

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031925AL\
 Data File : FE052859.D
 Signal(s) : FID1B.ch
 Acq On : 19 Mar 2025 12:25
 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: Mar 20 01:41:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.906	3050655	18.095 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
12) S 1-chlorooctadecane (S...	13.350	2264013	18.645 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	3.247	2775375	17.900 ug/ml
2) T n-Decane (C10)	4.508	2894947	18.428 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3093896	18.243 ug/ml
4) T n-Dodecane (C12)	6.690	2895110	18.594 ug/ml
5) T A~2-methylnaphthalene...	7.325	2968233	18.316 ug/ml
6) T n-Tetradecane (C14)	8.526	2840850	18.775 ug/ml
7) T n-Hexadecane (C16)	10.141	2875797	18.810 ug/ml
8) T n-Octadecane (C18)	11.590	2838810	18.659 ug/ml
10) T n-Eicosane (C20)	12.904	2687299	18.511 ug/ml
11) T n-Heneicosane (C21)	13.518	2617747	18.392 ug/ml
13) T n-Docosane (C22)	14.107	2631898	18.494 ug/ml
14) T n-Tetracosane (C24)	15.213	2702367	18.883 ug/ml
15) T n-Hexacosane (C26)	16.237	2718931	19.121 ug/ml
16) T n-Octacosane (C28)	17.190	2833845	19.929 ug/ml
17) T n-Tricontane (C30)	18.079	3099750	20.987 ug/ml
18) T n-Dotriacontane (C32)	18.914	3138944	21.621 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2892257	21.459 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2513718	21.155 ug/ml
21) T n-Octatriacontane (C38)	21.183	2318869	20.903 ug/ml
22) T n-Tetracontane (C40)	22.103	2188223	20.240 ug/ml

(f)=RT Delta > 1/2 Window

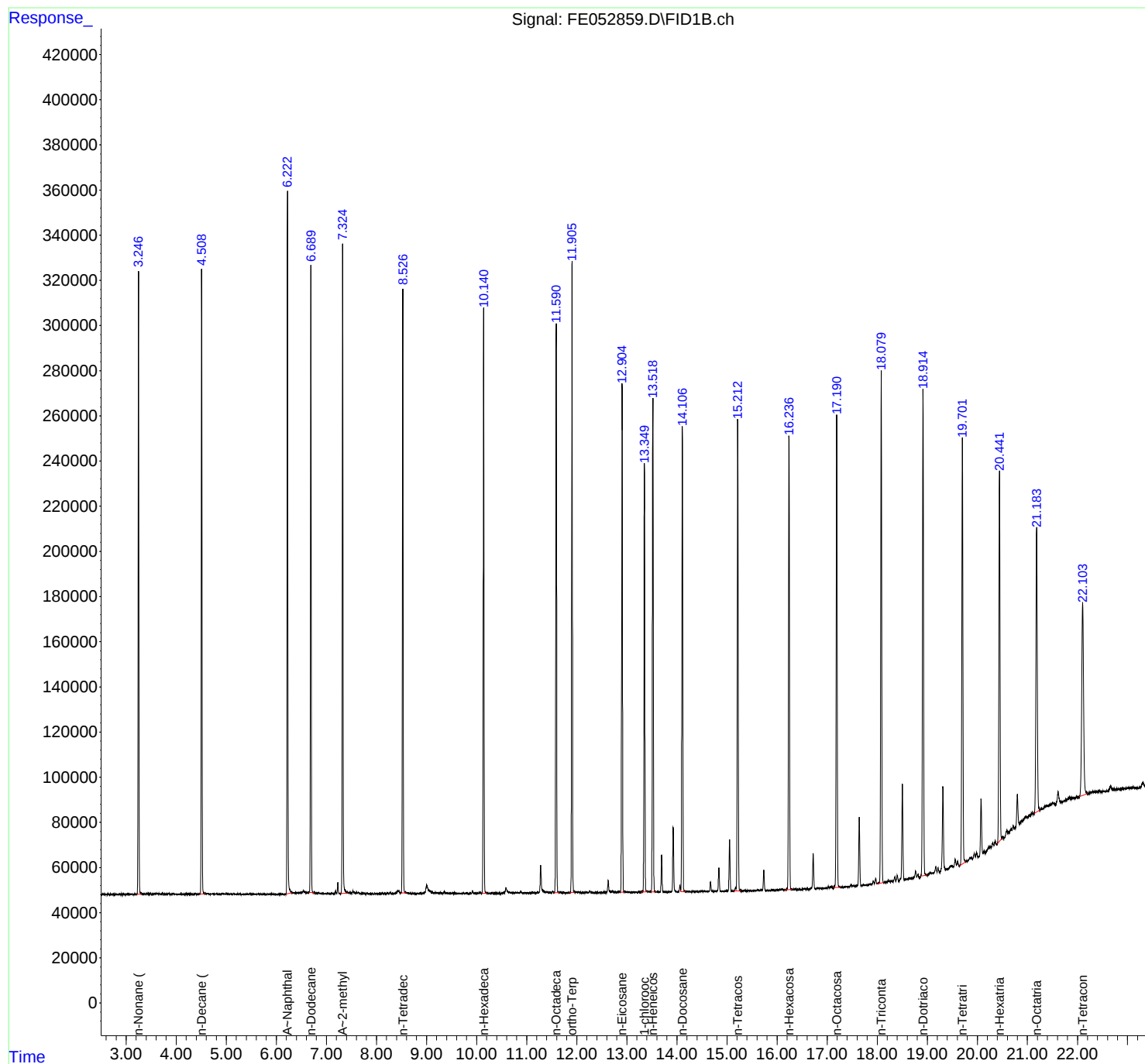
(m)=manual int.

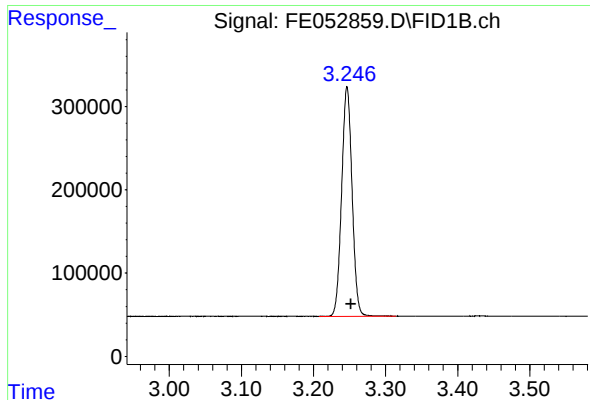
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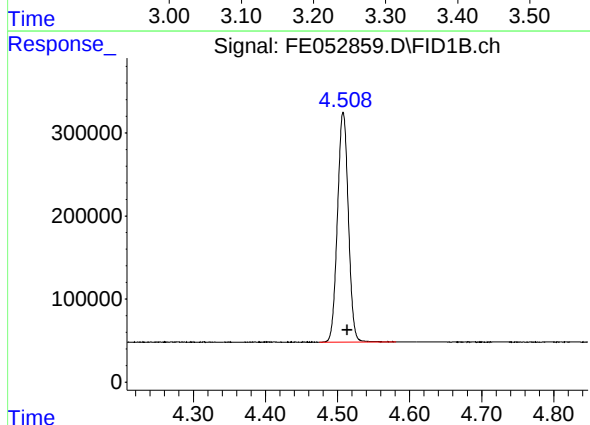




#1 n-Nonane (C9)

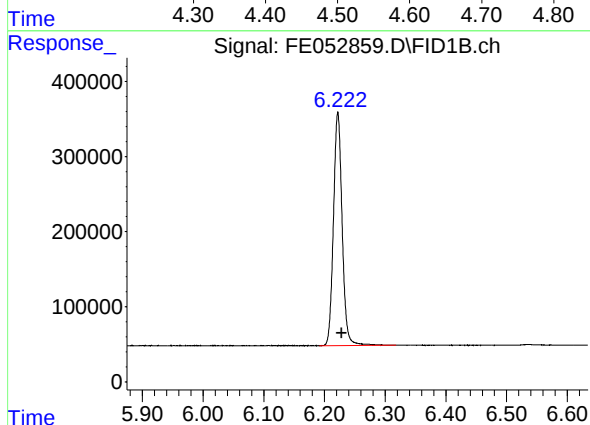
R.T.: 3.247 min
Delta R.T.: -0.005 min
Response: 2775375
Conc: 17.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



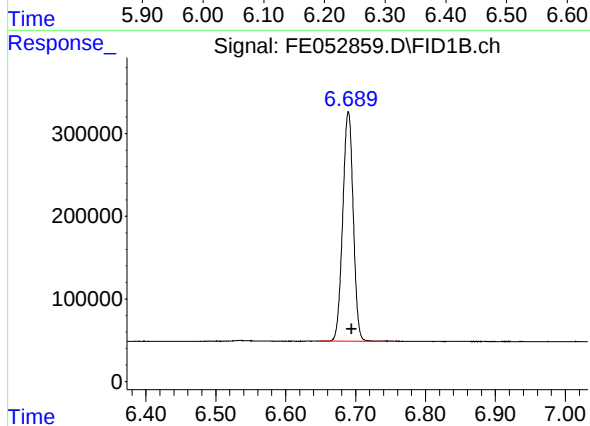
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.006 min
Response: 2894947
Conc: 18.43 ug/ml



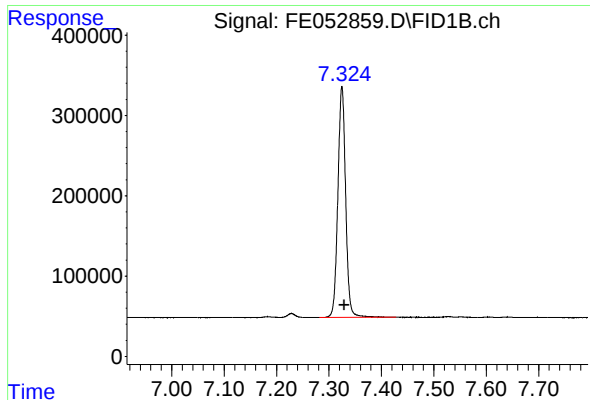
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 3093896
Conc: 18.24 ug/ml



#4 n-Dodecane (C12)

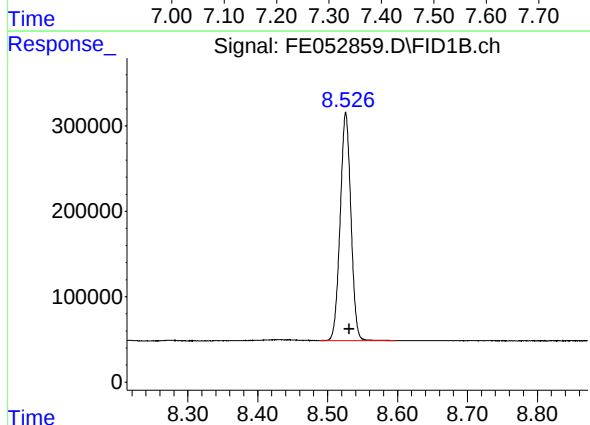
R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 2895110
Conc: 18.59 ug/ml



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

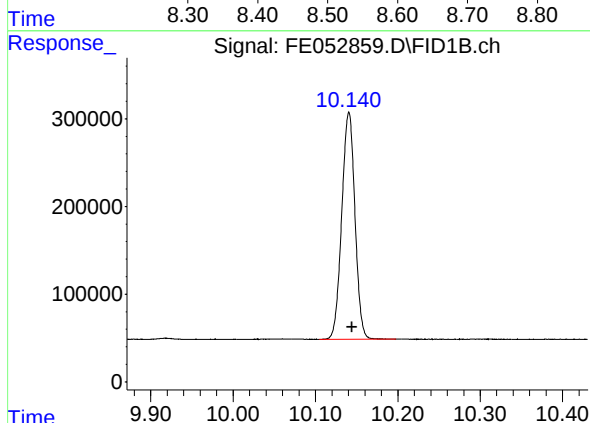
R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 2968233
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



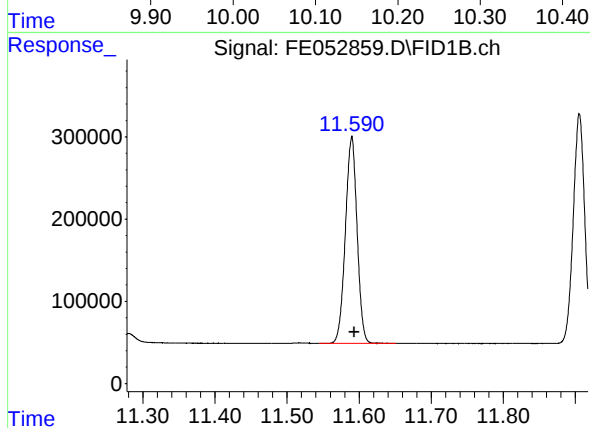
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.005 min
Response: 2840850
Conc: 18.78 ug/ml



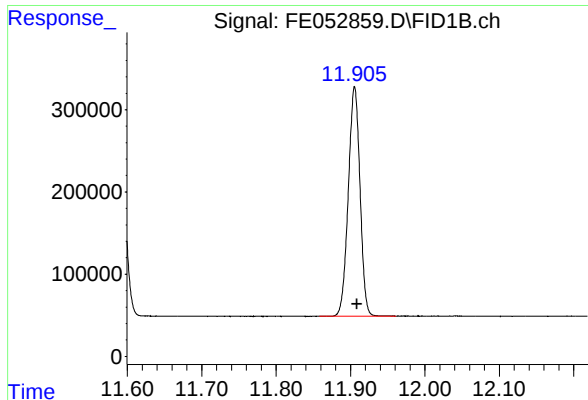
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.004 min
Response: 2875797
Conc: 18.81 ug/ml



#8 n-Octadecane (C18)

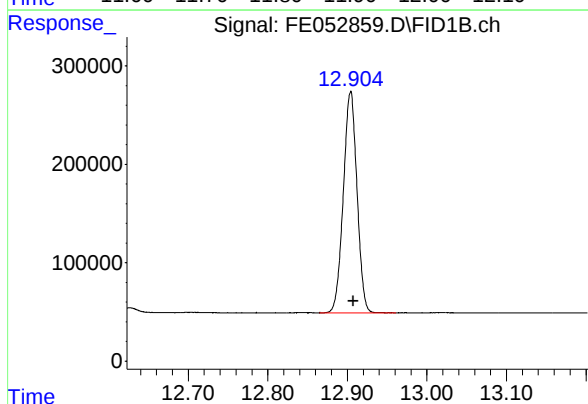
R.T.: 11.590 min
Delta R.T.: -0.003 min
Response: 2838810
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

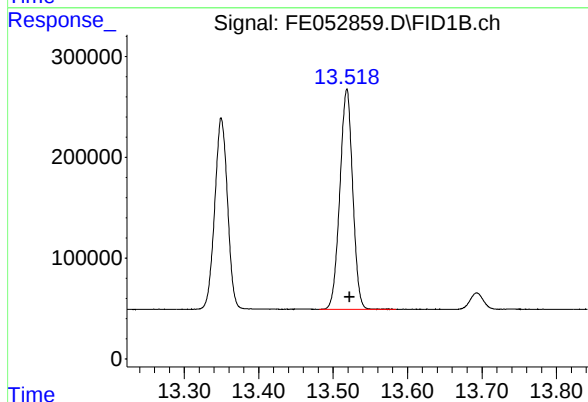
R.T.: 11.906 min
Delta R.T.: -0.003 min
Response: 3050655
Conc: 18.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



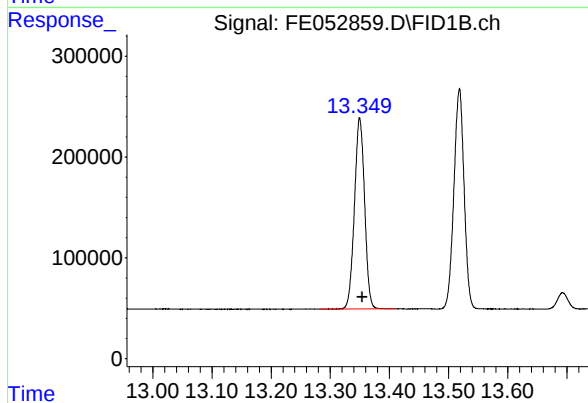
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.004 min
Response: 2687299
Conc: 18.51 ug/ml



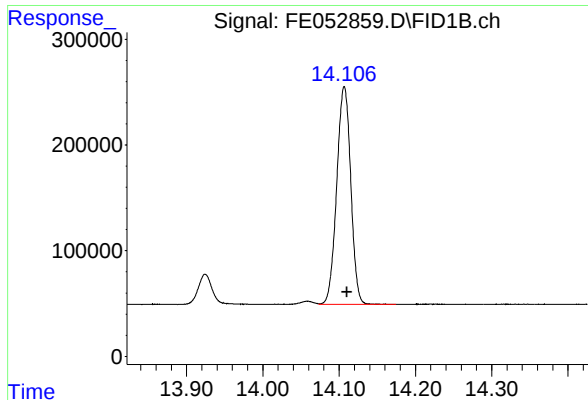
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: -0.004 min
Response: 2617747
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

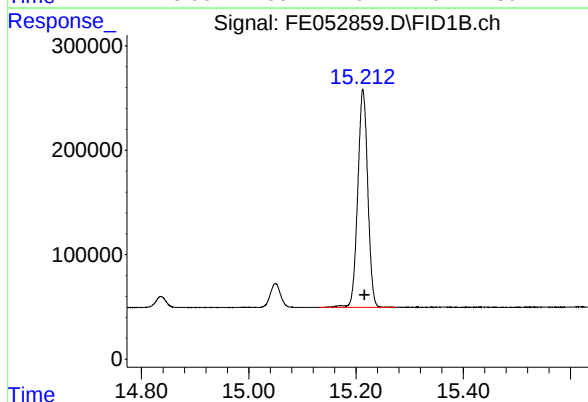
R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 2264013
Conc: 18.65 ug/ml



#13 n-Docosane (C22)

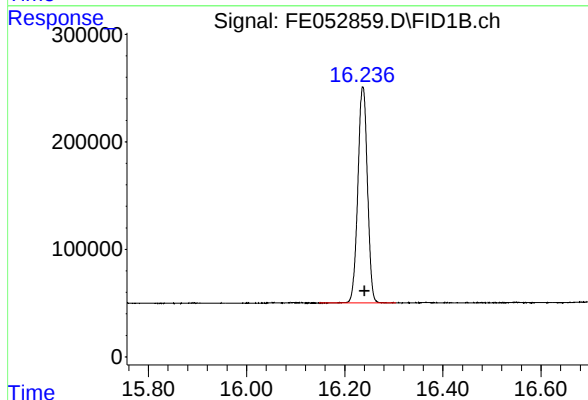
R.T.: 14.107 min
Delta R.T.: -0.003 min
Response: 2631898
Conc: 18.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



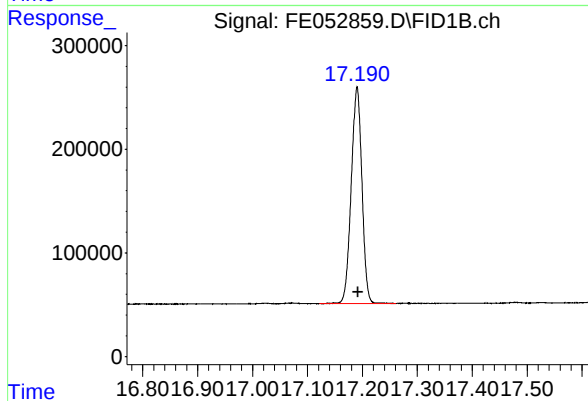
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.003 min
Response: 2702367
Conc: 18.88 ug/ml



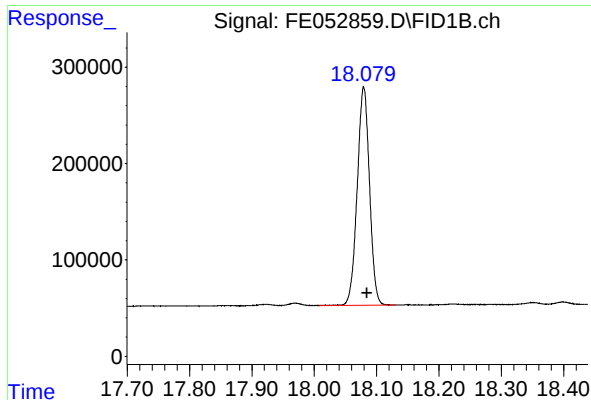
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.004 min
Response: 2718931
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

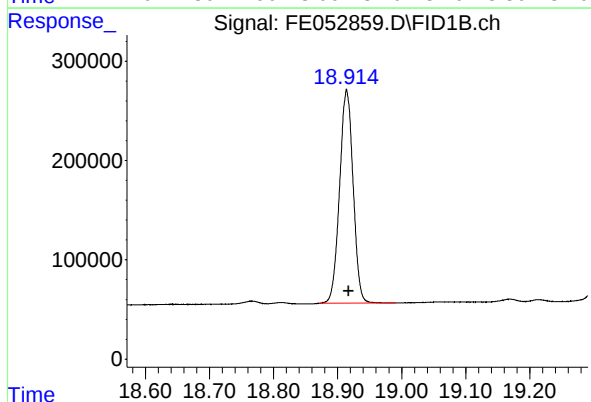
R.T.: 17.190 min
Delta R.T.: -0.002 min
Response: 2833845
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

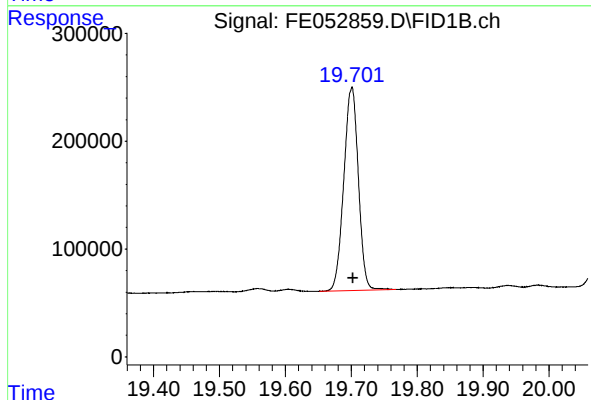
R.T.: 18.079 min
Delta R.T.: -0.006 min
Response: 3099750
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :
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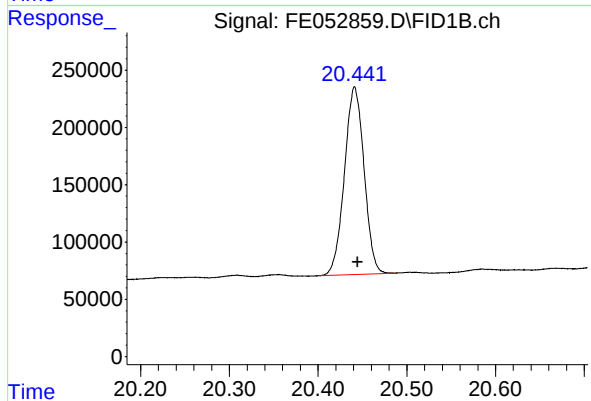
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.003 min
Response: 3138944
Conc: 21.62 ug/ml



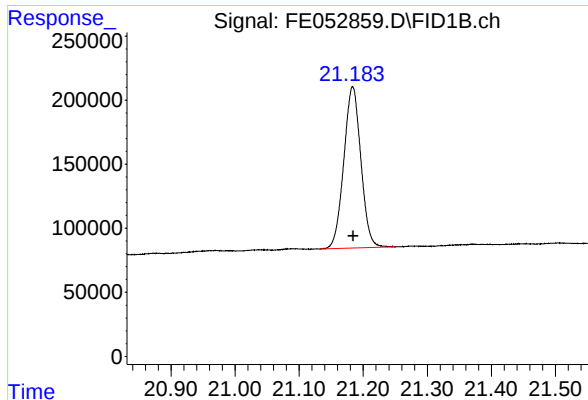
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.002 min
Response: 2892257
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

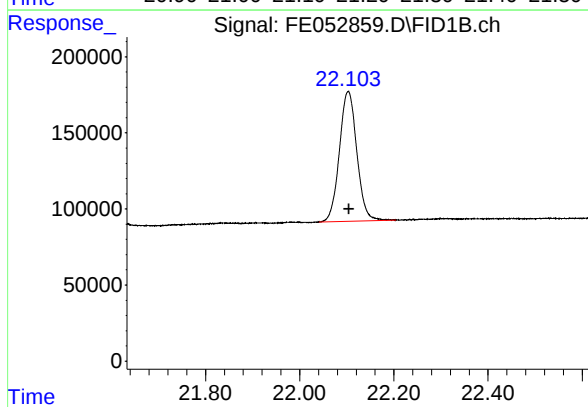
R.T.: 20.441 min
Delta R.T.: -0.004 min
Response: 2513718
Conc: 21.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.001 min
Response: 2318869
Conc: 20.90 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.001 min
Response: 2188223
Conc: 20.24 ug/ml