

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101123AL\
 Data File : FD046731.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2023 01:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 11 04:21:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 04:20:27 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)	11.380	4217472	20.026 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.814	3146110	20.003 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.214	3207630	19.936 ug/ml
2) T n-Decane (C10)	4.267	3246785	19.983 ug/ml
3) T A~Naphthalene (C11.7)	5.826	3597623	19.985 ug/ml
4) T n-Dodecane (C12)	6.268	3286702	19.975 ug/ml
5) T A~2-methylnaphthalene...	6.875	3554710	20.101 ug/ml
6) T n-Tetradecane (C14)	8.052	3277051	19.995 ug/ml
7) T n-Hexadecane (C16)	9.644	3374144	20.008 ug/ml
8) T n-Octadecane (C18)	11.076	3469364	19.972 ug/ml
10) T n-Eicosane (C20)	12.376	3464054	20.022 ug/ml
11) T n-Heneicosane (C21)	12.984	3464720	20.017 ug/ml
13) T n-Docosane (C22)	13.566	3458475	20.017 ug/ml
14) T n-Tetracosane (C24)	14.660	3468122	20.006 ug/ml
15) T n-Hexacosane (C26)	15.674	3362701	20.074 ug/ml
16) T n-Octacosane (C28)	16.616	3215898	20.008 ug/ml
17) T n-Tricontane (C30)	17.497	3141018	19.969 ug/ml
18) T n-Dotriacontane (C32)	18.322	3017935	19.984 ug/ml
19) T n-Tetratriacontane (C34)	19.098	2834314	19.982 ug/ml
20) T n-Hexatriacontane (C36)	19.833	2711927	19.910 ug/ml
21) T n-Octatriacontane (C38)	20.532	2601191	19.991 ug/ml
22) T n-Tetracontane (C40)	21.342	2478397	19.841 ug/ml

(f)=RT Delta > 1/2 Window

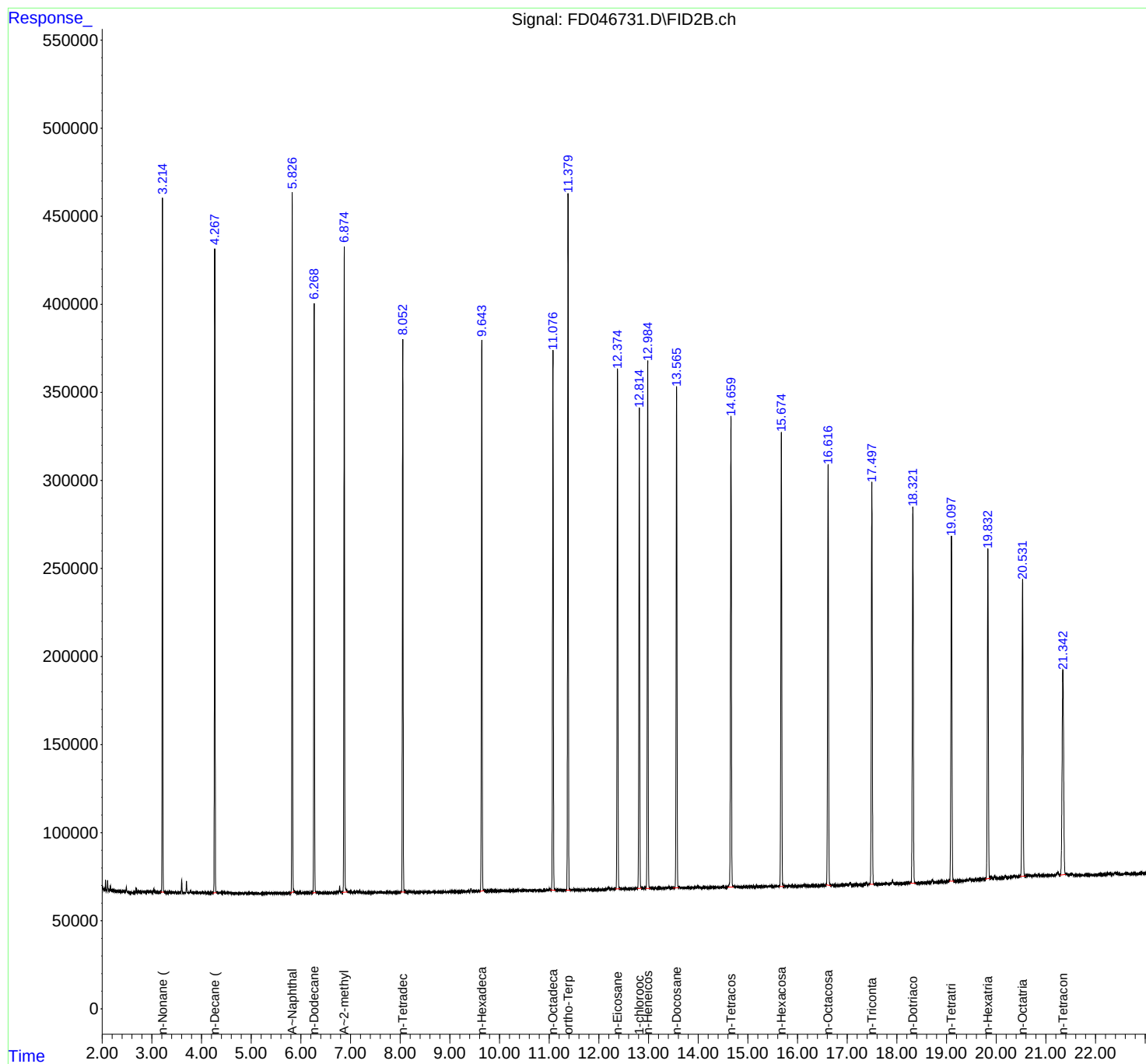
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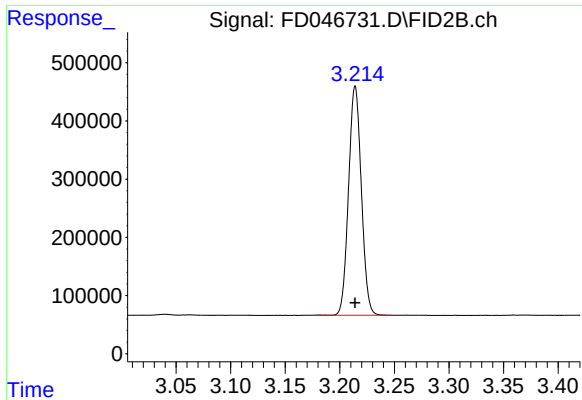
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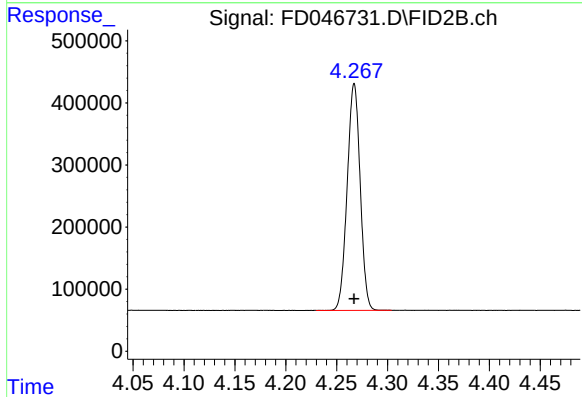




#1 n-Nonane (C9)

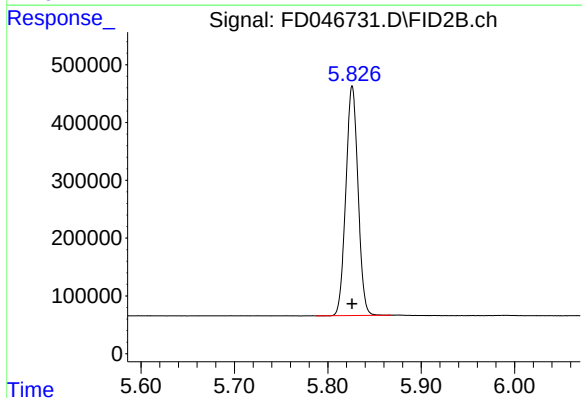
R.T.: 3.214 min
Delta R.T.: 0.000 min
Response: 3207630
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



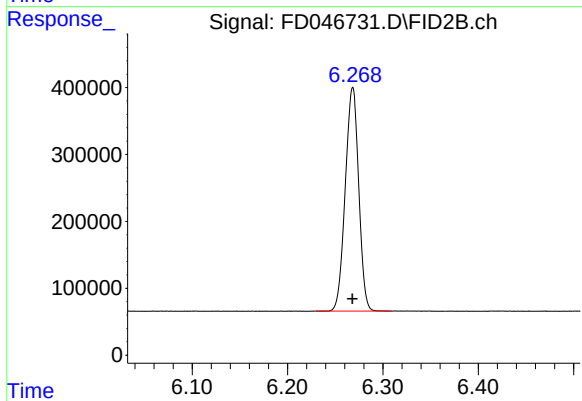
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 3246785
Conc: 19.98 ug/ml



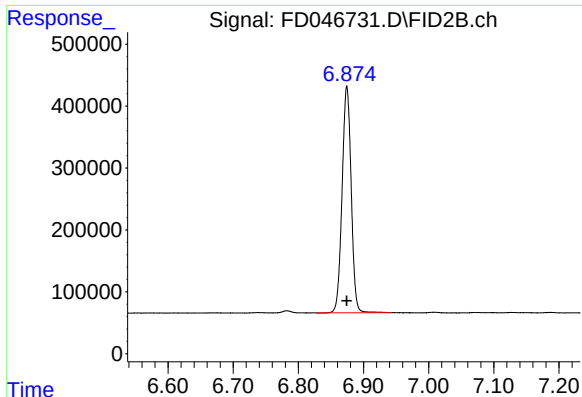
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 3597623
Conc: 19.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 3286702
Conc: 19.98 ug/ml



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

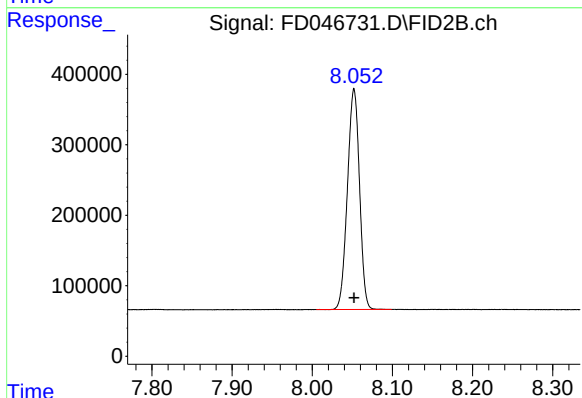
R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 3554710
Conc: 20.10 ug/ml

Instrument :

FID_D

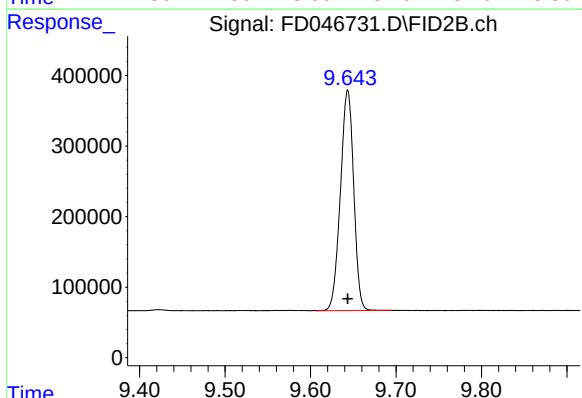
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



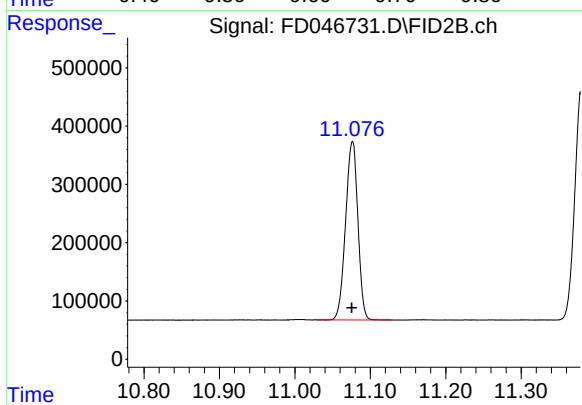
#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 3277051
Conc: 19.99 ug/ml



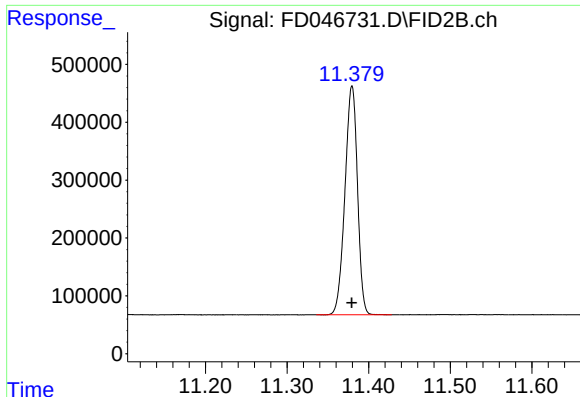
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 3374144
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.076 min
Delta R.T.: 0.001 min
Response: 3469364
Conc: 19.97 ug/ml



#9 ortho-Terphenyl (SURR)

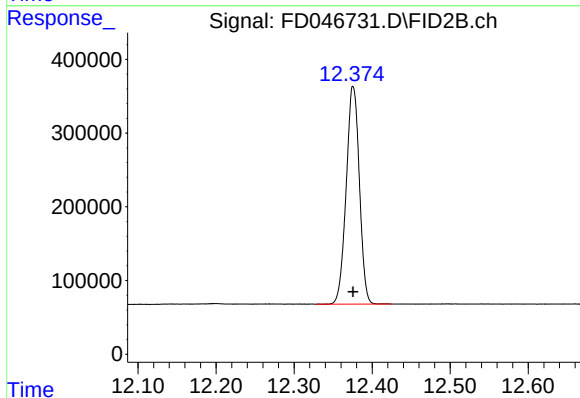
R.T.: 11.380 min
Delta R.T.: 0.000 min
Response: 4217472
Conc: 20.03 ug/ml

Instrument :

FID_D

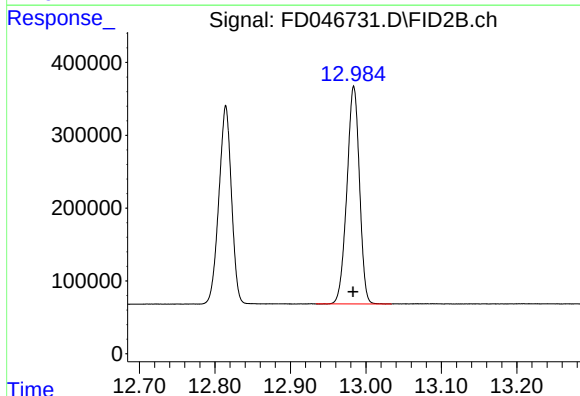
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



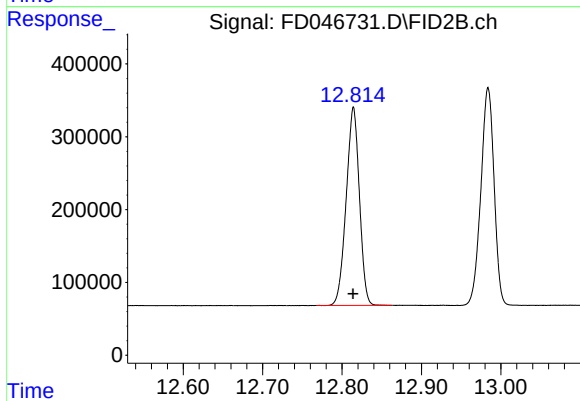
#10 n-Eicosane (C20)

R.T.: 12.376 min
Delta R.T.: 0.000 min
Response: 3464054
Conc: 20.02 ug/ml



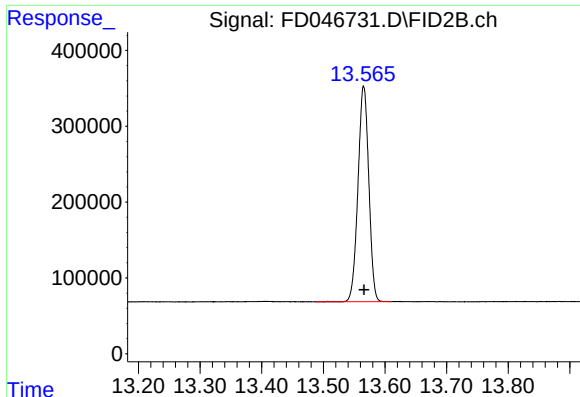
#11 n-Heneicosane (C21)

R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 3464720
Conc: 20.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.814 min
Delta R.T.: 0.000 min
Response: 3146110
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

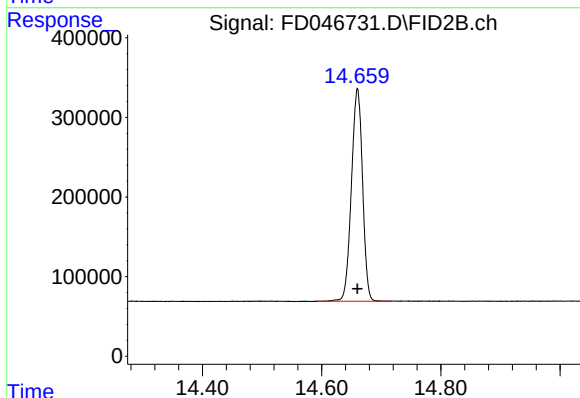
R.T.: 13.566 min
Delta R.T.: 0.000 min
Response: 3458475
Conc: 20.02 ug/ml

Instrument :

FID_D

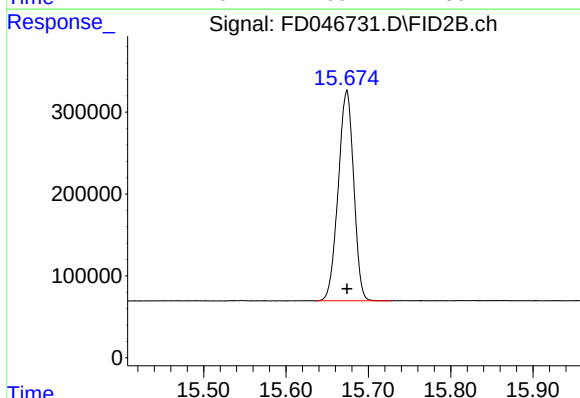
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



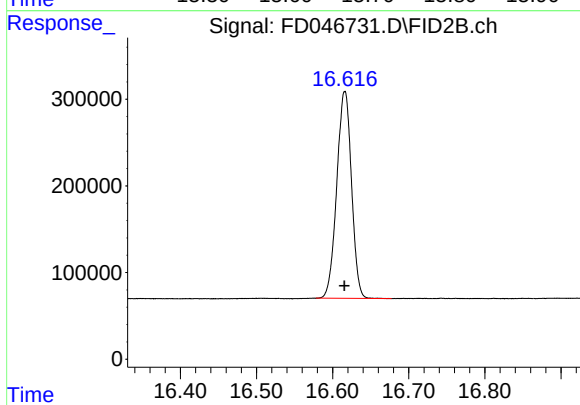
#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: 0.000 min
Response: 3468122
Conc: 20.01 ug/ml



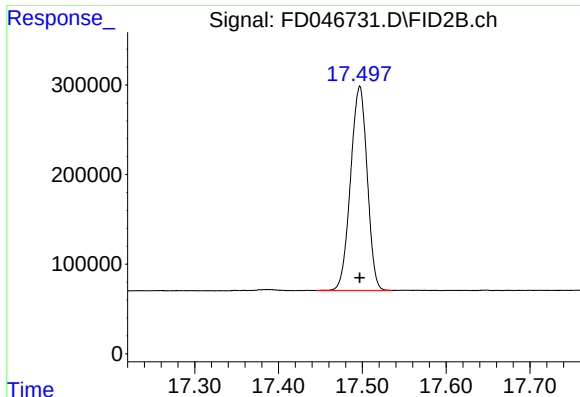
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.000 min
Response: 3362701
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

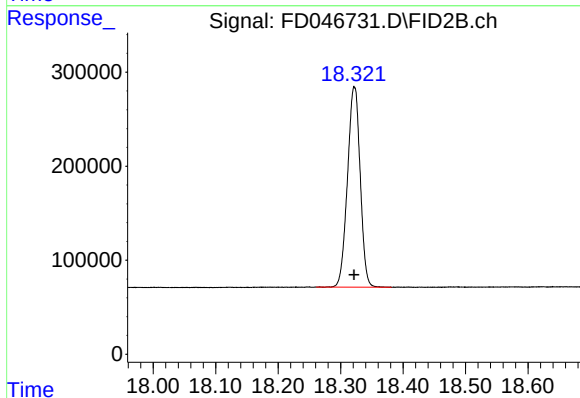
R.T.: 16.616 min
Delta R.T.: 0.000 min
Response: 3215898
Conc: 20.01 ug/ml



#17 n-Tricontane (C30)

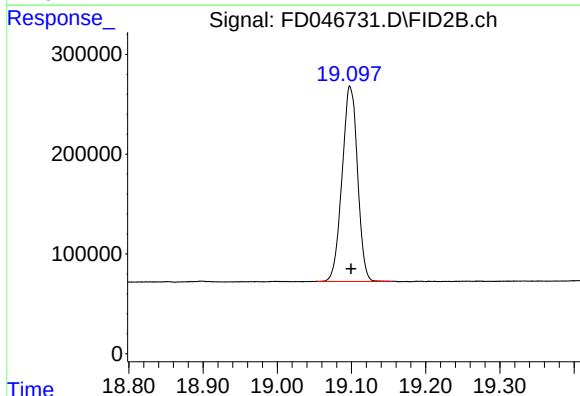
R.T.: 17.497 min
Delta R.T.: 0.000 min
Response: 3141018
Conc: 19.97 ug/ml

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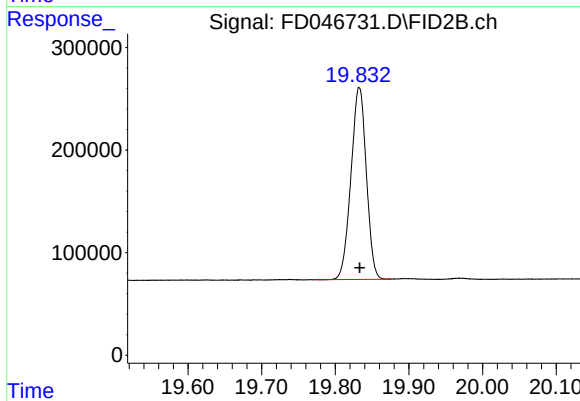
#18 n-Dotriacontane (C32)

R.T.: 18.322 min
Delta R.T.: 0.000 min
Response: 3017935
Conc: 19.98 ug/ml



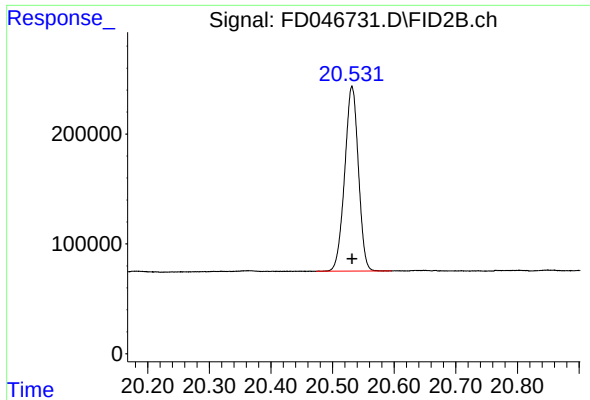
#19 n-Tetratriacontane (C34)

R.T.: 19.098 min
Delta R.T.: -0.001 min
Response: 2834314
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

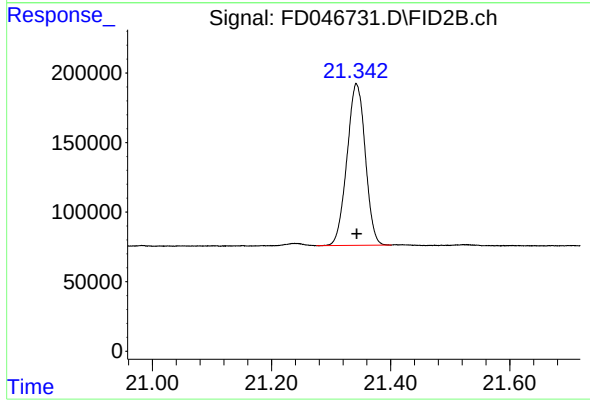
R.T.: 19.833 min
Delta R.T.: 0.000 min
Response: 2711927
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: 0.000 min
Response: 2601191
Conc: 19.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: 0.000 min
Response: 2478397
Conc: 19.84 ug/ml