

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112223AL\
 Data File : FE045491.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2023 05:41
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/24/2023
 Supervised By :Ankita Jodhani 11/27/2023

Integration File: autoint1.e
 Quant Time: Nov 22 22:45:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 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)	11.873	3766324	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.316	2681182	19.466 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.259	3239992	19.613 ug/ml
2) T n-Decane (C10)	4.510	3287621	19.607 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3494742	19.578 ug/ml
4) T n-Dodecane (C12)	6.677	3305998	19.575 ug/ml
5) T A~2-methylnaphthalene...	7.307	3356817	19.548 ug/ml
6) T n-Tetradecane (C14)	8.504	3257235	19.543 ug/ml
7) T n-Hexadecane (C16)	10.115	3281332	19.508 ug/ml
8) T n-Octadecane (C18)	11.560	3265967	19.513 ug/ml
10) T n-Eicosane (C20)	12.872	3103418	19.591 ug/ml
11) T n-Heneicosane (C21)	13.484	3016193	19.617 ug/ml
13) T n-Docosane (C22)	14.072	2971100	19.609 ug/ml
14) T n-Tetracosane (C24)	15.177	2882190	19.460 ug/ml
15) T n-Hexacosane (C26)	16.200	2832835	19.436 ug/ml
16) T n-Octacosane (C28)	17.152	2834785	19.399 ug/ml
17) T n-Tricontane (C30)	18.042	2929287	19.285 ug/ml
18) T n-Dotriacontane (C32)	18.878	3040258	19.461 ug/mlm
19) T n-Tetratriacontane (C34)	19.662	3030324	19.408 ug/ml
20) T n-Hexatriacontane (C36)	20.405	3139341	19.341 ug/ml
21) T n-Octatriacontane (C38)	21.140	3319764	19.981 ug/ml
22) T n-Tetracontane (C40)	22.050	3028590	17.731 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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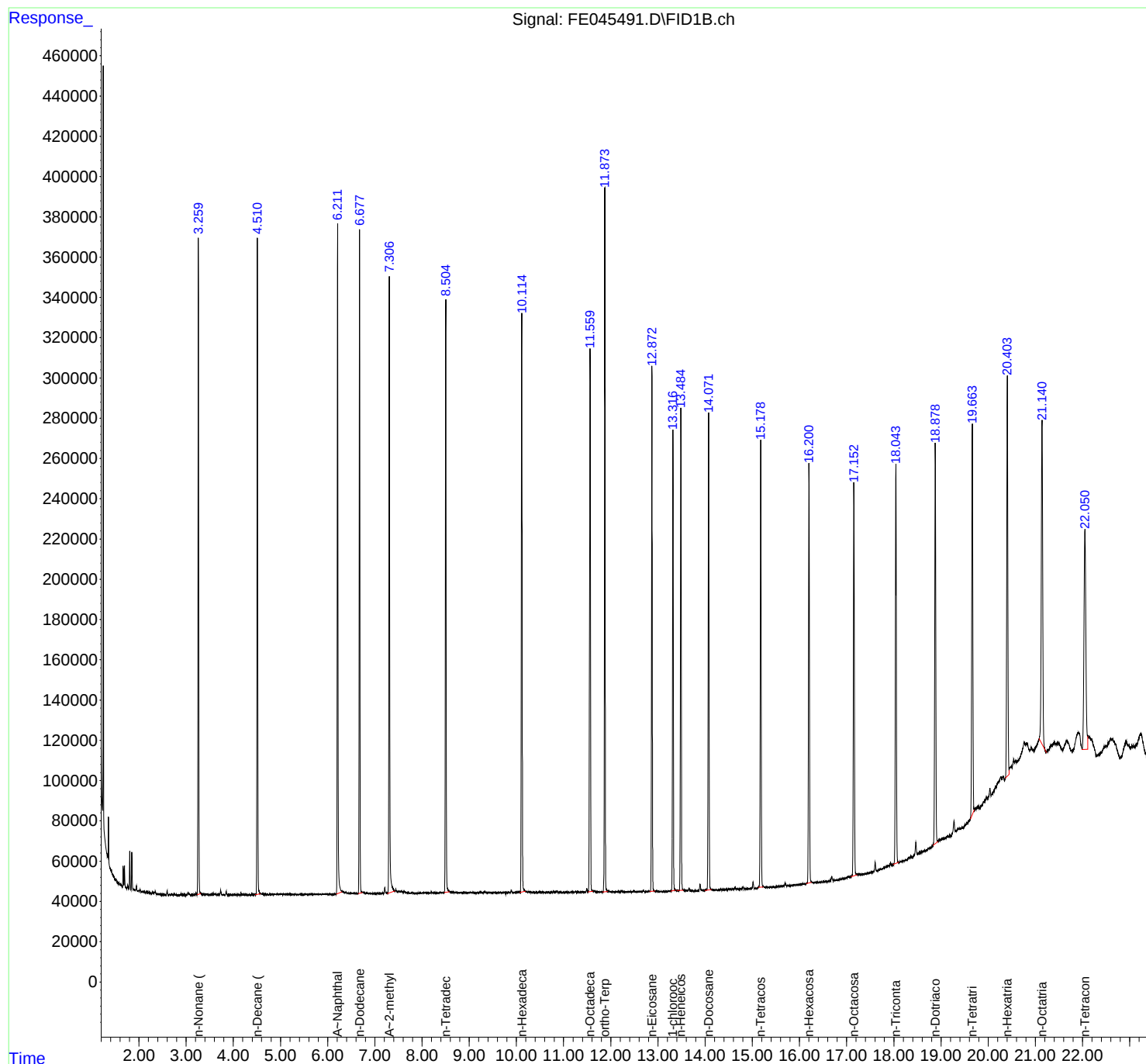
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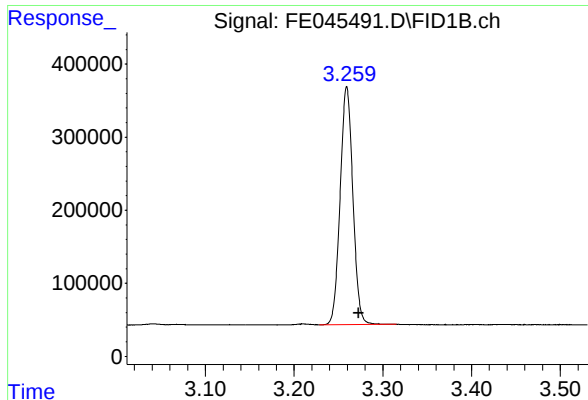
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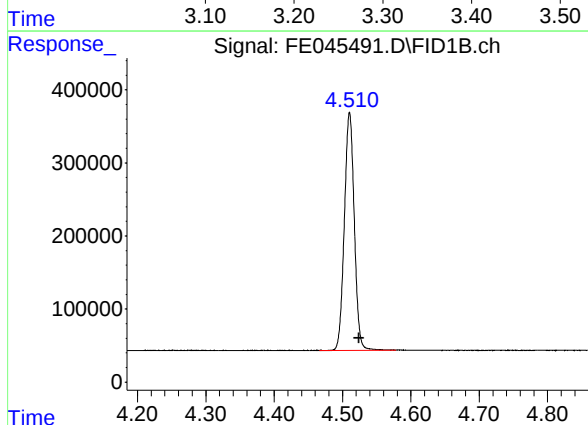
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.014 min
Response: 3239992
Conc: 19.61 ug/ml

Instrument :
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ClientSampleId :
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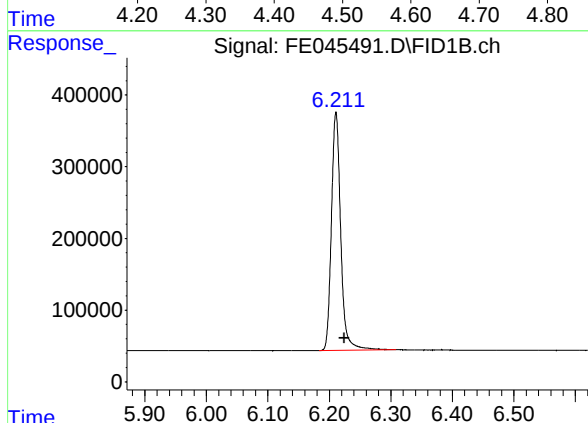
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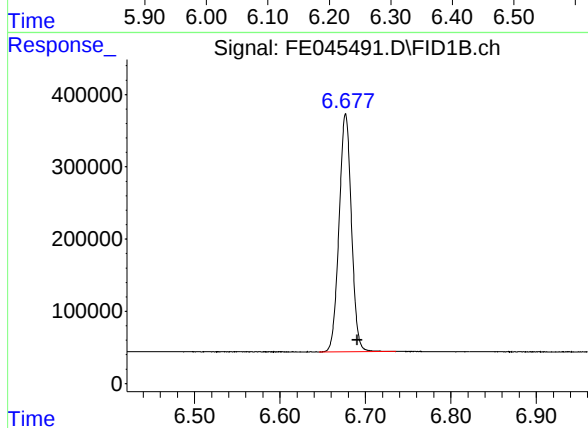
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.014 min
Response: 3287621
Conc: 19.61 ug/ml



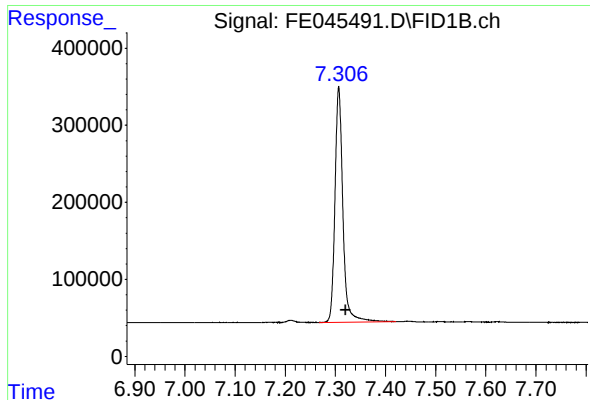
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.014 min
Response: 3494742
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.677 min
Delta R.T.: -0.013 min
Response: 3305998
Conc: 19.58 ug/ml



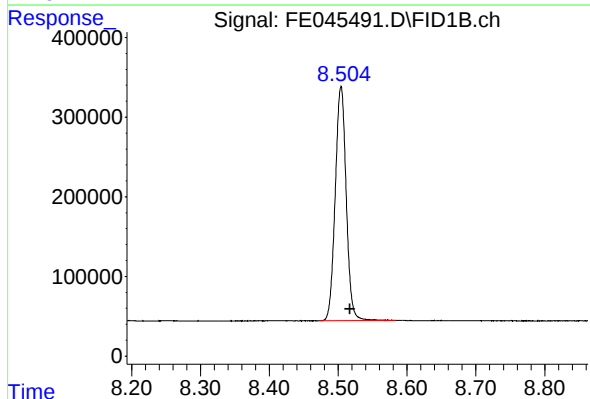
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.307 min
Delta R.T.: -0.014 min
Response: 3356817
Conc: 19.55 ug/ml

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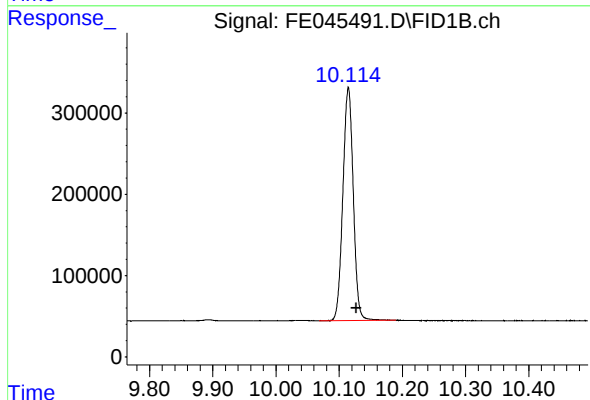
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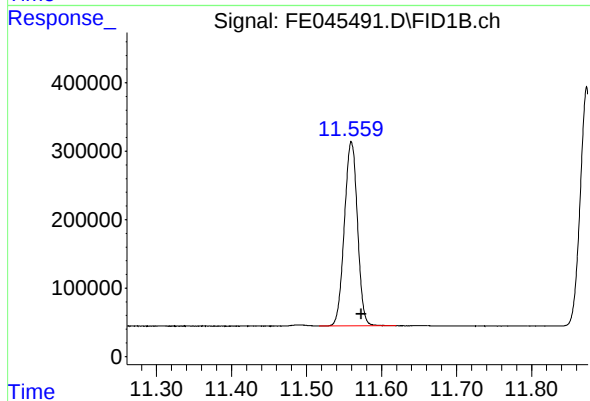
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.013 min
Response: 3257235
Conc: 19.54 ug/ml



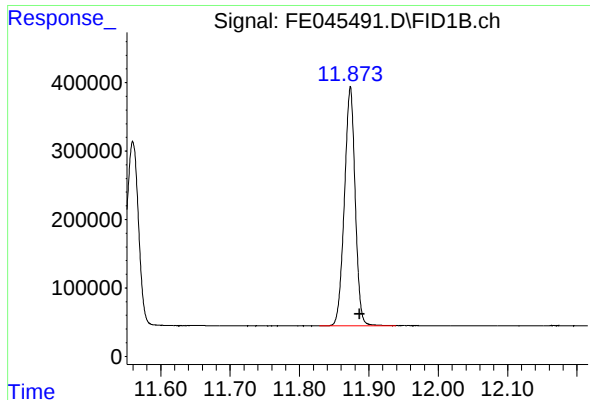
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.012 min
Response: 3281332
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: -0.013 min
Response: 3265967
Conc: 19.51 ug/ml



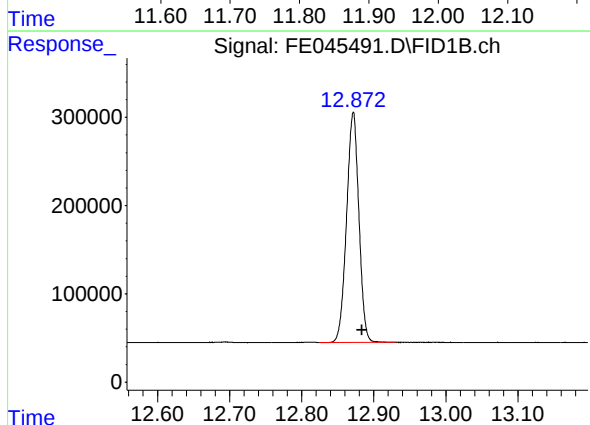
#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.013 min
Response: 3766324
Conc: 19.73 ug/ml

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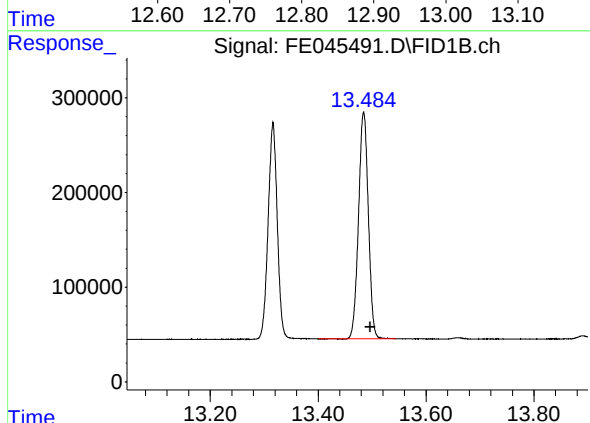
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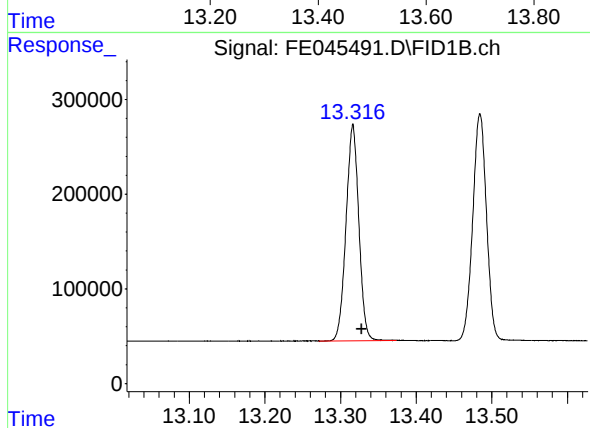
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.012 min
Response: 3103418
Conc: 19.59 ug/ml



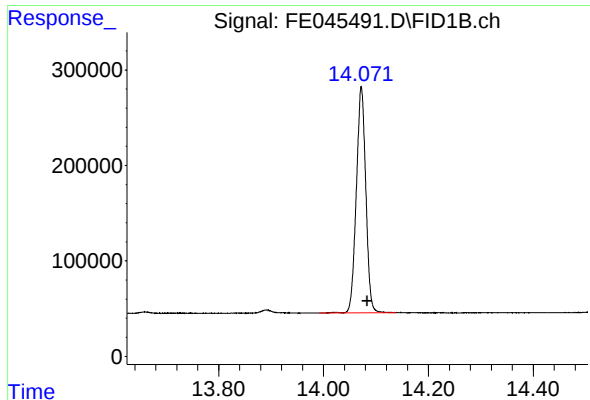
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: -0.012 min
Response: 3016193
Conc: 19.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: -0.012 min
Response: 2681182
Conc: 19.47 ug/ml



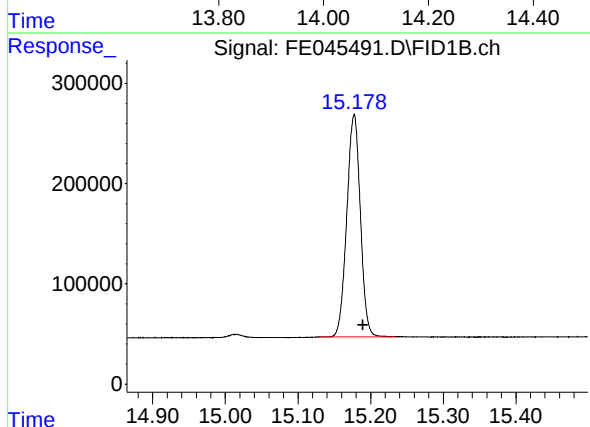
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: -0.012 min
Response: 2971100
Conc: 19.61 ug/ml

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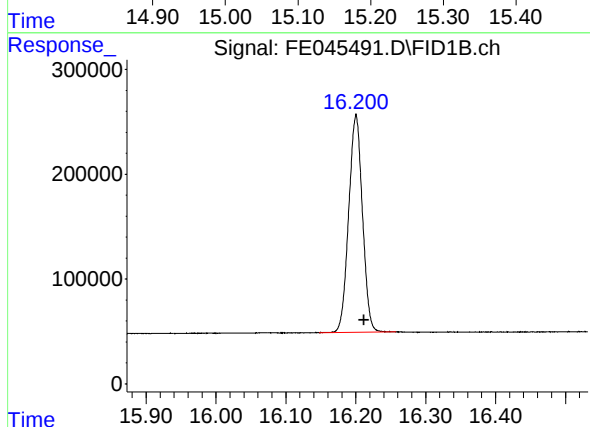
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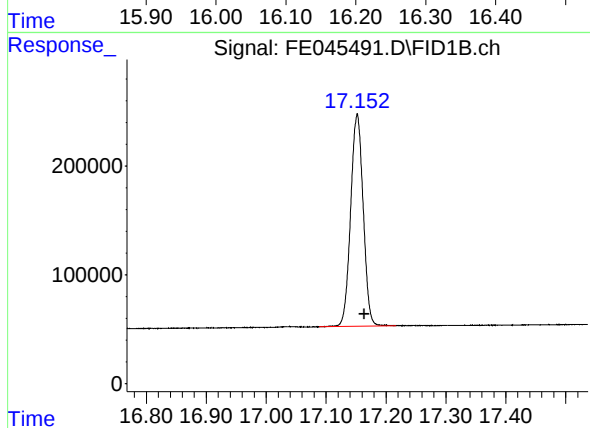
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.012 min
Response: 2882190
Conc: 19.46 ug/ml



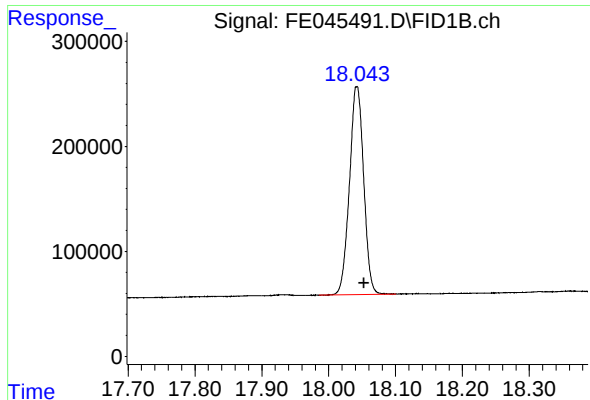
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.011 min
Response: 2832835
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: -0.011 min
Response: 2834785
Conc: 19.40 ug/ml



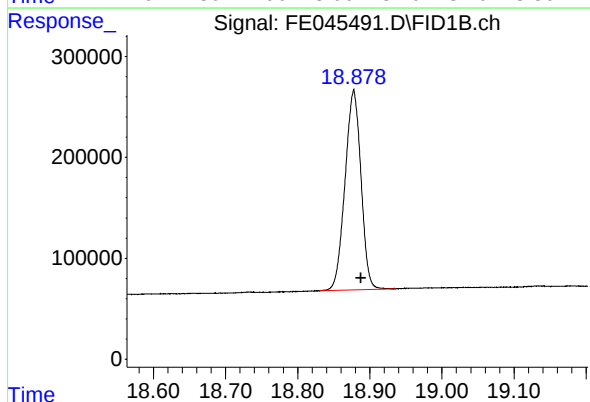
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 2929287
Conc: 19.28 ug/ml

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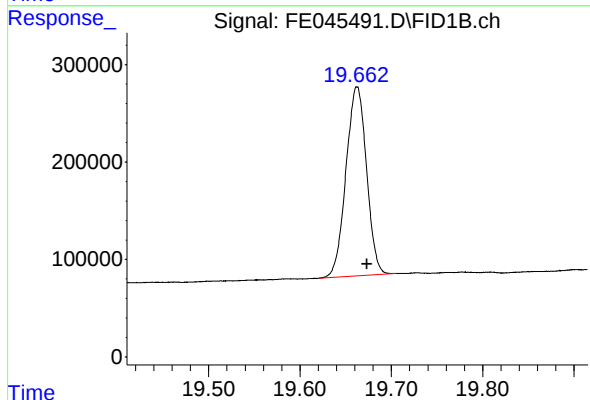
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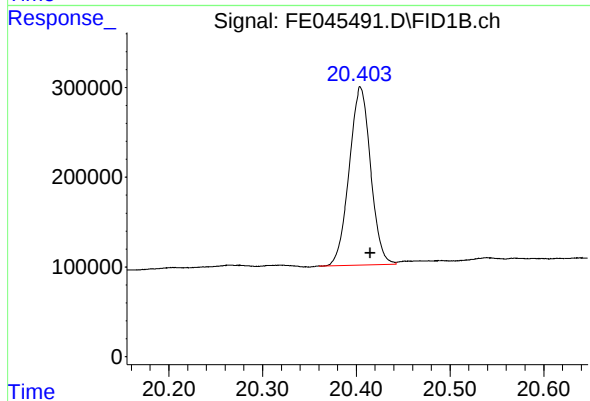
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: -0.010 min
Response: 3040258
Conc: 19.46 ug/ml m



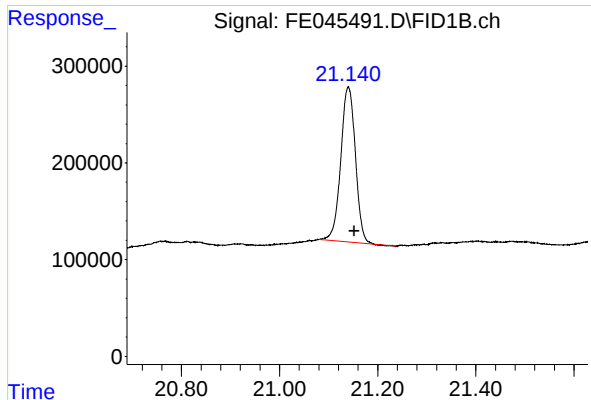
#19 n-Tetatriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.011 min
Response: 3030324
Conc: 19.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.405 min
Delta R.T.: -0.010 min
Response: 3139341
Conc: 19.34 ug/ml



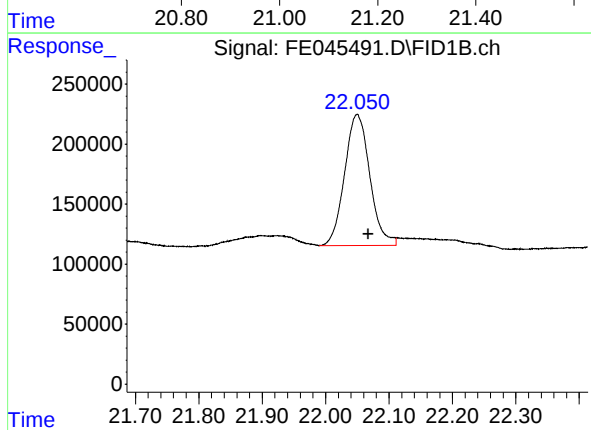
#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.012 min
Response: 3319764
Conc: 19.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: -0.018 min
Response: 3028590
Conc: 17.73 ug/ml m