

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050124AL\
 Data File : FE047920.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2024 22:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 02 02:15:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.972	2846879	19.734 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	13.406	2210749	19.785 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
Target Compounds			
1) T n-Nonane (C9)	3.352	2534629	19.667 ug/ml
2) T n-Decane (C10)	4.605	2616055	19.871 ug/ml
3) T A~Naphthalene (C11.7)	6.313	2750424	19.919 ug/ml
4) T n-Dodecane (C12)	6.771	2642621	19.823 ug/ml
5) T A~2-methylnaphthalene...	7.409	2640506	19.842 ug/ml
6) T n-Tetradecane (C14)	8.599	2616831	19.746 ug/ml
7) T n-Hexadecane (C16)	10.207	2715383	19.743 ug/ml
8) T n-Octadecane (C18)	11.651	2757798	19.798 ug/ml
10) T n-Eicosane (C20)	12.960	2677280	19.884 ug/ml
11) T n-Heneicosane (C21)	13.572	2620672	19.797 ug/ml
13) T n-Docosane (C22)	14.159	2676441	20.196 ug/ml
14) T n-Tetracosane (C24)	15.259	2788057	20.939 ug/ml
15) T n-Hexacosane (C26)	16.280	2860480	21.436 ug/ml
16) T n-Octacosane (C28)	17.230	2942432	22.099 ug/ml
17) T n-Tricontane (C30)	18.117	3116958	22.584 ug/ml
18) T n-Dotriacontane (C32)	18.950	3068723	22.217 ug/ml
19) T n-Tetratriacontane (C34)	19.732	2915266	21.401 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2838523	20.964 ug/ml
21) T n-Octatriacontane (C38)	21.213	2700822	19.562 ug/ml
22) T n-Tetracontane (C40)	22.142	2656868	19.070 ug/ml

(f)=RT Delta > 1/2 Window

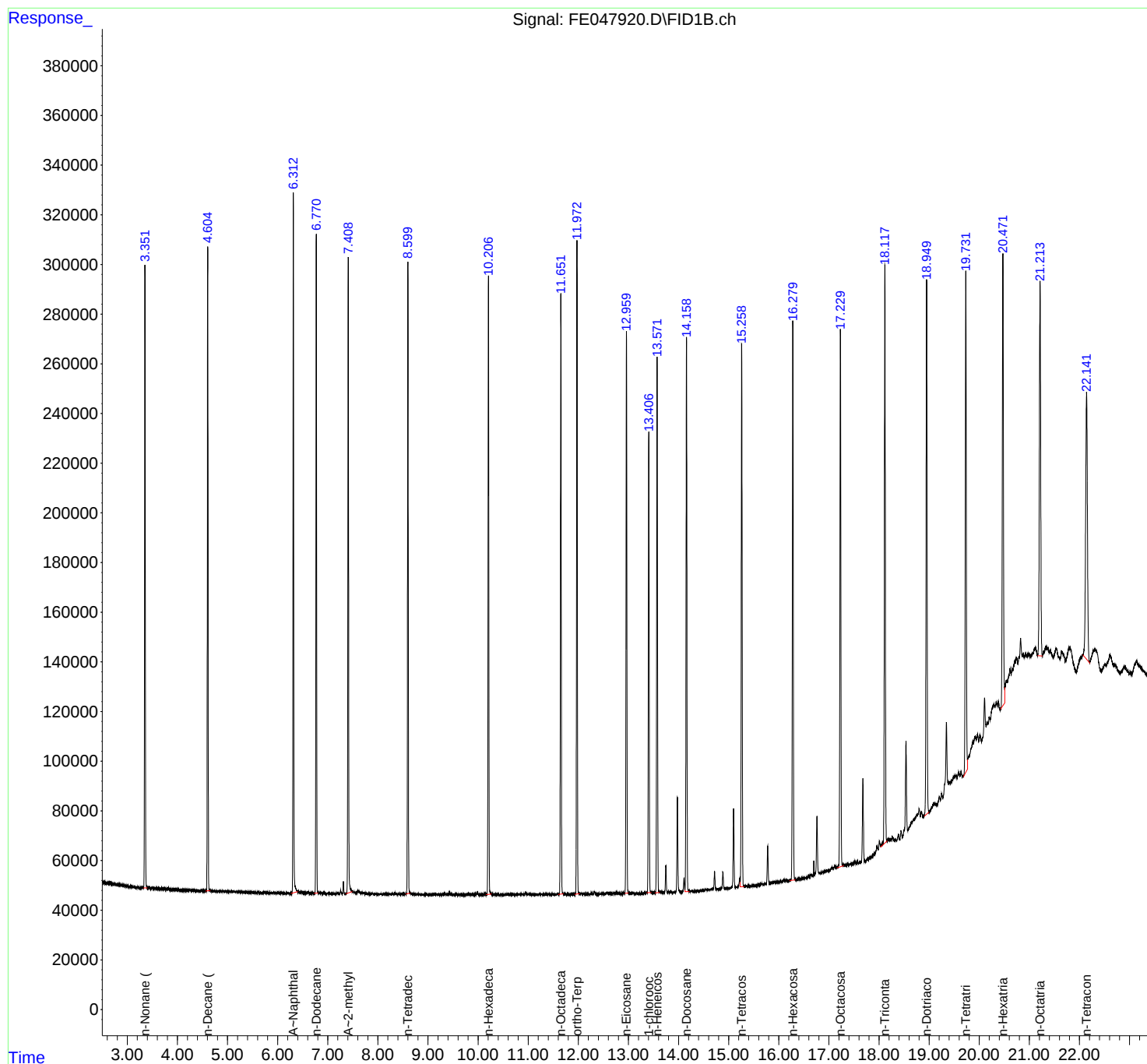
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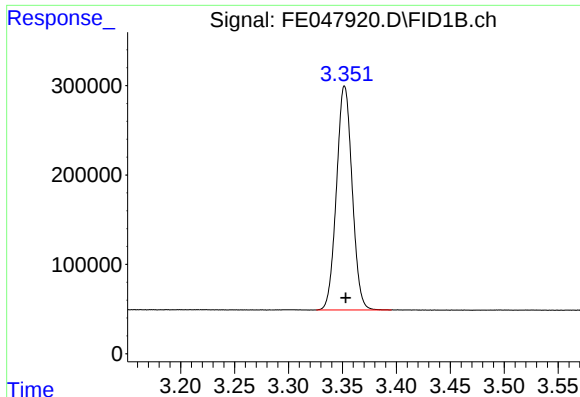
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050124AL\
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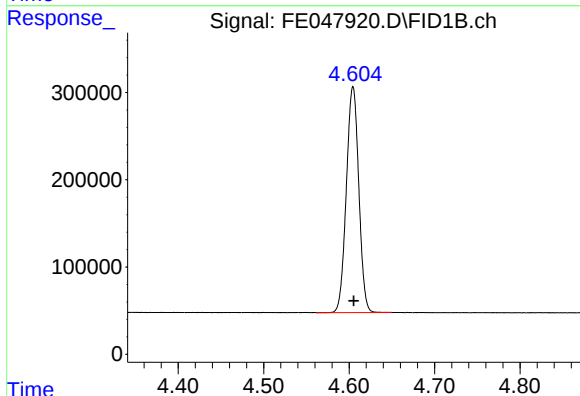




#1 n-Nonane (C9)

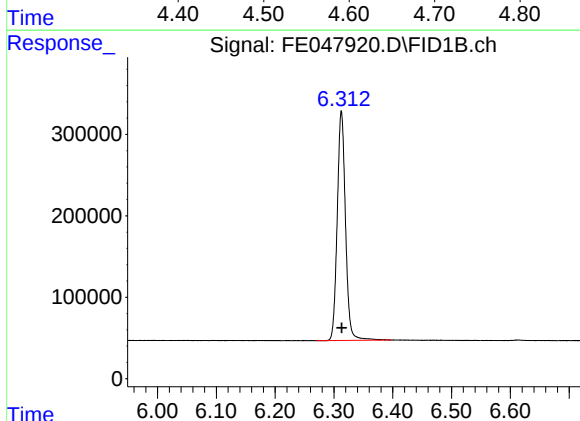
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 2534629
Conc: 19.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



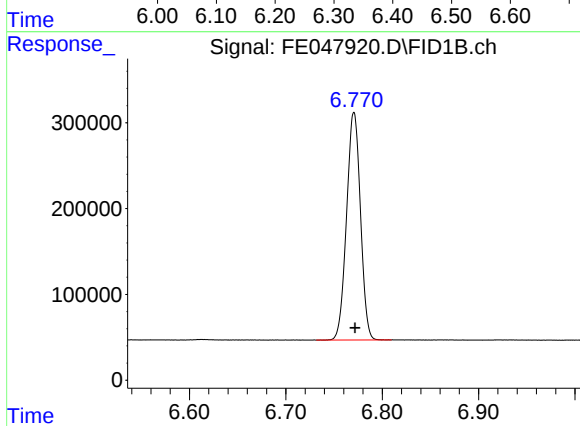
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: -0.001 min
Response: 2616055
Conc: 19.87 ug/ml



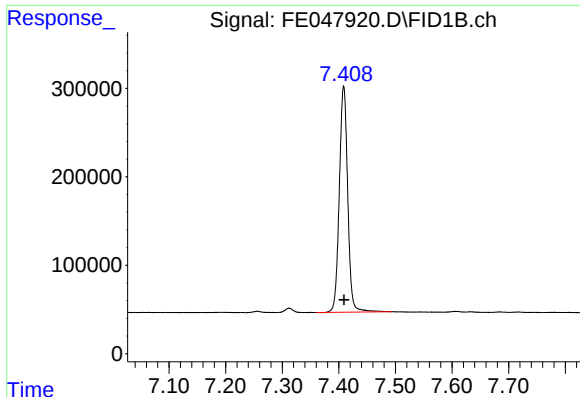
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 2750424
Conc: 19.92 ug/ml



#4 n-Dodecane (C12)

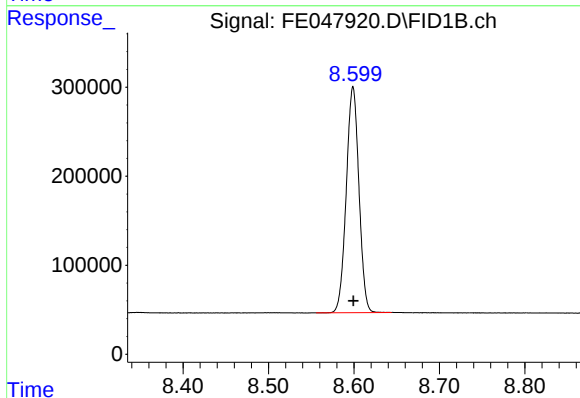
R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 2642621
Conc: 19.82 ug/ml



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

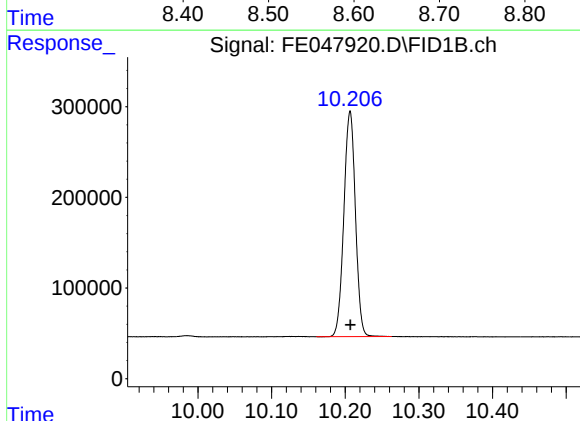
R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 2640506
Conc: 19.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



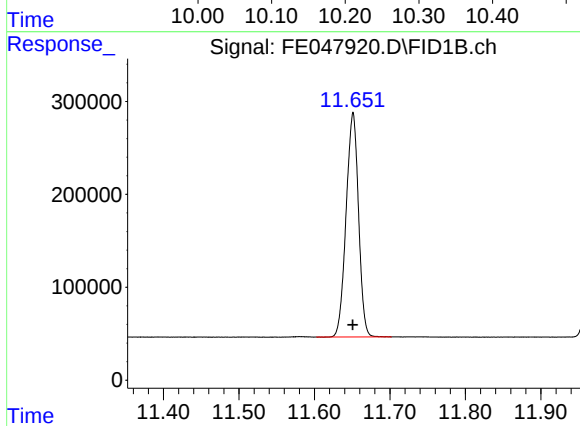
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 2616831
Conc: 19.75 ug/ml



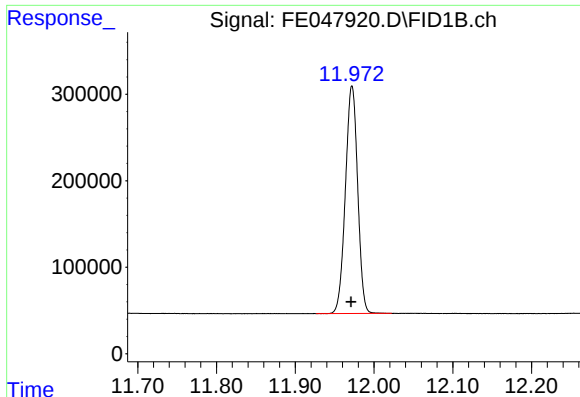
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 2715383
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

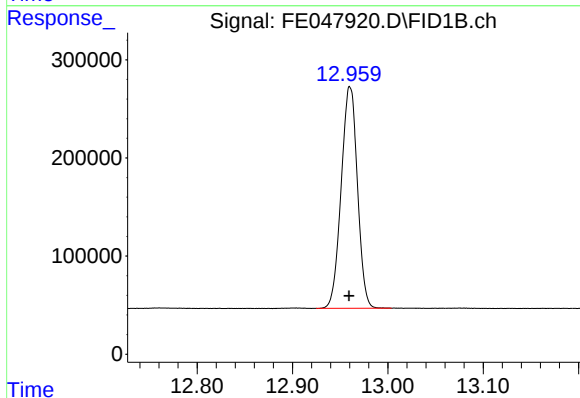
R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 2757798
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

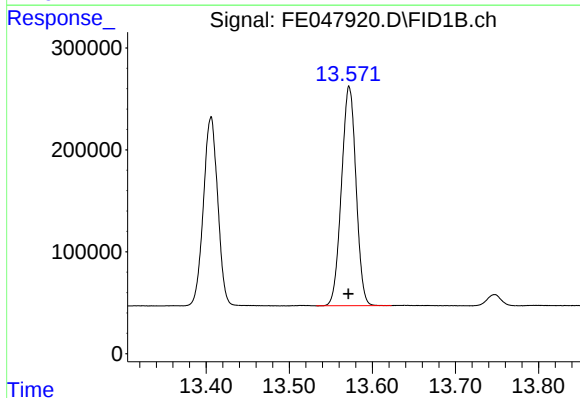
R.T.: 11.972 min
Delta R.T.: 0.001 min
Response: 2846879
Conc: 19.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



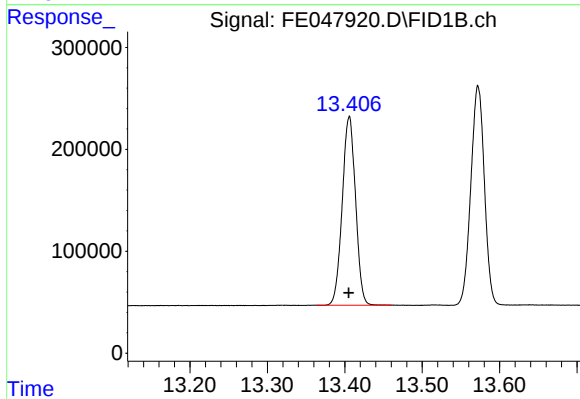
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 2677280
Conc: 19.88 ug/ml



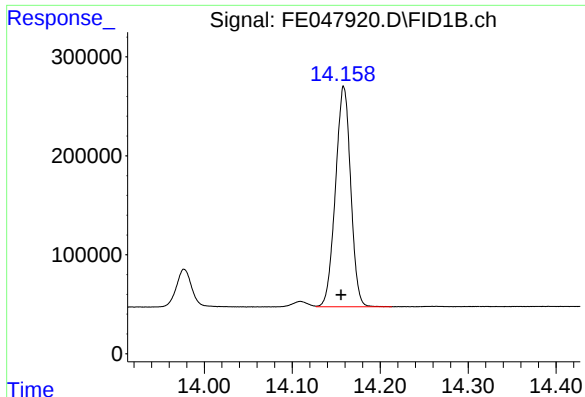
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.001 min
Response: 2620672
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

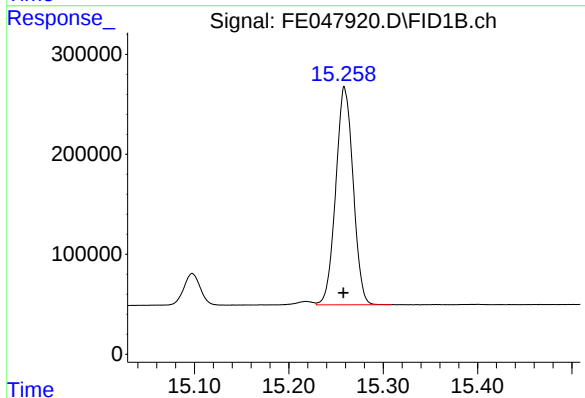
R.T.: 13.406 min
Delta R.T.: 0.000 min
Response: 2210749
Conc: 19.78 ug/ml



#13 n-Docosane (C22)

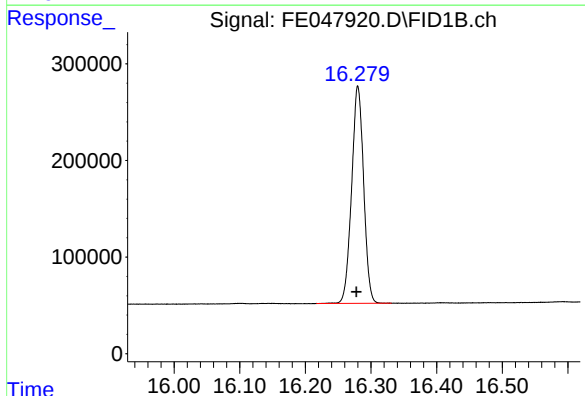
R.T.: 14.159 min
Delta R.T.: 0.003 min
Response: 2676441
Conc: 20.20 ug/ml

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20 PPM ALIPHATIC HC STD



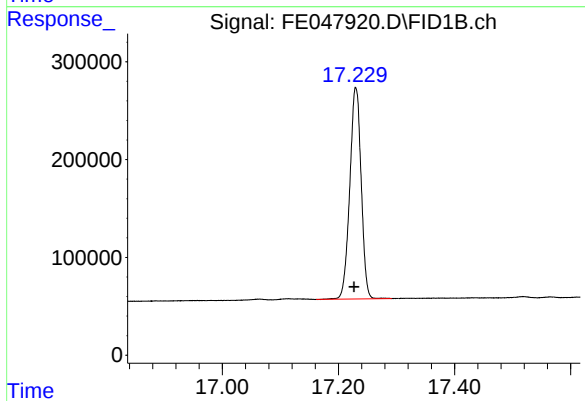
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: 0.001 min
Response: 2788057
Conc: 20.94 ug/ml



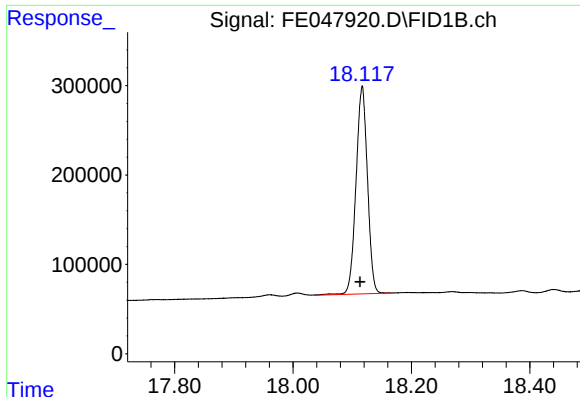
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.002 min
Response: 2860480
Conc: 21.44 ug/ml



#16 n-Octacosane (C28)

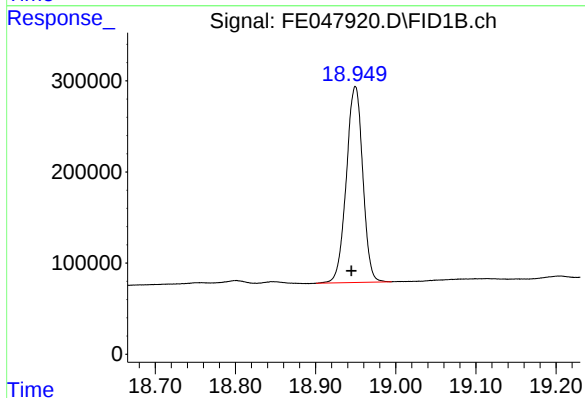
R.T.: 17.230 min
Delta R.T.: 0.003 min
Response: 2942432
Conc: 22.10 ug/ml



#17 n-Tricontane (C30)

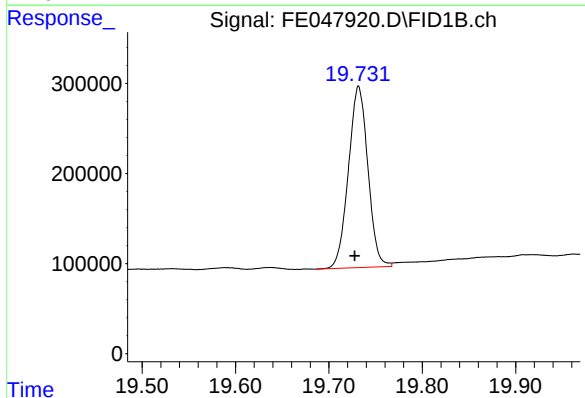
R.T.: 18.117 min
Delta R.T.: 0.004 min
Response: 3116958
Conc: 22.58 ug/ml

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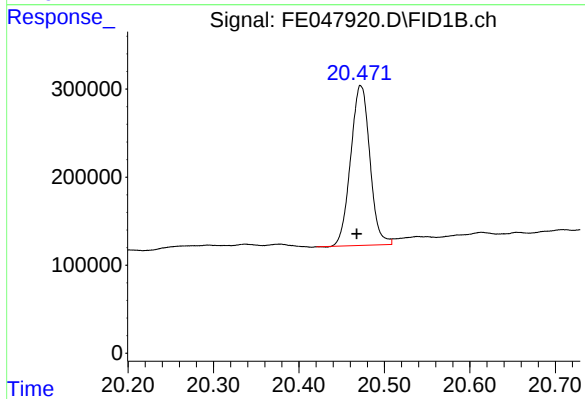
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: 0.005 min
Response: 3068723
Conc: 22.22 ug/ml



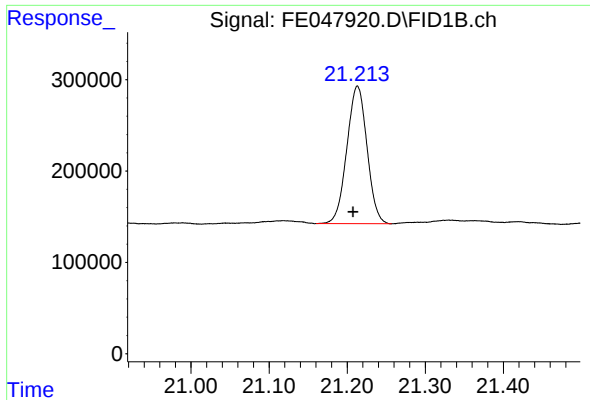
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: 0.004 min
Response: 2915266
Conc: 21.40 ug/ml



#20 n-Hexatriacontane (C36)

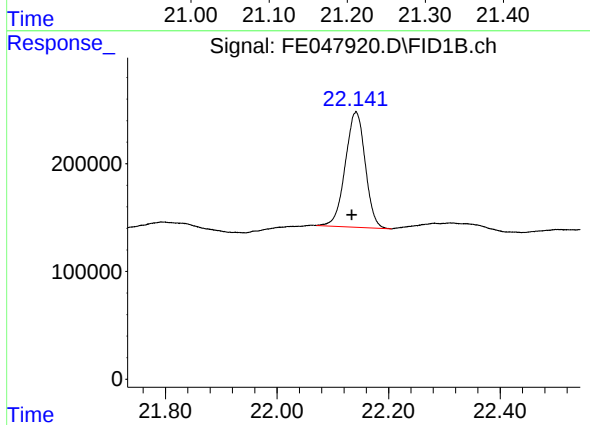
R.T.: 20.472 min
Delta R.T.: 0.005 min
Response: 2838523
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.006 min
Response: 2700822
Conc: 19.56 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.008 min
Response: 2656868
Conc: 19.07 ug/ml