

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051425AL\
 Data File : FC068871.D
 Signal(s) : FID1A.ch
 Acq On : 14 May 2025 17:59
 Operator : YP/AJ
 Sample : PB167999BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167999BSD

Integration File: autoint1.e
 Quant Time: May 15 05:17:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.708	4576788	40.098 ug/ml
Spiked Amount 50.000		Recovery =	80.20%
12) S 1-chlorooctadecane (S...	13.140	3556597	44.332 ug/ml
Spiked Amount 50.000		Recovery =	88.66%
Target Compounds			
1) T n-Nonane (C9)	3.453	6016681	59.820 ug/ml
2) T n-Decane (C10)	4.523	6307158	63.298 ug/ml
3) T A~Naphthalene (C11.7)	6.115	7180524	65.123 ug/ml
4) T n-Dodecane (C12)	6.542	6253579	64.352 ug/ml
5) T A~2-methylnaphthalene...	7.172	6442344	60.022 ug/ml
6) T n-Tetradecane (C14)	8.341	6130105	66.325 ug/ml
7) T n-Hexadecane (C16)	9.942	5962960	66.592 ug/ml
8) T n-Octadecane (C18)	11.385	5843213	66.614 ug/ml
10) T n-Eicosane (C20)	12.696	5922445	69.497 ug/ml
11) T n-Heneicosane (C21)	13.308	5649183	66.977 ug/ml
13) T n-Docosane (C22)	13.896	5594352	66.872 ug/ml
14) T n-Tetracosane (C24)	14.993	11489045	138.078 ug/ml
15) T n-Hexacosane (C26)	16.022	5439369	65.650 ug/ml
16) T n-Octacosane (C28)	16.971	5467669	66.158 ug/ml
17) T n-Tricontane (C30)	17.862	5425136	64.117 ug/ml
18) T n-Dotriacontane (C32)	18.693	5375978	62.413 ug/ml
19) T n-Tetratriacontane (C34)	19.477	5436226	63.805 ug/ml
20) T n-Hexatriacontane (C36)	20.219	5216977	60.699 ug/ml
21) T n-Octatriacontane (C38)	20.993	5171510	61.651 ug/ml
22) T n-Tetracontane (C40)	21.968	5140430	62.722 ug/ml

(f)=RT Delta > 1/2 Window

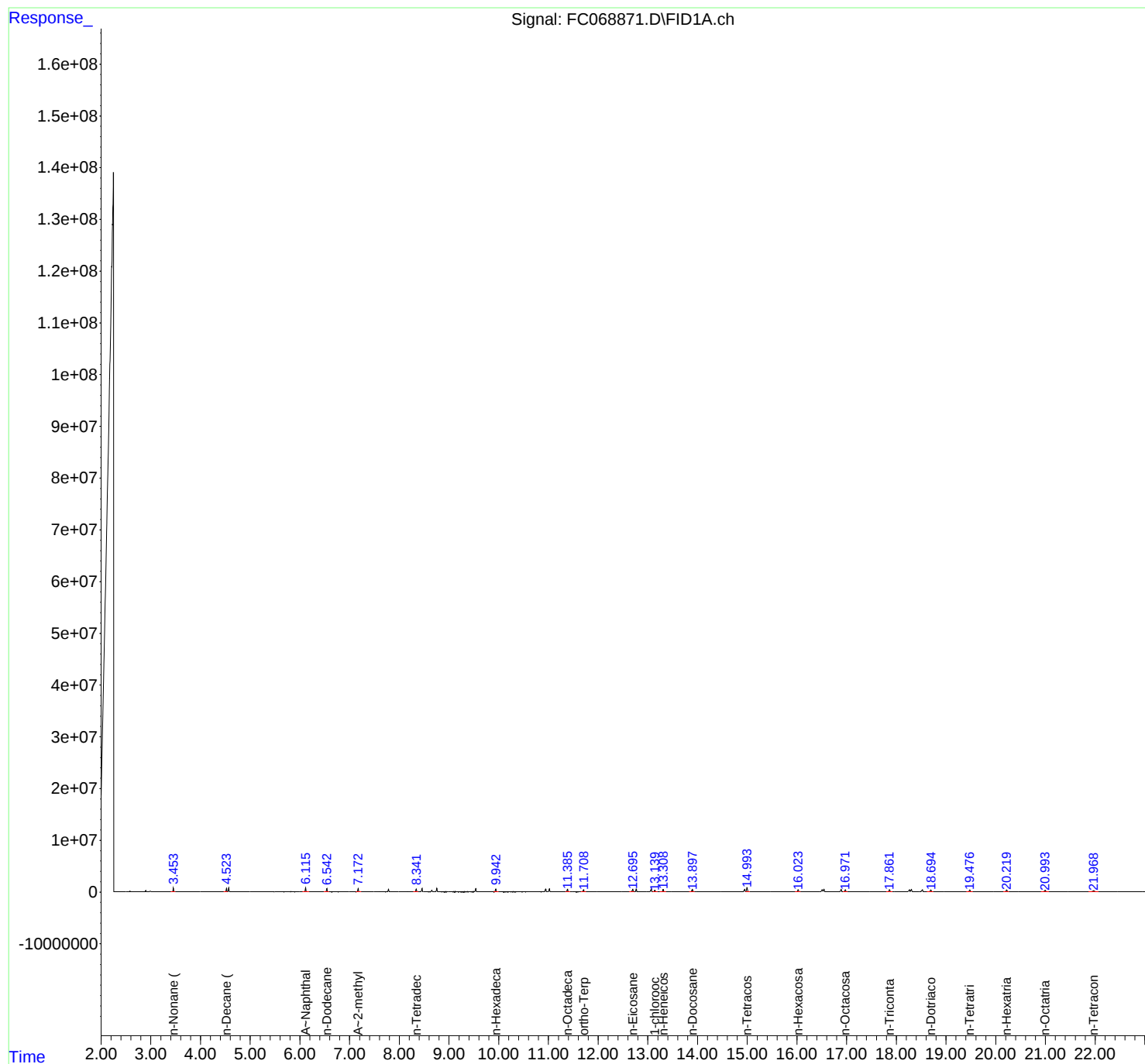
(m)=manual int.

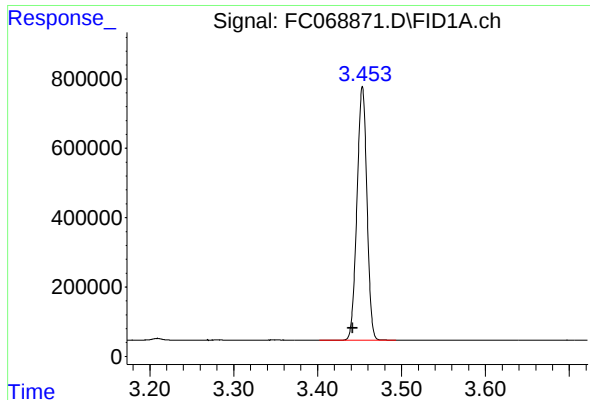
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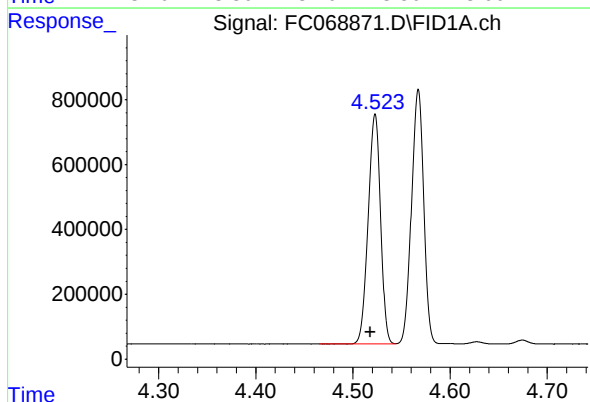




#1 n-Nonane (C9)

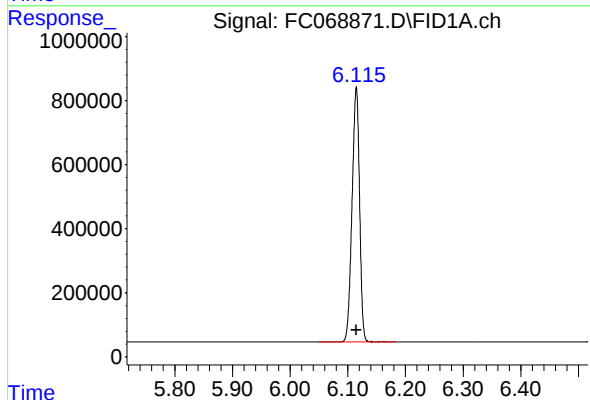
R.T.: 3.453 min
Delta R.T.: 0.011 min
Response: 6016681
Conc: 59.82 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167999BSD



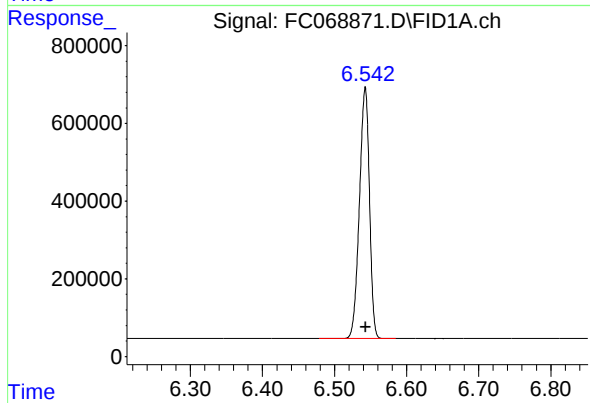
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.005 min
Response: 6307158
Conc: 63.30 ug/ml



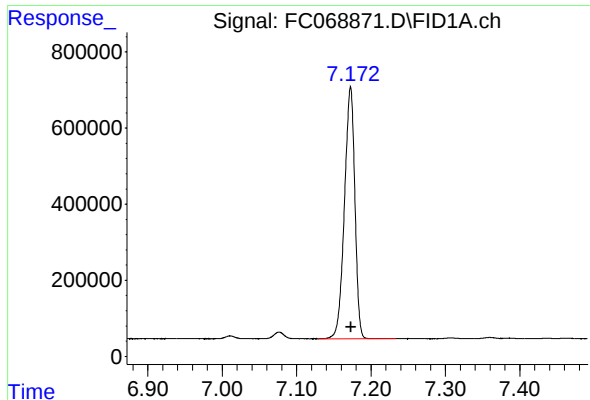
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 7180524
Conc: 65.12 ug/ml



#4 n-Dodecane (C12)

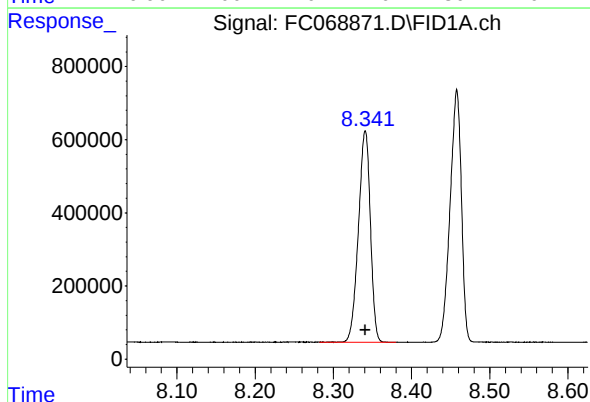
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 6253579
Conc: 64.35 ug/ml



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

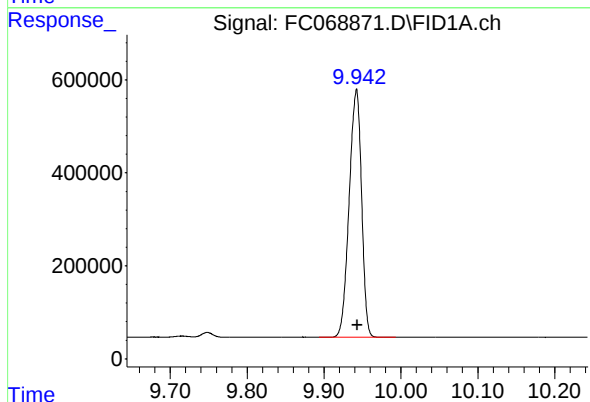
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 6442344
Conc: 60.02 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167999BSD



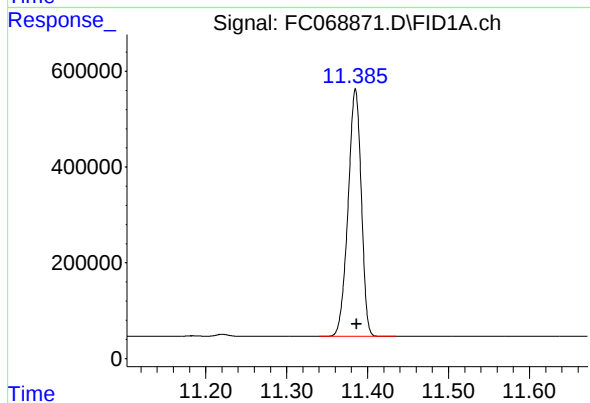
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 6130105
Conc: 66.33 ug/ml



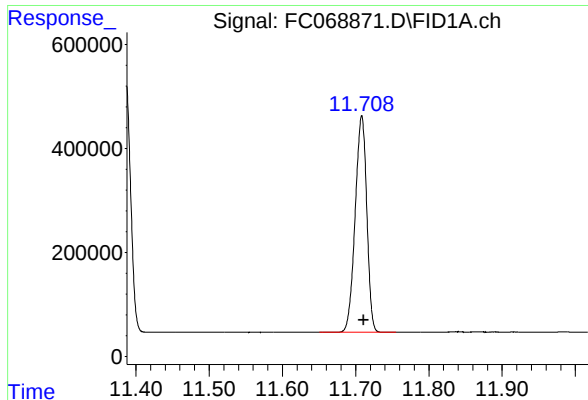
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.002 min
Response: 5962960
Conc: 66.59 ug/ml



#8 n-Octadecane (C18)

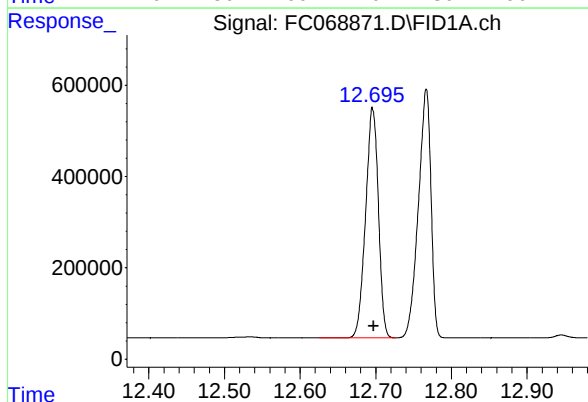
R.T.: 11.385 min
Delta R.T.: -0.001 min
Response: 5843213
Conc: 66.61 ug/ml



#9 ortho-Terphenyl (SURR)

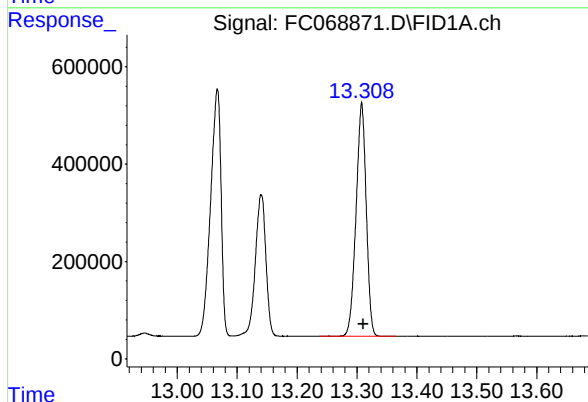
R.T.: 11.708 min
Delta R.T.: -0.003 min
Response: 4576788
Conc: 40.10 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167999BSD



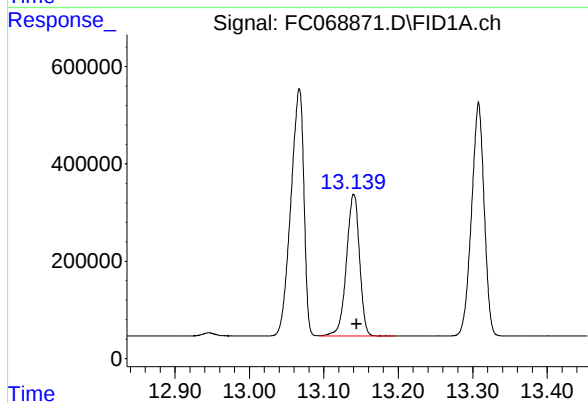
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.001 min
Response: 5922445
Conc: 69.50 ug/ml



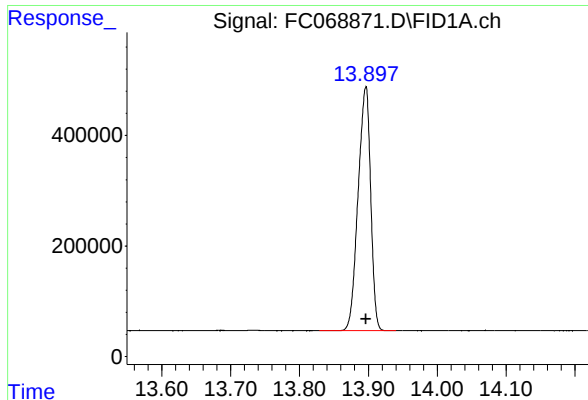
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.002 min
Response: 5649183
Conc: 66.98 ug/ml



#12 1-chlorooctadecane (SURR)

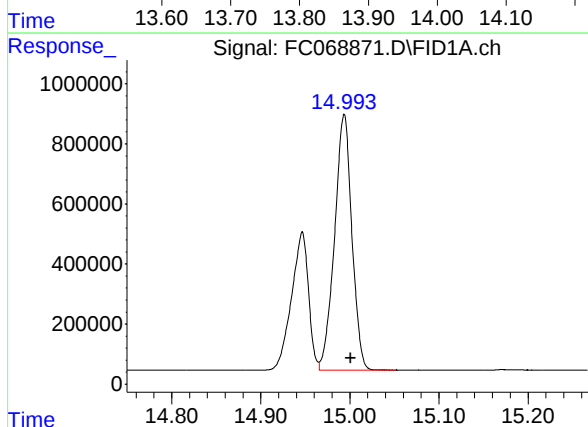
R.T.: 13.140 min
Delta R.T.: -0.004 min
Response: 3556597
Conc: 44.33 ug/ml



#13 n-Docosane (C22)

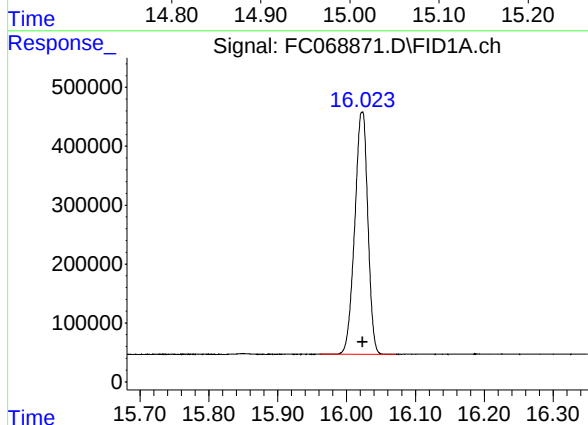
R.T.: 13.896 min
Delta R.T.: 0.000 min
Response: 5594352
Conc: 66.87 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167999BSD



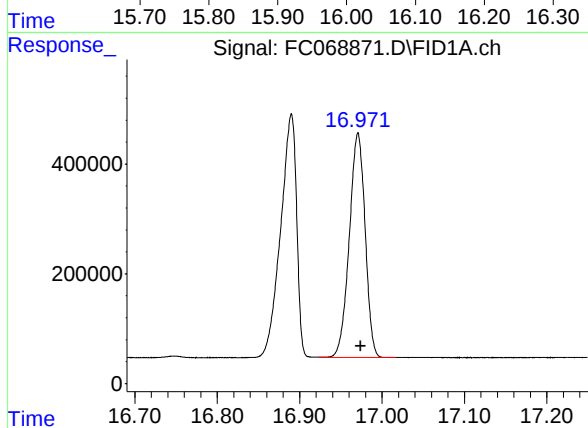
#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: -0.007 min
Response: 11489045
Conc: 138.08 ug/ml



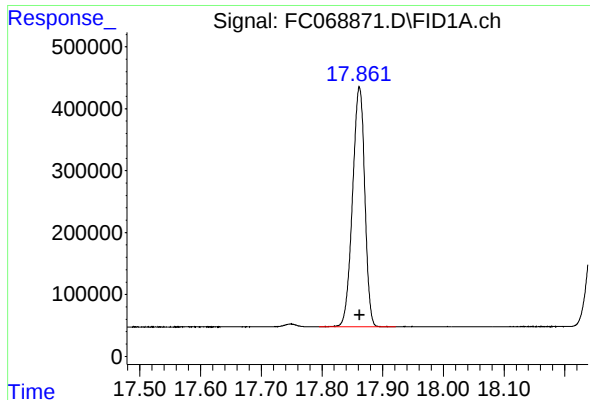
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 5439369
Conc: 65.65 ug/ml



#16 n-Octacosane (C28)

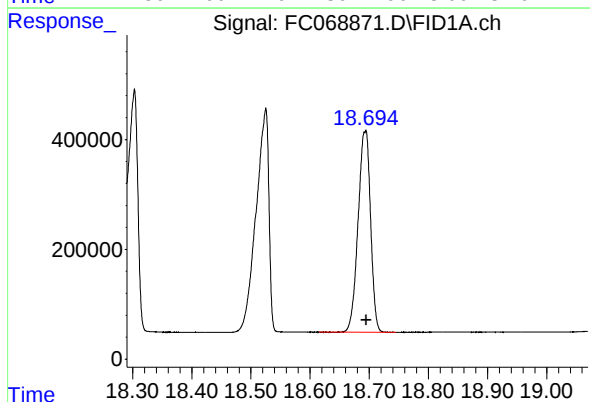
R.T.: 16.971 min
Delta R.T.: -0.003 min
Response: 5467669
Conc: 66.16 ug/ml



#17 n-Tricontane (C30)

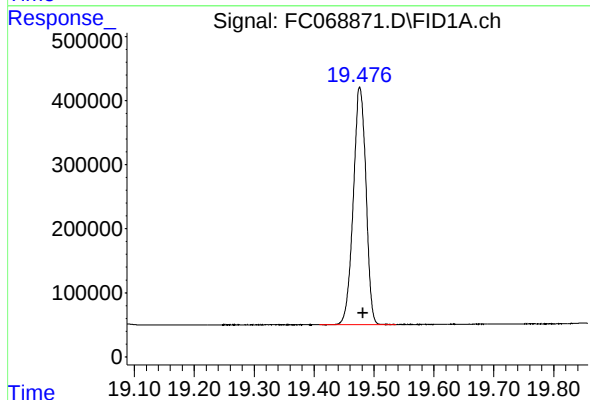
R.T.: 17.862 min
Delta R.T.: 0.000 min
Response: 5425136
Conc: 64.12 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167999BSD



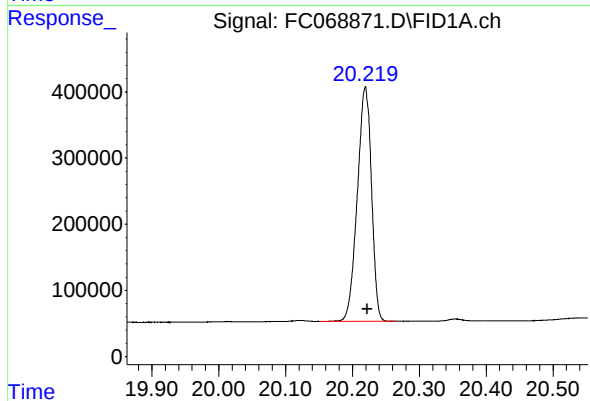
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: -0.002 min
Response: 5375978
Conc: 62.41 ug/ml



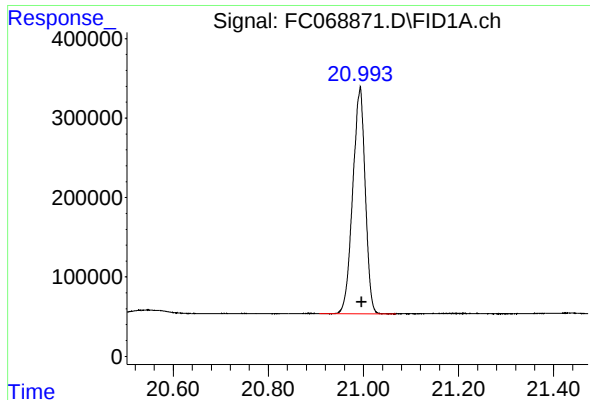
#19 n-Tetratriacontane (C34)

R.T.: 19.477 min
Delta R.T.: -0.005 min
Response: 5436226
Conc: 63.81 ug/ml



#20 n-Hexatriacontane (C36)

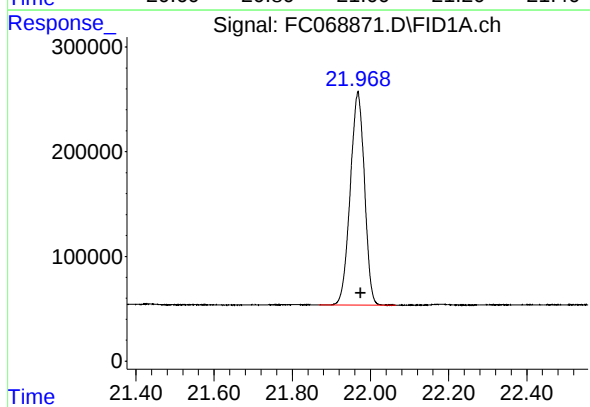
R.T.: 20.219 min
Delta R.T.: -0.003 min
Response: 5216977
Conc: 60.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.993 min
Delta R.T.: -0.004 min
Response: 5171510
Conc: 61.65 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167999BSD



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.008 min
Response: 5140430
Conc: 62.72 ug/ml