

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120723AL\
 Data File : FE045707.D
 Signal(s) : FID1B.ch
 Acq On : 07 Dec 2023 12:31
 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 07 23:26:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.857	4152048	19.855 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	13.301	3047848	19.370 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.238	3393458	21.400 ug/mlm
2) T n-Decane (C10)	4.490	3477851	21.718 ug/ml
3) T A~Naphthalene (C11.7)	6.191	3787489	21.743 ug/ml
4) T n-Dodecane (C12)	6.658	3507521	21.715 ug/ml
5) T A~2-methylnaphthalene...	7.288	3685514	21.703 ug/ml
6) T n-Tetradecane (C14)	8.486	3498170	21.806 ug/ml
7) T n-Hexadecane (C16)	10.099	3536656	21.357 ug/ml
8) T n-Octadecane (C18)	11.545	3548795	20.699 ug/ml
10) T n-Eicosane (C20)	12.856	3413114	19.727 ug/ml
11) T n-Heneicosane (C21)	13.469	3331001	19.363 ug/ml
13) T n-Docosane (C22)	14.056	3270084	18.966 ug/ml
14) T n-Tetracosane (C24)	15.162	3173499	18.178 ug/ml
15) T n-Hexacosane (C26)	16.185	3061281	17.578 ug/ml
16) T n-Octacosane (C28)	17.138	3000594	17.361 ug/ml
17) T n-Tricontane (C30)	18.028	3046736	17.415 ug/ml
18) T n-Dotriacontane (C32)	18.863	3076575	16.864 ug/ml
19) T n-Tetratriacontane (C34)	19.649	2960075	17.839 ug/ml
20) T n-Hexatriacontane (C36)	20.391	2930347	18.460 ug/ml
21) T n-Octatriacontane (C38)	21.127	2947063	18.793 ug/ml
22) T n-Tetracontane (C40)	22.033	3143695	22.121 ug/ml

(f)=RT Delta > 1/2 Window

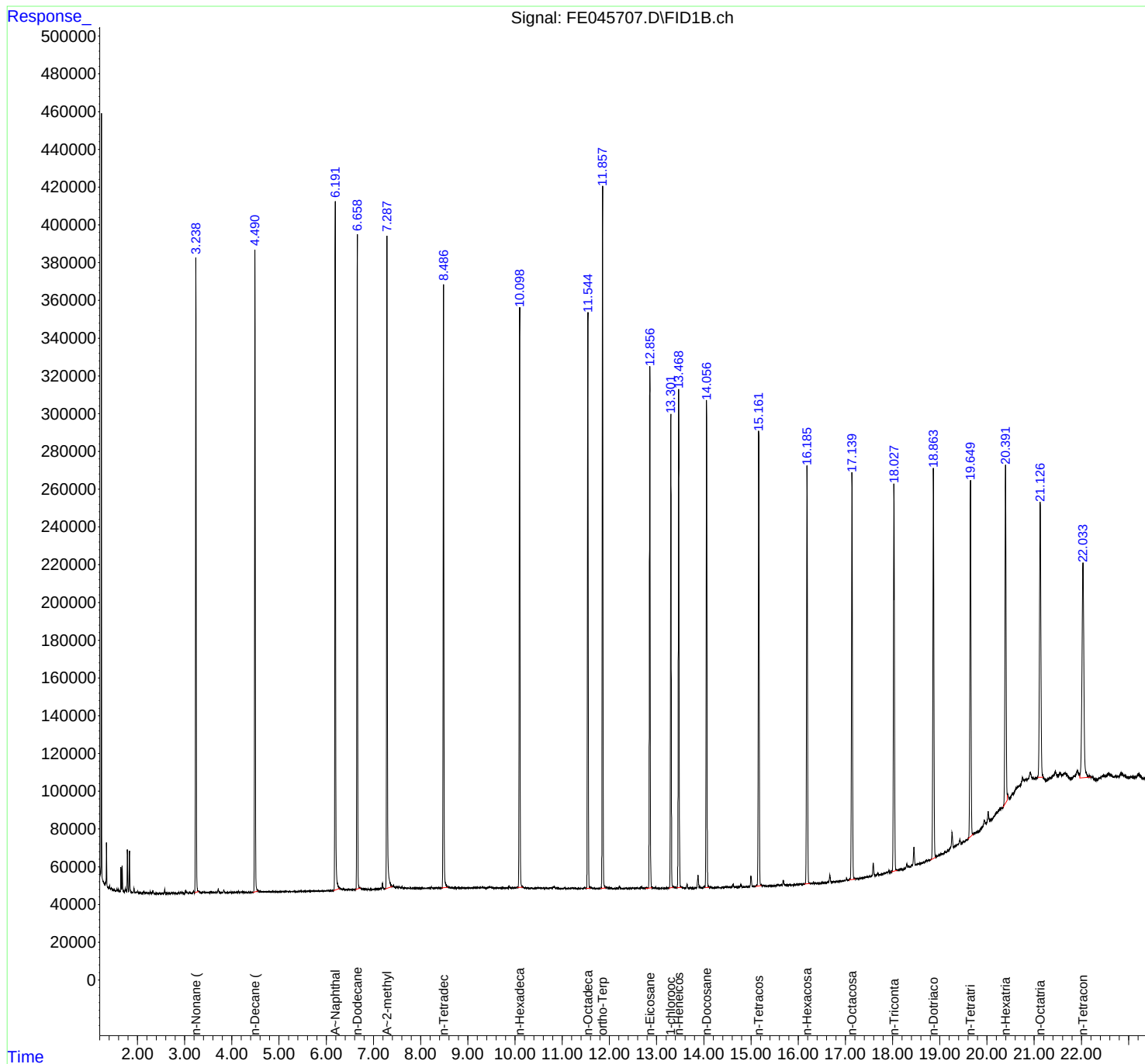
(m)=manual int.

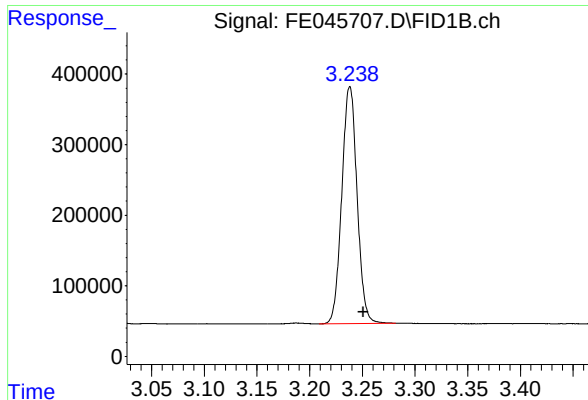
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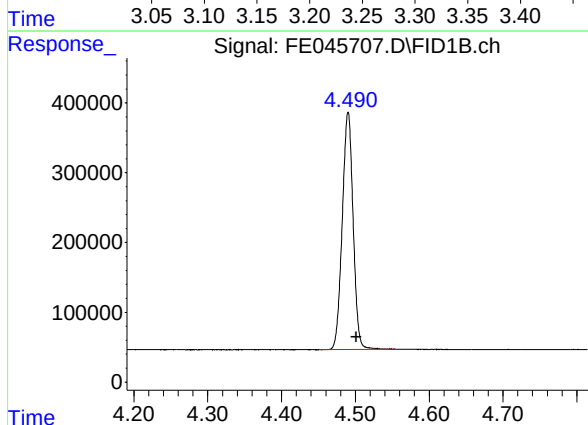




#1 n-Nonane (C9)

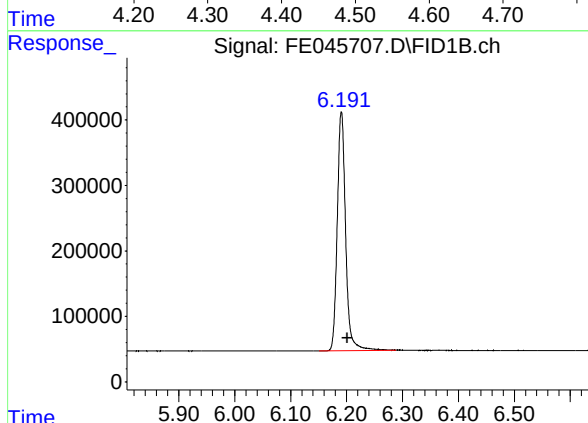
R.T.: 3.238 min
Delta R.T.: -0.013 min
Response: 3393458
Conc: 21.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



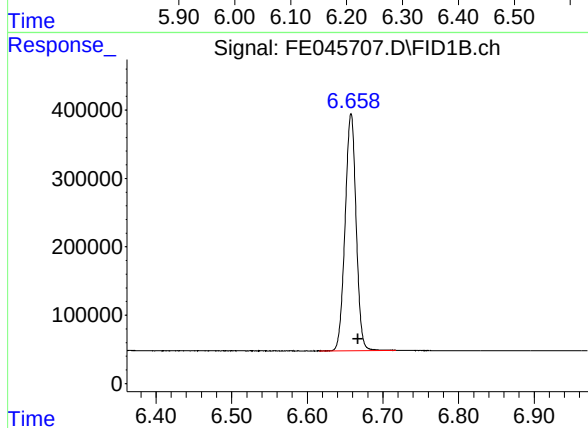
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.011 min
Response: 3477851
Conc: 21.72 ug/ml



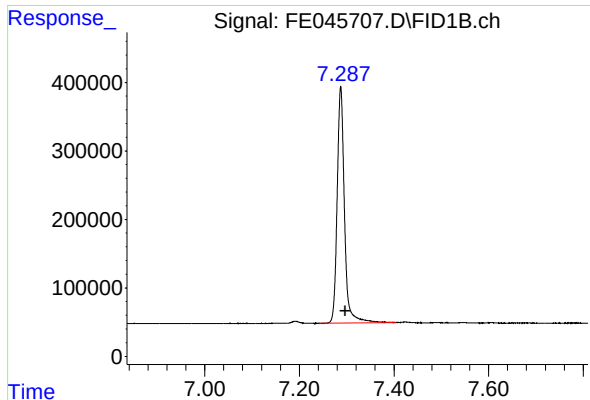
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: -0.011 min
Response: 3787489
Conc: 21.74 ug/ml



#4 n-Dodecane (C12)

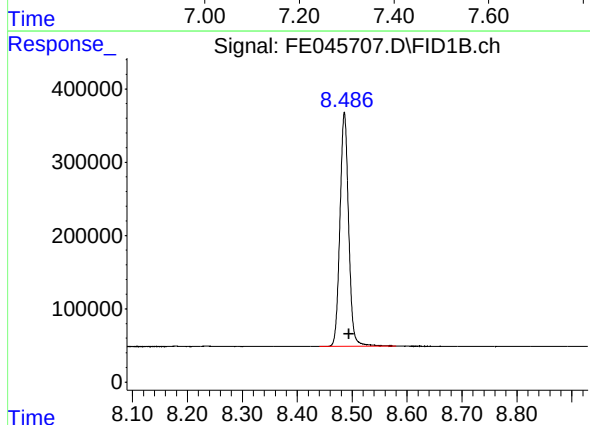
R.T.: 6.658 min
Delta R.T.: -0.009 min
Response: 3507521
Conc: 21.71 ug/ml



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

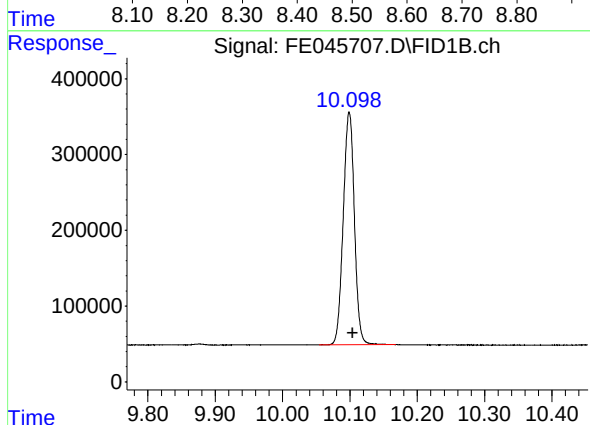
R.T.: 7.288 min
Delta R.T.: -0.010 min
Response: 3685514
Conc: 21.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



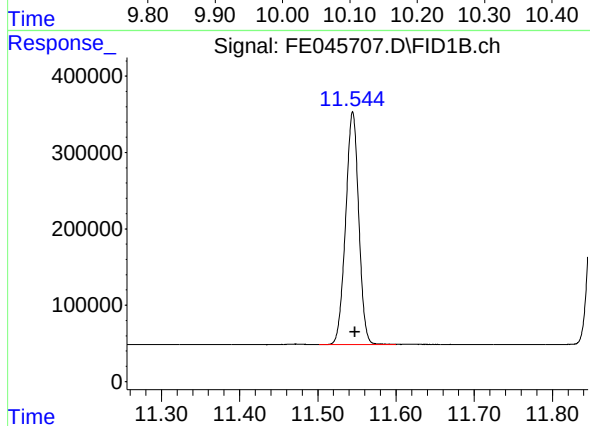
#6 n-Tetradecane (C14)

R.T.: 8.486 min
Delta R.T.: -0.008 min
Response: 3498170
Conc: 21.81 ug/ml



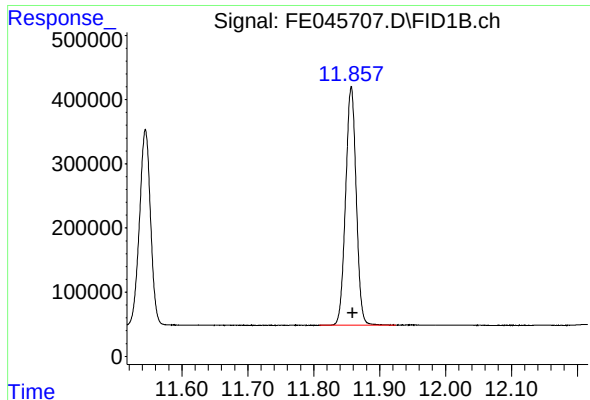
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.005 min
Response: 3536656
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

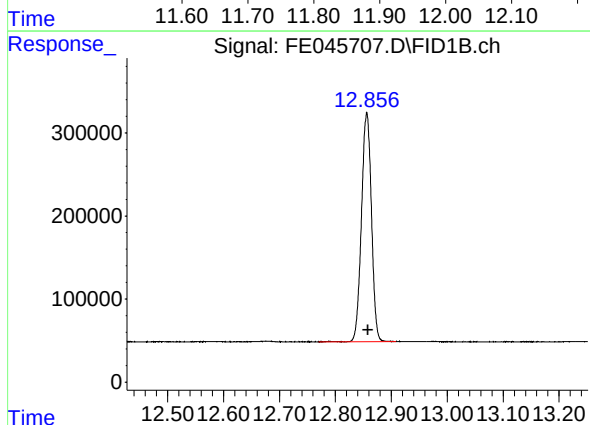
R.T.: 11.545 min
Delta R.T.: -0.003 min
Response: 3548795
Conc: 20.70 ug/ml



#9 ortho-Terphenyl (SURR)

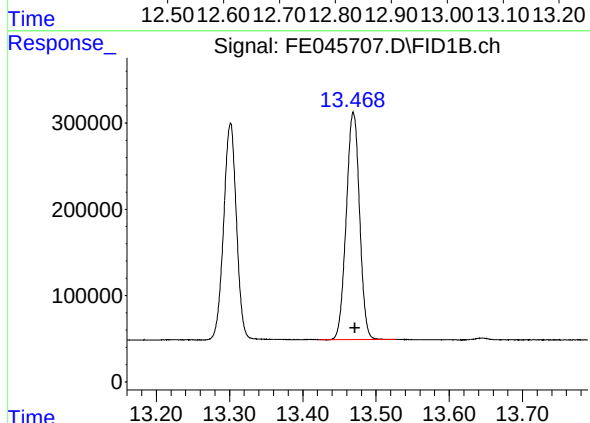
R.T.: 11.857 min
Delta R.T.: -0.002 min
Response: 4152048
Conc: 19.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



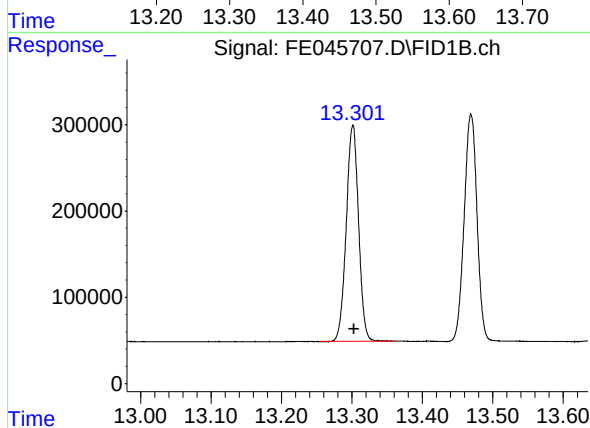
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: -0.002 min
Response: 3413114
Conc: 19.73 ug/ml



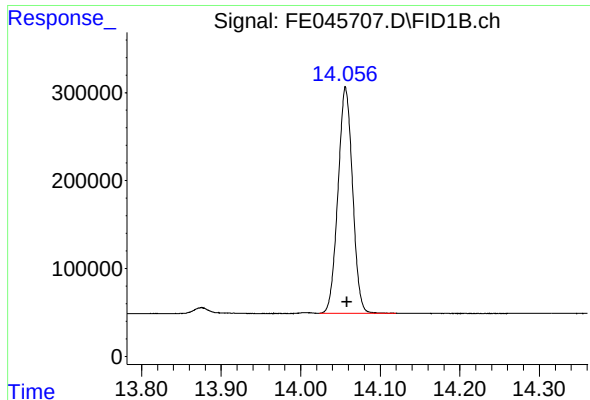
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.002 min
Response: 3331001
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

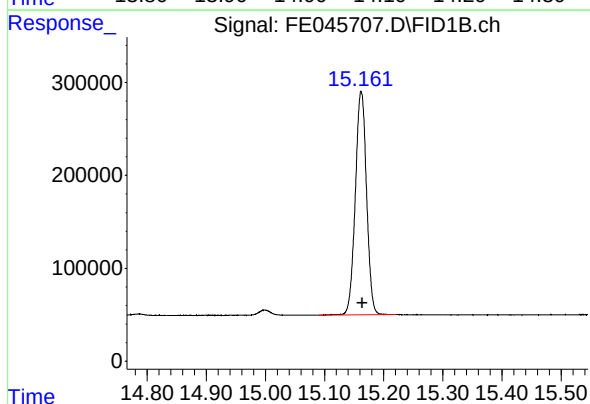
R.T.: 13.301 min
Delta R.T.: -0.001 min
Response: 3047848
Conc: 19.37 ug/ml



#13 n-Docosane (C22)

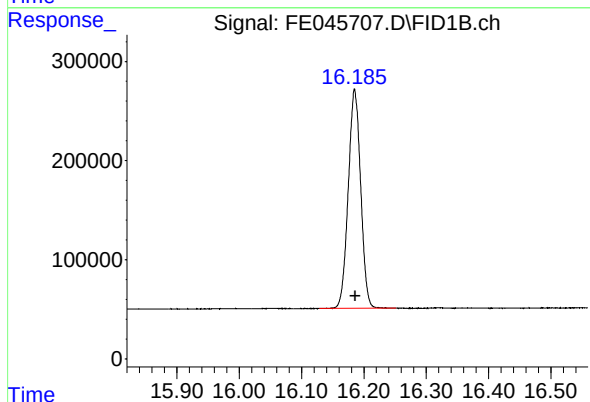
R.T.: 14.056 min
Delta R.T.: -0.002 min
Response: 3270084
Conc: 18.97 ug/ml

Instrument :
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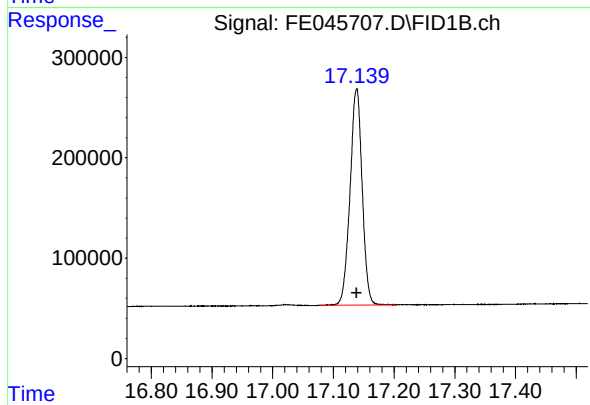
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.002 min
Response: 3173499
Conc: 18.18 ug/ml



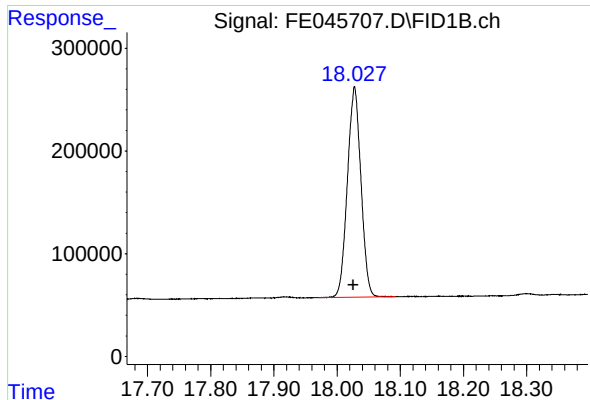
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.000 min
Response: 3061281
Conc: 17.58 ug/ml



#16 n-Octacosane (C28)

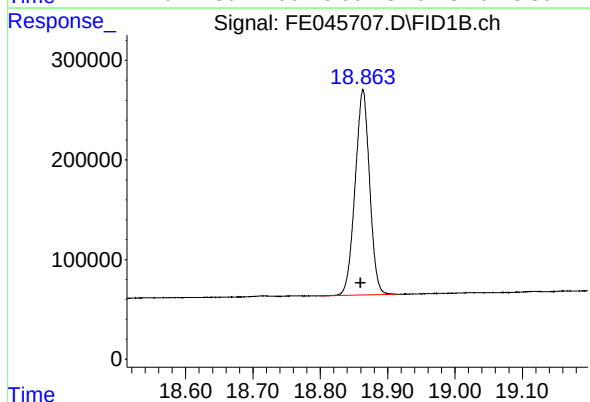
R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 3000594
Conc: 17.36 ug/ml



#17 n-Tricontane (C30)

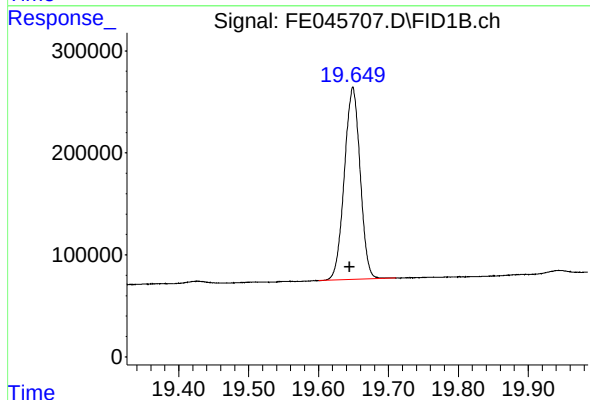
R.T.: 18.028 min
Delta R.T.: 0.002 min
Response: 3046736
Conc: 17.42 ug/ml

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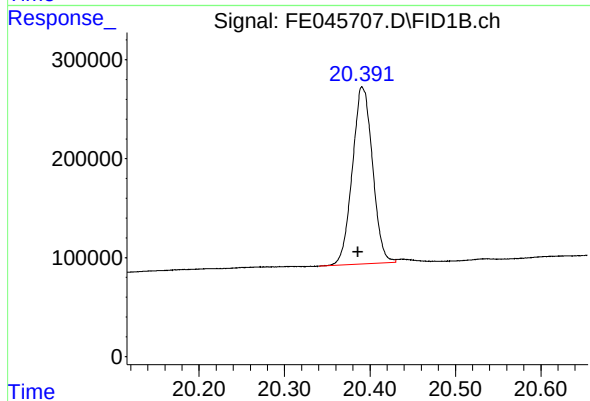
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.003 min
Response: 3076575
Conc: 16.86 ug/ml



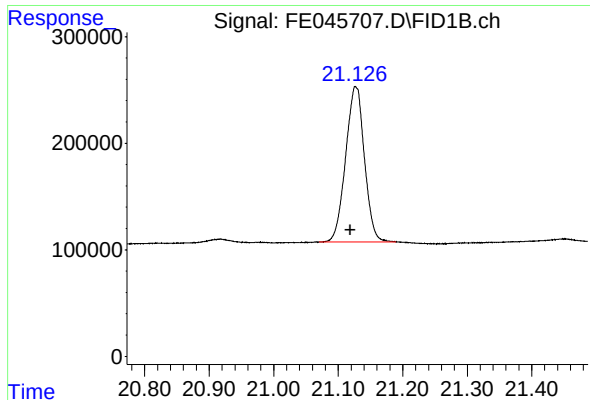
#19 n-Tetatriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.005 min
Response: 2960075
Conc: 17.84 ug/ml



#20 n-Hexatriacontane (C36)

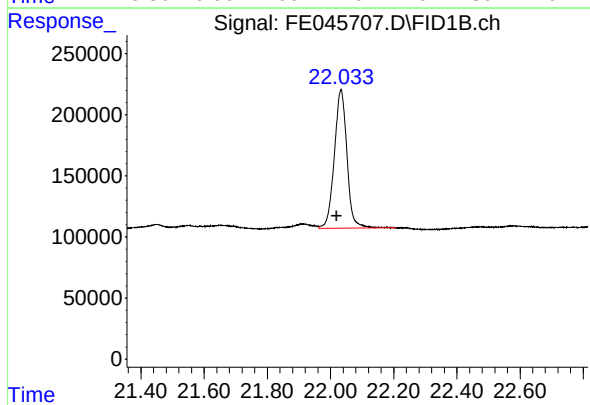
R.T.: 20.391 min
Delta R.T.: 0.005 min
Response: 2930347
Conc: 18.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: 0.008 min
Response: 2947063
Conc: 18.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: 0.014 min
Response: 3143695
Conc: 22.12 ug/ml