

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032824AL\
 Data File : FE047371.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2024 06:54
 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: sample.E
 Quant Time: Mar 28 14:31:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.982	3112098	19.873 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	13.415	2424152	19.988 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.365	2930768	20.069 ug/ml
2) T n-Decane (C10)	4.617	2997461	20.108 ug/ml
3) T A~Naphthalene (C11.7)	6.323	3117617	20.095 ug/ml
4) T n-Dodecane (C12)	6.783	2995474	20.029 ug/ml
5) T A~2-methylnaphthalene...	7.419	2991791	19.992 ug/ml
6) T n-Tetradecane (C14)	8.611	2949935	20.001 ug/ml
7) T n-Hexadecane (C16)	10.219	3025287	19.987 ug/ml
8) T n-Octadecane (C18)	11.661	3035402	19.979 ug/ml
10) T n-Eicosane (C20)	12.970	2917421	20.052 ug/ml
11) T n-Heneicosane (C21)	13.581	2858093	19.997 ug/ml
13) T n-Docosane (C22)	14.167	2876478	20.264 ug/ml
14) T n-Tetracosane (C24)	15.268	2922643	20.732 ug/ml
15) T n-Hexacosane (C26)	16.287	2937174	21.122 ug/ml
16) T n-Octacosane (C28)	17.236	2945935	21.560 ug/ml
17) T n-Tricontane (C30)	18.120	3069092	22.105 ug/ml
18) T n-Dotriacontane (C32)	18.952	3026553	21.941 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2887162	21.066 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2834250	20.753 ug/ml
21) T n-Octatriacontane (C38)	21.214	2917287	21.046 ug/ml
22) T n-Tetracontane (C40)	22.143	2867270	20.014 ug/ml

(f)=RT Delta > 1/2 Window

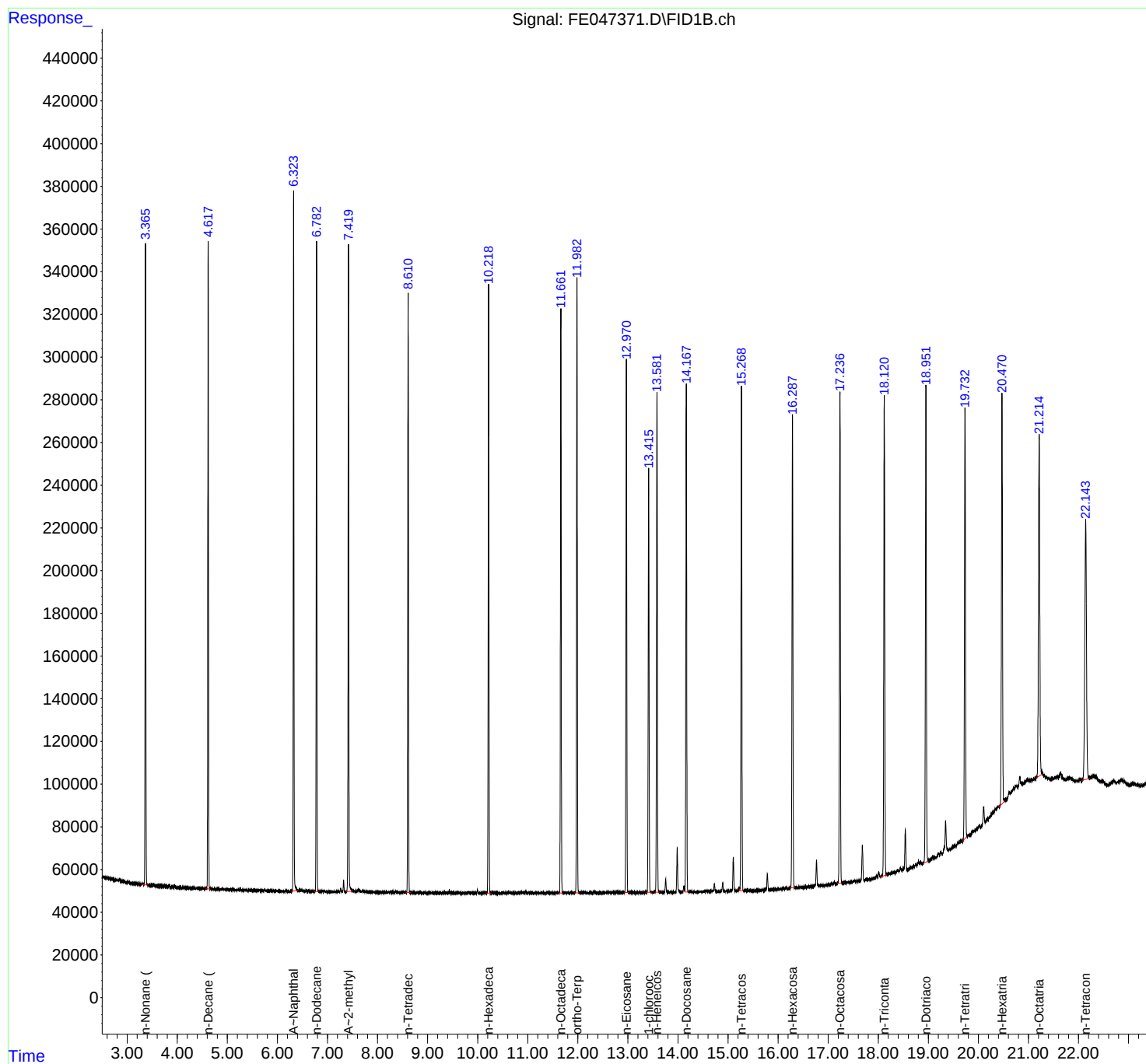
(m)=manual int.

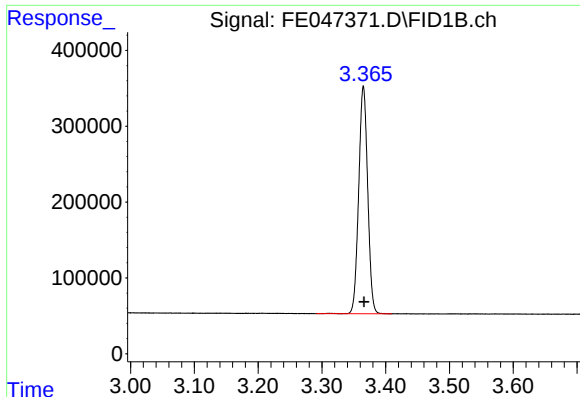
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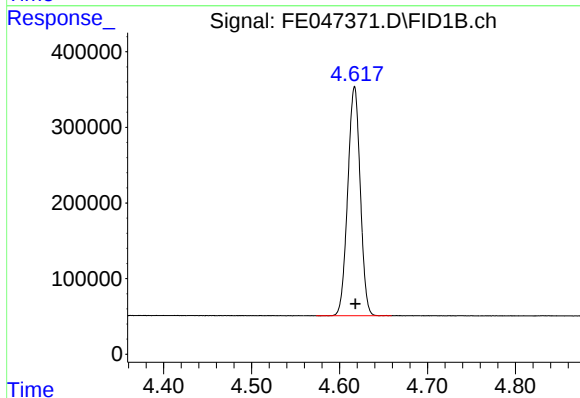




#1 n-Nonane (C9)

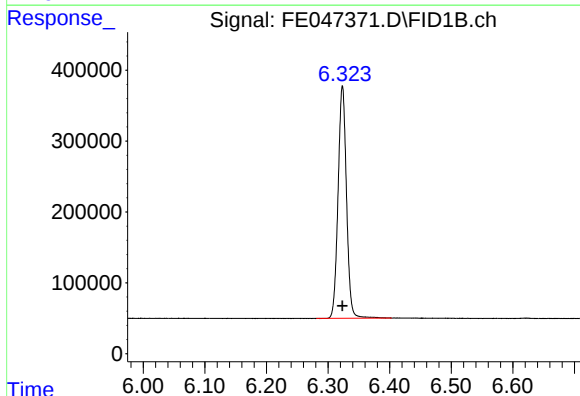
R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 2930768
Conc: 20.07 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



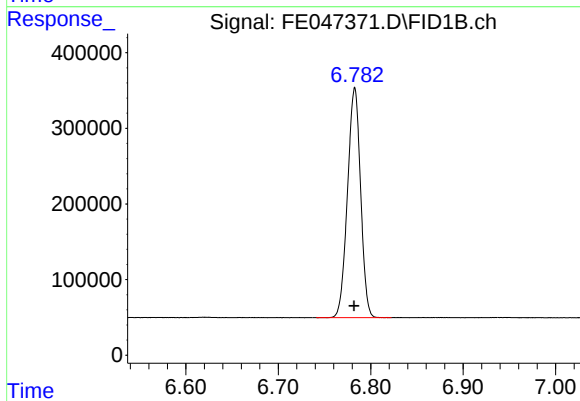
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 2997461
Conc: 20.11 ug/ml



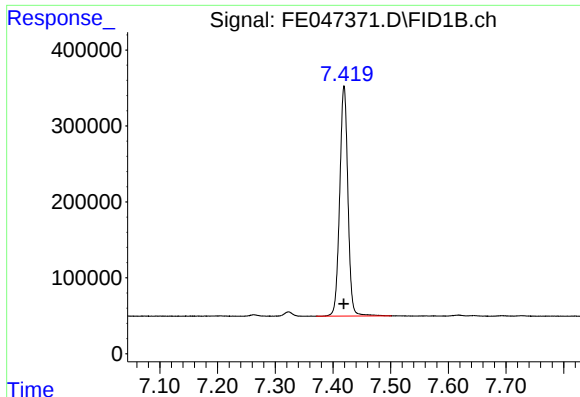
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 3117617
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

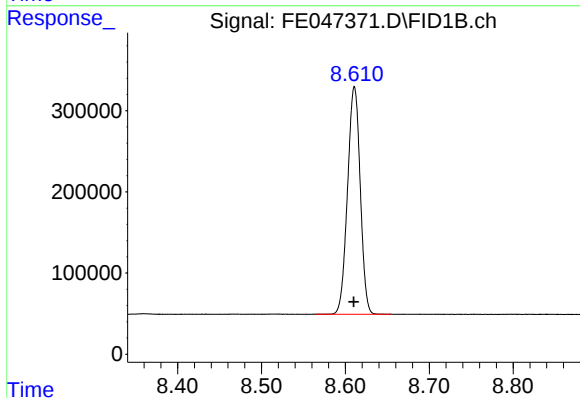
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 2995474
Conc: 20.03 ug/ml



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

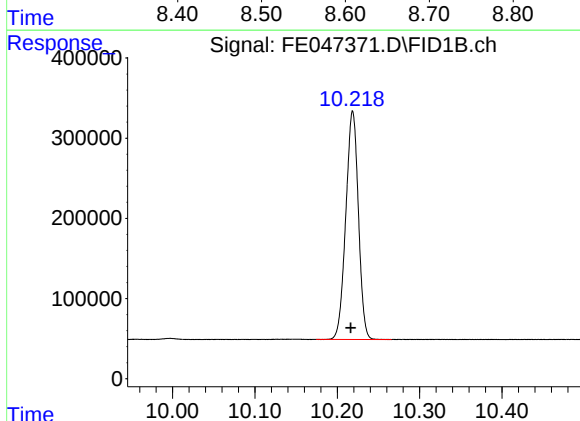
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 2991791
Conc: 19.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



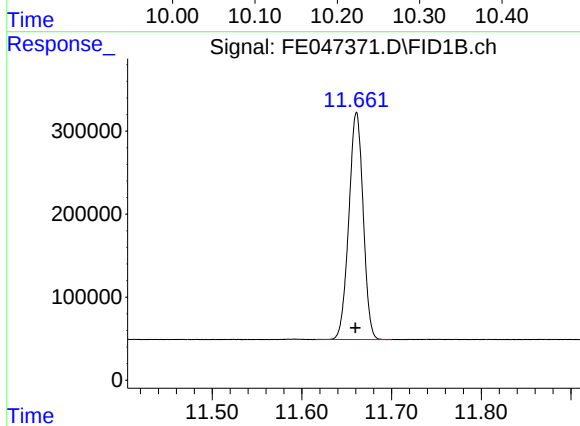
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 2949935
Conc: 20.00 ug/ml



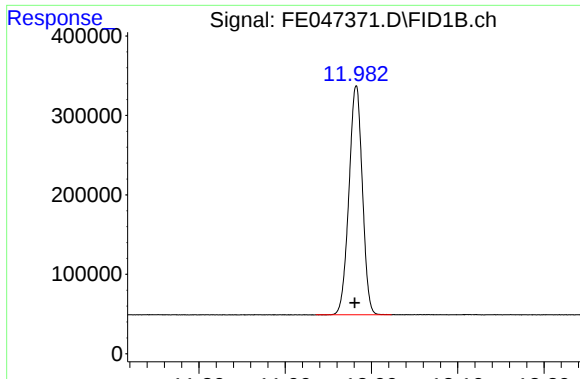
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.002 min
Response: 3025287
Conc: 19.99 ug/ml



#8 n-Octadecane (C18)

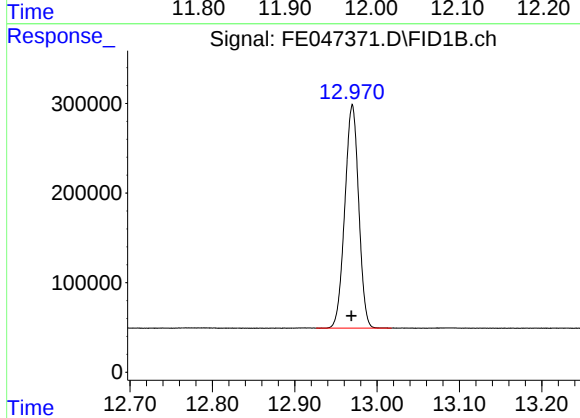
R.T.: 11.661 min
Delta R.T.: 0.001 min
Response: 3035402
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

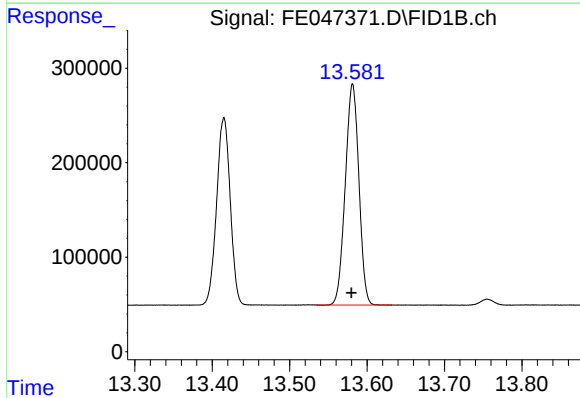
R.T.: 11.982 min
Delta R.T.: 0.002 min
Response: 3112098
Conc: 19.87 ug/ml

Instrument :
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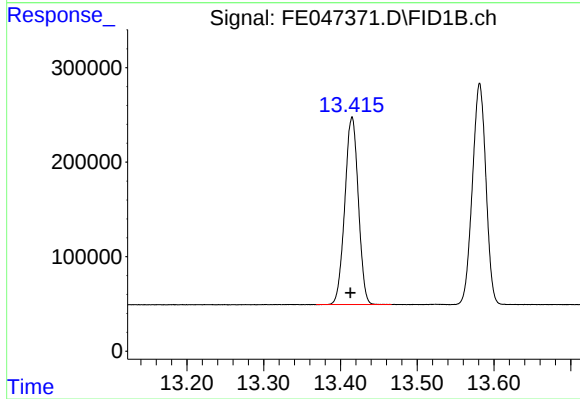
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.001 min
Response: 2917421
Conc: 20.05 ug/ml



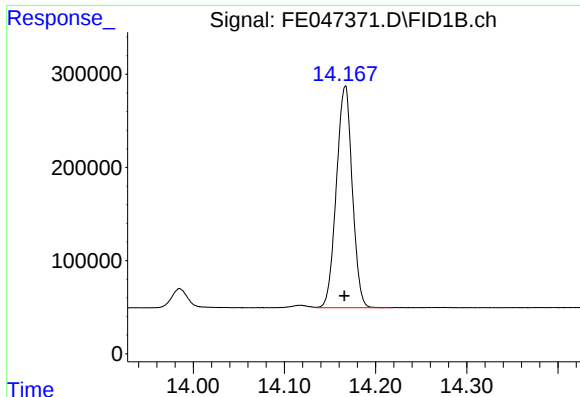
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.002 min
Response: 2858093
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

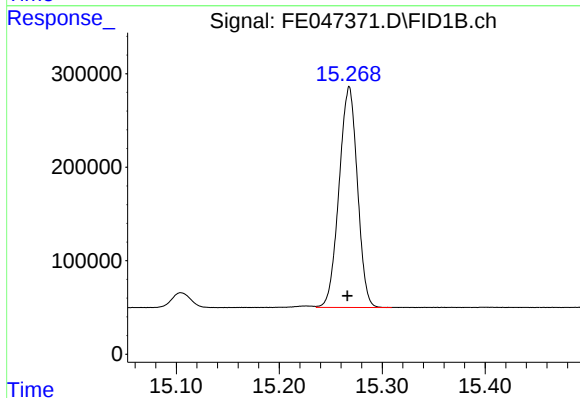
R.T.: 13.415 min
Delta R.T.: 0.002 min
Response: 2424152
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

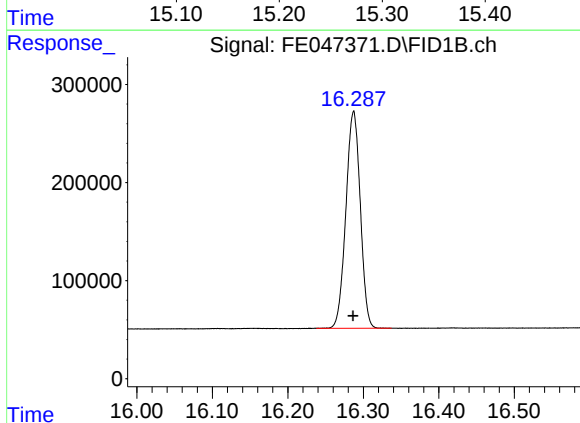
R.T.: 14.167 min
Delta R.T.: 0.001 min
Response: 2876478
Conc: 20.26 ug/ml

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20 PPM ALIPHATIC HC STD



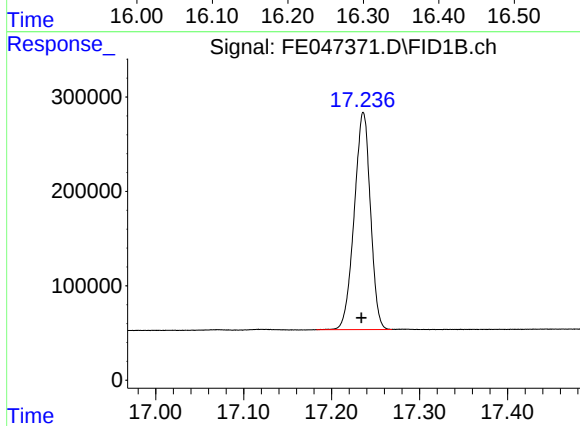
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.002 min
Response: 2922643
Conc: 20.73 ug/ml



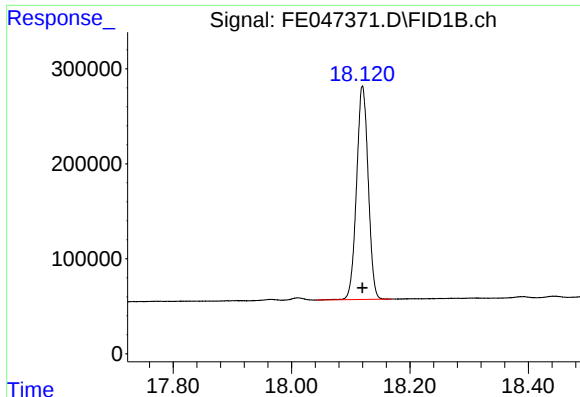
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 2937174
Conc: 21.12 ug/ml



#16 n-Octacosane (C28)

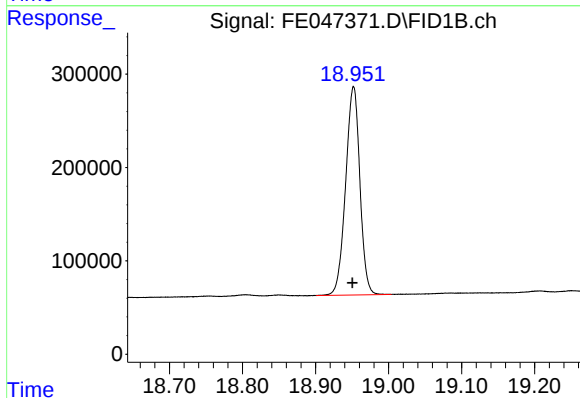
R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 2945935
Conc: 21.56 ug/ml



#17 n-Tricontane (C30)

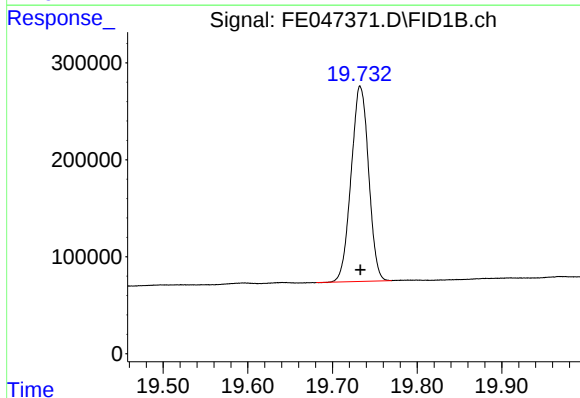
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 3069092
Conc: 22.10 ug/ml

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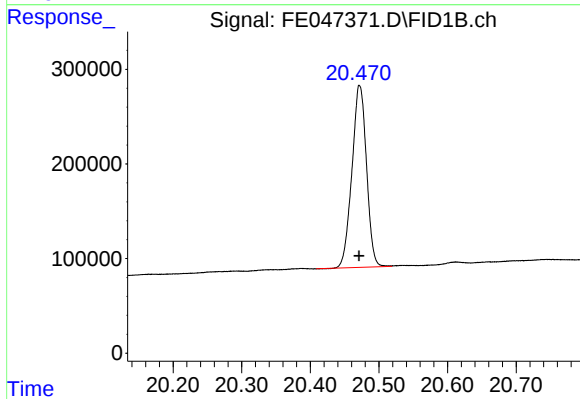
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.002 min
Response: 3026553
Conc: 21.94 ug/ml



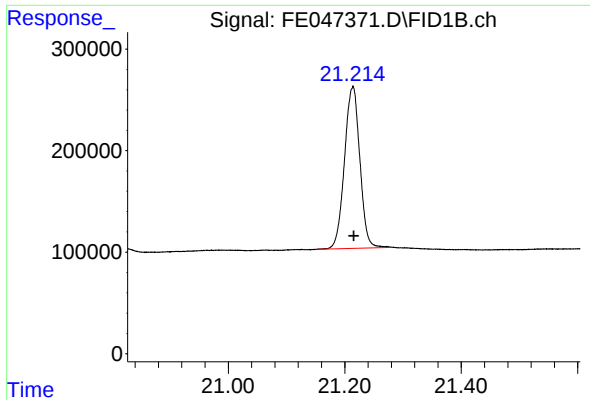
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.000 min
Response: 2887162
Conc: 21.07 ug/ml



#20 n-Hexatriacontane (C36)

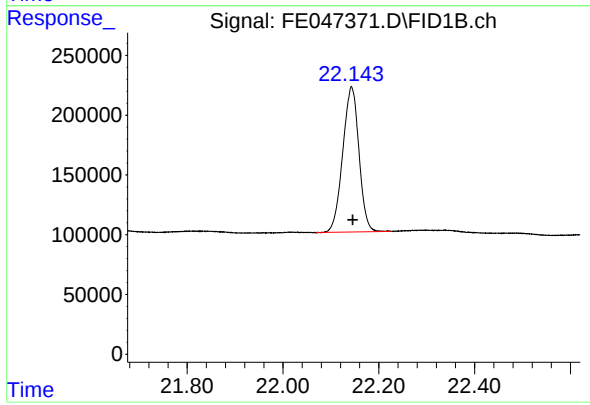
R.T.: 20.472 min
Delta R.T.: 0.000 min
Response: 2834250
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.001 min
Response: 2917287
Conc: 21.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.002 min
Response: 2867270
Conc: 20.01 ug/ml