

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049329.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 12:53
 Operator : YP\AJ
 Sample : P3390-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 01:19:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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...	13.342	4374833	37.444 ug/ml
Spiked Amount 50.000		Recovery =	74.89%
Target Compounds			
1) T n-Nonane (C9)	3.290	442735	2.944 ug/ml
2) T n-Decane (C10)	4.540	594287	3.848 ug/ml
4) T n-Dodecane (C12)	6.708	830008	5.390 ug/ml
6) T n-Tetradecane (C14)	8.536	741908	4.888 ug/ml
7) T n-Hexadecane (C16)	10.143	729553	4.811 ug/ml
8) T n-Octadecane (C18)	11.585	778507	5.127 ug/ml
10) T n-Eicosane (C20)	12.894	819517	5.667 ug/ml
11) T n-Heneicosane (C21)	13.506	804088	5.670 ug/ml
13) T n-Docosane (C22)	14.092	805485	5.733 ug/ml
14) T n-Tetracosane (C24)	15.194	816291	5.824 ug/ml
15) T n-Hexacosane (C26)	16.215	830088	5.920 ug/ml
16) T n-Octacosane (C28)	17.163	873210	6.239 ug/ml
17) T n-Tricontane (C30)	18.050	923210	6.329 ug/ml
18) T n-Dotriacontane (C32)	18.882	954417	6.491 ug/ml
19) T n-Tetratriacontane (C34)	19.667	927215	6.348 ug/mlm
20) T n-Hexatriacontane (C36)	20.405	891258	6.182 ug/ml
21) T n-Octatriacontane (C38)	21.135	823922	5.504 ug/ml
22) T n-Tetracontane (C40)	22.039	745955	4.943 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3390-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

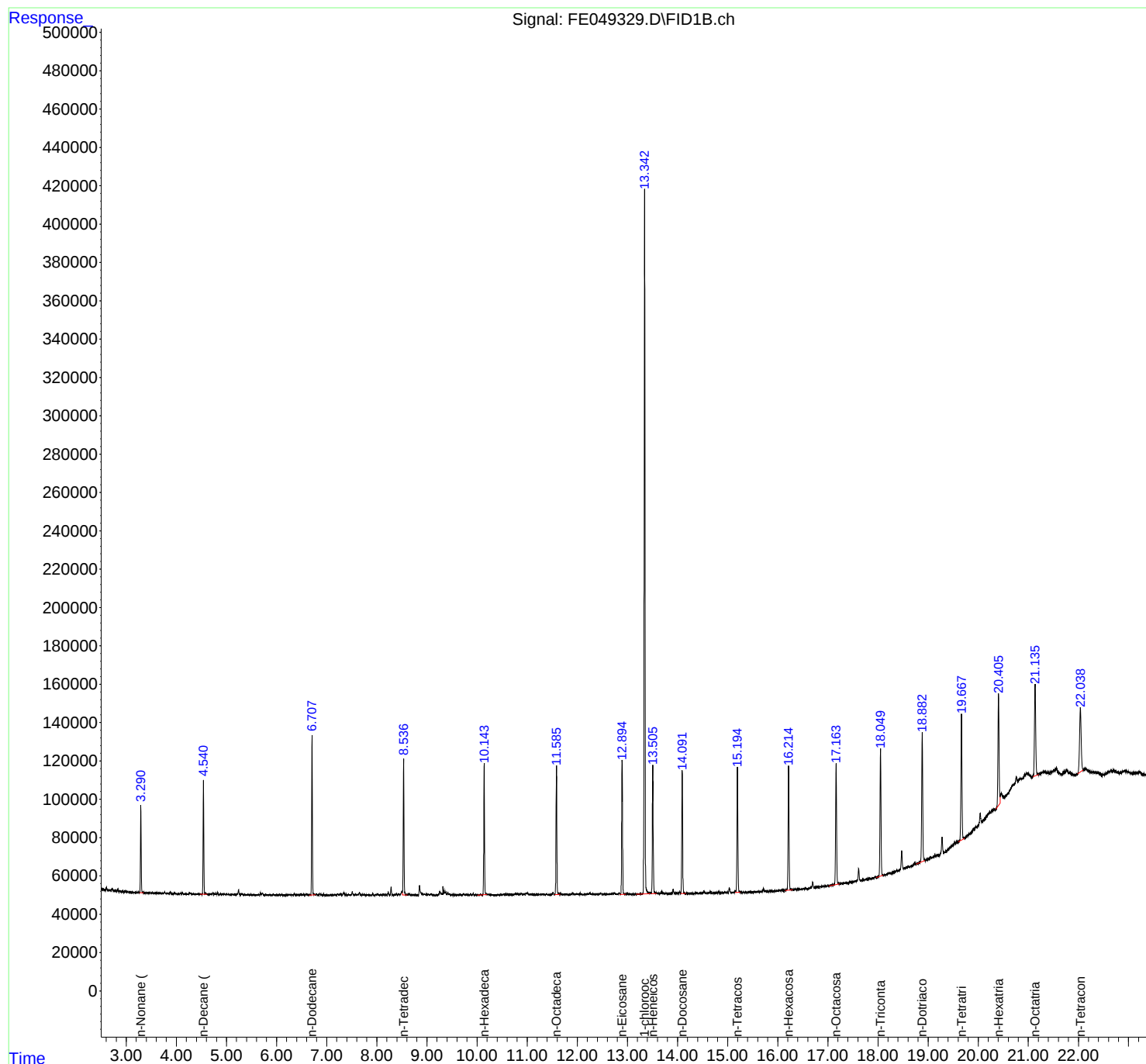
Instrument :
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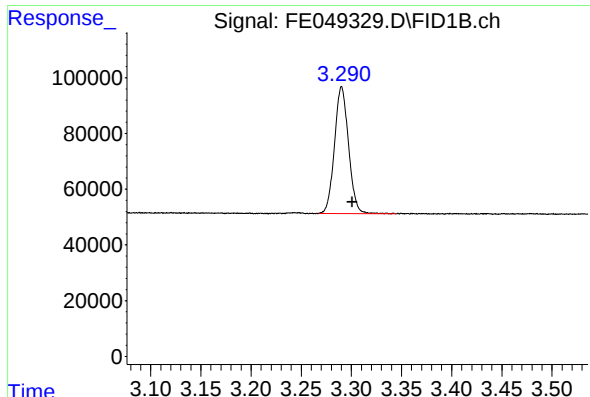
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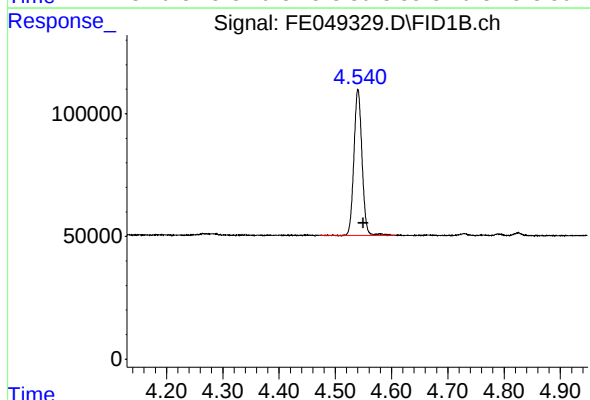
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 442735
Conc: 2.94 ug/ml

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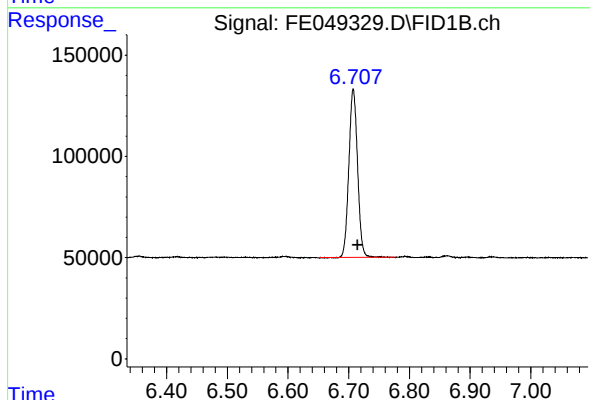
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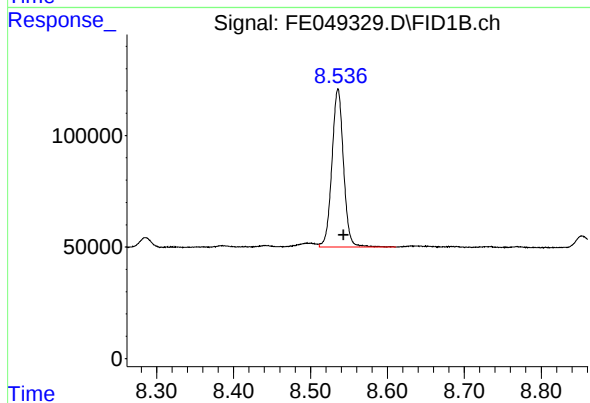
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.009 min
Response: 594287
Conc: 3.85 ug/ml



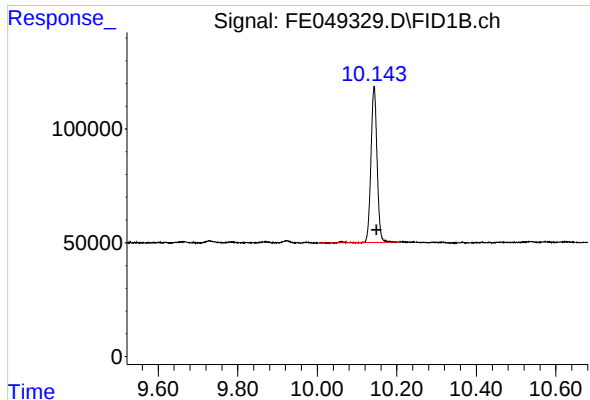
#4 n-Dodecane (C12)

R.T.: 6.708 min
Delta R.T.: -0.007 min
Response: 830008
Conc: 5.39 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.007 min
Response: 741908
Conc: 4.89 ug/ml



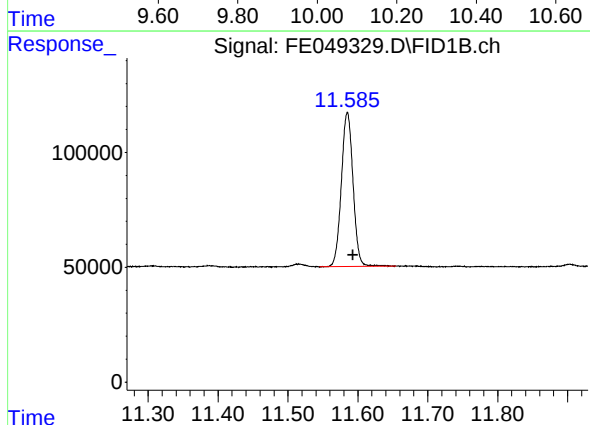
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.007 min
Response: 729553
Conc: 4.81 ug/ml

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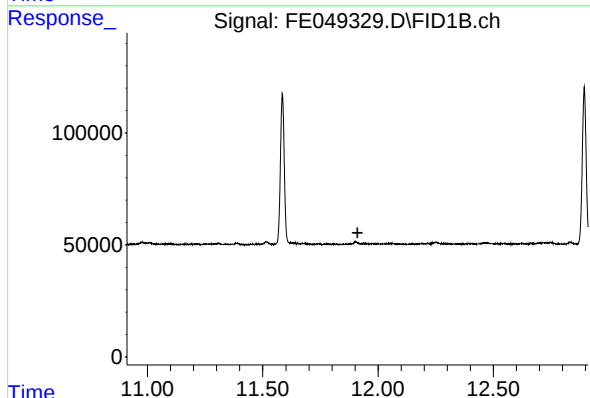
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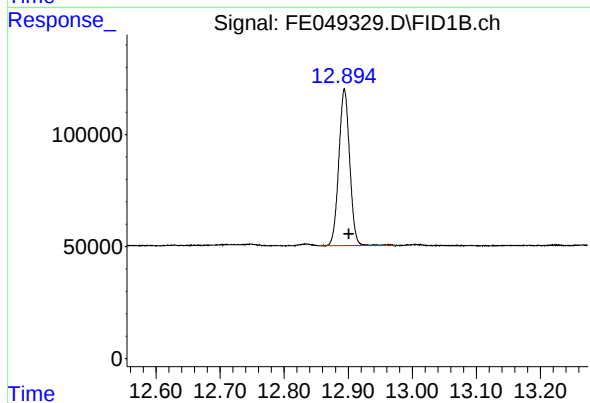
#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.008 min
Response: 778507
Conc: 5.13 ug/ml



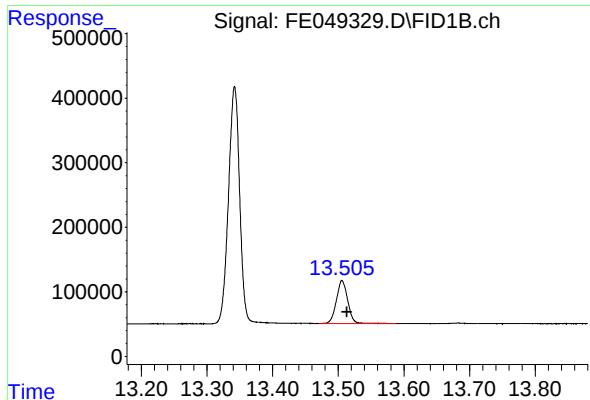
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.911 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.007 min
Response: 819517
Conc: 5.67 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.007 min
Response: 804088
Conc: 5.67 ug/ml

Instrument :

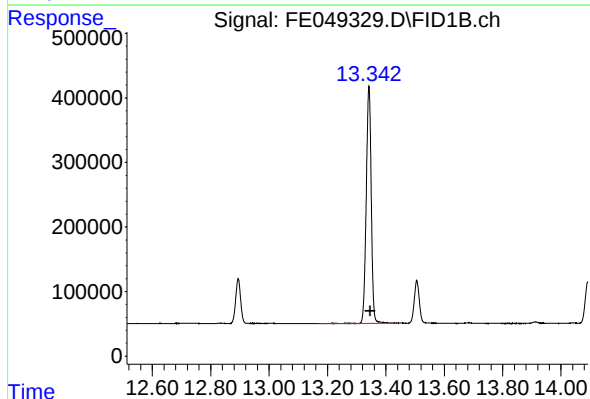
FID_E

ClientSampleId :

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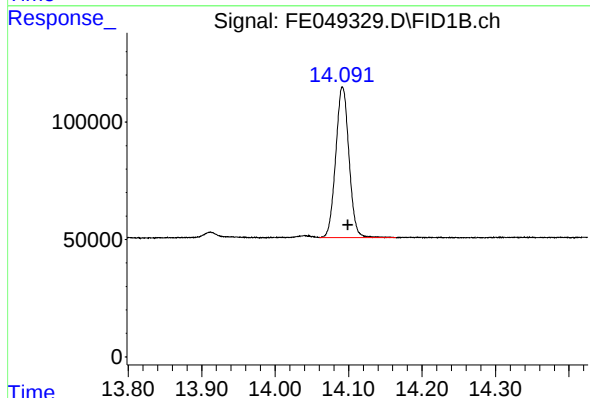
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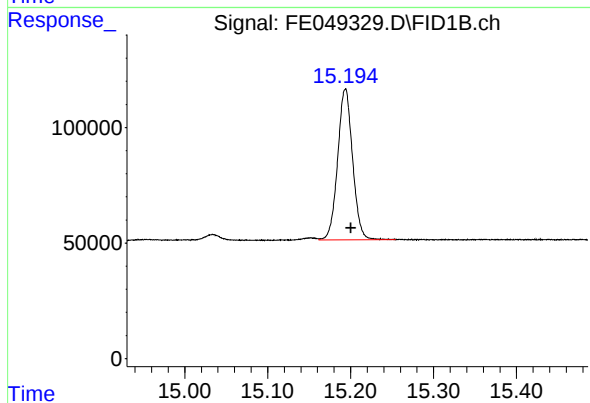
#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.004 min
Response: 4374833
Conc: 37.44 ug/ml



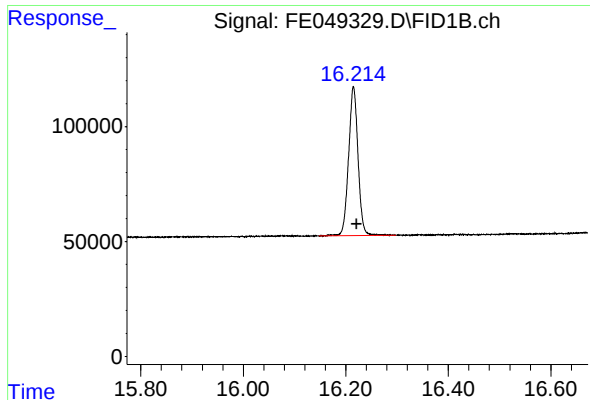
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.007 min
Response: 805485
Conc: 5.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.007 min
Response: 816291
Conc: 5.82 ug/ml



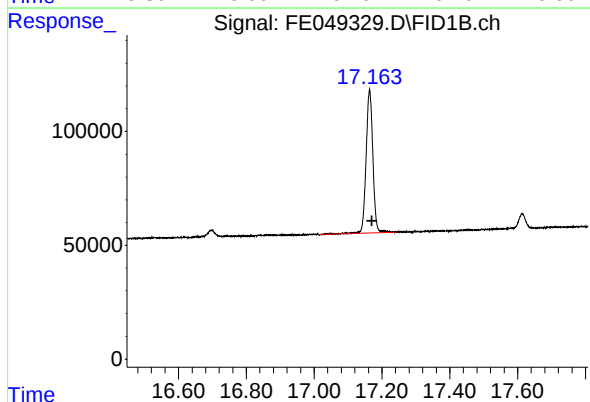
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.006 min
Response: 830088
Conc: 5.92 ug/ml

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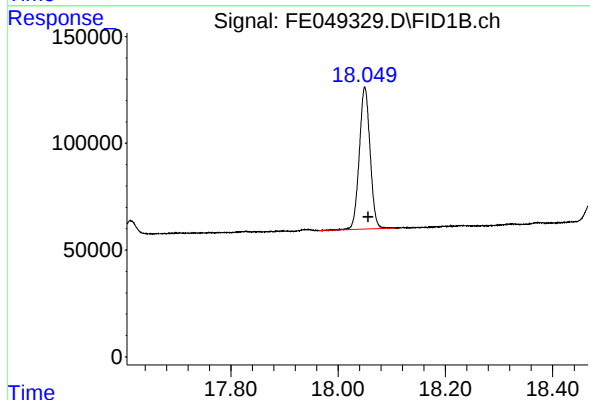
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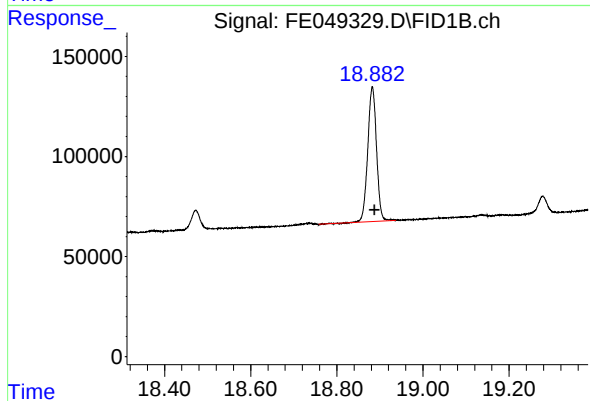
#16 n-Octacosane (C28)

R.T.: 17.163 min
Delta R.T.: -0.006 min
Response: 873210
Conc: 6.24 ug/ml



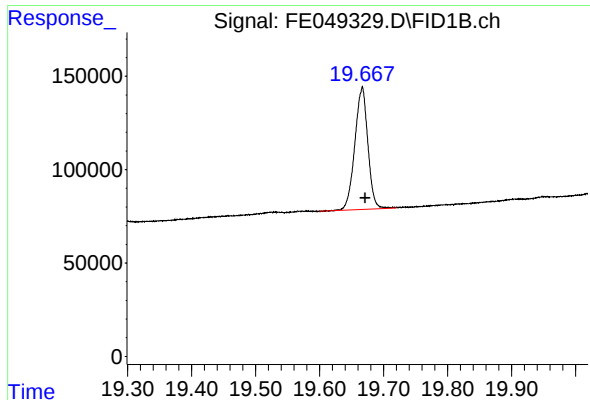
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: -0.007 min
Response: 923210
Conc: 6.33 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.006 min
Response: 954417
Conc: 6.49 ug/ml



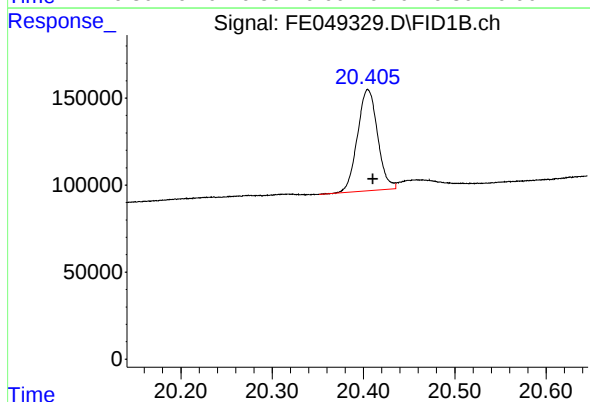
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.004 min
Response: 927215
Conc: 6.35 ug/ml

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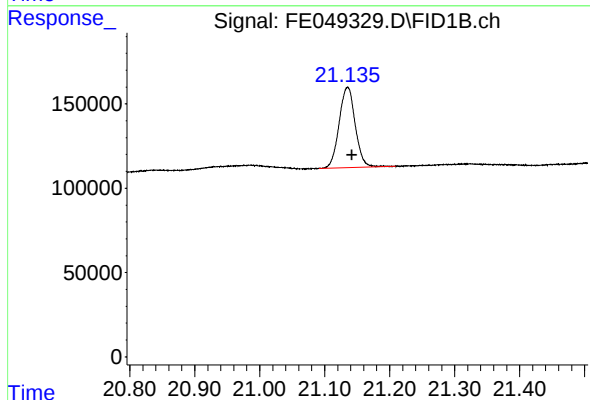
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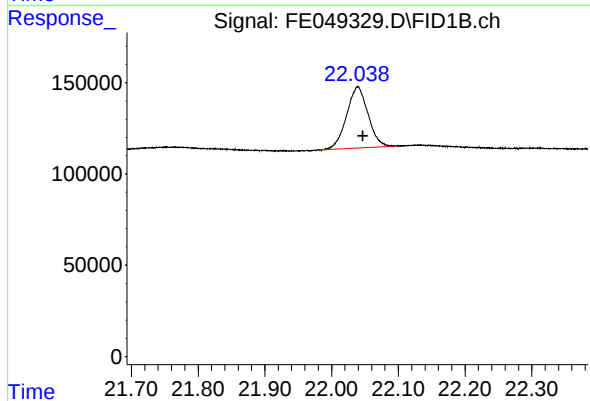
#20 n-Hexatriacontane (C36)

R.T.: 20.405 min
Delta R.T.: -0.006 min
Response: 891258
Conc: 6.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.007 min
Response: 823922
Conc: 5.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.008 min
Response: 745955
Conc: 4.94 ug/ml