

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048109.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2024 04:11
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Integration File: autoint1.e
 Quant Time: May 11 06:32:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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...	13.395	4827594	43.203 ug/ml
Spiked Amount 50.000		Recovery =	86.41%
Target Compounds			
1) T n-Nonane (C9)	3.347	419806	3.257 ug/ml
2) T n-Decane (C10)	4.595	532930	4.048 ug/ml
4) T n-Dodecane (C12)	6.760	716091	5.372 ug/ml
6) T n-Tetradecane (C14)	8.588	640392	4.832 ug/ml
7) T n-Hexadecane (C16)	10.195	632464	4.599 ug/ml
8) T n-Octadecane (C18)	11.637	686045	4.925 ug/ml
10) T n-Eicosane (C20)	12.946	740489	5.500 ug/ml
11) T n-Heneicosane (C21)	13.558	701958	5.303 ug/ml
13) T n-Docosane (C22)	14.144	724391	5.466 ug/ml
14) T n-Tetracosane (C24)	15.246	780256	5.860 ug/ml
15) T n-Hexacosane (C26)	16.266	753646	5.648 ug/ml
16) T n-Octacosane (C28)	17.214	772768	5.804 ug/ml
17) T n-Tricontane (C30)	18.101	835650	6.055 ug/ml
18) T n-Dotriacontane (C32)	18.932	1000520	7.244 ug/ml
19) T n-Tetratriacontane (C34)	19.718	808339	5.934 ug/ml
20) T n-Hexatriacontane (C36)	20.456	726228	5.364 ug/ml
21) T n-Octatriacontane (C38)	21.197	635887	4.606 ug/ml
22) T n-Tetracontane (C40)	22.116	685879	4.923 ug/ml

(f)=RT Delta > 1/2 Window

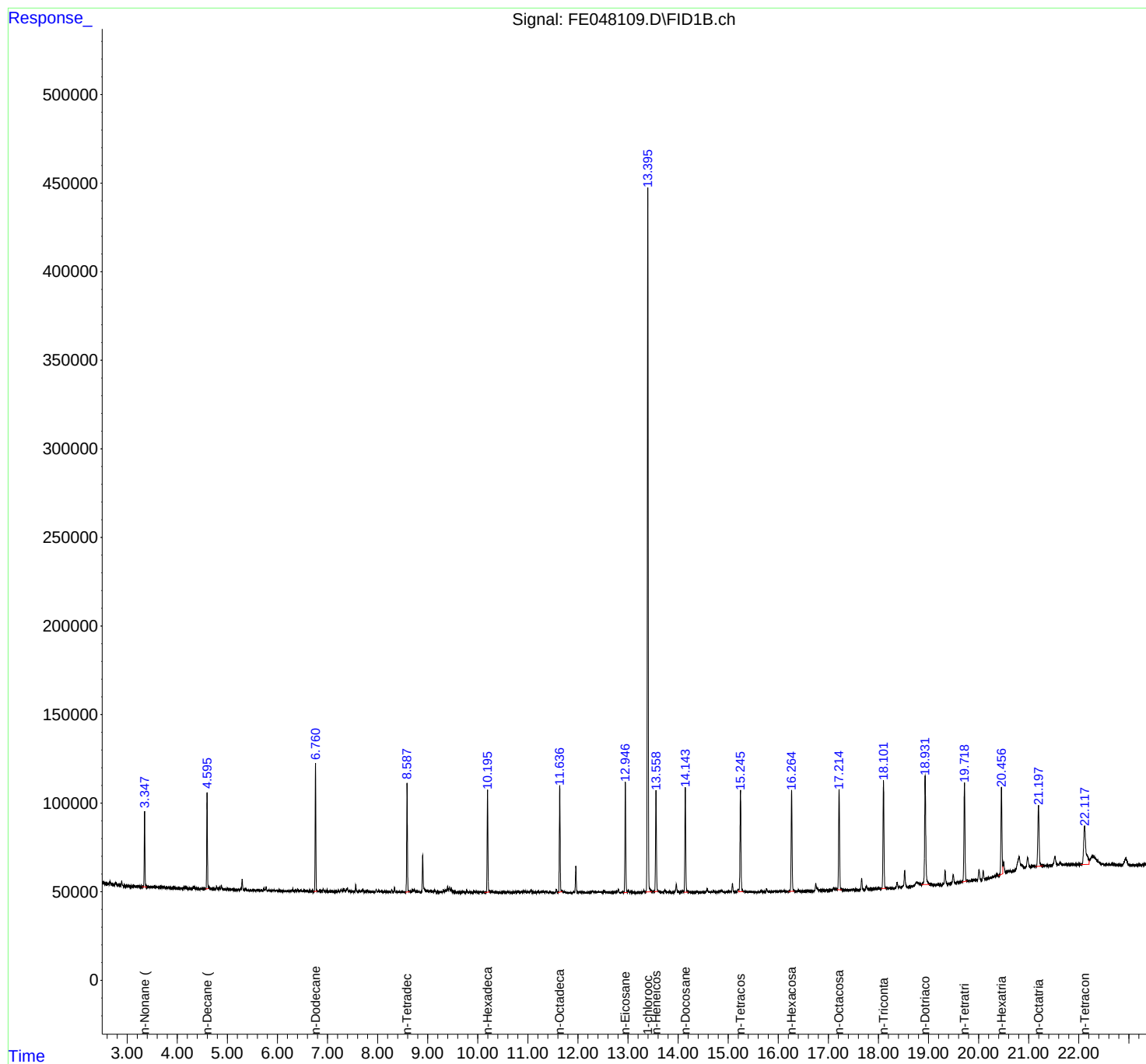
(m)=manual int.

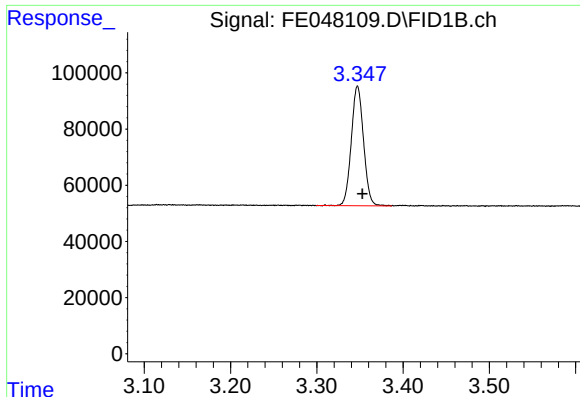
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
Data File : FE048109.D
Signal(s) : FID1B.ch
Acq On : 11 May 2024 04:11
Operator : YP\AJ
Sample : P2403-01
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ALS Vial : 27 Sample Multiplier: 1

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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
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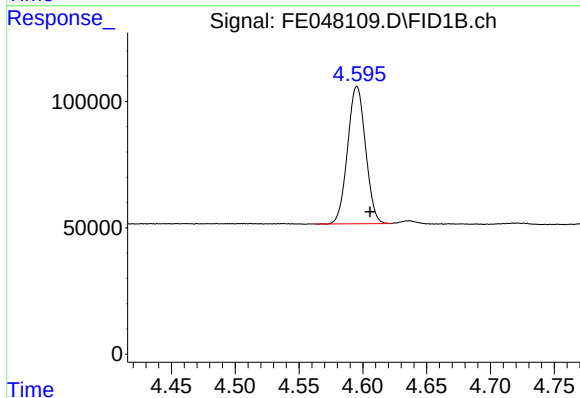




#1 n-Nonane (C9)

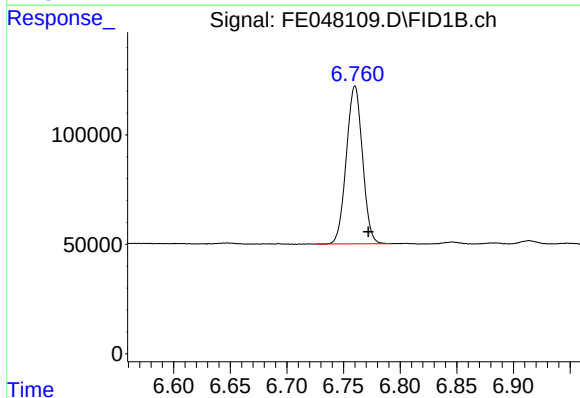
R.T.: 3.347 min
Delta R.T.: -0.006 min
Response: 419806
Conc: 3.26 ug/ml

Instrument :
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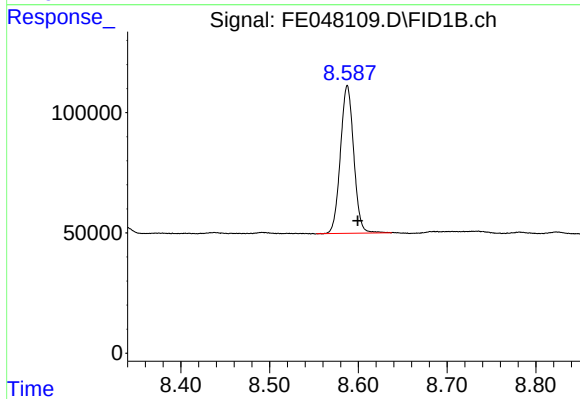
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.010 min
Response: 532930
Conc: 4.05 ug/ml



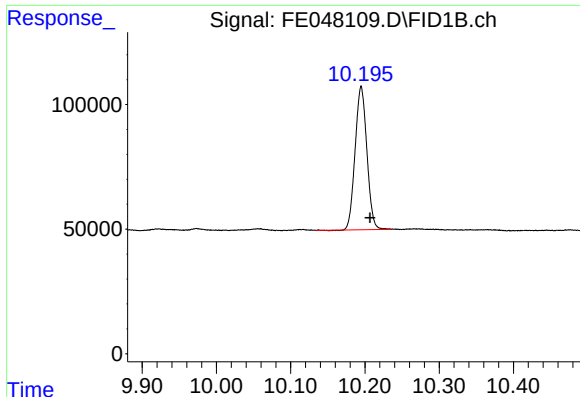
#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.012 min
Response: 716091
Conc: 5.37 ug/ml



#6 n-Tetradecane (C14)

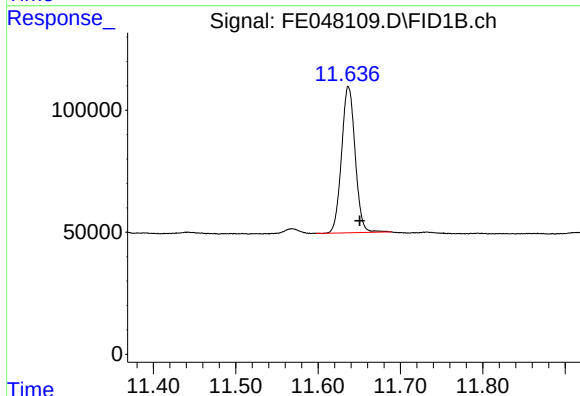
R.T.: 8.588 min
Delta R.T.: -0.012 min
Response: 640392
Conc: 4.83 ug/ml



#7 n-Hexadecane (C16)

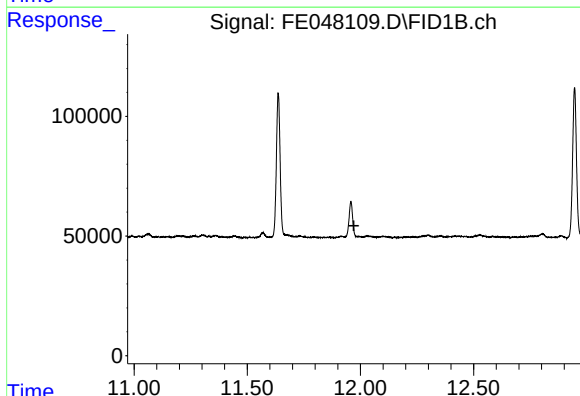
R.T.: 10.195 min
Delta R.T.: -0.012 min
Response: 632464
Conc: 4.60 ug/ml

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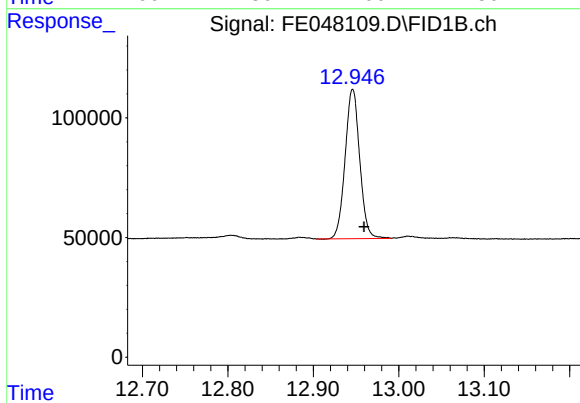
#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: -0.014 min
Response: 686045
Conc: 4.93 ug/ml



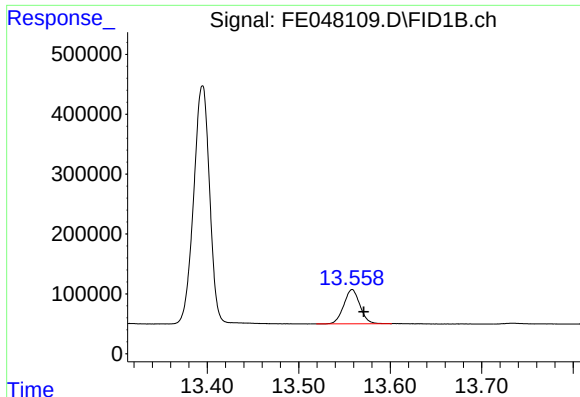
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.971 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

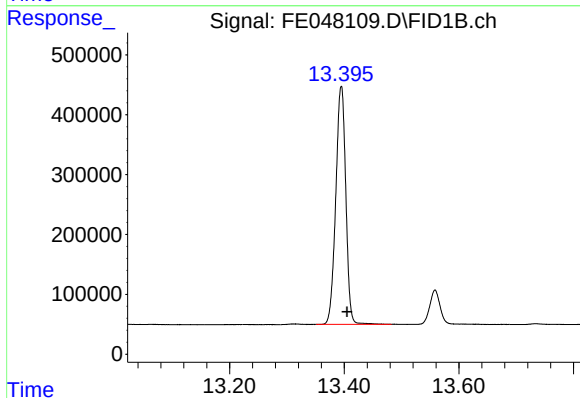
R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 740489
Conc: 5.50 ug/ml



#11 n-Heneicosane (C21)

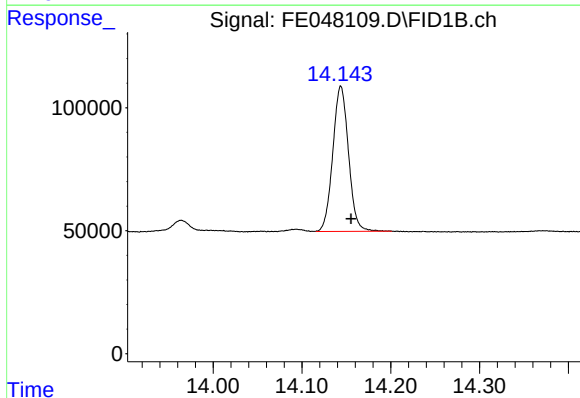
R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 701958
Conc: 5.30 ug/ml

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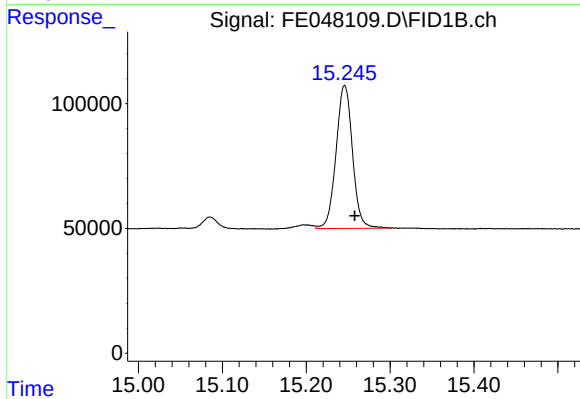
#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 4827594
Conc: 43.20 ug/ml



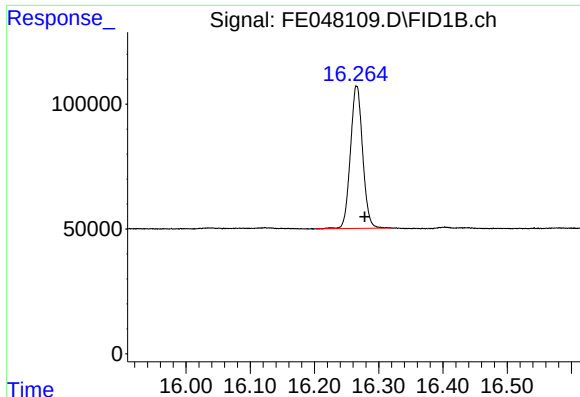
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.012 min
Response: 724391
Conc: 5.47 ug/ml



#14 n-Tetracosane (C24)

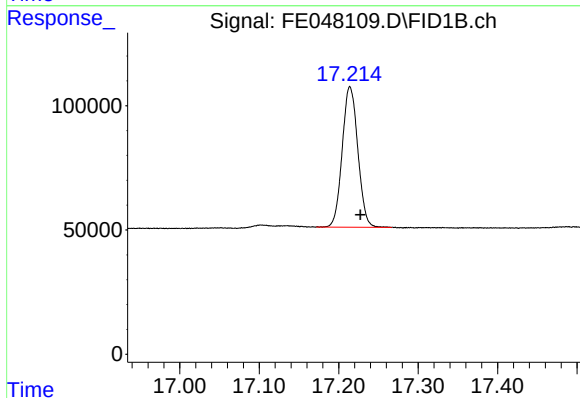
R.T.: 15.246 min
Delta R.T.: -0.012 min
Response: 780256
Conc: 5.86 ug/ml



#15 n-Hexacosane (C26)

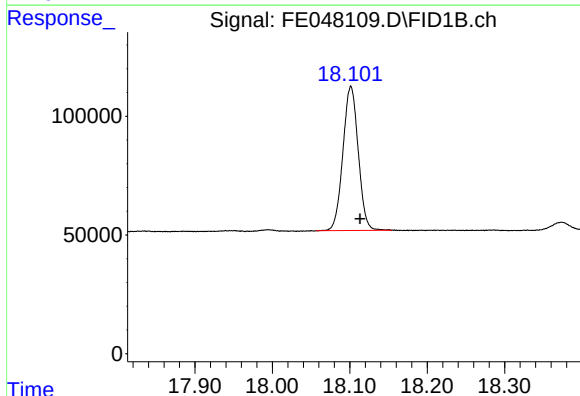
R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 753646
Conc: 5.65 ug/ml

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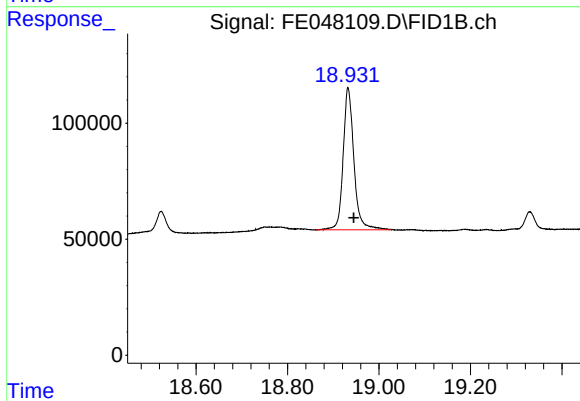
#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: -0.013 min
Response: 772768
Conc: 5.80 ug/ml



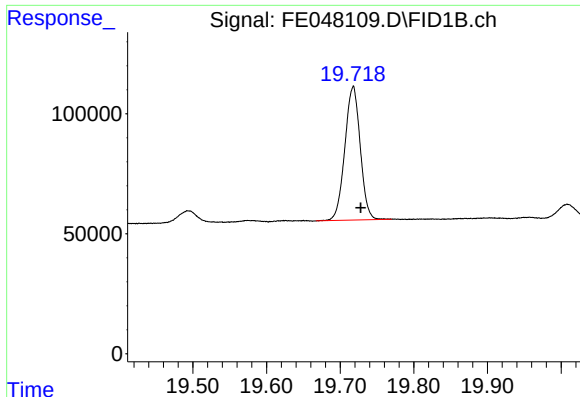
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: -0.012 min
Response: 835650
Conc: 6.05 ug/ml



#18 n-Dotriacontane (C32)

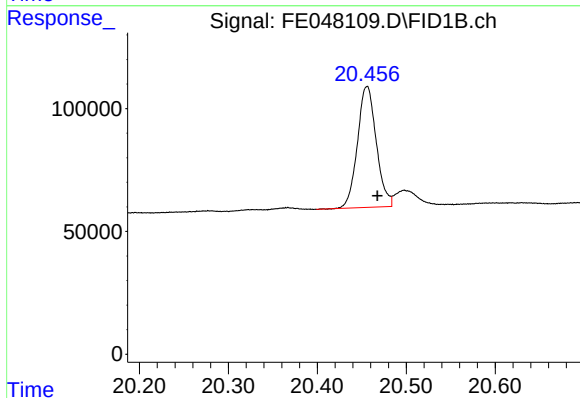
R.T.: 18.932 min
Delta R.T.: -0.012 min
Response: 1000520
Conc: 7.24 ug/ml



#19 n-Tetratriacontane (C34)

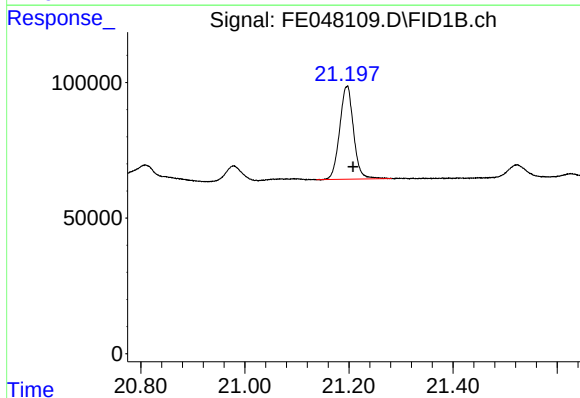
R.T.: 19.718 min
Delta R.T.: -0.010 min
Response: 808339
Conc: 5.93 ug/ml

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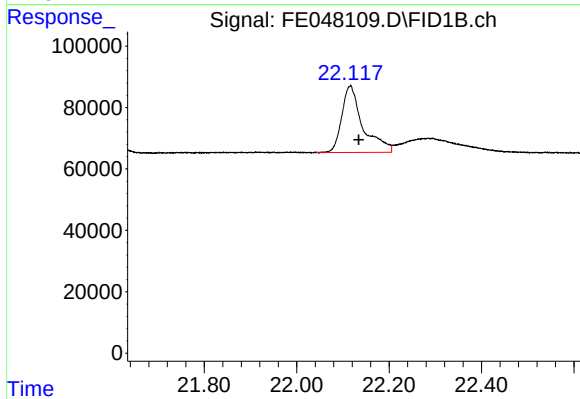
#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.011 min
Response: 726228
Conc: 5.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.011 min
Response: 635887
Conc: 4.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.018 min
Response: 685879
Conc: 4.92 ug/ml