

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111424AL\
 Data File : FF015040.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 16:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 16:36:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:20:39 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)	11.926	2829527	20.221 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	13.361	2152548	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.322	2525648	20.218 ug/ml
2) T n-Decane (C10)	4.572	2606455	20.393 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2831039	20.314 ug/ml
4) T n-Dodecane (C12)	6.733	2638951	20.382 ug/ml
5) T A~2-methylnaphthalene...	7.365	2726628	20.281 ug/ml
6) T n-Tetradecane (C14)	8.557	2628505	20.365 ug/ml
7) T n-Hexadecane (C16)	10.164	2707471	20.349 ug/ml
8) T n-Octadecane (C18)	11.607	2711177	20.335 ug/ml
10) T n-Eicosane (C20)	12.917	2571748	20.372 ug/ml
11) T n-Heneicosane (C21)	13.528	2498492	20.310 ug/ml
13) T n-Docosane (C22)	14.114	2482612	20.407 ug/ml
14) T n-Tetracosane (C24)	15.218	2472694	20.837 ug/ml
15) T n-Hexacosane (C26)	16.239	2409153	20.857 ug/ml
16) T n-Octacosane (C28)	17.189	2422622	21.194 ug/ml
17) T n-Tricontane (C30)	18.077	2564276	21.587 ug/ml
18) T n-Dotriacontane (C32)	18.911	2538306	21.652 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2215490	21.681 ug/ml
20) T n-Hexatriacontane (C36)	20.436	1886896	21.286 ug/ml
21) T n-Octatriacontane (C38)	21.173	1783146	20.797 ug/ml
22) T n-Tetracontane (C40)	22.084	1805444	20.454 ug/ml

(f)=RT Delta > 1/2 Window

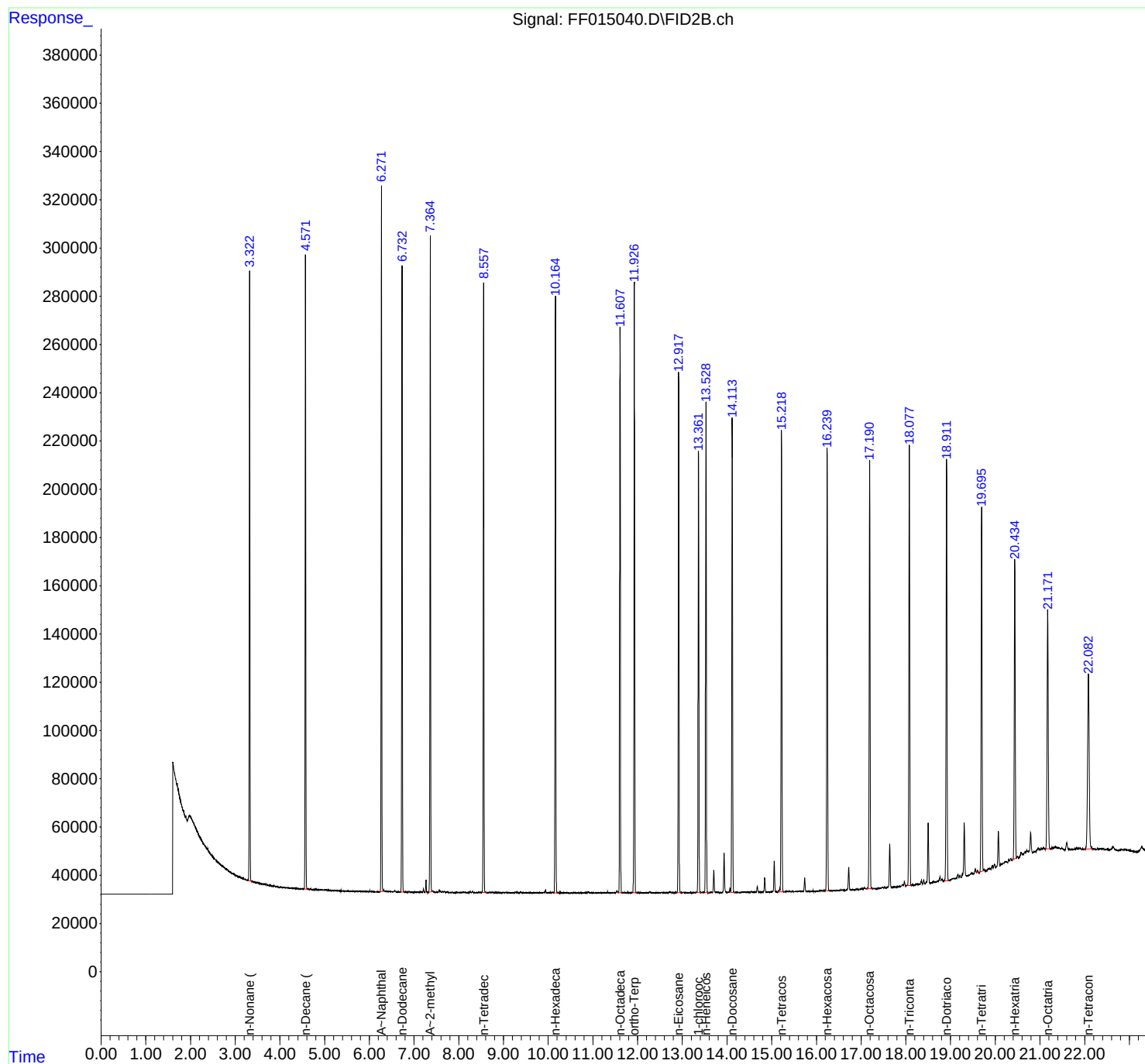
(m)=manual int.

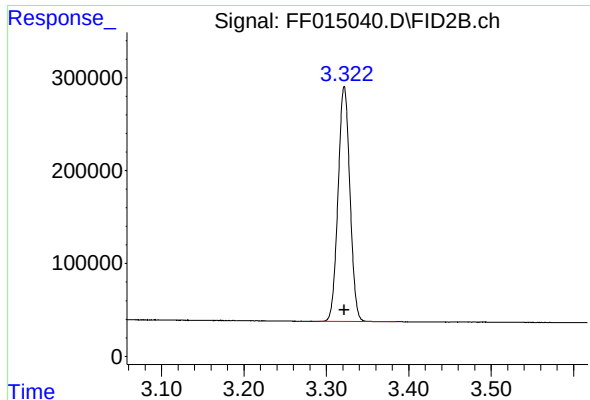
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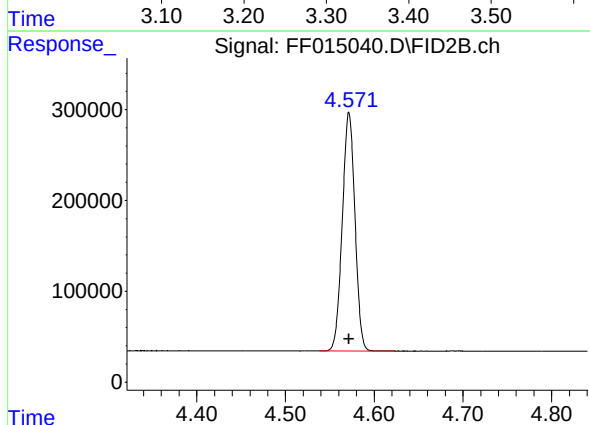




#1 n-Nonane (C9)

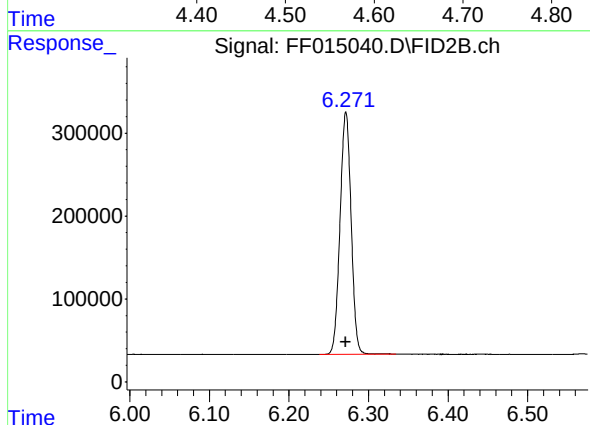
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 2525648
Conc: 20.22 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



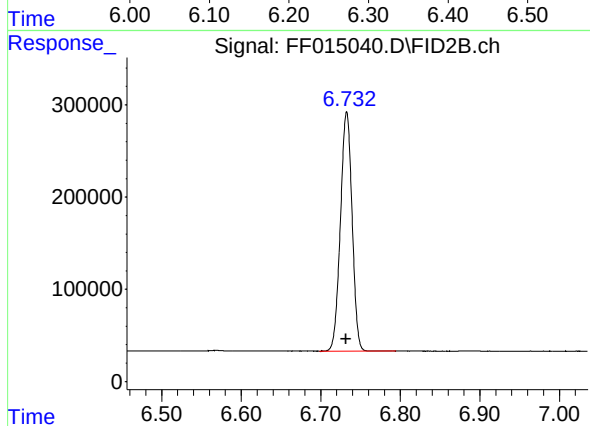
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2606455
Conc: 20.39 ug/ml



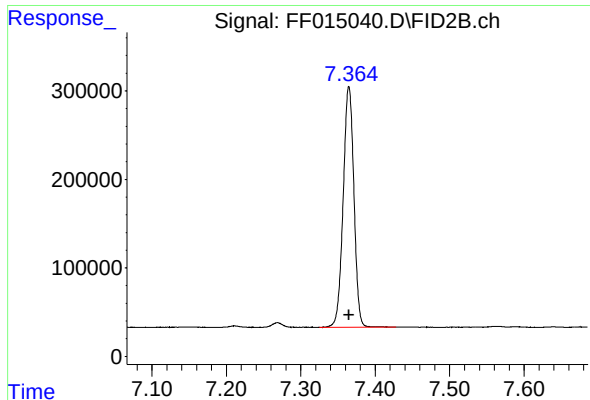
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2831039
Conc: 20.31 ug/ml



#4 n-Dodecane (C12)

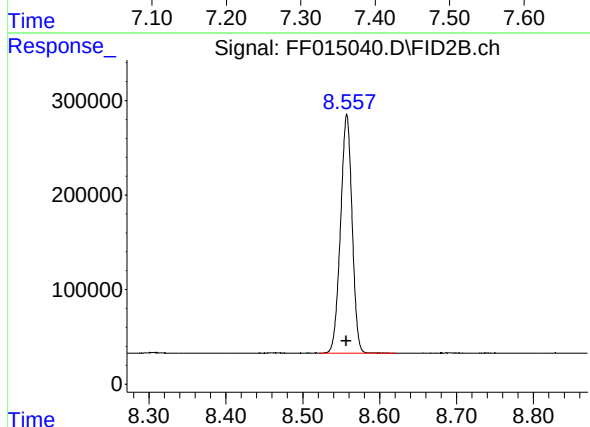
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2638951
Conc: 20.38 ug/ml



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

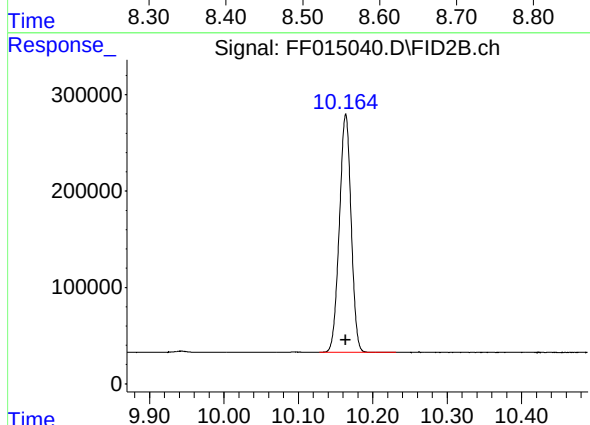
R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2726628
Conc: 20.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



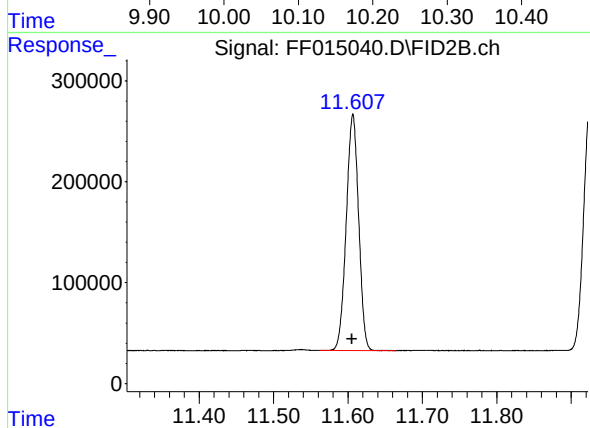
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 2628505
Conc: 20.36 ug/ml



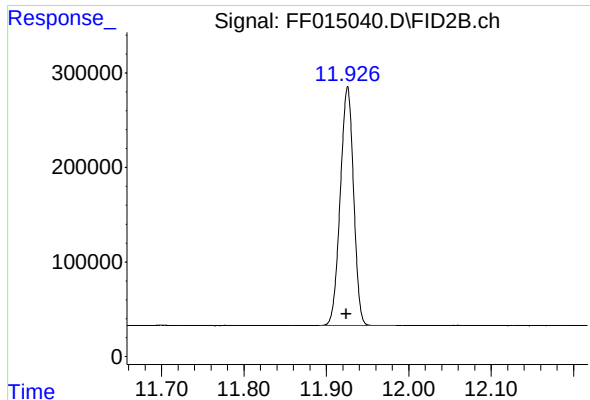
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 2707471
Conc: 20.35 ug/ml



#8 n-Octadecane (C18)

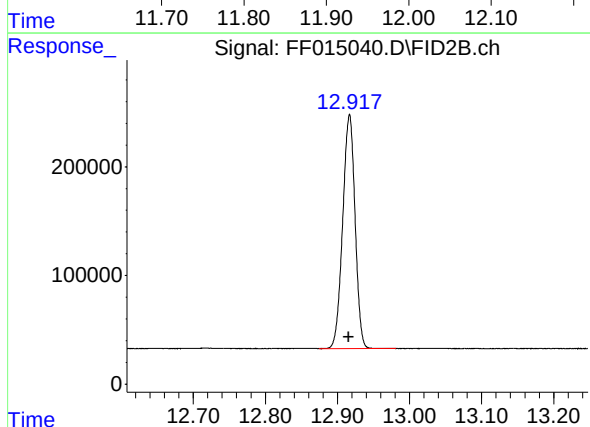
R.T.: 11.607 min
Delta R.T.: 0.001 min
Response: 2711177
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

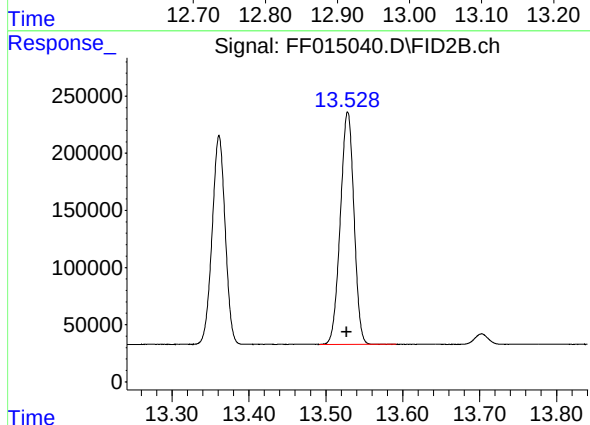
R.T.: 11.926 min
Delta R.T.: 0.002 min
Response: 2829527
Conc: 20.22 ug/ml

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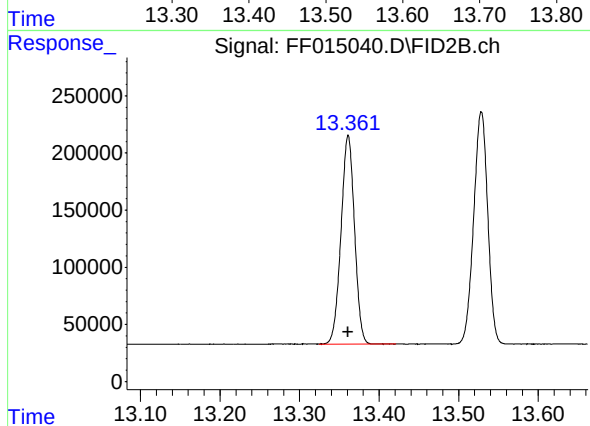
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.001 min
Response: 2571748
Conc: 20.37 ug/ml



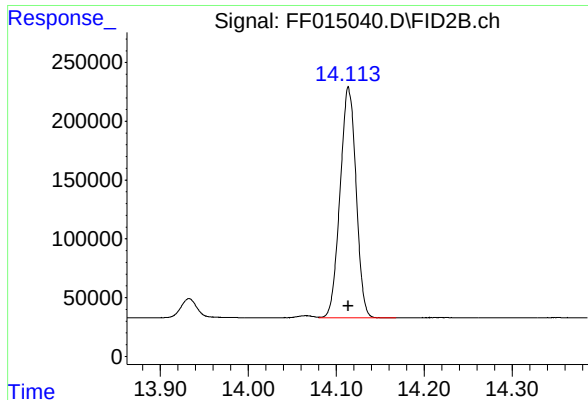
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.002 min
Response: 2498492
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

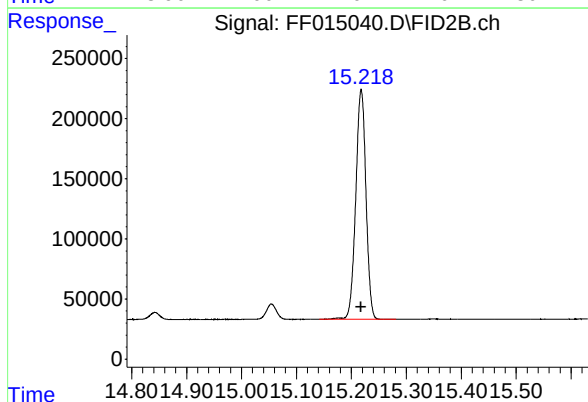
R.T.: 13.361 min
Delta R.T.: 0.000 min
Response: 2152548
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

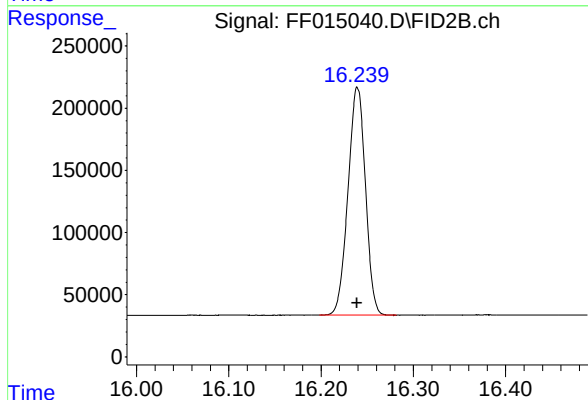
R.T.: 14.114 min
Delta R.T.: 0.000 min
Response: 2482612
Conc: 20.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



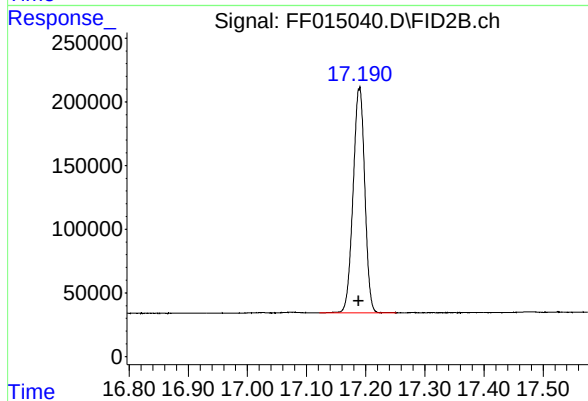
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 2472694
Conc: 20.84 ug/ml



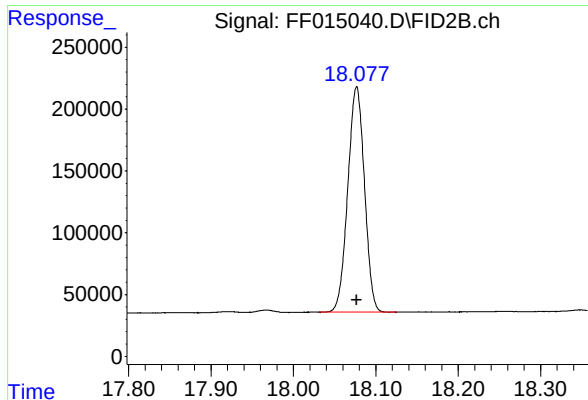
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 2409153
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

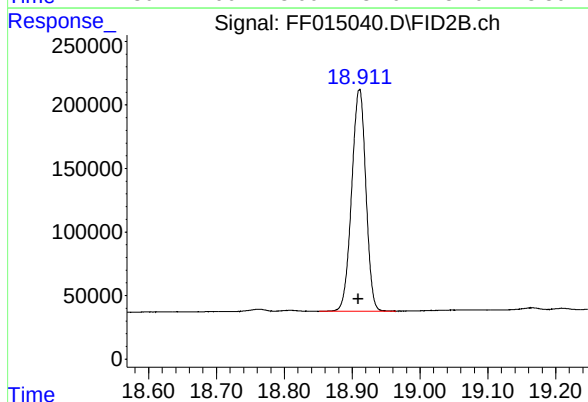
R.T.: 17.189 min
Delta R.T.: 0.001 min
Response: 2422622
Conc: 21.19 ug/ml



#17 n-Tricontane (C30)

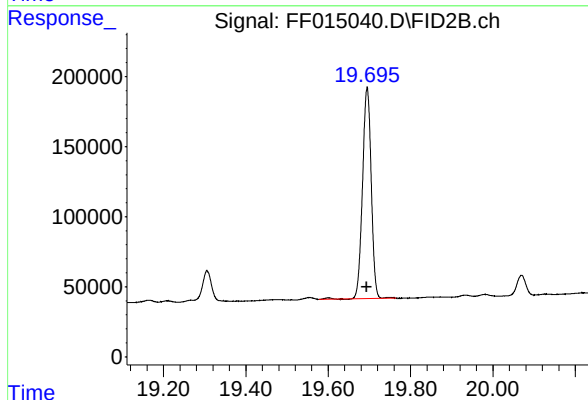
R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2564276
Conc: 21.59 ug/ml

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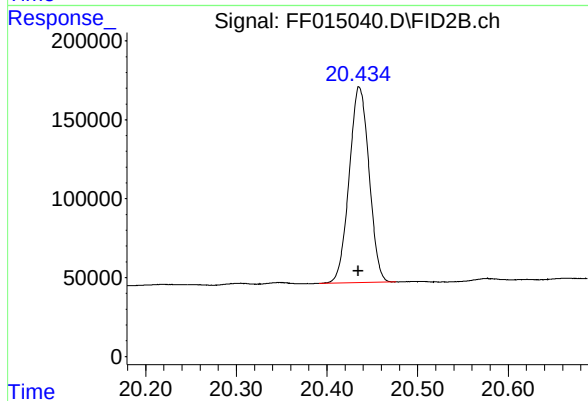
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.001 min
Response: 2538306
Conc: 21.65 ug/ml



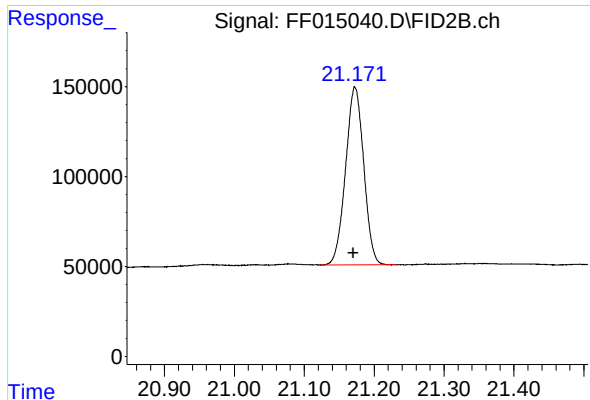
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 2215490
Conc: 21.68 ug/ml



#20 n-Hexatriacontane (C36)

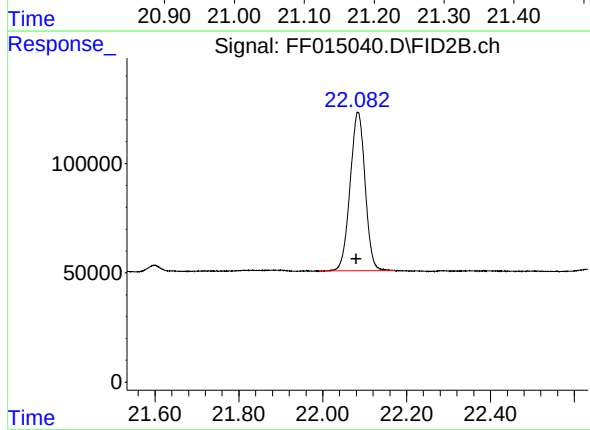
R.T.: 20.436 min
Delta R.T.: 0.001 min
Response: 1886896
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.002 min
Response: 1783146
Conc: 20.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: 0.004 min
Response: 1805444
Conc: 20.45 ug/ml