

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040224AL\
 Data File : FE047423.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2024 02:18
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Apr 02 05:18:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:18:18 2024
 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)	11.981	895002	5.000 ug/ml
Spiked Amount 50.000		Recovery =	10.00%
12) S 1-chlorooctadecane (S...	13.414	689975	5.000 ug/ml
Spiked Amount 50.000		Recovery =	10.00%
Target Compounds			
1) T n-Nonane (C9)	3.363	803755	5.000 ug/ml
2) T n-Decane (C10)	4.616	827984	5.000 ug/ml
3) T A~Naphthalene (C11.7)	6.323	863716	5.000 ug/ml
4) T n-Dodecane (C12)	6.781	834959	5.000 ug/ml
5) T A~2-methylnaphthalene...	7.419	834719	5.000 ug/ml
6) T n-Tetradecane (C14)	8.609	830020	5.000 ug/ml
7) T n-Hexadecane (C16)	10.217	859408	5.000 ug/ml
8) T n-Octadecane (C18)	11.659	866660	5.000 ug/ml
10) T n-Eicosane (C20)	12.969	839288	5.000 ug/ml
11) T n-Heneicosane (C21)	13.580	818415	5.000 ug/ml
13) T n-Docosane (C22)	14.165	832914	5.000 ug/ml
14) T n-Tetracosane (C24)	15.267	871250	5.000 ug/ml
15) T n-Hexacosane (C26)	16.287	863745	5.000 ug/ml
16) T n-Octacosane (C28)	17.235	872186	5.000 ug/ml
17) T n-Tricontane (C30)	18.120	902511	5.000 ug/ml
18) T n-Dotriacontane (C32)	18.951	888669	5.000 ug/ml
19) T n-Tetratriacontane (C34)	19.734	841284	5.000 ug/ml
20) T n-Hexatriacontane (C36)	20.472	831599	5.000 ug/ml
21) T n-Octatriacontane (C38)	21.214	842750	5.000 ug/ml
22) T n-Tetracontane (C40)	22.144	845656	5.000 ug/ml

(f)=RT Delta > 1/2 Window

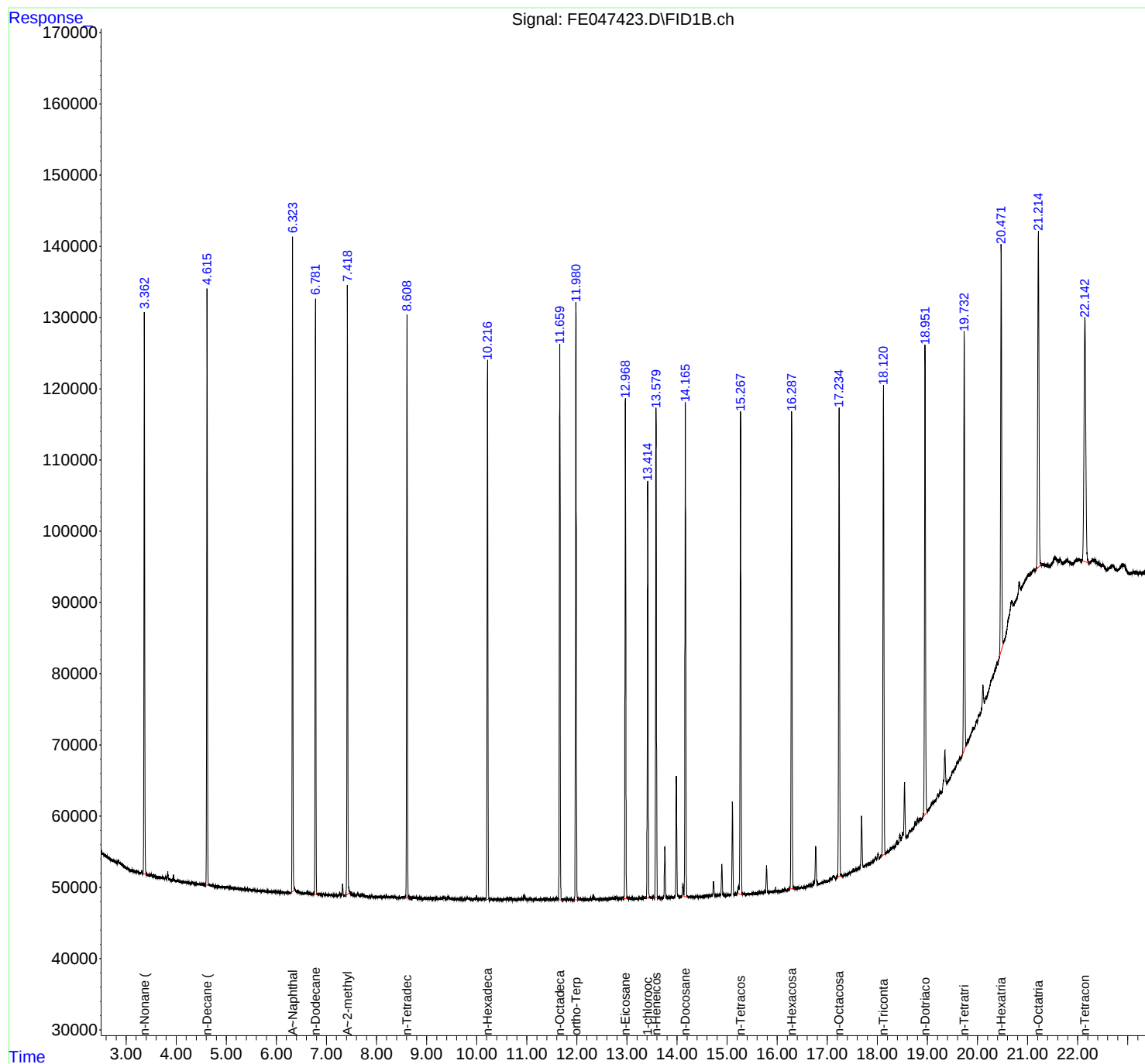
(m)=manual int.

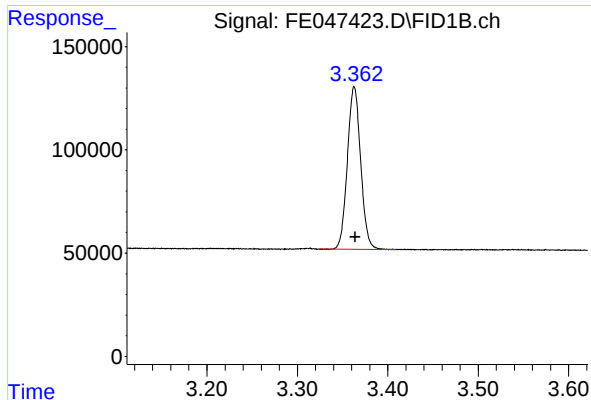
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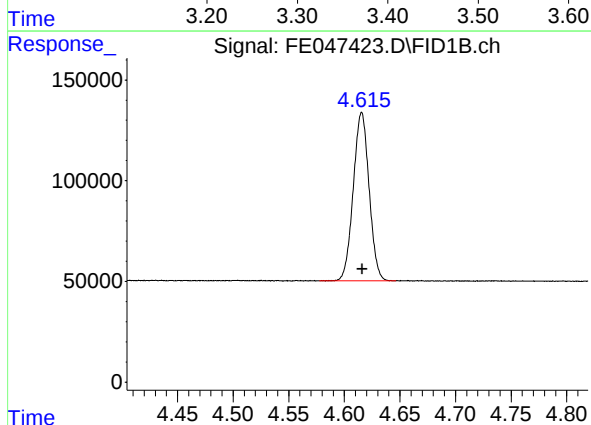




#1 n-Nonane (C9)

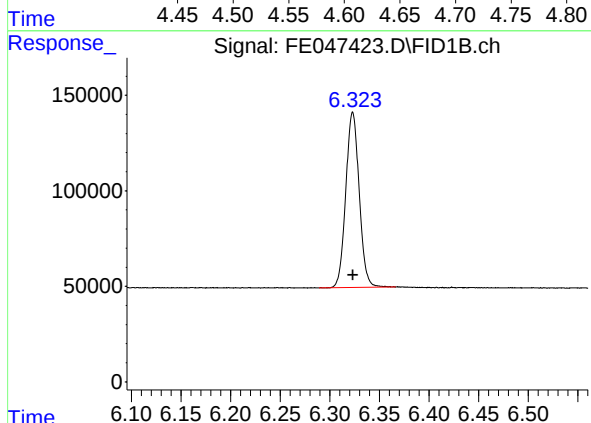
R.T.: 3.363 min
Delta R.T.: -0.001 min
Response: 803755
Conc: 5.00 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



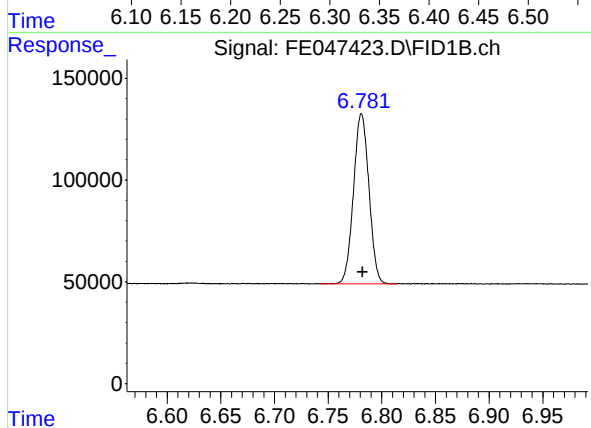
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 827984
Conc: 5.00 ug/ml



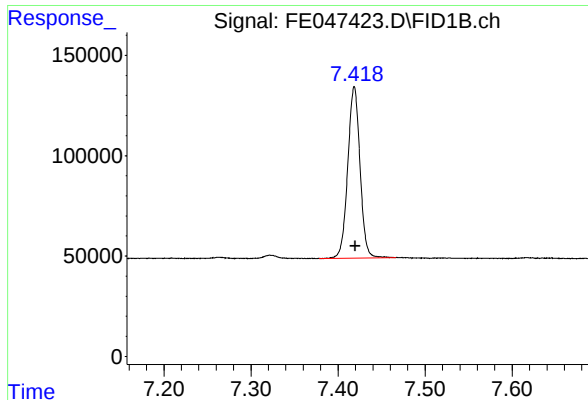
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 863716
Conc: 5.00 ug/ml



#4 n-Dodecane (C12)

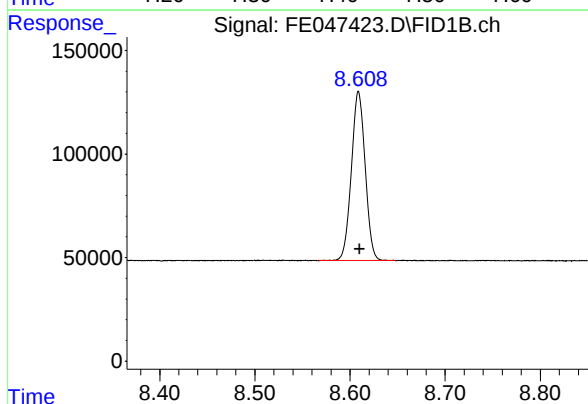
R.T.: 6.781 min
Delta R.T.: -0.001 min
Response: 834959
Conc: 5.00 ug/ml



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

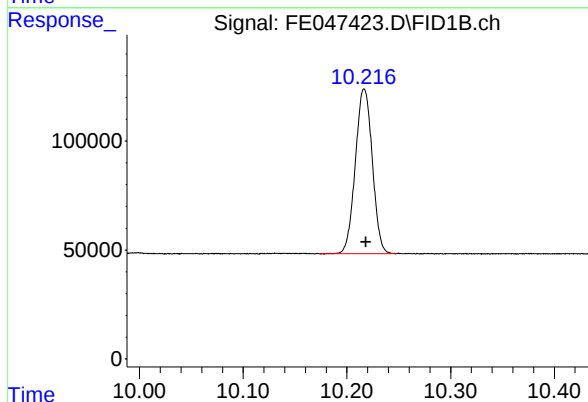
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 834719
Conc: 5.00 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



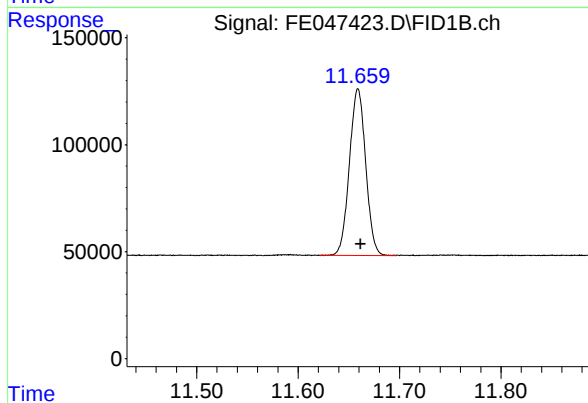
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 830020
Conc: 5.00 ug/ml



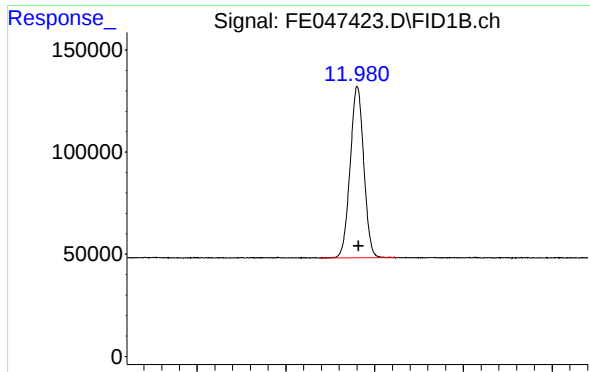
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.002 min
Response: 859408
Conc: 5.00 ug/ml



#8 n-Octadecane (C18)

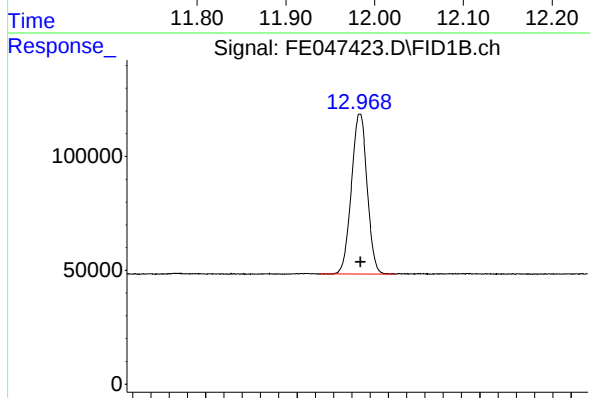
R.T.: 11.659 min
Delta R.T.: -0.002 min
Response: 866660
Conc: 5.00 ug/ml



#9 ortho-Terphenyl (SURR)

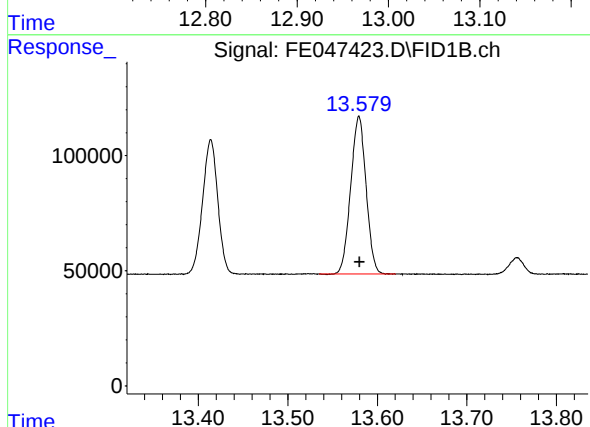
R.T.: 11.981 min
Delta R.T.: -0.002 min
Response: 895002
Conc: 5.00 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



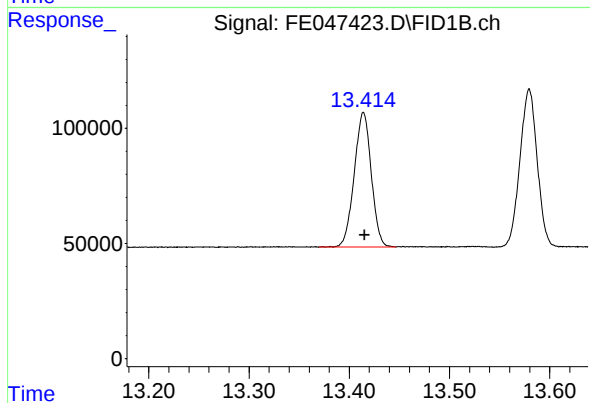
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 839288
Conc: 5.00 ug/ml



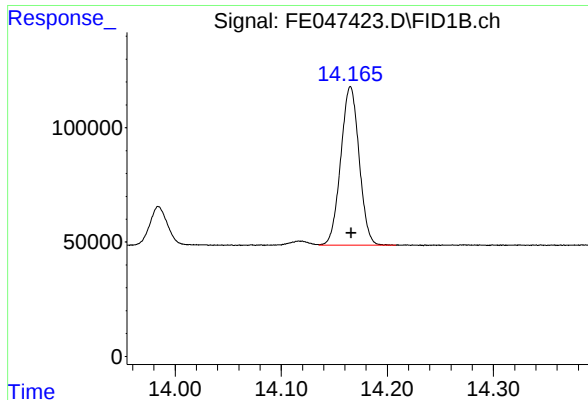
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 818415
Conc: 5.00 ug/ml



#12 1-chlorooctadecane (SURR)

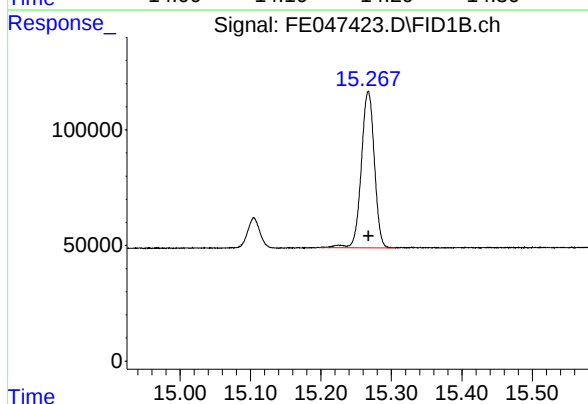
R.T.: 13.414 min
Delta R.T.: 0.000 min
Response: 689975
Conc: 5.00 ug/ml



#13 n-Docosane (C22)

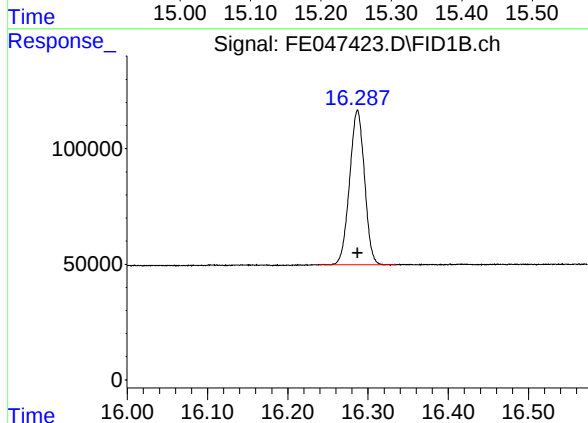
R.T.: 14.165 min
Delta R.T.: 0.000 min
Response: 832914
Conc: 5.00 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



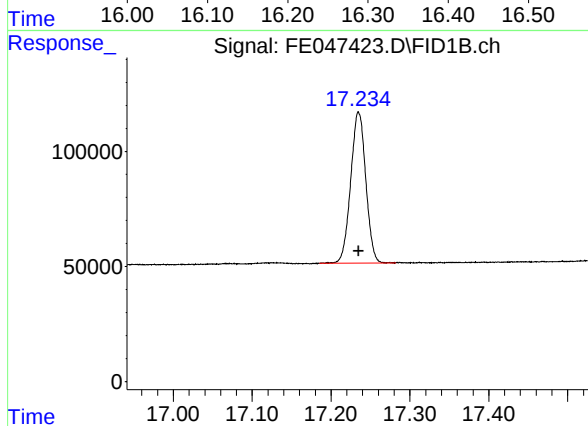
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 871250
Conc: 5.00 ug/ml



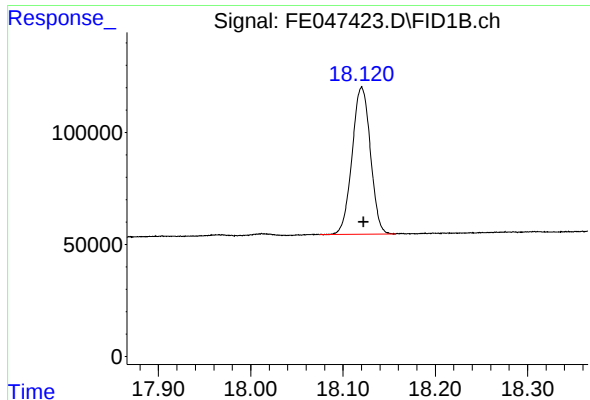
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 863745
Conc: 5.00 ug/ml



#16 n-Octacosane (C28)

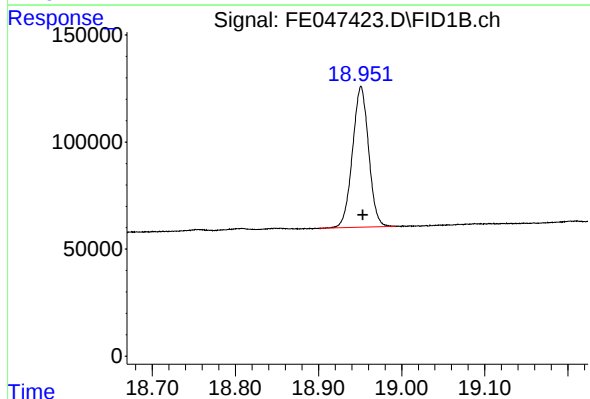
R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 872186
Conc: 5.00 ug/ml



#17 n-Tricontane (C30)

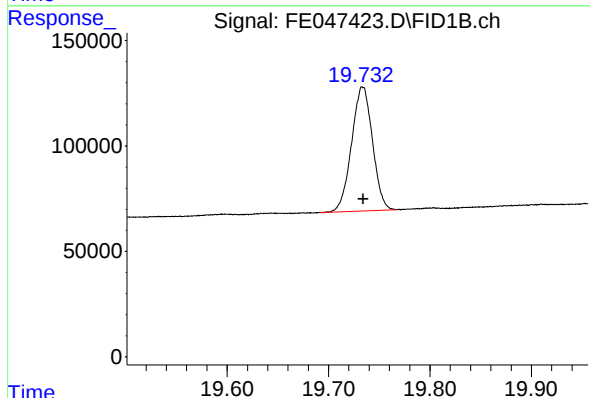
R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 902511
Conc: 5.00 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



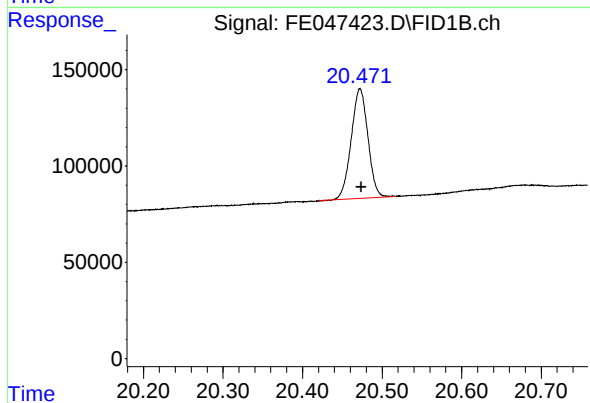
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.002 min
Response: 888669
Conc: 5.00 ug/ml



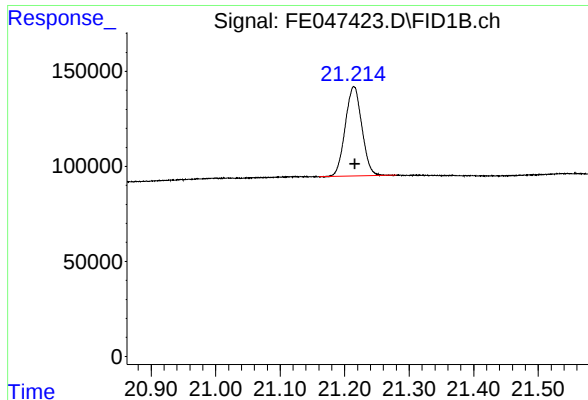
#19 n-Tetatriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.000 min
Response: 841284
Conc: 5.00 ug/ml



#20 n-Hexatriacontane (C36)

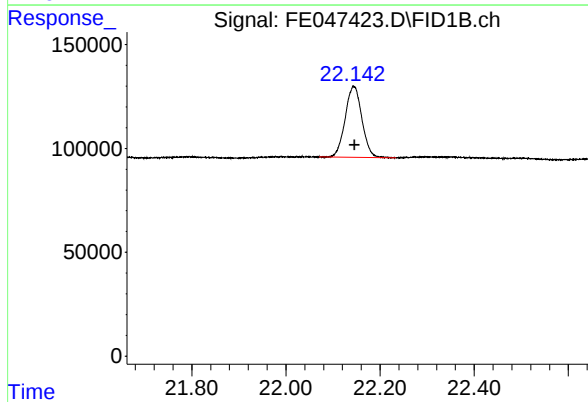
R.T.: 20.472 min
Delta R.T.: -0.002 min
Response: 831599
Conc: 5.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.001 min
Response: 842750
Conc: 5.00 ug/ml

Instrument :
FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.002 min
Response: 845656
Conc: 5.00 ug/ml