

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
 Data File : FF015370.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 18:50
 Operator : YP\AJ
 Sample : Q1168-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:25:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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...	13.368	4308402	35.384 ug/ml
Spiked Amount 50.000		Recovery =	70.77%
Target Compounds			
1) T n-Nonane (C9)	3.316	192115	1.480 ug/ml
2) T n-Decane (C10)	4.568	229295	1.725 ug/ml
4) T n-Dodecane (C12)	6.732	294523	2.167 ug/ml
6) T n-Tetradecane (C14)	8.558	272108	1.979 ug/ml
7) T n-Hexadecane (C16)	10.166	235349	1.624 ug/ml
8) T n-Octadecane (C18)	11.609	263557	1.773 ug/ml
10) T n-Eicosane (C20)	12.919	292344	2.037 ug/mlm
11) T n-Heneicosane (C21)	13.532	273435	1.934 ug/ml
13) T n-Docosane (C22)	14.119	279880	1.991 ug/mlm
14) T n-Tetracosane (C24)	15.224	276215	1.985 ug/ml
15) T n-Hexacosane (C26)	16.247	275192	2.032 ug/ml
16) T n-Octacosane (C28)	17.198	286188	2.175 ug/ml
17) T n-Tricontane (C30)	18.087	310136	2.338 ug/ml
18) T n-Dotriacontane (C32)	18.922	324537	2.573 ug/ml
19) T n-Tetratriacontane (C34)	19.708	278307	2.556 ug/ml
20) T n-Hexatriacontane (C36)	20.449	245689	2.632 ug/mlm
21) T n-Octatriacontane (C38)	21.193	211103	2.406 ug/ml
22) T n-Tetracontane (C40)	22.122	173651	2.049 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : Q1168-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

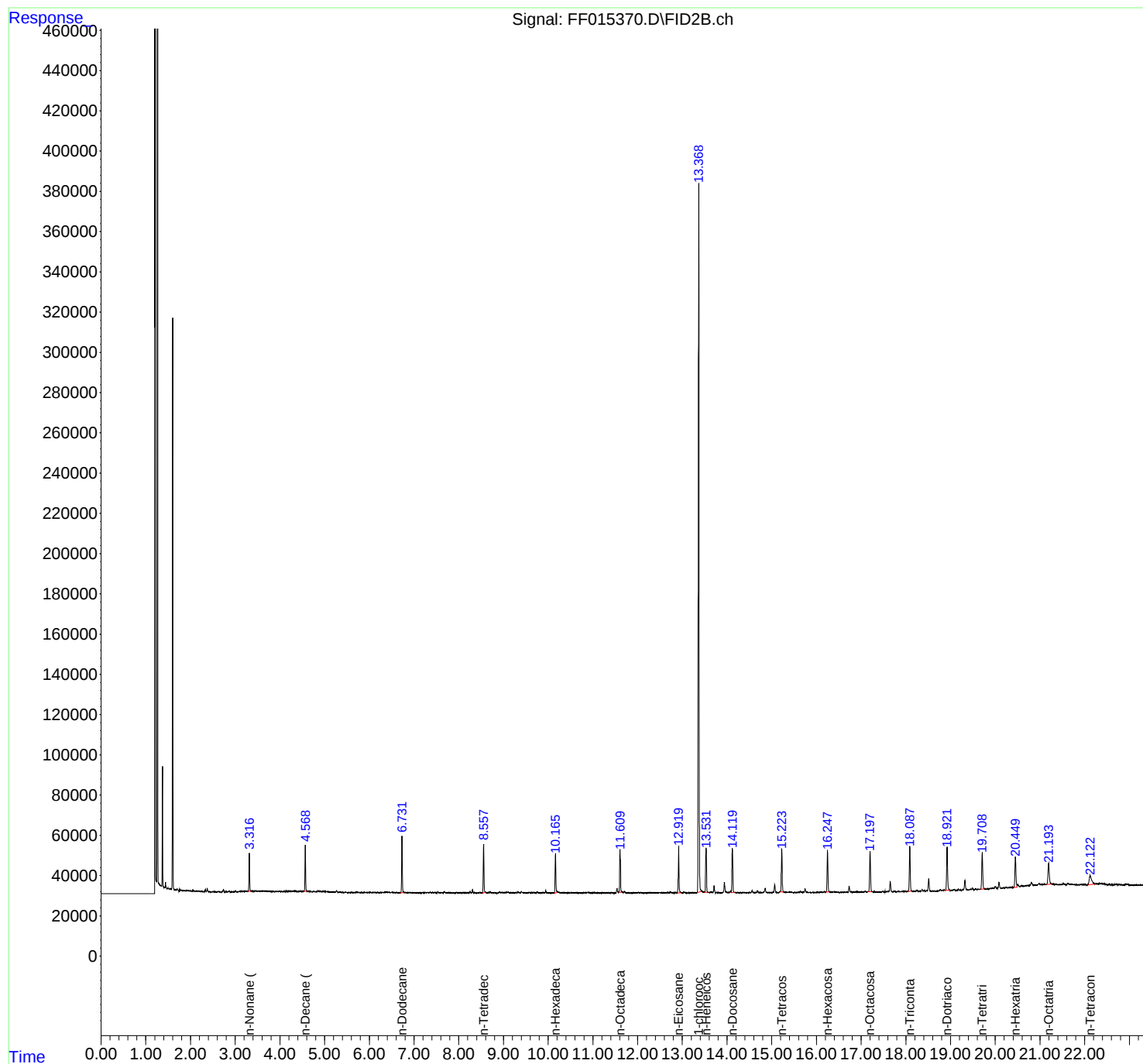
Instrument :
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ClientSampleId :
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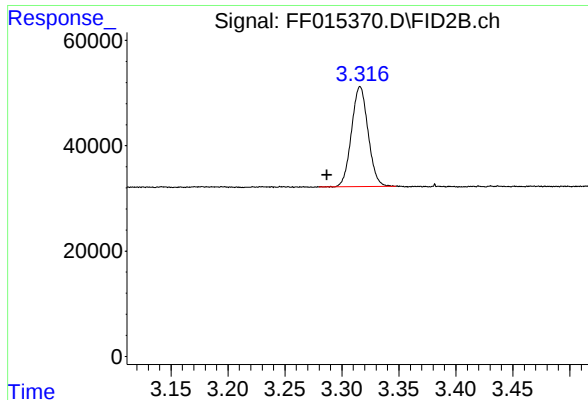
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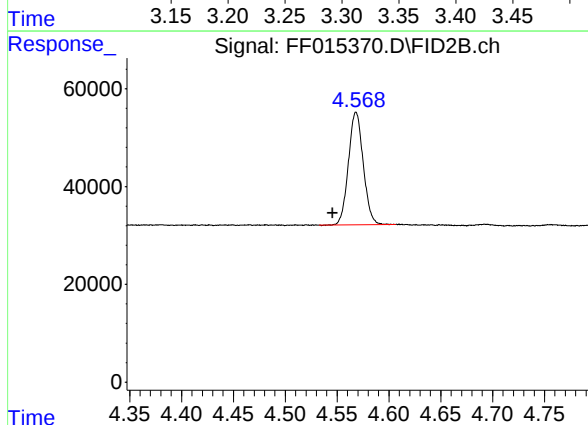
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.029 min
Response: 192115
Conc: 1.48 ug/ml

Instrument : FID_F
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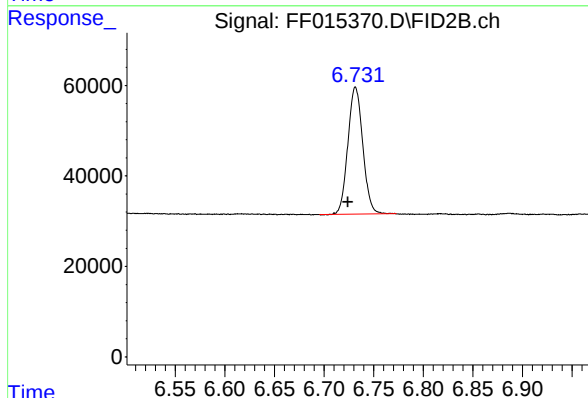
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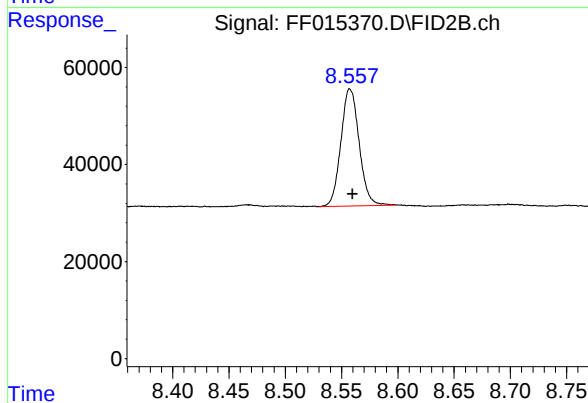
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.023 min
Response: 229295
Conc: 1.73 ug/ml



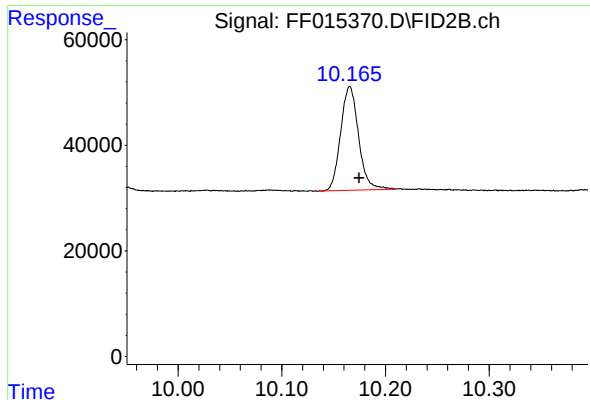
#4 n-Dodecane (C12)

R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 294523
Conc: 2.17 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.002 min
Response: 272108
Conc: 1.98 ug/ml



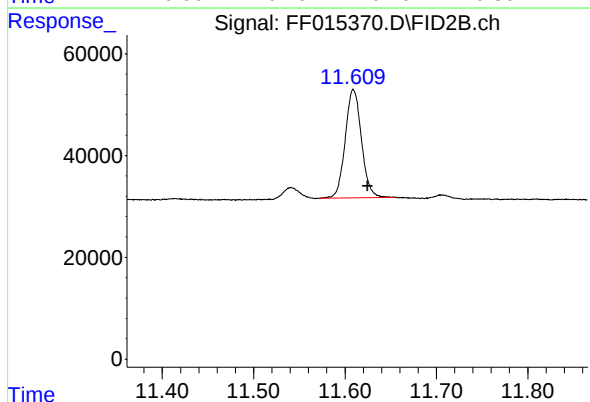
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.009 min
Response: 235349
Conc: 1.62 ug/ml

Instrument : FID_F
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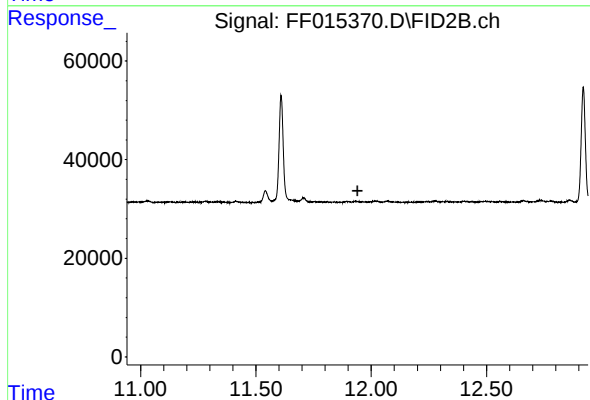
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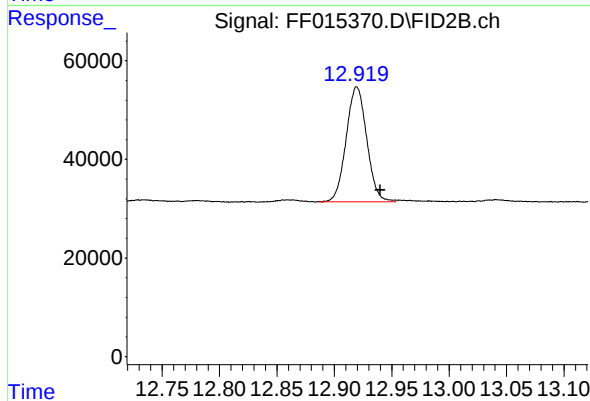
#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.016 min
Response: 263557
Conc: 1.77 ug/ml



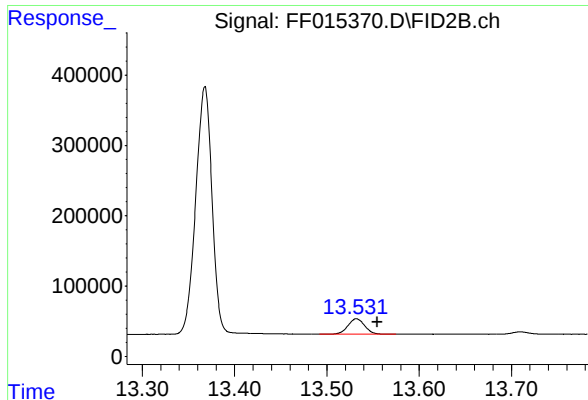
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.021 min
Response: 292344
Conc: 2.04 ug/ml m



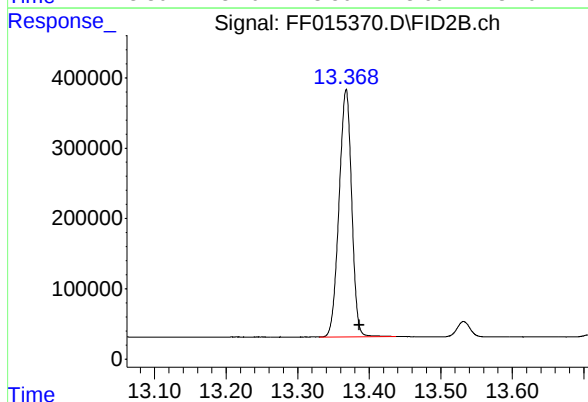
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.023 min
Response: 273435
Conc: 1.93 ug/ml

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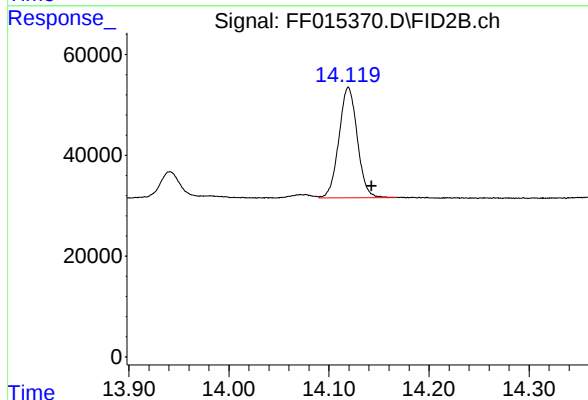
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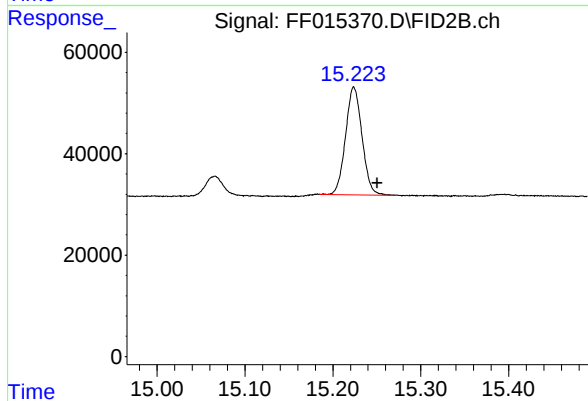
#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.019 min
Response: 4308402
Conc: 35.38 ug/ml



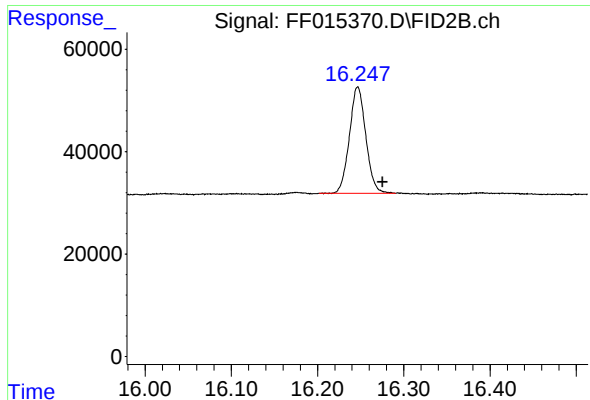
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.024 min
Response: 279880
Conc: 1.99 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.027 min
Response: 276215
Conc: 1.98 ug/ml



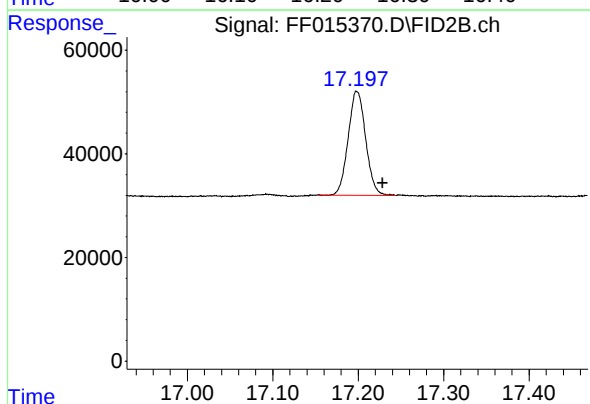
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.029 min
Response: 275192
Conc: 2.03 ug/ml

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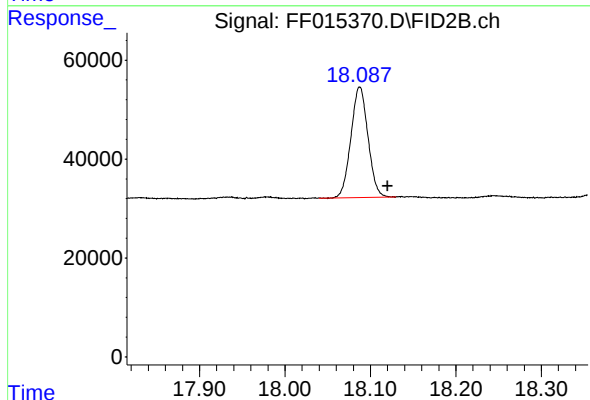
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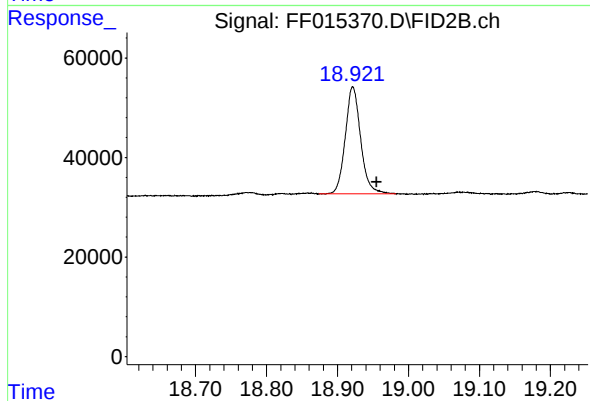
#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.030 min
Response: 286188
Conc: 2.17 ug/ml



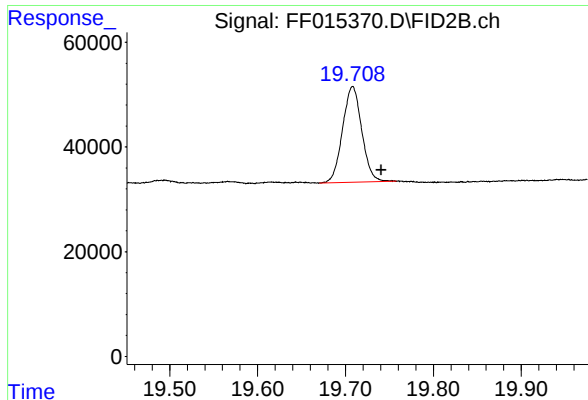
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: -0.033 min
Response: 310136
Conc: 2.34 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.034 min
Response: 324537
Conc: 2.57 ug/ml



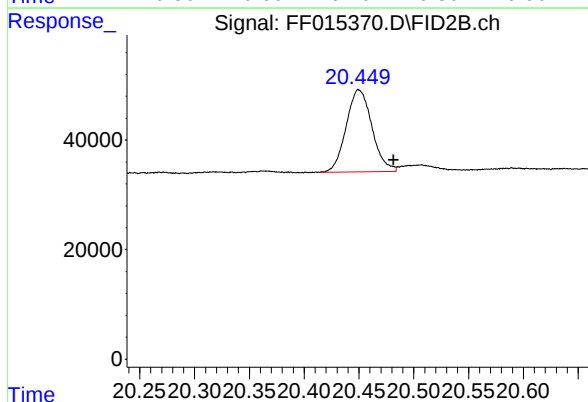
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.033 min
Response: 278307
Conc: 2.56 ug/ml

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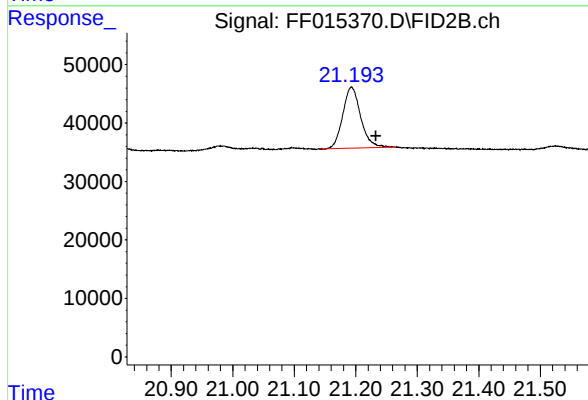
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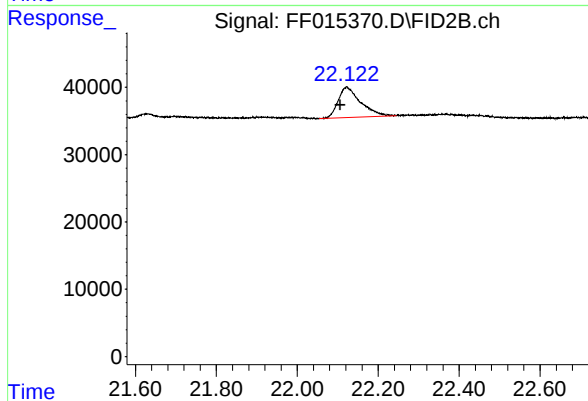
#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: -0.033 min
Response: 245689
Conc: 2.63 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.040 min
Response: 211103
Conc: 2.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.016 min
Response: 173651
Conc: 2.05 ug/ml