

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120825AL\
 Data File : FE057217.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2025 12:35
 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: Dec 09 00:36:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.935	4348696	19.817 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	13.373	3264942	19.618 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.293	3919241	20.036 ug/ml
2) T n-Decane (C10)	4.546	4042846	19.988 ug/ml
3) T A~Naphthalene (C11.7)	6.264	4078975	20.260 ug/ml
4) T n-Dodecane (C12)	6.719	4119529	20.184 ug/ml
5) T A~2-methylnaphthalene...	7.363	3773052	19.636 ug/ml
6) T n-Tetradecane (C14)	8.552	4045933	20.101 ug/ml
7) T n-Hexadecane (C16)	10.164	4103893	20.012 ug/ml
8) T n-Octadecane (C18)	11.611	4109977	19.940 ug/ml
10) T n-Eicosane (C20)	12.925	3868609	19.667 ug/ml
11) T n-Heneicosane (C21)	13.538	3772232	19.634 ug/ml
13) T n-Docosane (C22)	14.126	3720785	19.275 ug/ml
14) T n-Tetracosane (C24)	15.232	3662456	18.492 ug/ml
15) T n-Hexacosane (C26)	16.256	3604440	18.168 ug/ml
16) T n-Octacosane (C28)	17.209	3581906	17.430 ug/ml
17) T n-Tricontane (C30)	18.098	3703762	16.503 ug/ml
18) T n-Dotriacontane (C32)	18.932	3646837	15.622 ug/ml
19) T n-Tetratriacontane (C34)	19.718	3558817	16.662 ug/ml
20) T n-Hexatriacontane (C36)	20.460	3205485	17.222 ug/ml
21) T n-Octatriacontane (C38)	21.207	3117463	17.988 ug/ml
22) T n-Tetracontane (C40)	22.137	3042127	18.053 ug/ml

(f)=RT Delta > 1/2 Window

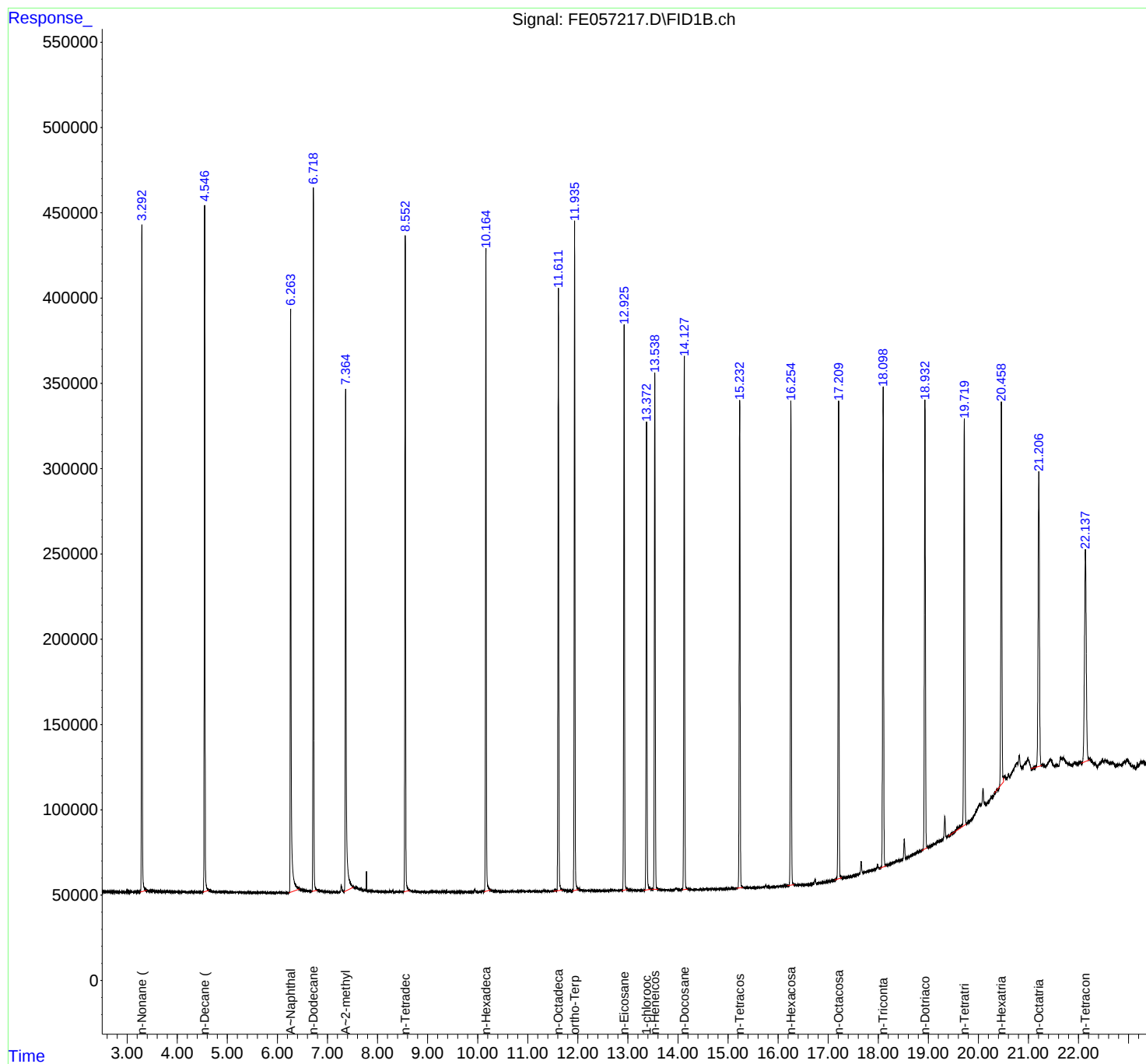
(m)=manual int.

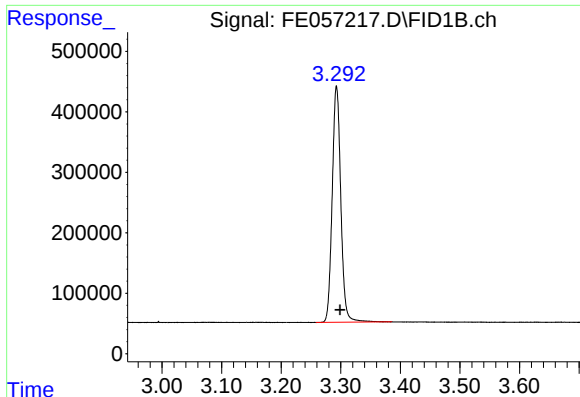
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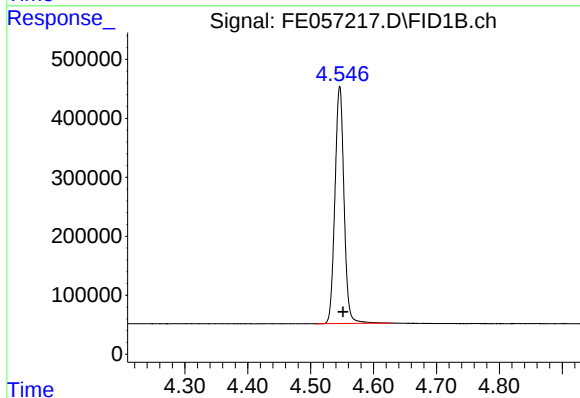




#1 n-Nonane (C9)

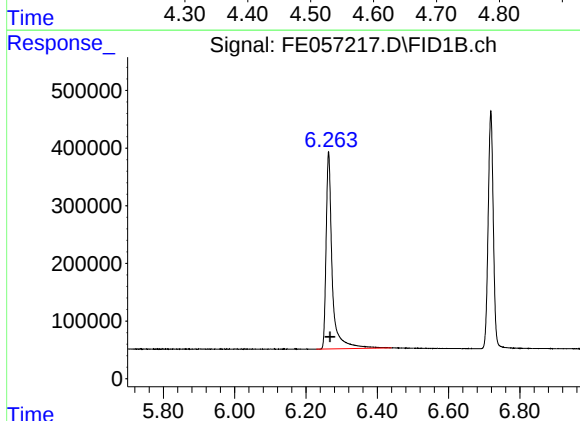
R.T.: 3.293 min
Delta R.T.: -0.006 min
Response: 3919241
Conc: 20.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



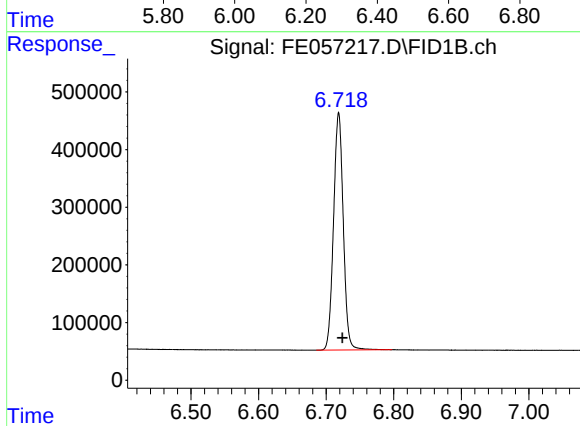
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.005 min
Response: 4042846
Conc: 19.99 ug/ml



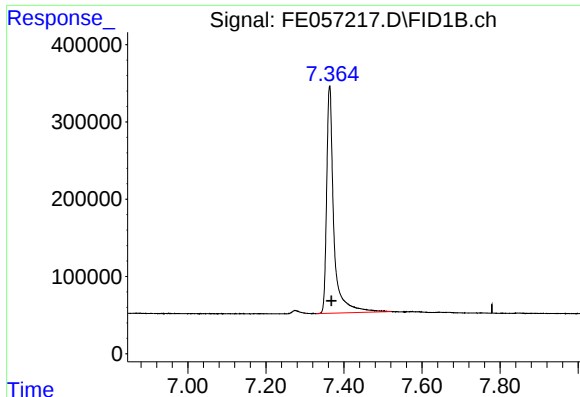
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.004 min
Response: 4078975
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

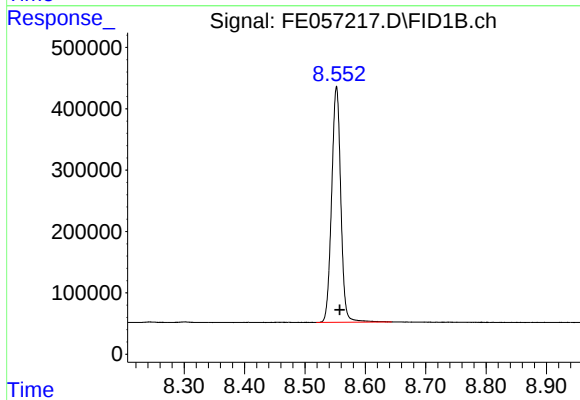
R.T.: 6.719 min
Delta R.T.: -0.006 min
Response: 4119529
Conc: 20.18 ug/ml



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

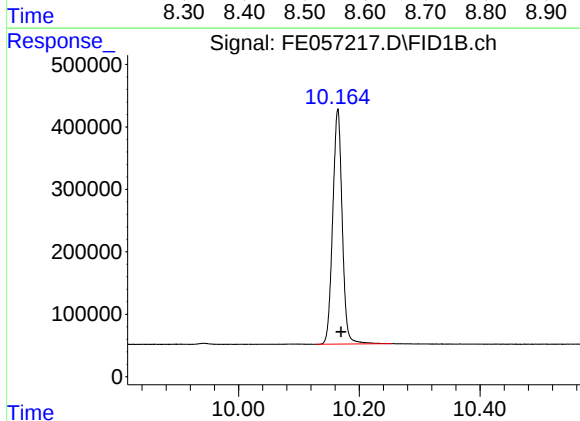
R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 3773052
Conc: 19.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



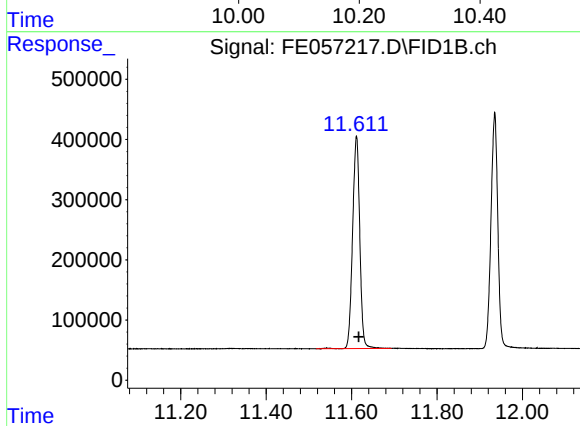
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.005 min
Response: 4045933
Conc: 20.10 ug/ml



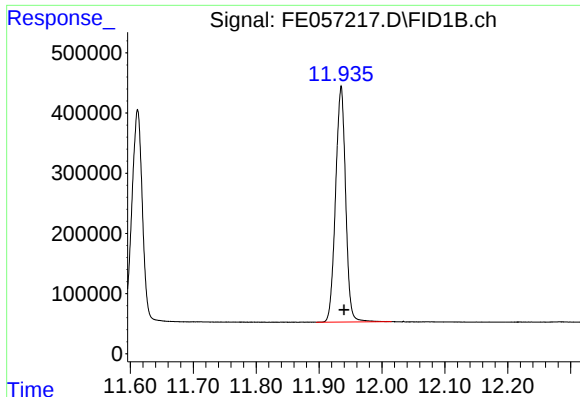
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 4103893
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

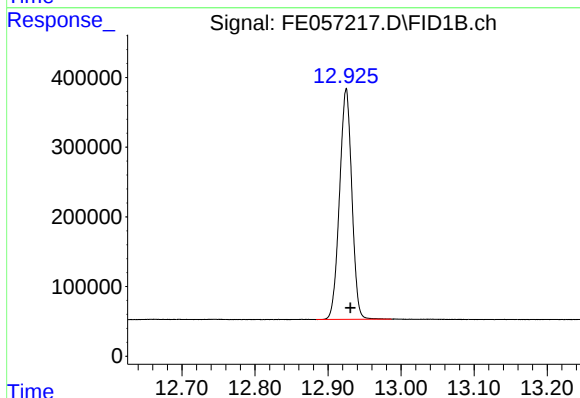
R.T.: 11.611 min
Delta R.T.: -0.005 min
Response: 4109977
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

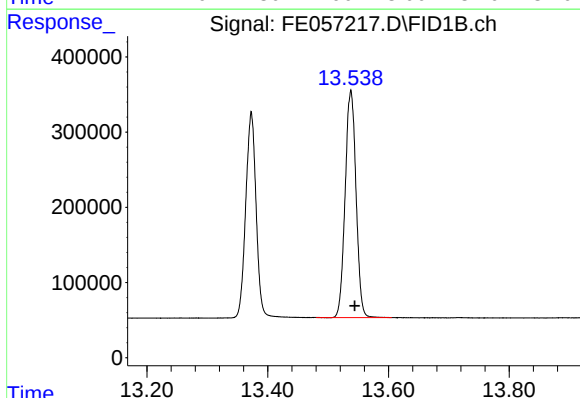
R.T.: 11.935 min
Delta R.T.: -0.005 min
Response: 4348696
Conc: 19.82 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



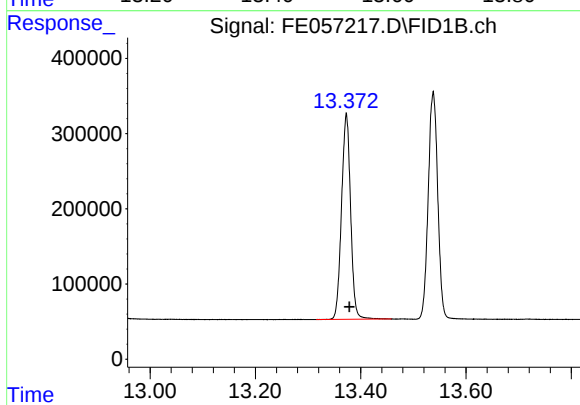
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.006 min
Response: 3868609
Conc: 19.67 ug/ml



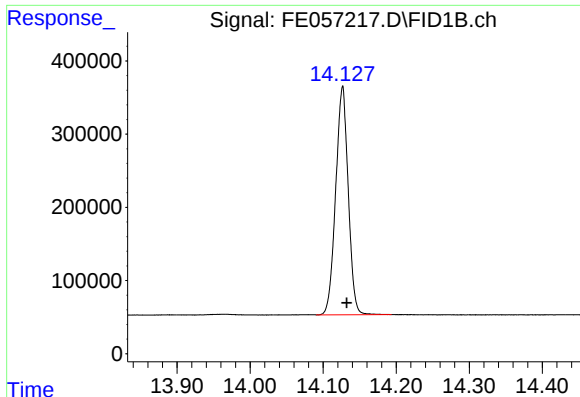
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.007 min
Response: 3772232
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

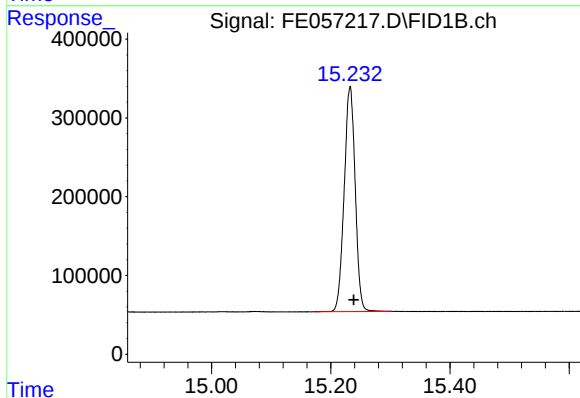
R.T.: 13.373 min
Delta R.T.: -0.006 min
Response: 3264942
Conc: 19.62 ug/ml



#13 n-Docosane (C22)

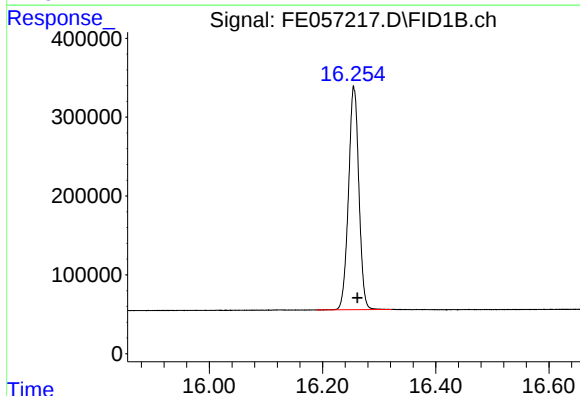
R.T.: 14.126 min
Delta R.T.: -0.006 min
Response: 3720785
Conc: 19.27 ug/ml

Instrument :
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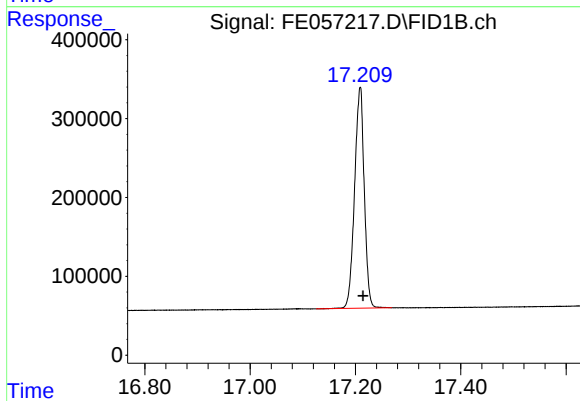
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.006 min
Response: 3662456
Conc: 18.49 ug/ml



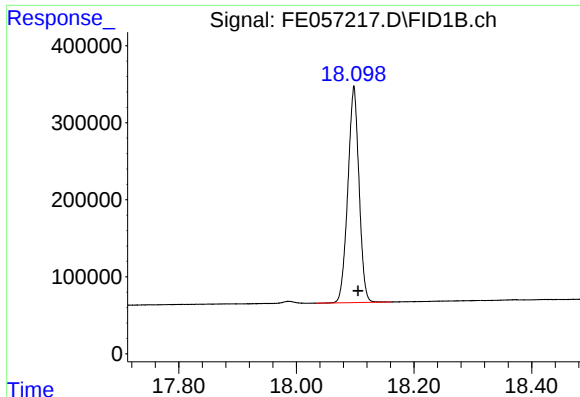
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.006 min
Response: 3604440
Conc: 18.17 ug/ml



#16 n-Octacosane (C28)

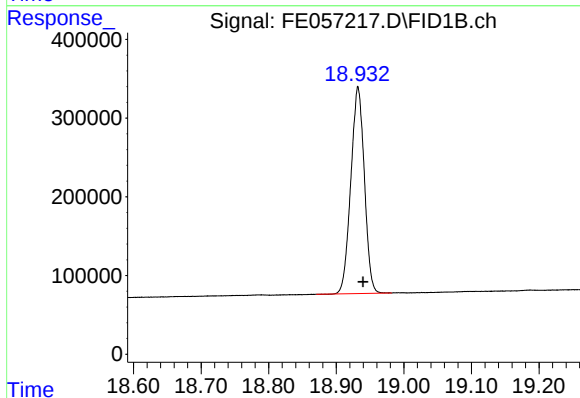
R.T.: 17.209 min
Delta R.T.: -0.006 min
Response: 3581906
Conc: 17.43 ug/ml



#17 n-Tricontane (C30)

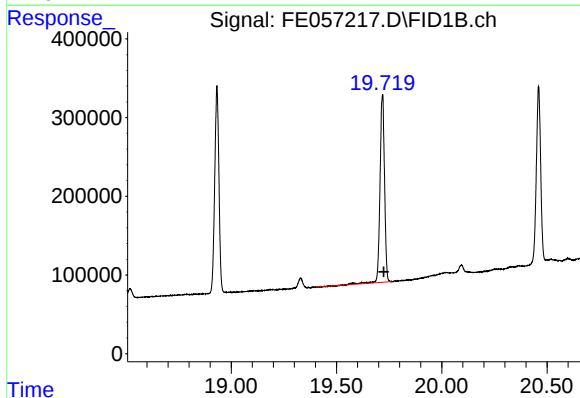
R.T.: 18.098 min
Delta R.T.: -0.007 min
Response: 3703762
Conc: 16.50 ug/ml

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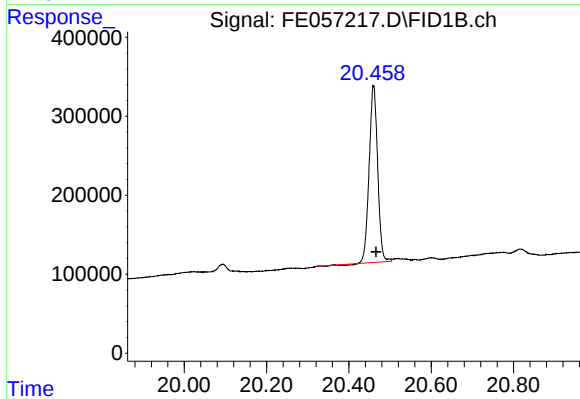
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.007 min
Response: 3646837
Conc: 15.62 ug/ml



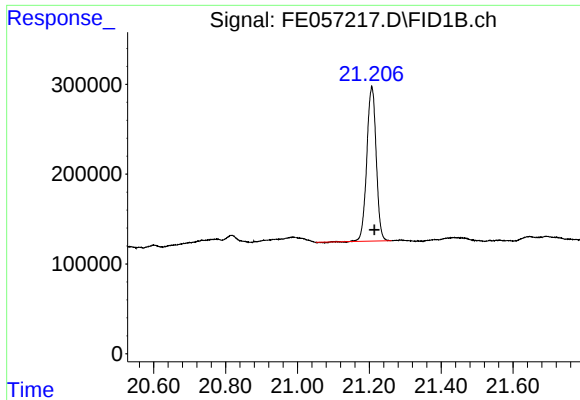
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.007 min
Response: 3558817
Conc: 16.66 ug/ml



#20 n-Hexatriacontane (C36)

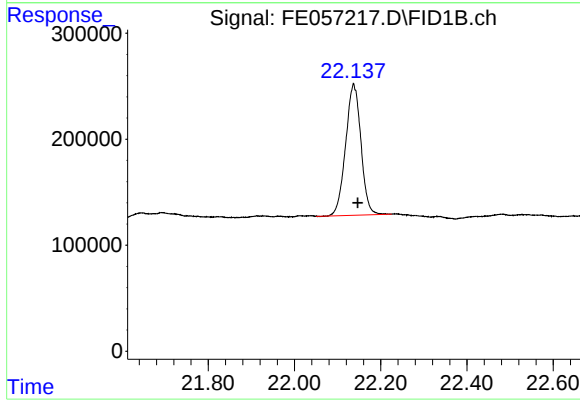
R.T.: 20.460 min
Delta R.T.: -0.006 min
Response: 3205485
Conc: 17.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.007 min
Response: 3117463
Conc: 17.99 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.009 min
Response: 3042127
Conc: 18.05 ug/ml