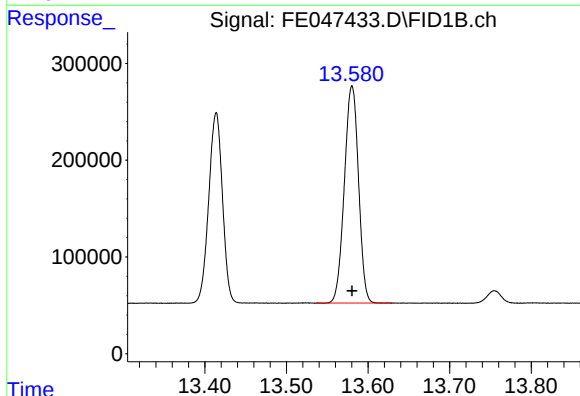
R.T.: 11.981 min
Delta R.T.: -0.001 min
Response: 2950471
Conc: 17.01 ug/ml

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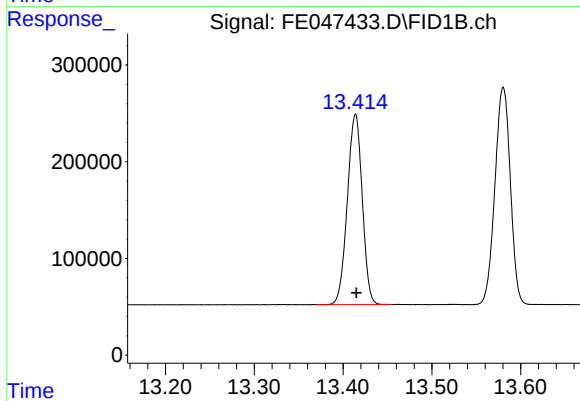
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2768337
Conc: 17.09 ug/ml



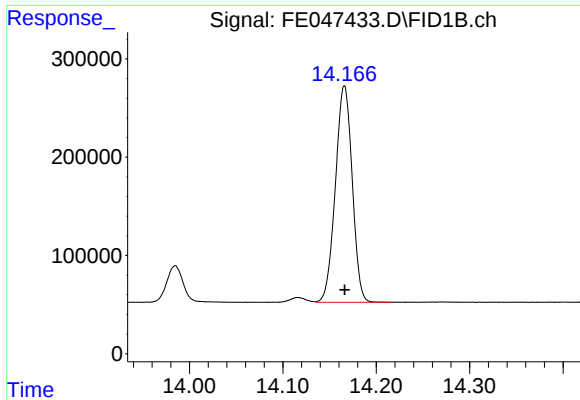
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 2710122
Conc: 17.08 ug/ml



#12 1-chlorooctadecane (SURR)

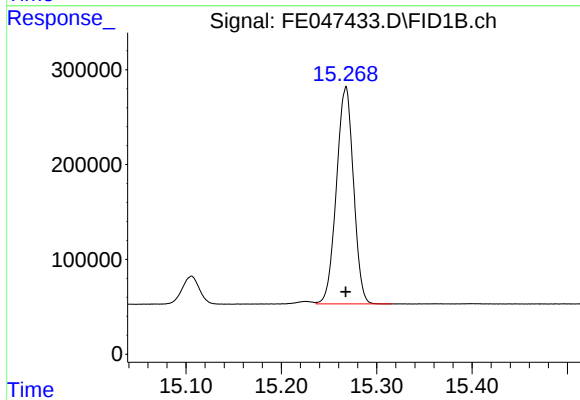
R.T.: 13.414 min
Delta R.T.: -0.001 min
Response: 2295983
Conc: 17.07 ug/ml



#13 n-Docosane (C22)

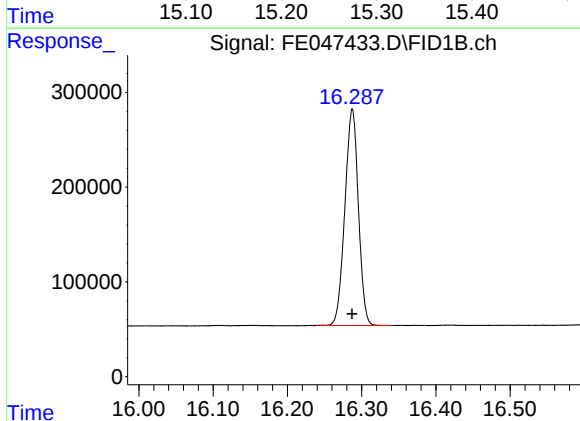
R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 2753957
Conc: 17.16 ug/ml

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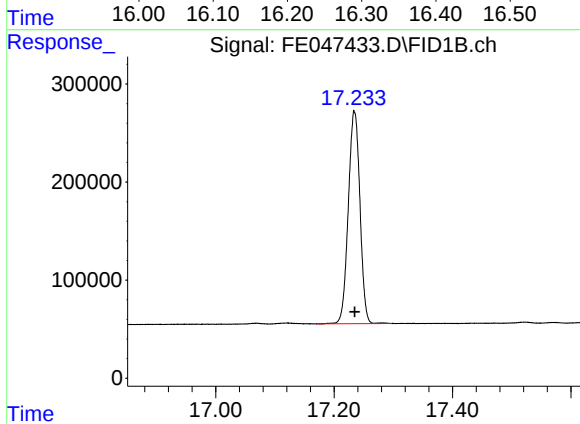
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.000 min
Response: 2839926
Conc: 17.20 ug/ml



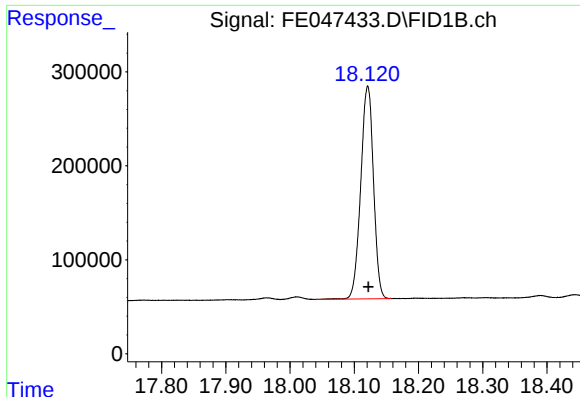
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 2888250
Conc: 17.47 ug/ml



#16 n-Octacosane (C28)

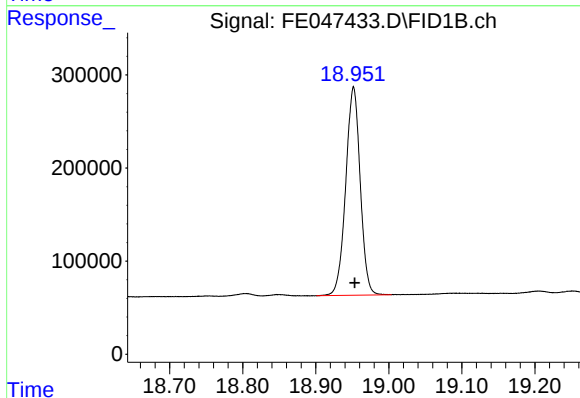
R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 2962283
Conc: 17.88 ug/ml



#17 n-Tricontane (C30)

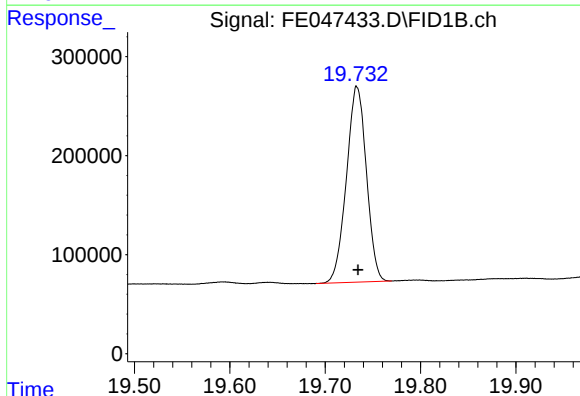
R.T.: 18.121 min
Delta R.T.: -0.001 min
Response: 3122405
Conc: 18.39 ug/ml

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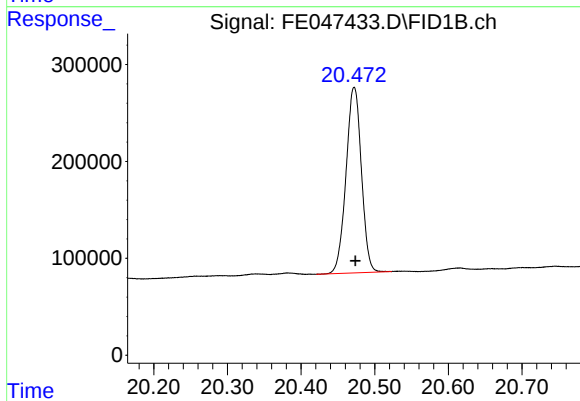
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.002 min
Response: 3085347
Conc: 18.50 ug/ml



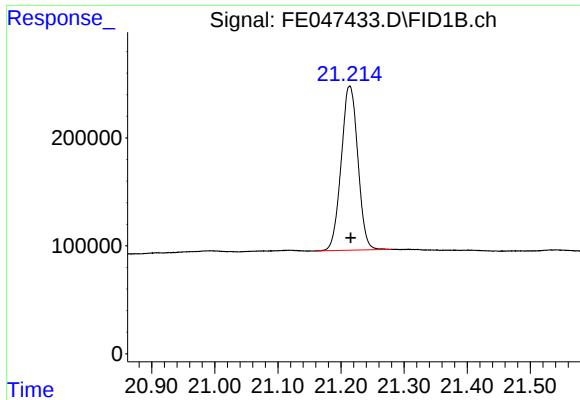
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.001 min
Response: 2875398
Conc: 17.93 ug/ml



#20 n-Hexatriacontane (C36)

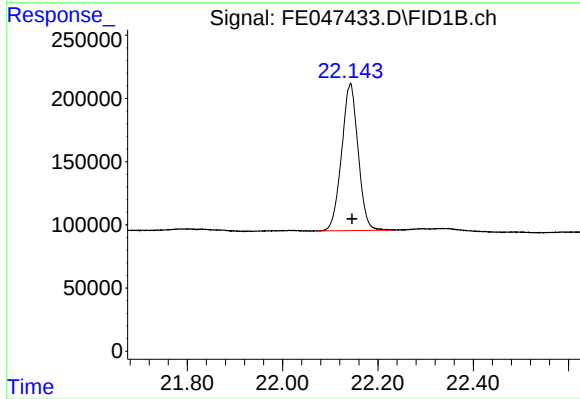
R.T.: 20.472 min
Delta R.T.: -0.002 min
Response: 2777574
Conc: 17.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.002 min
Response: 2787713
Conc: 17.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.003 min
Response: 2786747
Conc: 17.02 ug/ml