

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AL\
 Data File : FD049226.D
 Signal(s) : FID2B.ch
 Acq On : 03 Apr 2025 03:00
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 03 07:10:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 07:07:22 2025
 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)	11.657	888300	4.979 ug/ml
Spiked Amount 50.000		Recovery =	9.96%
12) S 1-chlorooctadecane (S...	13.083	640034	4.923 ug/ml
Spiked Amount 50.000		Recovery =	9.85%
Target Compounds			
1) T n-Nonane (C9)	3.430	637556	5.164 ug/ml
2) T n-Decane (C10)	4.499	648608	5.179 ug/ml
3) T A~Naphthalene (C11.7)	6.088	747069	5.082 ug/ml
4) T n-Dodecane (C12)	6.514	647090	5.114 ug/ml
5) T A~2-methylnaphthalene...	7.141	725031	5.116 ug/ml
6) T n-Tetradecane (C14)	8.303	666371	5.106 ug/ml
7) T n-Hexadecane (C16)	9.898	717782	5.018 ug/ml
8) T n-Octadecane (C18)	11.335	778501	5.018 ug/ml
10) T n-Eicosane (C20)	12.639	797681	5.157 ug/ml
11) T n-Heneicosane (C21)	13.248	774945	5.046 ug/ml
13) T n-Docosane (C22)	13.832	838535	5.469 ug/ml
14) T n-Tetracosane (C24)	14.930	950590	6.274 ug/ml
15) T n-Hexacosane (C26)	15.947	993865	6.867 ug/ml
16) T n-Octacosane (C28)	16.892	994263	7.334 ug/ml
17) T n-Tricontane (C30)	17.774	940798	7.249 ug/ml
18) T n-Dotriacontane (C32)	18.603	837068	7.152 ug/ml
19) T n-Tetratriacontane (C34)	19.382	597194	6.020 ug/ml
20) T n-Hexatriacontane (C36)	20.118	436130	5.558 ug/ml
21) T n-Octatriacontane (C38)	20.857	316605	5.039 ug/ml
22) T n-Tetracontane (C40)	21.778	218611	4.793 ug/ml

(f)=RT Delta > 1/2 Window

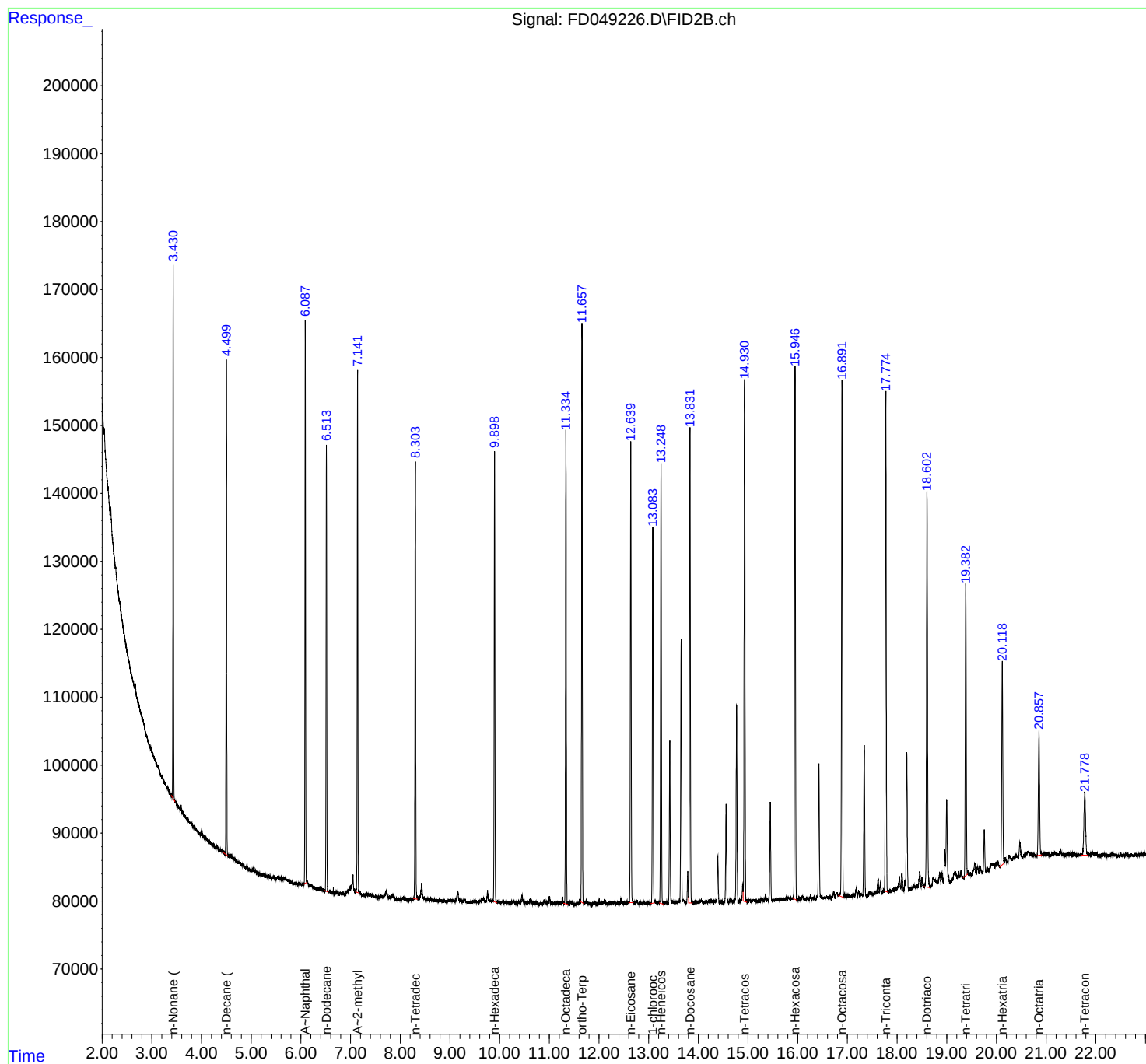
(m)=manual int.

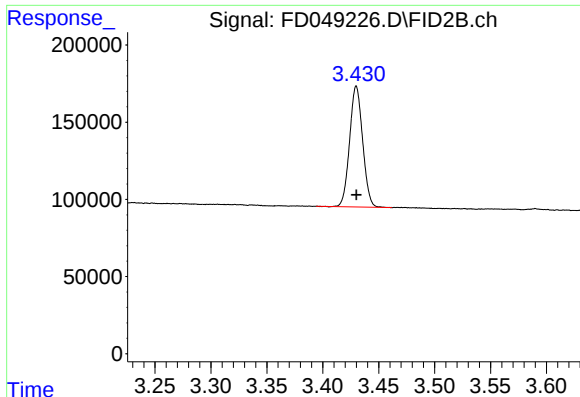
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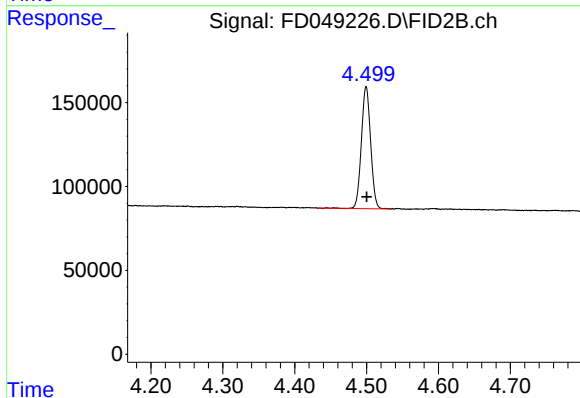




#1 n-Nonane (C9)

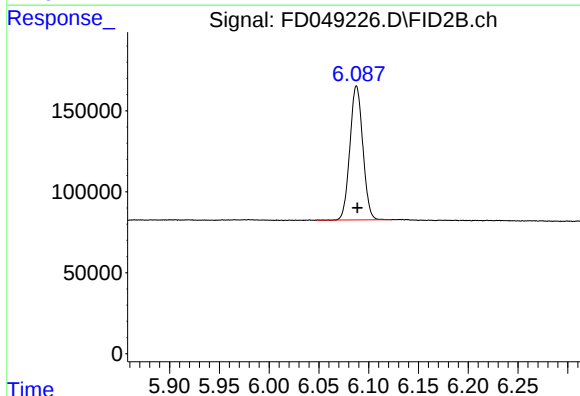
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 637556
Conc: 5.16 ug/ml

Instrument :
FID_D
ClientSampleId :



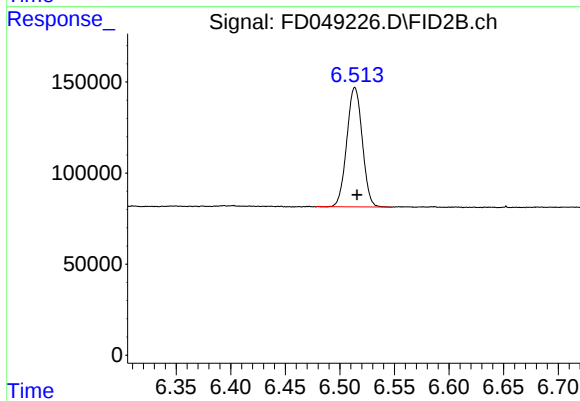
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 648608
Conc: 5.18 ug/ml



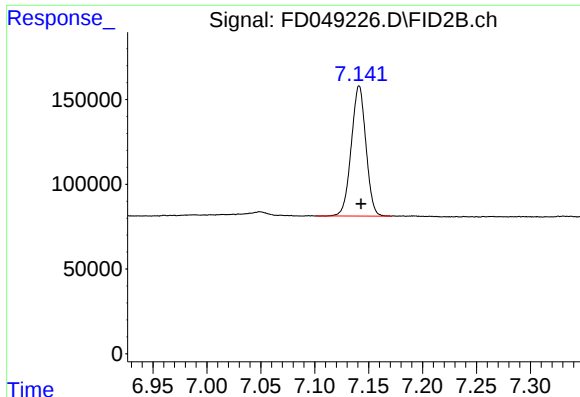
#3 A~Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 747069
Conc: 5.08 ug/ml



#4 n-Dodecane (C12)

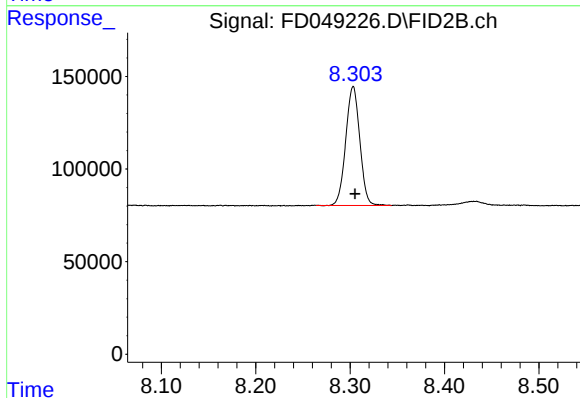
R.T.: 6.514 min
Delta R.T.: -0.002 min
Response: 647090
Conc: 5.11 ug/ml



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

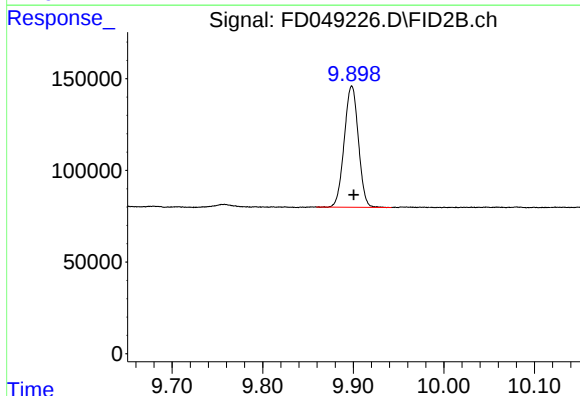
R.T.: 7.141 min
Delta R.T.: -0.002 min
Response: 725031
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :



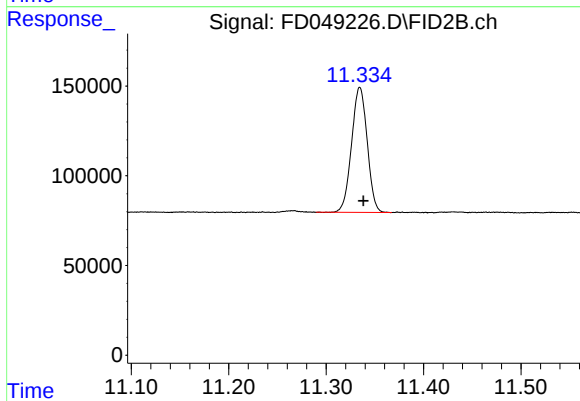
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.002 min
Response: 666371
Conc: 5.11 ug/ml



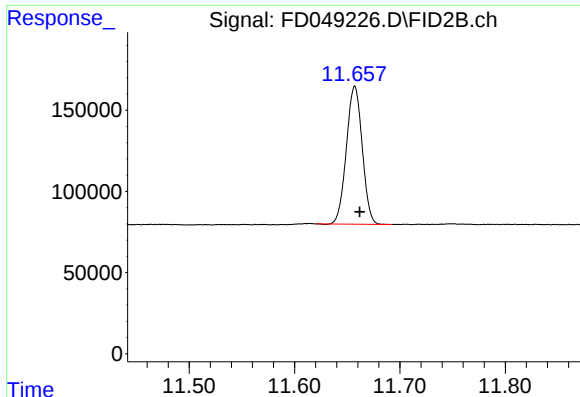
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.002 min
Response: 717782
Conc: 5.02 ug/ml



#8 n-Octadecane (C18)

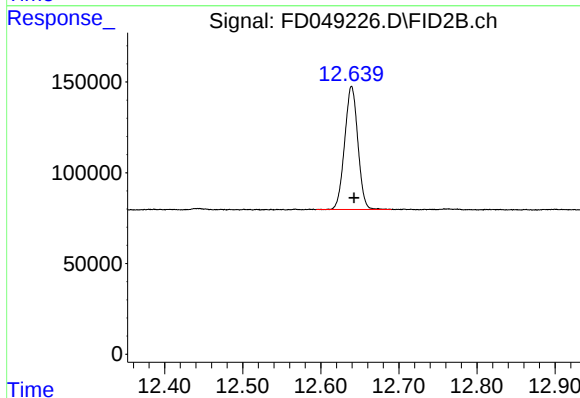
R.T.: 11.335 min
Delta R.T.: -0.004 min
Response: 778501
Conc: 5.02 ug/ml



#9 ortho-Terphenyl (SURR)

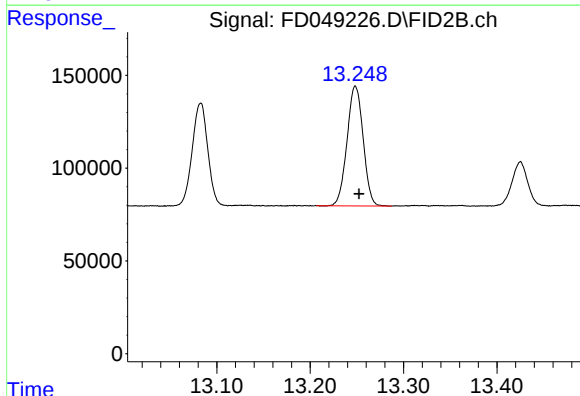
R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 888300
Conc: 4.98 ug/ml

Instrument :
FID_D
ClientSampleId :



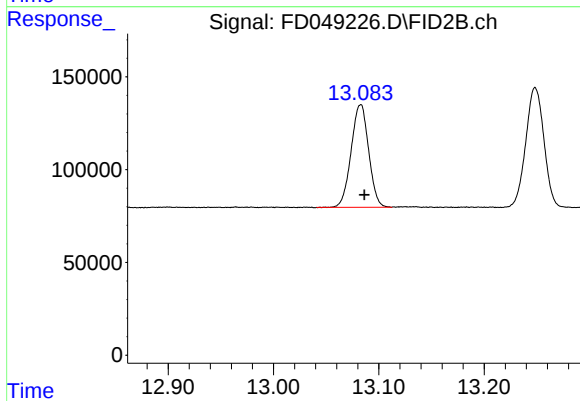
#10 n-Eicosane (C20)

R.T.: 12.639 min
Delta R.T.: -0.003 min
Response: 797681
Conc: 5.16 ug/ml



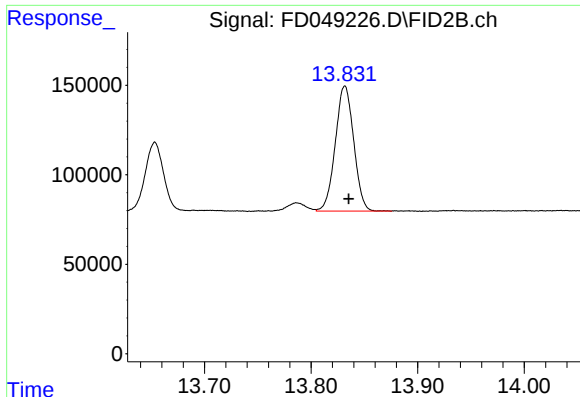
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: -0.004 min
Response: 774945
Conc: 5.05 ug/ml



#12 1-chlorooctadecane (SURR)

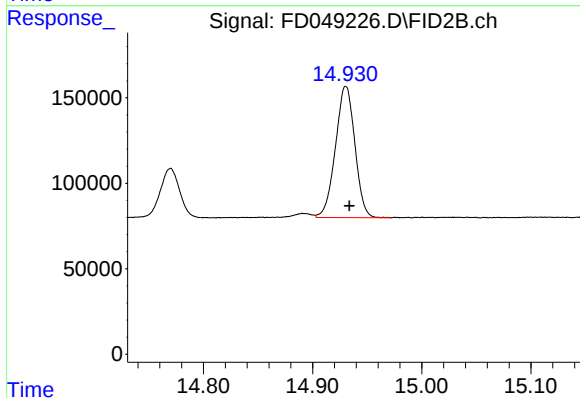
R.T.: 13.083 min
Delta R.T.: -0.003 min
Response: 640034
Conc: 4.92 ug/ml



#13 n-Docosane (C22)

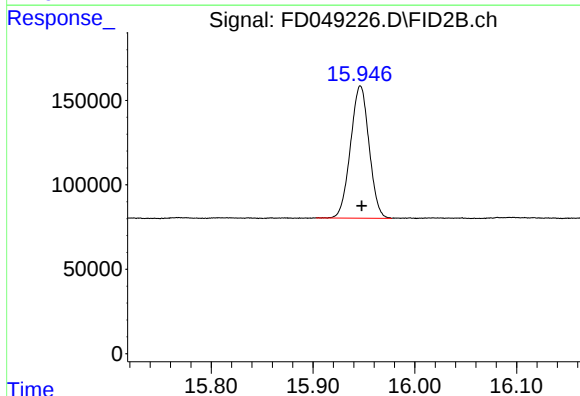
R.T.: 13.832 min
Delta R.T.: -0.004 min
Response: 838535
Conc: 5.47 ug/ml

Instrument :
FID_D
ClientSampleId :



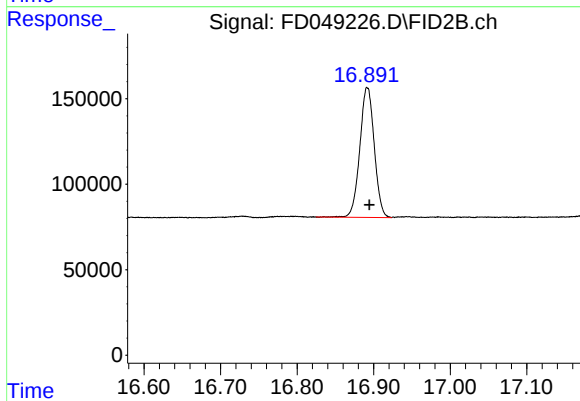
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.003 min
Response: 950590
Conc: 6.27 ug/ml



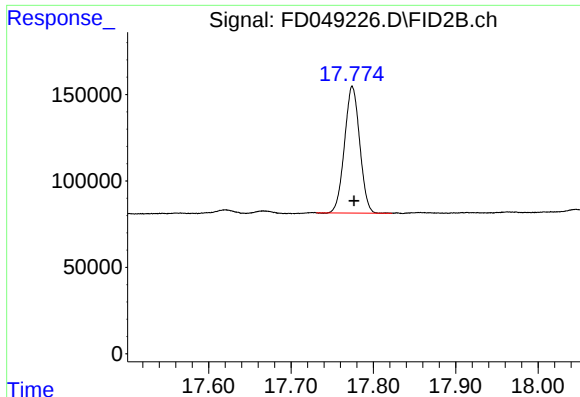
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: -0.001 min
Response: 993865
Conc: 6.87 ug/ml



#16 n-Octacosane (C28)

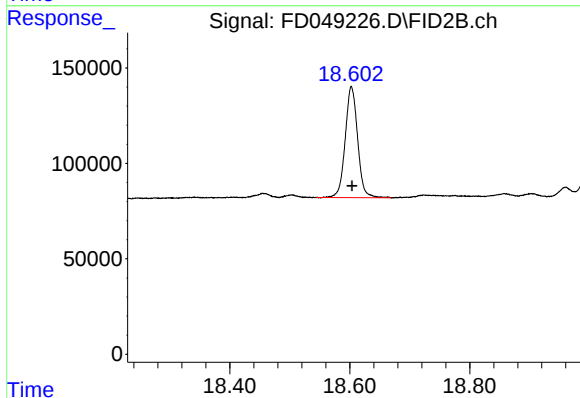
R.T.: 16.892 min
Delta R.T.: -0.003 min
Response: 994263
Conc: 7.33 ug/ml



#17 n-Tricontane (C30)

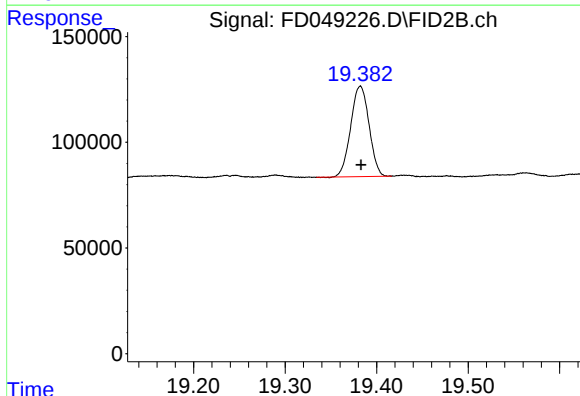
R.T.: 17.774 min
Delta R.T.: -0.002 min
Response: 940798
Conc: 7.25 ug/ml

Instrument :
FID_D
ClientSampleId :



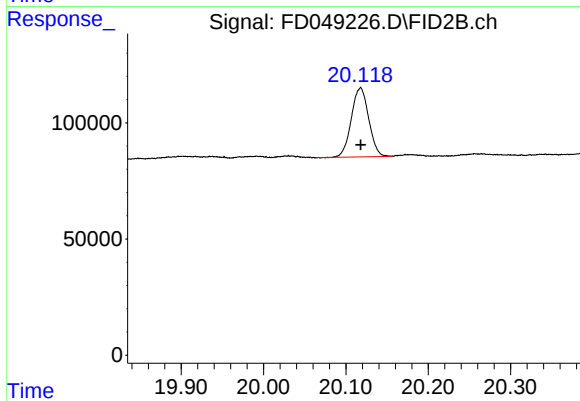
#18 n-Dotriacontane (C32)

R.T.: 18.603 min
Delta R.T.: -0.001 min
Response: 837068
Conc: 7.15 ug/ml



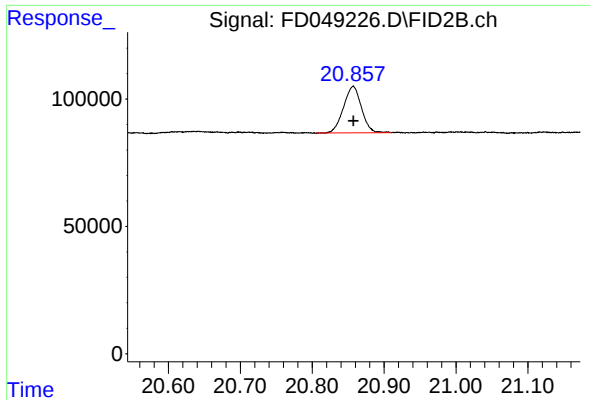
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: 0.000 min
Response: 597194
Conc: 6.02 ug/ml



#20 n-Hexatriacontane (C36)

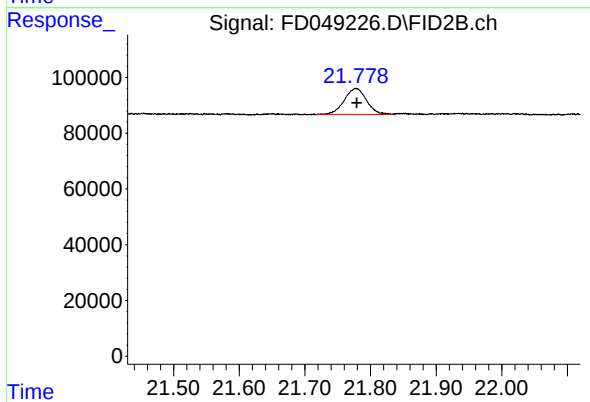
R.T.: 20.118 min
Delta R.T.: 0.000 min
Response: 436130
Conc: 5.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.857 min
Delta R.T.: 0.000 min
Response: 316605
Conc: 5.04 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.778 min
Delta R.T.: 0.000 min
Response: 218611
Conc: 4.79 ug/ml