

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102424AL\
 Data File : FE050829.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2024 22:47
 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: Oct 25 02:03:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.856	3277311	20.788 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
12) S 1-chlorooctadecane (S...	13.289	2472720	20.903 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T n-Nonane (C9)	3.246	2934832	20.772 ug/ml
2) T n-Decane (C10)	4.496	3049263	21.253 ug/ml
3) T A~Naphthalene (C11.7)	6.207	3036916	21.239 ug/ml
4) T n-Dodecane (C12)	6.663	3052229	21.206 ug/ml
5) T A~2-methylnaphthalene...	7.303	2827729	21.345 ug/ml
6) T n-Tetradecane (C14)	8.489	3020716	21.114 ug/ml
7) T n-Hexadecane (C16)	10.094	3104515	21.095 ug/ml
8) T n-Octadecane (C18)	11.536	3114203	20.849 ug/ml
10) T n-Eicosane (C20)	12.844	2960691	20.646 ug/ml
11) T n-Heneicosane (C21)	13.455	2900821	20.656 ug/ml
13) T n-Docosane (C22)	14.040	2875082	20.493 ug/ml
14) T n-Tetracosane (C24)	15.141	2894626	20.489 ug/ml
15) T n-Hexacosane (C26)	16.160	2898996	20.602 ug/ml
16) T n-Octacosane (C28)	17.109	2959209	20.223 ug/ml
17) T n-Tricontane (C30)	17.996	3248954	20.433 ug/ml
18) T n-Dotriacontane (C32)	18.828	3362216	20.740 ug/ml
19) T n-Tetratriacontane (C34)	19.610	3039648	20.693 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2638745	20.808 ug/ml
21) T n-Octatriacontane (C38)	21.076	2454884	19.854 ug/ml
22) T n-Tetracontane (C40)	21.959	2159509	19.394 ug/ml

(f)=RT Delta > 1/2 Window

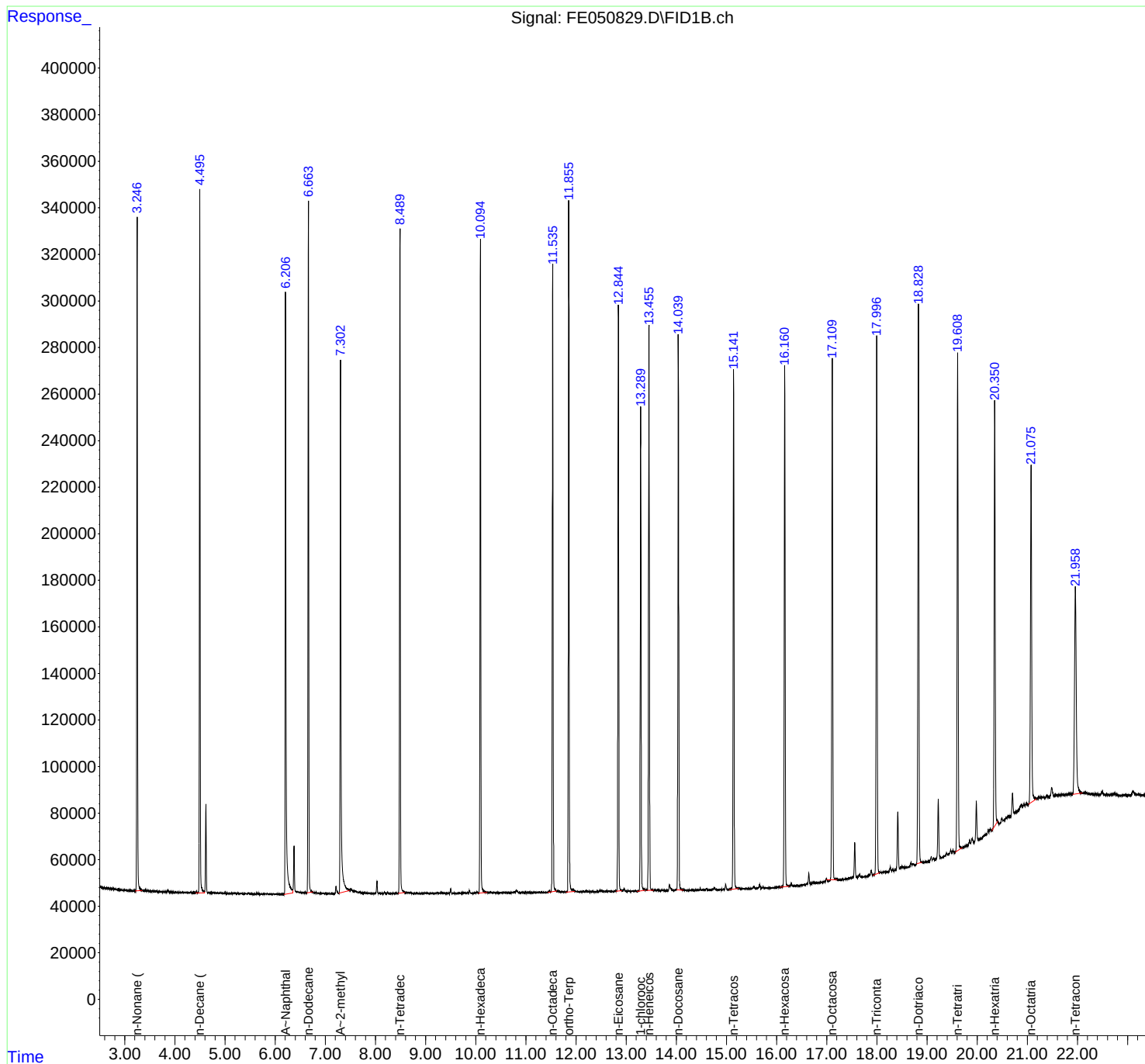
(m)=manual int.

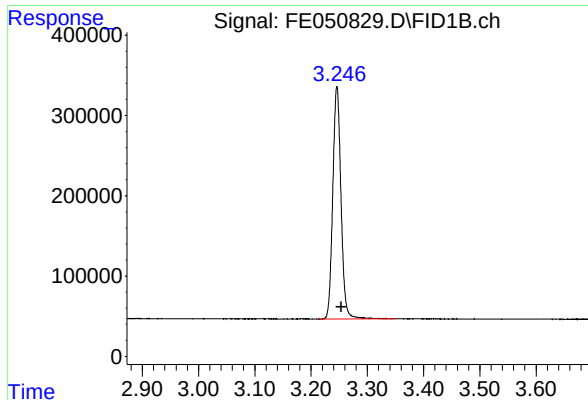
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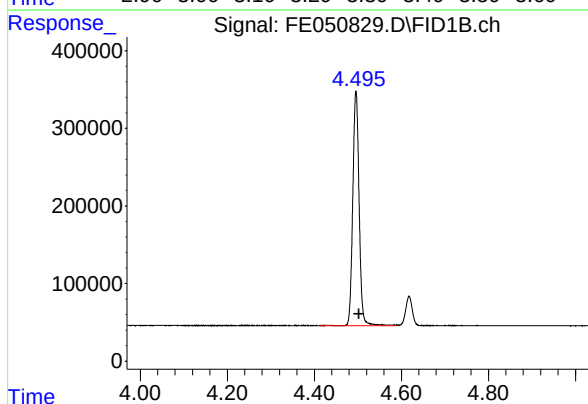




#1 n-Nonane (C9)

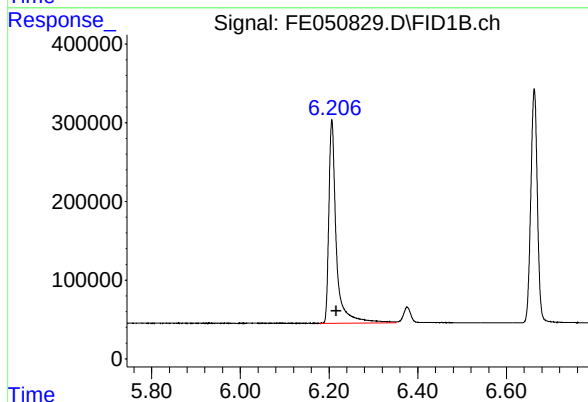
R.T.: 3.246 min
Delta R.T.: -0.008 min
Response: 2934832
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



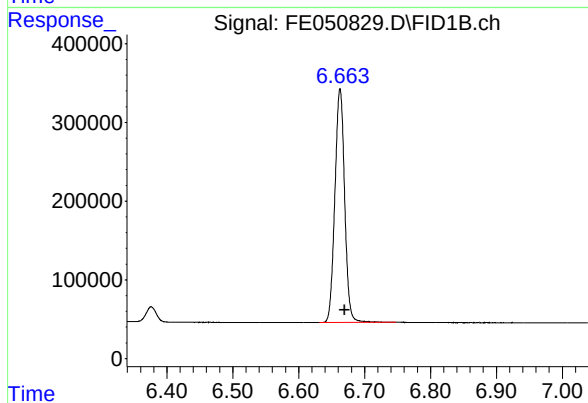
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.007 min
Response: 3049263
Conc: 21.25 ug/ml



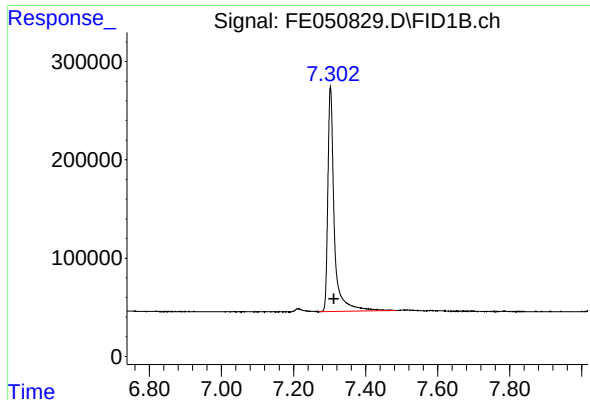
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.010 min
Response: 3036916
Conc: 21.24 ug/ml



#4 n-Dodecane (C12)

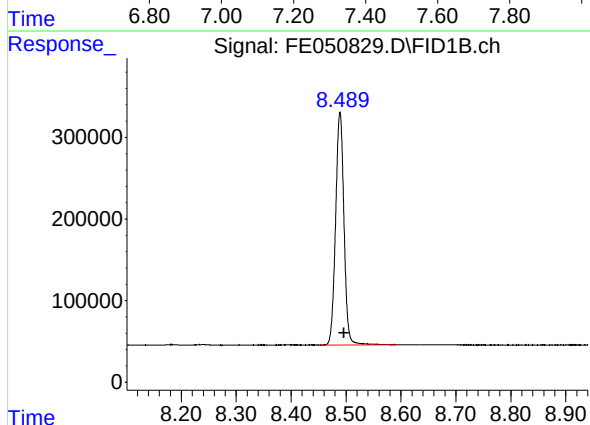
R.T.: 6.663 min
Delta R.T.: -0.007 min
Response: 3052229
Conc: 21.21 ug/ml



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

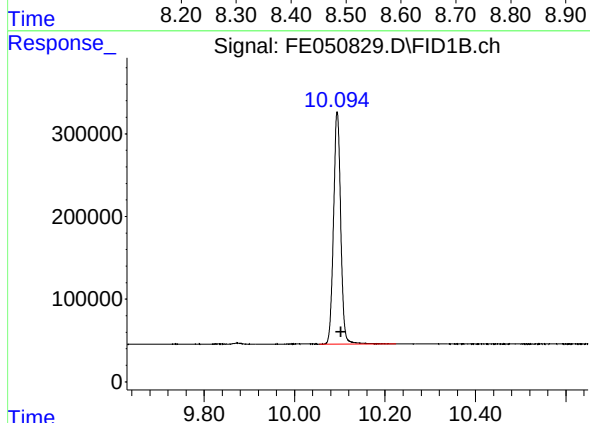
R.T.: 7.303 min
Delta R.T.: -0.010 min
Response: 2827729
Conc: 21.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



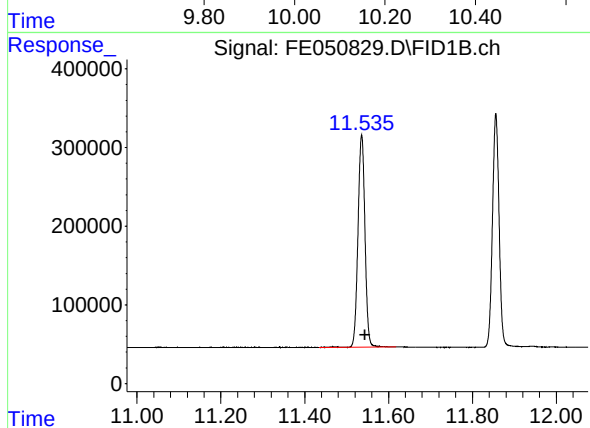
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.008 min
Response: 3020716
Conc: 21.11 ug/ml



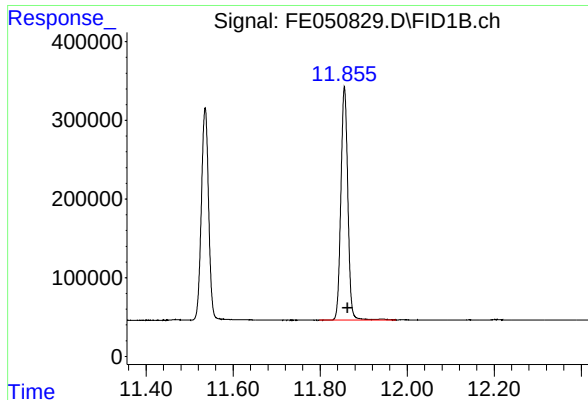
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: -0.008 min
Response: 3104515
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

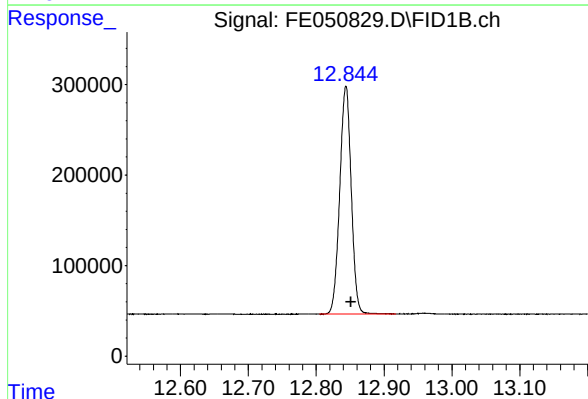
R.T.: 11.536 min
Delta R.T.: -0.008 min
Response: 3114203
Conc: 20.85 ug/ml



#9 ortho-Terphenyl (SURR)

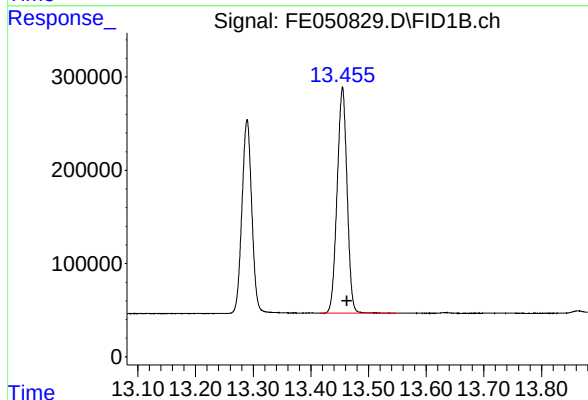
R.T.: 11.856 min
Delta R.T.: -0.007 min
Response: 3277311
Conc: 20.79 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



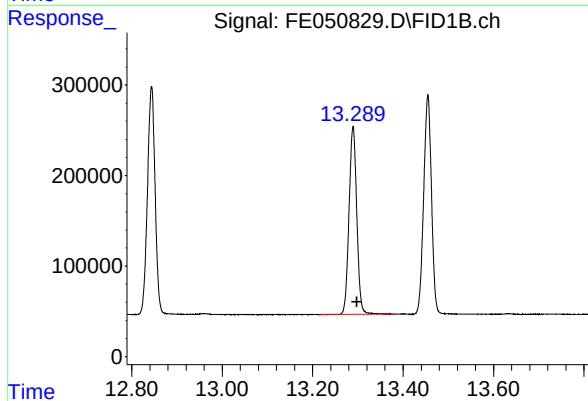
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.008 min
Response: 2960691
Conc: 20.65 ug/ml



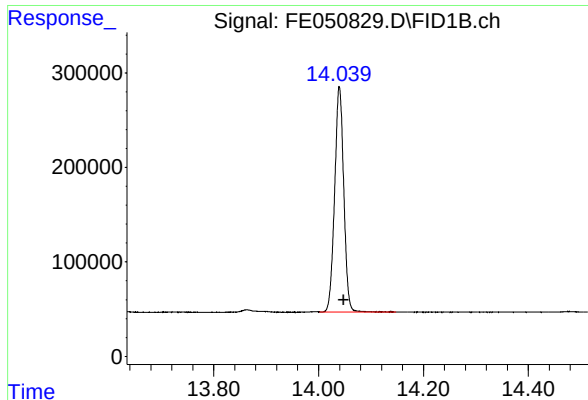
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.008 min
Response: 2900821
Conc: 20.66 ug/ml



#12 1-chlorooctadecane (SURR)

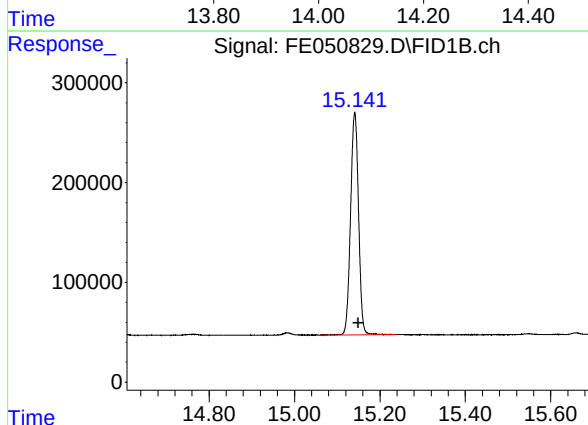
R.T.: 13.289 min
Delta R.T.: -0.008 min
Response: 2472720
Conc: 20.90 ug/ml



#13 n-Docosane (C22)

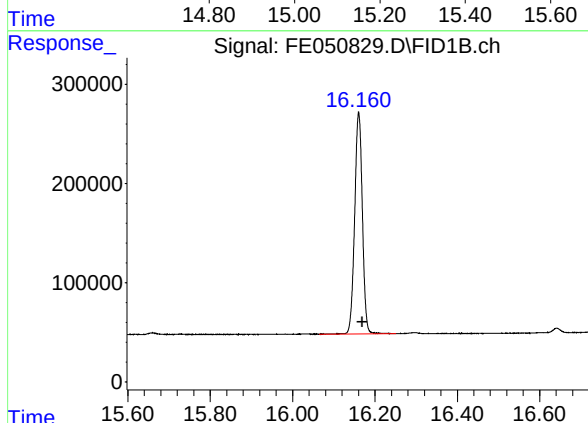
R.T.: 14.040 min
Delta R.T.: -0.008 min
Response: 2875082
Conc: 20.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



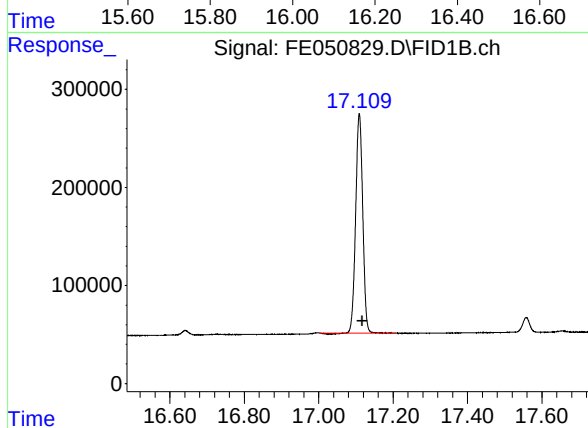
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.009 min
Response: 2894626
Conc: 20.49 ug/ml



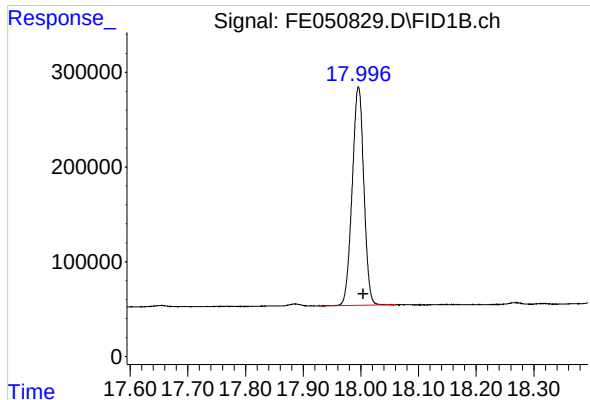
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.009 min
Response: 2898996
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

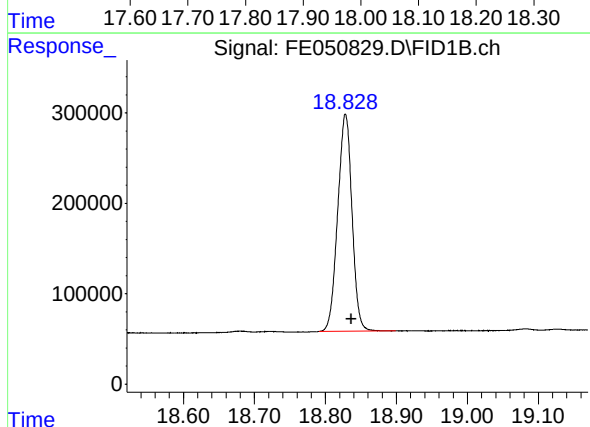
R.T.: 17.109 min
Delta R.T.: -0.008 min
Response: 2959209
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

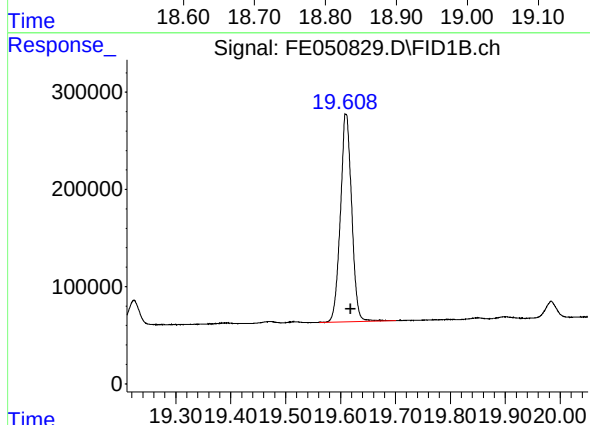
R.T.: 17.996 min
Delta R.T.: -0.009 min
Response: 3248954
Conc: 20.43 ug/ml

Instrument :
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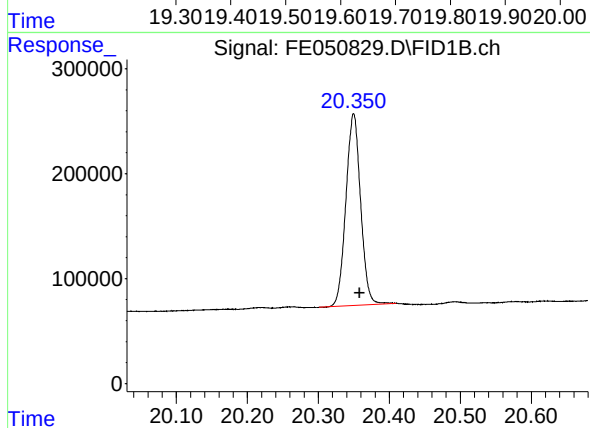
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.009 min
Response: 3362216
Conc: 20.74 ug/ml



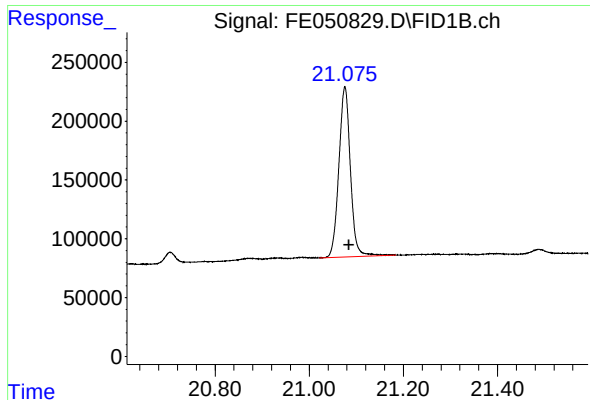
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.008 min
Response: 3039648
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

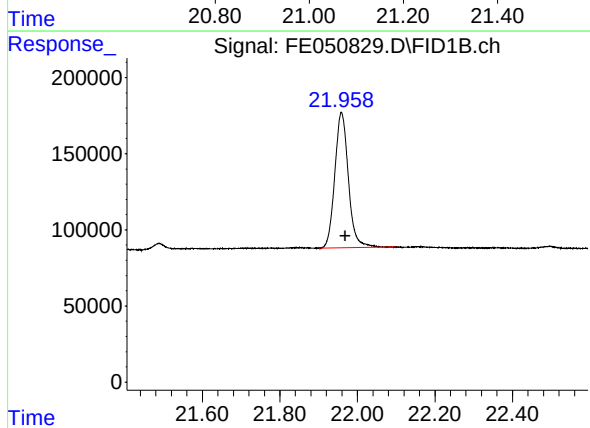
R.T.: 20.350 min
Delta R.T.: -0.009 min
Response: 2638745
Conc: 20.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.009 min
Response: 2454884
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.010 min
Response: 2159509
Conc: 19.39 ug/ml