

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051024AL\
 Data File : FE048110.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2024 04:42
 Operator : YP\AJ
 Sample : P2403-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 06:32:36 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...	13.394	5528016	49.472 ug/ml
Spiked Amount 50.000		Recovery =	98.94%
Target Compounds			
1) T n-Nonane (C9)	3.348	462708	3.590 ug/ml
2) T n-Decane (C10)	4.596	565213	4.293 ug/ml
4) T n-Dodecane (C12)	6.760	721957	5.416 ug/ml
6) T n-Tetradecane (C14)	8.588	647242	4.884 ug/ml
7) T n-Hexadecane (C16)	10.194	628402	4.569 ug/ml
8) T n-Octadecane (C18)	11.637	682677	4.901 ug/ml
10) T n-Eicosane (C20)	12.947	701205	5.208 ug/ml
11) T n-Heneicosane (C21)	13.558	655129	4.949 ug/ml
13) T n-Docosane (C22)	14.144	688950	5.199 ug/ml
14) T n-Tetracosane (C24)	15.247	706276	5.304 ug/ml
15) T n-Hexacosane (C26)	16.267	677196	5.075 ug/ml
16) T n-Octacosane (C28)	17.214	670909	5.039 ug/mlm
17) T n-Tricontane (C30)	18.101	688525	4.989 ug/ml
18) T n-Dotriacontane (C32)	18.933	794784	5.754 ug/ml
19) T n-Tetratriacontane (C34)	19.717	712366	5.229 ug/ml
20) T n-Hexatriacontane (C36)	20.456	644596	4.761 ug/ml
21) T n-Octatriacontane (C38)	21.195	624488	4.523 ug/ml
22) T n-Tetracontane (C40)	22.114	734215	5.270 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 11 May 2024 04:42
Operator : YP\AJ
Sample : P2403-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

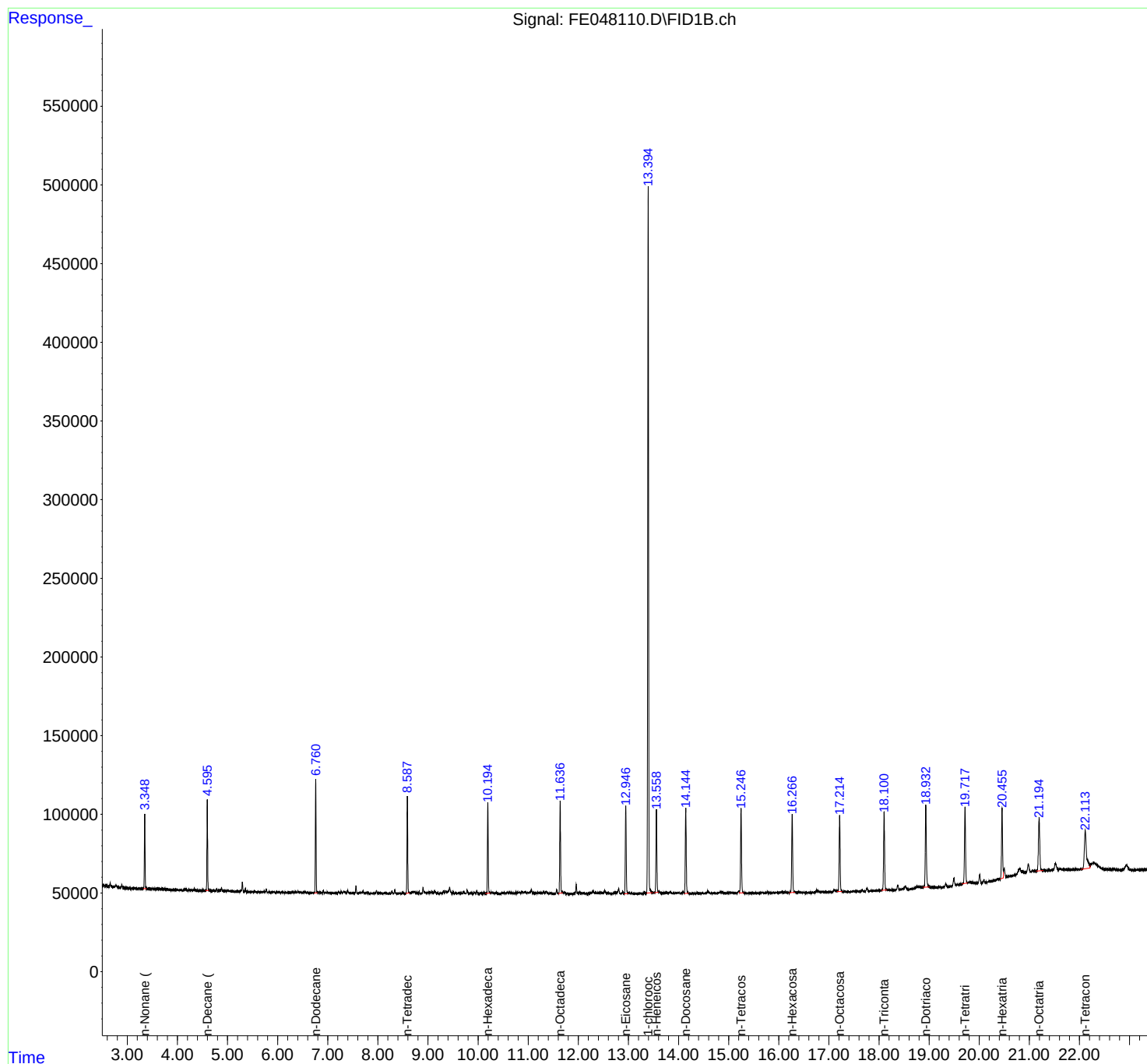
Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2024

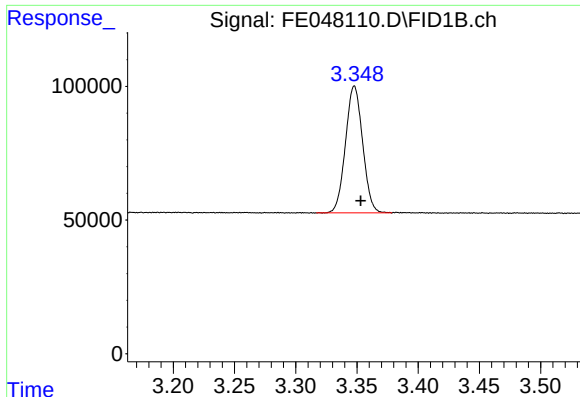
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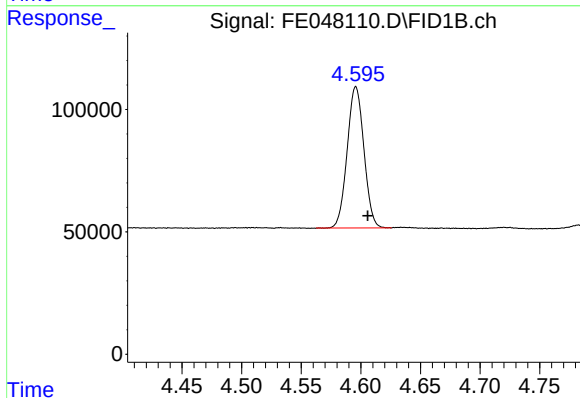
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.005 min
Response: 462708
Conc: 3.59 ug/ml

Instrument : FID_E
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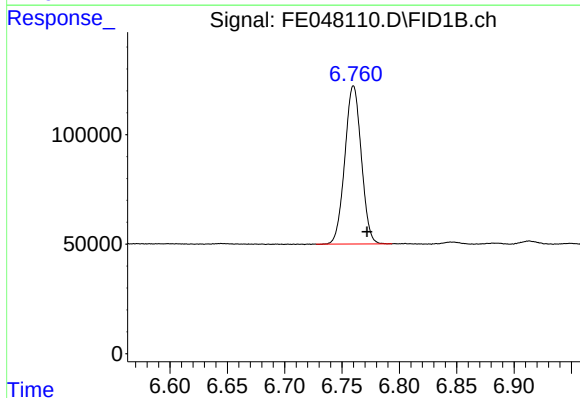
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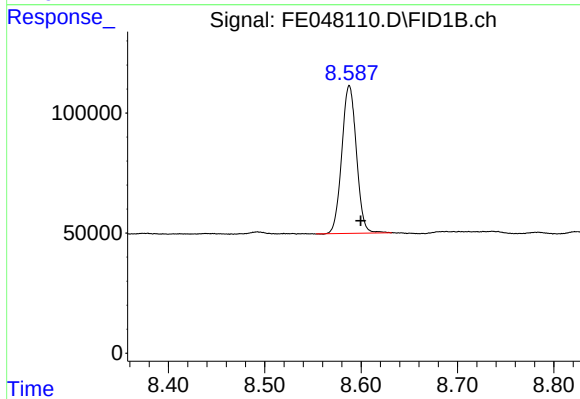
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.010 min
Response: 565213
Conc: 4.29 ug/ml



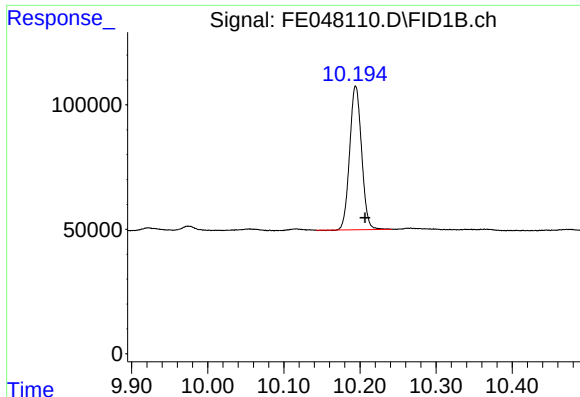
#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.012 min
Response: 721957
Conc: 5.42 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.012 min
Response: 647242
Conc: 4.88 ug/ml



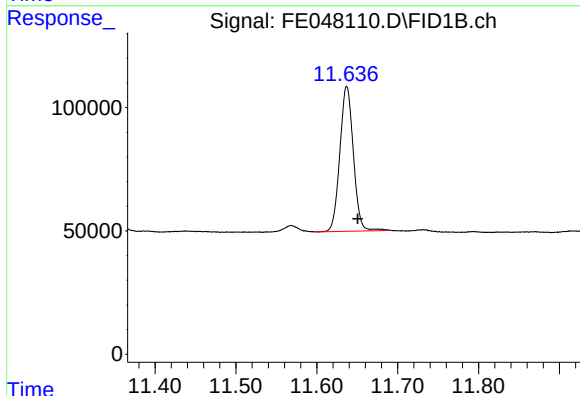
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 628402
Conc: 4.57 ug/ml

Instrument :
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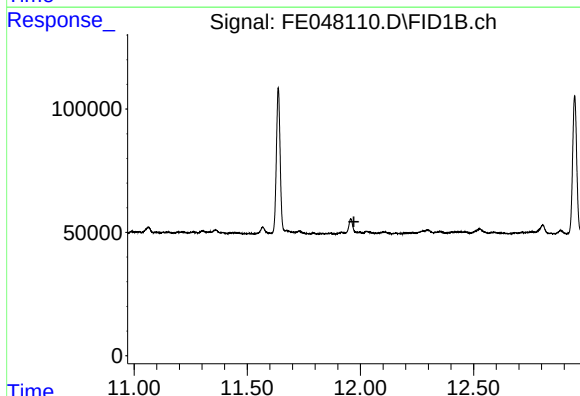
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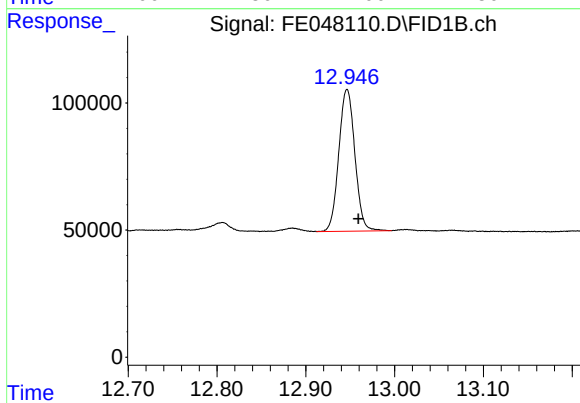
#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: -0.014 min
Response: 682677
Conc: 4.90 ug/ml



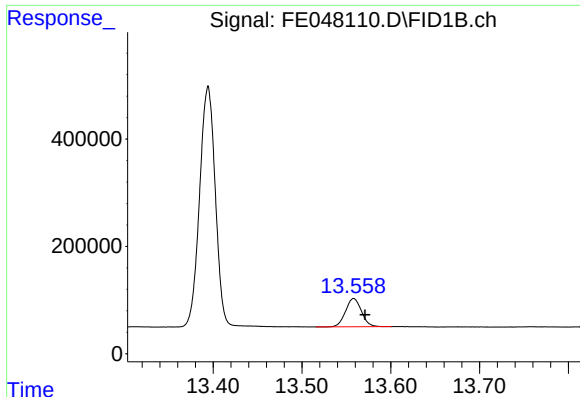
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.013 min
Response: 701205
Conc: 5.21 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 655129
Conc: 4.95 ug/ml

Instrument :

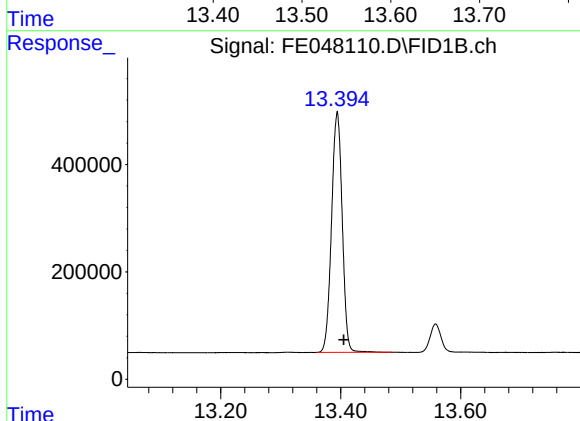
FID_E

ClientSampleId :

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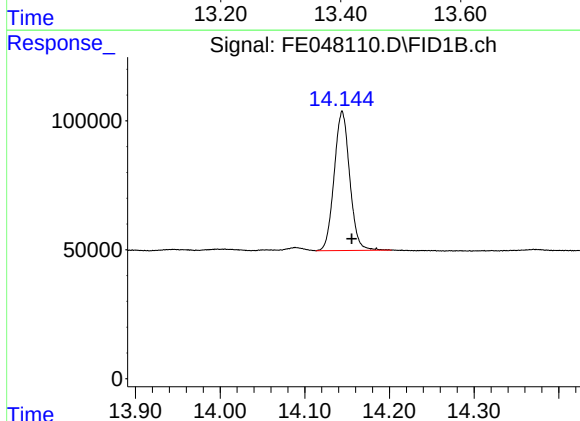
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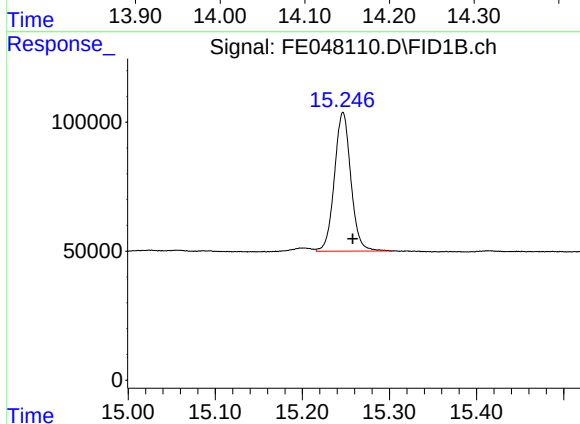
#12 1-chlorooctadecane (SURR)

R.T.: 13.394 min
Delta R.T.: -0.011 min
Response: 5528016
Conc: 49.47 ug/ml



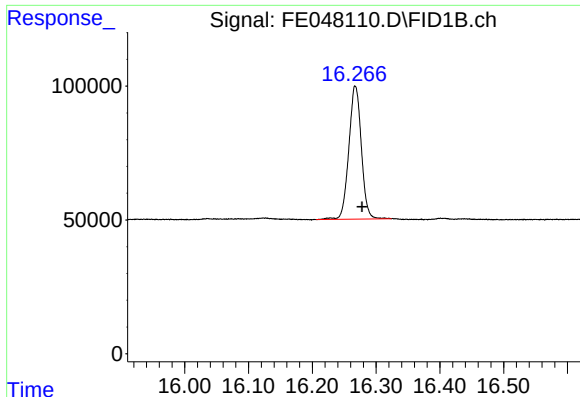
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 688950
Conc: 5.20 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.011 min
Response: 706276
Conc: 5.30 ug/ml



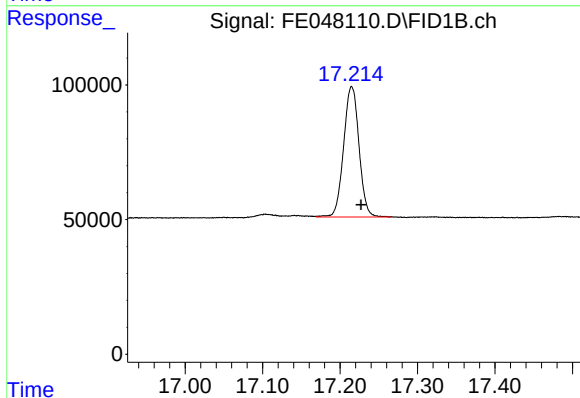
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.011 min
Response: 677196
Conc: 5.07 ug/ml

Instrument :
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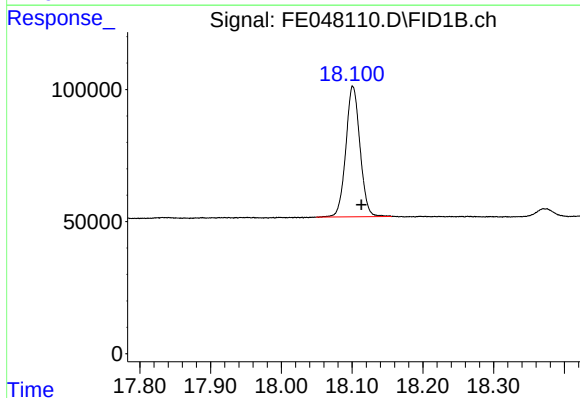
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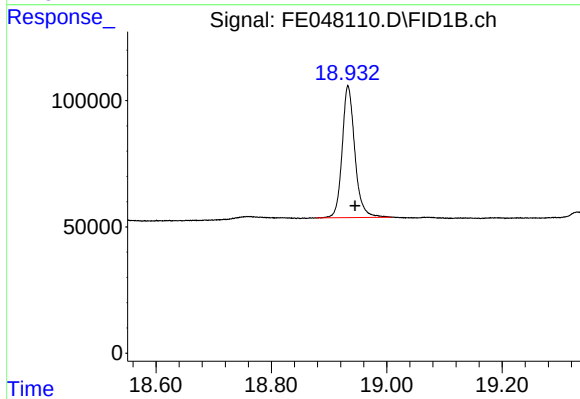
#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: -0.013 min
Response: 670909
Conc: 5.04 ug/ml m



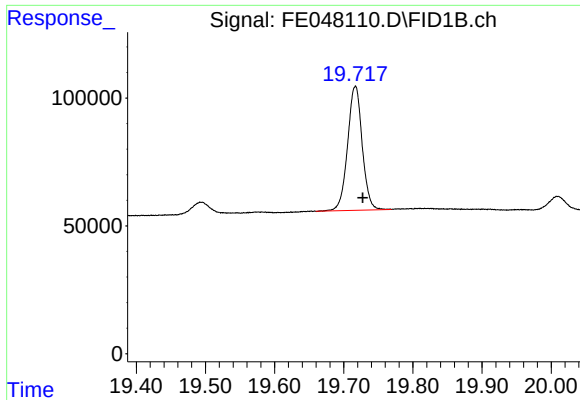
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: -0.012 min
Response: 688525
Conc: 4.99 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.012 min
Response: 794784
Conc: 5.75 ug/ml



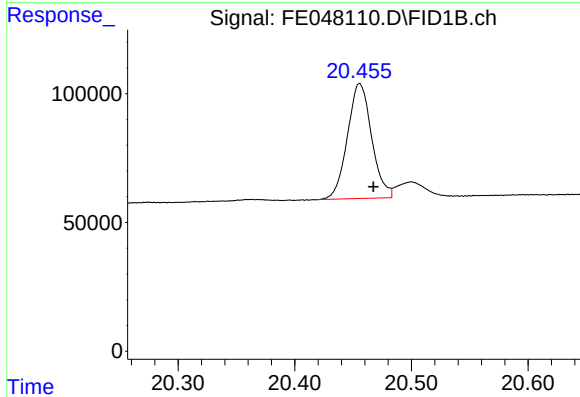
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.011 min
Response: 712366
Conc: 5.23 ug/ml

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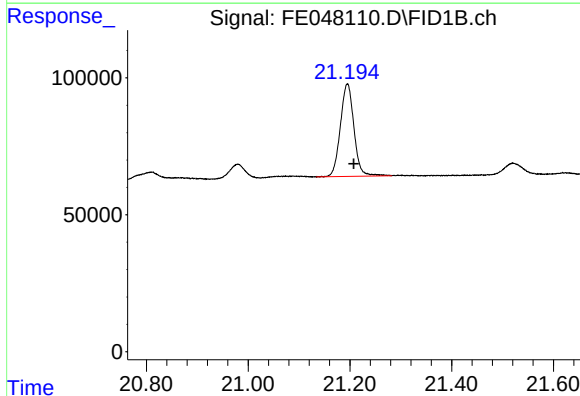
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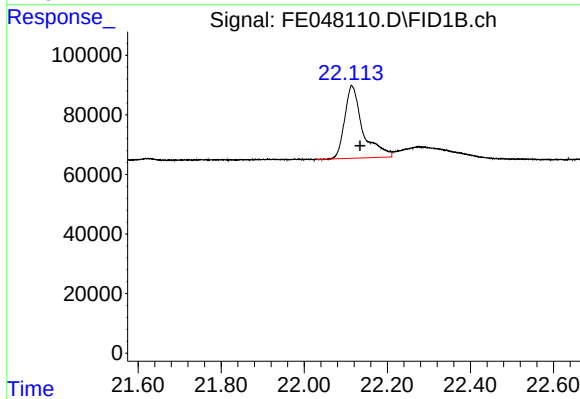
#20 n-Hexatriacontane (C36)

R.T.: 20.456 min
Delta R.T.: -0.012 min
Response: 644596
Conc: 4.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.012 min
Response: 624488
Conc: 4.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.020 min
Response: 734215
Conc: 5.27 ug/ml