

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031422AL\
 Data File : FE035309.D
 Signal(s) : FID1B.CH
 Acq On : 14 Mar 2022 17:23
 Operator : YP\AJ
 Sample : PB143313BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB143313BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 01:47:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.379	4887248	35.286 ug/ml
Spiked Amount 50.000		Recovery =	70.57%
12) S 1-chlorooctadecane (S...	12.813	3688827	34.055 ug/ml
Spiked Amount 50.000		Recovery =	68.11%
Target Compounds			
1) T n-Nonane (C9)	3.212	6269196	54.597 ug/ml
2) T n-Decane (C10)	4.255	6461039	56.712 ug/ml
3) T A~Naphthalene (C11.7)	5.817	6940802	54.647 ug/ml
4) T n-Dodecane (C12)	6.252	6435673	54.737 ug/ml
5) T A~2-methylnaphthalene...	6.867	6632910	51.926 ug/ml
6) T n-Tetradecane (C14)	8.041	6362121	53.311 ug/ml
7) T n-Hexadecane (C16)	9.634	6275331	51.506 ug/ml
8) T n-Octadecane (C18)	11.070	6272505	50.038 ug/ml
10) T n-Eicosane (C20)	12.374	5953456	47.082 ug/ml
11) T n-Heneicosane (C21)	12.982	5815840	45.668 ug/ml
13) T n-Docosane (C22)	13.566	5683469	44.758 ug/ml
14) T n-Tetracosane (C24)	14.663	5344524	42.198 ug/mlm
15) T n-Hexacosane (C26)	15.682	5195548	41.901 ug/ml
16) T n-Octacosane (C28)	16.625	5132212	42.819 ug/ml
17) T n-Tricontane (C30)	17.513	4813770	42.501 ug/ml
18) T n-Dotriacontane (C32)	18.339	4570422	44.883 ug/ml
19) T n-Tetratriacontane (C34)	19.119	3931405	44.061 ug/ml
20) T n-Hexatriacontane (C36)	19.854	3258936	42.929 ug/mlm
21) T n-Octatriacontane (C38)	20.557	2510780	38.022 ug/mlm
22) T n-Tetracontane (C40)	21.375	2171266	35.497 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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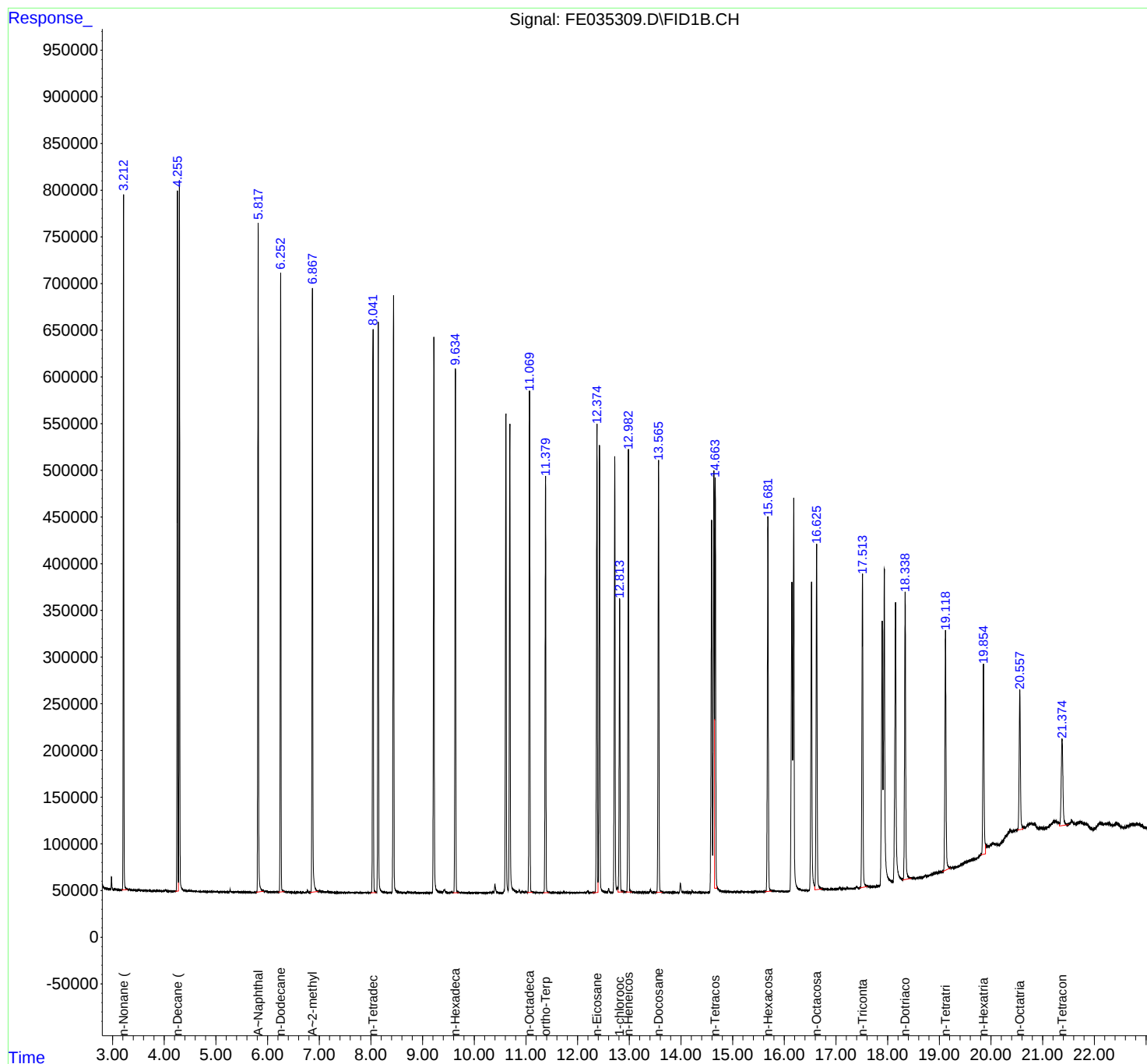
Instrument :
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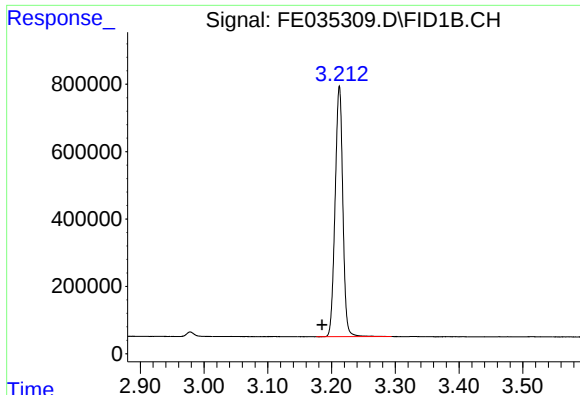
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#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: 0.027 min
Response: 6269196
Conc: 54.60 ug/ml

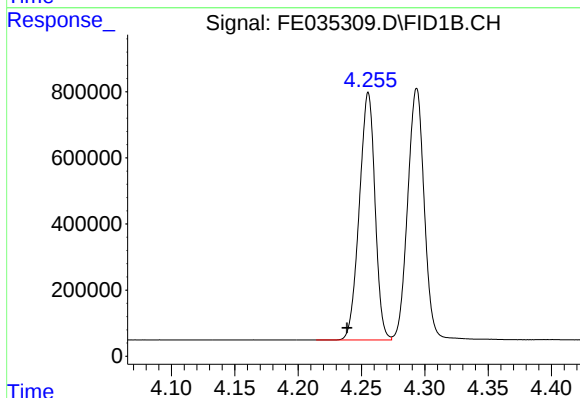
Instrument :

FID_E

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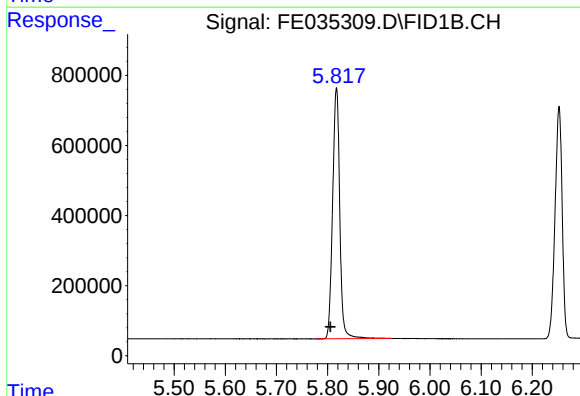
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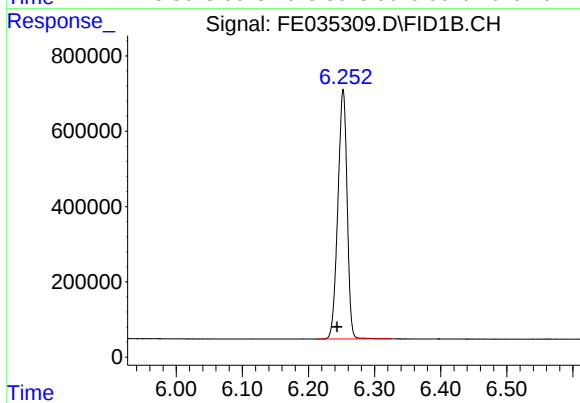
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: 0.017 min
Response: 6461039
Conc: 56.71 ug/ml



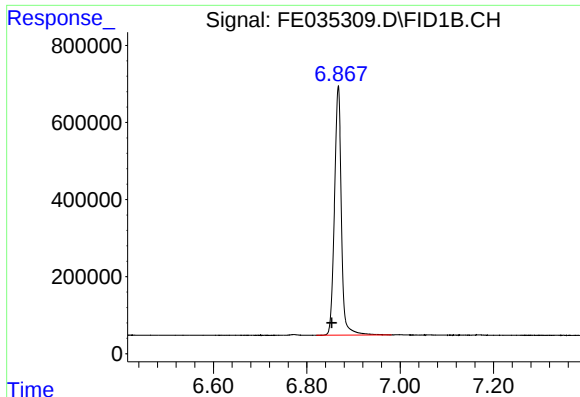
#3 A~Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: 0.012 min
Response: 6940802
Conc: 54.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.252 min
Delta R.T.: 0.009 min
Response: 6435673
Conc: 54.74 ug/ml



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

R.T.: 6.867 min
Delta R.T.: 0.014 min
Response: 6632910
Conc: 51.93 ug/ml

Instrument :

FID_E

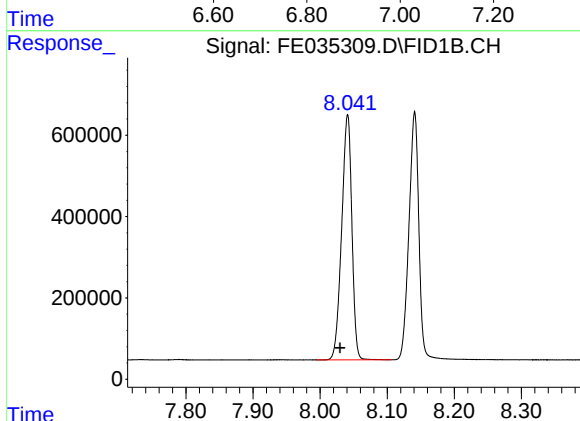
ClientSampleId :

PB143313BS

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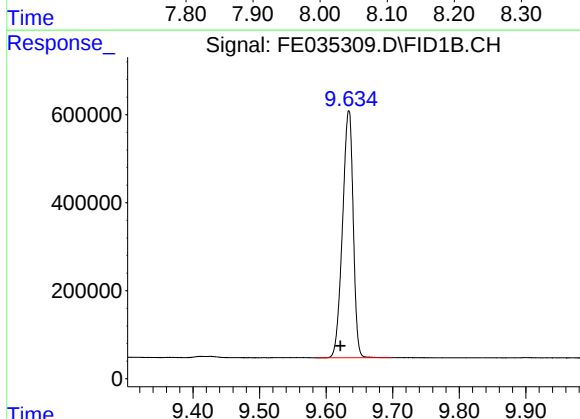
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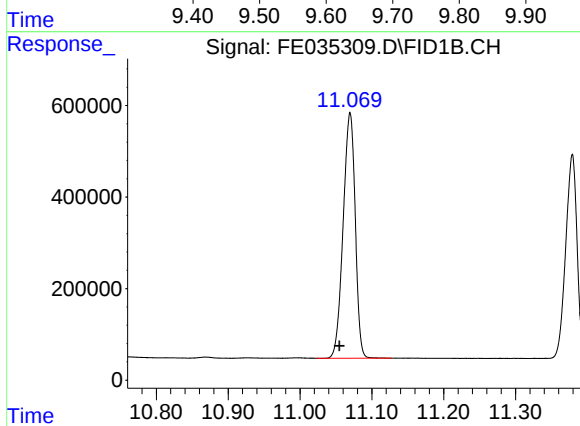
#6 n-Tetradecane (C14)

R.T.: 8.041 min
Delta R.T.: 0.012 min
Response: 6362121
Conc: 53.31 ug/ml



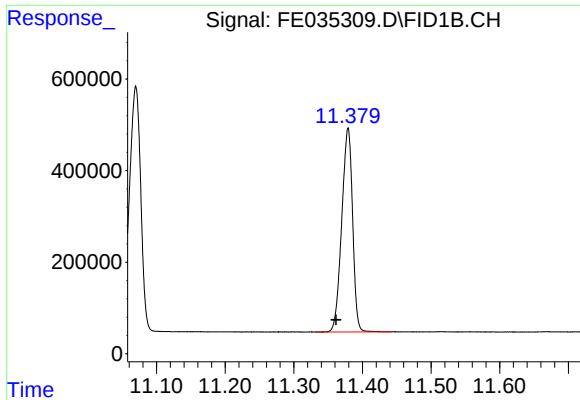
#7 n-Hexadecane (C16)

R.T.: 9.634 min
Delta R.T.: 0.013 min
Response: 6275331
Conc: 51.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.070 min
Delta R.T.: 0.015 min
Response: 6272505
Conc: 50.04 ug/ml



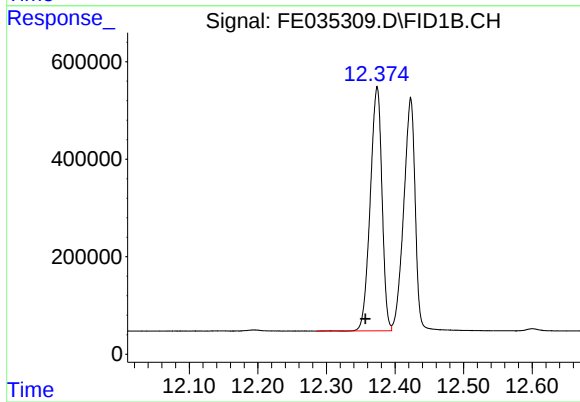
#9 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: 0.018 min
Response: 4887248
Conc: 35.29 ug/ml

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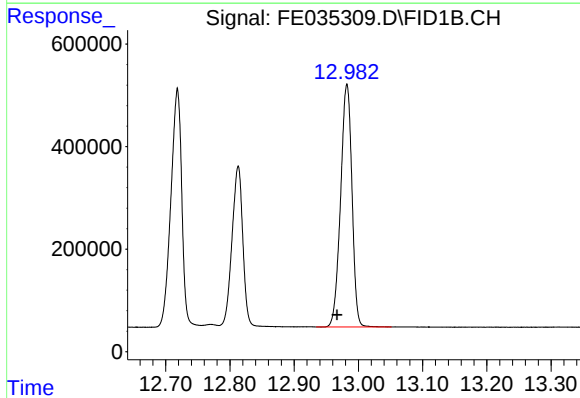
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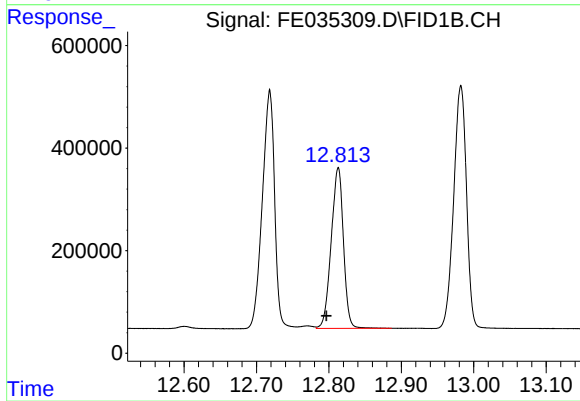
#10 n-Eicosane (C20)

R.T.: 12.374 min
Delta R.T.: 0.017 min
Response: 5953456
Conc: 47.08 ug/ml



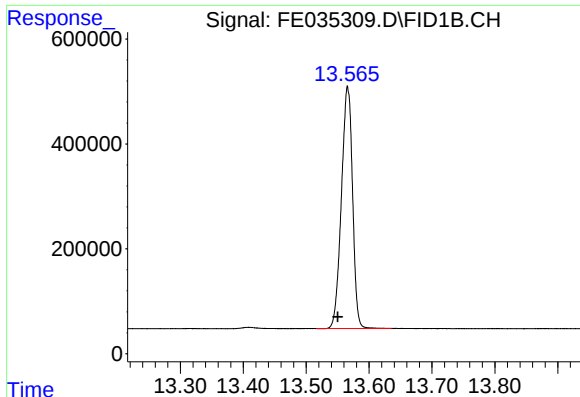
#11 n-Heneicosane (C21)

R.T.: 12.982 min
Delta R.T.: 0.016 min
Response: 5815840
Conc: 45.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.813 min
Delta R.T.: 0.016 min
Response: 3688827
Conc: 34.06 ug/ml



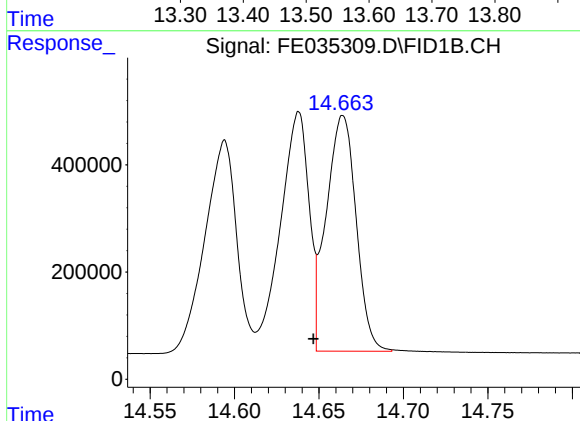
#13 n-Docosane (C22)

R.T.: 13.566 min
Delta R.T.: 0.016 min
Response: 5683469
Conc: 44.76 ug/ml

Instrument :
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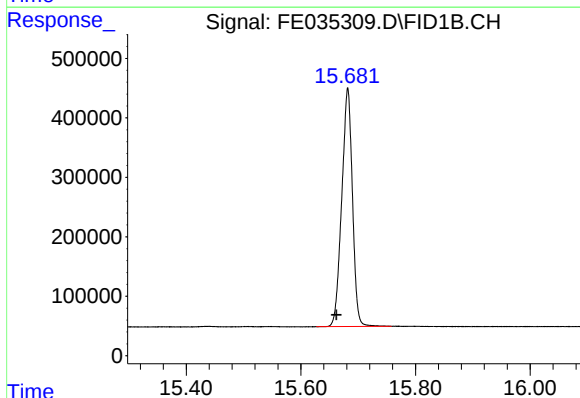
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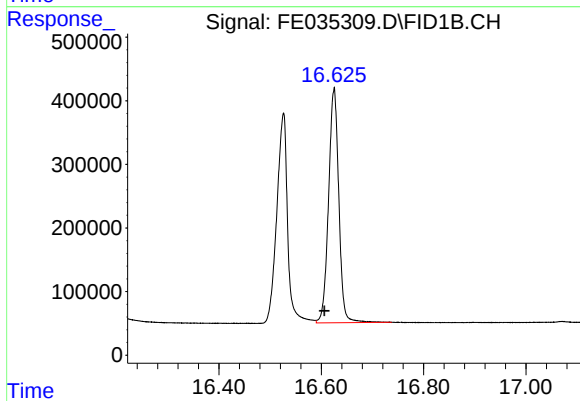
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.016 min
Response: 5344524
Conc: 42.20 ug/ml m



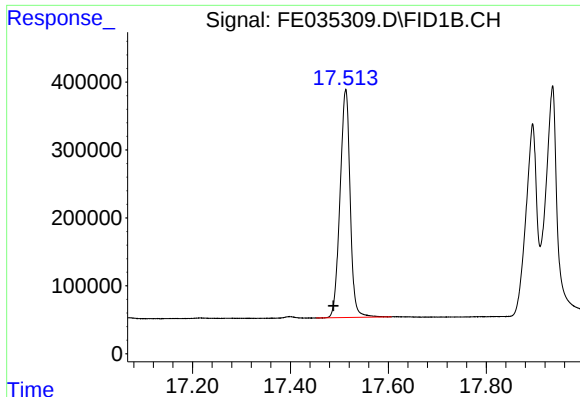
#15 n-Hexacosane (C26)

R.T.: 15.682 min
Delta R.T.: 0.020 min
Response: 5195548
Conc: 41.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: 0.019 min
Response: 5132212
Conc: 42.82 ug/ml



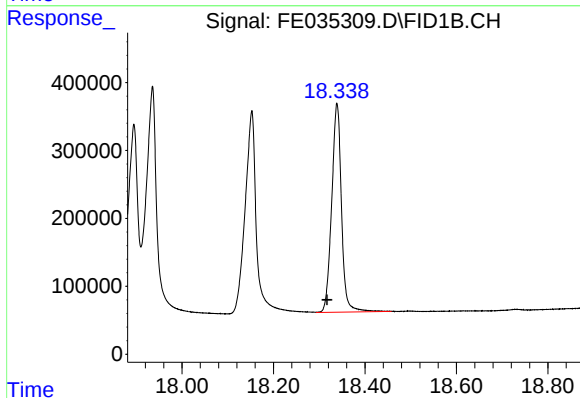
#17 n-Tricontane (C30)

R.T.: 17.513 min
Delta R.T.: 0.025 min
Response: 4813770
Conc: 42.50 ug/ml

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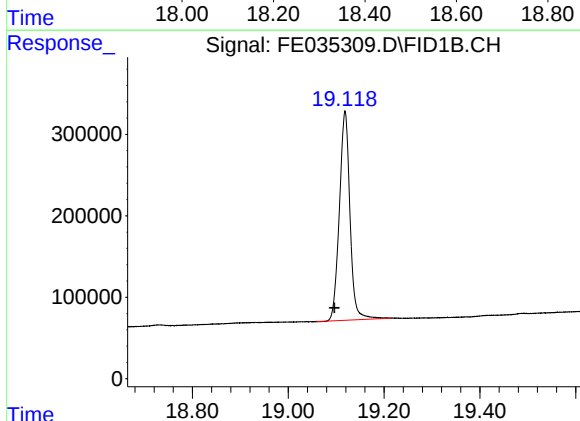
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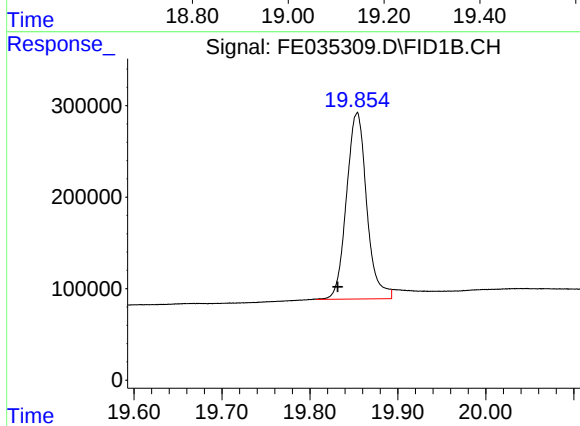
#18 n-Dotriacontane (C32)

R.T.: 18.339 min
Delta R.T.: 0.021 min
Response: 4570422
Conc: 44.88 ug/ml



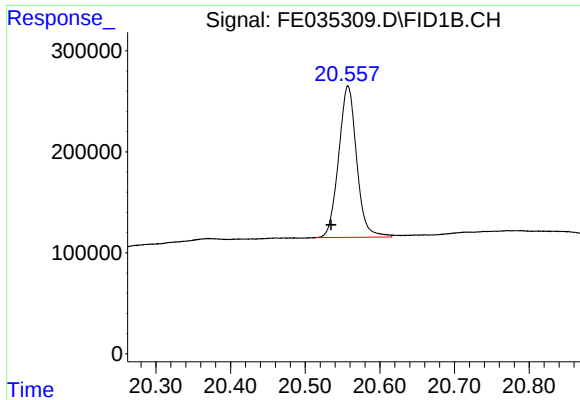
#19 n-Tetratriacontane (C34)

R.T.: 19.119 min
Delta R.T.: 0.022 min
Response: 3931405
Conc: 44.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.854 min
Delta R.T.: 0.022 min
Response: 3258936
Conc: 42.93 ug/ml m



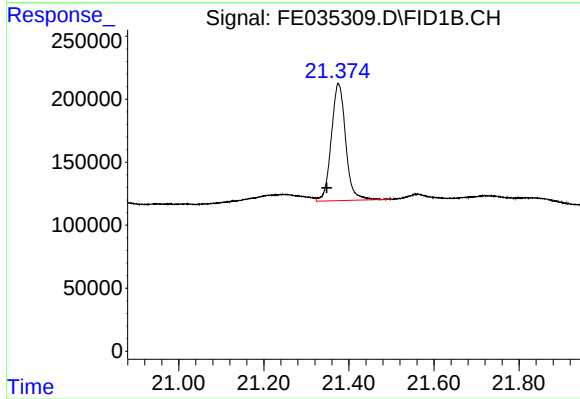
#21 n-Octatriacontane (C38)

R.T.: 20.557 min
Delta R.T.: 0.022 min
Response: 2510780
Conc: 38.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.375 min
Delta R.T.: 0.028 min
Response: 2171266
Conc: 35.50 ug/ml