

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080724AL\
 Data File : FF014414.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 17:58
 Operator : YP\AJ
 Sample : P3489-06MS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 4MS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Aug 08 04:14:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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			
9) S ortho-Terphenyl (SURR)	11.815	4918208	34.921 ug/ml
Spiked Amount 50.000		Recovery =	69.84%
12) S 1-chlorooctadecane (S...	13.256	4596702	49.165 ug/ml
Spiked Amount 50.000		Recovery =	98.33%
Target Compounds			
1) T n-Nonane (C9)	3.237	6786744	52.512 ug/ml
2) T n-Decane (C10)	4.476	7178804	54.790 ug/ml
3) T A~Naphthalene (C11.7)	6.163	8084923	63.497 ug/ml
4) T n-Dodecane (C12)	6.632	7147361	54.045 ug/ml
5) T A~2-methylnaphthalene...	7.256	8017383	69.203 ug/ml
6) T n-Tetradecane (C14)	8.458	7421929	57.656 ug/ml
7) T n-Hexadecane (C16)	10.062	7519176	58.074 ug/ml
8) T n-Octadecane (C18)	11.506	7690579	58.245 ug/ml
10) T n-Eicosane (C20)	12.816	7589091	60.382 ug/ml
11) T n-Heneicosane (C21)	13.426	7500997	61.157 ug/ml
13) T n-Docosane (C22)	14.012	7277600	60.728 ug/ml
14) T n-Tetracosane (C24)	15.116	7041282	60.248 ug/ml
15) T n-Hexacosane (C26)	16.139	6914475	61.177 ug/ml
16) T n-Octacosane (C28)	17.087	6806986	61.752 ug/ml
17) T n-Tricontane (C30)	17.975	6666116	59.723 ug/ml
18) T n-Dotriacontane (C32)	18.807	6332089	57.690 ug/ml
19) T n-Tetratriacontane (C34)	19.589	5871985	57.206 ug/ml
20) T n-Hexatriacontane (C36)	20.328	5766289	64.590 ug/mlm
21) T n-Octatriacontane (C38)	21.047	5687835	82.594 ug/ml
22) T n-Tetracontane (C40)	21.915	5429621	121.364 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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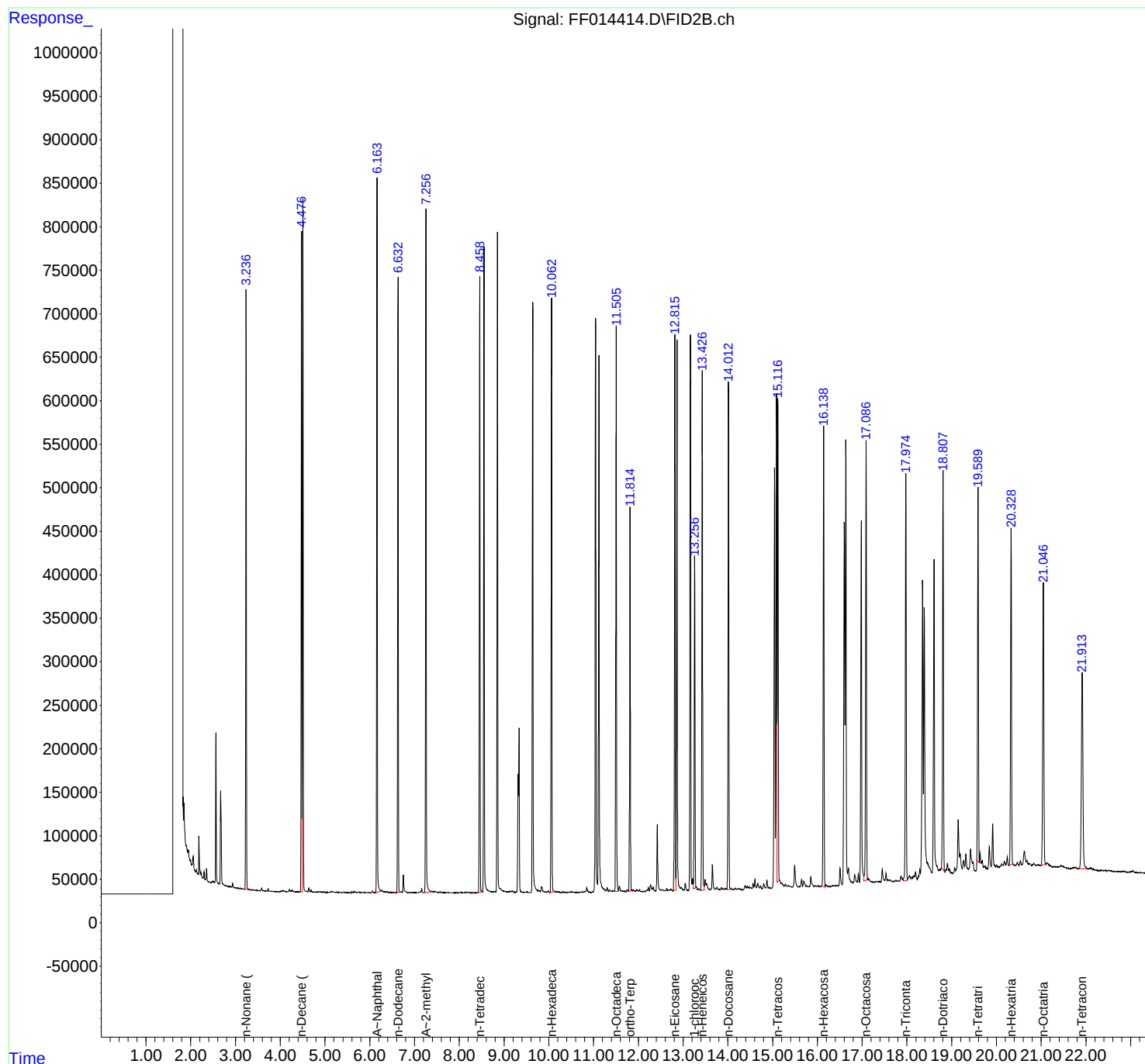
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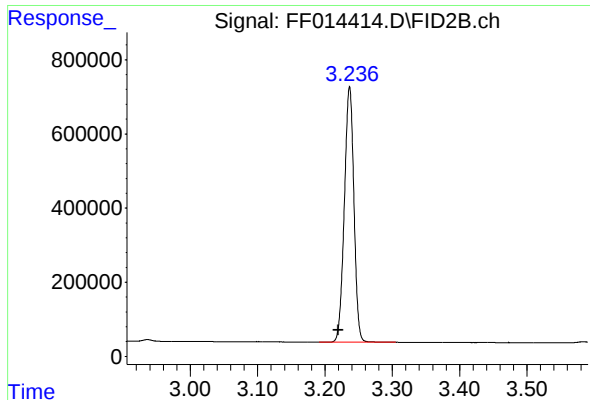
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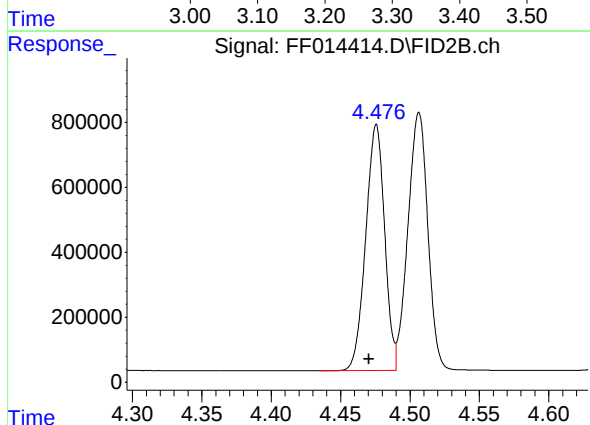
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: 0.017 min
Response: 6786744
Conc: 52.51 ug/ml

Instrument :
FID_F
ClientSampleId :
4MS

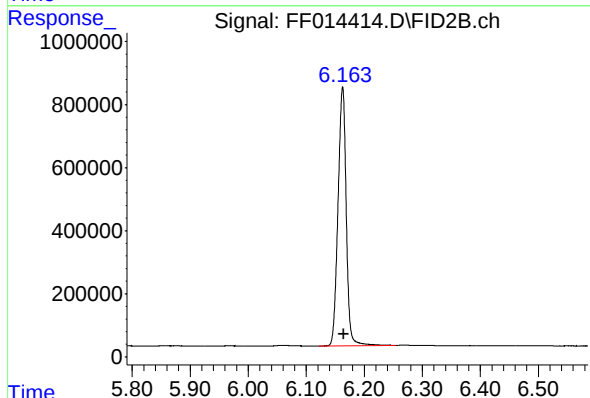
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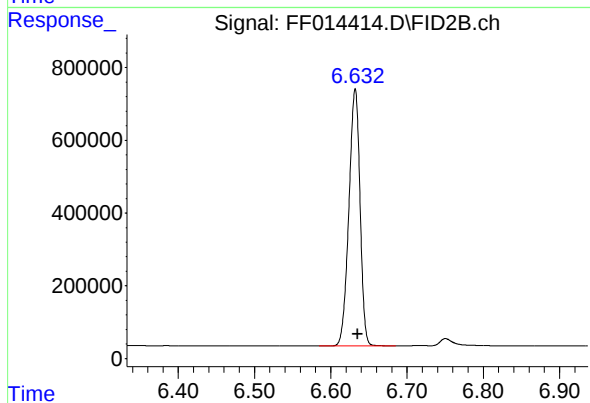
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.005 min
Response: 7178804
Conc: 54.79 ug/ml



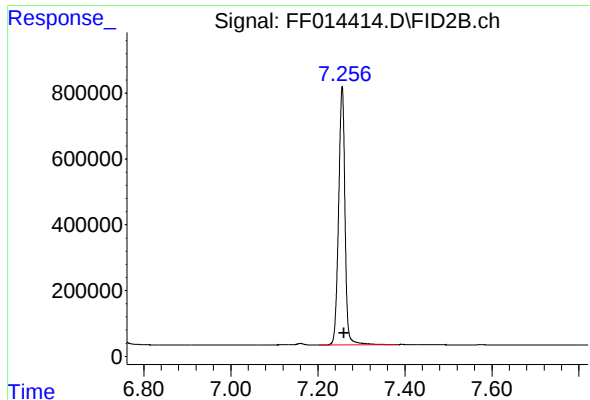
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 8084923
Conc: 63.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.003 min
Response: 7147361
Conc: 54.04 ug/ml



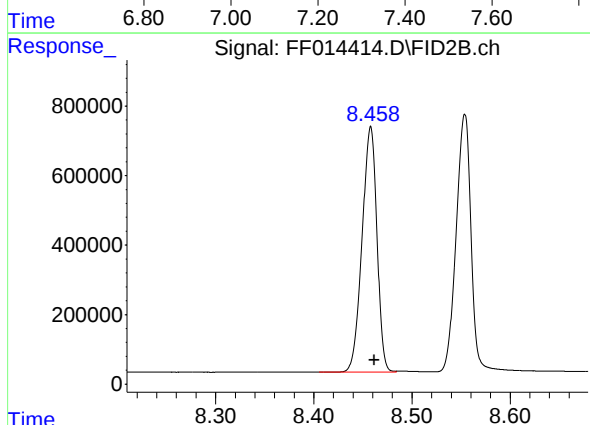
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 8017383
Conc: 69.20 ug/ml

Instrument :
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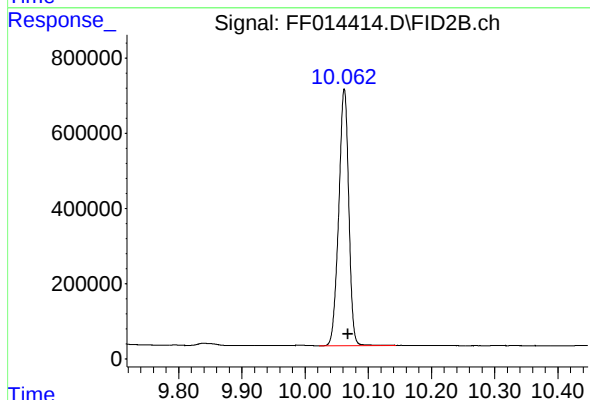
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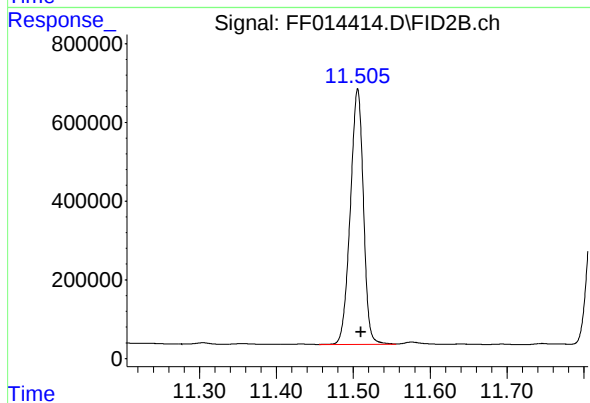
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 7421929
Conc: 57.66 ug/ml



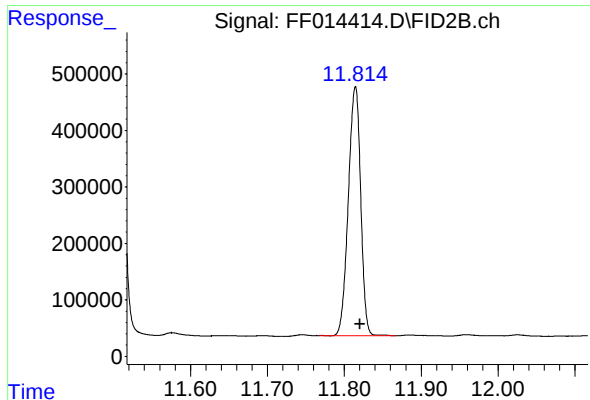
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.006 min
Response: 7519176
Conc: 58.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: -0.004 min
Response: 7690579
Conc: 58.24 ug/ml



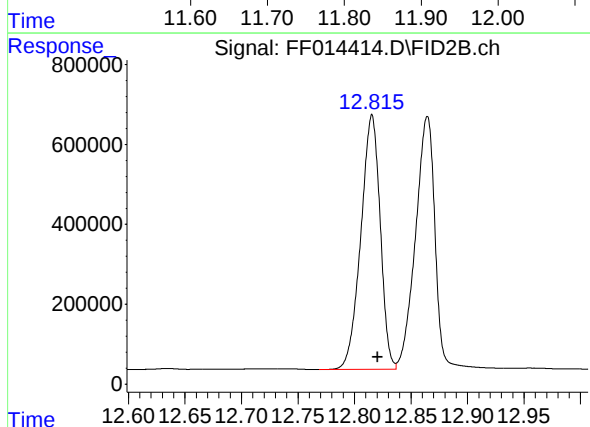
#9 ortho-Terphenyl (SURR)

R.T.: 11.815 min
Delta R.T.: -0.006 min
Response: 4918208
Conc: 34.92 ug/ml

Instrument :
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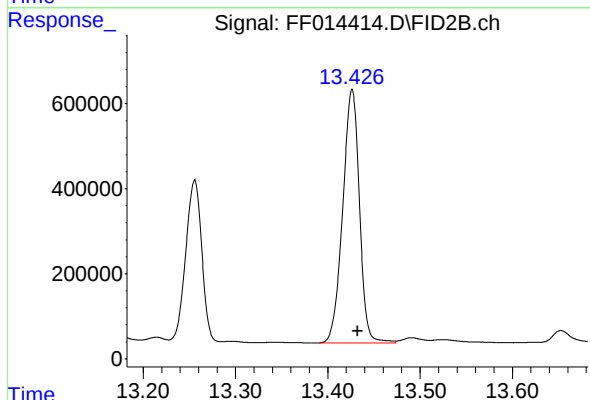
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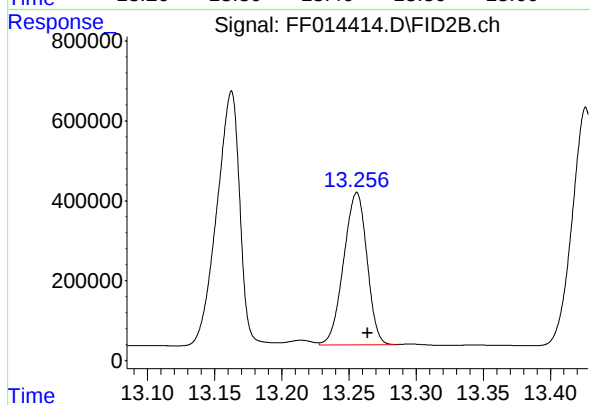
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: -0.005 min
Response: 7589091
Conc: 60.38 ug/ml



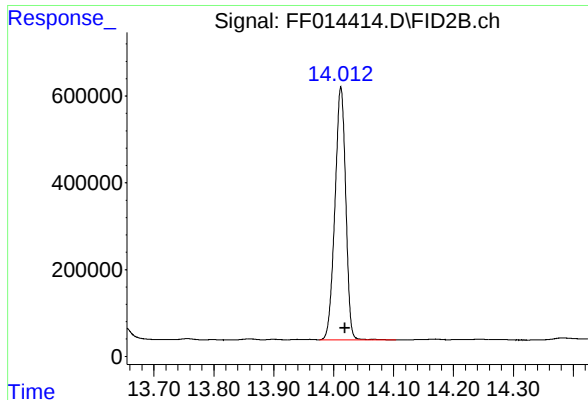
#11 n-Heneicosane (C21)

R.T.: 13.426 min
Delta R.T.: -0.006 min
Response: 7500997
Conc: 61.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.256 min
Delta R.T.: -0.008 min
Response: 4596702
Conc: 49.17 ug/ml



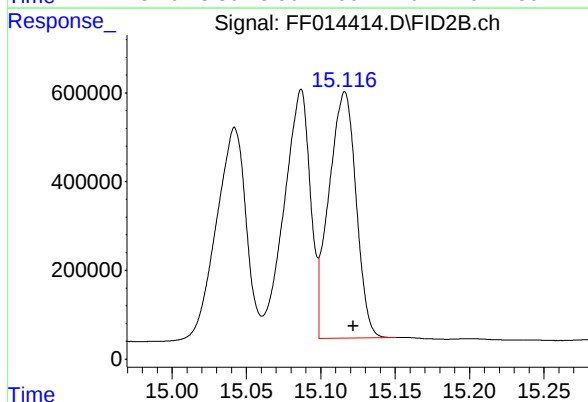
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.007 min
Response: 7277600
Conc: 60.73 ug/ml

Instrument :
FID_F
ClientSampleId :
4MS

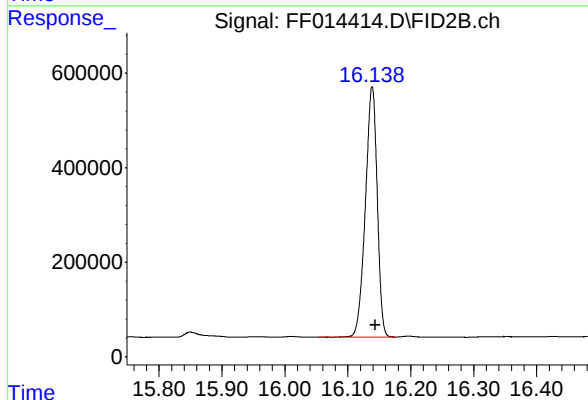
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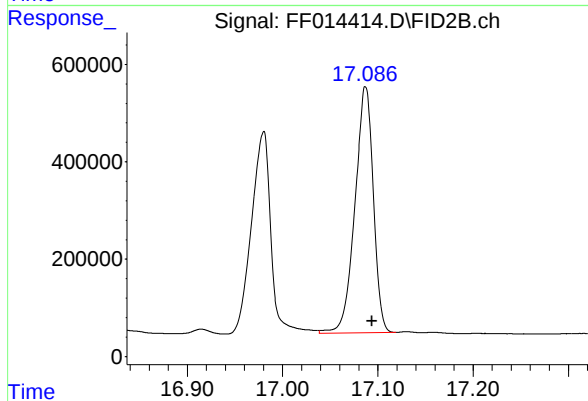
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.006 min
Response: 7041282
Conc: 60.25 ug/ml



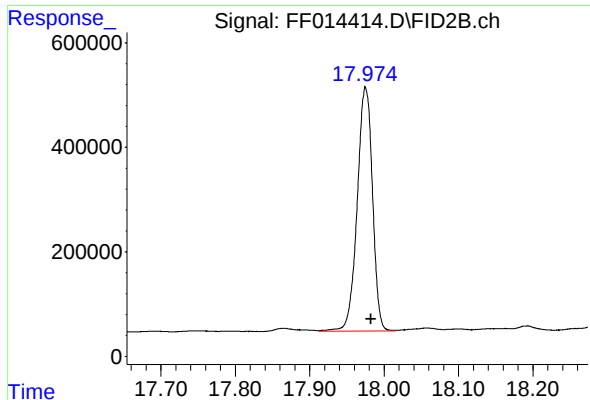
#15 n-Hexacosane (C26)

R.T.: 16.139 min
Delta R.T.: -0.005 min
Response: 6914475
Conc: 61.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.007 min
Response: 6806986
Conc: 61.75 ug/ml



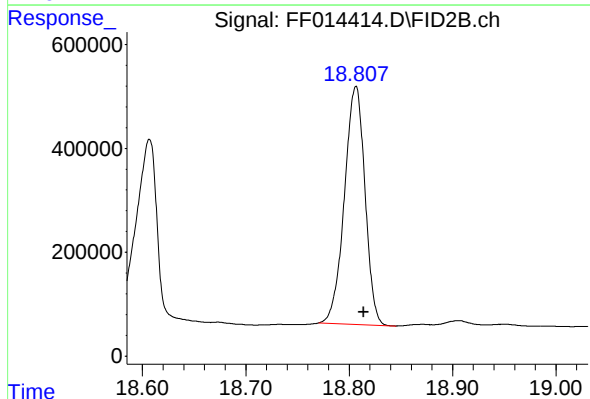
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.007 min
Response: 6666116
Conc: 59.72 ug/ml

Instrument :
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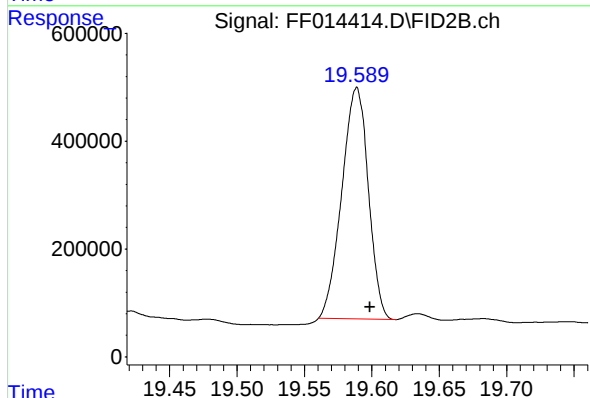
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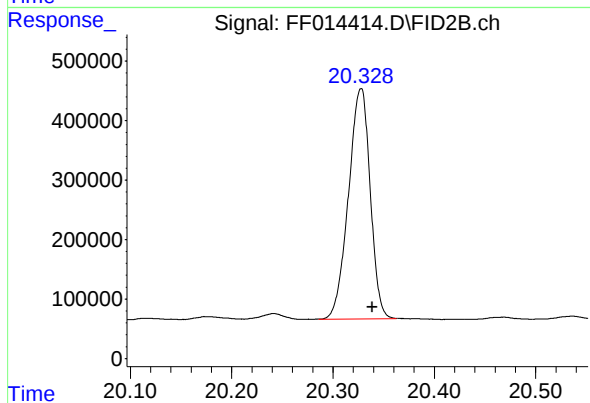
#18 n-Dotriacontane (C32)

R.T.: 18.807 min
Delta R.T.: -0.007 min
Response: 6332089
Conc: 57.69 ug/ml



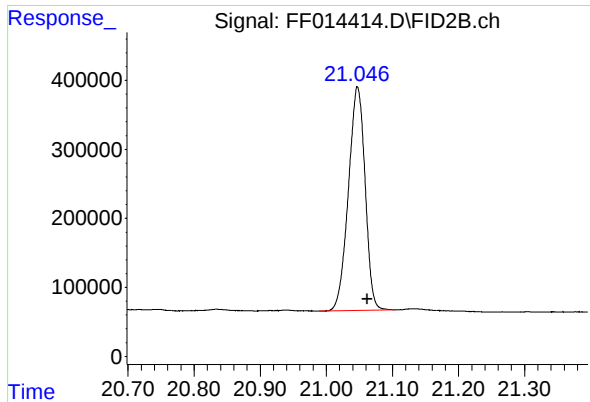
#19 n-Tetatriacontane (C34)

R.T.: 19.589 min
Delta R.T.: -0.010 min
Response: 5871985
Conc: 57.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.011 min
Response: 5766289
Conc: 64.59 ug/ml m



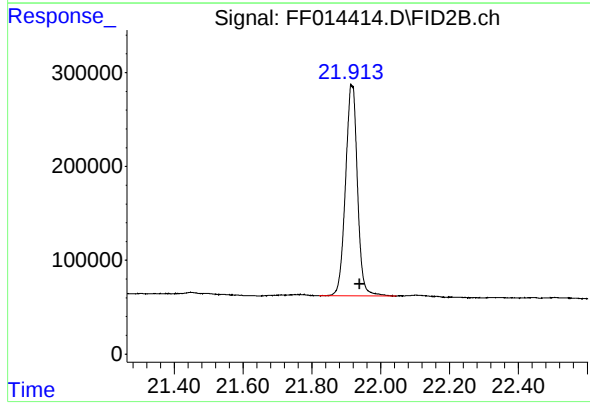
#21 n-Octatriacontane (C38)

R.T.: 21.047 min
Delta R.T.: -0.015 min
Response: 5687835
Conc: 82.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: -0.025 min
Response: 5429621
Conc: 121.36 ug/ml