

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050925AL\
 Data File : FC068817.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2025 17:41
 Operator : YP/AJ
 Sample : Q1983-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-636-04MS

Integration File: autoint1.e
 Quant Time: May 09 23:08:12 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)	11.711	4216078	36.938 ug/ml
Spiked Amount 50.000		Recovery =	73.88%
12) S 1-chlorooctadecane (S...	13.144	3303865	41.182 ug/ml
Spiked Amount 50.000		Recovery =	82.36%
Target Compounds			
1) T n-Nonane (C9)	3.442	3063157	30.455 ug/ml
2) T n-Decane (C10)	4.519	3619092	36.321 ug/ml
3) T A~Naphthalene (C11.7)	6.116	4498399	40.797 ug/ml
4) T n-Dodecane (C12)	6.544	3969617	40.849 ug/ml
5) T A~2-methylnaphthalene...	7.174	4241738	39.520 ug/ml
6) T n-Tetradecane (C14)	8.342	4294411	46.464 ug/ml
7) T n-Hexadecane (C16)	9.944	4645426	51.879 ug/ml
8) T n-Octadecane (C18)	11.388	4821985	54.971 ug/ml
10) T n-Eicosane (C20)	12.699	5000320	58.677 ug/ml
11) T n-Heneicosane (C21)	13.311	4780661	56.680 ug/ml
13) T n-Docosane (C22)	13.898	4762074	56.923 ug/ml
14) T n-Tetracosane (C24)	14.995	9834032	118.188 ug/ml
15) T n-Hexacosane (C26)	16.026	4641241	56.017 ug/ml
16) T n-Octacosane (C28)	16.975	4683675	56.672 ug/ml
17) T n-Tricontane (C30)	17.865	4684262	55.361 ug/ml
18) T n-Dotriacontane (C32)	18.699	4673753	54.260 ug/ml
19) T n-Tetratriacontane (C34)	19.482	4719774	55.396 ug/ml
20) T n-Hexatriacontane (C36)	20.222	4538798	52.808 ug/ml
21) T n-Octatriacontane (C38)	20.997	4527017	53.968 ug/ml
22) T n-Tetracontane (C40)	21.978	4484260	54.716 ug/ml

(f)=RT Delta > 1/2 Window

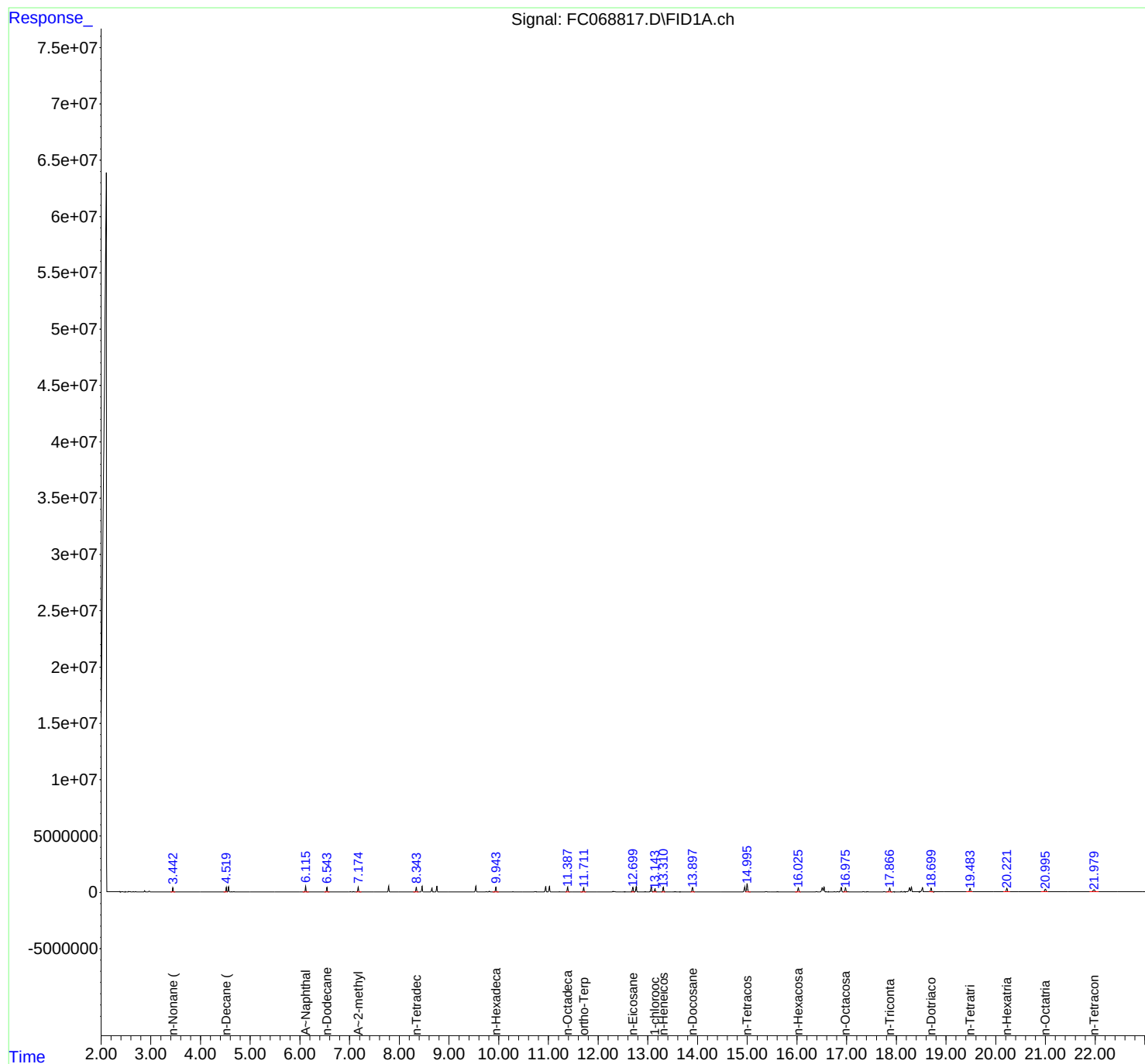
(m)=manual int.

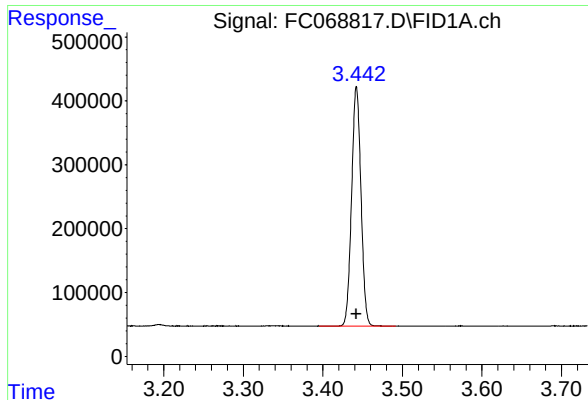
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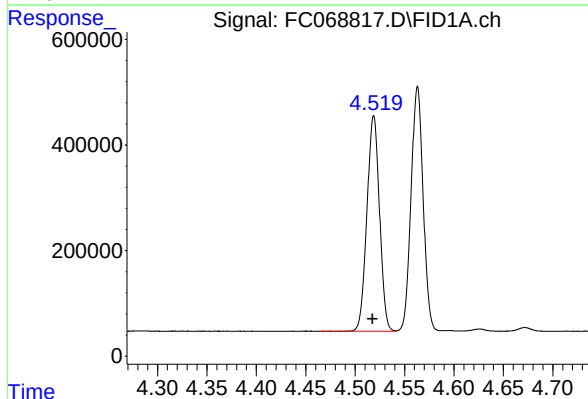




#1 n-Nonane (C9)

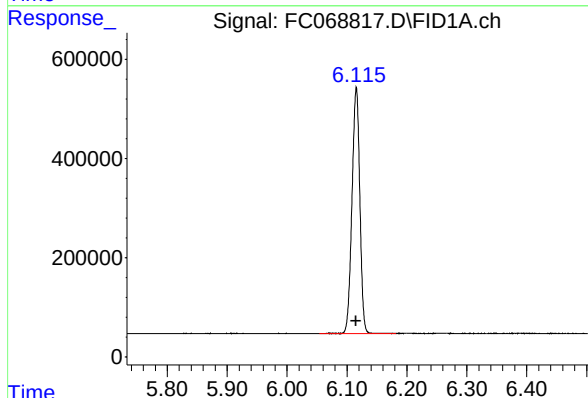
R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 3063157
Conc: 30.45 ug/ml

Instrument :
FID_C
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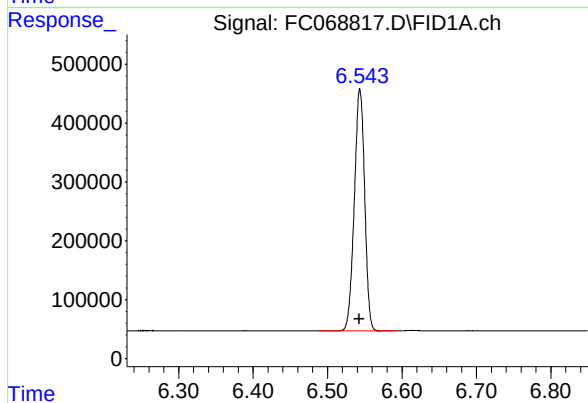
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.001 min
Response: 3619092
Conc: 36.32 ug/ml



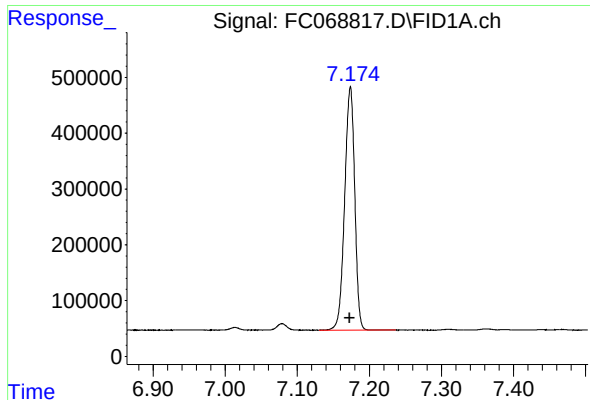
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 4498399
Conc: 40.80 ug/ml



#4 n-Dodecane (C12)

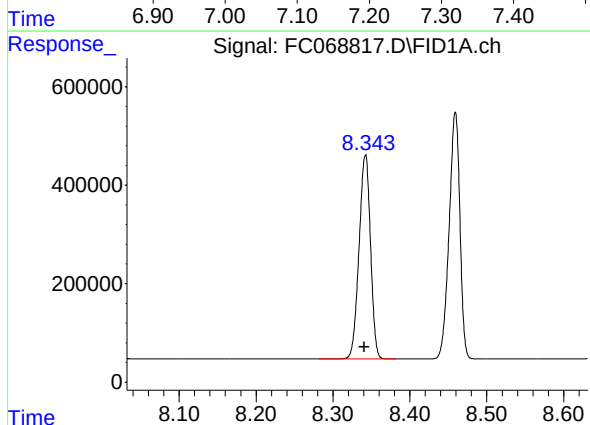
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 3969617
Conc: 40.85 ug/ml



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

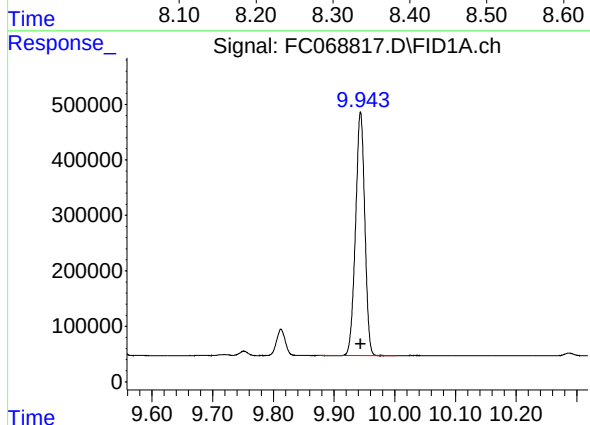
R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 4241738
Conc: 39.52 ug/ml

Instrument :
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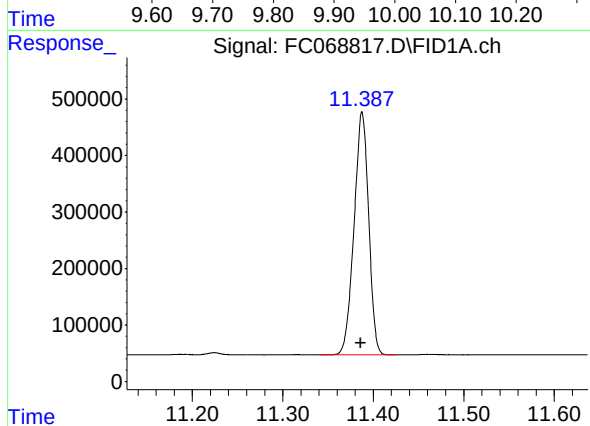
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.001 min
Response: 4294411
Conc: 46.46 ug/ml



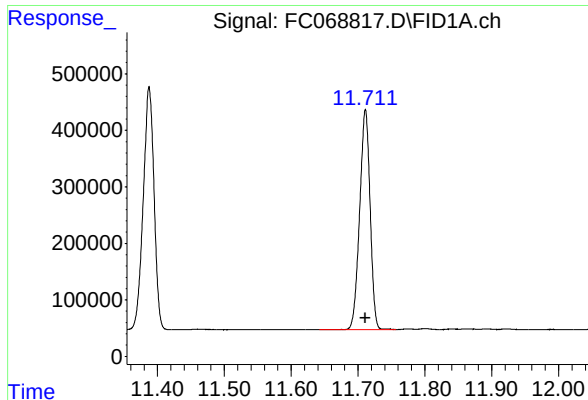
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.000 min
Response: 4645426
Conc: 51.88 ug/ml



#8 n-Octadecane (C18)

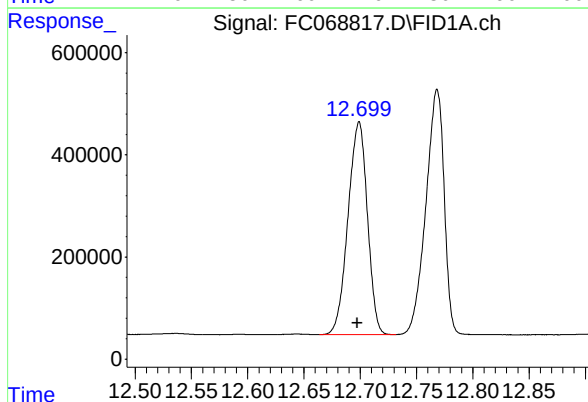
R.T.: 11.388 min
Delta R.T.: 0.001 min
Response: 4821985
Conc: 54.97 ug/ml



#9 ortho-Terphenyl (SURR)

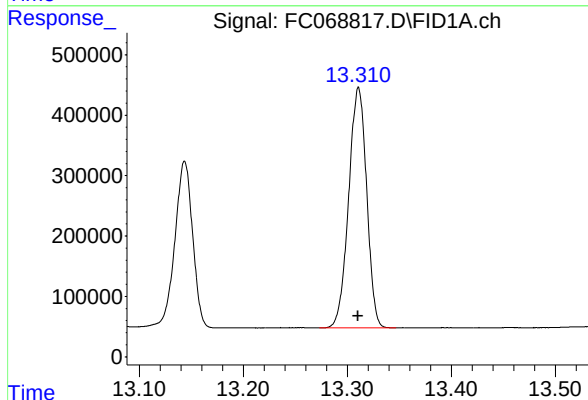
R.T.: 11.711 min
Delta R.T.: 0.000 min
Response: 4216078
Conc: 36.94 ug/ml

Instrument :
FID_C
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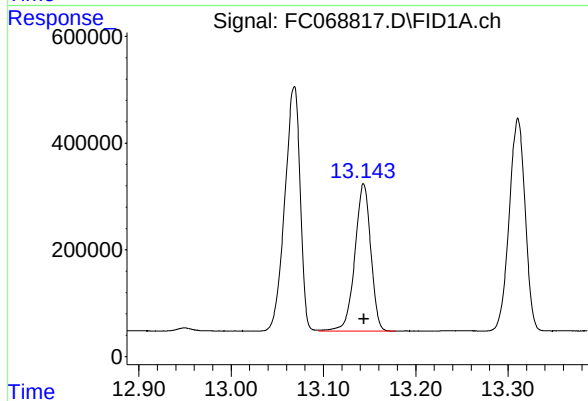
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: 0.001 min
Response: 5000320
Conc: 58.68 ug/ml



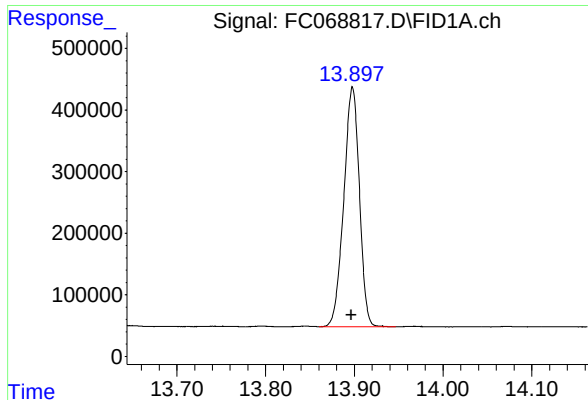
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 4780661
Conc: 56.68 ug/ml



#12 1-chlorooctadecane (SURR)

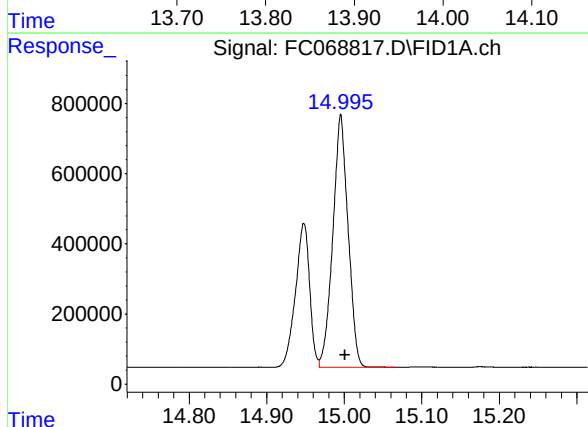
R.T.: 13.144 min
Delta R.T.: 0.000 min
Response: 3303865
Conc: 41.18 ug/ml



#13 n-Docosane (C22)

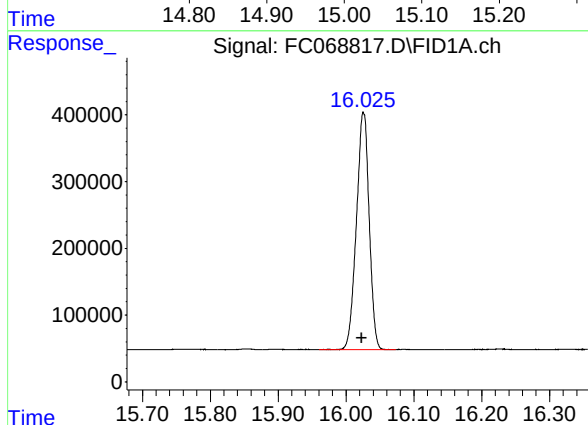
R.T.: 13.898 min
Delta R.T.: 0.001 min
Response: 4762074
Conc: 56.92 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-636-04MS



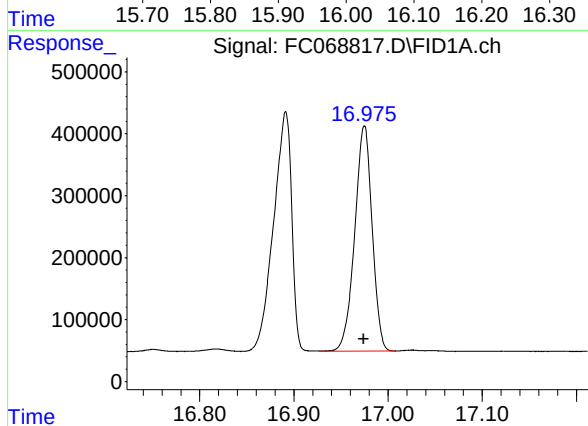
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.005 min
Response: 9834032
Conc: 118.19 ug/ml



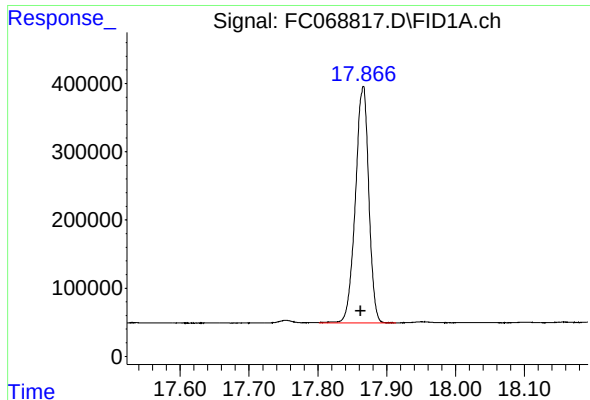
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 4641241
Conc: 56.02 ug/ml



#16 n-Octacosane (C28)

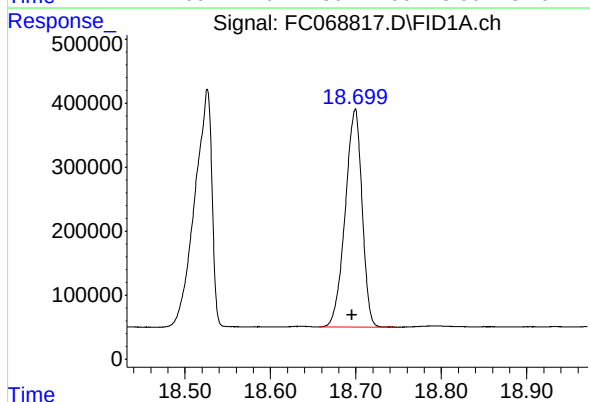
R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 4683675
Conc: 56.67 ug/ml



#17 n-Tricontane (C30)

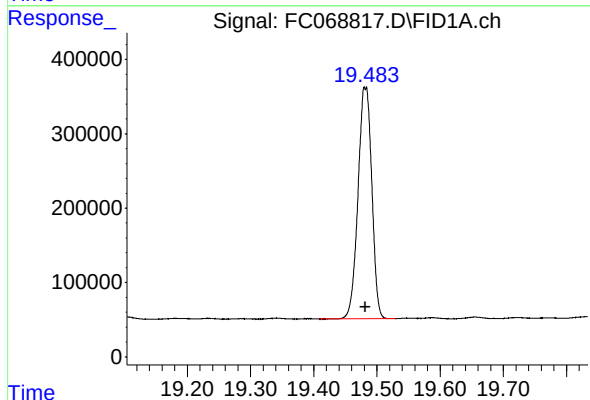
R.T.: 17.865 min
Delta R.T.: 0.003 min
Response: 4684262
Conc: 55.36 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-636-04MS



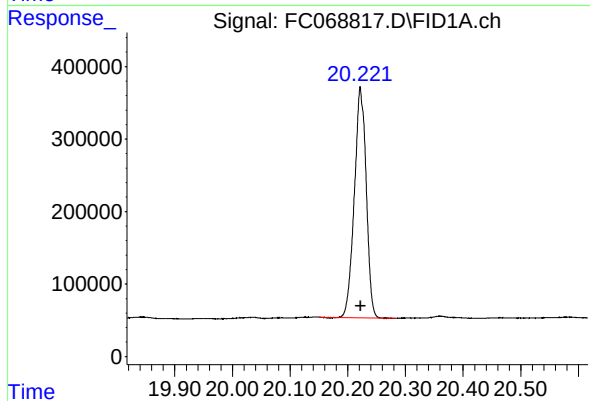
#18 n-Dotriacontane (C32)

R.T.: 18.699 min
Delta R.T.: 0.003 min
Response: 4673753
Conc: 54.26 ug/ml



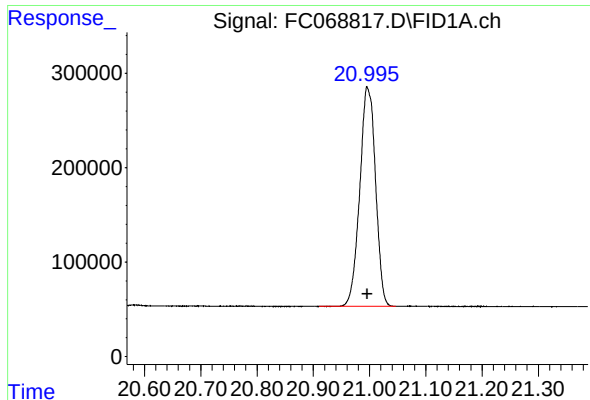
#19 n-Tetatriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.000 min
Response: 4719774
Conc: 55.40 ug/ml



#20 n-Hexatriacontane (C36)

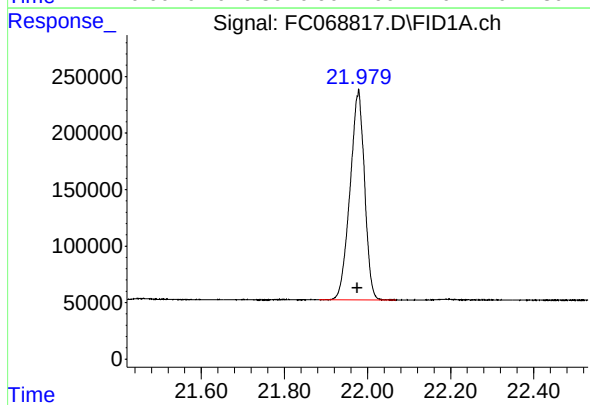
R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 4538798
Conc: 52.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: 0.000 min
Response: 4527017
Conc: 53.97 ug/ml

Instrument :
FID_C
ClientSampleId :
OR-636-04MS



#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: 0.002 min
Response: 4484260
Conc: 54.72 ug/ml