

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101222AL\
 Data File : FC061773.D
 Signal(s) : FID1A.ch
 Acq On : 13 Oct 2022 06:17
 Operator : YP/AJ
 Sample : PB148289BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB148289BSD

Integration File: autoint1.e
 Quant Time: Oct 13 07:39:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.591	7010743	41.023 ug/ml
Spiked Amount 50.000		Recovery =	82.05%
12) S 1-chlorooctadecane (S...	13.028	5863763	42.923 ug/ml
Spiked Amount 50.000		Recovery =	85.85%
Target Compounds			
1) T n-Nonane (C9)	3.353	4277519	28.656 ug/ml
2) T n-Decane (C10)	4.417	4533921	30.057 ug/ml
3) T A~Naphthalene (C11.7)	6.000	5423371	32.704 ug/ml
4) T n-Dodecane (C12)	6.431	5241917	34.473 ug/ml
5) T A~2-methylnaphthalene...	7.056	5721569	34.783 ug/ml
6) T n-Tetradecane (C14)	8.230	6076330	39.855 ug/ml
7) T n-Hexadecane (C16)	9.831	6543635	42.319 ug/ml
8) T n-Octadecane (C18)	11.274	6742750	42.772 ug/ml
10) T n-Eicosane (C20)	12.583	6521879	40.927 ug/ml
11) T n-Heneicosane (C21)	13.196	6444103	40.166 ug/ml
13) T n-Docosane (C22)	13.782	6337235	39.445 ug/ml
14) T n-Tetracosane (C24)	14.872	11423288	71.310 ug/ml
15) T n-Hexacosane (C26)	15.907	5854269	36.929 ug/ml
16) T n-Octacosane (C28)	16.855	5642370	36.403 ug/ml
17) T n-Tricontane (C30)	17.744	5326867	34.615 ug/ml
18) T n-Dotriacontane (C32)	18.575	5150572	34.064 ug/ml
19) T n-Tetratriacontane (C34)	19.358	5074474	35.788 ug/ml
20) T n-Hexatriacontane (C36)	20.098	4820428	34.916 ug/ml
21) T n-Octatriacontane (C38)	20.837	4964856	38.337 ug/ml
22) T n-Tetracontane (C40)	21.753	4768827	39.023 ug/ml

(f)=RT Delta > 1/2 Window

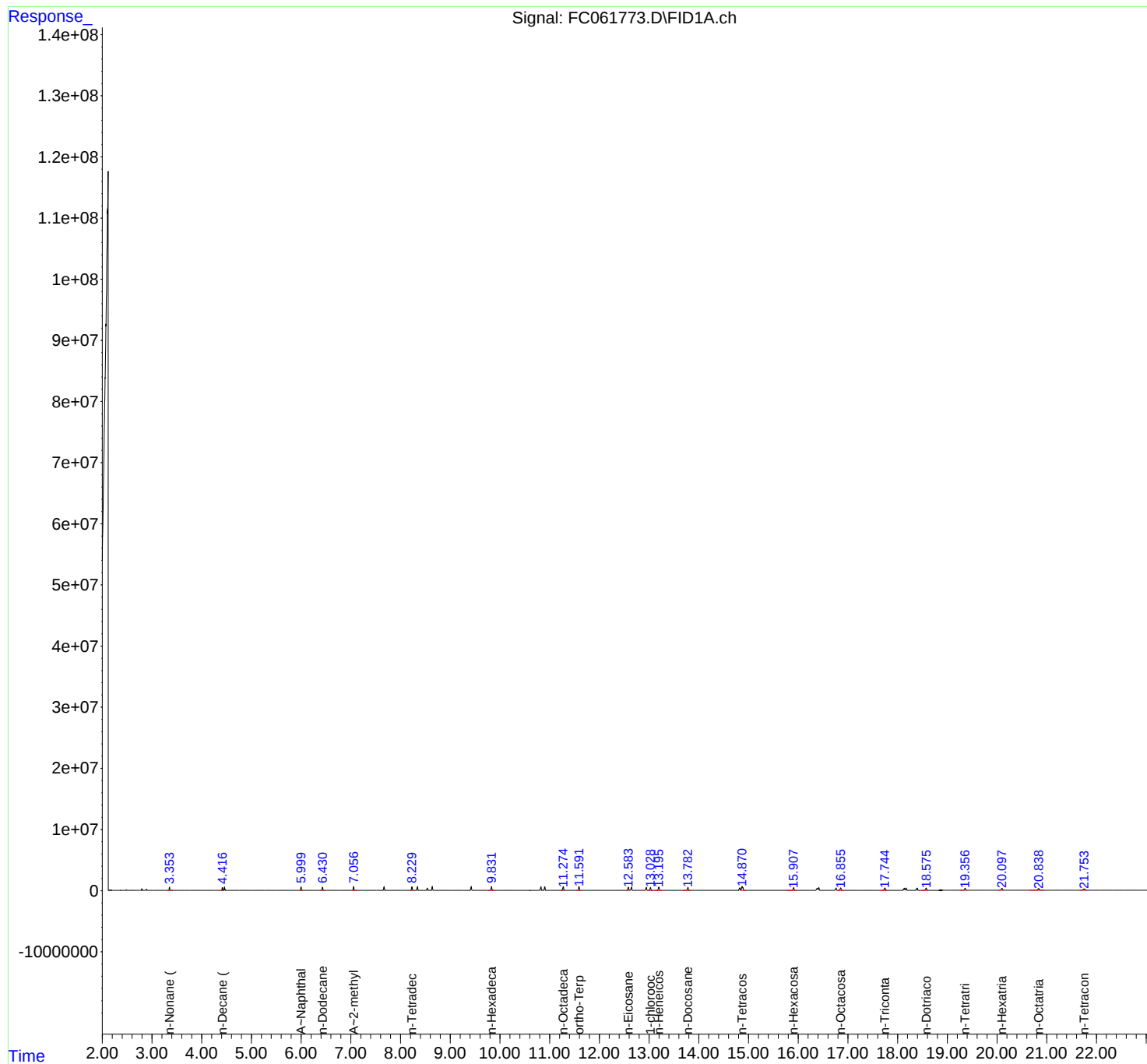
(m)=manual int.

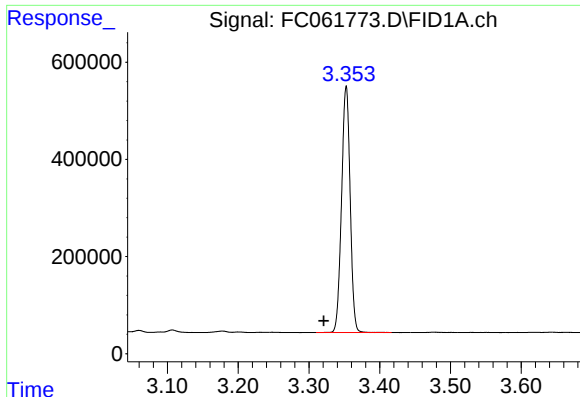
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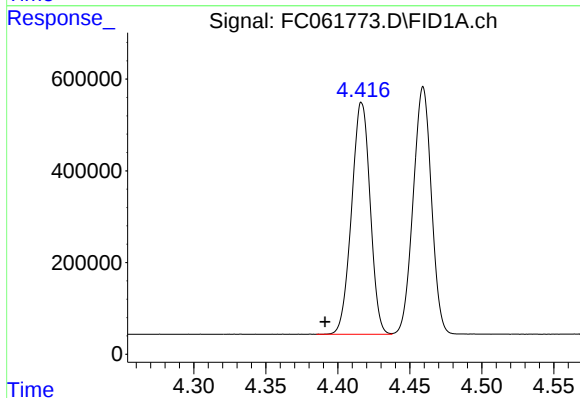




#1 n-Nonane (C9)

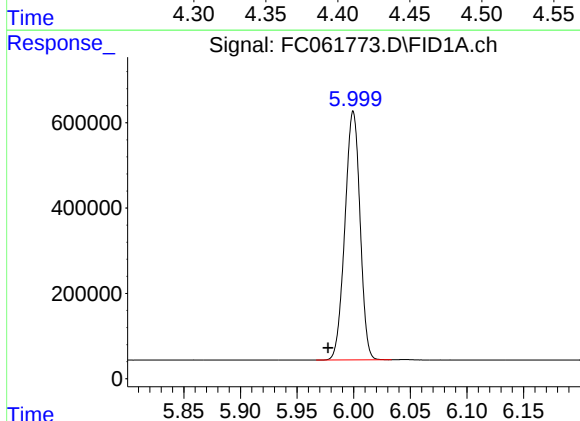
R.T.: 3.353 min
Delta R.T.: 0.032 min
Response: 4277519
Conc: 28.66 ug/ml

Instrument :
FID_C
ClientSampleId :
PB148289BSD



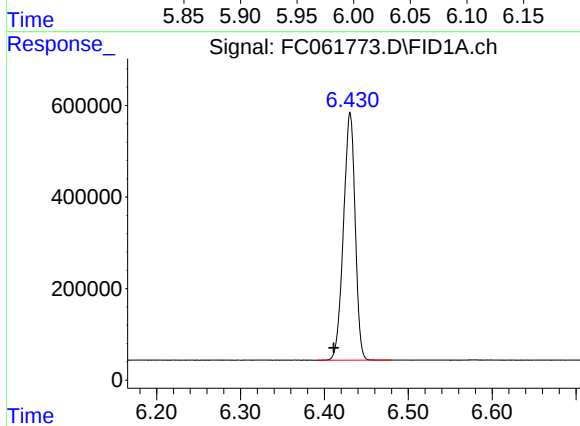
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.025 min
Response: 4533921
Conc: 30.06 ug/ml



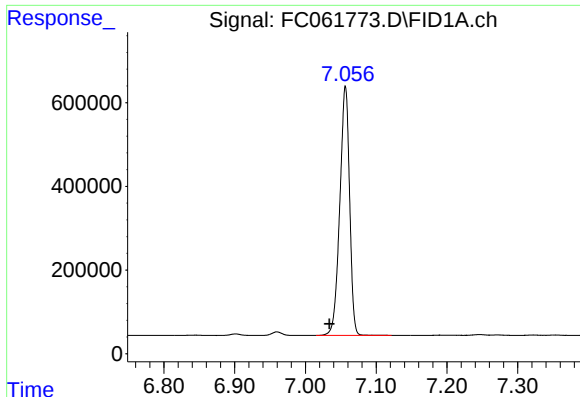
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: 0.022 min
Response: 5423371
Conc: 32.70 ug/ml



#4 n-Dodecane (C12)

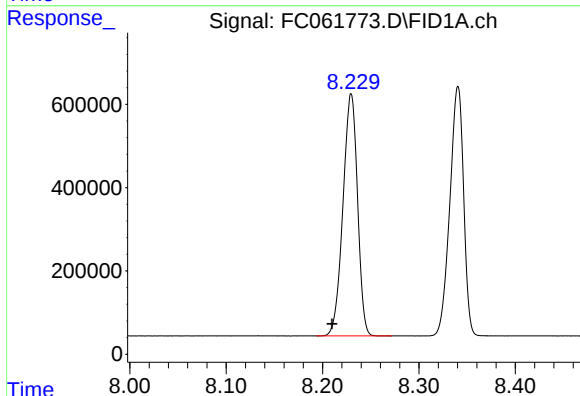
R.T.: 6.431 min
Delta R.T.: 0.019 min
Response: 5241917
Conc: 34.47 ug/ml



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

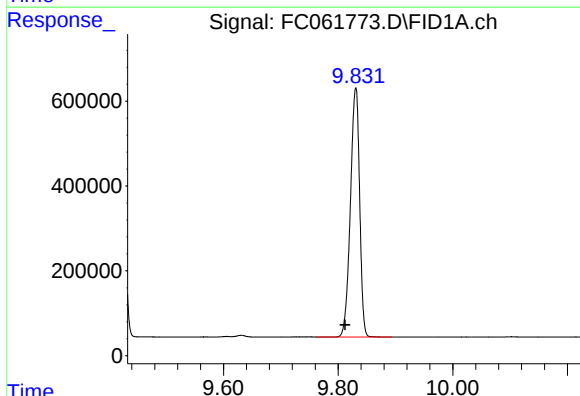
R.T.: 7.056 min
Delta R.T.: 0.023 min
Response: 5721569
Conc: 34.78 ug/ml

Instrument :
FID_C
ClientSampleId :
PB148289BSD



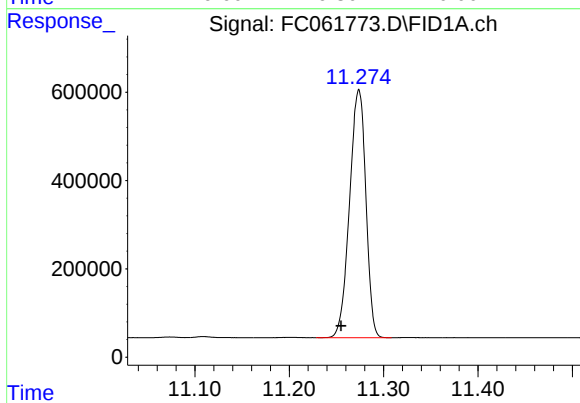
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: 0.020 min
Response: 6076330
Conc: 39.86 ug/ml



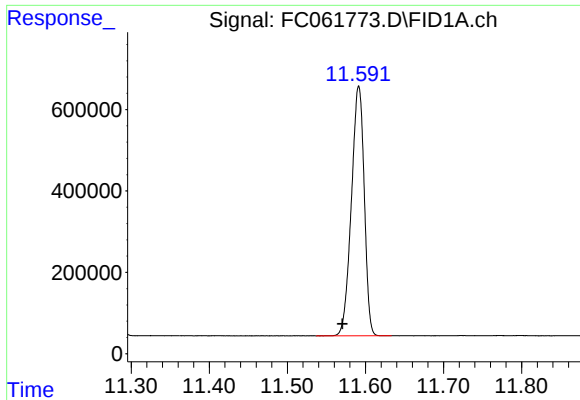
#7 n-Hexadecane (C16)

R.T.: 9.831 min
Delta R.T.: 0.018 min
Response: 6543635
Conc: 42.32 ug/ml



#8 n-Octadecane (C18)

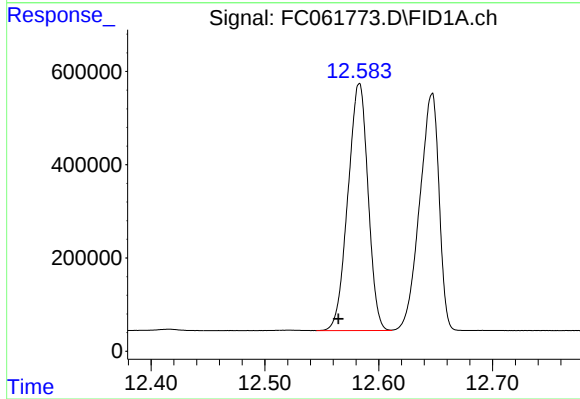
R.T.: 11.274 min
Delta R.T.: 0.019 min
Response: 6742750
Conc: 42.77 ug/ml



#9 ortho-Terphenyl (SURR)

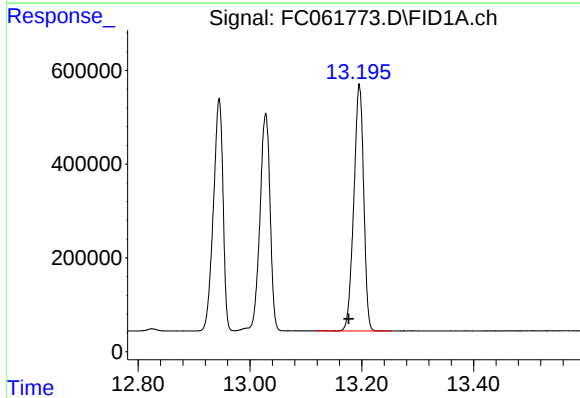
R.T.: 11.591 min
Delta R.T.: 0.021 min
Response: 7010743
Conc: 41.02 ug/ml

Instrument :
FID_C
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PB148289BSD



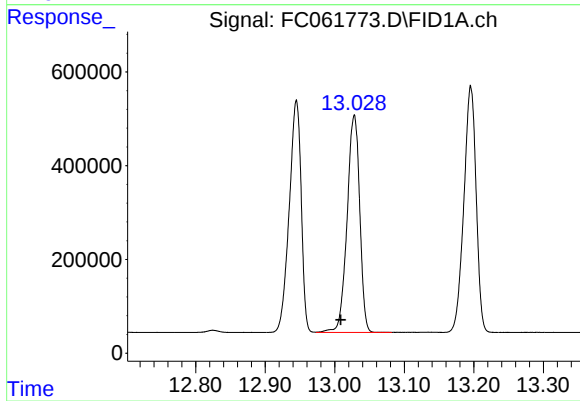
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: 0.018 min
Response: 6521879
Conc: 40.93 ug/ml



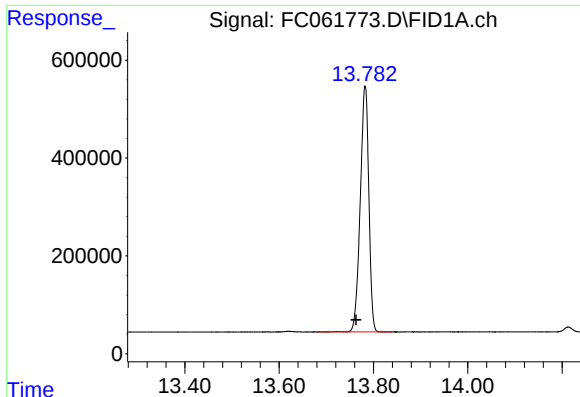
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.019 min
Response: 6444103
Conc: 40.17 ug/ml



#12 1-chlorooctadecane (SURR)

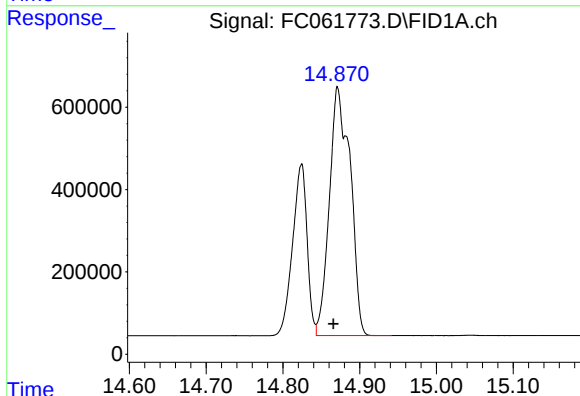
R.T.: 13.028 min
Delta R.T.: 0.020 min
Response: 5863763
Conc: 42.92 ug/ml



#13 n-Docosane (C22)

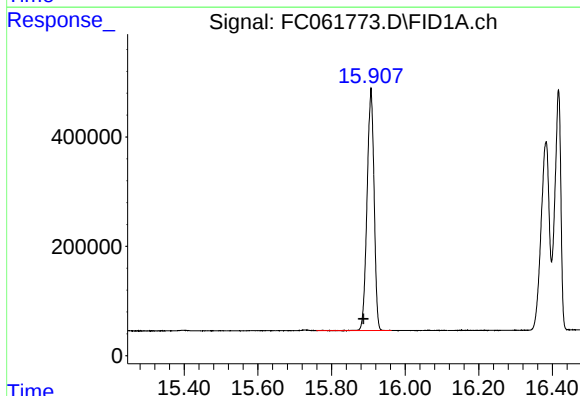
R.T.: 13.782 min
Delta R.T.: 0.019 min
Response: 6337235
Conc: 39.44 ug/ml

Instrument :
FID_C
ClientSampleId :
PB148289BSD



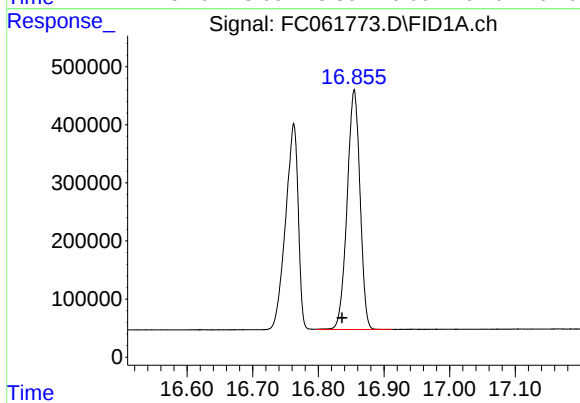
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: 0.006 min
Response: 11423288
Conc: 71.31 ug/ml



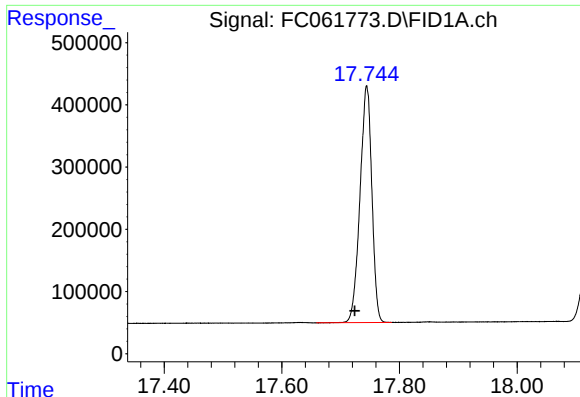
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: 0.020 min
Response: 5854269
Conc: 36.93 ug/ml



#16 n-Octacosane (C28)

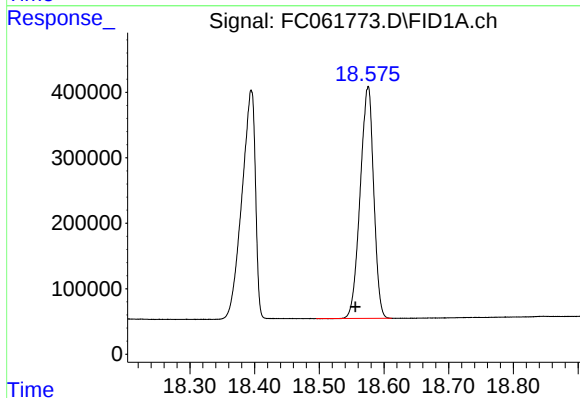
R.T.: 16.855 min
Delta R.T.: 0.018 min
Response: 5642370
Conc: 36.40 ug/ml



#17 n-Tricontane (C30)

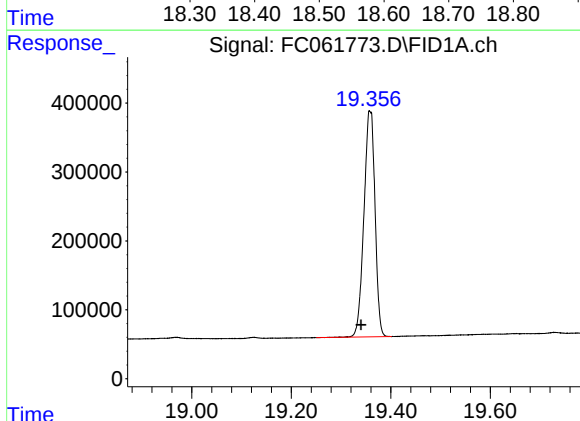
R.T.: 17.744 min
Delta R.T.: 0.020 min
Response: 5326867
Conc: 34.61 ug/ml

Instrument :
FID_C
ClientSampleId :
PB148289BSD



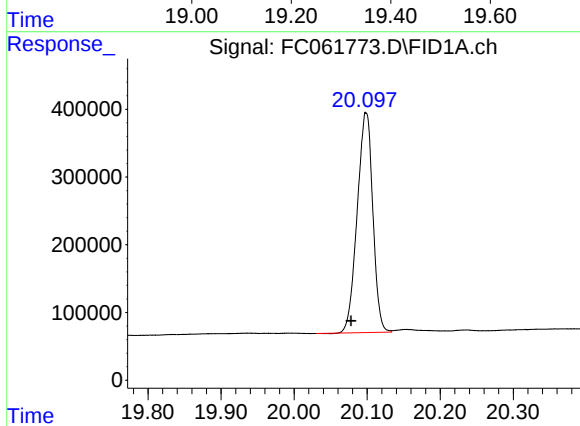
#18 n-Dotriacontane (C32)

R.T.: 18.575 min
Delta R.T.: 0.019 min
Response: 5150572
Conc: 34.06 ug/ml



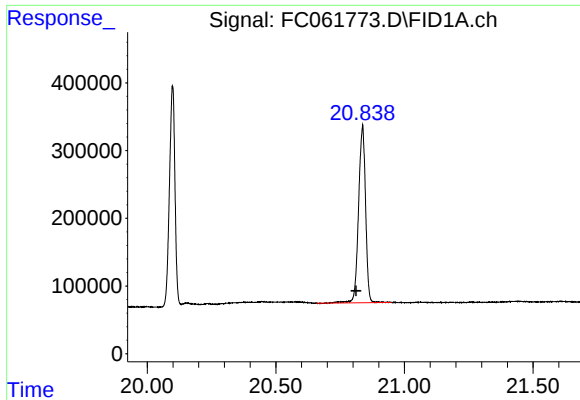
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: 0.018 min
Response: 5074474
Conc: 35.79 ug/ml



#20 n-Hexatriacontane (C36)

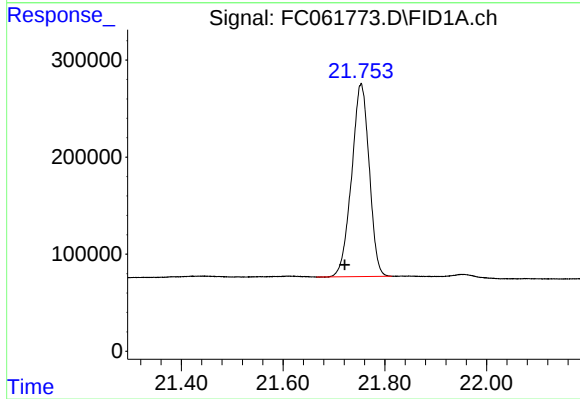
R.T.: 20.098 min
Delta R.T.: 0.020 min
Response: 4820428
Conc: 34.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: 0.025 min
Response: 4964856
Conc: 38.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PB148289BSD



#22 n-Tetracontane (C40)

R.T.: 21.753 min
Delta R.T.: 0.032 min
Response: 4768827
Conc: 39.02 ug/ml