

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
 Data File : FE042143.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2023 12:31
 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 24 02:35:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.956	3928201	22.246 ug/ml
Spiked Amount 50.000		Recovery =	44.49%
12) S 1-chlorooctadecane (S...	13.392	2923636	22.002 ug/ml
Spiked Amount 50.000		Recovery =	44.00%
Target Compounds			
1) T n-Nonane (C9)	3.341	3110209	21.569 ug/ml
2) T n-Decane (C10)	4.591	3178251	21.469 ug/ml
3) T A~Naphthalene (C11.7)	6.297	3520075	21.574 ug/ml
4) T n-Dodecane (C12)	6.758	3237172	21.588 ug/ml
5) T A~2-methylnaphthalene...	7.393	3426605	21.591 ug/ml
6) T n-Tetradecane (C14)	8.588	3242979	21.648 ug/ml
7) T n-Hexadecane (C16)	10.195	3399282	21.822 ug/ml
8) T n-Octadecane (C18)	11.638	3468742	21.935 ug/ml
10) T n-Eicosane (C20)	12.947	3348477	22.090 ug/ml
11) T n-Heneicosane (C21)	13.559	3293026	22.227 ug/ml
13) T n-Docosane (C22)	14.145	3258802	22.230 ug/ml
14) T n-Tetracosane (C24)	15.248	3195078	22.133 ug/ml
15) T n-Hexacosane (C26)	16.269	3067300	22.147 ug/ml
16) T n-Octacosane (C28)	17.219	2913548	21.762 ug/ml
17) T n-Tricontane (C30)	18.105	2887964	21.394 ug/ml
18) T n-Dotriacontane (C32)	18.938	2790779	20.890 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2669560	20.299 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2558305	19.683 ug/ml
21) T n-Octatriacontane (C38)	21.206	2557795	18.853 ug/ml
22) T n-Tetracontane (C40)	22.136	2567522	18.456 ug/ml

(f)=RT Delta > 1/2 Window

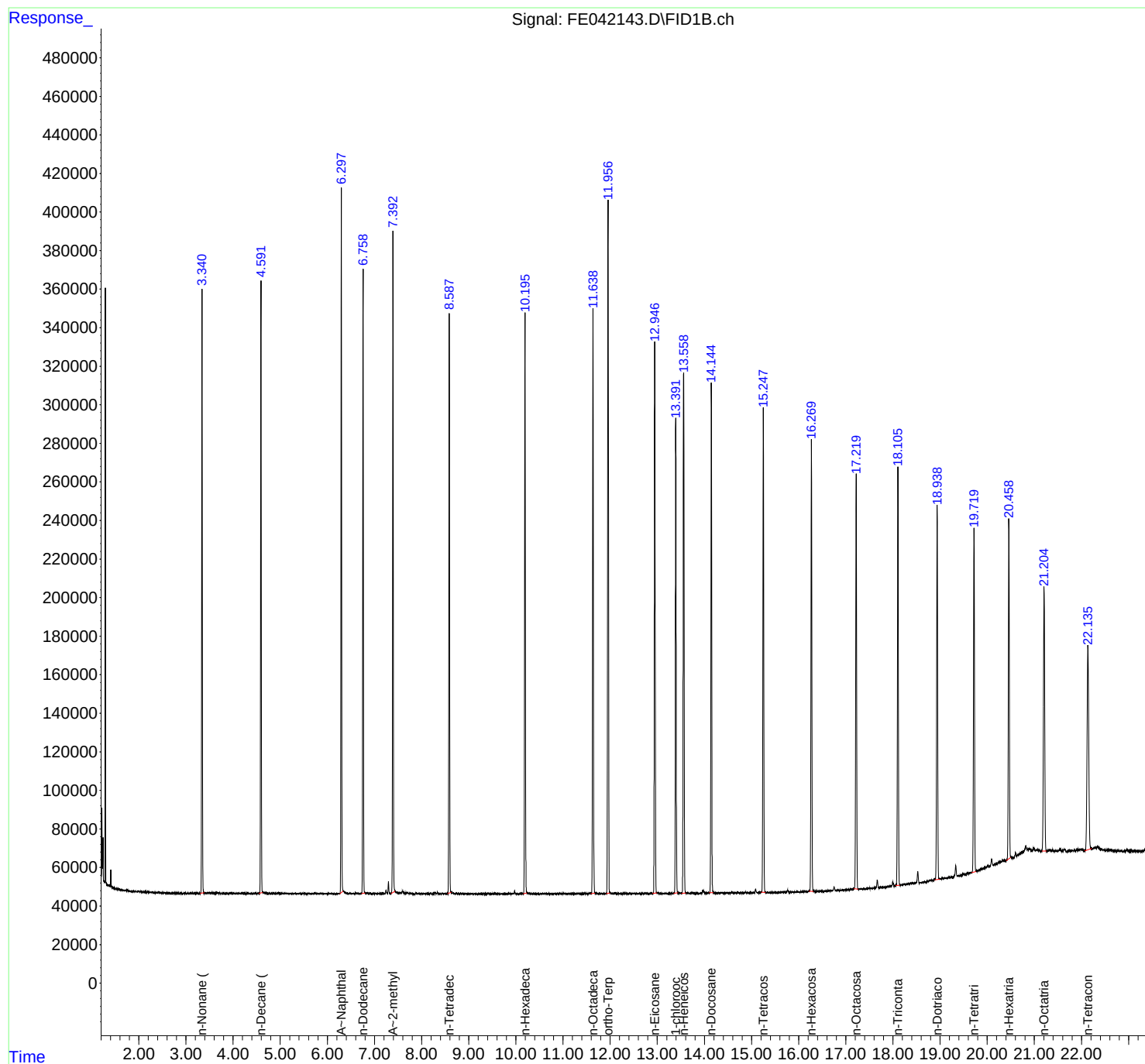
(m)=manual int.

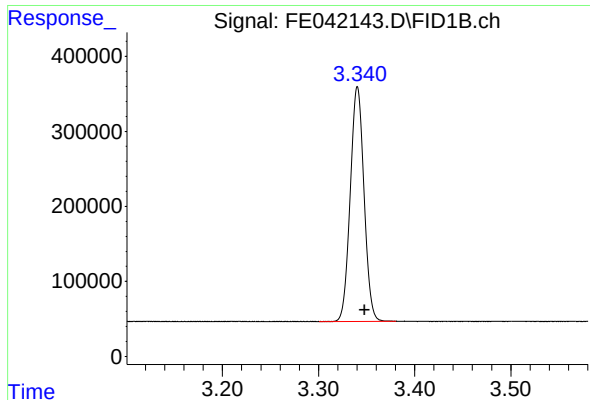
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
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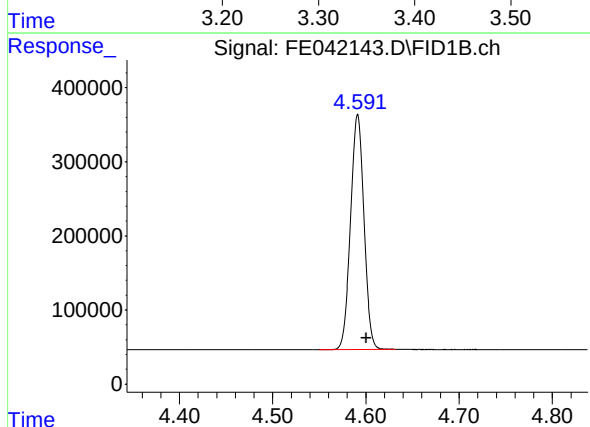




#1 n-Nonane (C9)

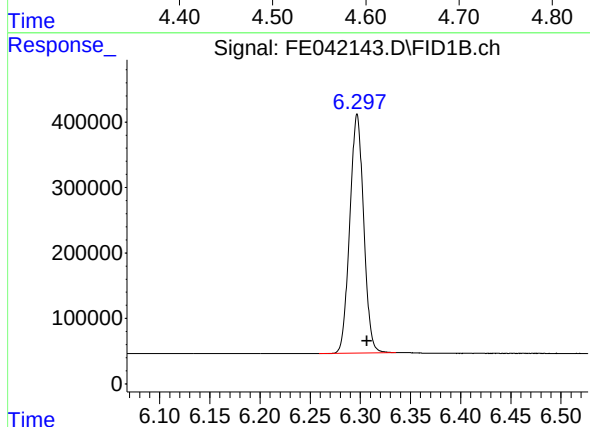
R.T.: 3.341 min
Delta R.T.: -0.007 min
Response: 3110209
Conc: 21.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



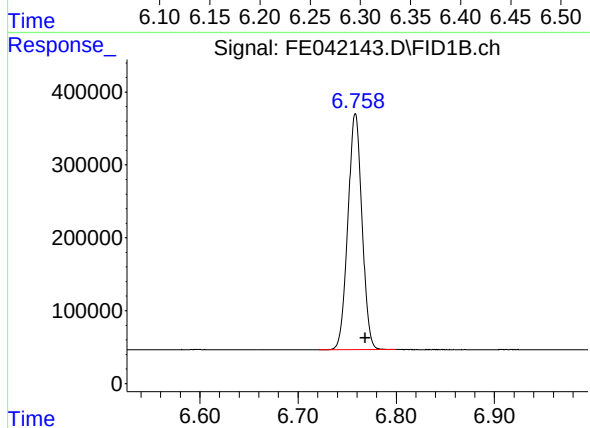
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: -0.009 min
Response: 3178251
Conc: 21.47 ug/ml



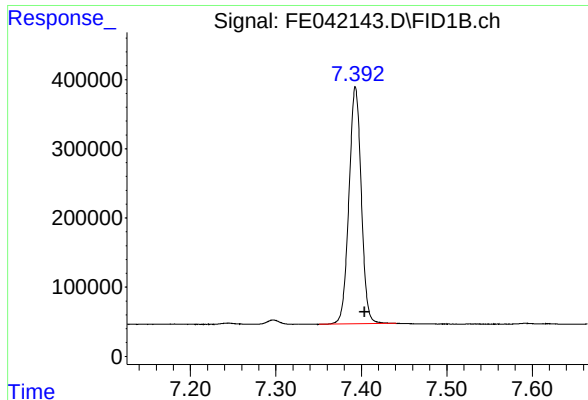
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.010 min
Response: 3520075
Conc: 21.57 ug/ml



#4 n-Dodecane (C12)

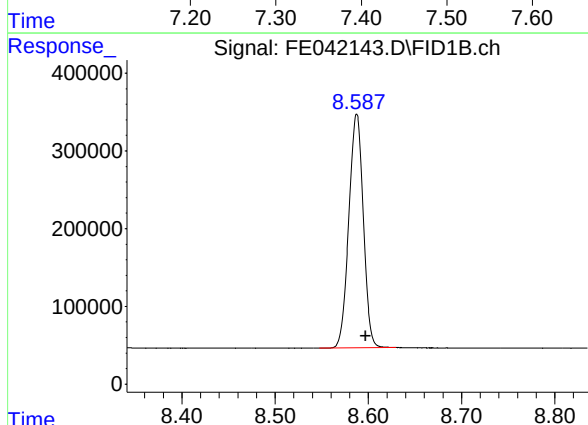
R.T.: 6.758 min
Delta R.T.: -0.010 min
Response: 3237172
Conc: 21.59 ug/ml



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

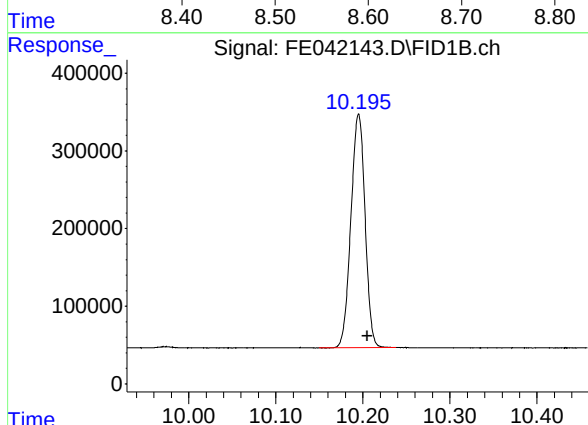
R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 3426605
Conc: 21.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



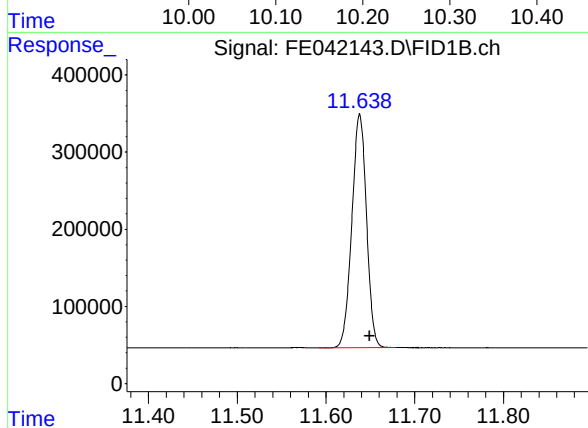
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.010 min
Response: 3242979
Conc: 21.65 ug/ml



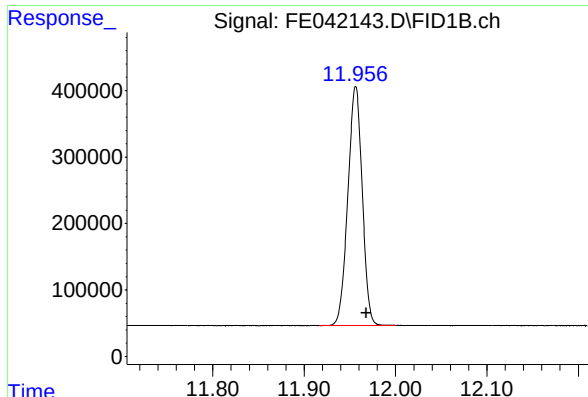
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.010 min
Response: 3399282
Conc: 21.82 ug/ml



#8 n-Octadecane (C18)

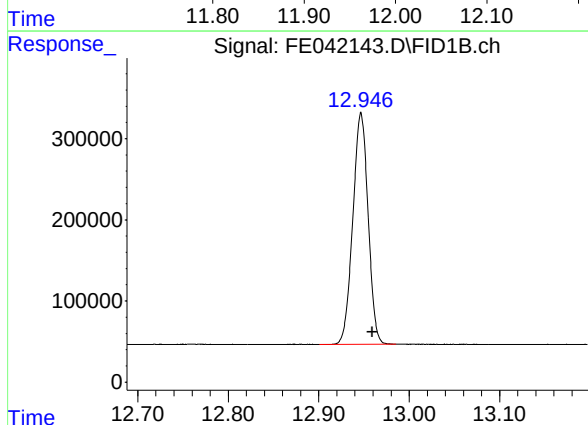
R.T.: 11.638 min
Delta R.T.: -0.011 min
Response: 3468742
Conc: 21.94 ug/ml



#9 ortho-Terphenyl (SURR)

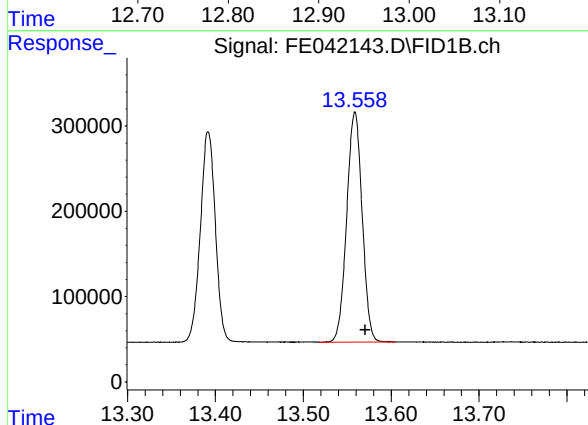
R.T.: 11.956 min
Delta R.T.: -0.012 min
Response: 3928201
Conc: 22.25 ug/ml

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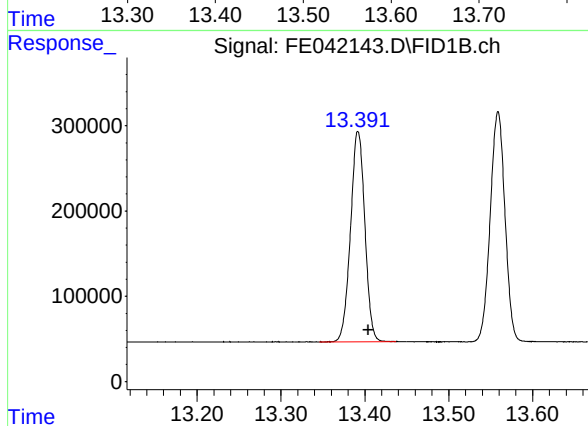
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.012 min
Response: 3348477
Conc: 22.09 ug/ml



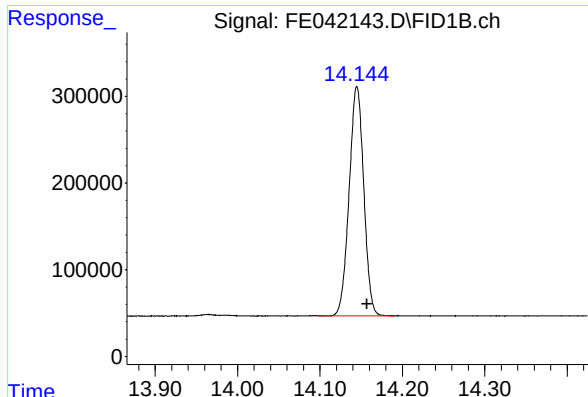
#11 n-Heneicosane (C21)

R.T.: 13.559 min
Delta R.T.: -0.012 min
Response: 3293026
Conc: 22.23 ug/ml



#12 1-chlorooctadecane (SURR)

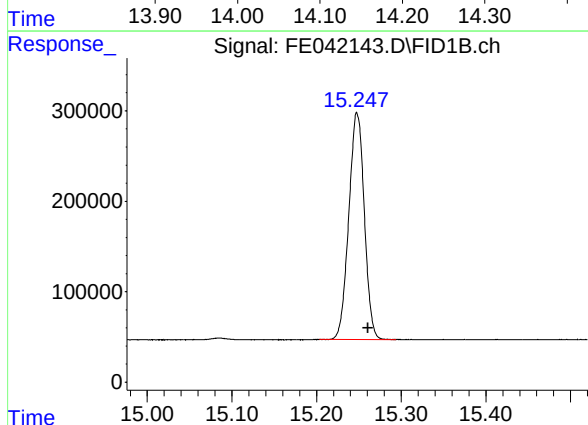
R.T.: 13.392 min
Delta R.T.: -0.012 min
Response: 2923636
Conc: 22.00 ug/ml



#13 n-Docosane (C22)

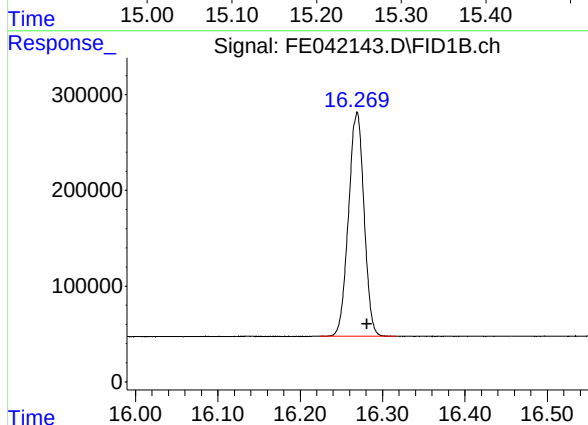
R.T.: 14.145 min
Delta R.T.: -0.012 min
Response: 3258802
Conc: 22.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



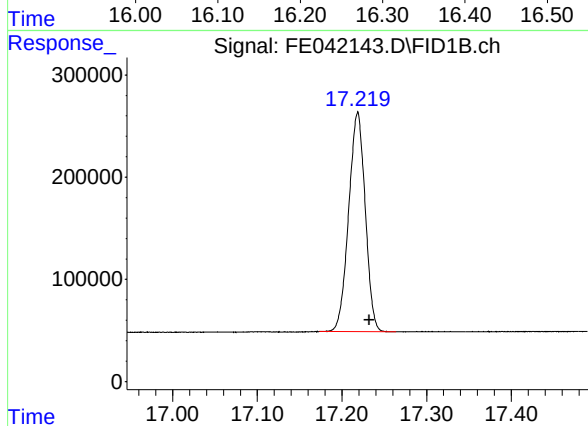
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.013 min
Response: 3195078
Conc: 22.13 ug/ml



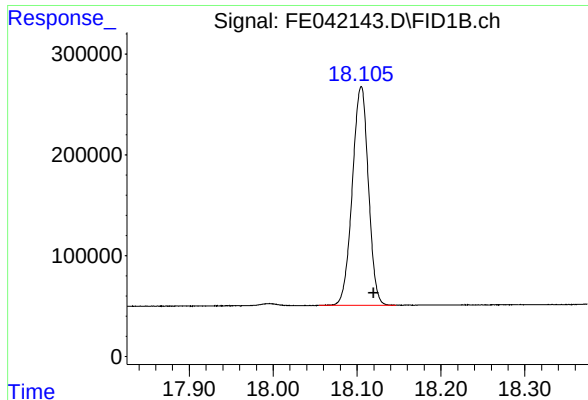
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.012 min
Response: 3067300
Conc: 22.15 ug/ml



#16 n-Octacosane (C28)

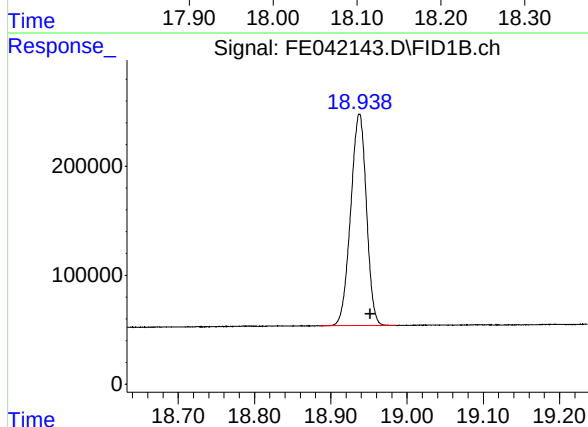
R.T.: 17.219 min
Delta R.T.: -0.014 min
Response: 2913548
Conc: 21.76 ug/ml



#17 n-Tricontane (C30)

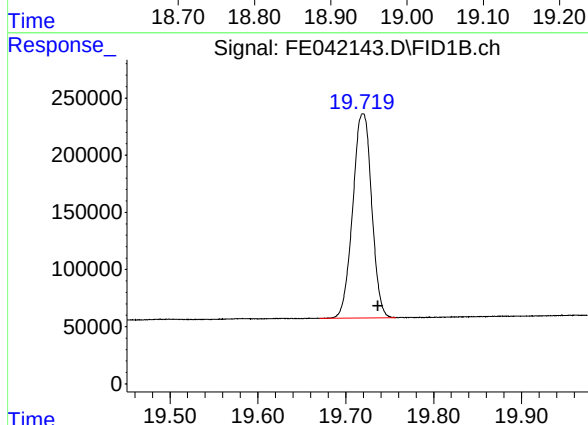
R.T.: 18.105 min
Delta R.T.: -0.015 min
Response: 2887964
Conc: 21.39 ug/ml

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20 PPM ALIPHATIC HC STD



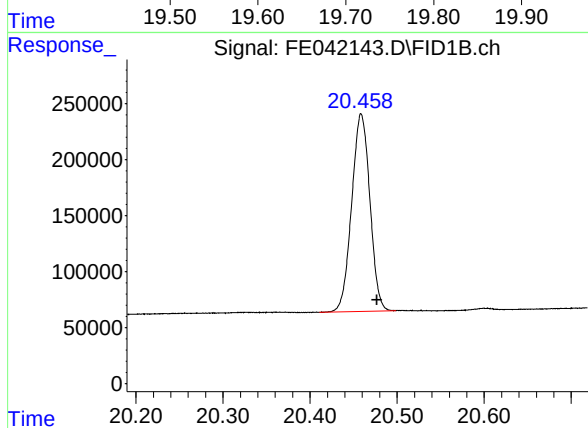
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 2790779
Conc: 20.89 ug/ml



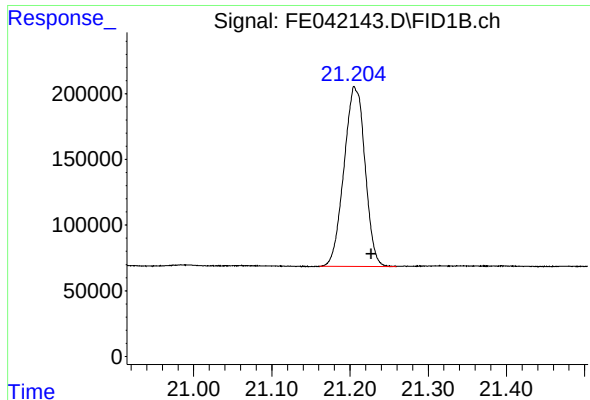
#19 n-Tetatriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.017 min
Response: 2669560
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

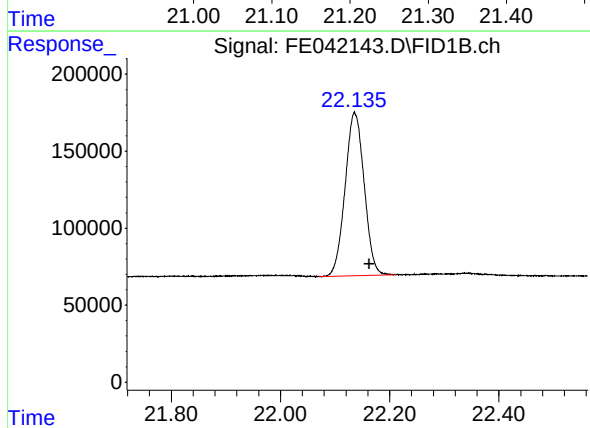
R.T.: 20.459 min
Delta R.T.: -0.018 min
Response: 2558305
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.022 min
Response: 2557795
Conc: 18.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: -0.027 min
Response: 2567522
Conc: 18.46 ug/ml