

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081523AL\
 Data File : FE043962.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2023 17:40
 Operator : YP\AJ
 Sample : 04006-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 E-1MSD

Integration File: autoint1.e
 Quant Time: Aug 16 01:16:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.948	4560743	22.132 ug/ml
Spiked Amount 50.000		Recovery =	44.26%
12) S 1-chlorooctadecane (S...	13.385	3583589	22.965 ug/ml
Spiked Amount 50.000		Recovery =	45.93%
Target Compounds			
1) T n-Nonane (C9)	3.342	4906662	30.384 ug/ml
2) T n-Decane (C10)	4.592	5633496	34.181 ug/ml
3) T A~Naphthalene (C11.7)	6.290	6472900	35.552 ug/ml
4) T n-Dodecane (C12)	6.752	6118838	36.560 ug/ml
5) T A~2-methylnaphthalene...	7.385	6567062	36.888 ug/ml
6) T n-Tetradecane (C14)	8.581	6562214	38.949 ug/ml
7) T n-Hexadecane (C16)	10.188	7196271	40.795 ug/ml
8) T n-Octadecane (C18)	11.632	7445595	41.102 ug/ml
10) T n-Eicosane (C20)	12.943	7516736	42.475 ug/ml
11) T n-Heneicosane (C21)	13.554	7219876	40.776 ug/ml
13) T n-Docosane (C22)	14.142	7110927	40.541 ug/ml
14) T n-Tetracosane (C24)	15.244	5246091	29.858 ug/ml
15) T n-Hexacosane (C26)	16.269	6629106	38.355 ug/ml
16) T n-Octacosane (C28)	17.217	6451768	38.560 ug/ml
17) T n-Tricontane (C30)	18.107	6283537	37.938 ug/ml
18) T n-Dotriacontane (C32)	18.940	5974428	37.839 ug/ml
19) T n-Tetratriacontane (C34)	19.724	5556831	37.395 ug/ml
20) T n-Hexatriacontane (C36)	20.466	5082384	36.360 ug/ml
21) T n-Octatriacontane (C38)	21.210	5074915	38.041 ug/ml
22) T n-Tetracontane (C40)	22.136	5115070	39.643 ug/ml

(f)=RT Delta > 1/2 Window

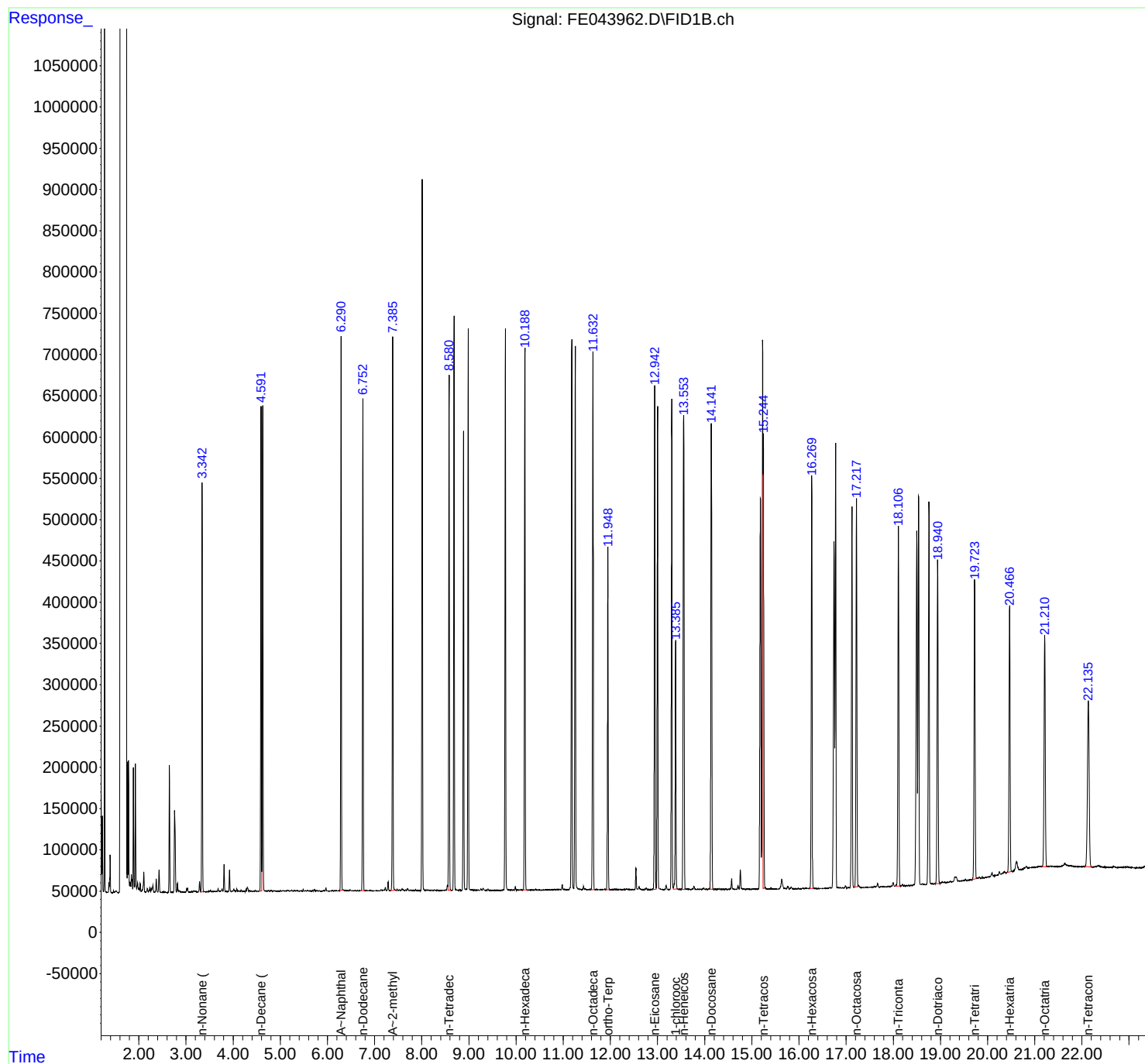
(m)=manual int.

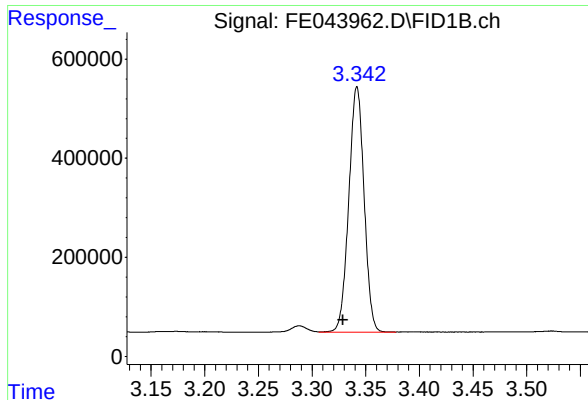
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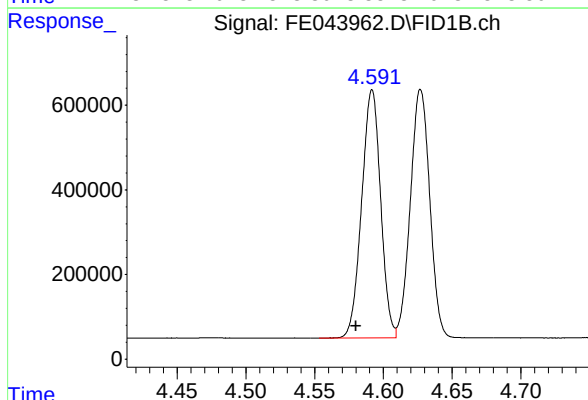




#1 n-Nonane (C9)

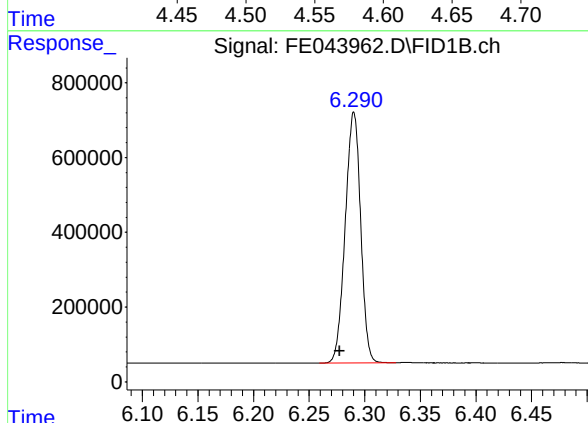
R.T.: 3.342 min
Delta R.T.: 0.013 min
Response: 4906662
Conc: 30.38 ug/ml

Instrument :
FID_E
ClientSampleId :
E-1MSD



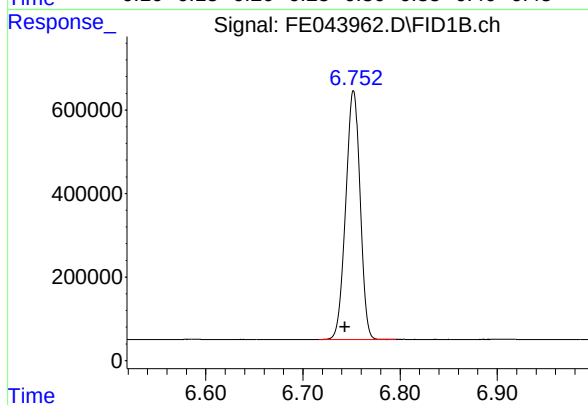
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: 0.012 min
Response: 5633496
Conc: 34.18 ug/ml



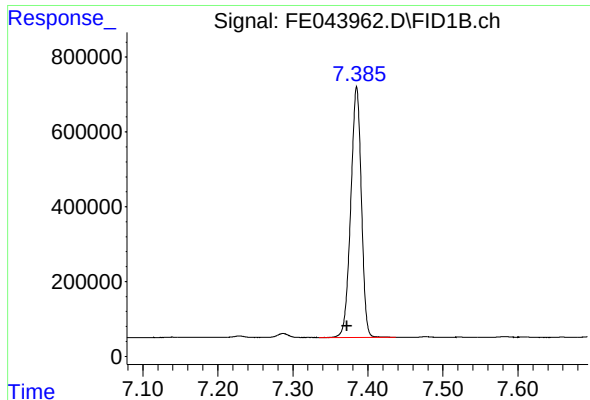
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.013 min
Response: 6472900
Conc: 35.55 ug/ml



#4 n-Dodecane (C12)

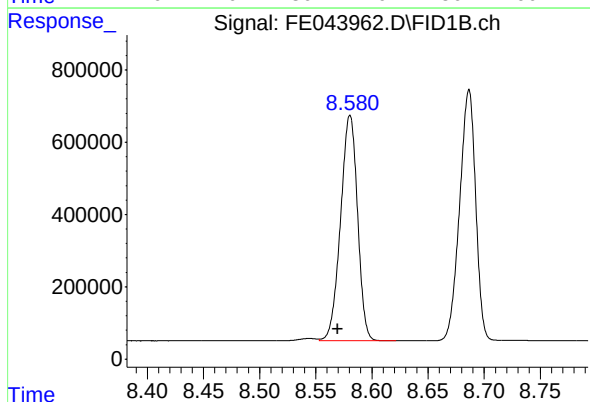
R.T.: 6.752 min
Delta R.T.: 0.009 min
Response: 6118838
Conc: 36.56 ug/ml



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

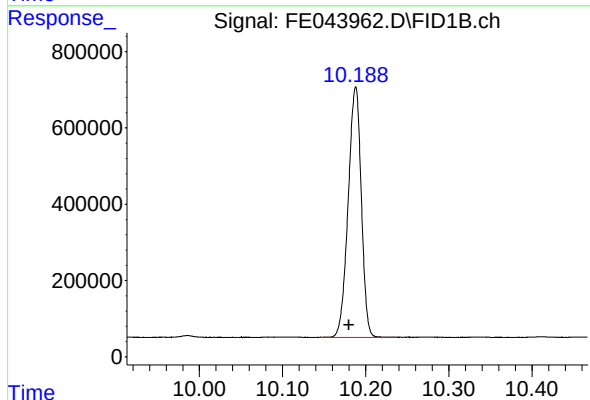
R.T.: 7.385 min
Delta R.T.: 0.013 min
Response: 6567062
Conc: 36.89 ug/ml

Instrument :
FID_E
ClientSampleId :
E-1MSD



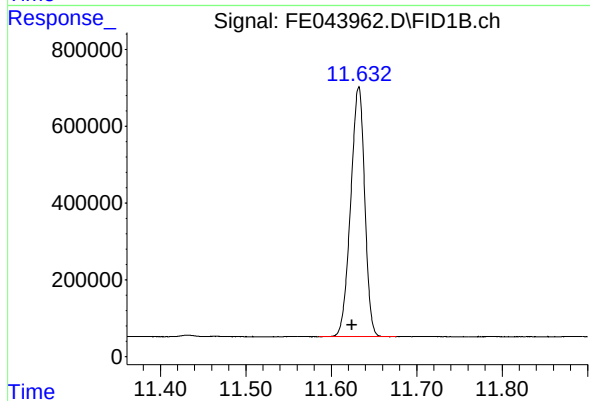
#6 n-Tetradecane (C14)

R.T.: 8.581 min
Delta R.T.: 0.011 min
Response: 6562214
Conc: 38.95 ug/ml



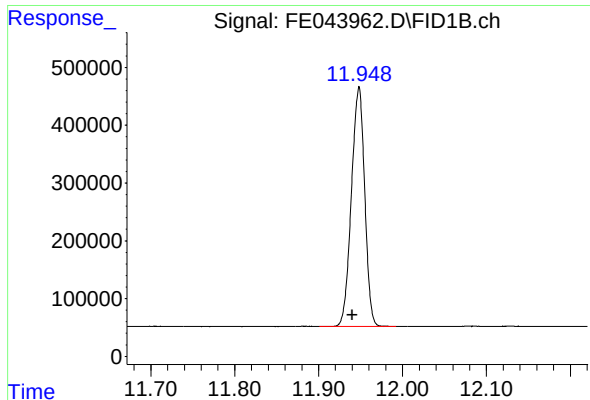
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: 0.008 min
Response: 7196271
Conc: 40.80 ug/ml



#8 n-Octadecane (C18)

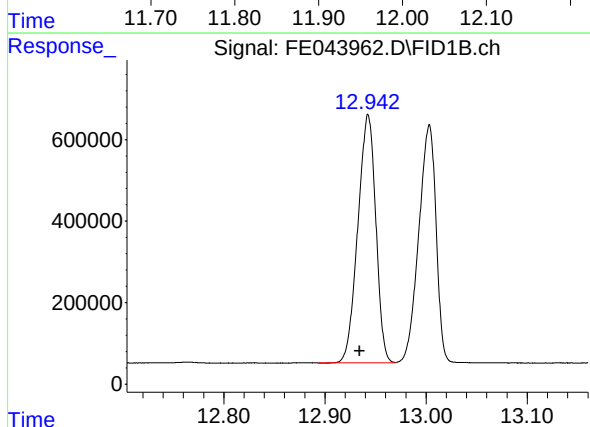
R.T.: 11.632 min
Delta R.T.: 0.008 min
Response: 7445595
Conc: 41.10 ug/ml



#9 ortho-Terphenyl (SURR)

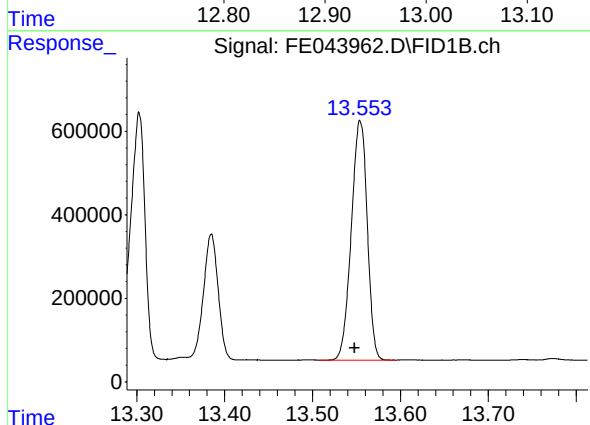
R.T.: 11.948 min
Delta R.T.: 0.008 min
Response: 4560743
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :
E-1MSD



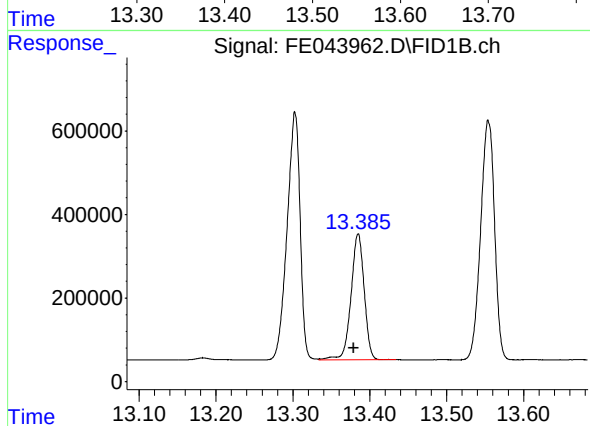
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.008 min
Response: 7516736
Conc: 42.48 ug/ml



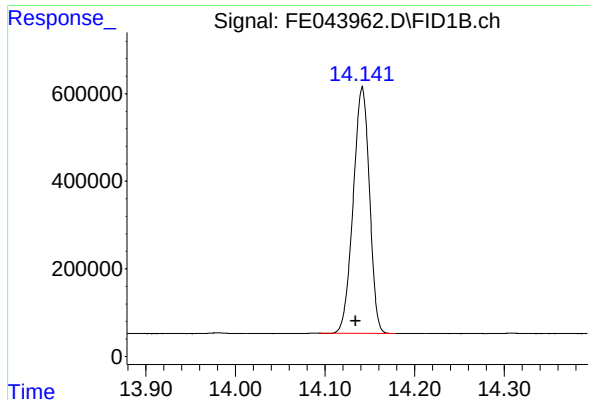
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 7219876
Conc: 40.78 ug/ml



#12 1-chlorooctadecane (SURR)

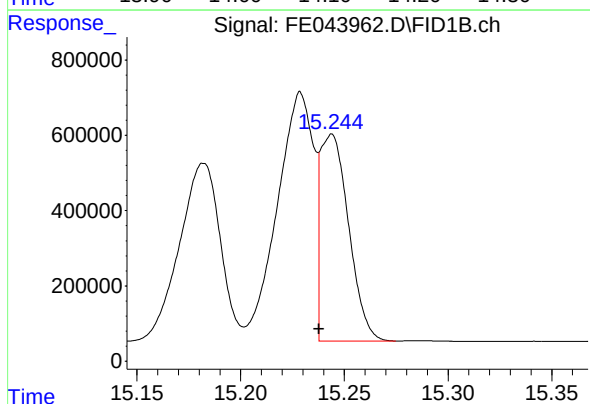
R.T.: 13.385 min
Delta R.T.: 0.006 min
Response: 3583589
Conc: 22.96 ug/ml



#13 n-Docosane (C22)

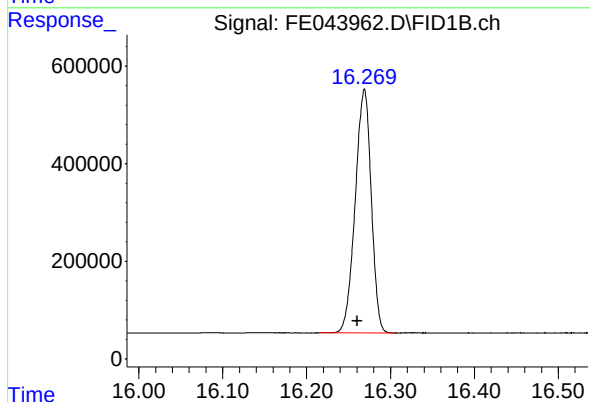
R.T.: 14.142 min
Delta R.T.: 0.007 min
Response: 7110927
Conc: 40.54 ug/ml

Instrument :
FID_E
ClientSampleId :
E-1MSD



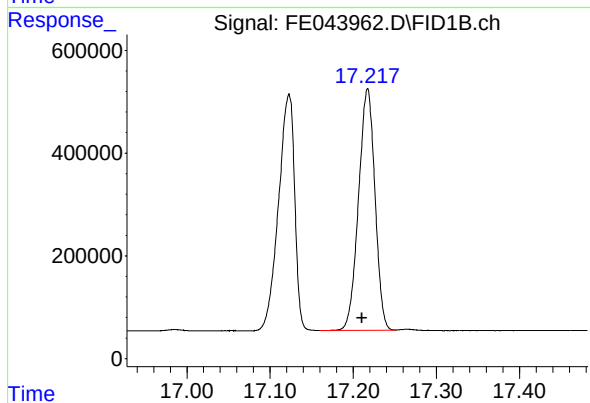
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.006 min
Response: 5246091
Conc: 29.86 ug/ml



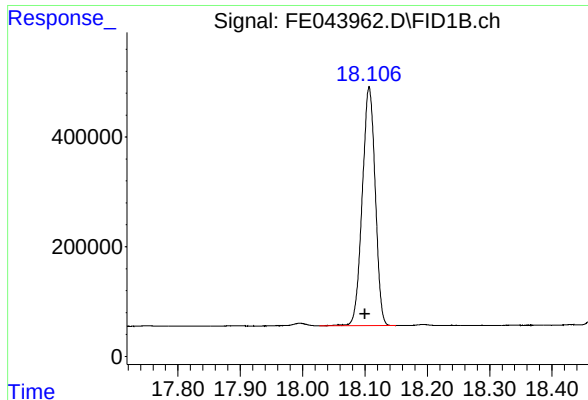
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: 0.009 min
Response: 6629106
Conc: 38.36 ug/ml



#16 n-Octacosane (C28)

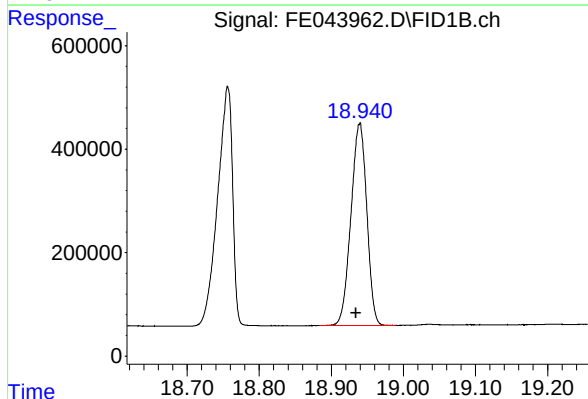
R.T.: 17.217 min
Delta R.T.: 0.007 min
Response: 6451768
Conc: 38.56 ug/ml



#17 n-Tricontane (C30)

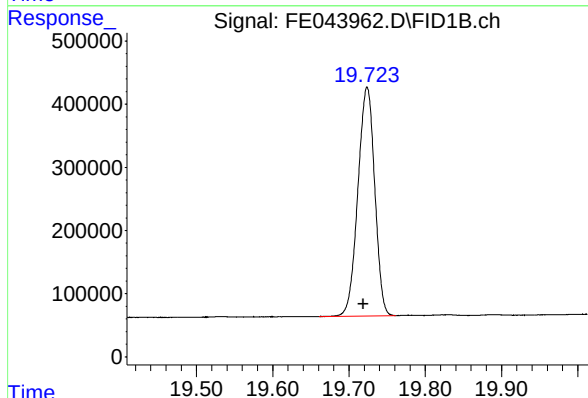
R.T.: 18.107 min
Delta R.T.: 0.007 min
Response: 6283537
Conc: 37.94 ug/ml

Instrument :
FID_E
ClientSampleId :
E-1MSD



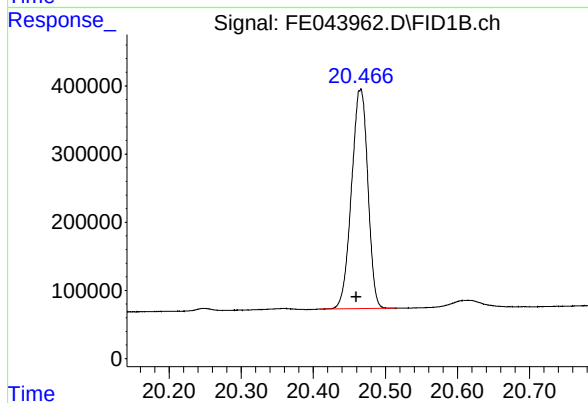
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: 0.005 min
Response: 5974428
Conc: 37.84 ug/ml



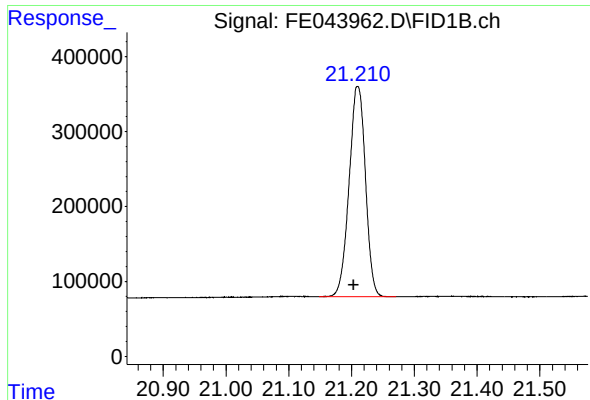
#19 n-Tetatriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.005 min
Response: 5556831
Conc: 37.39 ug/ml



#20 n-Hexatriacontane (C36)

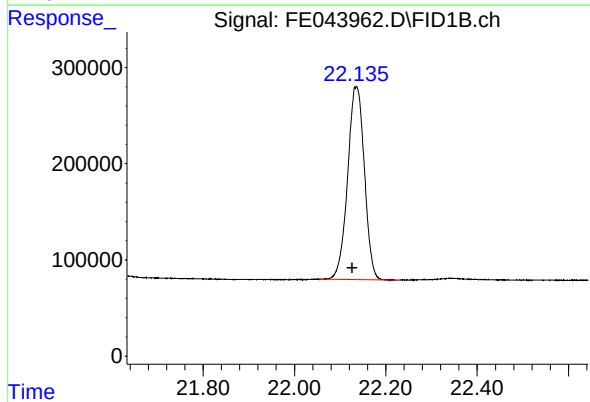
R.T.: 20.466 min
Delta R.T.: 0.006 min
Response: 5082384
Conc: 36.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.006 min
Response: 5074915
Conc: 38.04 ug/ml

Instrument :
FID_E
ClientSampleId :
E-1MSD



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.009 min
Response: 5115070
Conc: 39.64 ug/ml