

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040224AL\
 Data File : FE047426.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2024 04:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 02 05:36:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.982	3509572	20.234 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	13.414	2720023	20.224 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.363	3197670	20.439 ug/ml
2) T n-Decane (C10)	4.616	3276098	20.384 ug/ml
3) T A~Naphthalene (C11.7)	6.323	3455059	20.377 ug/ml
4) T n-Dodecane (C12)	6.781	3295365	20.303 ug/ml
5) T A~2-methylnaphthalene...	7.419	3337668	20.324 ug/ml
6) T n-Tetradecane (C14)	8.610	3260624	20.268 ug/ml
7) T n-Hexadecane (C16)	10.217	3361354	20.240 ug/ml
8) T n-Octadecane (C18)	11.661	3389446	20.212 ug/ml
10) T n-Eicosane (C20)	12.970	3264604	20.151 ug/ml
11) T n-Heneicosane (C21)	13.580	3206150	20.206 ug/ml
13) T n-Docosane (C22)	14.167	3209088	19.997 ug/ml
14) T n-Tetracosane (C24)	15.267	3240507	19.632 ug/ml
15) T n-Hexacosane (C26)	16.288	3213036	19.438 ug/ml
16) T n-Octacosane (C28)	17.235	3206373	19.349 ug/ml
17) T n-Tricontane (C30)	18.121	3281433	19.328 ug/ml
18) T n-Dotriacontane (C32)	18.952	3249401	19.487 ug/ml
19) T n-Tetratriacontane (C34)	19.734	3156743	19.682 ug/ml
20) T n-Hexatriacontane (C36)	20.473	3136561	19.665 ug/ml
21) T n-Octatriacontane (C38)	21.214	3209001	19.745 ug/ml
22) T n-Tetracontane (C40)	22.141	3260594	19.915 ug/ml

(f)=RT Delta > 1/2 Window

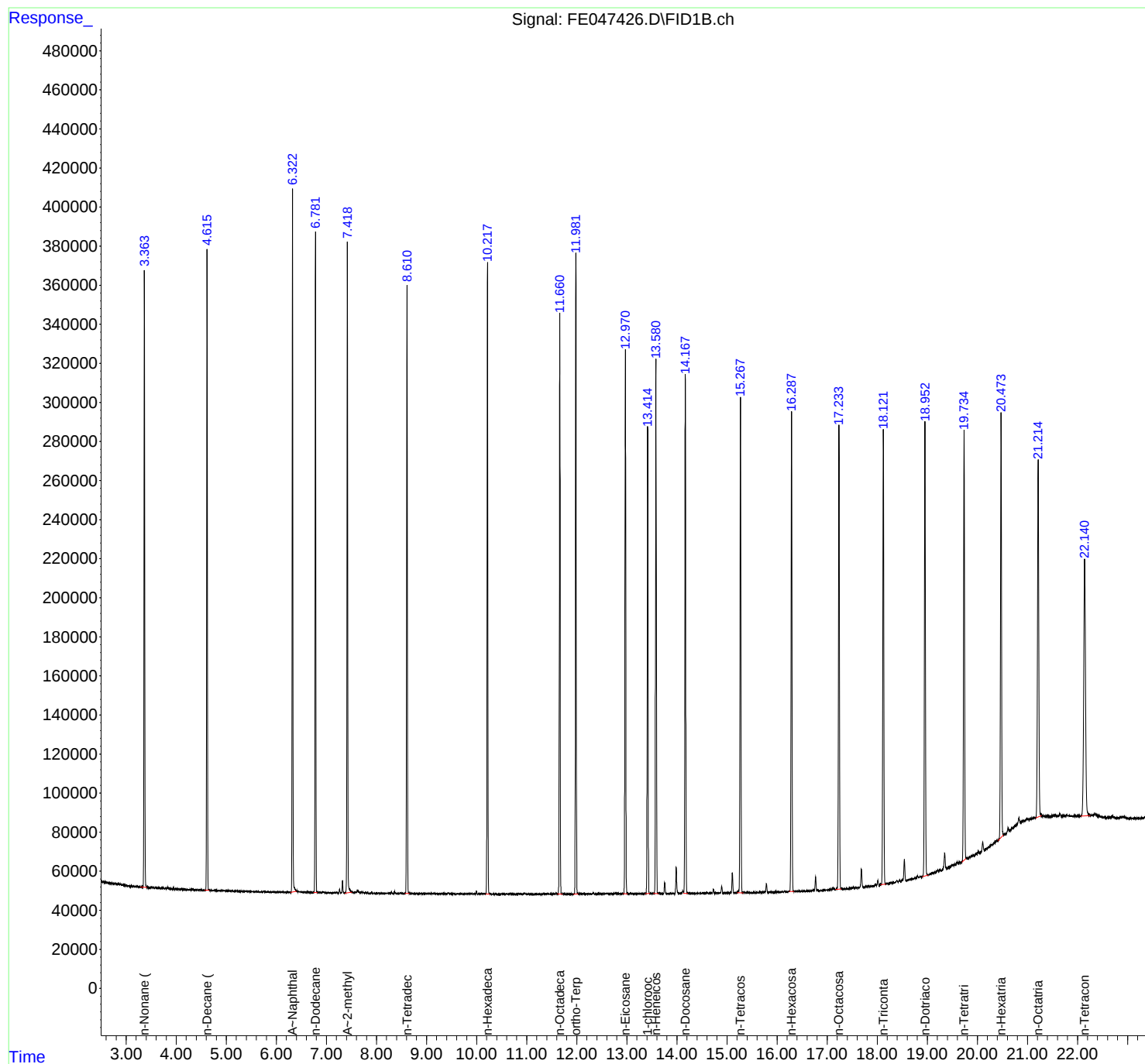
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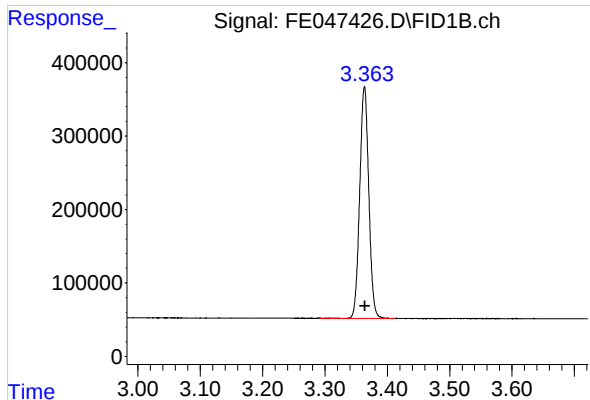
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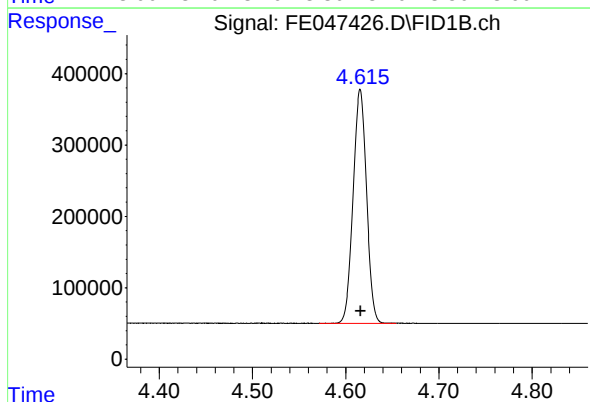




#1 n-Nonane (C9)

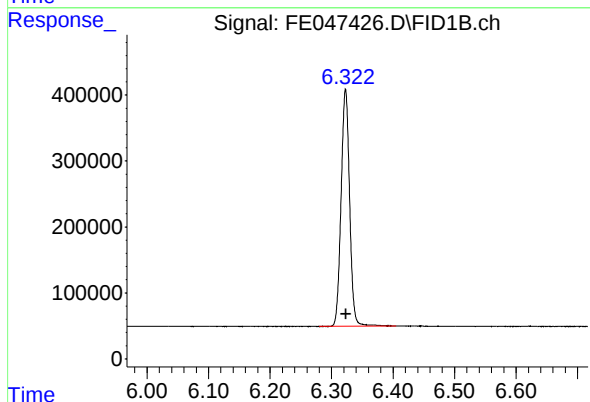
R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 3197670
Conc: 20.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



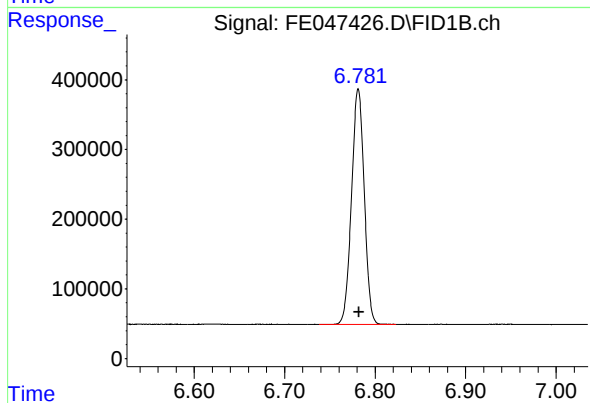
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 3276098
Conc: 20.38 ug/ml



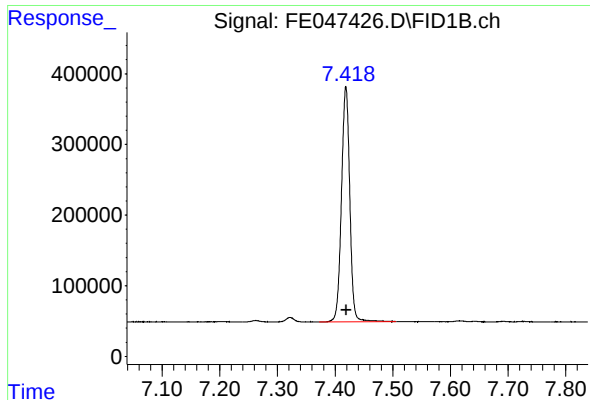
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 3455059
Conc: 20.38 ug/ml



#4 n-Dodecane (C12)

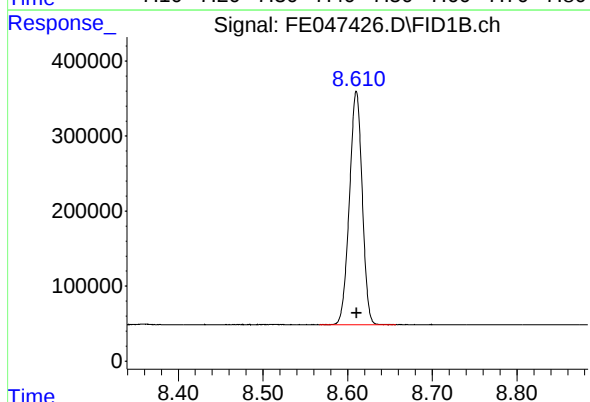
R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 3295365
Conc: 20.30 ug/ml



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

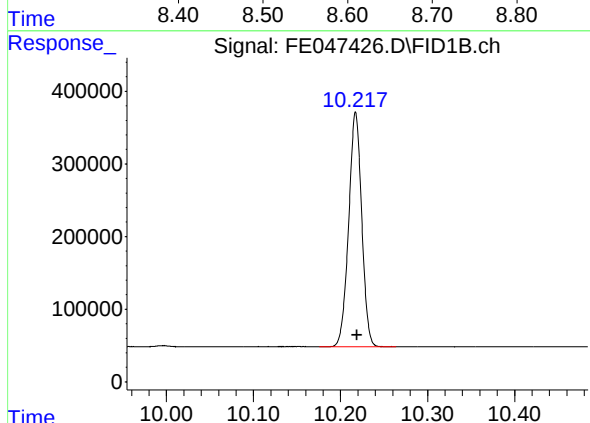
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 3337668
Conc: 20.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



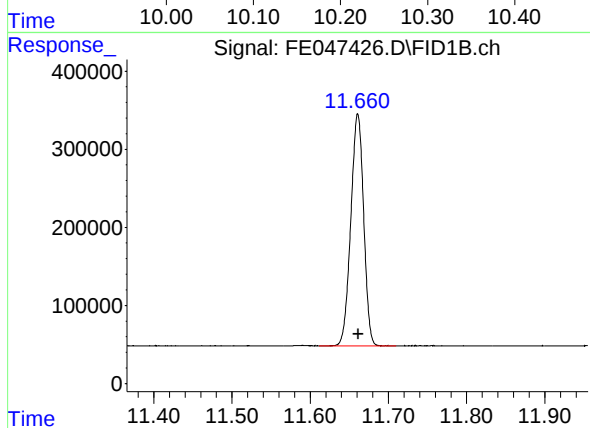
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 3260624
Conc: 20.27 ug/ml



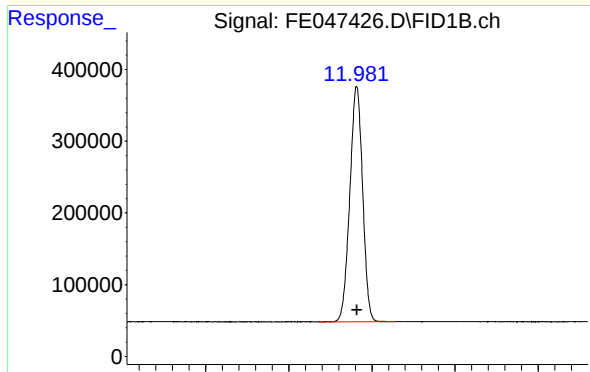
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.001 min
Response: 3361354
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

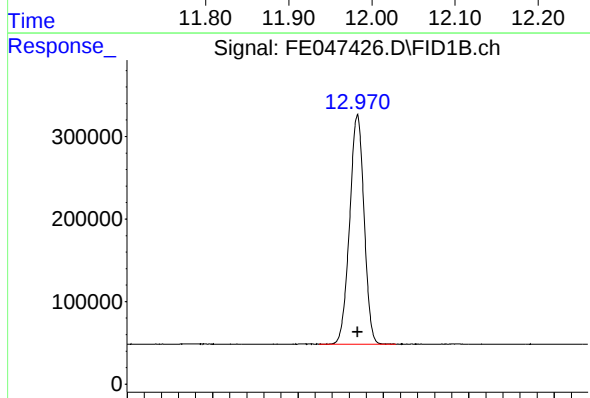
R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 3389446
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

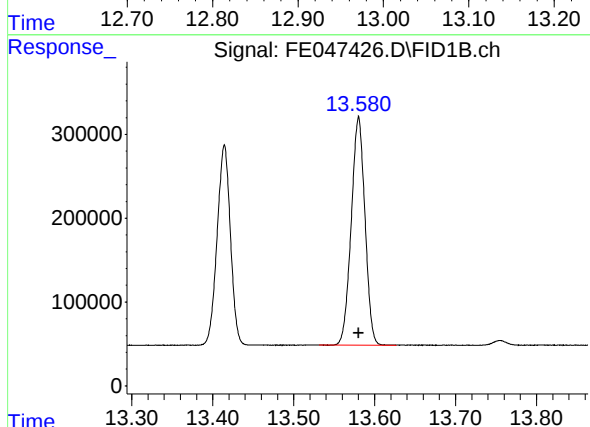
R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 3509572
Conc: 20.23 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



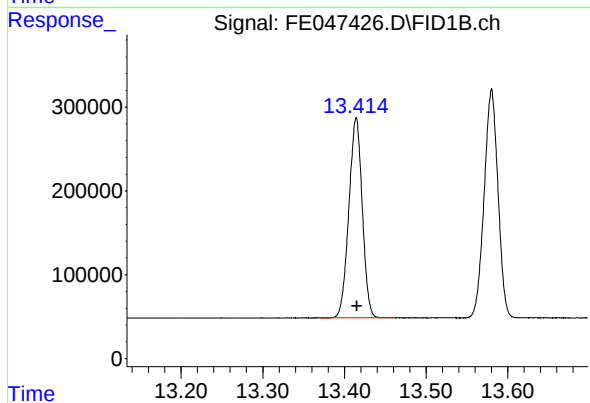
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 3264604
Conc: 20.15 ug/ml



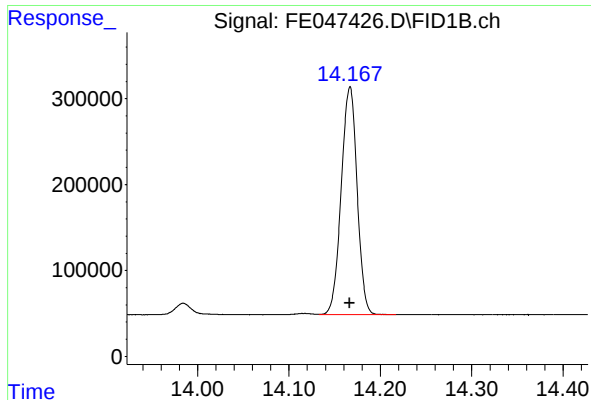
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 3206150
Conc: 20.21 ug/ml



#12 1-chlorooctadecane (SURR)

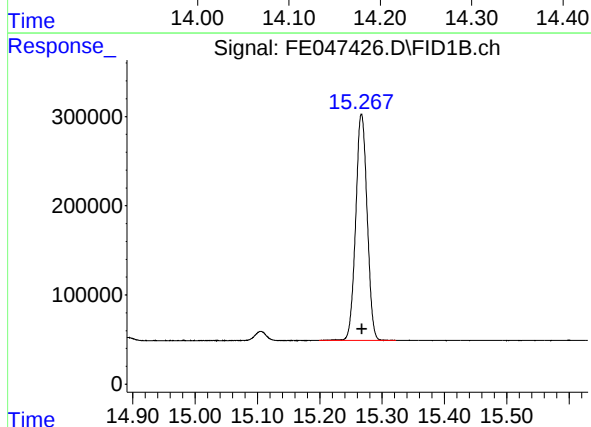
R.T.: 13.414 min
Delta R.T.: 0.000 min
Response: 2720023
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

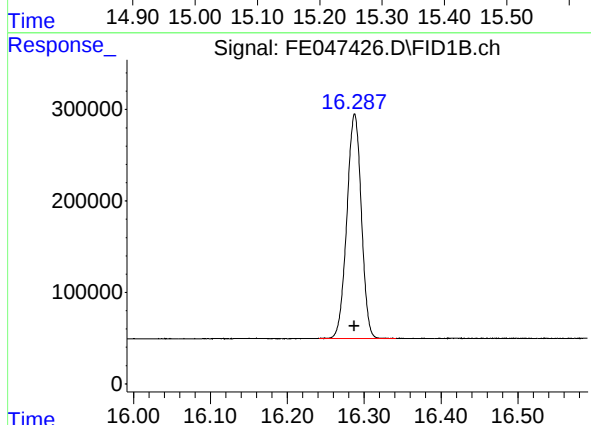
R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 3209088
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



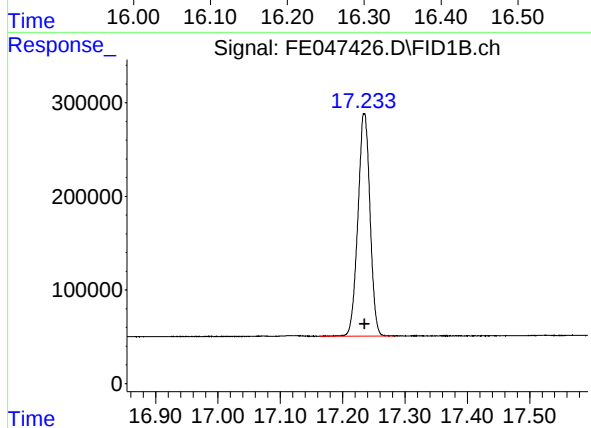
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 3240507
Conc: 19.63 ug/ml



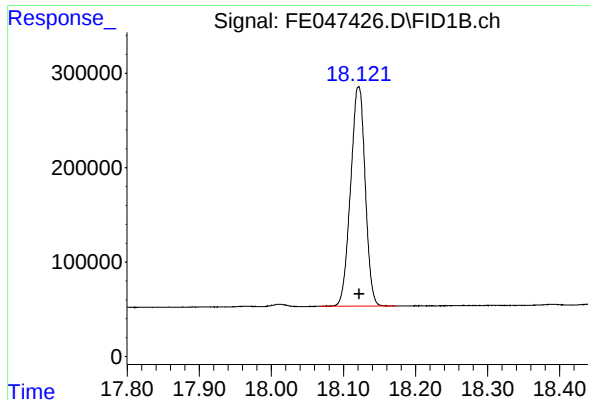
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 3213036
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

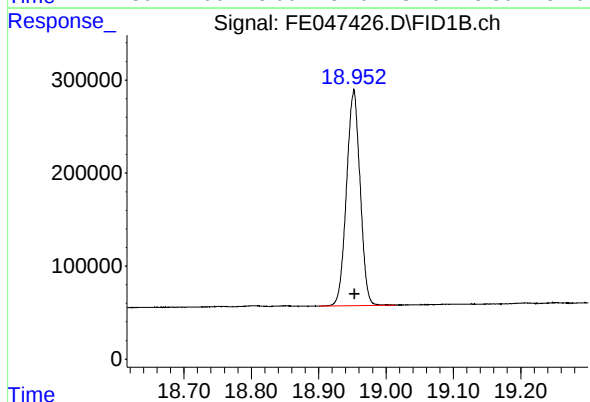
R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 3206373
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

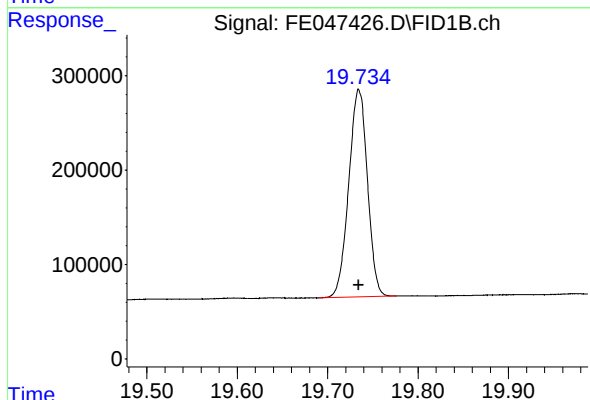
R.T.: 18.121 min
Delta R.T.: -0.001 min
Response: 3281433
Conc: 19.33 ug/ml

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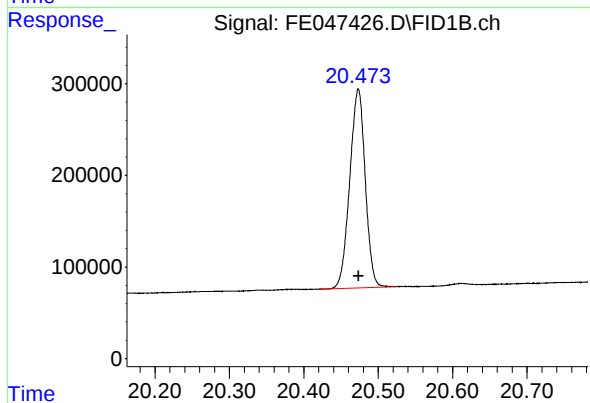
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.001 min
Response: 3249401
Conc: 19.49 ug/ml



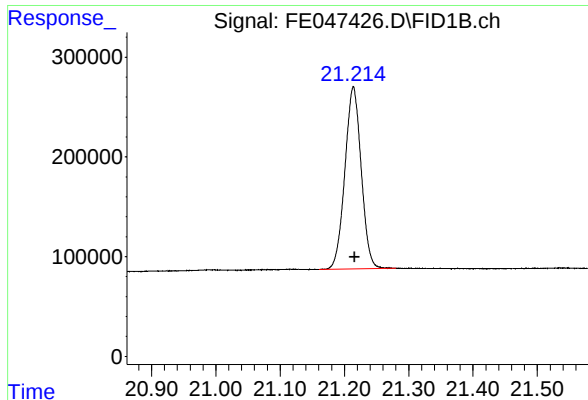
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.000 min
Response: 3156743
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

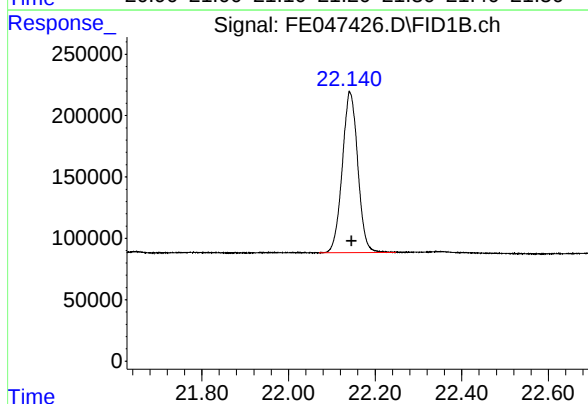
R.T.: 20.473 min
Delta R.T.: 0.000 min
Response: 3136561
Conc: 19.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.002 min
Response: 3209001
Conc: 19.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.005 min
Response: 3260594
Conc: 19.92 ug/ml