

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
 Data File : FF014207.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 12:58
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-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 13 04:07:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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...	13.284	4854179	47.861 ug/ml
Spiked Amount 50.000		Recovery =	95.72%
Target Compounds			
1) T n-Nonane (C9)	3.241	292925	2.249 ug/ml
2) T n-Decane (C10)	4.489	366360	2.765 ug/ml
4) T n-Dodecane (C12)	6.652	496201	3.734 ug/ml
6) T n-Tetradecane (C14)	8.478	448737	3.474 ug/ml
7) T n-Hexadecane (C16)	10.084	425108	3.248 ug/ml
8) T n-Octadecane (C18)	11.528	482477	3.629 ug/ml
10) T n-Eicosane (C20)	12.837	499777	3.914 ug/ml
11) T n-Heneicosane (C21)	13.450	477371	3.819 ug/ml
13) T n-Docosane (C22)	14.037	493836	4.011 ug/ml
14) T n-Tetracosane (C24)	15.141	487645	4.039 ug/mlm
15) T n-Hexacosane (C26)	16.162	468150	4.022 ug/mlm
16) T n-Octacosane (C28)	17.113	429270	3.821 ug/ml
17) T n-Tricontane (C30)	18.002	427092	3.803 ug/ml
18) T n-Dotriacontane (C32)	18.835	429312	3.942 ug/ml
19) T n-Tetratriacontane (C34)	19.618	376222	3.611 ug/ml
20) T n-Hexatriacontane (C36)	20.358	308208	3.109 ug/ml
21) T n-Octatriacontane (C38)	21.085	291177	3.017 ug/ml
22) T n-Tetracontane (C40)	21.966	302253	3.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2403-01
Misc :
ALS Vial : 74 Sample Multiplier: 1

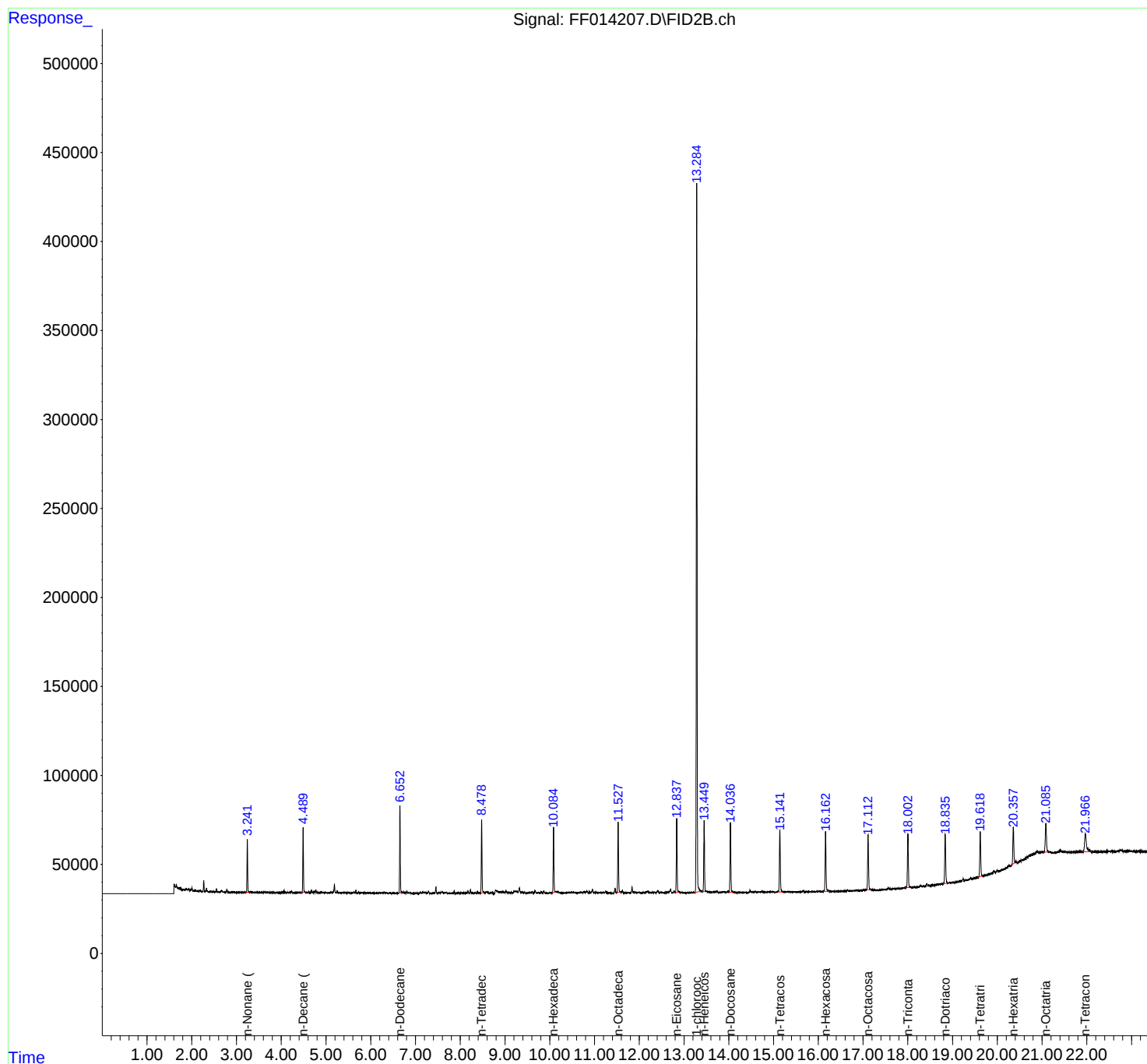
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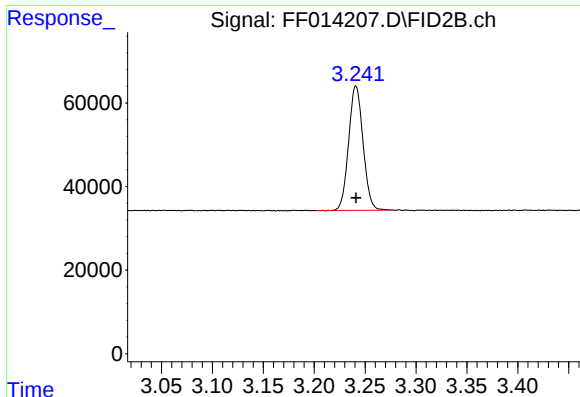
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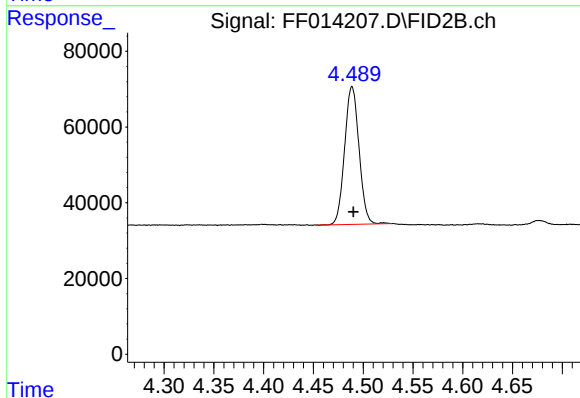
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 292925
Conc: 2.25 ug/ml

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

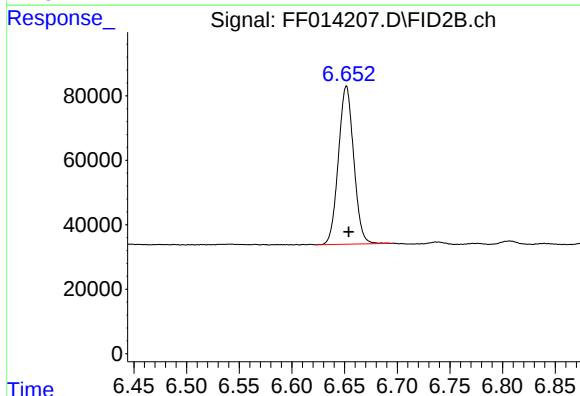
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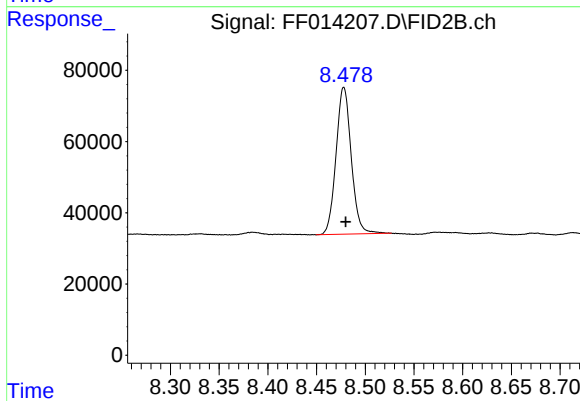
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 366360
Conc: 2.76 ug/ml



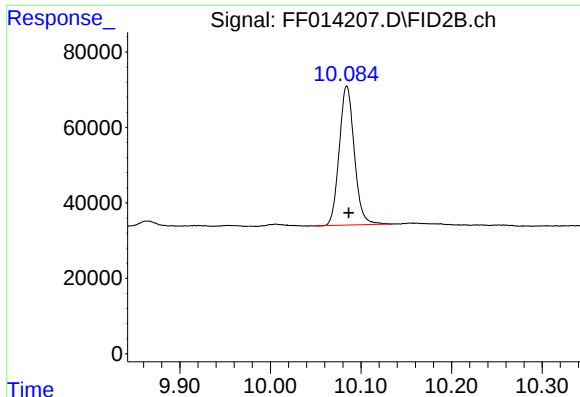
#4 n-Dodecane (C12)

R.T.: 6.652 min
Delta R.T.: -0.002 min
Response: 496201
Conc: 3.73 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 448737
Conc: 3.47 ug/ml



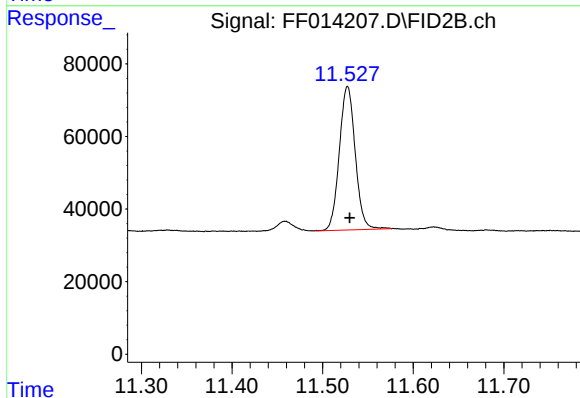
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.002 min
Response: 425108
Conc: 3.25 ug/ml

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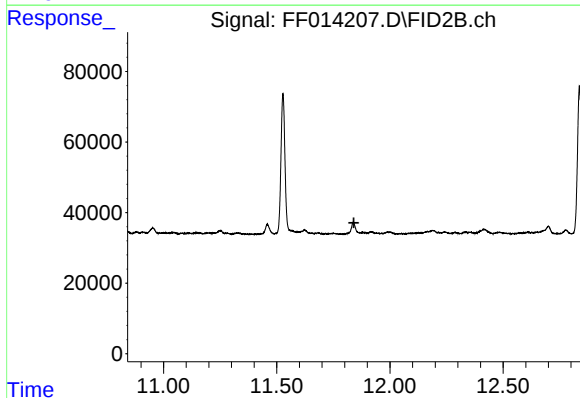
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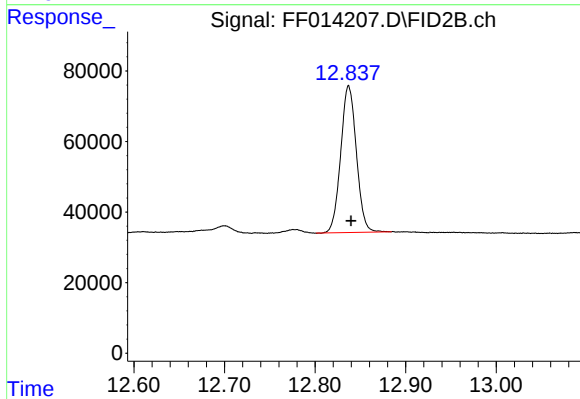
#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 482477
Conc: 3.63 ug/ml



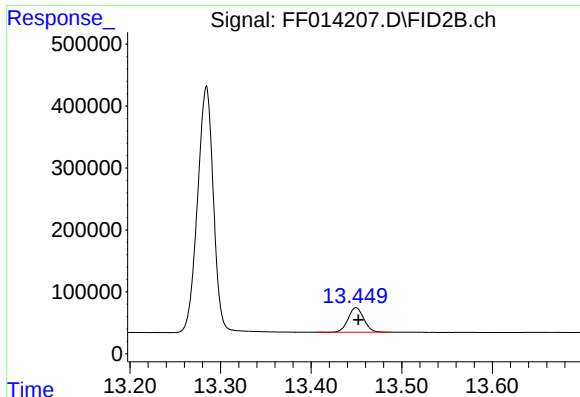
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.841 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.003 min
Response: 499777
Conc: 3.91 ug/ml



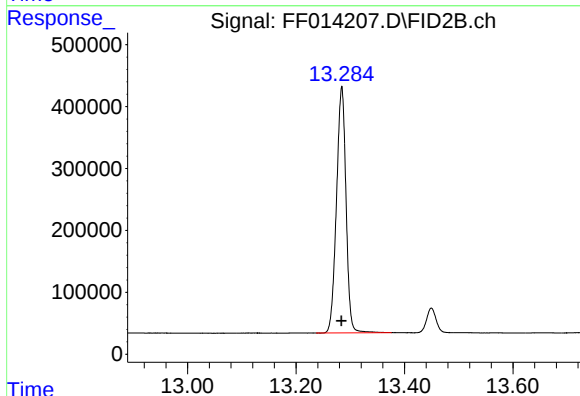
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 477371
Conc: 3.82 ug/ml

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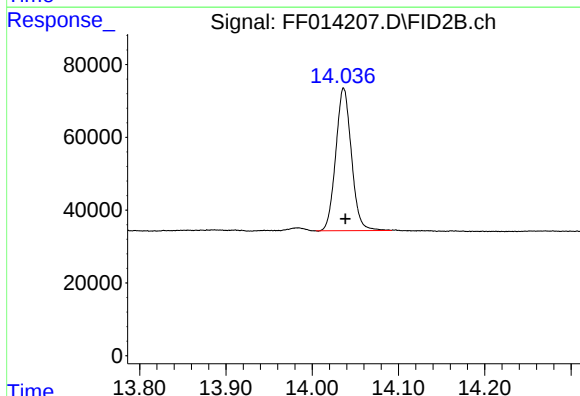
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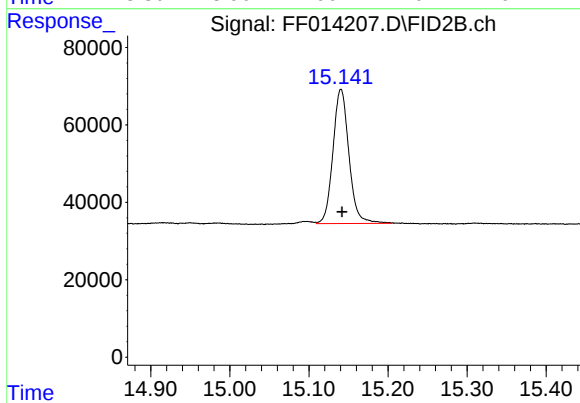
#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: 0.000 min
Response: 4854179
Conc: 47.86 ug/ml



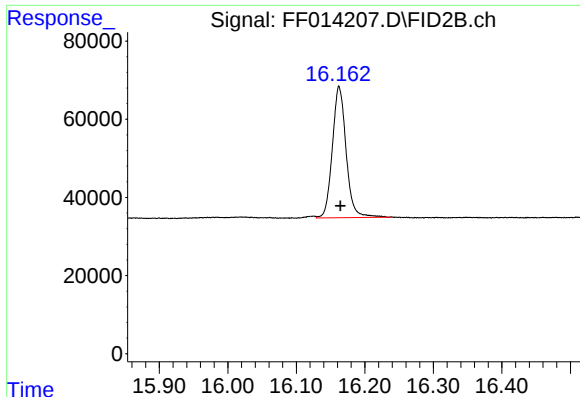
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.002 min
Response: 493836
Conc: 4.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.002 min
Response: 487645
Conc: 4.04 ug/ml m



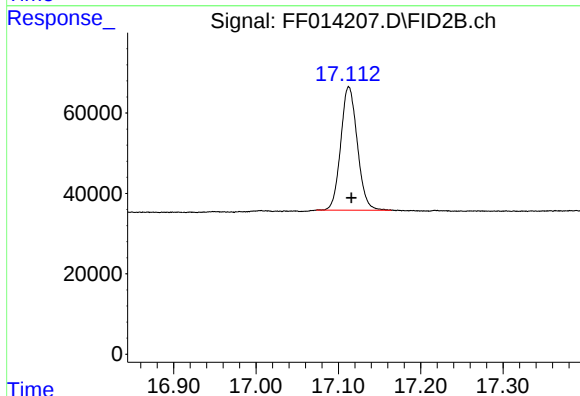
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.003 min
Response: 468150
Conc: 4.02 ug/ml

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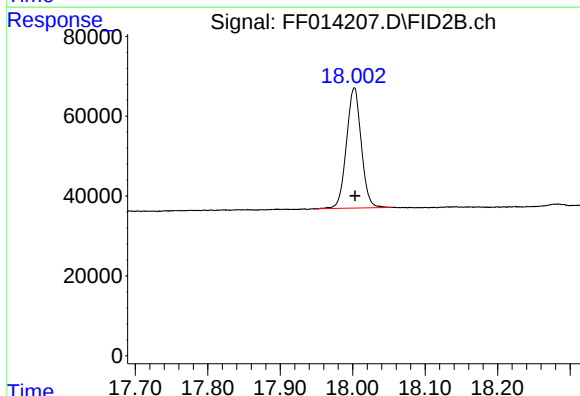
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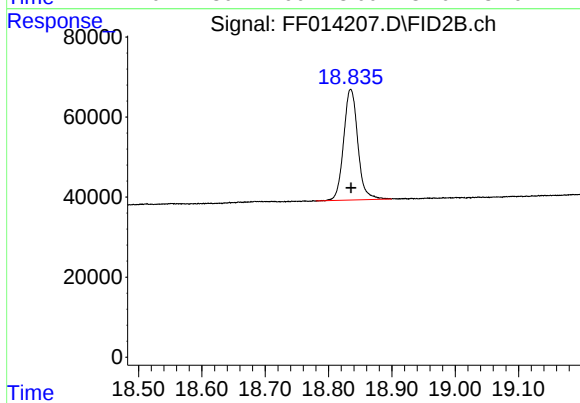
#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.003 min
Response: 429270
Conc: 3.82 ug/ml



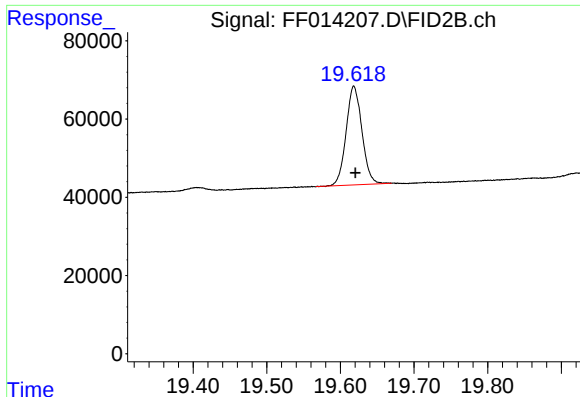
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.001 min
Response: 427092
Conc: 3.80 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: 0.000 min
Response: 429312
Conc: 3.94 ug/ml



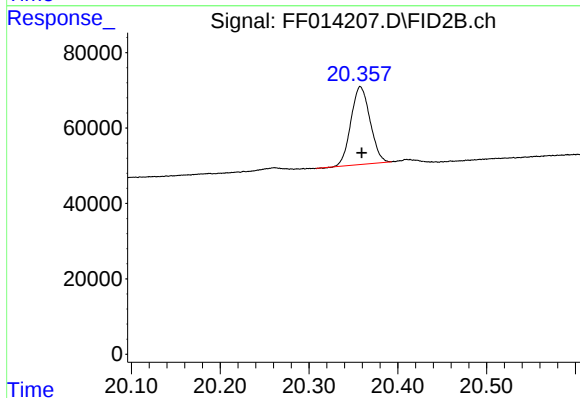
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.002 min
Response: 376222
Conc: 3.61 ug/ml

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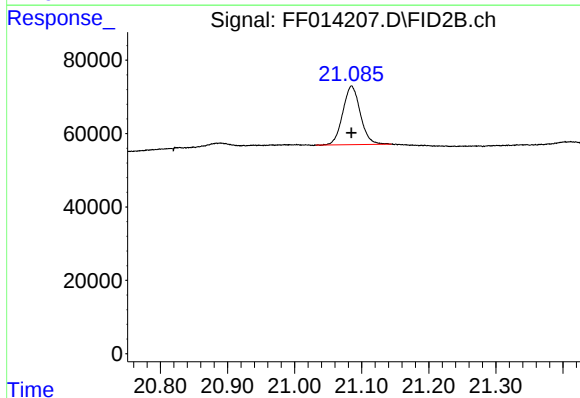
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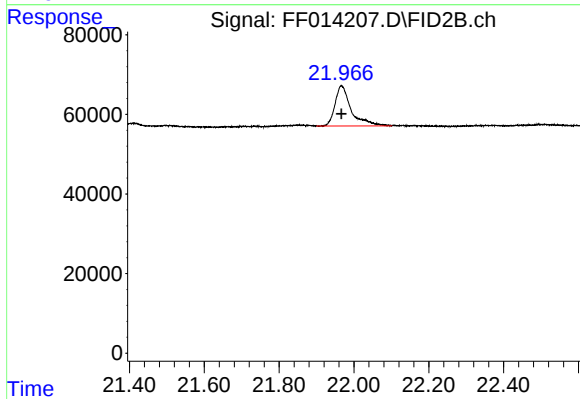
#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.002 min
Response: 308208
Conc: 3.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: 0.000 min
Response: 291177
Conc: 3.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.000 min
Response: 302253
Conc: 3.22 ug/ml