

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
 Data File : FE052953.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2025 10:09
 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: Mar 26 03:22:54 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)	11.910	3227756	19.146 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	13.355	2371217	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T n-Nonane (C9)	3.247	2946708	19.005 ug/ml
2) T n-Decane (C10)	4.509	3133726	19.948 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3337921	19.682 ug/ml
4) T n-Dodecane (C12)	6.691	3128000	20.090 ug/ml
5) T A~2-methylnaphthalene...	7.327	3202137	19.759 ug/ml
6) T n-Tetradecane (C14)	8.529	3050900	20.163 ug/ml
7) T n-Hexadecane (C16)	10.145	3107531	20.326 ug/ml
8) T n-Octadecane (C18)	11.595	3069021	20.172 ug/ml
10) T n-Eicosane (C20)	12.910	2884837	19.872 ug/ml
11) T n-Heneicosane (C21)	13.524	2814432	19.774 ug/ml
13) T n-Docosane (C22)	14.112	2790238	19.607 ug/ml
14) T n-Tetracosane (C24)	15.219	2785960	19.467 ug/ml
15) T n-Hexacosane (C26)	16.243	2745352	19.307 ug/ml
16) T n-Octacosane (C28)	17.198	2824509	19.864 ug/ml
17) T n-Tricontane (C30)	18.088	3085109	20.888 ug/ml
18) T n-Dotriacontane (C32)	18.923	3156350	21.741 ug/ml
19) T n-Tetratriacontane (C34)	19.710	2862773	21.240 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2513591	21.154 ug/ml
21) T n-Octatriacontane (C38)	21.195	2342376	21.115 ug/ml
22) T n-Tetracontane (C40)	22.117	2304601	21.316 ug/ml

(f)=RT Delta > 1/2 Window

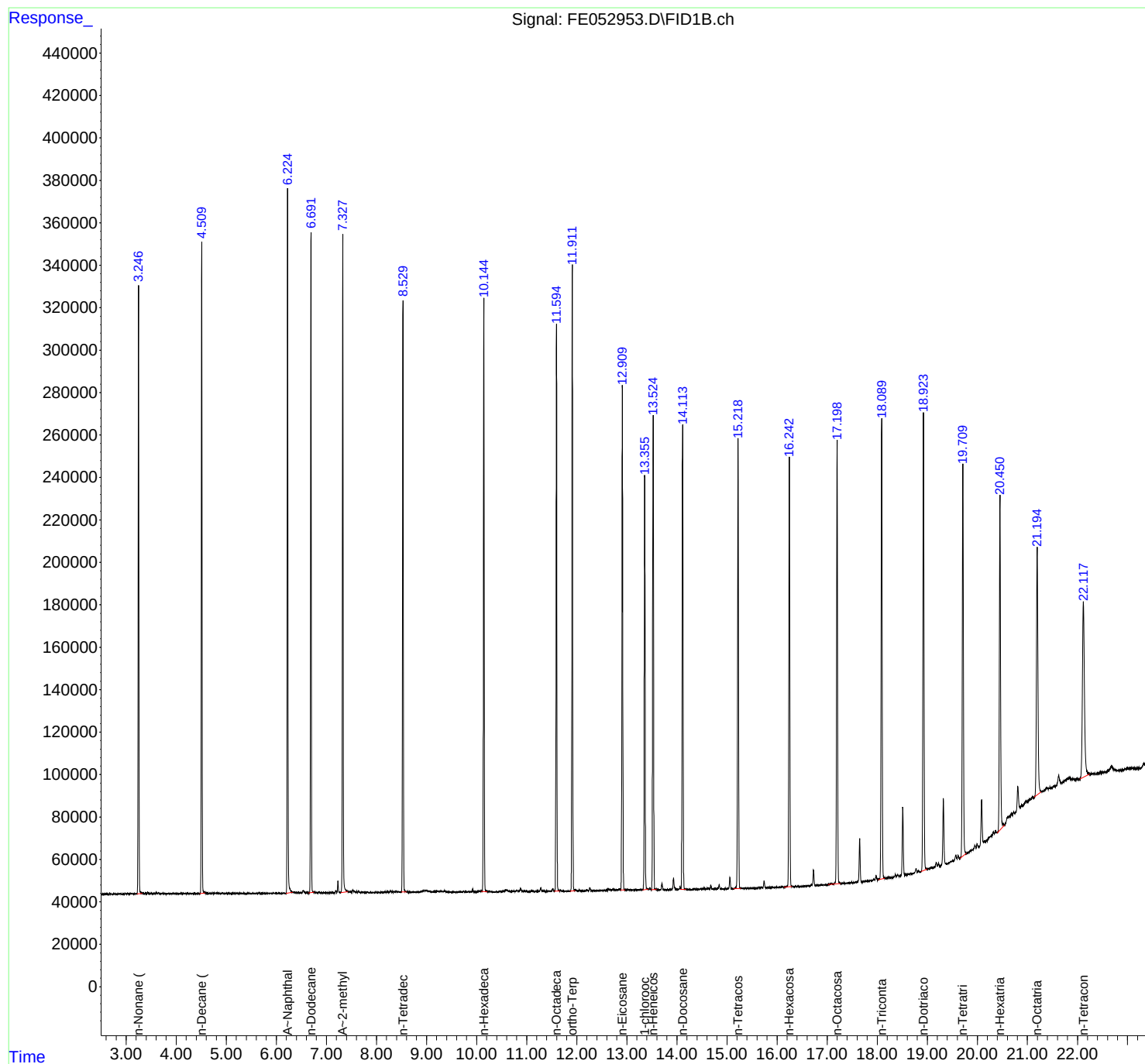
(m)=manual int.

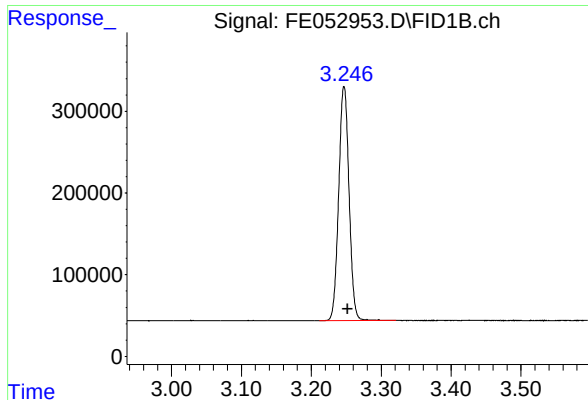
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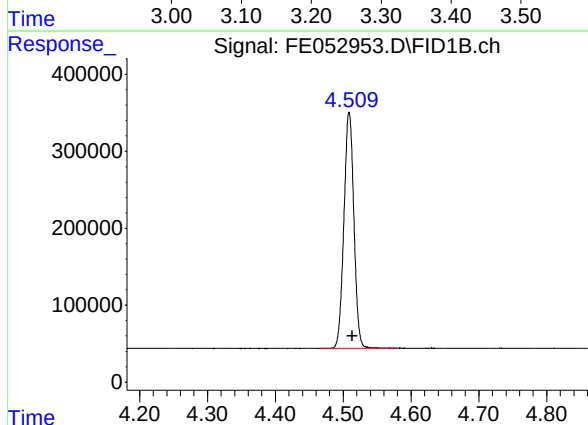




#1 n-Nonane (C9)

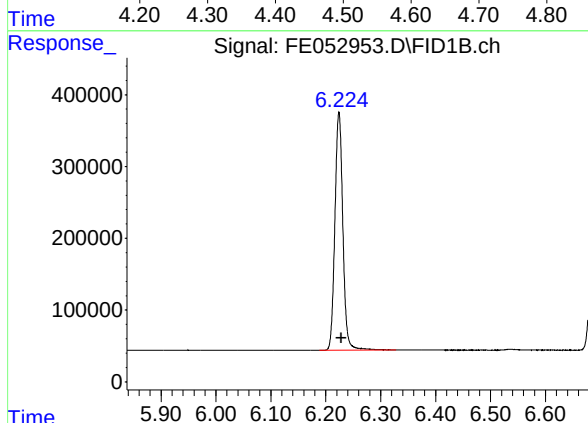
R.T.: 3.247 min
Delta R.T.: -0.005 min
Response: 2946708
Conc: 19.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



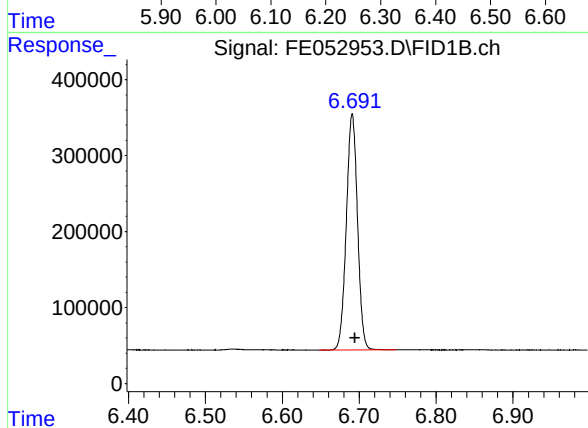
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 3133726
Conc: 19.95 ug/ml



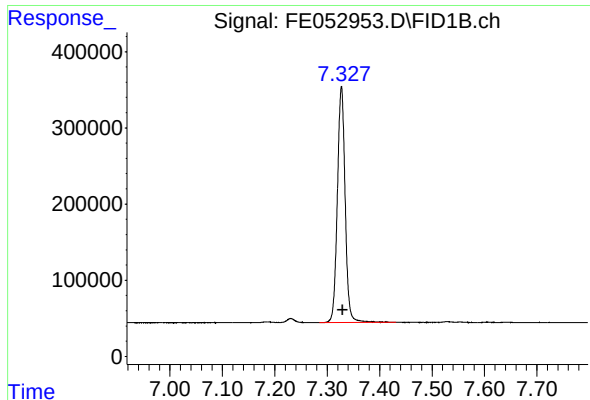
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 3337921
Conc: 19.68 ug/ml



#4 n-Dodecane (C12)

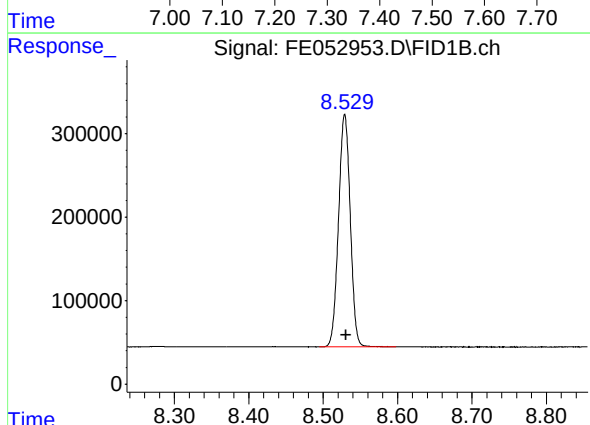
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3128000
Conc: 20.09 ug/ml



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

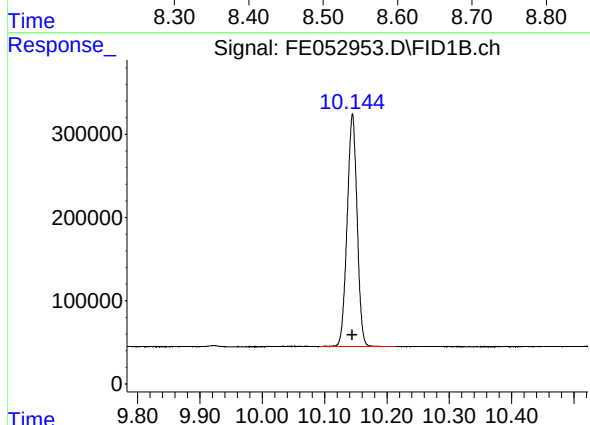
R.T.: 7.327 min
Delta R.T.: -0.002 min
Response: 3202137
Conc: 19.76 ug/ml

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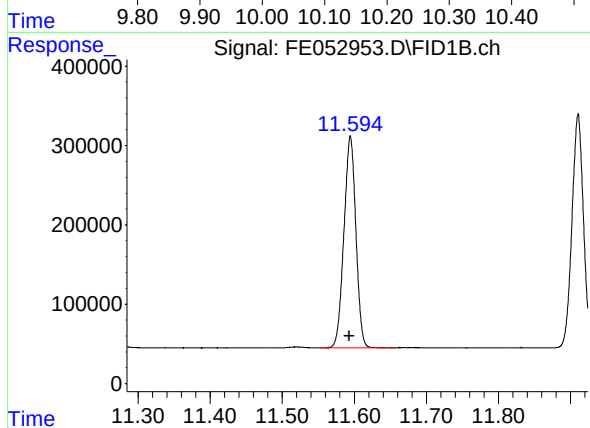
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 3050900
Conc: 20.16 ug/ml



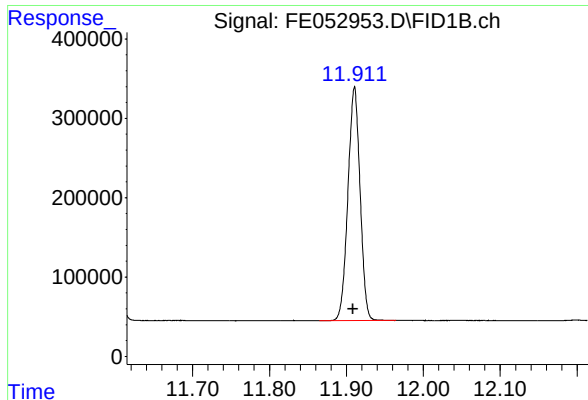
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 3107531
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

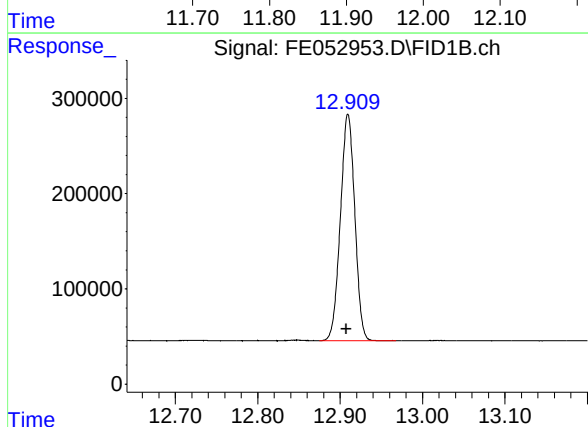
R.T.: 11.595 min
Delta R.T.: 0.001 min
Response: 3069021
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

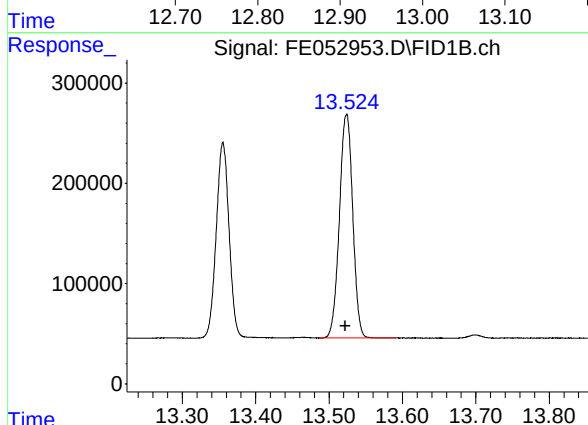
R.T.: 11.910 min
Delta R.T.: 0.002 min
Response: 3227756
Conc: 19.15 ug/ml

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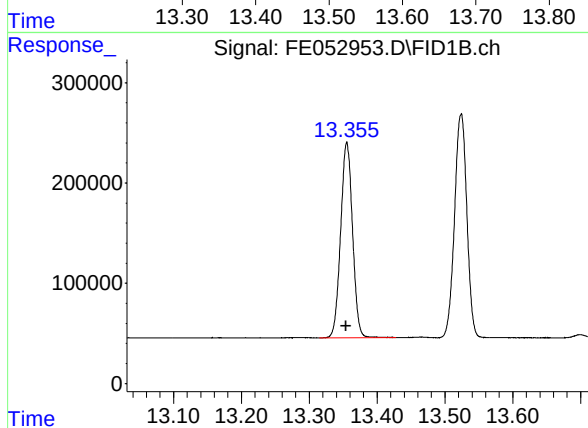
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 2884837
Conc: 19.87 ug/ml



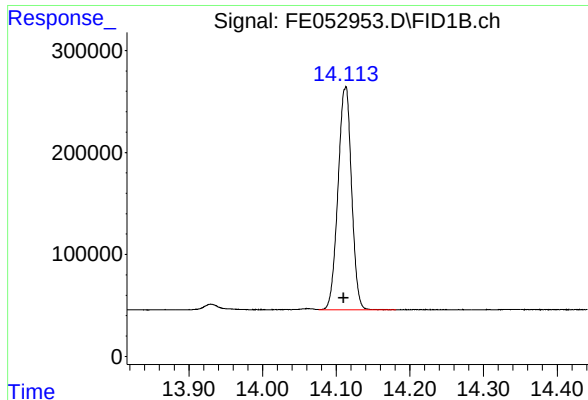
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.001 min
Response: 2814432
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

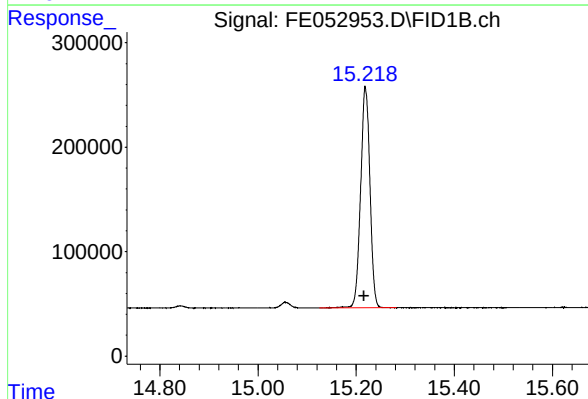
R.T.: 13.355 min
Delta R.T.: 0.001 min
Response: 2371217
Conc: 19.53 ug/ml



#13 n-Docosane (C22)

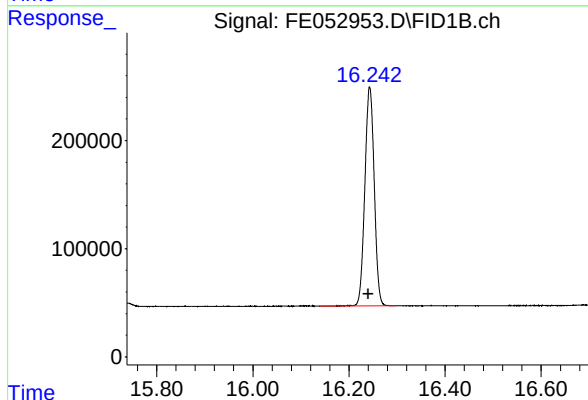
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 2790238
Conc: 19.61 ug/ml

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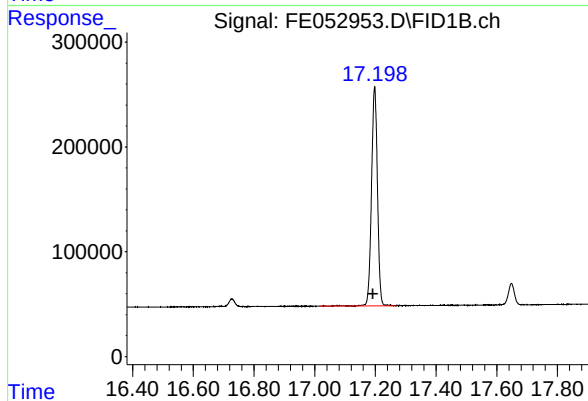
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.003 min
Response: 2785960
Conc: 19.47 ug/ml



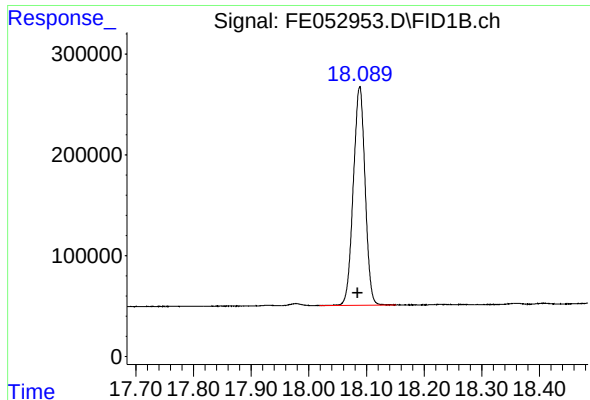
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.003 min
Response: 2745352
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

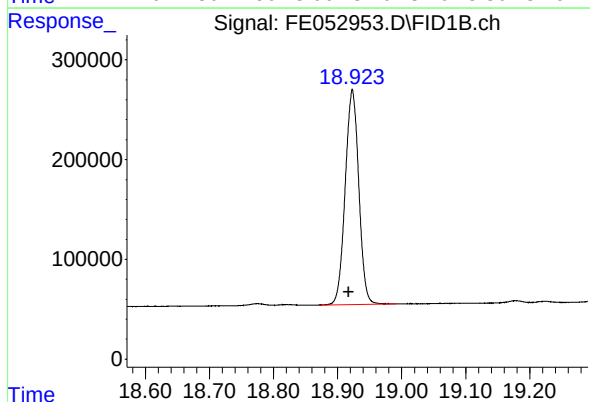
R.T.: 17.198 min
Delta R.T.: 0.006 min
Response: 2824509
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

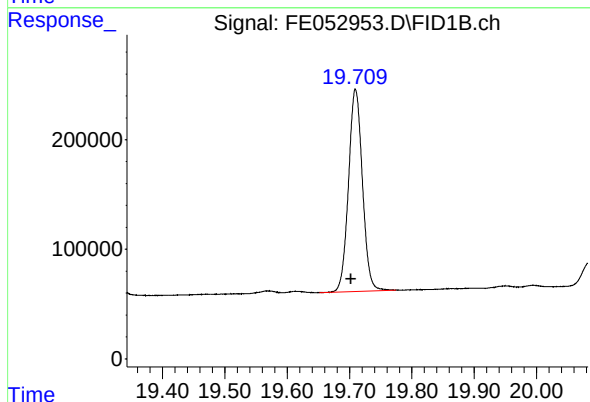
R.T.: 18.088 min
Delta R.T.: 0.003 min
Response: 3085109
Conc: 20.89 ug/ml

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20 PPM ALIPHATIC HC STD



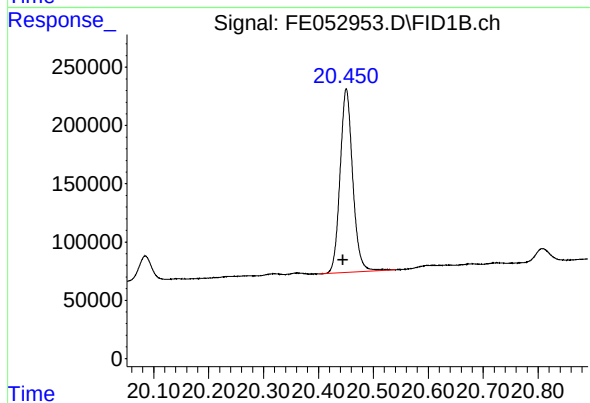
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.006 min
Response: 3156350
Conc: 21.74 ug/ml



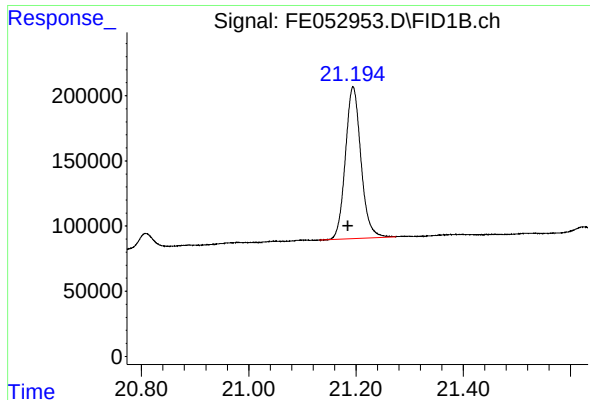
#19 n-Tetatriacontane (C34)

R.T.: 19.710 min
Delta R.T.: 0.007 min
Response: 2862773
Conc: 21.24 ug/ml



#20 n-Hexatriacontane (C36)

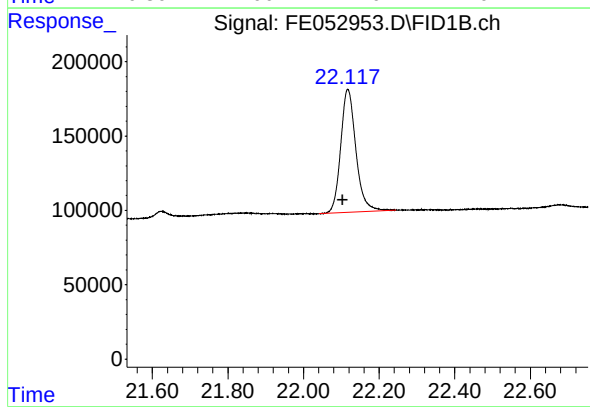
R.T.: 20.451 min
Delta R.T.: 0.006 min
Response: 2513591
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.010 min
Response: 2342376
Conc: 21.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: 0.013 min
Response: 2304601
Conc: 21.32 ug/ml