

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111219AL\
 Data File : FC044502.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2019 18:07
 Operator : DD\AJ
 Sample : K5782-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 11/13/2019 9:44:22 AM

Integration File: autoint1.e
 Quant Time: Nov 13 01:12:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.725	4583527	31.445 ug/ml
Spiked Amount 50.000		Recovery =	62.89%
12) S 1-chlorooctadecane (S...	13.155	3938353	35.222 ug/ml
Spiked Amount 50.000		Recovery =	70.44%
Target Compounds			
1) T n-Nonane (C9)	3.455	3213080	29.168 ug/ml
2) T n-Decane (C10)	4.531	3891977	35.041 ug/ml
3) T A-Naphthalene (C11.7)	6.132	4801382	38.590 ug/ml
4) T n-Dodecane (C12)	6.555	4308758	38.312 ug/ml
5) T A~2-methylnaphthalene...	7.192	4968677	39.402 ug/ml
6) T n-Tetradecane (C14)	8.355	4748357	41.970 ug/ml
7) T n-Hexadecane (C16)	9.954	4931602	43.160 ug/ml
8) T n-Octadecane (C18)	11.398	4812443	42.033 ug/ml
10) T n-Eicosane (C20)	12.709	4670513	40.952 ug/ml
11) T n-Heneicosane (C21)	13.320	4594492	40.056 ug/ml
13) T n-Docosane (C22)	13.906	4506643	39.686 ug/ml
14) T n-Tetracosane (C24)	15.013	8848788	78.251 ug/ml
15) T n-Hexacosane (C26)	16.035	4273202	38.622 ug/ml
16) T n-Octacosane (C28)	16.982	4231784	39.065 ug/ml
17) T n-Tricontane (C30)	17.874	4215344	39.830 ug/ml
18) T n-Dotriacontane (C32)	18.705	4048492	40.199 ug/ml
19) T n-Tetratriacontane (C34)	19.489	3578864	38.168 ug/ml
20) T n-Hexatriacontane (C36)	20.228	2667038	30.723 ug/mlm
21) T n-Octatriacontane (C38)	20.997	2138484	26.519 ug/mlm
22) T n-Tetracontane (C40)	21.963	2056927	24.334 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : K5782-04MSD
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ALS Vial : 9 Sample Multiplier: 1

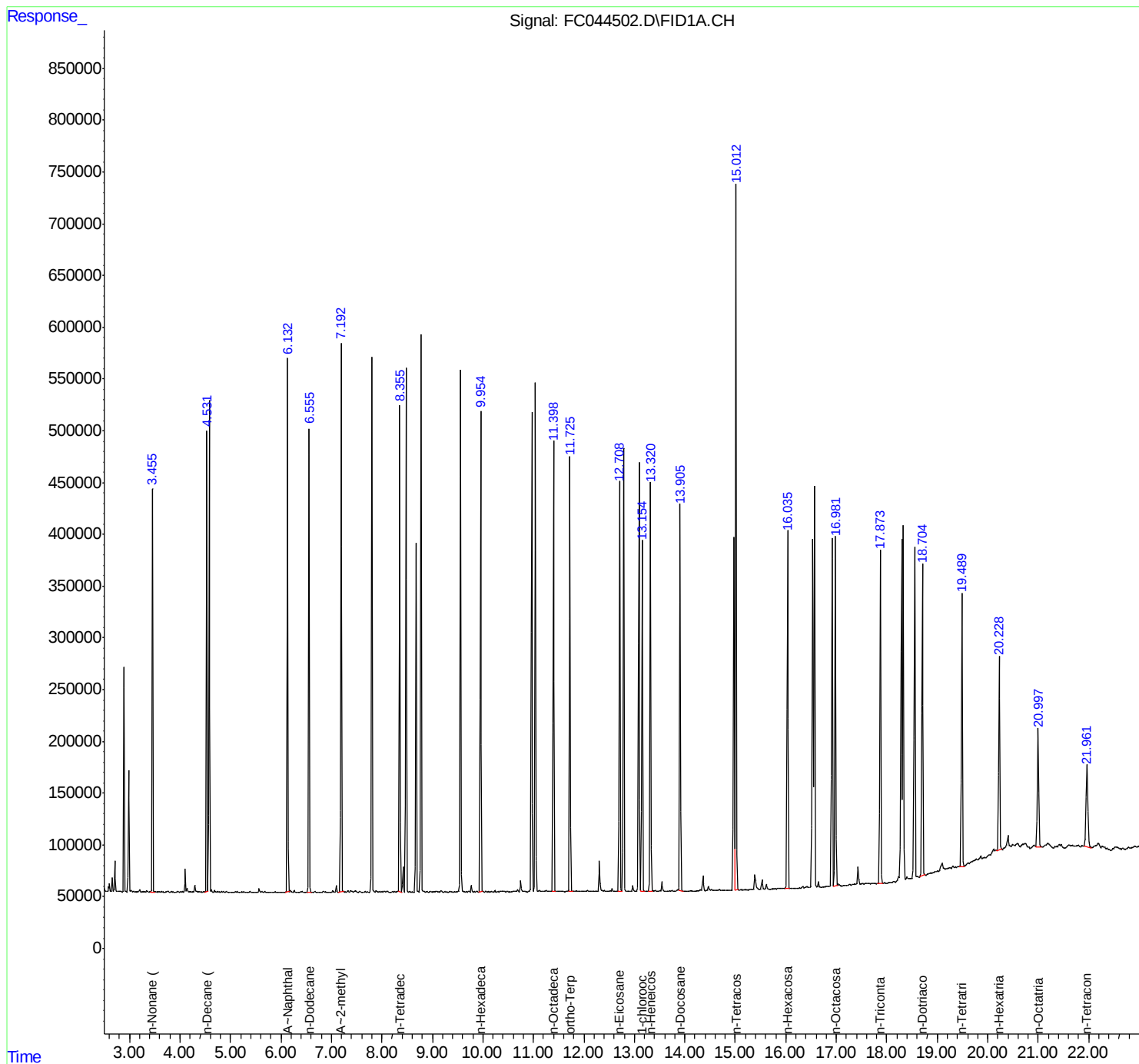
Instrument :
FID_C
ClientSampled :

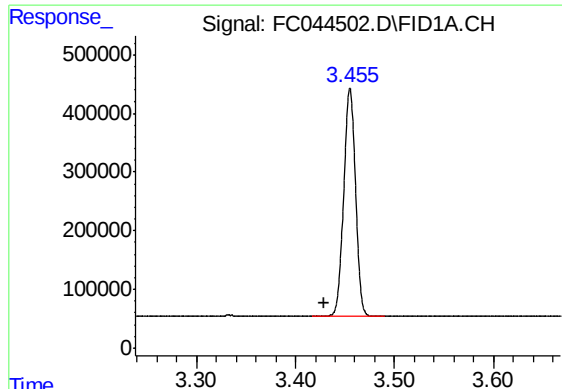
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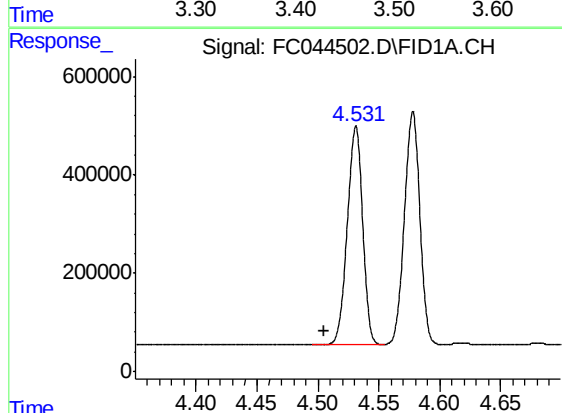
#1 n-Nonane (C9)

R.T.: 3.455 min
Delta R.T.: 0.026 min
Response: 3213080
Conc: 29.17 ug/ml

Instrument :
FID_C
ClientSampleId :

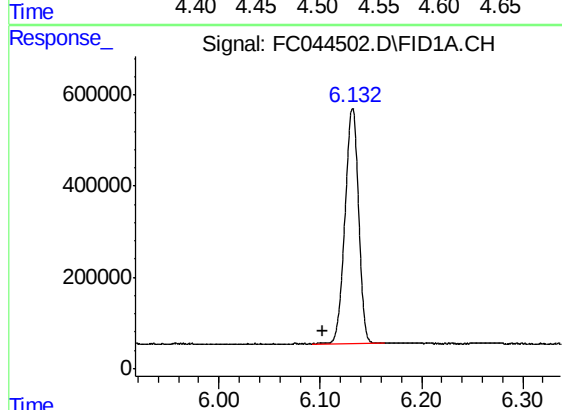
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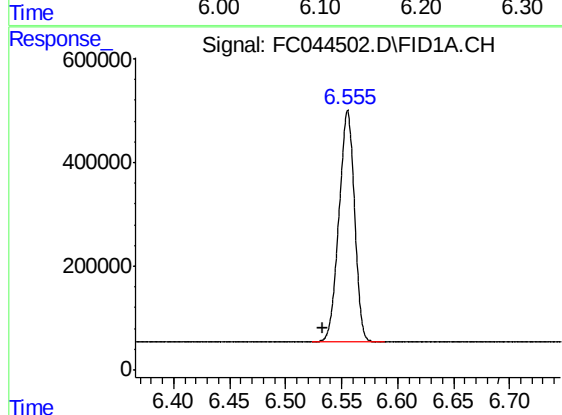
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.026 min
Response: 3891977
Conc: 35.04 ug/ml



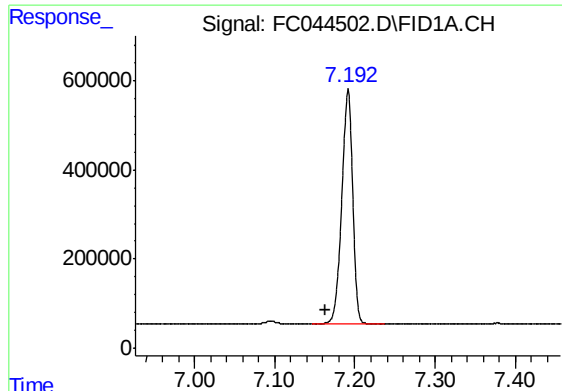
#3 A-Naphthalene (C11.7)

R.T.: 6.132 min
Delta R.T.: 0.030 min
Response: 4801382
Conc: 38.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: 0.022 min
Response: 4308758
Conc: 38.31 ug/ml



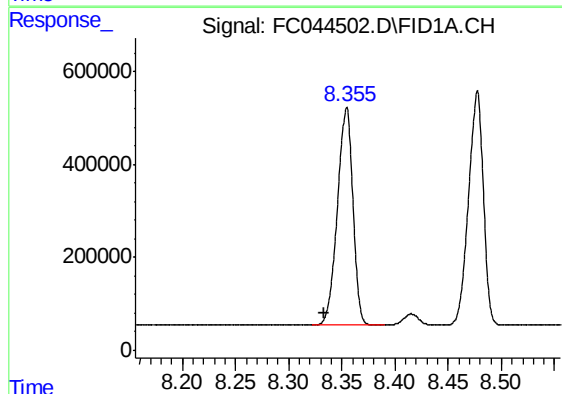
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.192 min
Delta R.T.: 0.029 min
Response: 4968677
Conc: 39.40 ug/ml

Instrument :
FID_C
ClientSampleId :

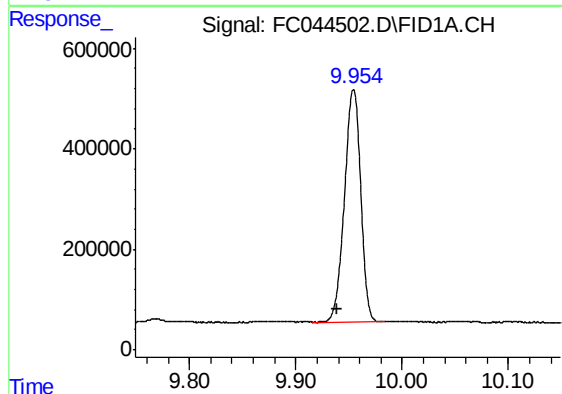
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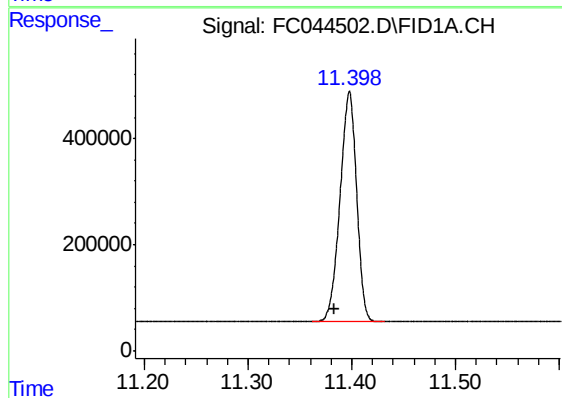
#6 n-Tetradecane (C14)

R.T.: 8.355 min
Delta R.T.: 0.022 min
Response: 4748357
Conc: 41.97 ug/ml



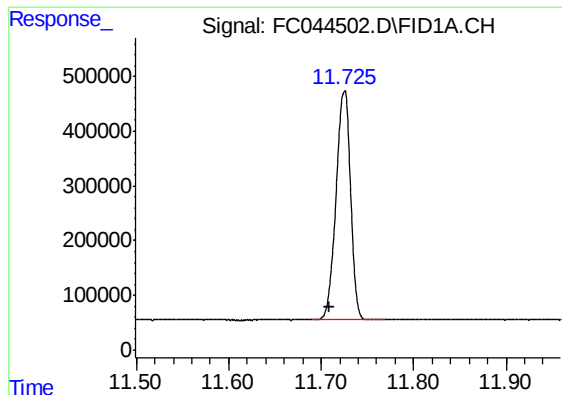
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.016 min
Response: 4931602
Conc: 43.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.398 min
Delta R.T.: 0.015 min
Response: 4812443
Conc: 42.03 ug/ml



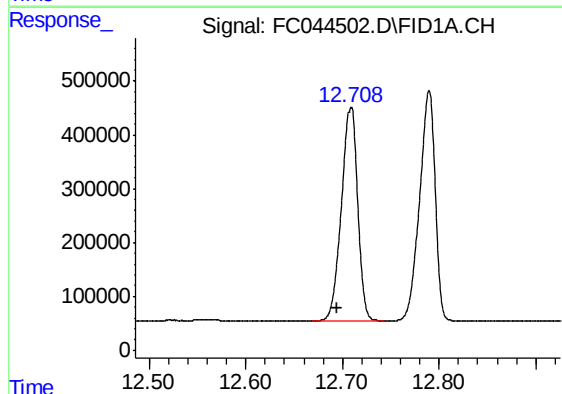
#9 ortho-Terphenyl (SURR)

R.T.: 11.725 min
Delta R.T.: 0.017 min
Response: 4583527
Conc: 31.45 ug/ml

Instrument :
FID_C
ClientSampleId :

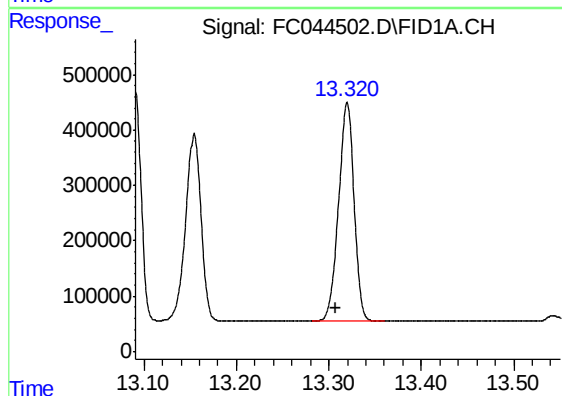
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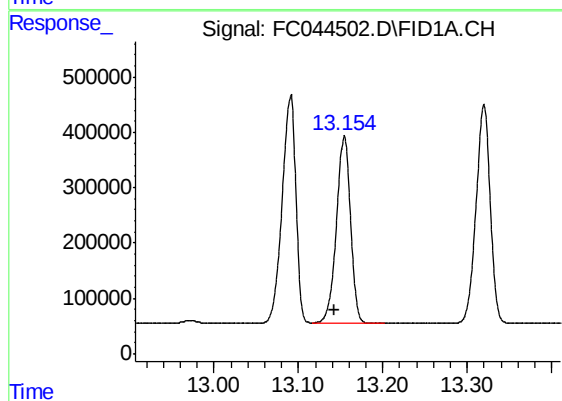
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: 0.014 min
Response: 4670513
Conc: 40.95 ug/ml



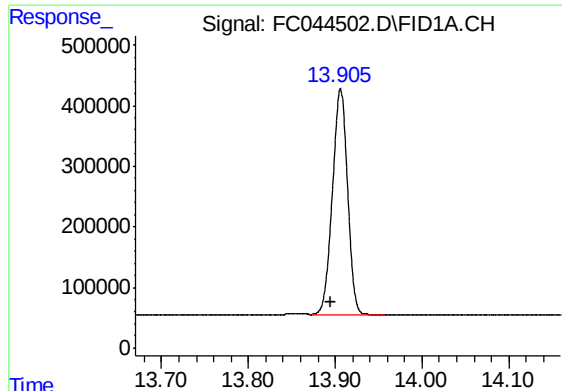
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: 0.012 min
Response: 4594492
Conc: 40.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.155 min
Delta R.T.: 0.012 min
Response: 3938353
Conc: 35.22 ug/ml



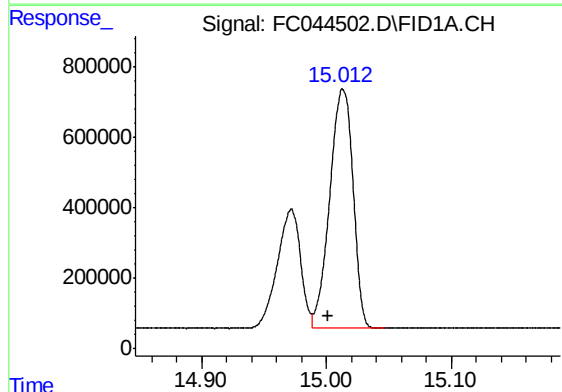
#13 n-Docosane (C22)

R.T.: 13.906 min
Delta R.T.: 0.011 min
Response: 4506643
Conc: 39.69 ug/ml

Instrument :
FID_C
ClientSampleId :

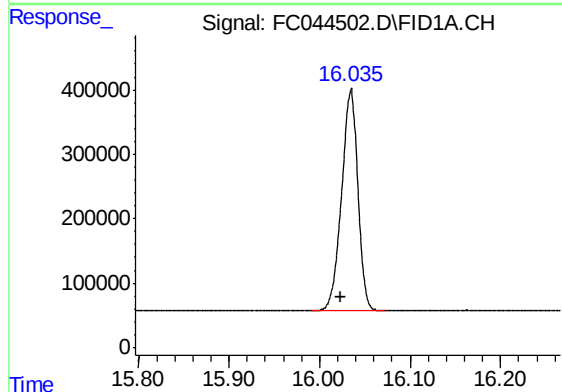
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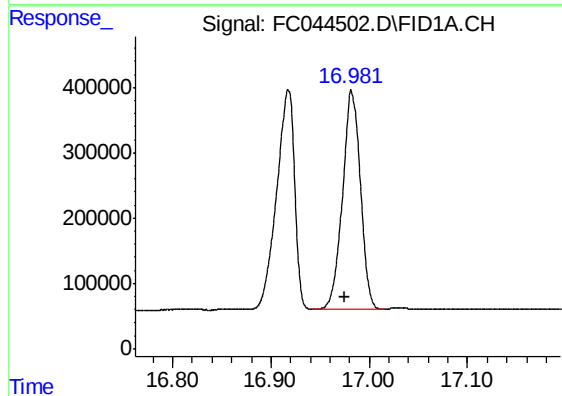
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.012 min
Response: 8848788
Conc: 78.25 ug/ml



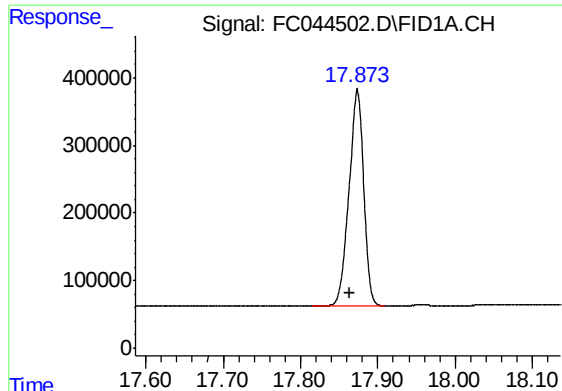
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.011 min
Response: 4273202
Conc: 38.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.982 min
Delta R.T.: 0.008 min
Response: 4231784
Conc: 39.06 ug/ml



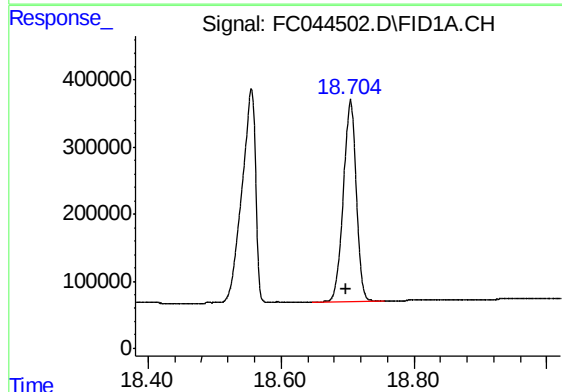
#17 n-Tricontane (C30)

R.T.: 17.874 min
Delta R.T.: 0.009 min
Response: 4215344
Conc: 39.83 ug/ml

Instrument :
FID_C
ClientSampleId :

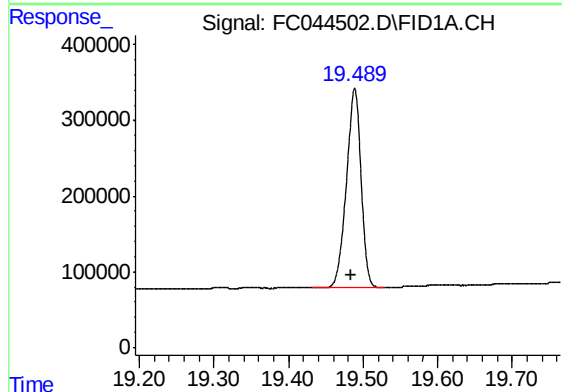
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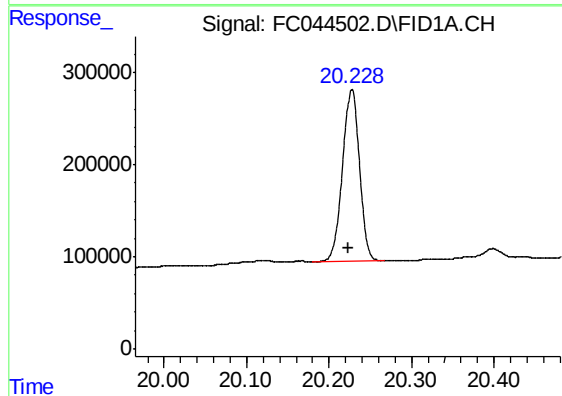
#18 n-Dotriacontane (C32)

R.T.: 18.705 min
Delta R.T.: 0.006 min
Response: 4048492
Conc: 40.20 ug/ml



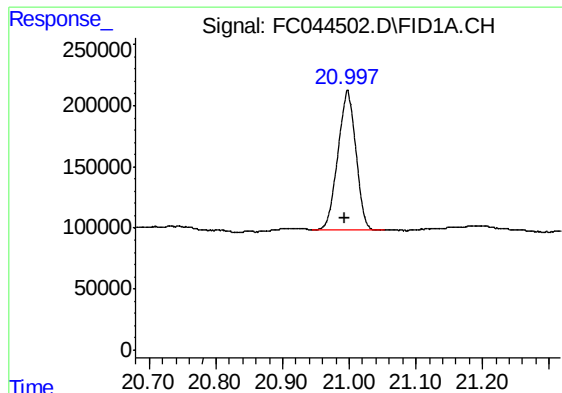
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: 0.005 min
Response: 3578864
Conc: 38.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.228 min
Delta R.T.: 0.005 min
Response: 2667038
Conc: 30.72 ug/ml m



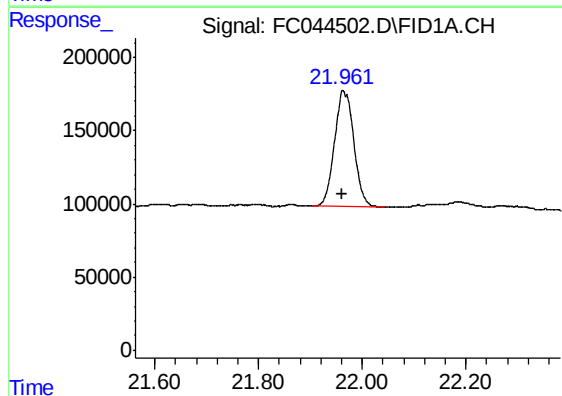
#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: 0.003 min
Response: 2138484
Conc: 26.52 ug/ml m

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: 0.001 min
Response: 2056927
Conc: 24.33 ug/ml