

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052545.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 21:25
 Operator : YP\AJ
 Sample : PB166905BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166905BS

Integration File: autoint1.e
 Quant Time: Feb 28 03:25:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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			
12) S 1-chlorooctadecane (S...	13.363	5031459	36.199 ug/ml
Spiked Amount 50.000		Recovery =	72.40%
Target Compounds			
1) T n-Nonane (C9)	3.257	3554288	23.155 ug/ml
2) T n-Decane (C10)	4.518	4556084	29.170 ug/ml
4) T n-Dodecane (C12)	6.700	5379629	34.082 ug/ml
6) T n-Tetradecane (C14)	8.537	5862242	37.217 ug/ml
7) T n-Hexadecane (C16)	10.152	6098240	37.312 ug/ml
8) T n-Octadecane (C18)	11.602	6343831	38.340 ug/ml
10) T n-Eicosane (C20)	12.917	6646225	41.689 ug/ml
11) T n-Heneicosane (C21)	13.531	6369486	40.655 ug/ml
13) T n-Docosane (C22)	14.120	6346224	40.552 ug/ml
14) T n-Tetracosane (C24)	15.227	6291970	40.007 ug/ml
15) T n-Hexacosane (C26)	16.251	6235065	40.255 ug/ml
16) T n-Octacosane (C28)	17.204	6085274	39.783 ug/ml
17) T n-Tricontane (C30)	18.093	6337914	40.602 ug/ml
18) T n-Dotriacontane (C32)	18.929	6354499	41.527 ug/ml
19) T n-Tetratriacontane (C34)	19.716	6353331	44.659 ug/ml
20) T n-Hexatriacontane (C36)	20.458	6186259	49.634 ug/ml
21) T n-Octatriacontane (C38)	21.203	6126749	56.053 ug/ml
22) T n-Tetracontane (C40)	22.131	6096340	60.606 ug/ml

(f)=RT Delta > 1/2 Window

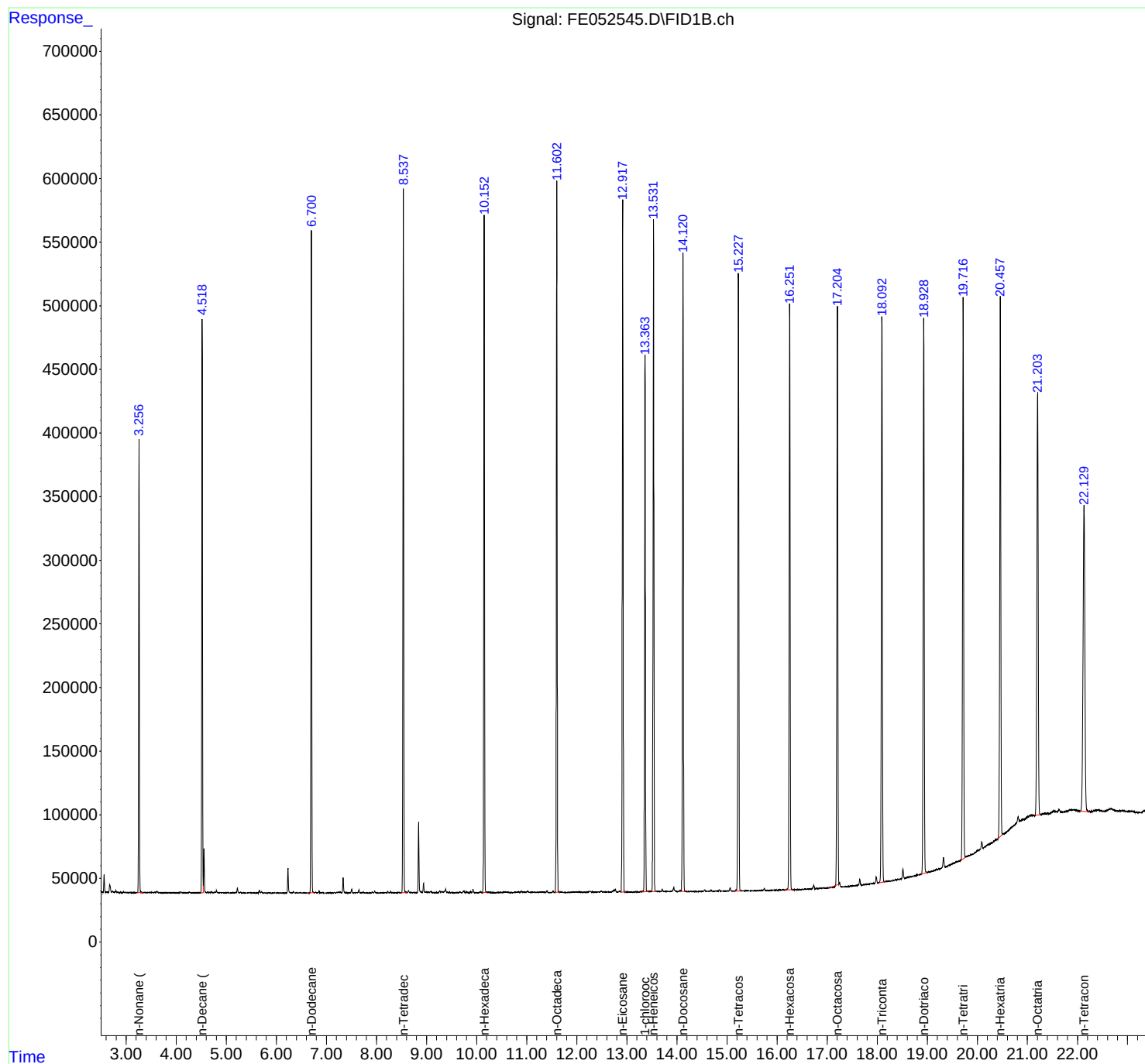
(m)=manual int.

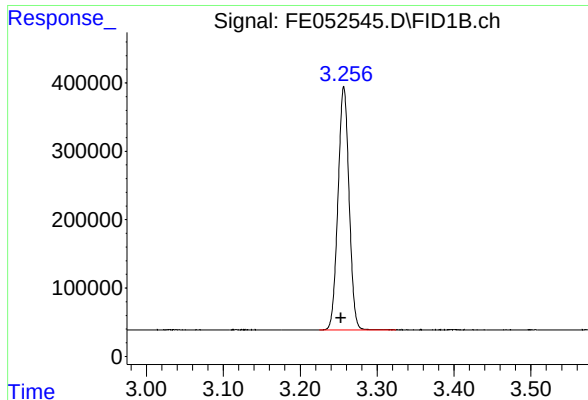
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
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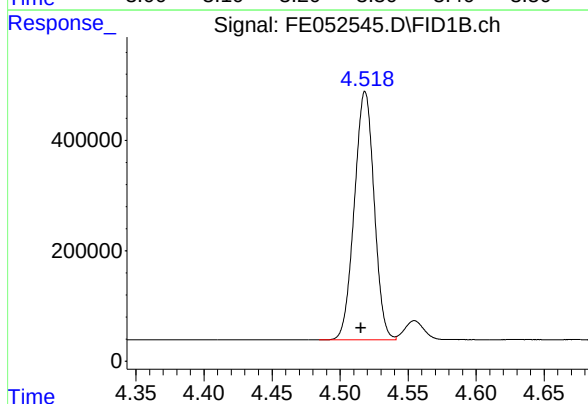




#1 n-Nonane (C9)

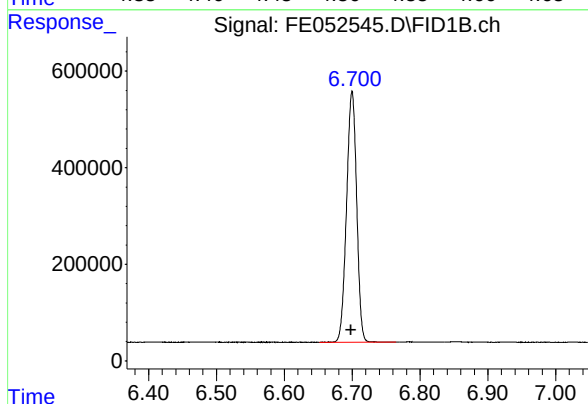
R.T.: 3.257 min
Delta R.T.: 0.004 min
Response: 3554288
Conc: 23.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166905BS



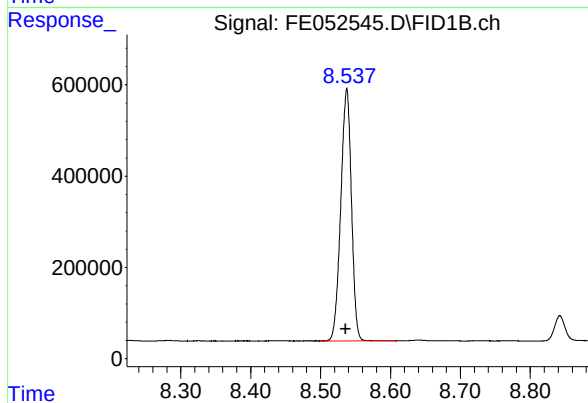
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.003 min
Response: 4556084
Conc: 29.17 ug/ml



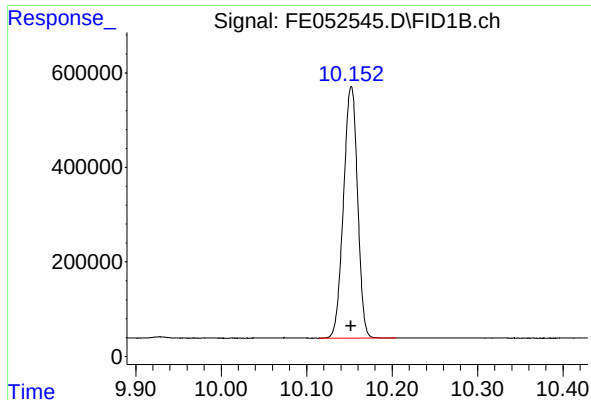
#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 5379629
Conc: 34.08 ug/ml



#6 n-Tetradecane (C14)

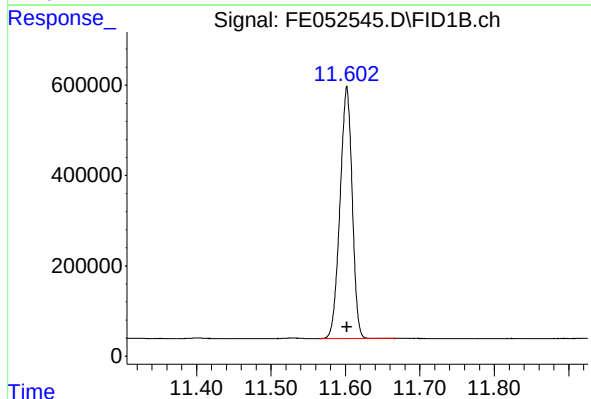
R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 5862242
Conc: 37.22 ug/ml



#7 n-Hexadecane (C16)

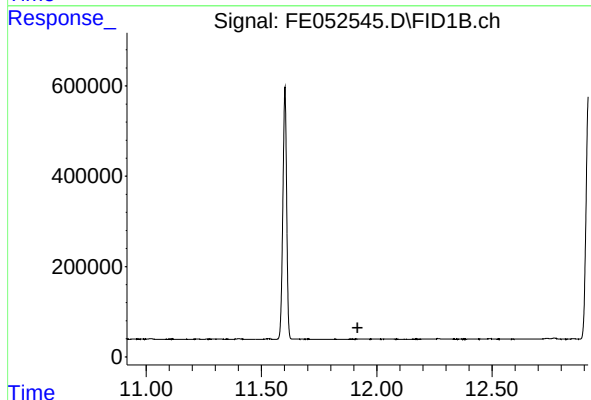
R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 6098240
Conc: 37.31 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166905BS



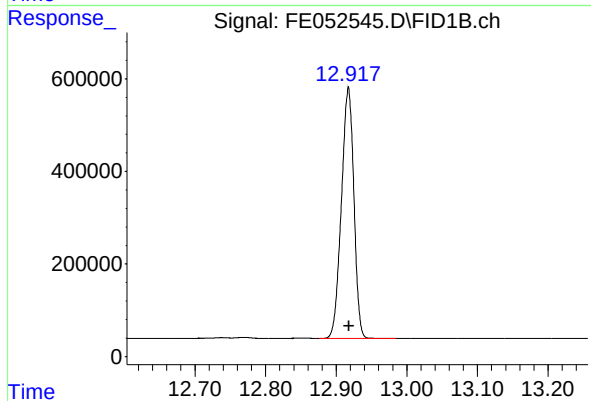
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 6343831
Conc: 38.34 ug/ml



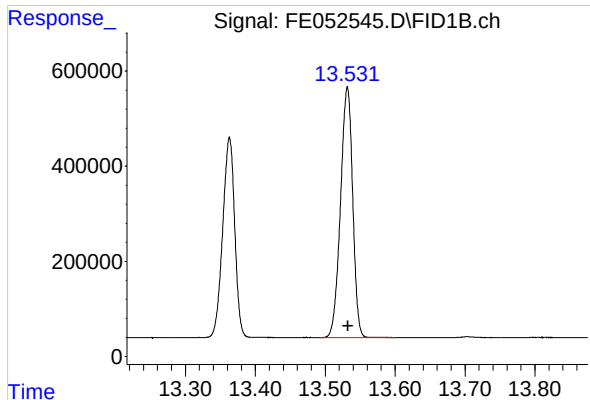
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.917 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

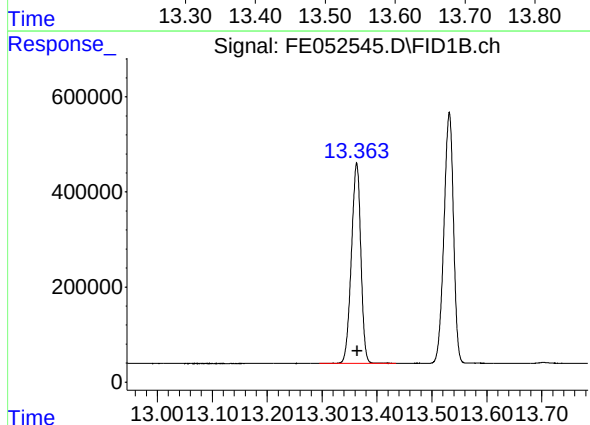
R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 6646225
Conc: 41.69 ug/ml



#11 n-Heneicosane (C21)

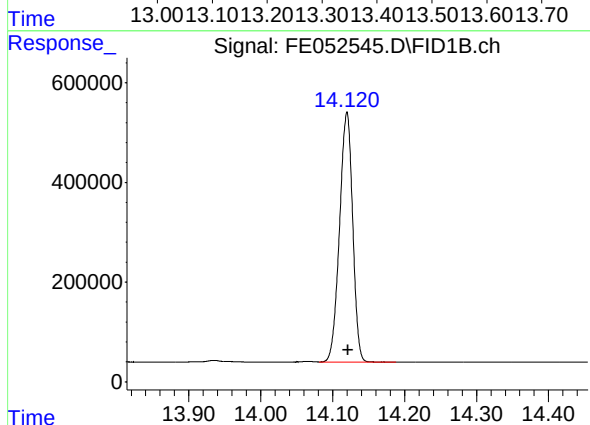
R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 6369486
Conc: 40.66 ug/ml

Instrument :
FID_E
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PB166905BS



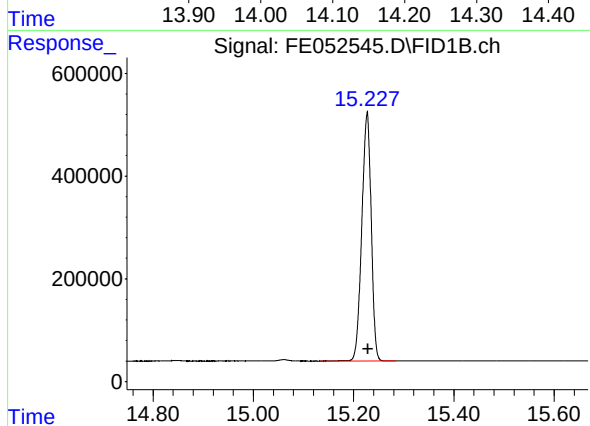
#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.001 min
Response: 5031459
Conc: 36.20 ug/ml



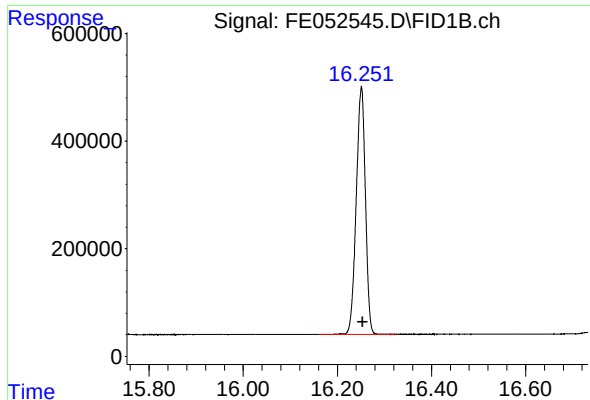
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.001 min
Response: 6346224
Conc: 40.55 ug/ml



#14 n-Tetracosane (C24)

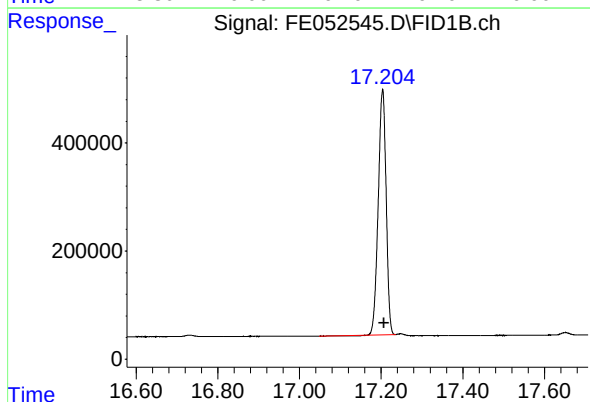
R.T.: 15.227 min
Delta R.T.: -0.002 min
Response: 6291970
Conc: 40.01 ug/ml



#15 n-Hexacosane (C26)

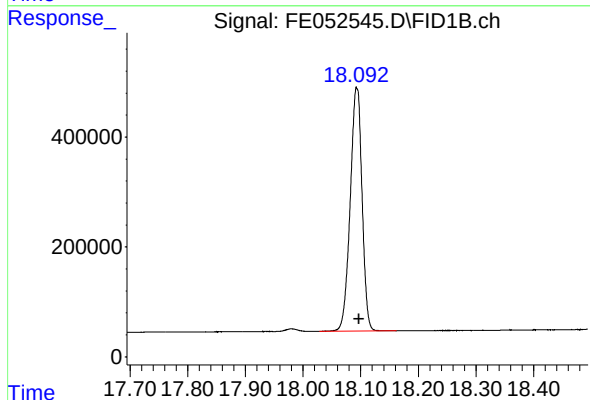
R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 6235065
Conc: 40.26 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166905BS



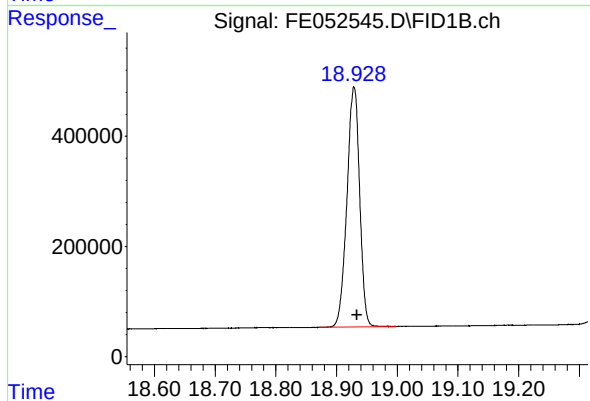
#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.004 min
Response: 6085274
Conc: 39.78 ug/ml



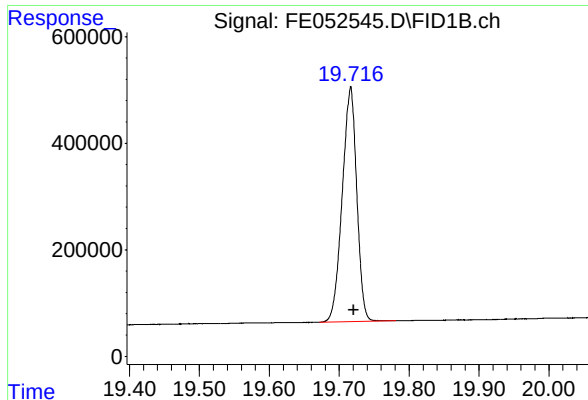
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.004 min
Response: 6337914
Conc: 40.60 ug/ml



#18 n-Dotriacontane (C32)

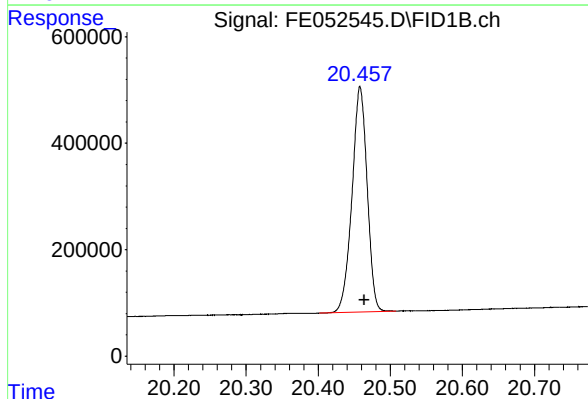
R.T.: 18.929 min
Delta R.T.: -0.005 min
Response: 6354499
Conc: 41.53 ug/ml



#19 n-Tetratriacontane (C34)

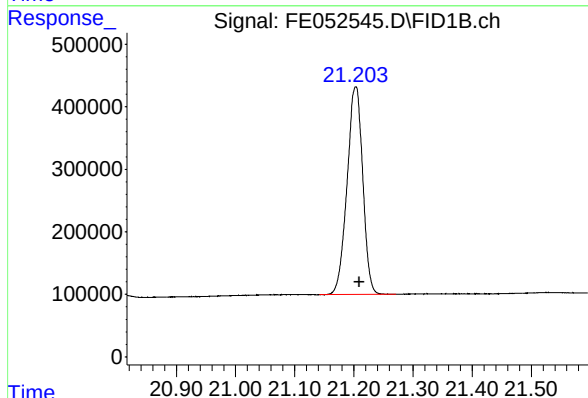
R.T.: 19.716 min
Delta R.T.: -0.004 min
Response: 6353331
Conc: 44.66 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166905BS



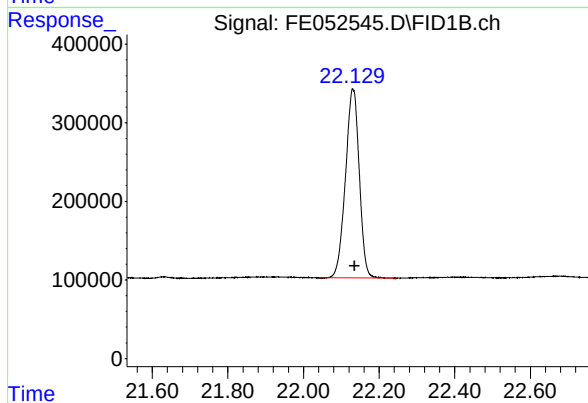
#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.005 min
Response: 6186259
Conc: 49.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.007 min
Response: 6126749
Conc: 56.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.004 min
Response: 6096340
Conc: 60.61 ug/ml