

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031225AL\
 Data File : FE052758.D
 Signal(s) : FID1B.ch
 Acq On : 12 Mar 2025 11:29
 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 13 03:54:01 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)	11.908	3091267	18.336 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
12) S 1-chlorooctadecane (S...	13.353	2276090	18.745 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.247	2810921	18.129 ug/ml
2) T n-Decane (C10)	4.509	2924744	18.618 ug/ml
3) T A~Naphthalene (C11.7)	6.223	3145996	18.550 ug/ml
4) T n-Dodecane (C12)	6.691	2914738	18.720 ug/ml
5) T A~2-methylnaphthalene...	7.325	3015903	18.610 ug/ml
6) T n-Tetradecane (C14)	8.528	2849305	18.831 ug/ml
7) T n-Hexadecane (C16)	10.143	2882691	18.855 ug/ml
8) T n-Octadecane (C18)	11.592	2847973	18.719 ug/ml
10) T n-Eicosane (C20)	12.907	2698813	18.590 ug/ml
11) T n-Heneicosane (C21)	13.521	2631717	18.490 ug/ml
13) T n-Docosane (C22)	14.110	2641394	18.561 ug/ml
14) T n-Tetracosane (C24)	15.215	2693460	18.821 ug/ml
15) T n-Hexacosane (C26)	16.239	2688793	18.909 ug/ml
16) T n-Octacosane (C28)	17.192	2752673	19.358 ug/ml
17) T n-Tricontane (C30)	18.081	2888958	19.560 ug/ml
18) T n-Dotriacontane (C32)	18.915	2871164	19.777 ug/ml
19) T n-Tetratriacontane (C34)	19.700	2664977	19.773 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2371487	19.958 ug/ml
21) T n-Octatriacontane (C38)	21.184	2201838	19.848 ug/ml
22) T n-Tetracontane (C40)	22.104	2101707	19.439 ug/ml

(f)=RT Delta > 1/2 Window

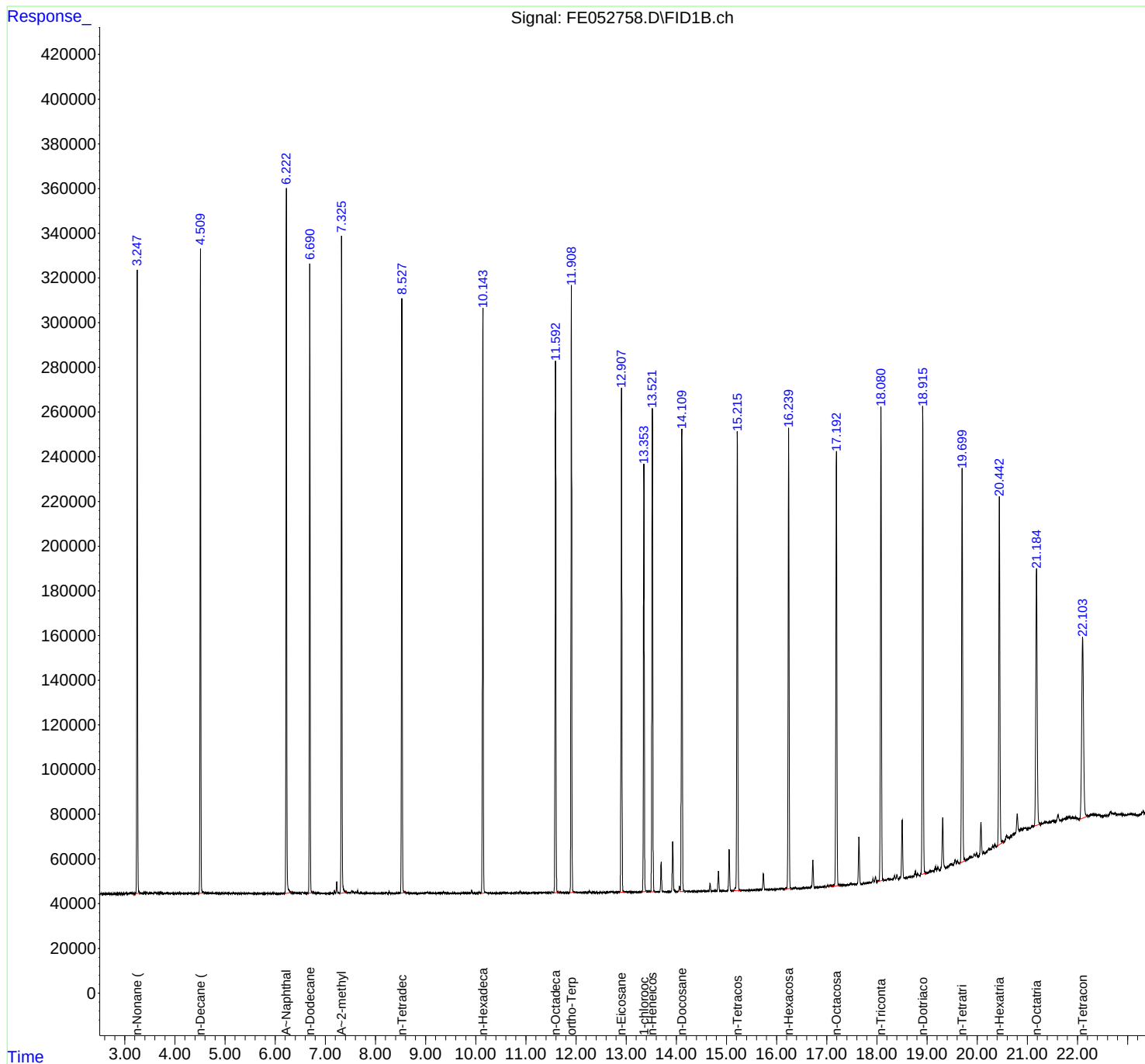
(m)=manual int.

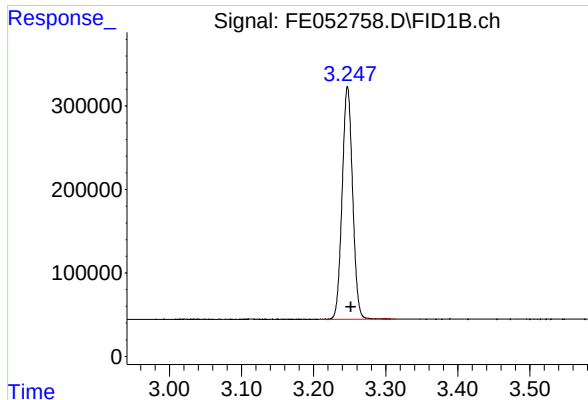
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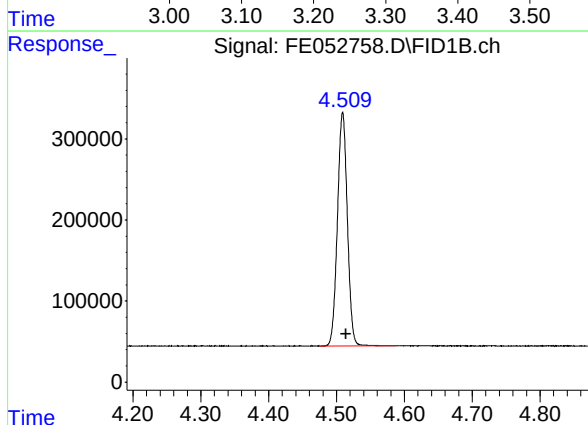




#1 n-Nonane (C9)

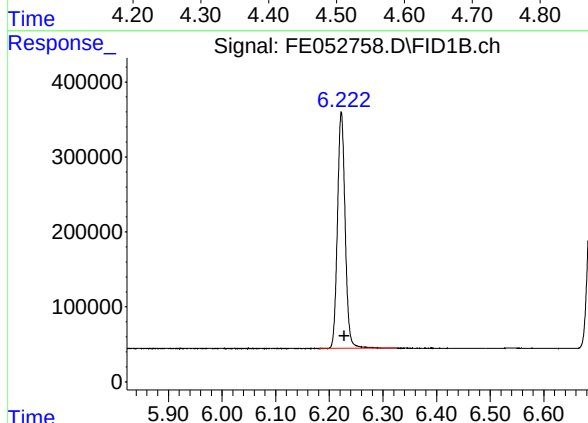
R.T.: 3.247 min
Delta R.T.: -0.005 min
Response: 2810921
Conc: 18.13 ug/ml

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20 PPM ALIPHATIC HC STD



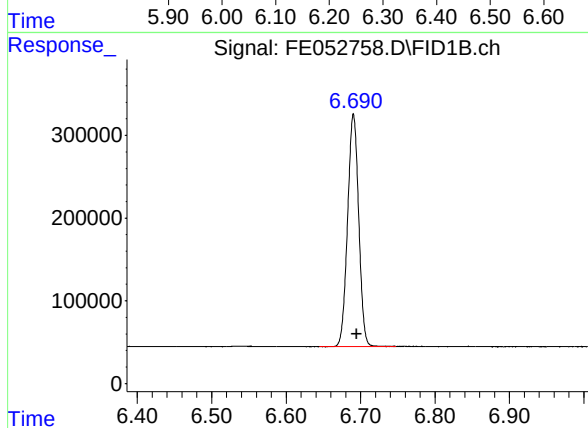
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: -0.005 min
Response: 2924744
Conc: 18.62 ug/ml



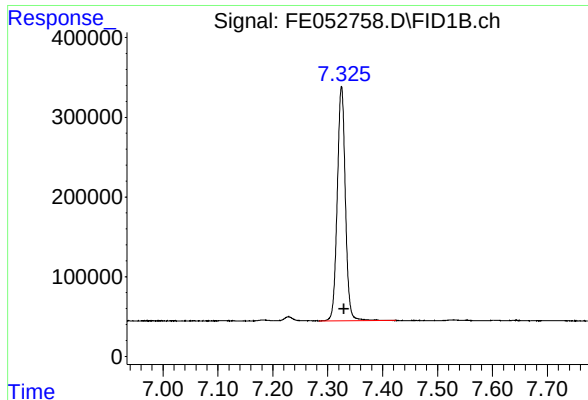
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 3145996
Conc: 18.55 ug/ml



#4 n-Dodecane (C12)

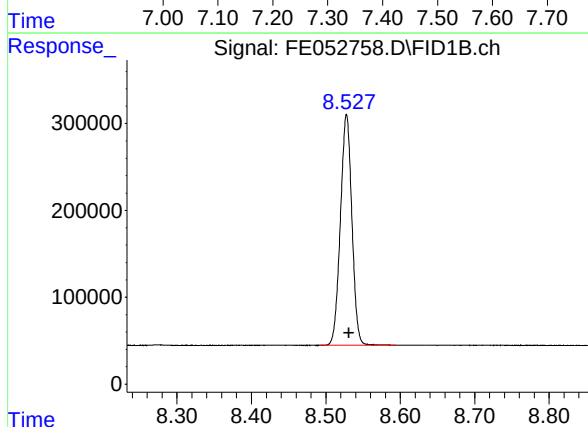
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 2914738
Conc: 18.72 ug/ml



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

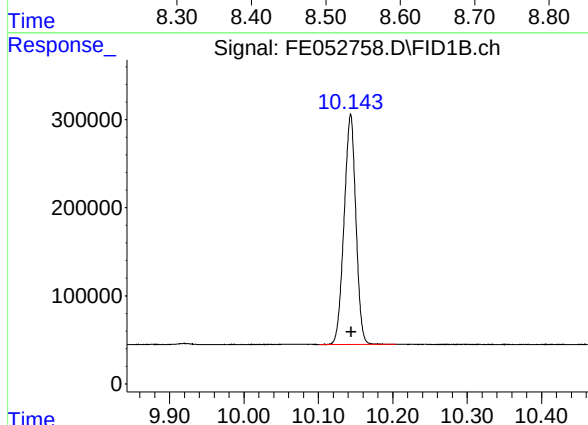
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 3015903
Conc: 18.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



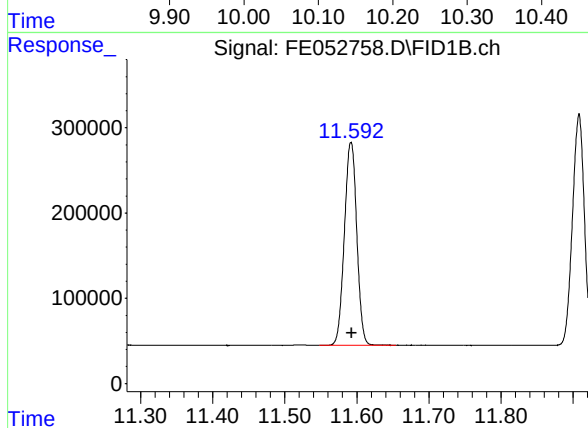
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2849305
Conc: 18.83 ug/ml



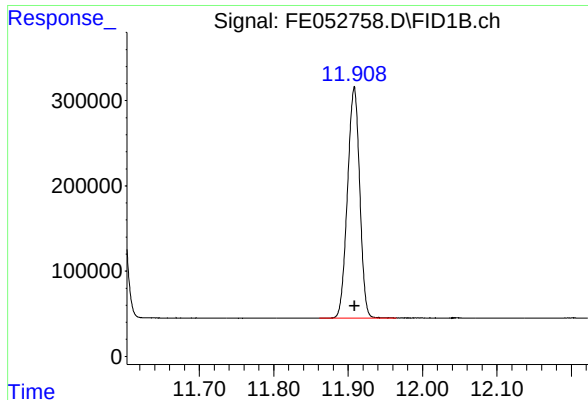
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.001 min
Response: 2882691
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

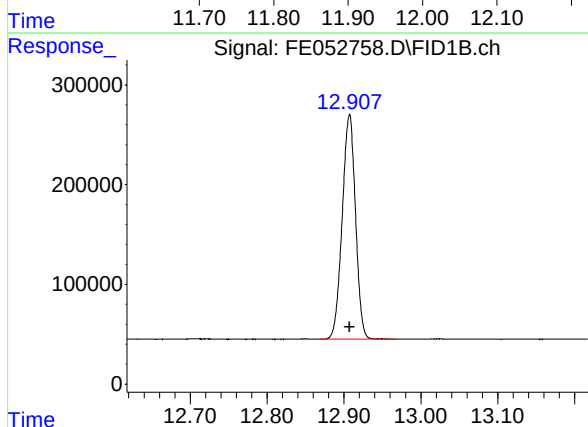
R.T.: 11.592 min
Delta R.T.: -0.001 min
Response: 2847973
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

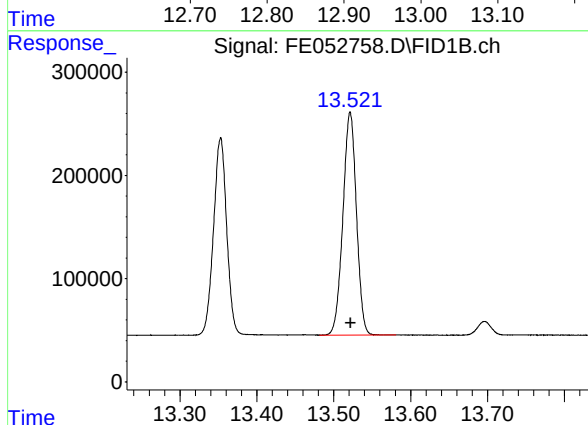
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 3091267
Conc: 18.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



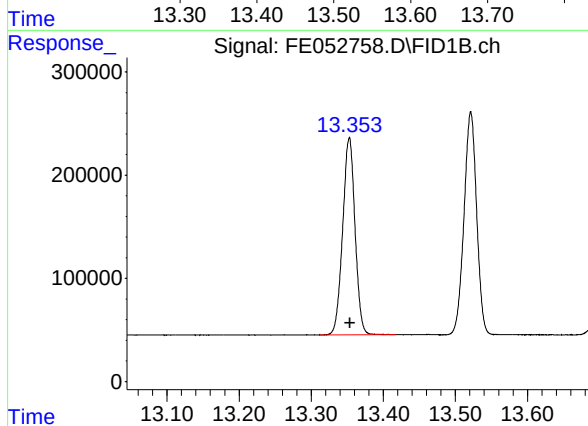
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 2698813
Conc: 18.59 ug/ml



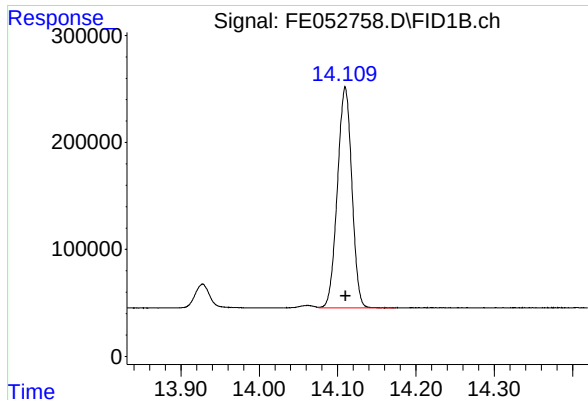
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2631717
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

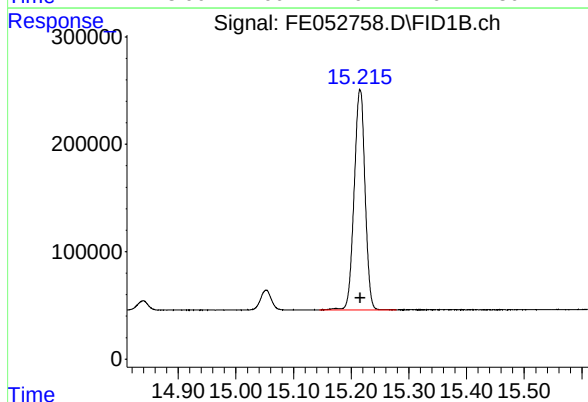
R.T.: 13.353 min
Delta R.T.: -0.001 min
Response: 2276090
Conc: 18.74 ug/ml



#13 n-Docosane (C22)

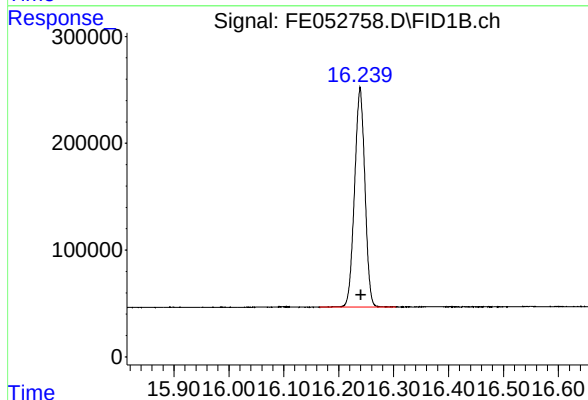
R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 2641394
Conc: 18.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



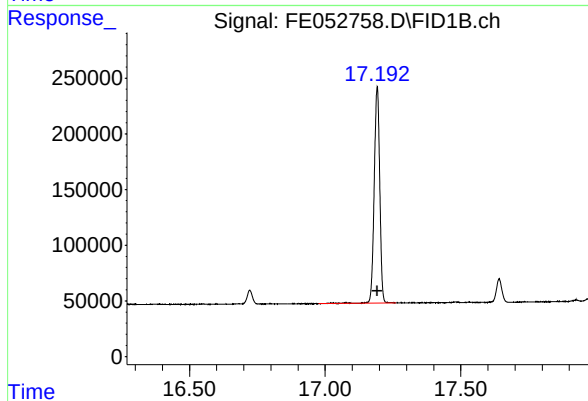
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 2693460
Conc: 18.82 ug/ml



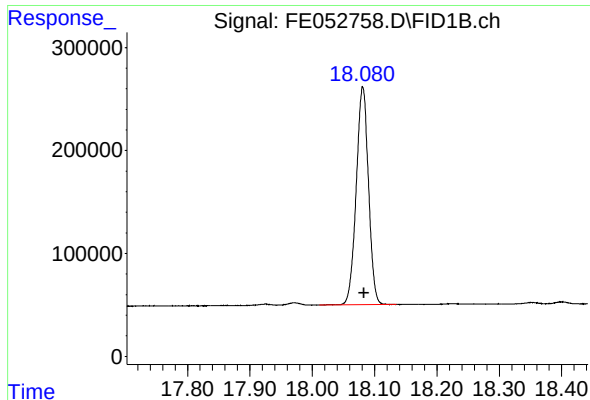
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.002 min
Response: 2688793
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

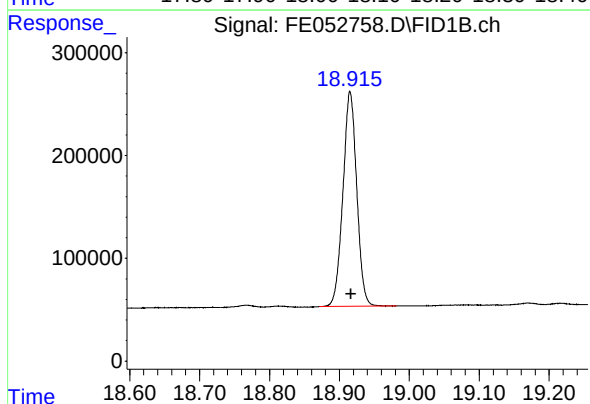
R.T.: 17.192 min
Delta R.T.: 0.000 min
Response: 2752673
Conc: 19.36 ug/ml



#17 n-Tricontane (C30)

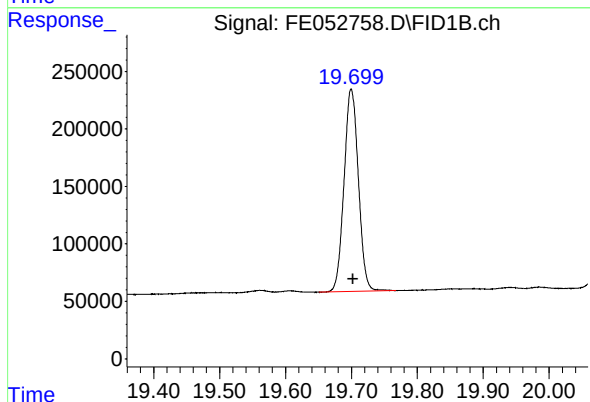
R.T.: 18.081 min
Delta R.T.: -0.002 min
Response: 2888958
Conc: 19.56 ug/ml

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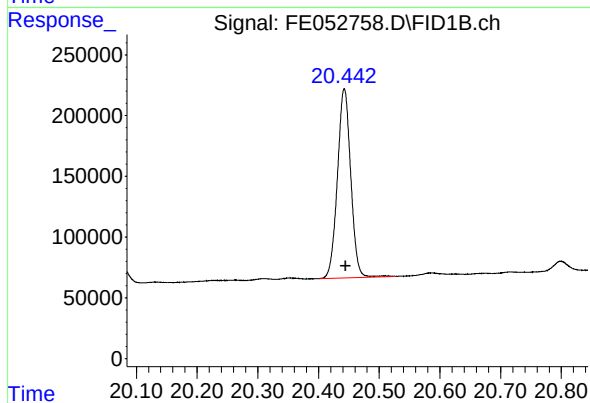
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.002 min
Response: 2871164
Conc: 19.78 ug/ml



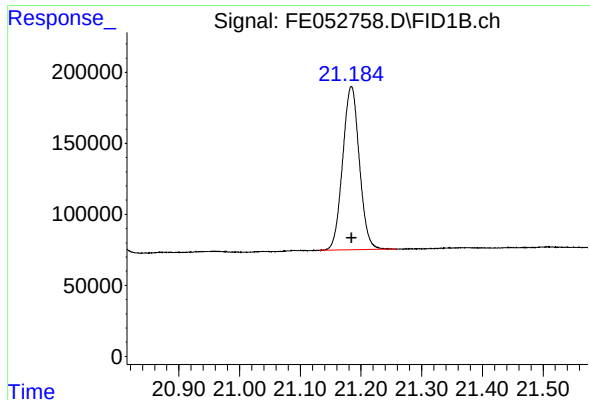
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.003 min
Response: 2664977
Conc: 19.77 ug/ml



#20 n-Hexatriacontane (C36)

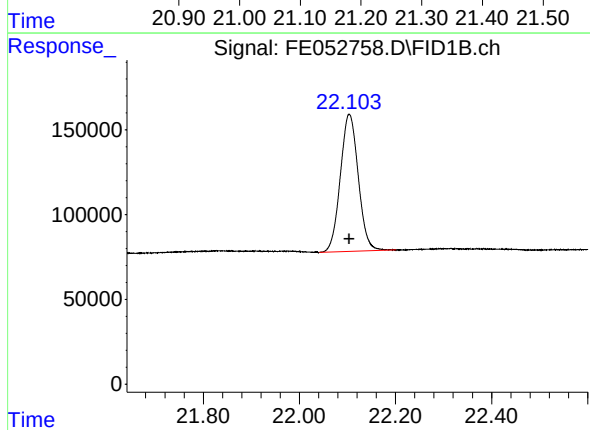
R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 2371487
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 2201838
Conc: 19.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 2101707
Conc: 19.44 ug/ml