

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091323AL\
 Data File : FE044238.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2023 06:45
 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: Sep 13 11:09:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.934	3772640	19.914 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	13.372	2835510	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	3.319	2929423	17.957 ug/ml
2) T n-Decane (C10)	4.571	3124729	18.800 ug/ml
3) T A~Naphthalene (C11.7)	6.273	3385607	18.907 ug/ml
4) T n-Dodecane (C12)	6.735	3187875	18.956 ug/ml
5) T A~2-methylnaphthalene...	7.368	3336428	19.462 ug/ml
6) T n-Tetradecane (C14)	8.562	3189579	19.019 ug/ml
7) T n-Hexadecane (C16)	10.172	3274599	18.946 ug/ml
8) T n-Octadecane (C18)	11.616	3282003	18.854 ug/ml
10) T n-Eicosane (C20)	12.927	3170560	19.168 ug/ml
11) T n-Heneicosane (C21)	13.539	3107612	19.212 ug/ml
13) T n-Docosane (C22)	14.126	3080165	19.280 ug/ml
14) T n-Tetracosane (C24)	15.230	3008100	19.236 ug/ml
15) T n-Hexacosane (C26)	16.253	2947456	19.551 ug/ml
16) T n-Octacosane (C28)	17.203	2971863	20.593 ug/ml
17) T n-Tricontane (C30)	18.093	3261218	22.448 ug/ml
18) T n-Dotriacontane (C32)	18.927	3437482	24.132 ug/ml
19) T n-Tetratriacontane (C34)	19.711	3171091	22.660 ug/ml
20) T n-Hexatriacontane (C36)	20.453	3046564	22.222 ug/ml
21) T n-Octatriacontane (C38)	21.195	2925801	21.077 ug/ml
22) T n-Tetracontane (C40)	22.121	3021207	21.851 ug/ml

(f)=RT Delta > 1/2 Window

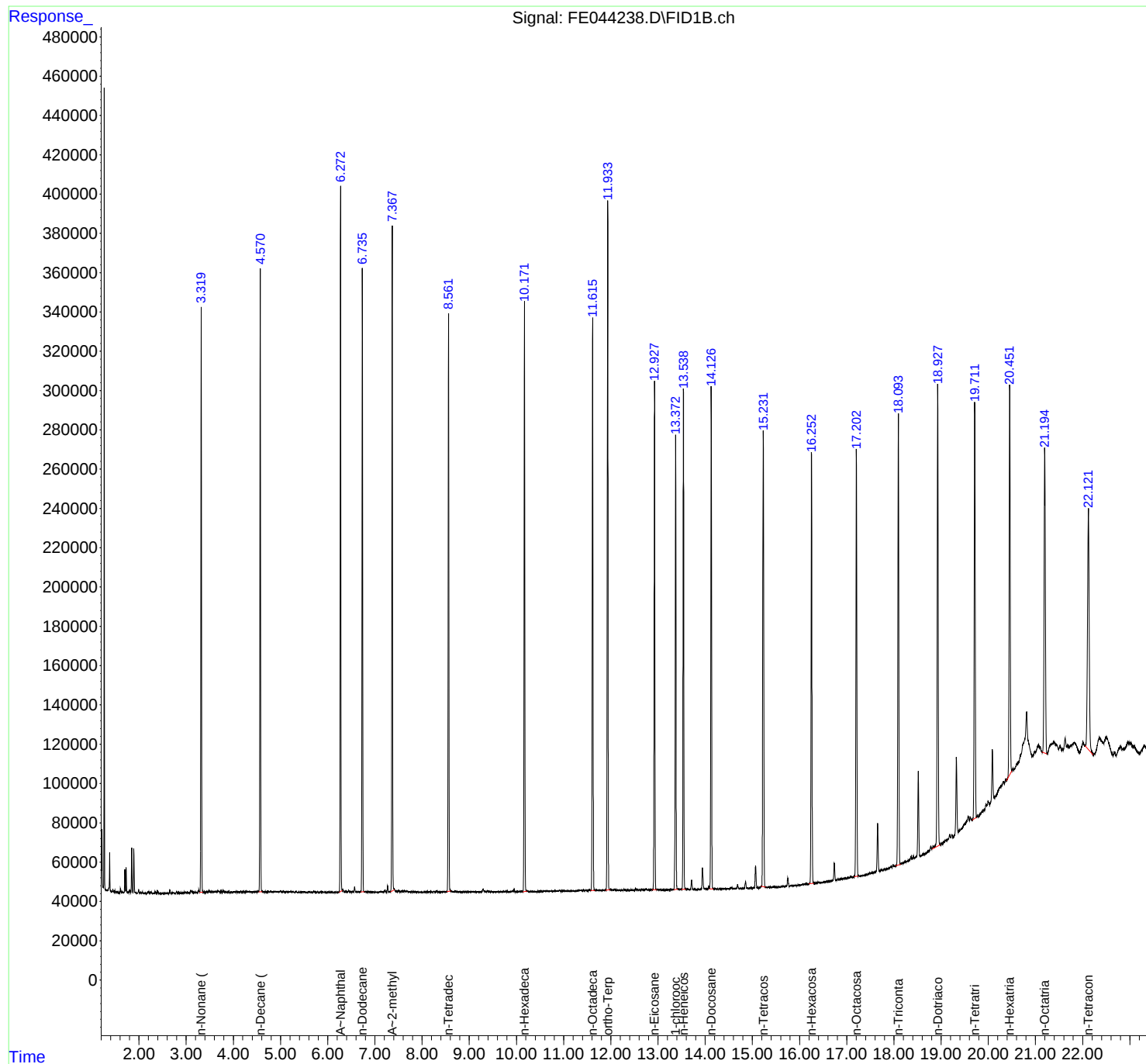
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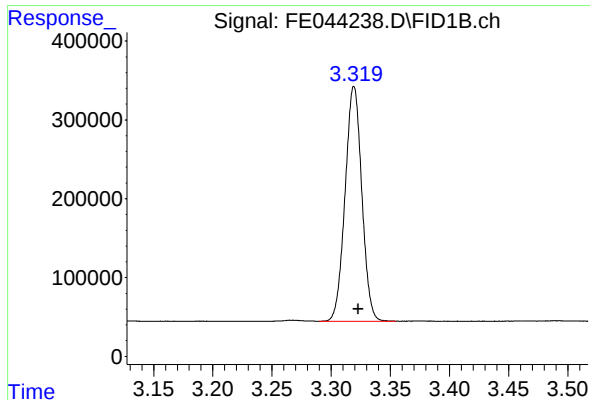
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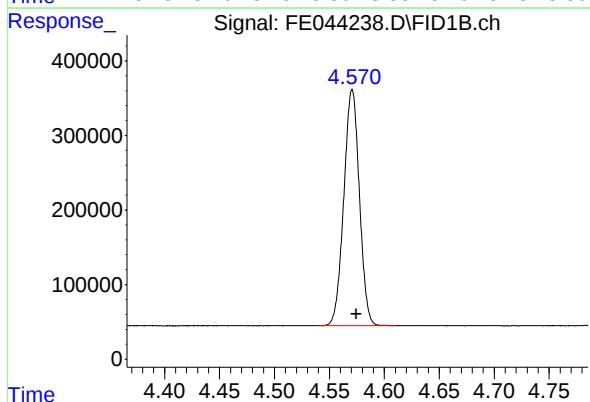




#1 n-Nonane (C9)

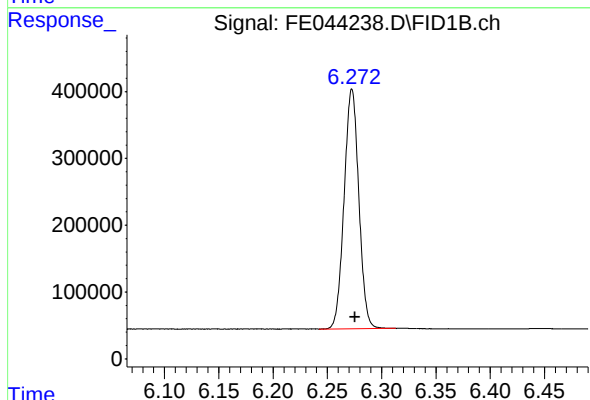
R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 2929423
Conc: 17.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



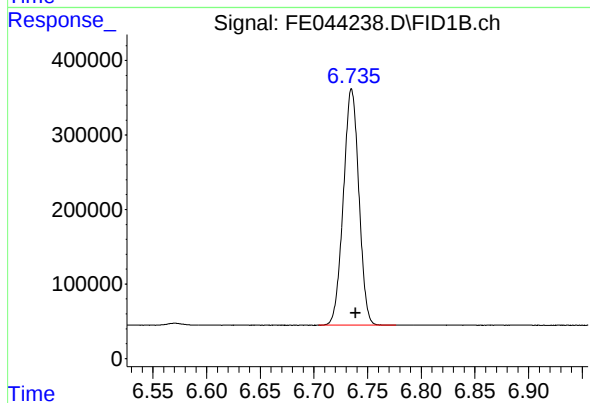
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.003 min
Response: 3124729
Conc: 18.80 ug/ml



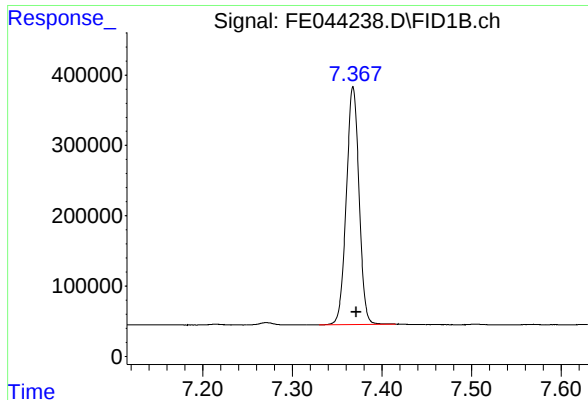
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 3385607
Conc: 18.91 ug/ml



#4 n-Dodecane (C12)

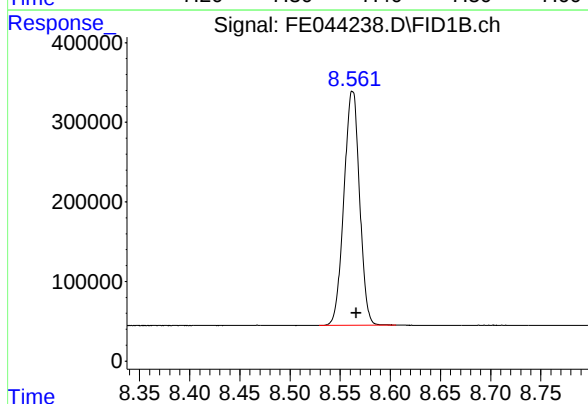
R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 3187875
Conc: 18.96 ug/ml



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

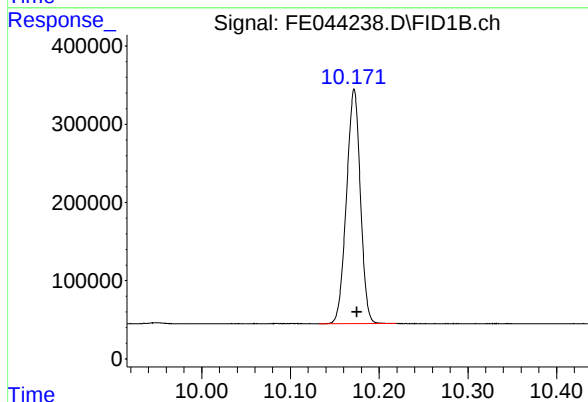
R.T.: 7.368 min
Delta R.T.: -0.003 min
Response: 3336428
Conc: 19.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



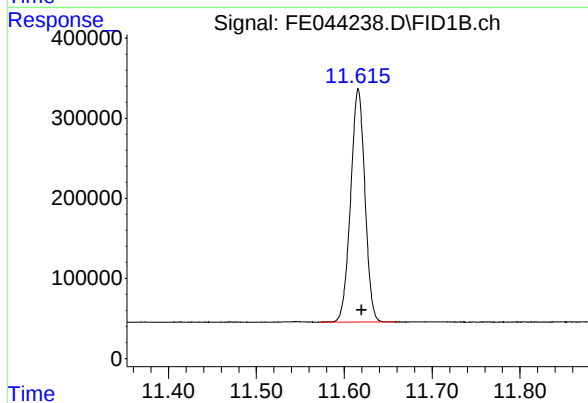
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 3189579
Conc: 19.02 ug/ml



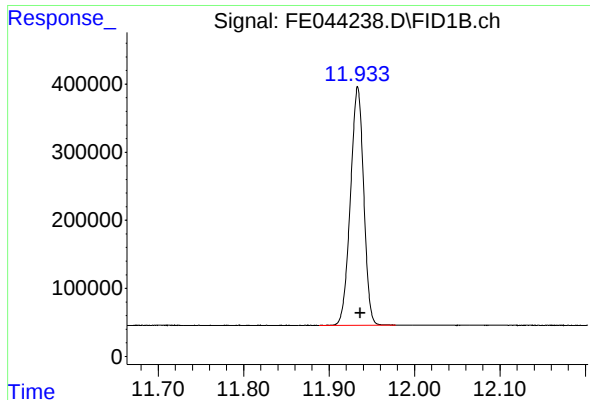
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: -0.003 min
Response: 3274599
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

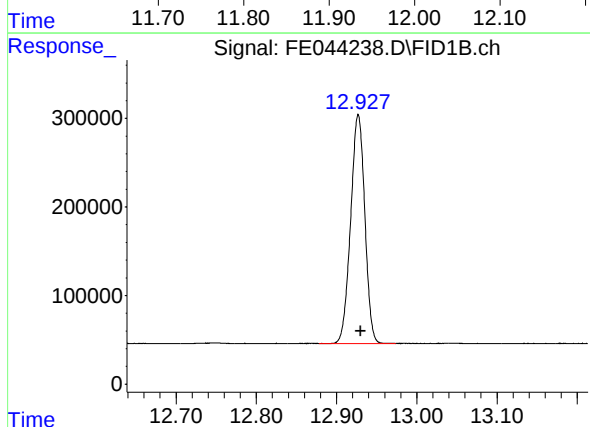
R.T.: 11.616 min
Delta R.T.: -0.004 min
Response: 3282003
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

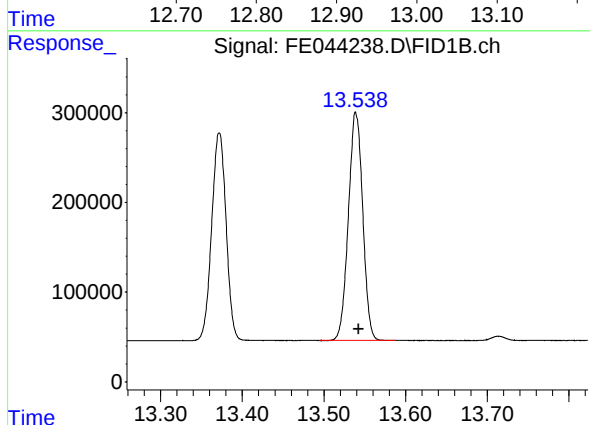
R.T.: 11.934 min
Delta R.T.: -0.003 min
Response: 3772640
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



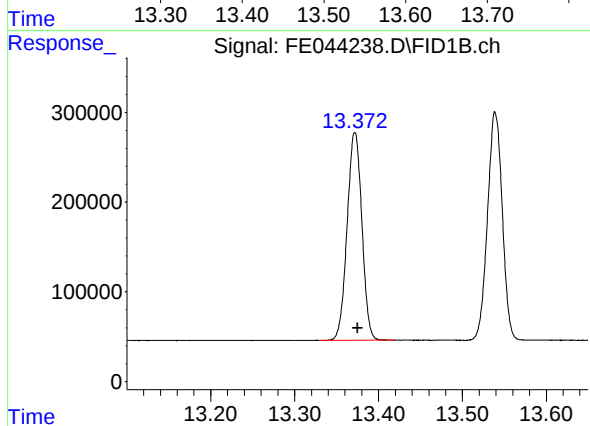
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.003 min
Response: 3170560
Conc: 19.17 ug/ml



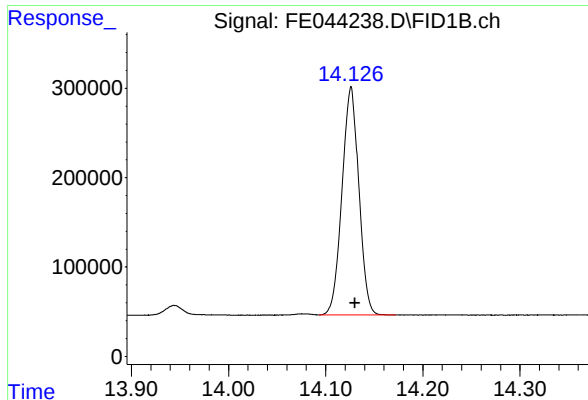
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.004 min
Response: 3107612
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

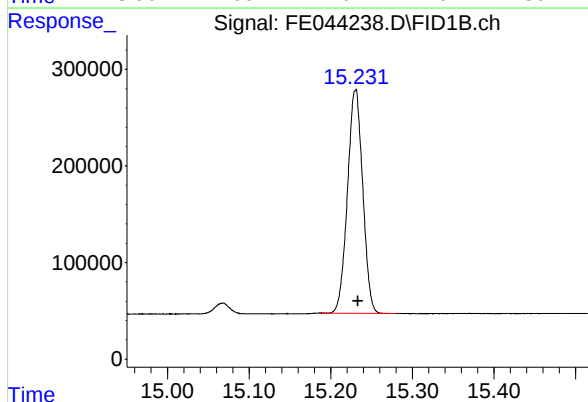
R.T.: 13.372 min
Delta R.T.: -0.003 min
Response: 2835510
Conc: 20.53 ug/ml



#13 n-Docosane (C22)

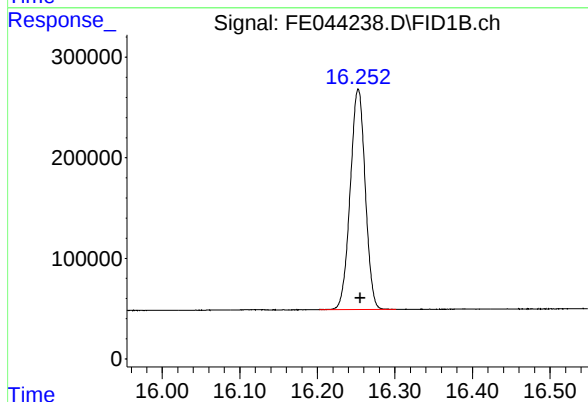
R.T.: 14.126 min
Delta R.T.: -0.004 min
Response: 3080165
Conc: 19.28 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



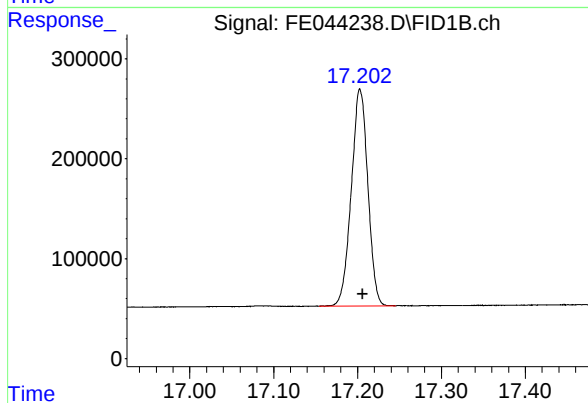
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.003 min
Response: 3008100
Conc: 19.24 ug/ml



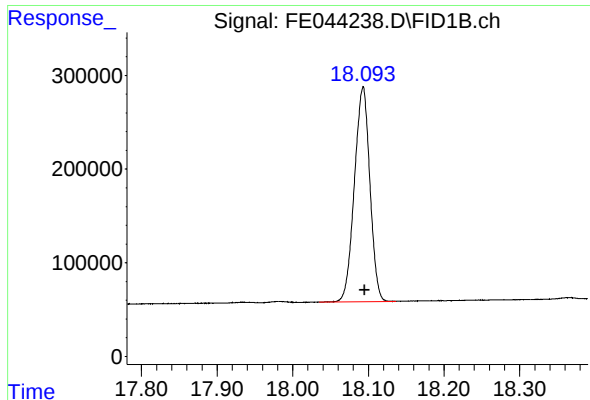
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.003 min
Response: 2947456
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

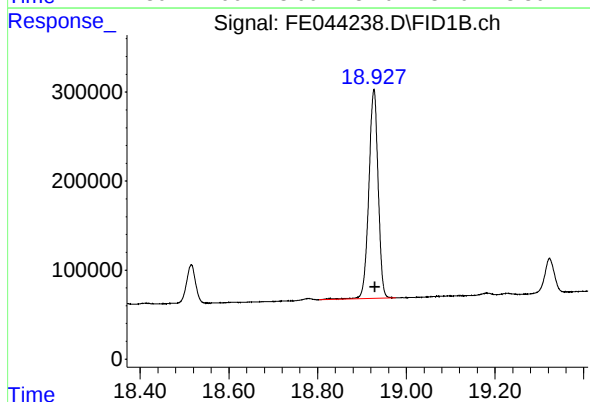
R.T.: 17.203 min
Delta R.T.: -0.003 min
Response: 2971863
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

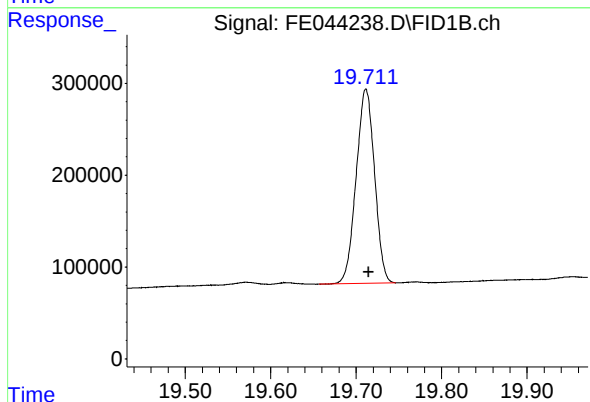
R.T.: 18.093 min
Delta R.T.: -0.002 min
Response: 3261218
Conc: 22.45 ug/ml

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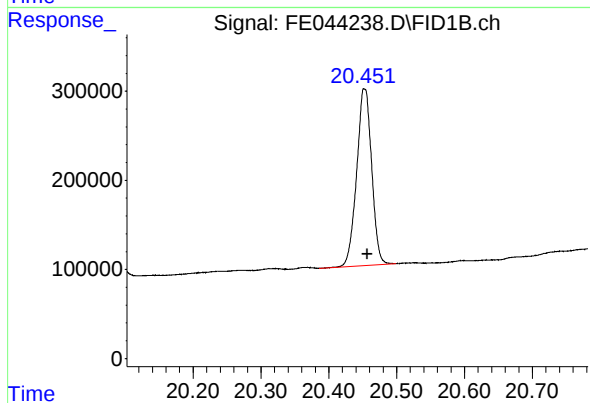
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.002 min
Response: 3437482
Conc: 24.13 ug/ml



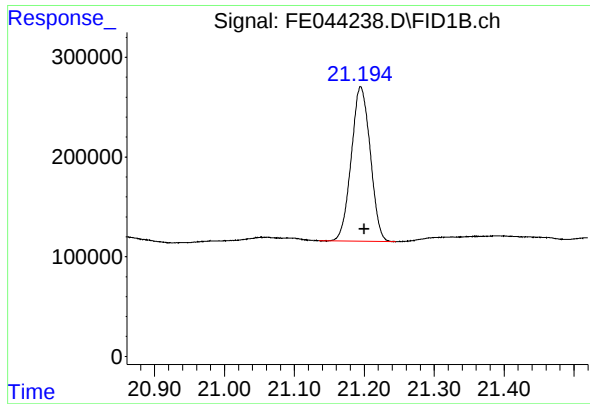
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.003 min
Response: 3171091
Conc: 22.66 ug/ml



#20 n-Hexatriacontane (C36)

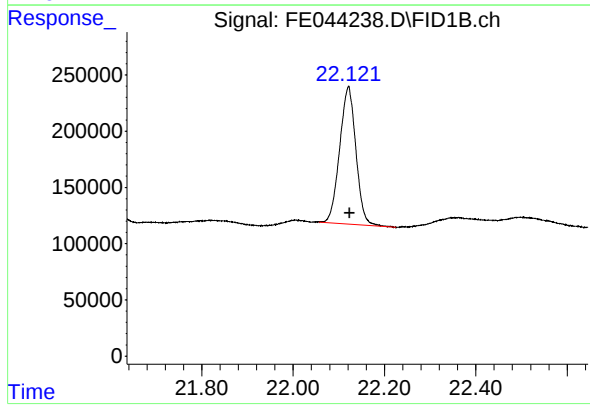
R.T.: 20.453 min
Delta R.T.: -0.004 min
Response: 3046564
Conc: 22.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.005 min
Response: 2925801
Conc: 21.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.002 min
Response: 3021207
Conc: 21.85 ug/ml