

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
 Data File : FC061579.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2022 17:03
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 20 17:36:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 16:45:58 2022
 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)	11.571	1844163	11.588 ug/ml
Spiked Amount 50.000		Recovery =	23.18%
12) S 1-chlorooctadecane (S...	13.010	1474781	11.617 ug/ml
Spiked Amount 50.000		Recovery =	23.23%
Target Compounds			
1) T n-Nonane (C9)	3.320	1607290	11.578 ug/ml
2) T n-Decane (C10)	4.391	1629080	11.602 ug/ml
3) T A~Naphthalene (C11.7)	5.977	1793056	11.624 ug/ml
4) T n-Dodecane (C12)	6.411	1637005	11.572 ug/ml
5) T A~2-methylnaphthalene...	7.034	1781044	11.642 ug/ml
6) T n-Tetradecane (C14)	8.211	1642846	11.571 ug/ml
7) T n-Hexadecane (C16)	9.813	1666225	11.567 ug/ml
8) T n-Octadecane (C18)	11.256	1699704	11.589 ug/ml
10) T n-Eicosane (C20)	12.566	1719328	11.623 ug/ml
11) T n-Heneicosane (C21)	13.178	1734090	11.657 ug/ml
13) T n-Docosane (C22)	13.764	1735325	11.660 ug/ml
14) T n-Tetracosane (C24)	14.867	1731210	11.694 ug/ml
15) T n-Hexacosane (C26)	15.887	1717215	11.737 ug/ml
16) T n-Octacosane (C28)	16.838	1685852	11.813 ug/ml
17) T n-Tricontane (C30)	17.725	1699140	12.089 ug/ml
18) T n-Dotriacontane (C32)	18.557	1707936	12.498 ug/ml
19) T n-Tetratriacontane (C34)	19.340	1598480	12.473 ug/ml
20) T n-Hexatriacontane (C36)	20.079	1561487	12.419 ug/ml
21) T n-Octatriacontane (C38)	20.812	1438968	12.153 ug/ml
22) T n-Tetracontane (C40)	21.722	1326980	11.794 ug/ml

(f)=RT Delta > 1/2 Window

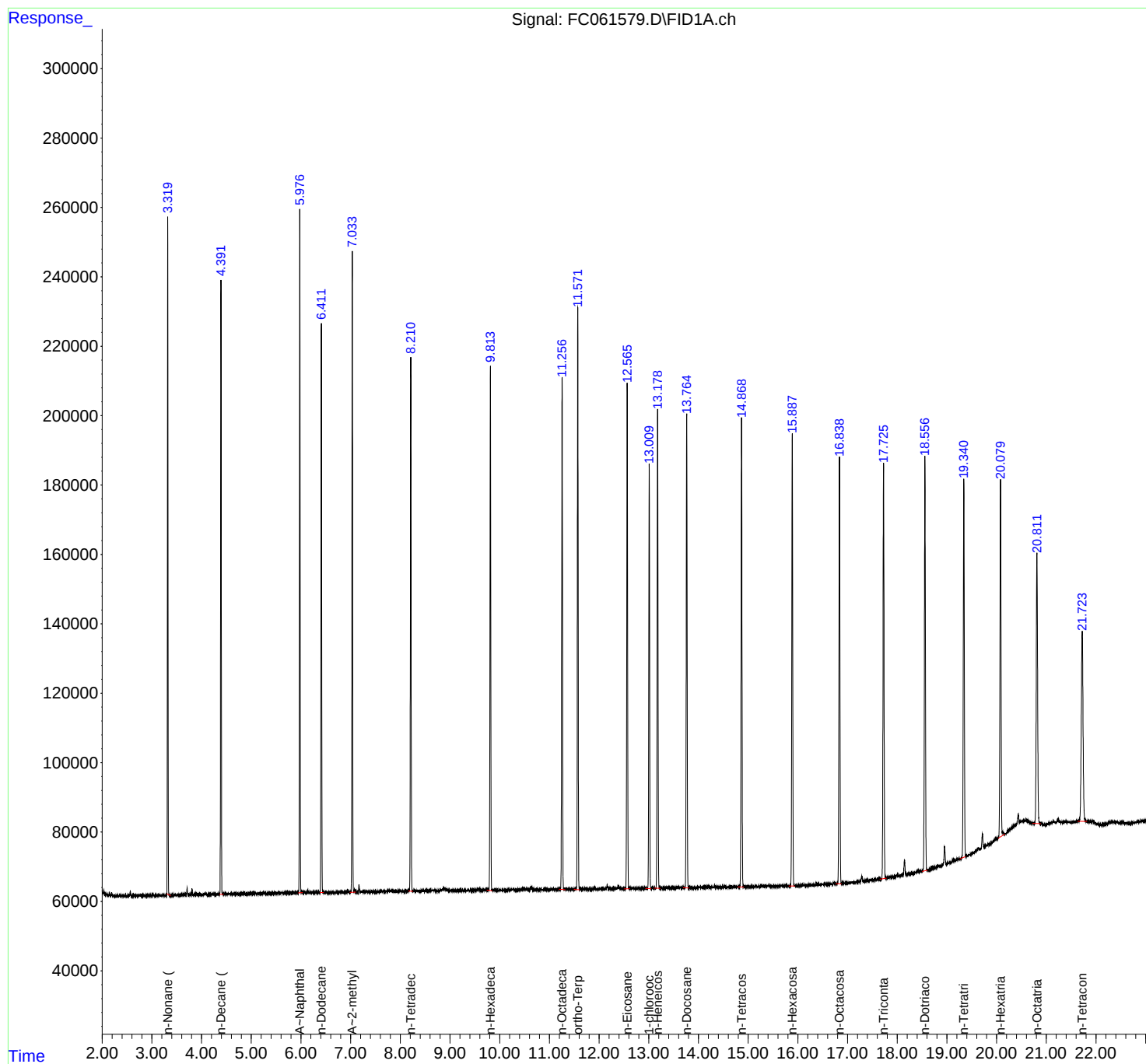
(m)=manual int.

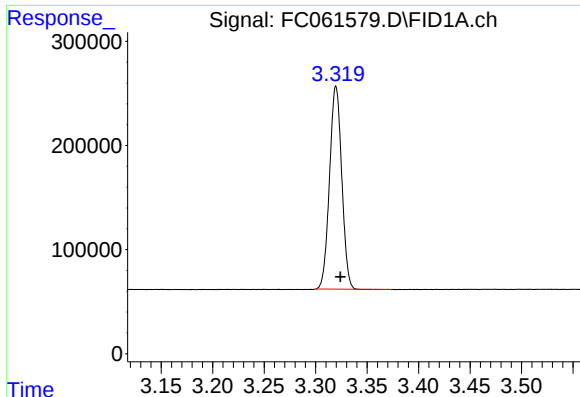
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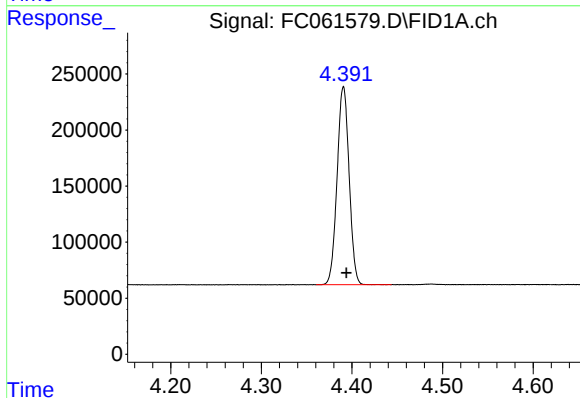




#1 n-Nonane (C9)

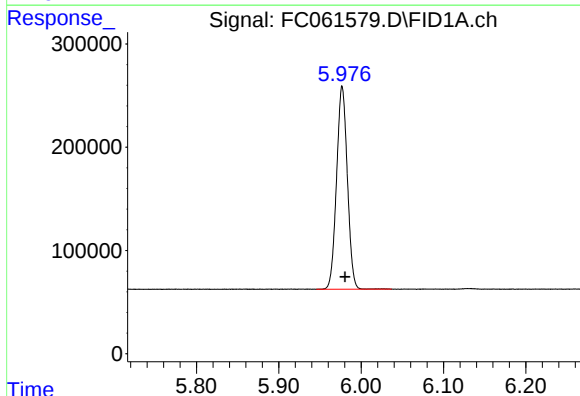
R.T.: 3.320 min
Delta R.T.: -0.004 min
Response: 1607290
Conc: 11.58 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



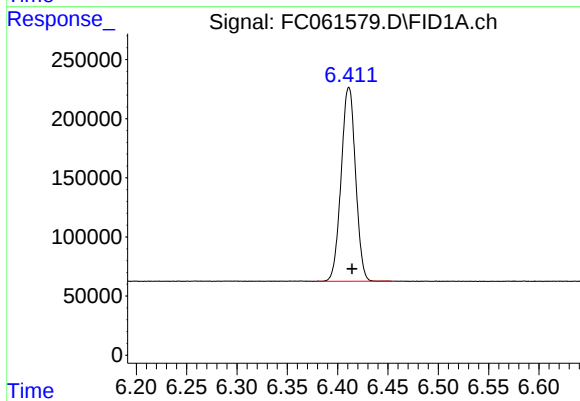
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 1629080
Conc: 11.60 ug/ml



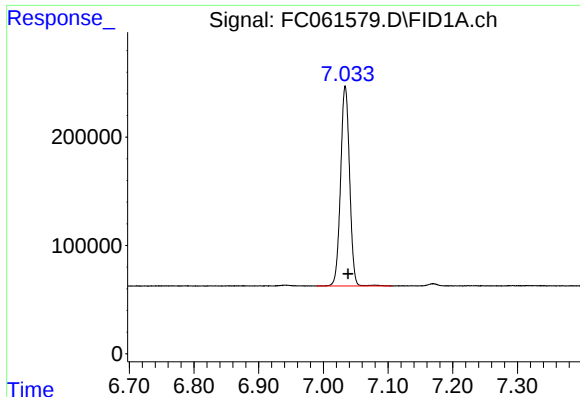
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.003 min
Response: 1793056
Conc: 11.62 ug/ml



#4 n-Dodecane (C12)

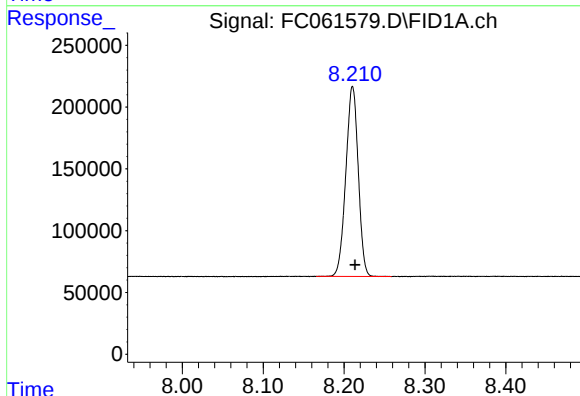
R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 1637005
Conc: 11.57 ug/ml



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

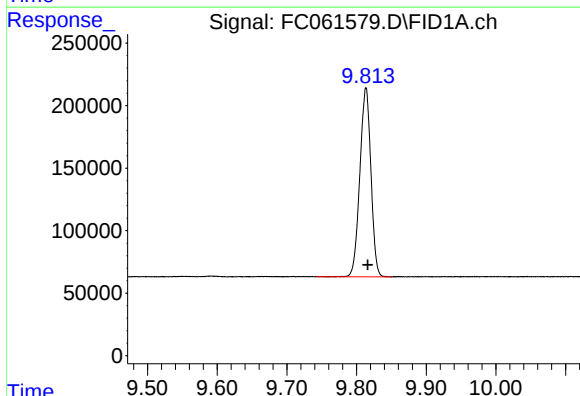
R.T.: 7.034 min
Delta R.T.: -0.004 min
Response: 1781044
Conc: 11.64 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



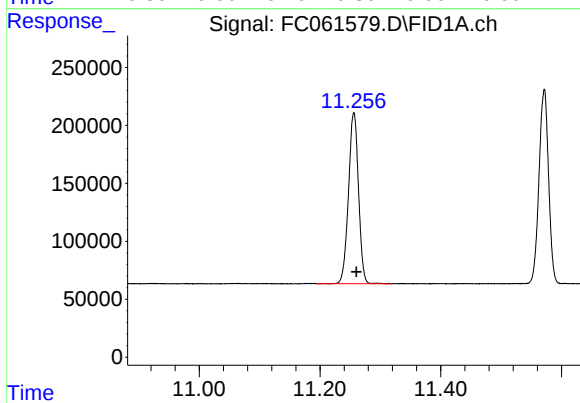
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: -0.003 min
Response: 1642846
Conc: 11.57 ug/ml



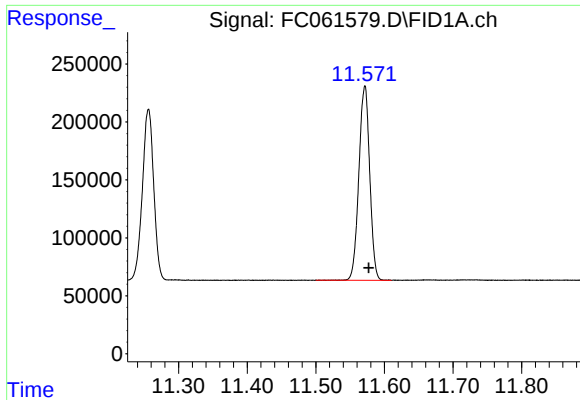
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.003 min
Response: 1666225
Conc: 11.57 ug/ml



#8 n-Octadecane (C18)

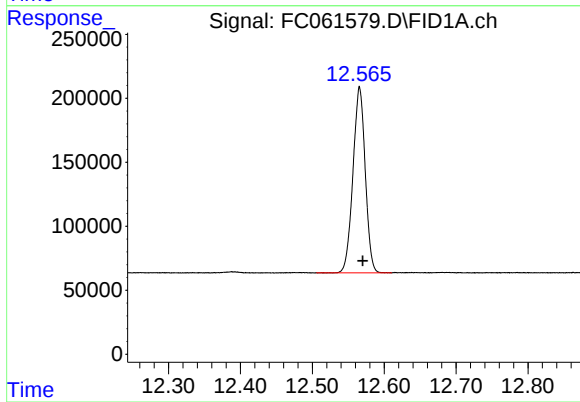
R.T.: 11.256 min
Delta R.T.: -0.004 min
Response: 1699704
Conc: 11.59 ug/ml



#9 ortho-Terphenyl (SURR)

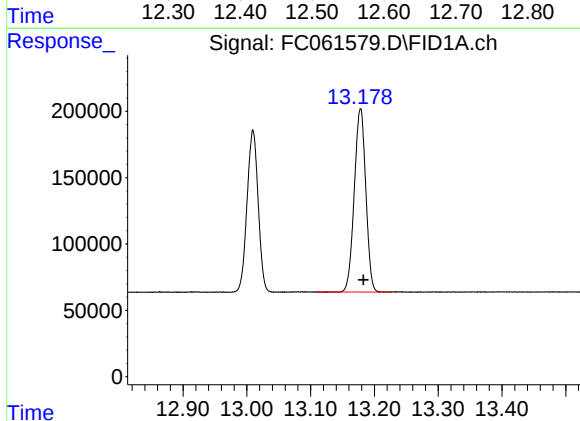
R.T.: 11.571 min
Delta R.T.: -0.006 min
Response: 1844163
Conc: 11.59 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



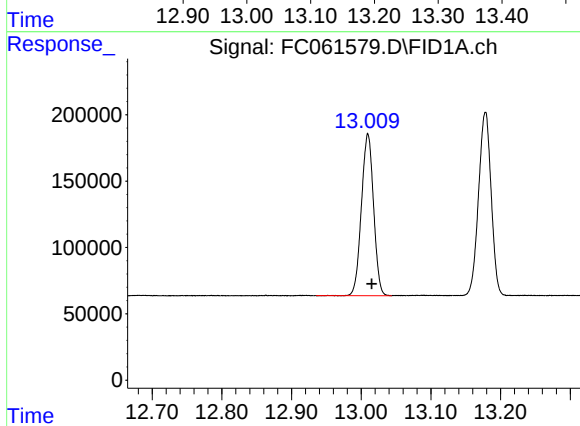
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.005 min
Response: 1719328
Conc: 11.62 ug/ml



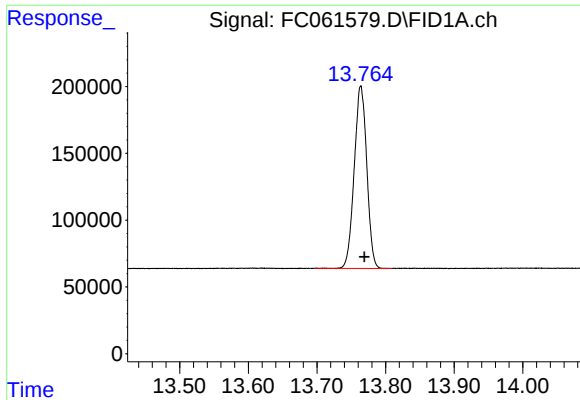
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.005 min
Response: 1734090
Conc: 11.66 ug/ml



#12 1-chlorooctadecane (SURR)

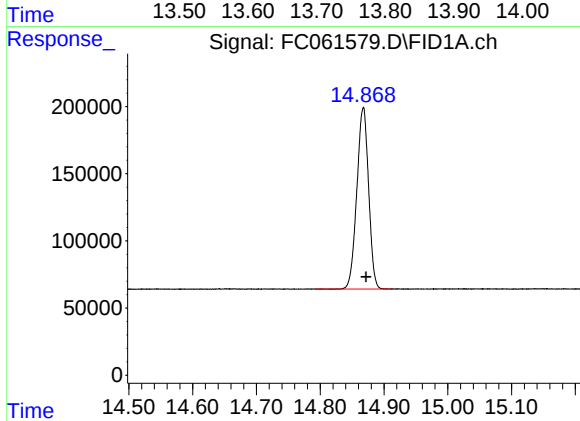
R.T.: 13.010 min
Delta R.T.: -0.006 min
Response: 1474781
Conc: 11.62 ug/ml



#13 n-Docosane (C22)

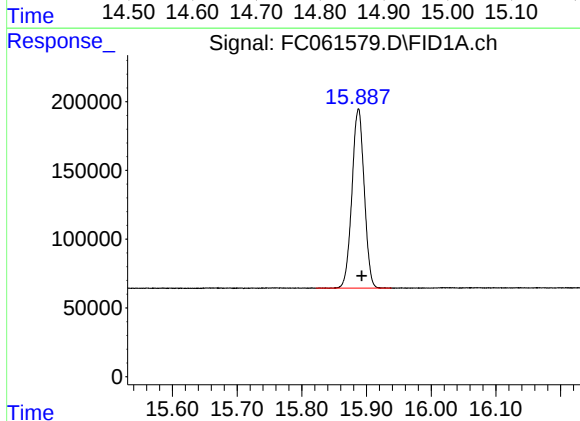
R.T.: 13.764 min
Delta R.T.: -0.005 min
Response: 1735325
Conc: 11.66 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



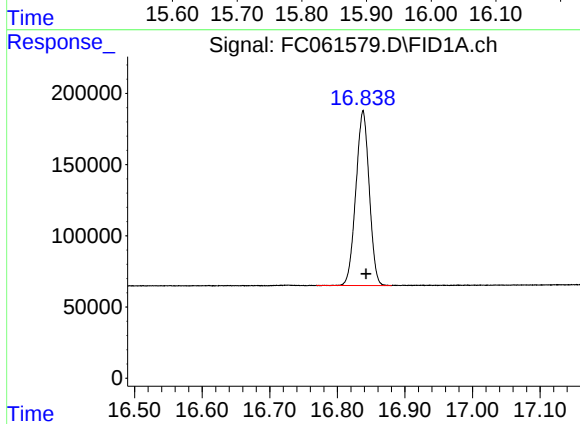
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.005 min
Response: 1731210
Conc: 11.69 ug/ml



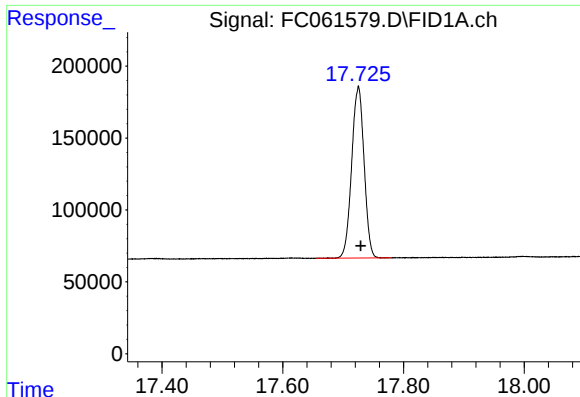
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.006 min
Response: 1717215
Conc: 11.74 ug/ml



#16 n-Octacosane (C28)

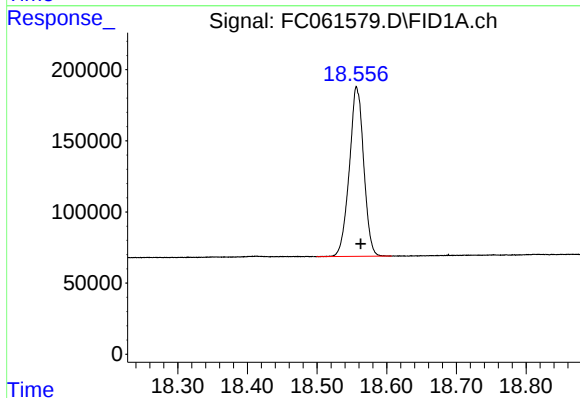
R.T.: 16.838 min
Delta R.T.: -0.004 min
Response: 1685852
Conc: 11.81 ug/ml



#17 n-Tricontane (C30)

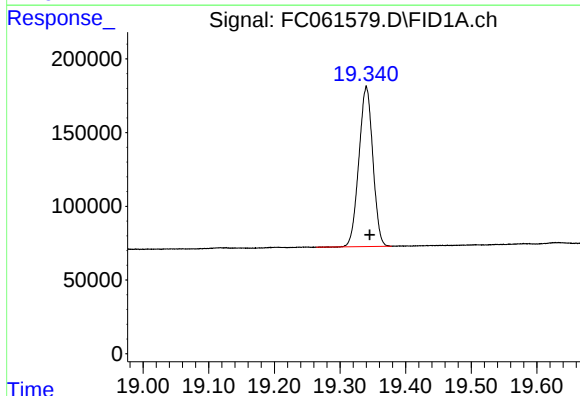
R.T.: 17.725 min
Delta R.T.: -0.004 min
Response: 1699140
Conc: 12.09 ug/ml

Instrument :
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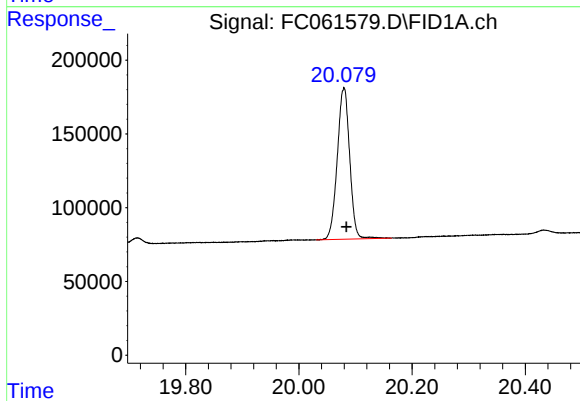
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: -0.006 min
Response: 1707936
Conc: 12.50 ug/ml



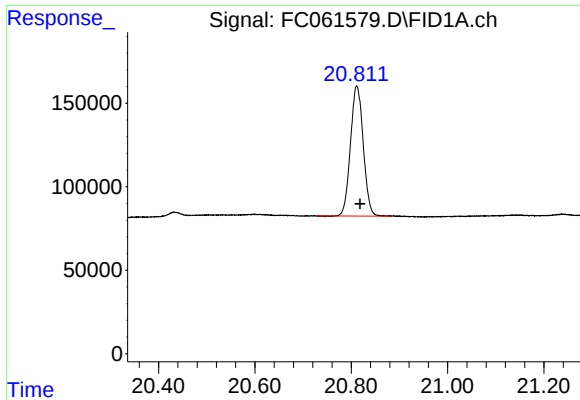
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.006 min
Response: 1598480
Conc: 12.47 ug/ml



#20 n-Hexatriacontane (C36)

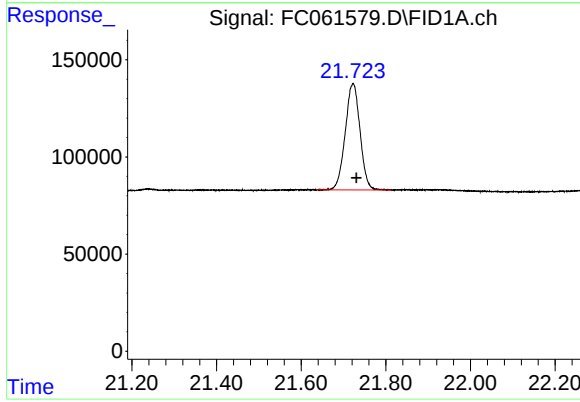
R.T.: 20.079 min
Delta R.T.: -0.005 min
Response: 1561487
Conc: 12.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.006 min
Response: 1438968
Conc: 12.15 ug/ml

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FID_C
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.008 min
Response: 1326980
Conc: 11.79 ug/ml