

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052623AL\
 Data File : FE042253.D
 Signal(s) : FID1B.ch
 Acq On : 26 May 2023 16:02
 Operator : YP\AJ
 Sample : PB153073BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB153073BSD

Integration File: autoint1.e
 Quant Time: May 27 00:27:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.966	8249026	46.716 ug/ml
Spiked Amount 50.000		Recovery =	93.43%
12) S 1-chlorooctadecane (S...	13.400	6525485	49.109 ug/ml
Spiked Amount 50.000		Recovery =	98.22%
Target Compounds			
1) T n-Nonane (C9)	3.354	5907175	40.966 ug/ml
2) T n-Decane (C10)	4.602	6094280	41.167 ug/ml
3) T A~Naphthalene (C11.7)	6.305	6717197	41.169 ug/ml
4) T n-Dodecane (C12)	6.765	6318182	42.134 ug/ml
5) T A~2-methylnaphthalene...	7.401	6519520	41.080 ug/ml
6) T n-Tetradecane (C14)	8.595	6754744	45.090 ug/ml
7) T n-Hexadecane (C16)	10.201	7690913	49.373 ug/ml
8) T n-Octadecane (C18)	11.645	7844415	49.606 ug/ml
10) T n-Eicosane (C20)	12.955	7818533	51.579 ug/ml
11) T n-Heneicosane (C21)	13.567	7458940	50.346 ug/ml
13) T n-Docosane (C22)	14.152	7324855	49.966 ug/ml
14) T n-Tetracosane (C24)	15.248	13936869	96.545 ug/ml
15) T n-Hexacosane (C26)	16.279	6866068	49.575 ug/ml
16) T n-Octacosane (C28)	17.226	6749622	50.414 ug/ml
17) T n-Tricontane (C30)	18.115	6610750	48.972 ug/ml
18) T n-Dotriacontane (C32)	18.947	6423289	48.082 ug/ml
19) T n-Tetratriacontane (C34)	19.729	6456839	49.097 ug/ml
20) T n-Hexatriacontane (C36)	20.470	6230210	47.935 ug/ml
21) T n-Octatriacontane (C38)	21.219	6409761	47.244 ug/ml
22) T n-Tetracontane (C40)	22.155	6561923	47.168 ug/ml

(f)=RT Delta > 1/2 Window

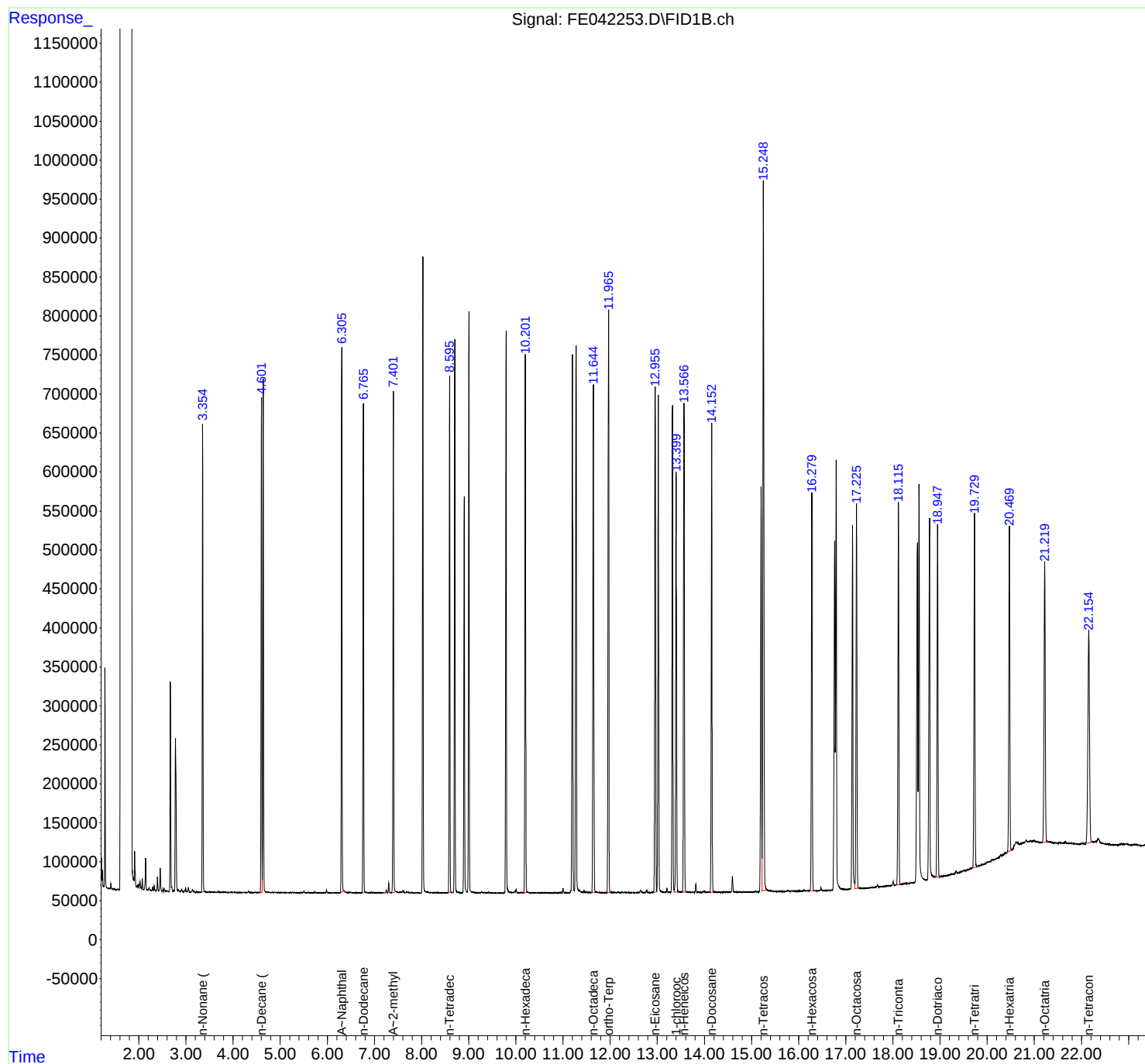
(m)=manual int.

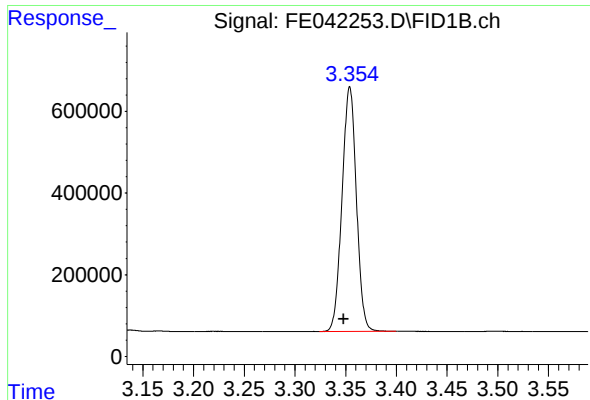
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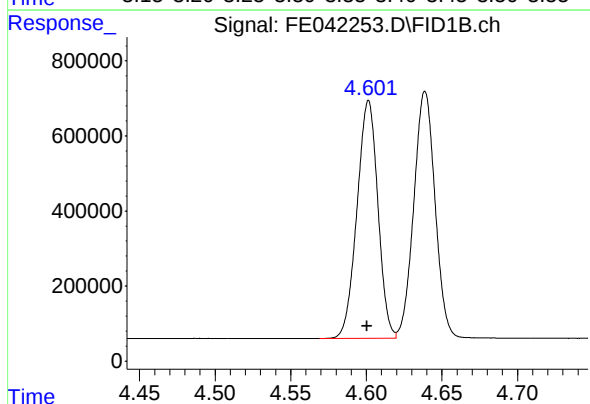




#1 n-Nonane (C9)

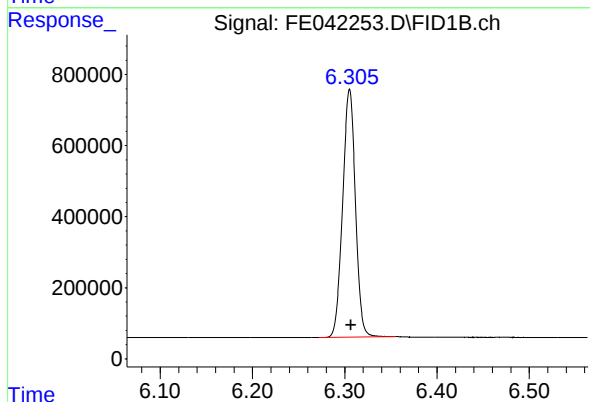
R.T.: 3.354 min
Delta R.T.: 0.006 min
Response: 5907175
Conc: 40.97 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153073BSD



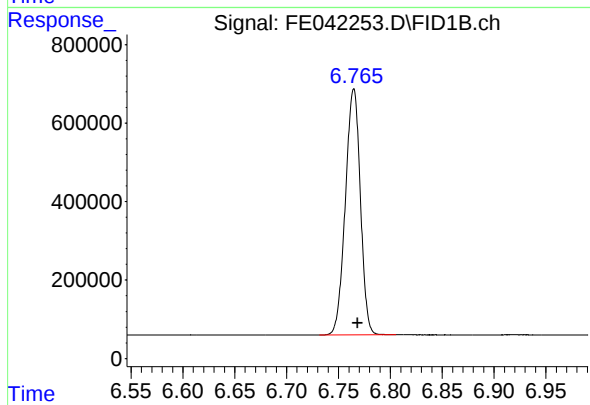
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: 0.001 min
Response: 6094280
Conc: 41.17 ug/ml



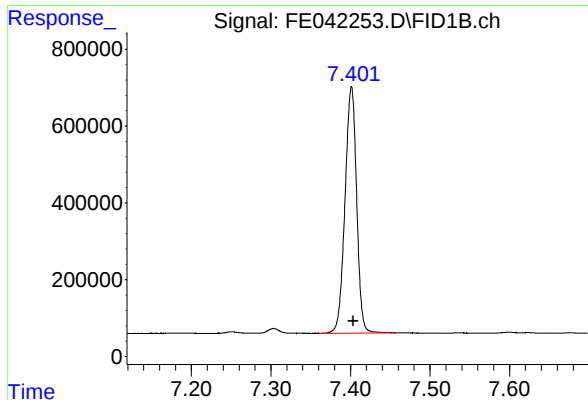
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.001 min
Response: 6717197
Conc: 41.17 ug/ml



#4 n-Dodecane (C12)

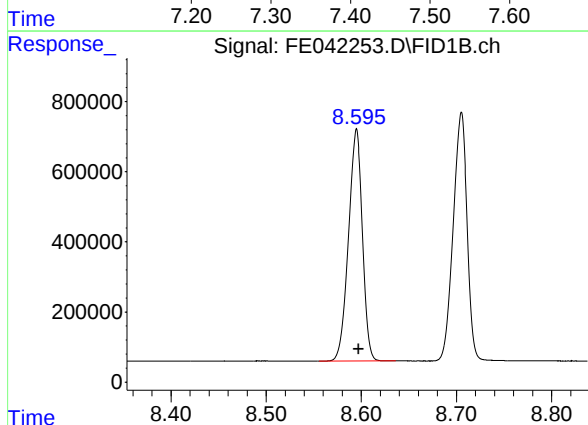
R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 6318182
Conc: 42.13 ug/ml



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

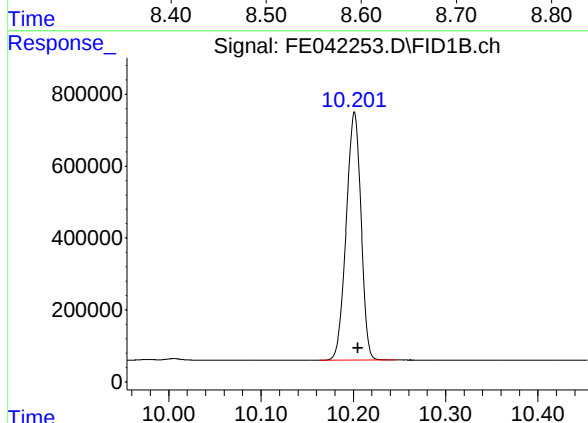
R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 6519520
Conc: 41.08 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153073BSD



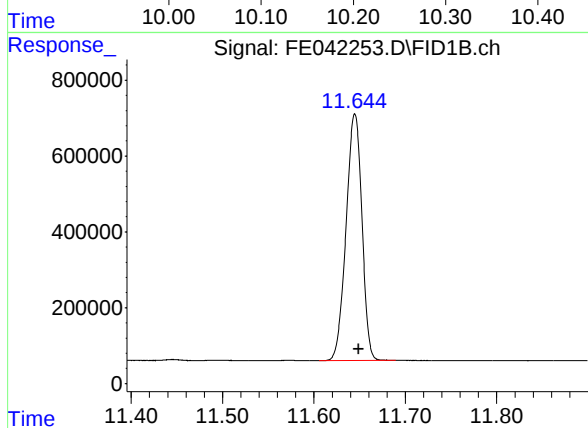
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.002 min
Response: 6754744
Conc: 45.09 ug/ml



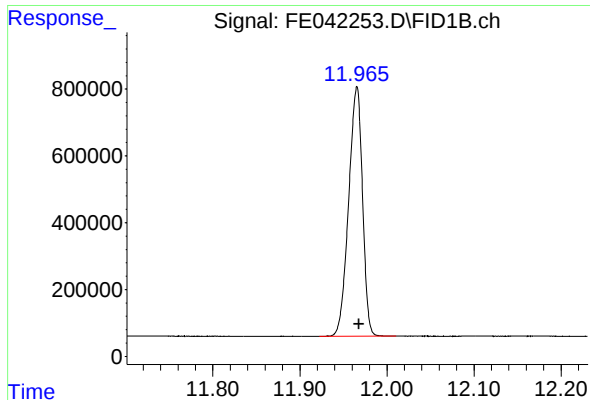
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.004 min
Response: 7690913
Conc: 49.37 ug/ml



#8 n-Octadecane (C18)

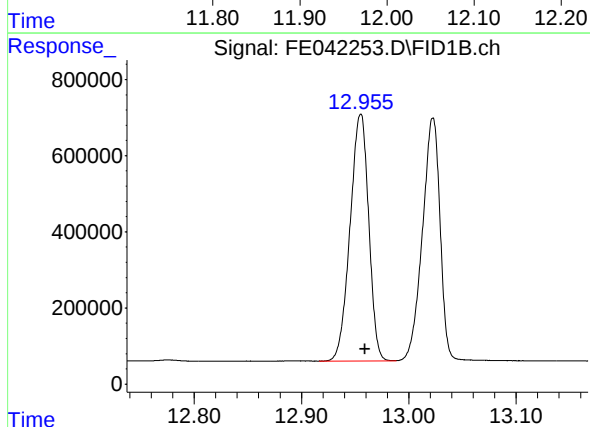
R.T.: 11.645 min
Delta R.T.: -0.004 min
Response: 7844415
Conc: 49.61 ug/ml



#9 ortho-Terphenyl (SURR)

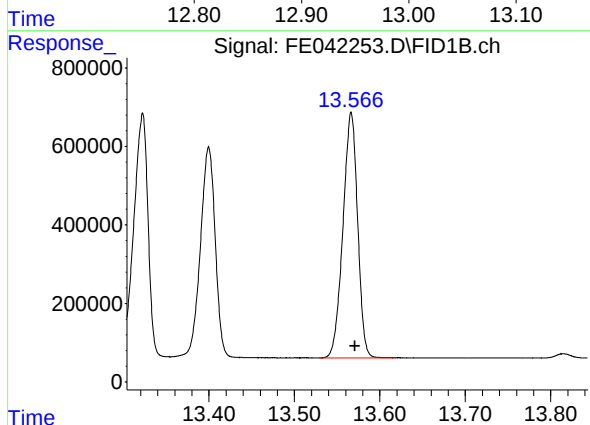
R.T.: 11.966 min
Delta R.T.: -0.003 min
Response: 8249026
Conc: 46.72 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153073BSD



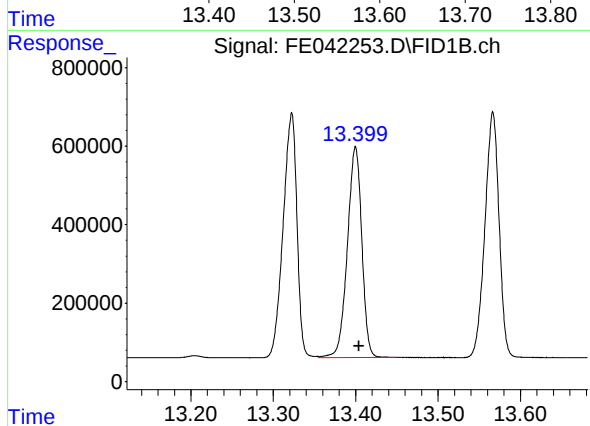
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.004 min
Response: 7818533
Conc: 51.58 ug/ml



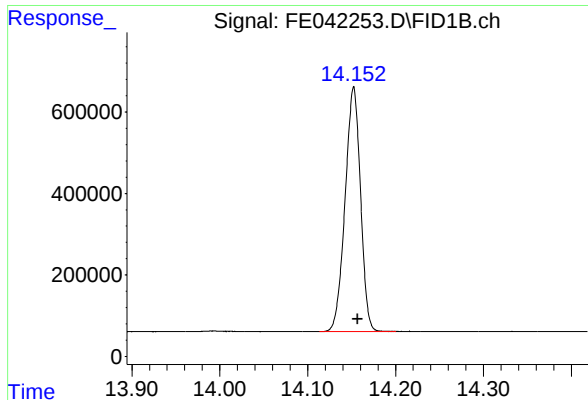
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.004 min
Response: 7458940
Conc: 50.35 ug/ml



#12 1-chlorooctadecane (SURR)

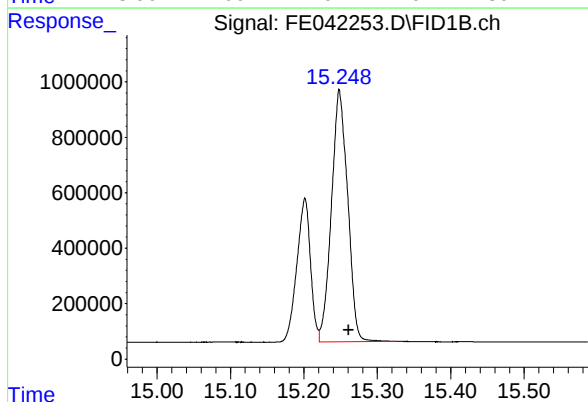
R.T.: 13.400 min
Delta R.T.: -0.004 min
Response: 6525485
Conc: 49.11 ug/ml



#13 n-Docosane (C22)

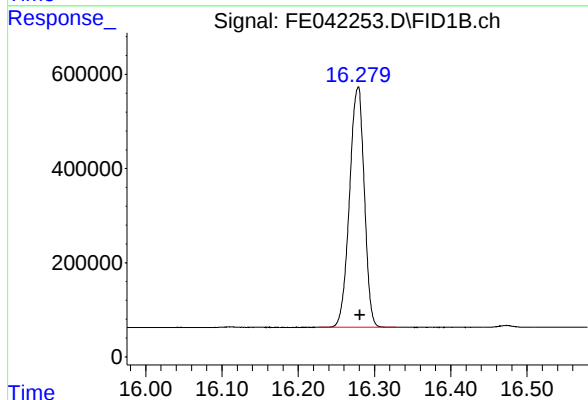
R.T.: 14.152 min
Delta R.T.: -0.005 min
Response: 7324855
Conc: 49.97 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153073BSD



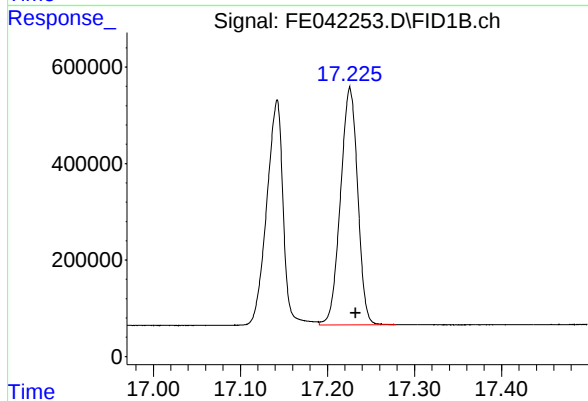
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.013 min
Response: 13936869
Conc: 96.55 ug/ml



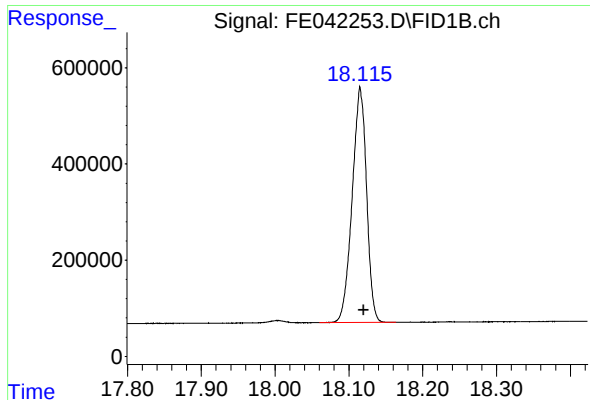
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.003 min
Response: 6866068
Conc: 49.58 ug/ml



#16 n-Octacosane (C28)

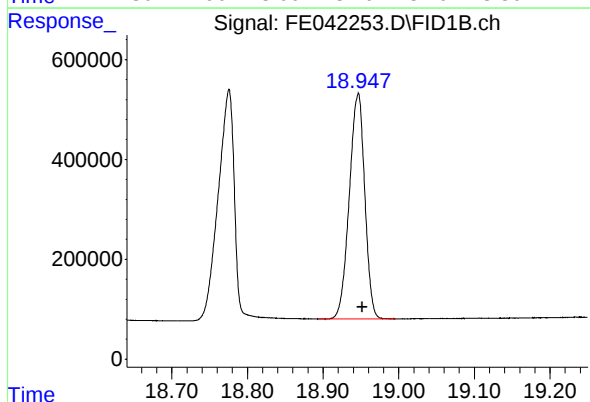
R.T.: 17.226 min
Delta R.T.: -0.006 min
Response: 6749622
Conc: 50.41 ug/ml



#17 n-Tricontane (C30)

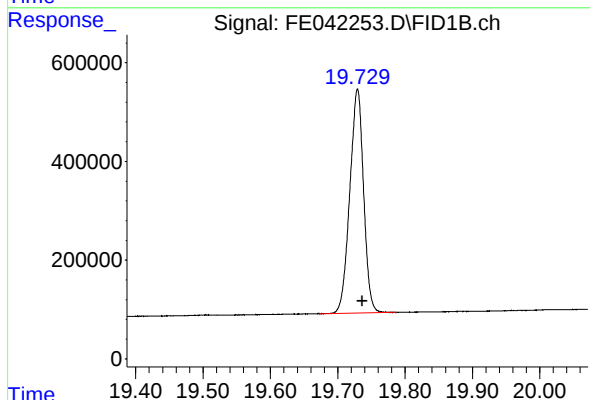
R.T.: 18.115 min
Delta R.T.: -0.004 min
Response: 6610750
Conc: 48.97 ug/ml

Instrument :
FID_E
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PB153073BSD



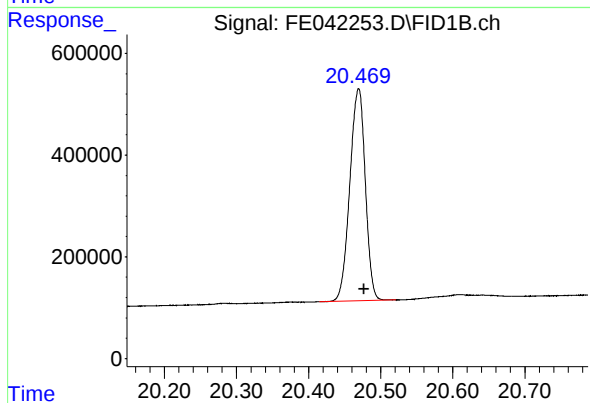
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 6423289
Conc: 48.08 ug/ml



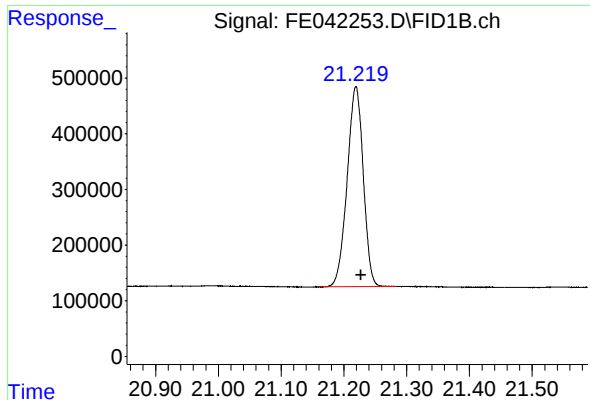
#19 n-Tetatriacontane (C34)

R.T.: 19.729 min
Delta R.T.: -0.007 min
Response: 6456839
Conc: 49.10 ug/ml



#20 n-Hexatriacontane (C36)

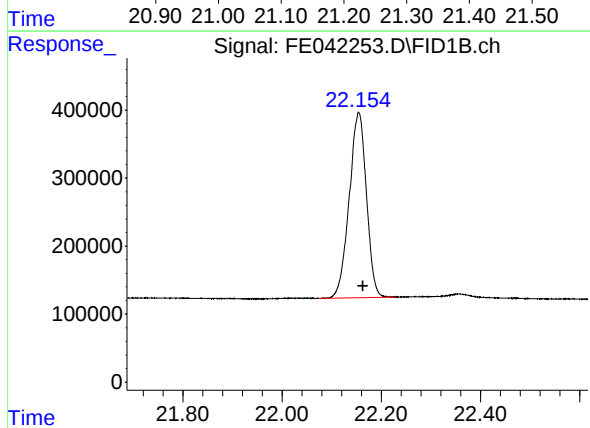
R.T.: 20.470 min
Delta R.T.: -0.007 min
Response: 6230210
Conc: 47.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: -0.008 min
Response: 6409761
Conc: 47.24 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153073BSD



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: -0.008 min
Response: 6561923
Conc: 47.17 ug/ml