

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052524AL\
 Data File : FE048389.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2024 14:30
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 24 15:33:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 15:31:57 2024
 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)	11.959	7016938	50.465 ug/ml
Spiked Amount 50.000		Recovery =	100.93%
12) S 1-chlorooctadecane (S...	13.391	5405014	50.605 ug/ml
Spiked Amount 50.000		Recovery =	101.21%
Target Compounds			
1) T n-Nonane (C9)	3.343	7349983	50.657 ug/ml
2) T n-Decane (C10)	4.592	7421999	50.595 ug/ml
3) T A~Naphthalene (C11.7)	6.298	7413689	50.512 ug/ml
4) T n-Dodecane (C12)	6.758	7259699	50.466 ug/ml
5) T A~2-methylnaphthalene...	7.395	6982024	50.706 ug/ml
6) T n-Tetradecane (C14)	8.586	6915355	50.296 ug/ml
7) T n-Hexadecane (C16)	10.194	6899148	50.370 ug/ml
8) T n-Octadecane (C18)	11.638	6821528	50.491 ug/ml
10) T n-Eicosane (C20)	12.946	6485211	50.511 ug/ml
11) T n-Heneicosane (C21)	13.558	6356697	50.509 ug/ml
13) T n-Docosane (C22)	14.144	6330928	50.548 ug/ml
14) T n-Tetracosane (C24)	15.246	6360411	50.506 ug/ml
15) T n-Hexacosane (C26)	16.267	6362446	50.491 ug/ml
16) T n-Octacosane (C28)	17.215	6334762	50.437 ug/ml
17) T n-Tricontane (C30)	18.102	6538030	50.357 ug/ml
18) T n-Dotriacontane (C32)	18.933	6578569	50.233 ug/ml
19) T n-Tetratriacontane (C34)	19.716	6639652	50.215 ug/ml
20) T n-Hexatriacontane (C36)	20.457	6666251	50.429 ug/ml
21) T n-Octatriacontane (C38)	21.195	6660211	50.173 ug/ml
22) T n-Tetracontane (C40)	22.116	6618974	50.192 ug/ml

(f)=RT Delta > 1/2 Window

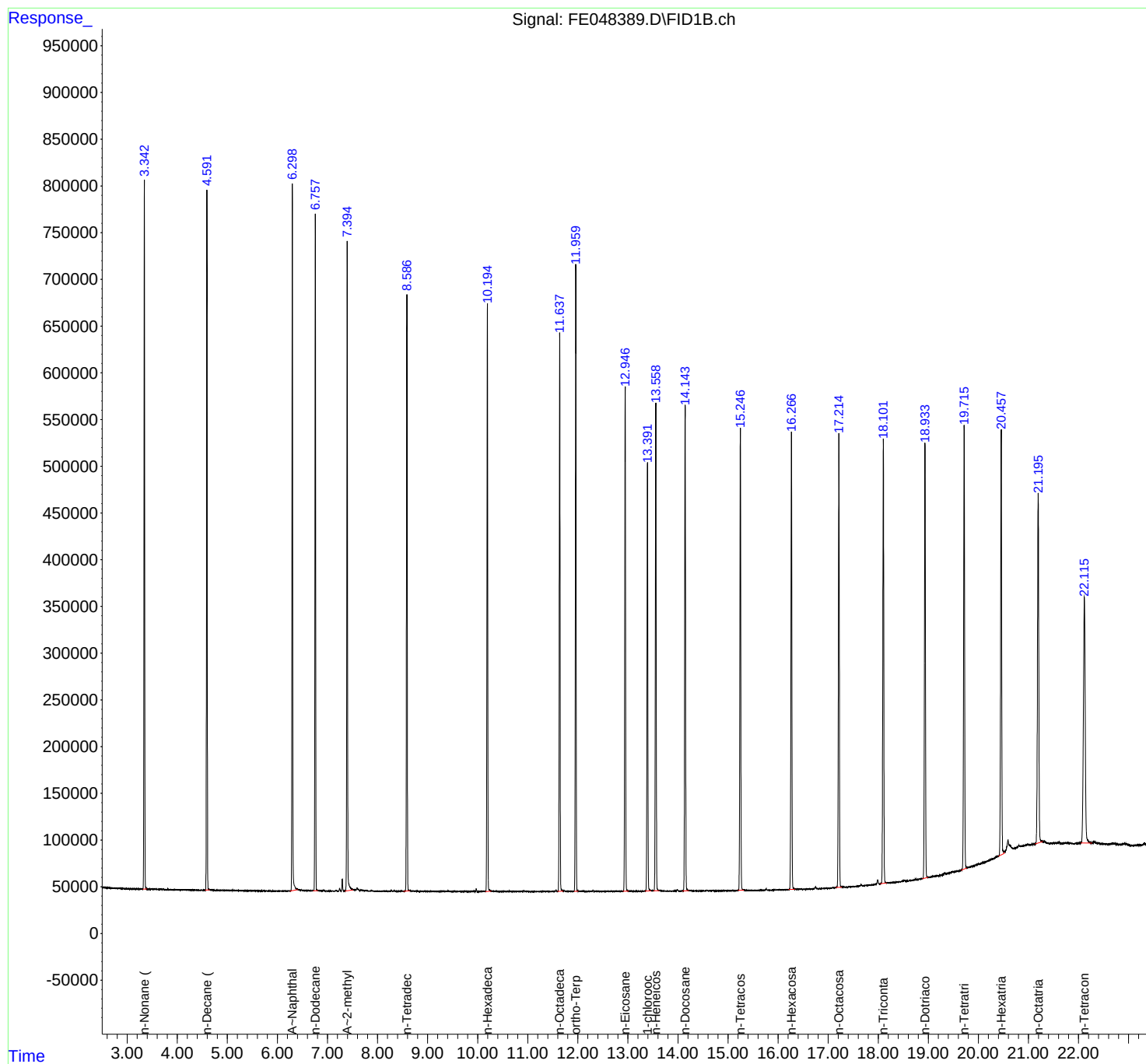
(m)=manual int.

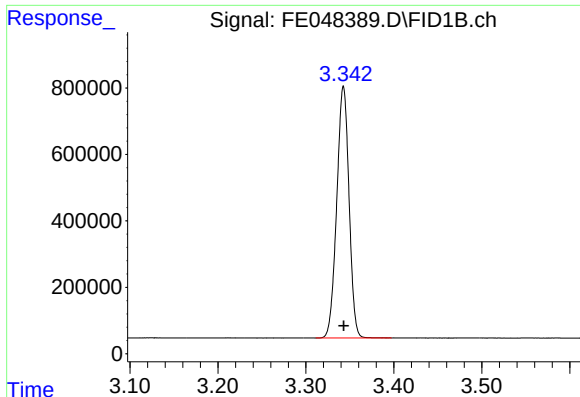
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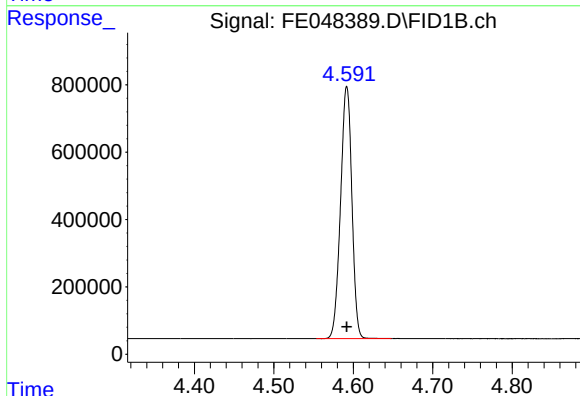




#1 n-Nonane (C9)

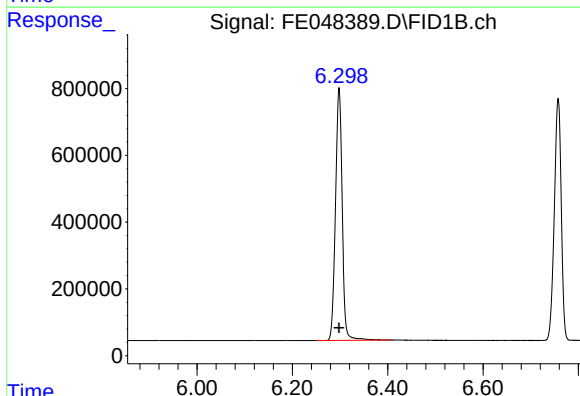
R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 7349983
Conc: 50.66 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



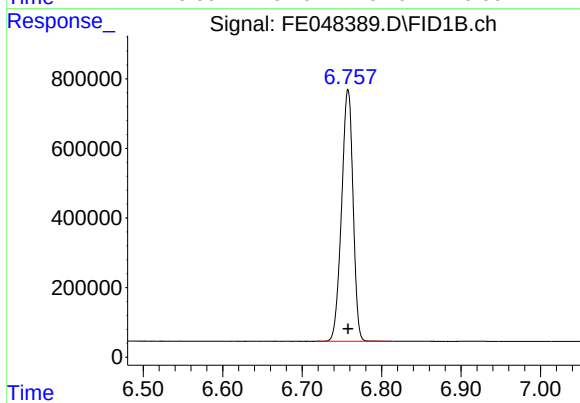
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 7421999
Conc: 50.60 ug/ml



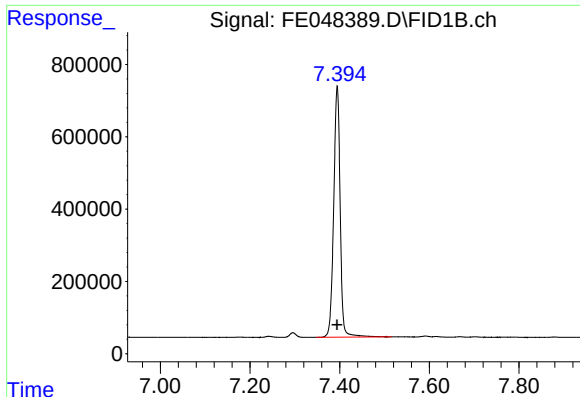
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 7413689
Conc: 50.51 ug/ml



#4 n-Dodecane (C12)

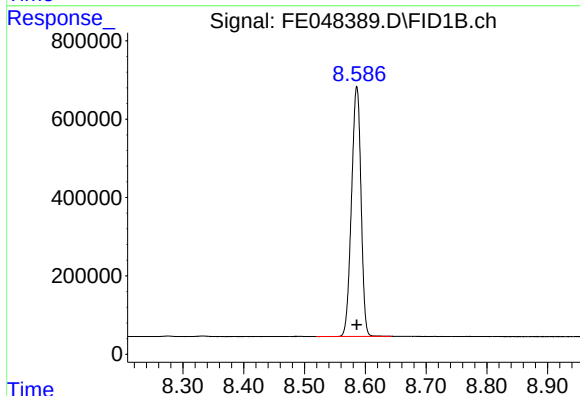
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 7259699
Conc: 50.47 ug/ml



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

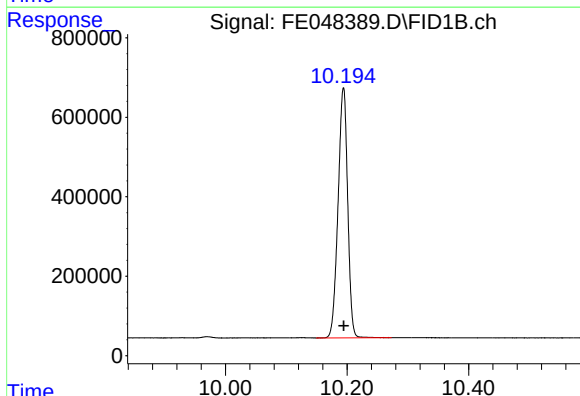
R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 6982024
Conc: 50.71 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



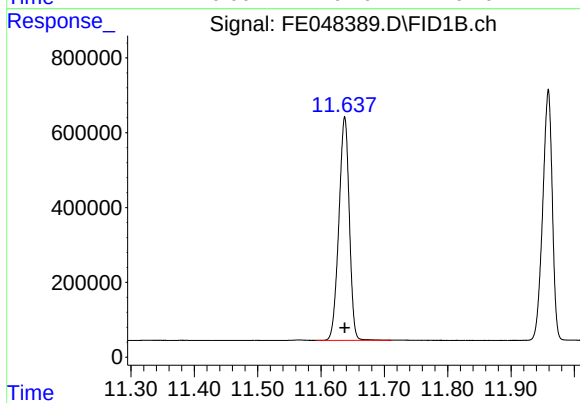
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 6915355
Conc: 50.30 ug/ml



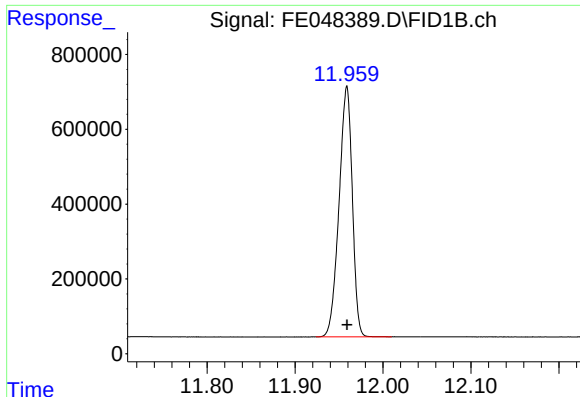
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: 0.000 min
Response: 6899148
Conc: 50.37 ug/ml



#8 n-Octadecane (C18)

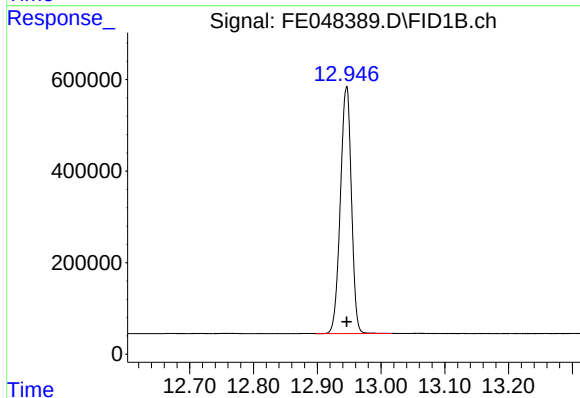
R.T.: 11.638 min
Delta R.T.: 0.000 min
Response: 6821528
Conc: 50.49 ug/ml



#9 ortho-Terphenyl (SURR)

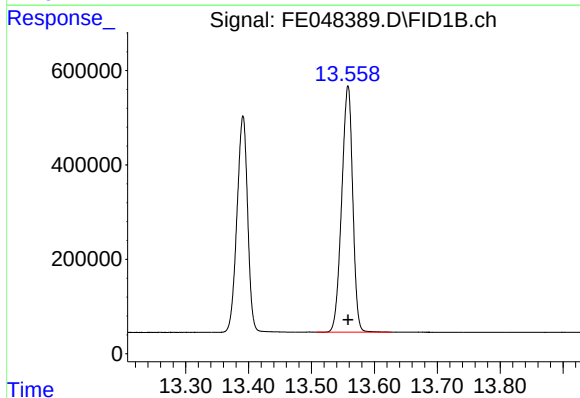
R.T.: 11.959 min
Delta R.T.: 0.000 min
Response: 7016938
Conc: 50.46 ug/ml

Instrument :
FID_E
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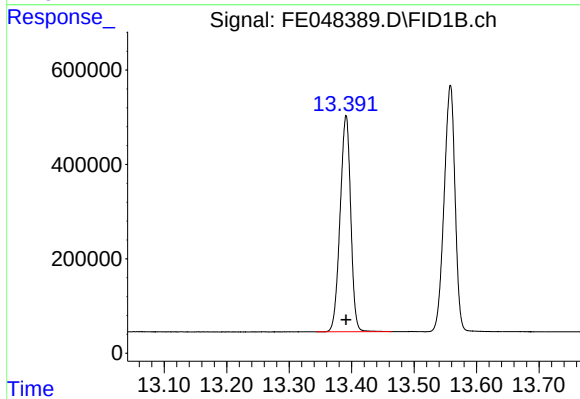
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: 0.000 min
Response: 6485211
Conc: 50.51 ug/ml



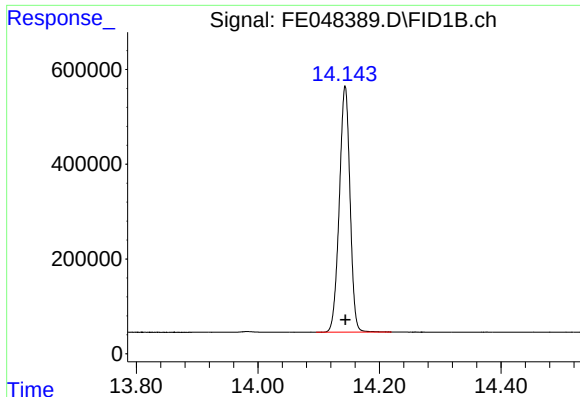
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: 0.000 min
Response: 6356697
Conc: 50.51 ug/ml



#12 1-chlorooctadecane (SURR)

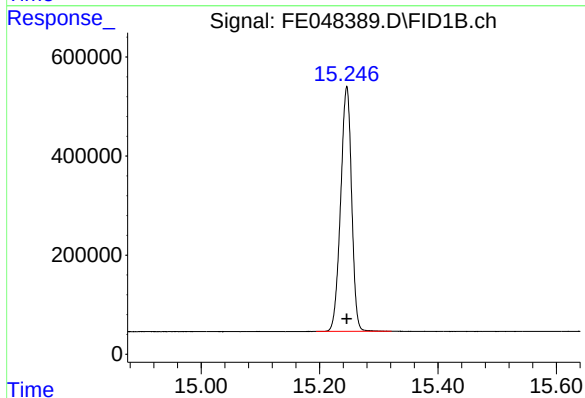
R.T.: 13.391 min
Delta R.T.: 0.000 min
Response: 5405014
Conc: 50.60 ug/ml



#13 n-Docosane (C22)

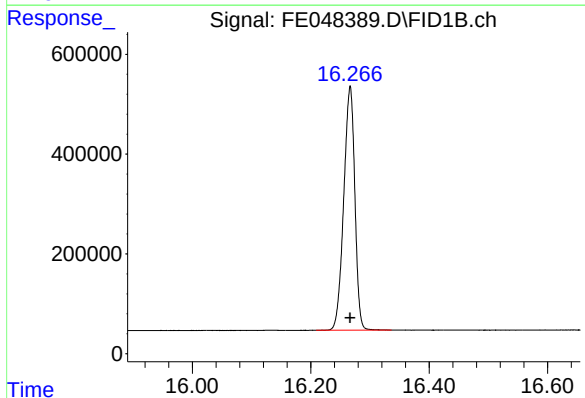
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 6330928
Conc: 50.55 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



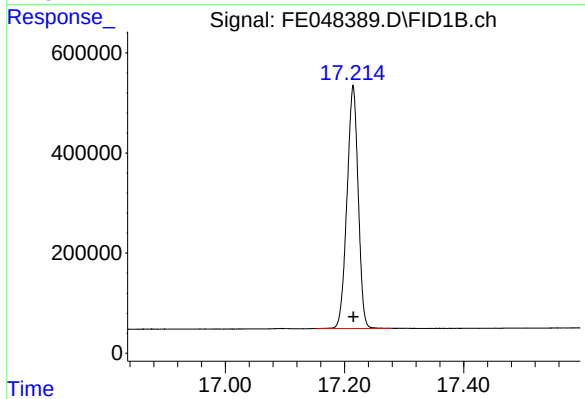
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.000 min
Response: 6360411
Conc: 50.51 ug/ml



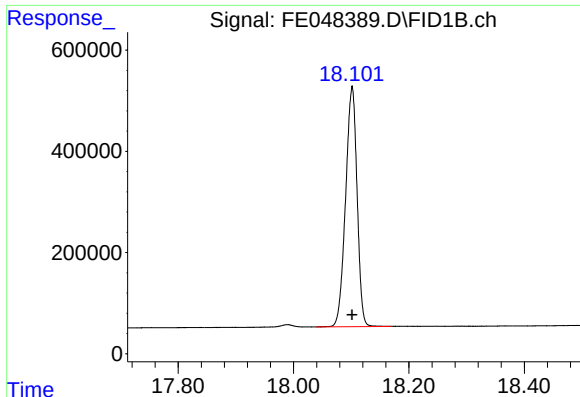
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.000 min
Response: 6362446
Conc: 50.49 ug/ml



#16 n-Octacosane (C28)

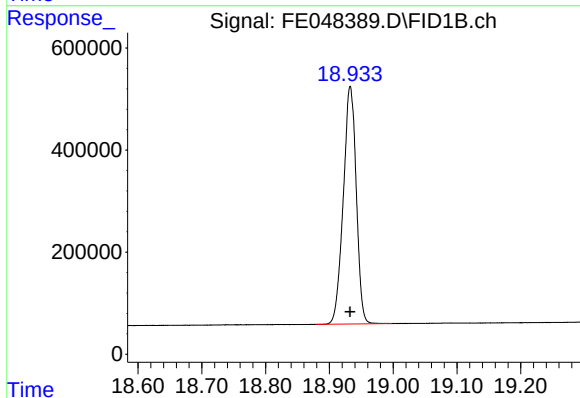
R.T.: 17.215 min
Delta R.T.: 0.000 min
Response: 6334762
Conc: 50.44 ug/ml



#17 n-Tricontane (C30)

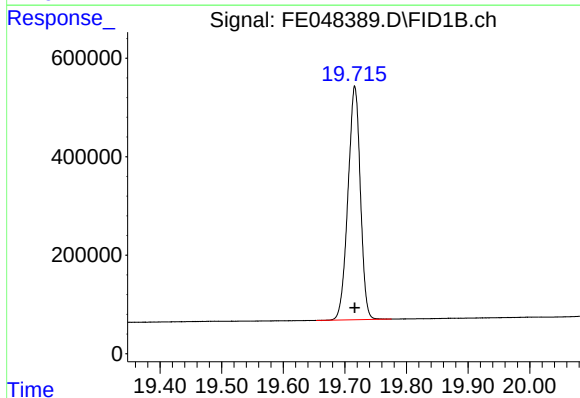
R.T.: 18.102 min
Delta R.T.: 0.000 min
Response: 6538030
Conc: 50.36 ug/ml

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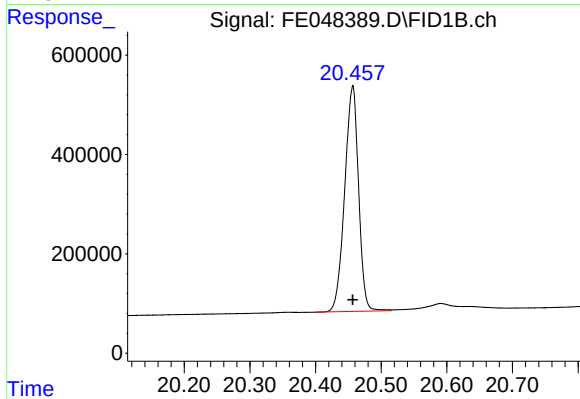
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 6578569
Conc: 50.23 ug/ml



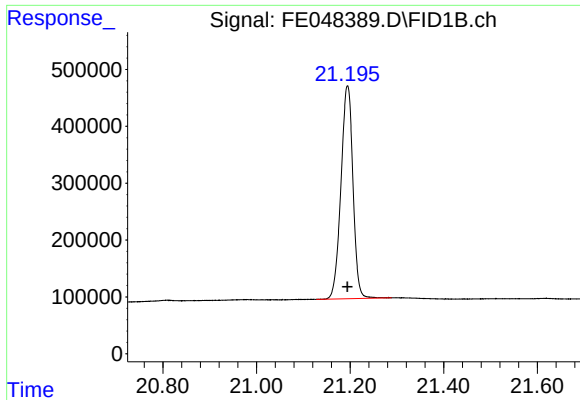
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.000 min
Response: 6639652
Conc: 50.22 ug/ml



#20 n-Hexatriacontane (C36)

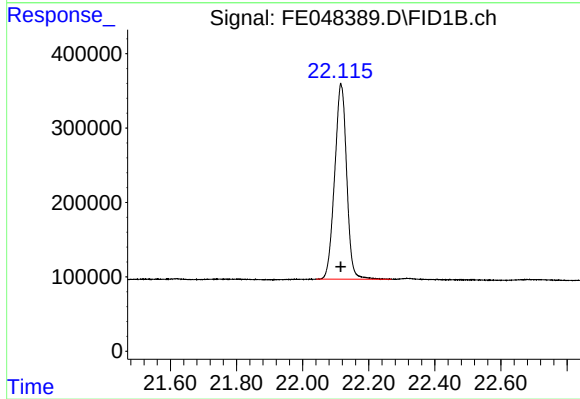
R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 6666251
Conc: 50.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.000 min
Response: 6660211
Conc: 50.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.000 min
Response: 6618974
Conc: 50.19 ug/ml