

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120624AL\
 Data File : FE051568.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2024 14:35
 Operator : YP\AJ
 Sample : PB165426BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB165426BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: autoint1.e
 Quant Time: Dec 07 04:09:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 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)	11.828	6719643	44.467 ug/ml
Spiked Amount 50.000		Recovery =	88.93%
12) S 1-chlorooctadecane (S...	13.260	5976349	53.479 ug/ml
Spiked Amount 50.000		Recovery =	106.96%
Target Compounds			
1) T n-Nonane (C9)	3.231	6776827	48.354 ug/ml
2) T n-Decane (C10)	4.473	7054498	49.747 ug/ml
3) T A~Naphthalene (C11.7)	6.180	7216376	54.590 ug/ml
4) T n-Dodecane (C12)	6.634	7257992	50.990 ug/ml
5) T A~2-methylnaphthalene...	7.275	6613691	55.130 ug/ml
6) T n-Tetradecane (C14)	8.462	7273299	52.176 ug/ml
7) T n-Hexadecane (C16)	10.066	7113770	50.068 ug/ml
8) T n-Octadecane (C18)	11.507	7123581	49.569 ug/ml
10) T n-Eicosane (C20)	12.815	7147276	51.776 ug/ml
11) T n-Heneicosane (C21)	13.425	6906819	50.955 ug/ml
13) T n-Docosane (C22)	14.010	6810034	50.859 ug/ml
14) T n-Tetracosane (C24)	15.115	12721349	96.276 ug/mlm
15) T n-Hexacosane (C26)	16.133	6621972	51.065 ug/ml
16) T n-Octacosane (C28)	17.079	7697076	60.372 ug/ml
17) T n-Tricontane (C30)	17.968	6656117	51.406 ug/ml
18) T n-Dotriacontane (C32)	18.799	6976907	55.731 ug/mlm
19) T n-Tetratriacontane (C34)	19.581	6647168	58.856 ug/ml
20) T n-Hexatriacontane (C36)	20.321	6586872	68.395 ug/ml
21) T n-Octatriacontane (C38)	21.041	6704711	73.641 ug/ml
22) T n-Tetracontane (C40)	21.915	6842640	78.080 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165426BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

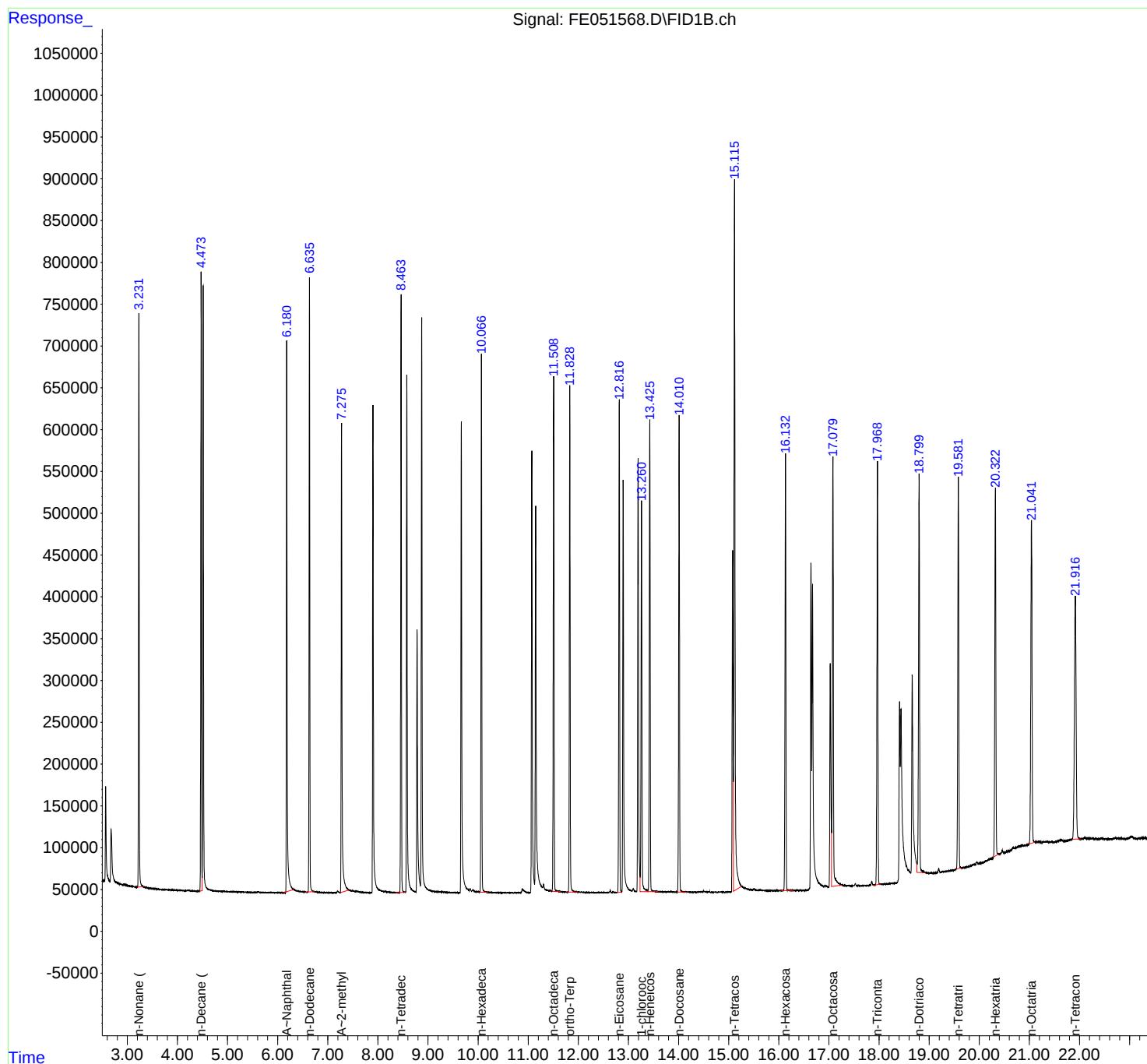
Instrument :
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PB165426BS

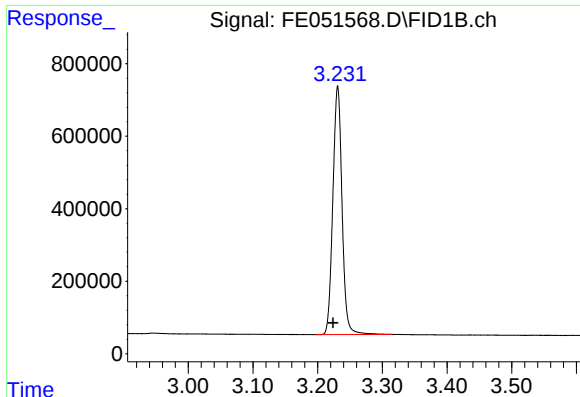
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#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: 0.007 min
Response: 6776827
Conc: 48.35 ug/ml

Instrument :

FID_E

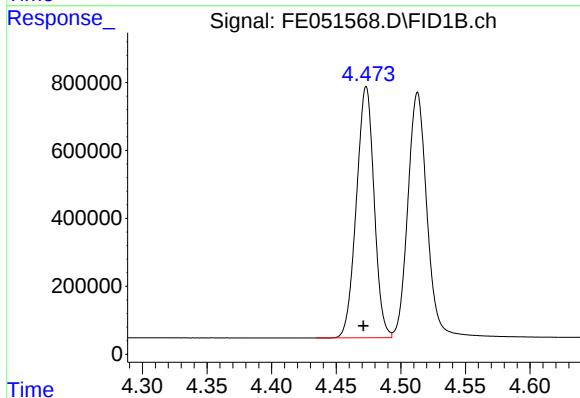
ClientSampleId :

PB165426BS

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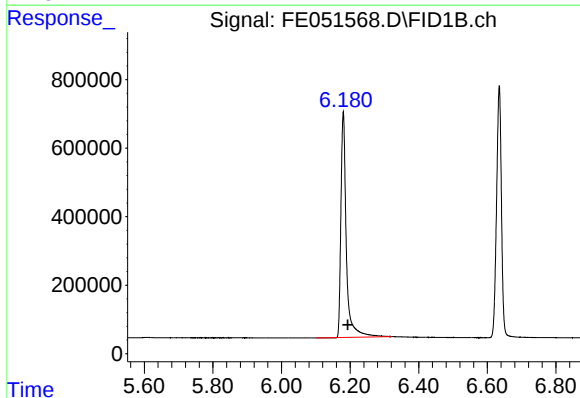
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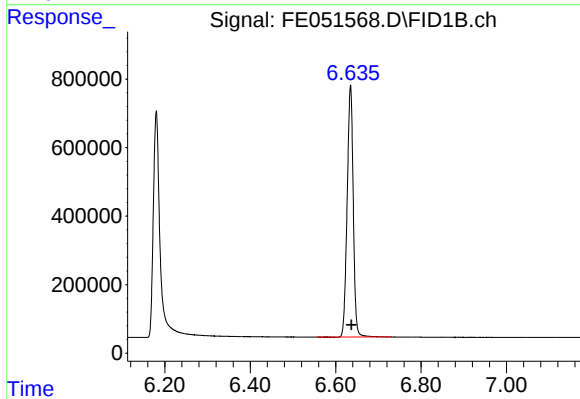
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.002 min
Response: 7054498
Conc: 49.75 ug/ml



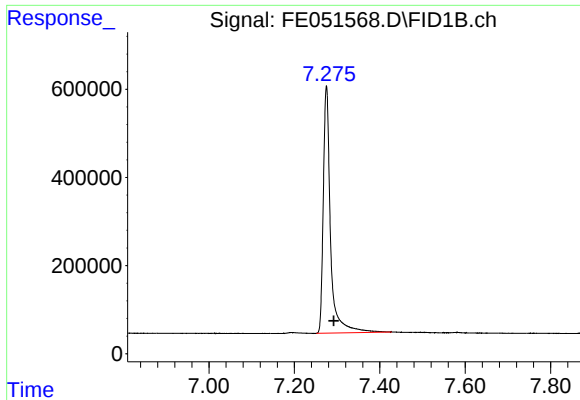
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 7216376
Conc: 54.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 7257992
Conc: 50.99 ug/ml



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

R.T.: 7.275 min
Delta R.T.: -0.017 min
Response: 6613691
Conc: 55.13 ug/ml

Instrument :

FID_E

ClientSampleId :

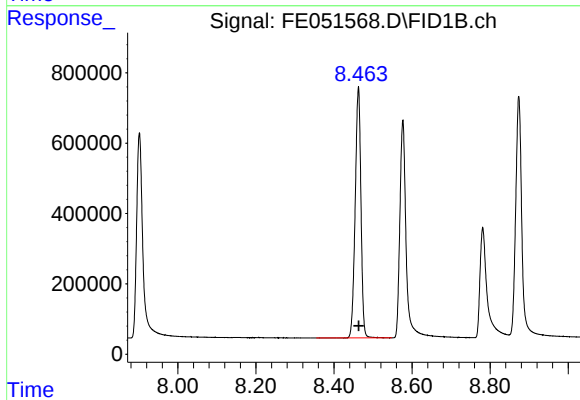
PB165426BS

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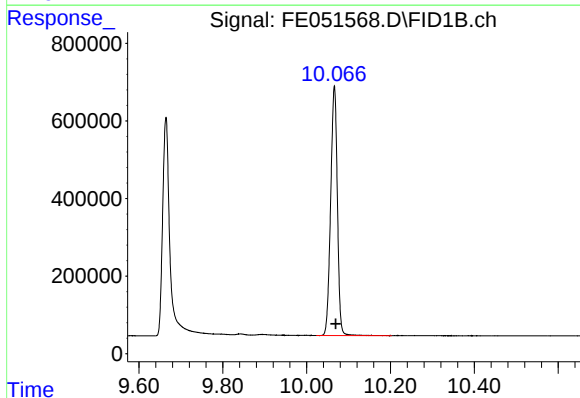
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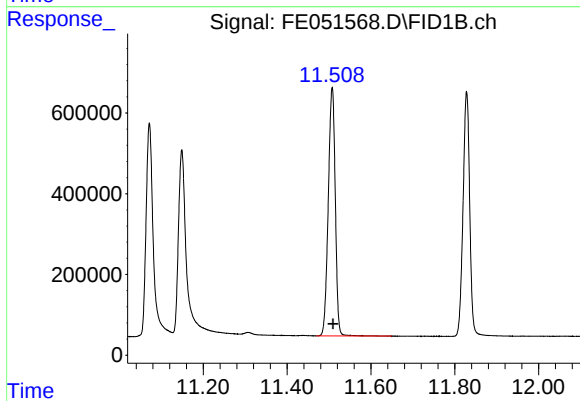
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.001 min
Response: 7273299
Conc: 52.18 ug/ml



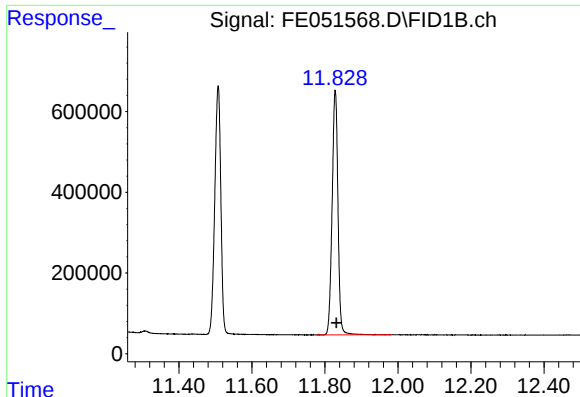
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.003 min
Response: 7113770
Conc: 50.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 7123581
Conc: 49.57 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.003 min
Response: 6719643
Conc: 44.47 ug/ml

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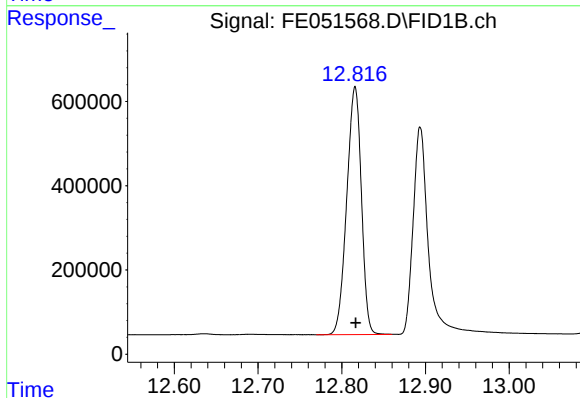
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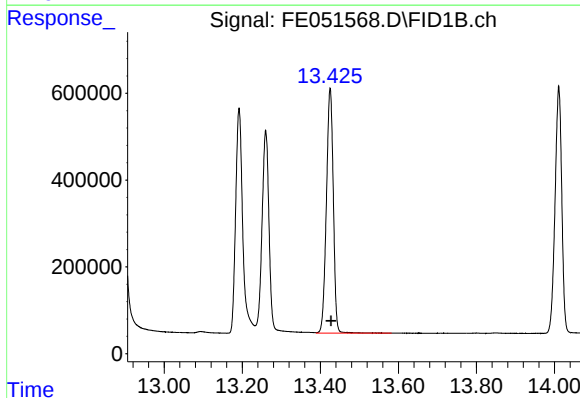
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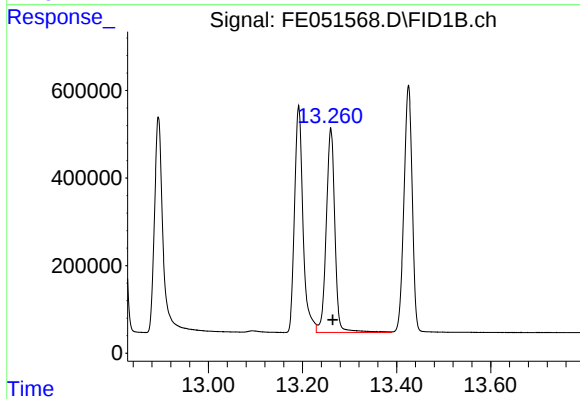
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 7147276
Conc: 51.78 ug/ml



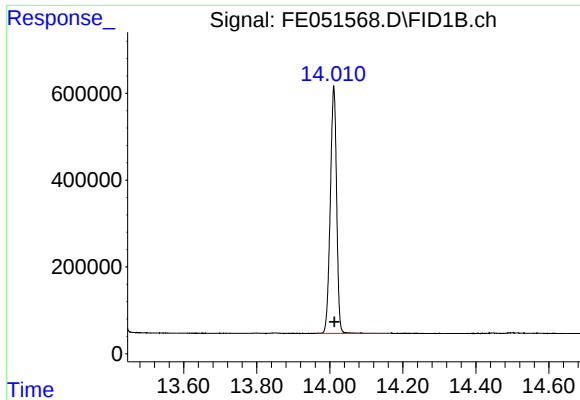
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.003 min
Response: 6906819
Conc: 50.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.260 min
Delta R.T.: -0.004 min
Response: 5976349
Conc: 53.48 ug/ml



#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.003 min
Response: 6810034
Conc: 50.86 ug/ml

Instrument :

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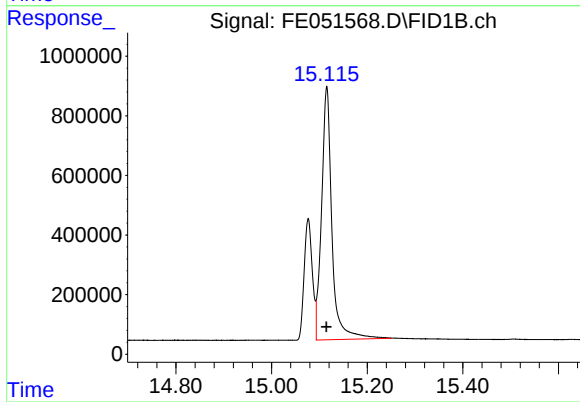
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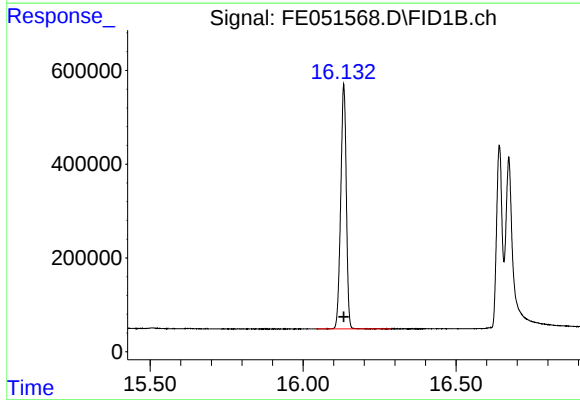
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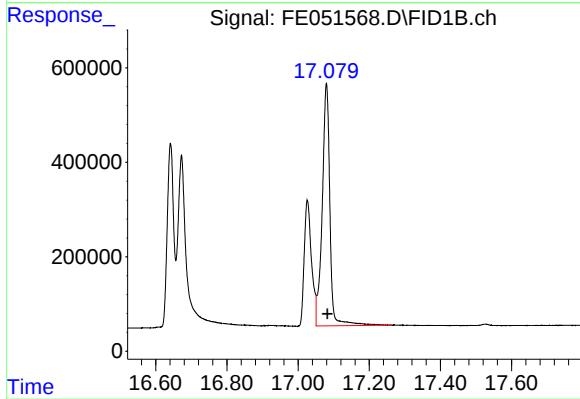
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 12721349
Conc: 96.28 ug/ml m



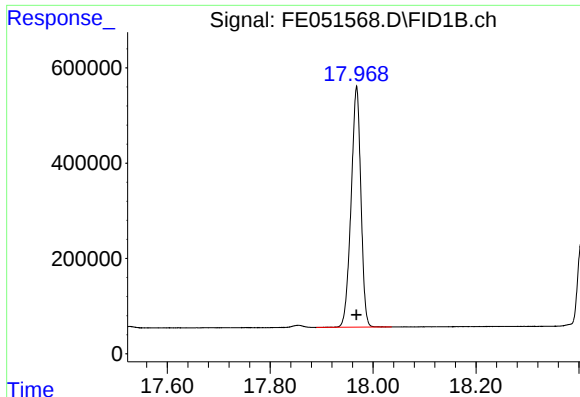
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: 0.000 min
Response: 6621972
Conc: 51.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.079 min
Delta R.T.: -0.003 min
Response: 7697076
Conc: 60.37 ug/ml



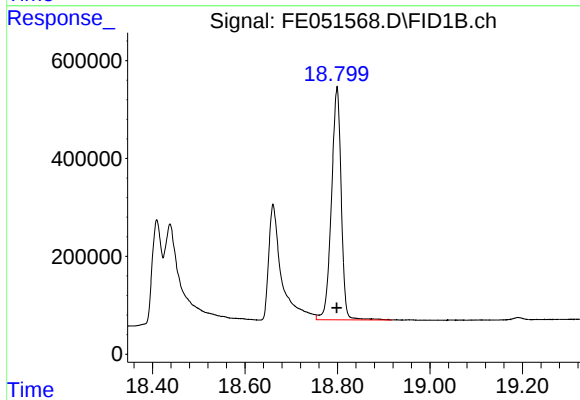
#17 n-Tricontane (C30)

R.T.: 17.968 min
Delta R.T.: 0.000 min
Response: 6656117
Conc: 51.41 ug/ml

Instrument :
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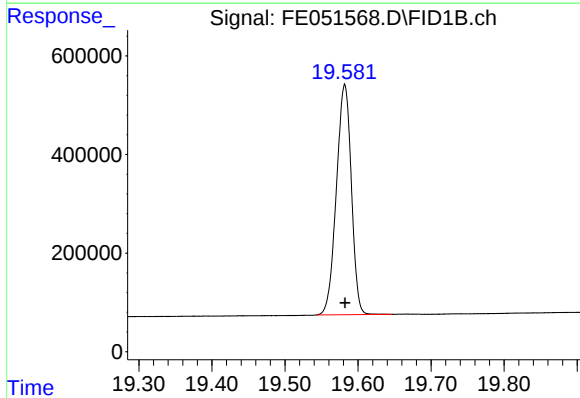
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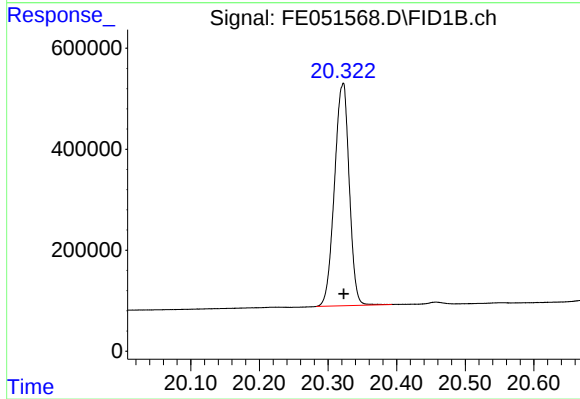
#18 n-Dotriacontane (C32)

R.T.: 18.799 min
Delta R.T.: 0.000 min
Response: 6976907
Conc: 55.73 ug/ml m



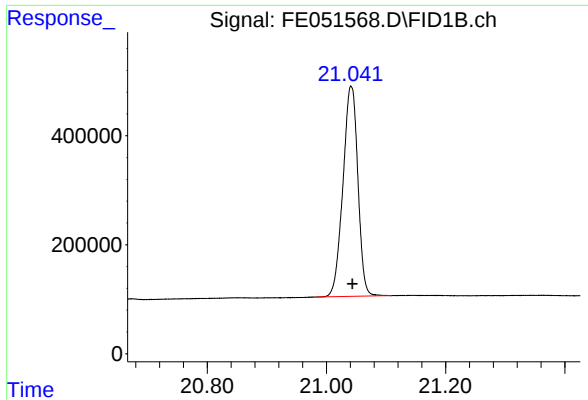
#19 n-Tetratriacontane (C34)

R.T.: 19.581 min
Delta R.T.: 0.000 min
Response: 6647168
Conc: 58.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.321 min
Delta R.T.: -0.002 min
Response: 6586872
Conc: 68.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: -0.002 min
Response: 6704711
Conc: 73.64 ug/ml

Instrument :

FID_E

ClientSampleId :

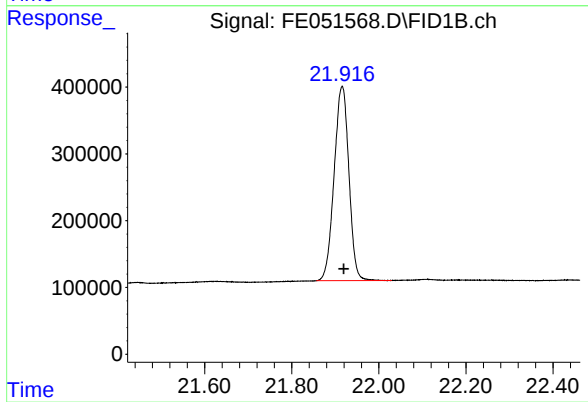
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#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: -0.004 min
Response: 6842640
Conc: 78.08 ug/ml