

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042424AL\
 Data File : FE047774.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2024 00:52
 Operator : YP\AJ
 Sample : PB160478BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160478BSD

Integration File: sample.E
 Quant Time: Apr 25 03:43:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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			
12) S 1-chlorooctadecane (S...	13.412	4125778	30.676 ug/ml
Spiked Amount 50.000		Recovery =	61.35%
Target Compounds			
1) T n-Nonane (C9)	3.356	3824109	24.443 ug/ml
2) T n-Decane (C10)	4.610	4858748	30.231 ug/ml
4) T n-Dodecane (C12)	6.777	5808620	35.788 ug/ml
6) T n-Tetradecane (C14)	8.605	6450753	40.098 ug/ml
7) T n-Hexadecane (C16)	10.214	6900442	41.550 ug/ml
8) T n-Octadecane (C18)	11.657	7379329	44.004 ug/ml
10) T n-Eicosane (C20)	12.968	7878411	48.631 ug/ml
11) T n-Heneicosane (C21)	13.580	7710057	48.590 ug/ml
13) T n-Docosane (C22)	14.166	7699116	47.975 ug/ml
14) T n-Tetracosane (C24)	15.269	7629430	46.221 ug/ml
15) T n-Hexacosane (C26)	16.289	7590678	45.922 ug/ml
16) T n-Octacosane (C28)	17.237	7590857	45.806 ug/ml
17) T n-Tricontane (C30)	18.126	7666373	45.156 ug/ml
18) T n-Dotriacontane (C32)	18.957	7677030	46.039 ug/ml
19) T n-Tetratriacontane (C34)	19.741	7901959	49.268 ug/ml
20) T n-Hexatriacontane (C36)	20.480	8105613	50.819 ug/ml
21) T n-Octatriacontane (C38)	21.225	8159616	50.206 ug/ml
22) T n-Tetracontane (C40)	22.158	8019396	48.981 ug/ml

(f)=RT Delta > 1/2 Window

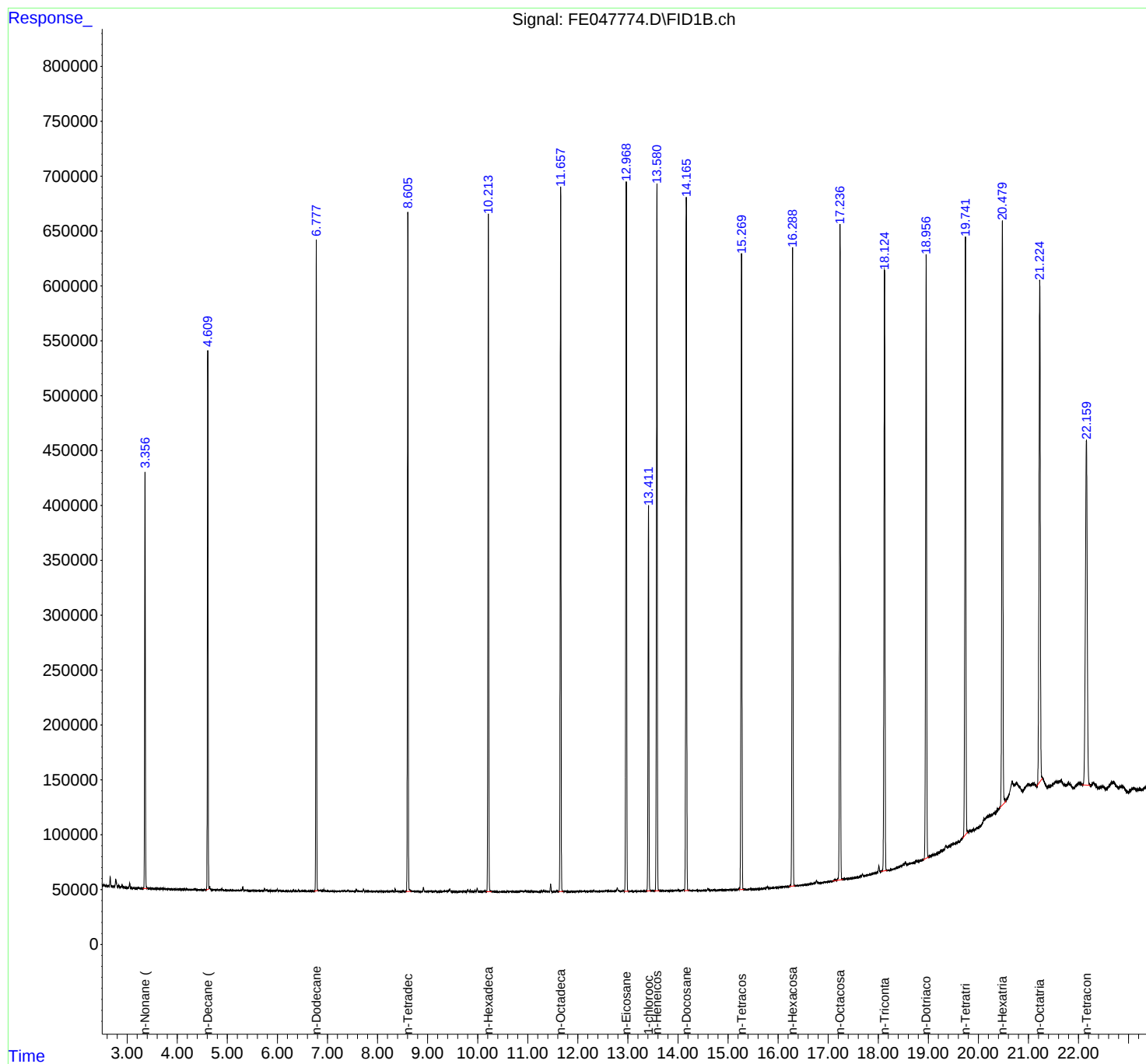
(m)=manual int.

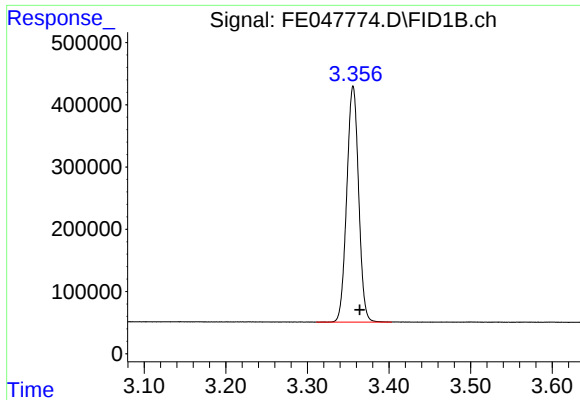
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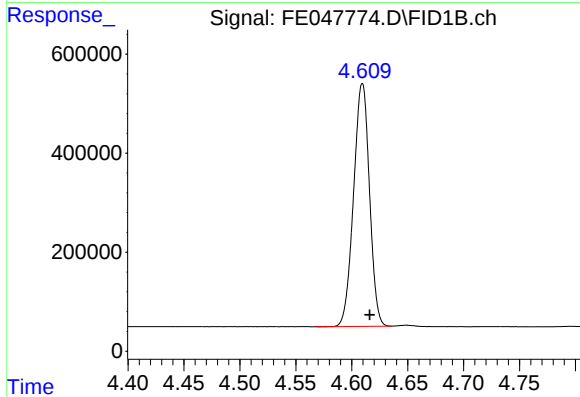




#1 n-Nonane (C9)

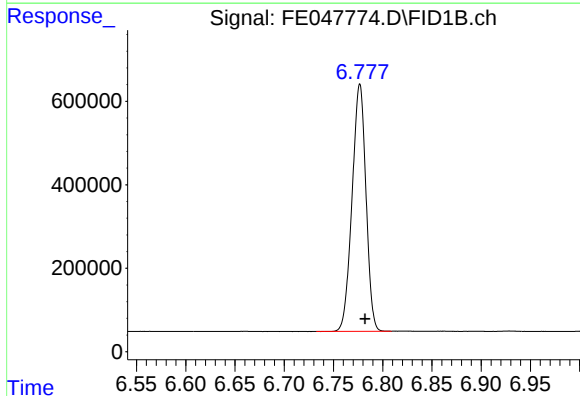
R.T.: 3.356 min
Delta R.T.: -0.008 min
Response: 3824109
Conc: 24.44 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160478BSD



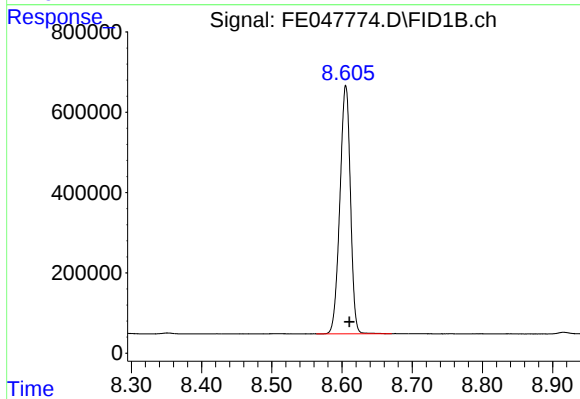
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.007 min
Response: 4858748
Conc: 30.23 ug/ml



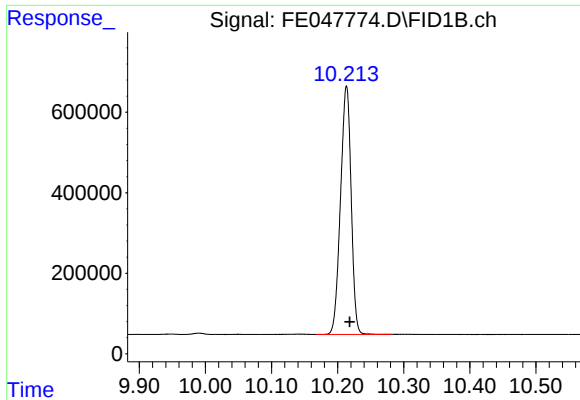
#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: -0.005 min
Response: 5808620
Conc: 35.79 ug/ml



#6 n-Tetradecane (C14)

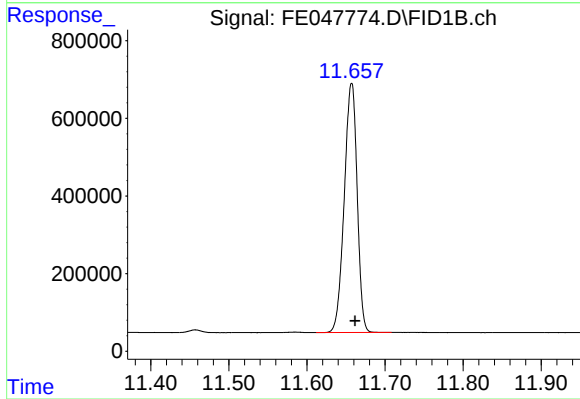
R.T.: 8.605 min
Delta R.T.: -0.005 min
Response: 6450753
Conc: 40.10 ug/ml



#7 n-Hexadecane (C16)

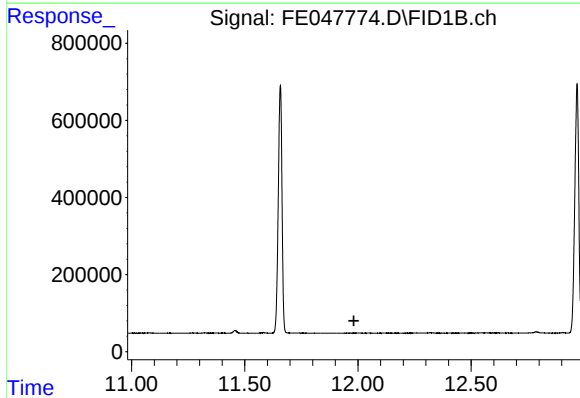
R.T.: 10.214 min
Delta R.T.: -0.005 min
Response: 6900442
Conc: 41.55 ug/ml

Instrument :
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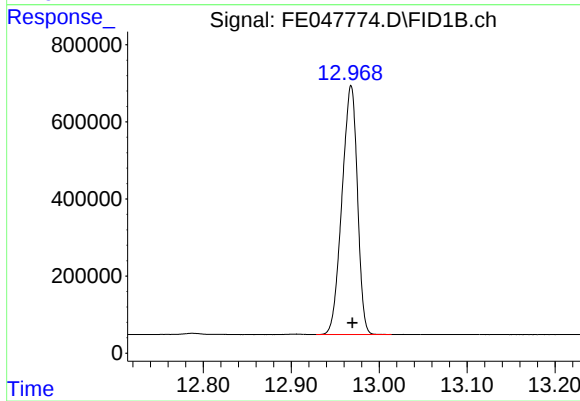
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.004 min
Response: 7379329
Conc: 44.00 ug/ml



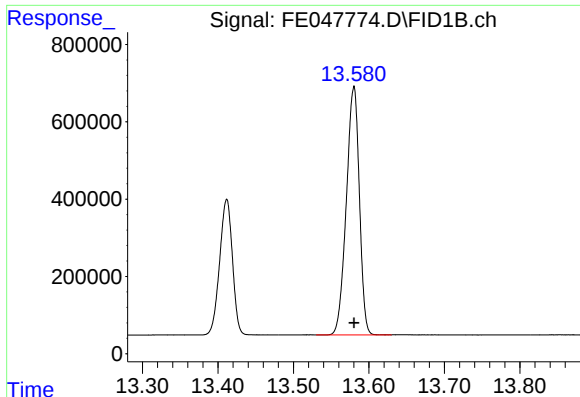
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.982 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

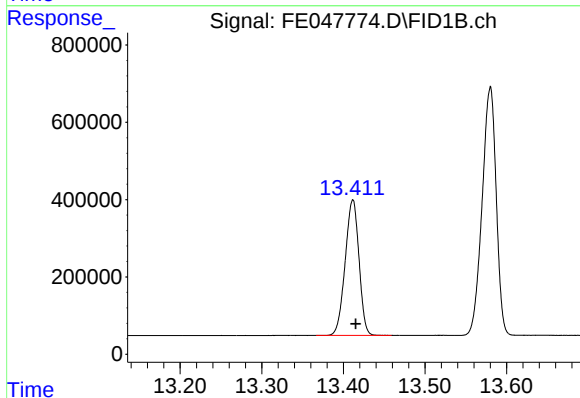
R.T.: 12.968 min
Delta R.T.: -0.001 min
Response: 7878411
Conc: 48.63 ug/ml



#11 n-Heneicosane (C21)

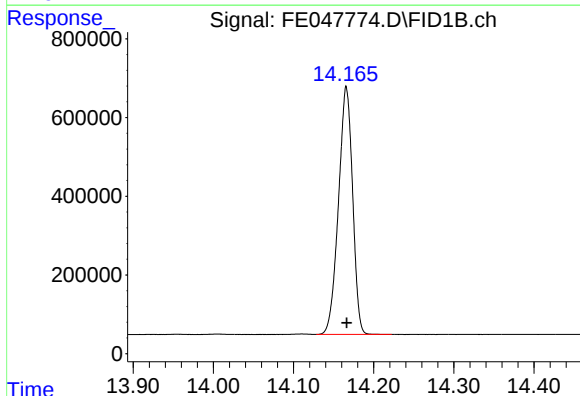
R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 7710057
Conc: 48.59 ug/ml

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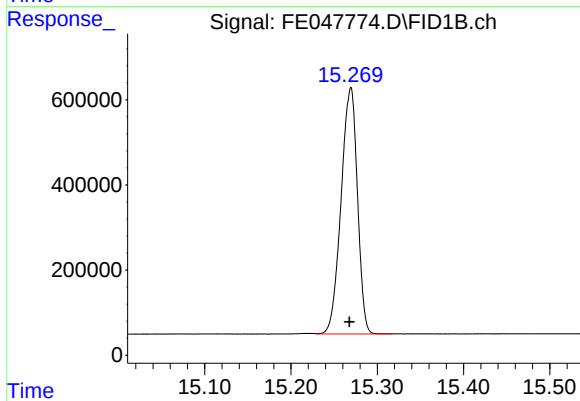
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.003 min
Response: 4125778
Conc: 30.68 ug/ml



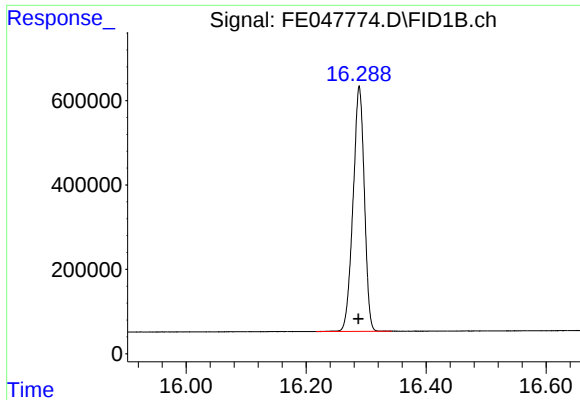
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 7699116
Conc: 47.98 ug/ml



#14 n-Tetracosane (C24)

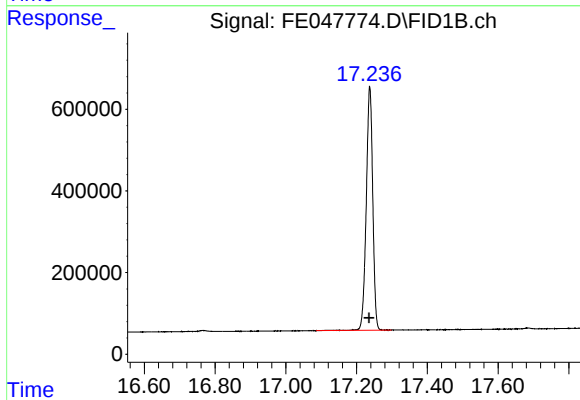
R.T.: 15.269 min
Delta R.T.: 0.002 min
Response: 7629430
Conc: 46.22 ug/ml



#15 n-Hexacosane (C26)

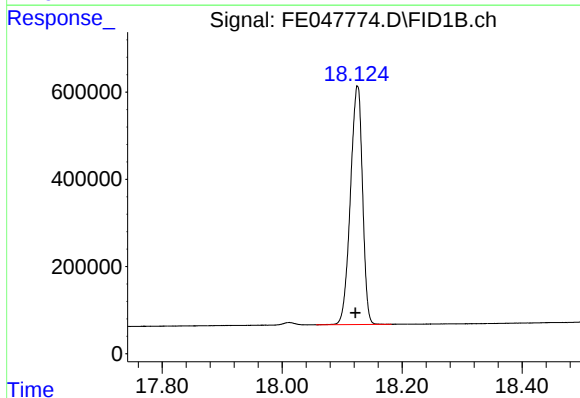
R.T.: 16.289 min
Delta R.T.: 0.002 min
Response: 7590678
Conc: 45.92 ug/ml

Instrument :
FID_E
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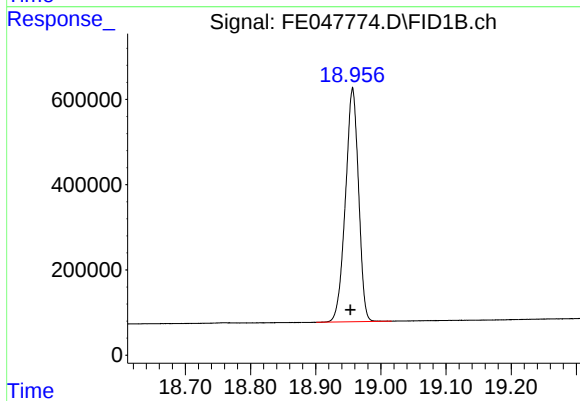
#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.002 min
Response: 7590857
Conc: 45.81 ug/ml



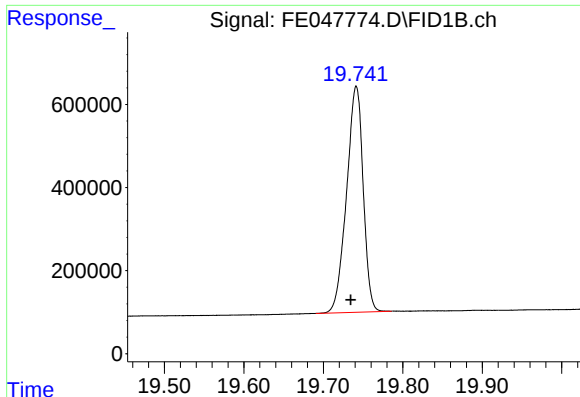
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: 0.004 min
Response: 7666373
Conc: 45.16 ug/ml



#18 n-Dotriacontane (C32)

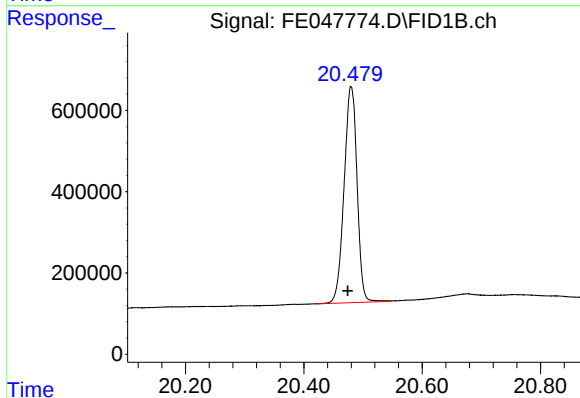
R.T.: 18.957 min
Delta R.T.: 0.003 min
Response: 7677030
Conc: 46.04 ug/ml



#19 n-Tetratriacontane (C34)

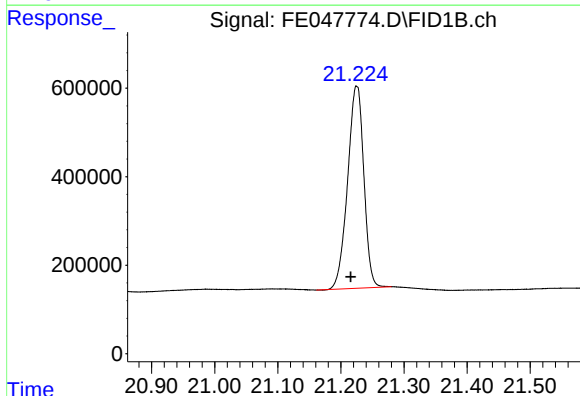
R.T.: 19.741 min
Delta R.T.: 0.007 min
Response: 7901959
Conc: 49.27 ug/ml

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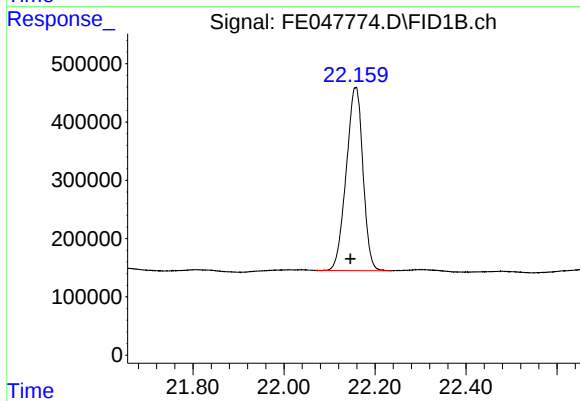
#20 n-Hexatriacontane (C36)

R.T.: 20.480 min
Delta R.T.: 0.006 min
Response: 8105613
Conc: 50.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.009 min
Response: 8159616
Conc: 50.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: 0.012 min
Response: 8019396
Conc: 48.98 ug/ml