

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111924AL\
 Data File : FE051337.D
 Signal(s) : FID1B.ch
 Acq On : 19 Nov 2024 06:55
 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: Nov 19 09:41:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.846	3221406	21.462 ug/ml
Spiked Amount 50.000		Recovery =	42.92%
12) S 1-chlorooctadecane (S...	13.278	2432697	21.428 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
Target Compounds			
1) T n-Nonane (C9)	3.236	3370852	24.361 ug/ml
2) T n-Decane (C10)	4.486	3415177	24.363 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3112245	23.605 ug/ml
4) T n-Dodecane (C12)	6.652	3361001	23.804 ug/ml
5) T A~2-methylnaphthalene...	7.294	2878152	23.008 ug/ml
6) T n-Tetradecane (C14)	8.479	3216415	23.079 ug/ml
7) T n-Hexadecane (C16)	10.084	3180113	22.410 ug/ml
8) T n-Octadecane (C18)	11.525	3128503	21.907 ug/ml
10) T n-Eicosane (C20)	12.832	2955594	21.597 ug/ml
11) T n-Heneicosane (C21)	13.443	2863855	21.429 ug/ml
13) T n-Docosane (C22)	14.029	2932931	22.060 ug/ml
14) T n-Tetracosane (C24)	15.130	2987387	22.519 ug/ml
15) T n-Hexacosane (C26)	16.149	3023544	22.586 ug/ml
16) T n-Octacosane (C28)	17.098	3091072	22.674 ug/ml
17) T n-Tricontane (C30)	17.986	3188964	21.949 ug/ml
18) T n-Dotriacontane (C32)	18.817	3195558	21.522 ug/ml
19) T n-Tetratriacontane (C34)	19.600	2839005	21.129 ug/ml
20) T n-Hexatriacontane (C36)	20.338	2470546	20.705 ug/ml
21) T n-Octatriacontane (C38)	21.062	2177655	19.133 ug/ml
22) T n-Tetracontane (C40)	21.941	1879904	16.902 ug/ml

(f)=RT Delta > 1/2 Window

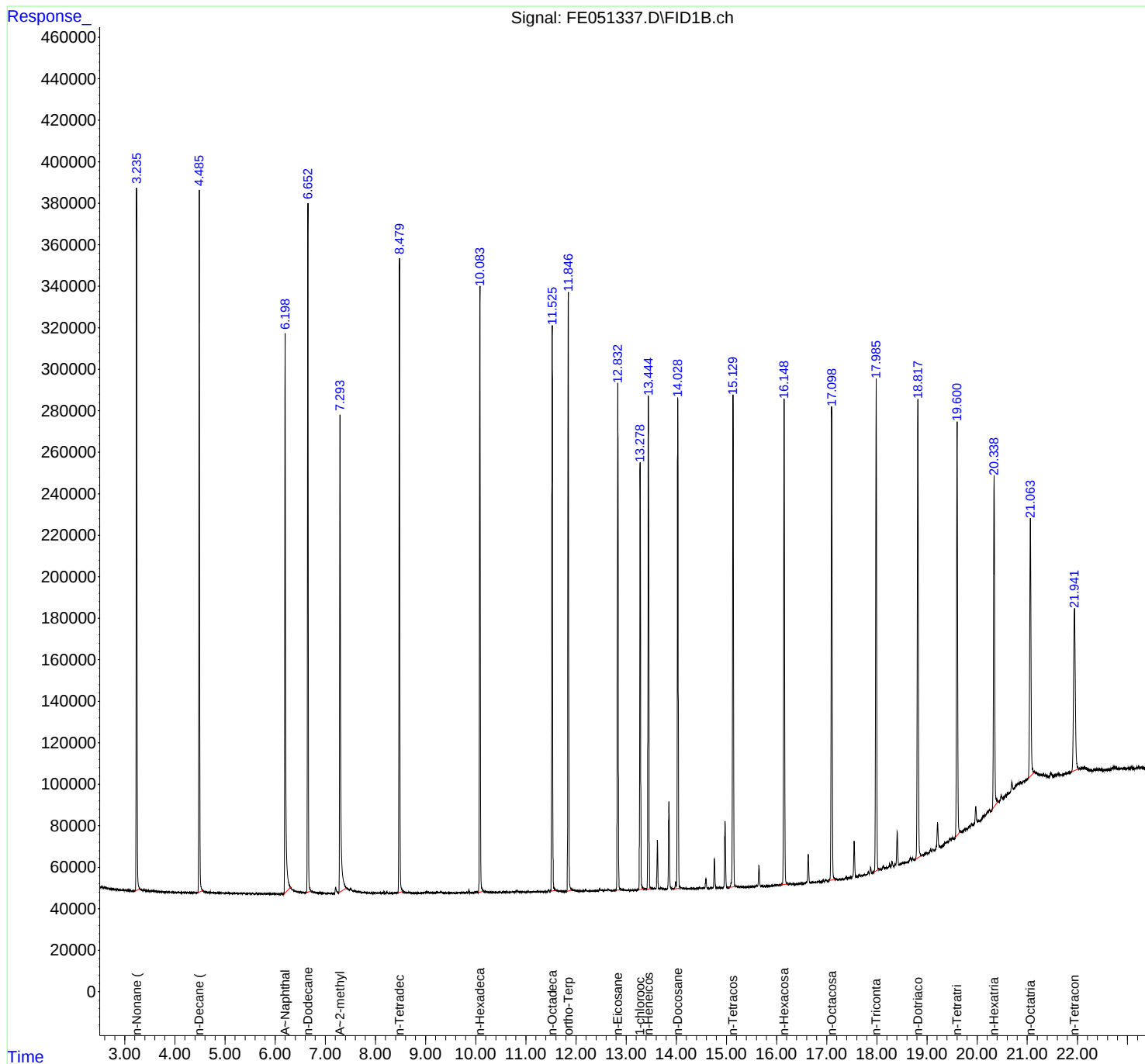
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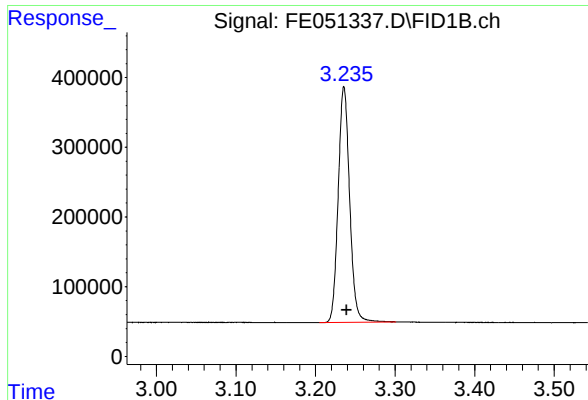
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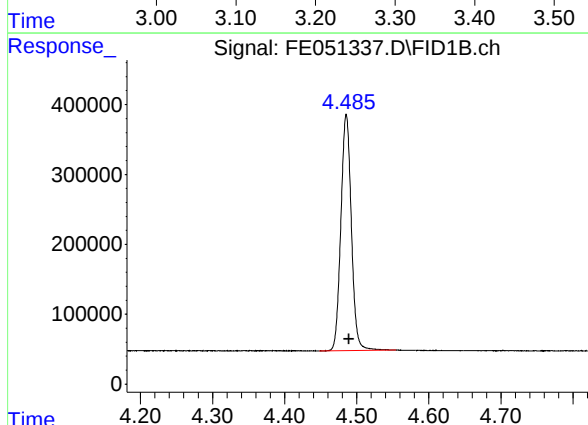




#1 n-Nonane (C9)

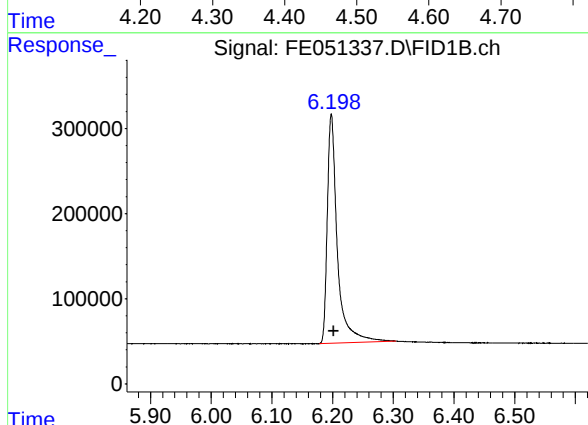
R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 3370852
Conc: 24.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



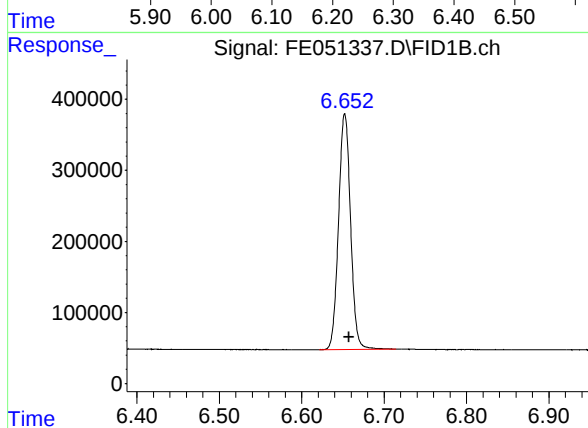
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 3415177
Conc: 24.36 ug/ml



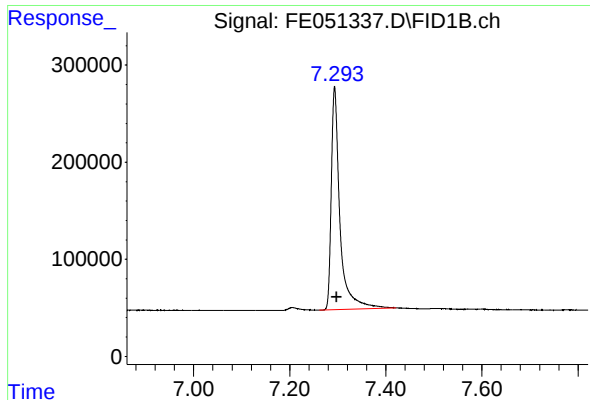
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 3112245
Conc: 23.60 ug/ml



#4 n-Dodecane (C12)

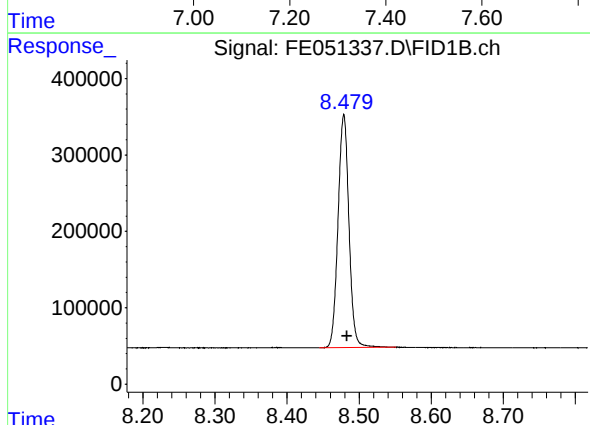
R.T.: 6.652 min
Delta R.T.: -0.005 min
Response: 3361001
Conc: 23.80 ug/ml



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

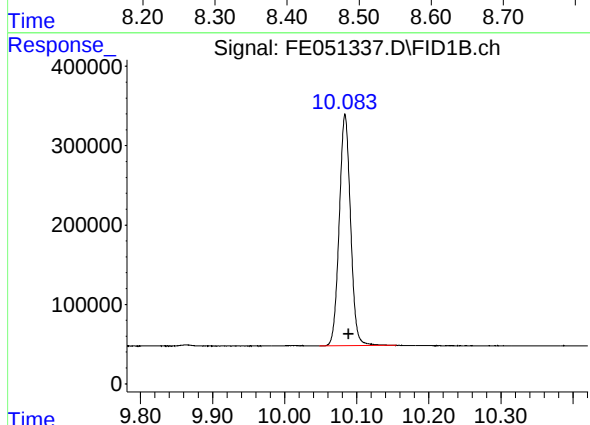
R.T.: 7.294 min
Delta R.T.: -0.004 min
Response: 2878152
Conc: 23.01 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



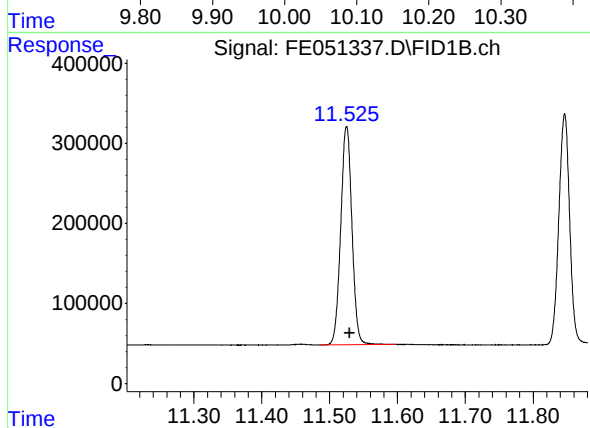
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.005 min
Response: 3216415
Conc: 23.08 ug/ml



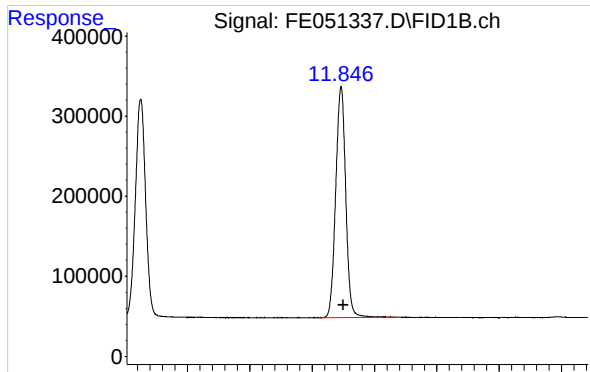
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.005 min
Response: 3180113
Conc: 22.41 ug/ml



#8 n-Octadecane (C18)

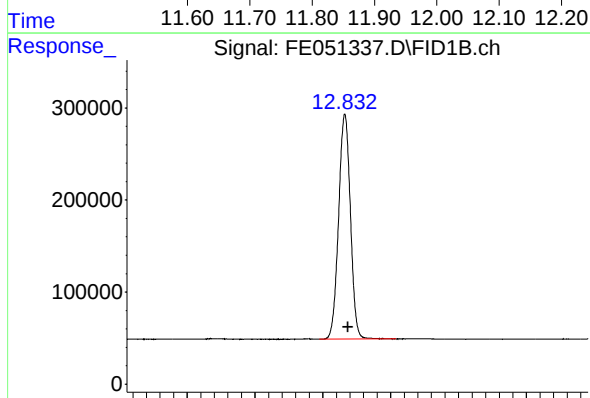
R.T.: 11.525 min
Delta R.T.: -0.005 min
Response: 3128503
Conc: 21.91 ug/ml



#9 ortho-Terphenyl (SURR)

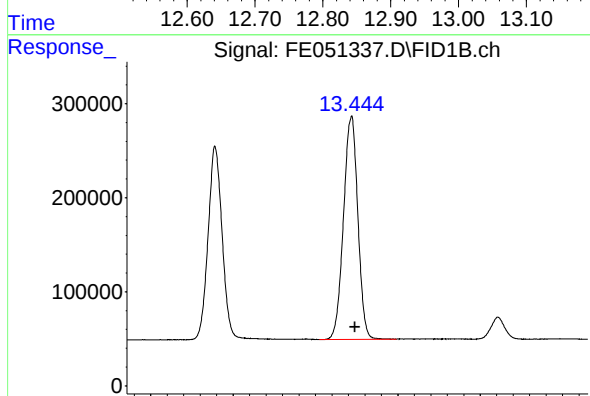
R.T.: 11.846 min
Delta R.T.: -0.004 min
Response: 3221406
Conc: 21.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



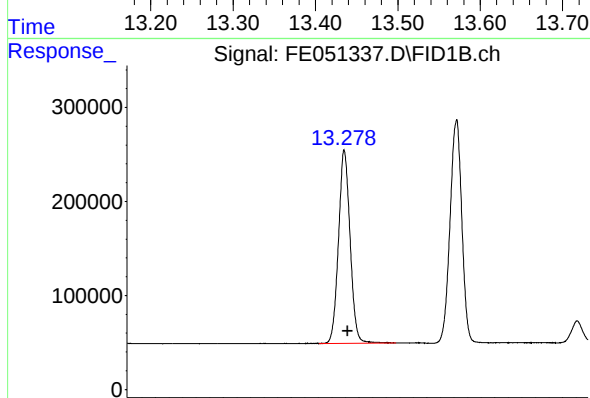
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.005 min
Response: 2955594
Conc: 21.60 ug/ml



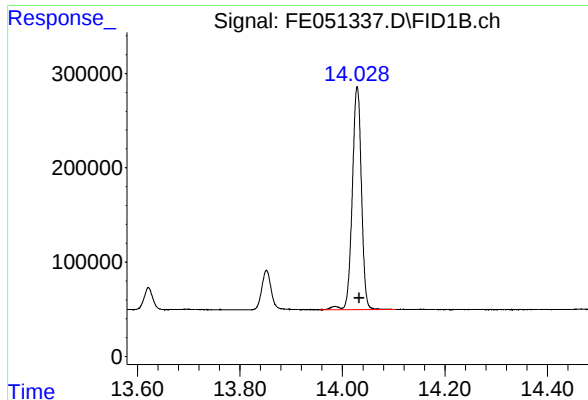
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.004 min
Response: 2863855
Conc: 21.43 ug/ml



#12 1-chlorooctadecane (SURR)

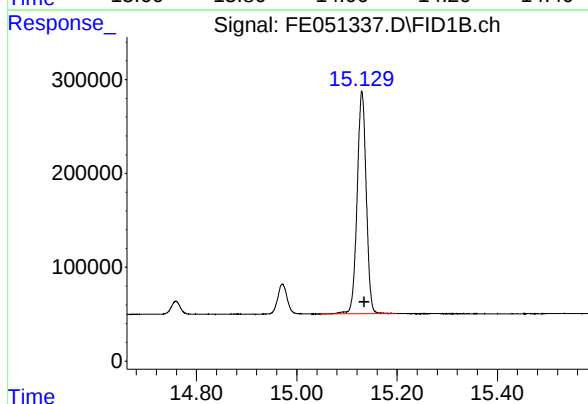
R.T.: 13.278 min
Delta R.T.: -0.005 min
Response: 2432697
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

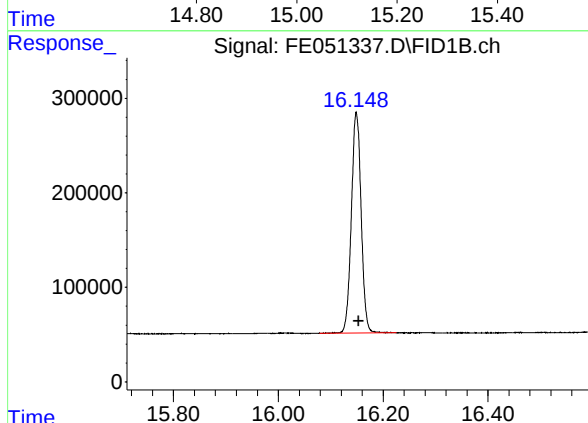
R.T.: 14.029 min
Delta R.T.: -0.005 min
Response: 2932931
Conc: 22.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



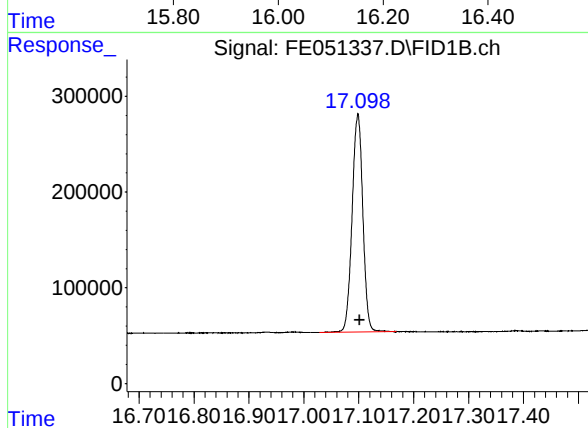
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.004 min
Response: 2987387
Conc: 22.52 ug/ml



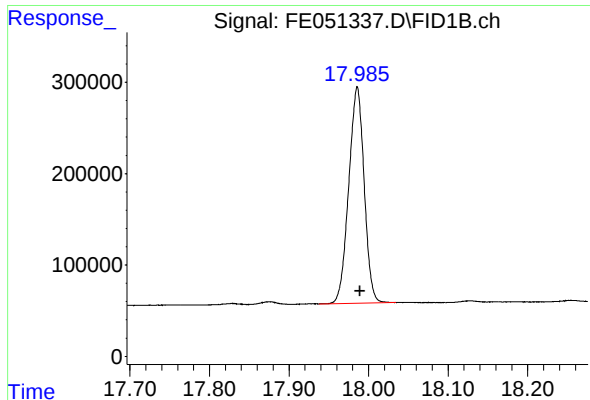
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.005 min
Response: 3023544
Conc: 22.59 ug/ml



#16 n-Octacosane (C28)

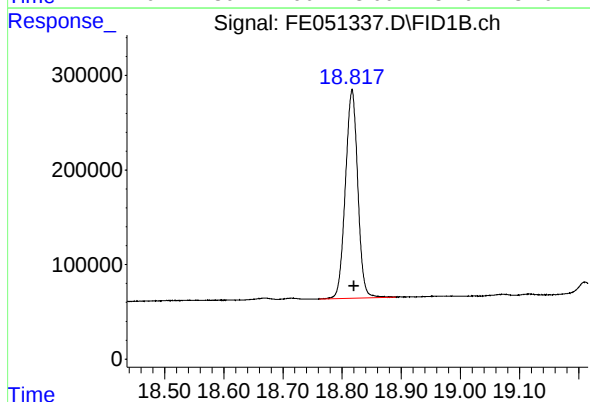
R.T.: 17.098 min
Delta R.T.: -0.004 min
Response: 3091072
Conc: 22.67 ug/ml



#17 n-Tricontane (C30)

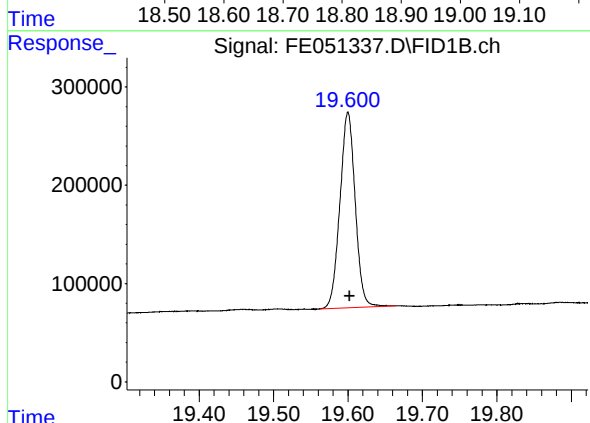
R.T.: 17.986 min
Delta R.T.: -0.003 min
Response: 3188964
Conc: 21.95 ug/ml

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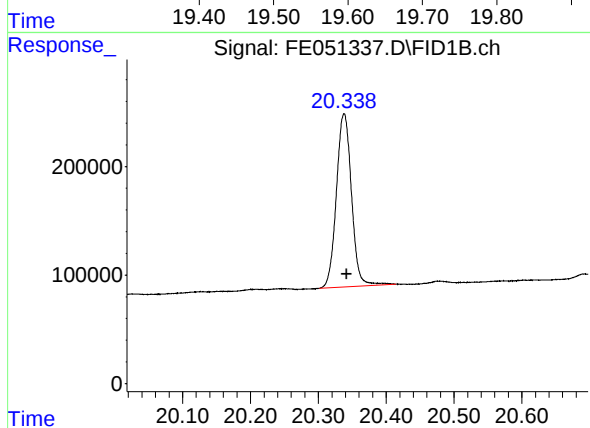
#18 n-Dotriacontane (C32)

R.T.: 18.817 min
Delta R.T.: -0.003 min
Response: 3195558
Conc: 21.52 ug/ml



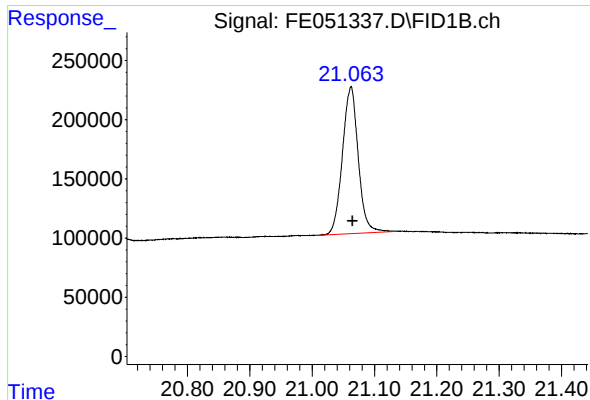
#19 n-Tetatriacontane (C34)

R.T.: 19.600 min
Delta R.T.: -0.002 min
Response: 2839005
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

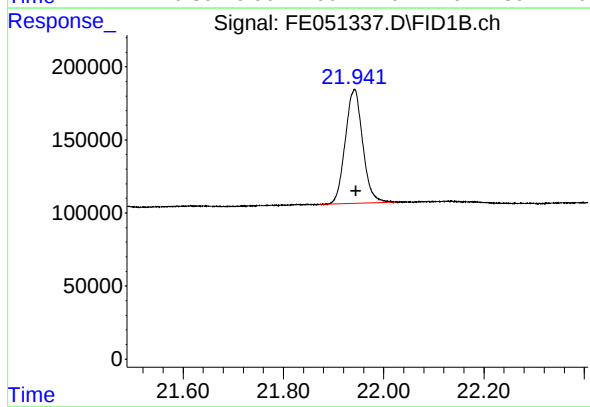
R.T.: 20.338 min
Delta R.T.: -0.004 min
Response: 2470546
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: -0.003 min
Response: 2177655
Conc: 19.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: -0.003 min
Response: 1879904
Conc: 16.90 ug/ml