

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120122AL\
 Data File : FE039062.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2022 15:55
 Operator : YP\AJ
 Sample : PB149364BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149364BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2022
 Supervised By :Ankita Jodhani 12/02/2022

Integration File: autoint1.e
 Quant Time: Dec 01 16:44:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.953	7879957	50.371 ug/ml
Spiked Amount 50.000		Recovery =	100.74%
12) S 1-chlorooctadecane (S...	13.385	5953099	49.305 ug/ml
Spiked Amount 50.000		Recovery =	98.61%
Target Compounds			
1) T n-Nonane (C9)	3.352	6406911	45.199 ug/ml
2) T n-Decane (C10)	4.599	6950190	49.866 ug/ml
3) T A~Naphthalene (C11.7)	6.298	6575226	41.340 ug/ml
4) T n-Dodecane (C12)	6.759	8112961	57.555 ug/ml
5) T A~2-methylnaphthalene...	7.393	6712711	44.851 ug/ml
6) T n-Tetradecane (C14)	8.586	8442546	59.112 ug/ml
7) T n-Hexadecane (C16)	10.191	8955935	61.254 ug/ml
8) T n-Octadecane (C18)	11.635	9290096	63.134 ug/ml
10) T n-Eicosane (C20)	12.942	9021906	63.551 ug/ml
11) T n-Heneicosane (C21)	13.555	8918161	62.760 ug/ml
13) T n-Docosane (C22)	14.141	8922401	63.828 ug/ml
14) T n-Tetracosane (C24)	15.240	5095061	36.893 ug/mlm
15) T n-Hexacosane (C26)	16.265	8636600	64.301 ug/ml
16) T n-Octacosane (C28)	17.213	8536528	64.282 ug/ml
17) T n-Tricontane (C30)	18.102	8275953	62.668 ug/ml
18) T n-Dotriacontane (C32)	18.933	8311913	62.324 ug/ml
19) T n-Tetratriacontane (C34)	19.718	8125045	61.403 ug/ml
20) T n-Hexatriacontane (C36)	20.457	7559309	58.841 ug/ml
21) T n-Octatriacontane (C38)	21.197	7046810	53.777 ug/ml
22) T n-Tetracontane (C40)	22.119	6417761	47.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB149364BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

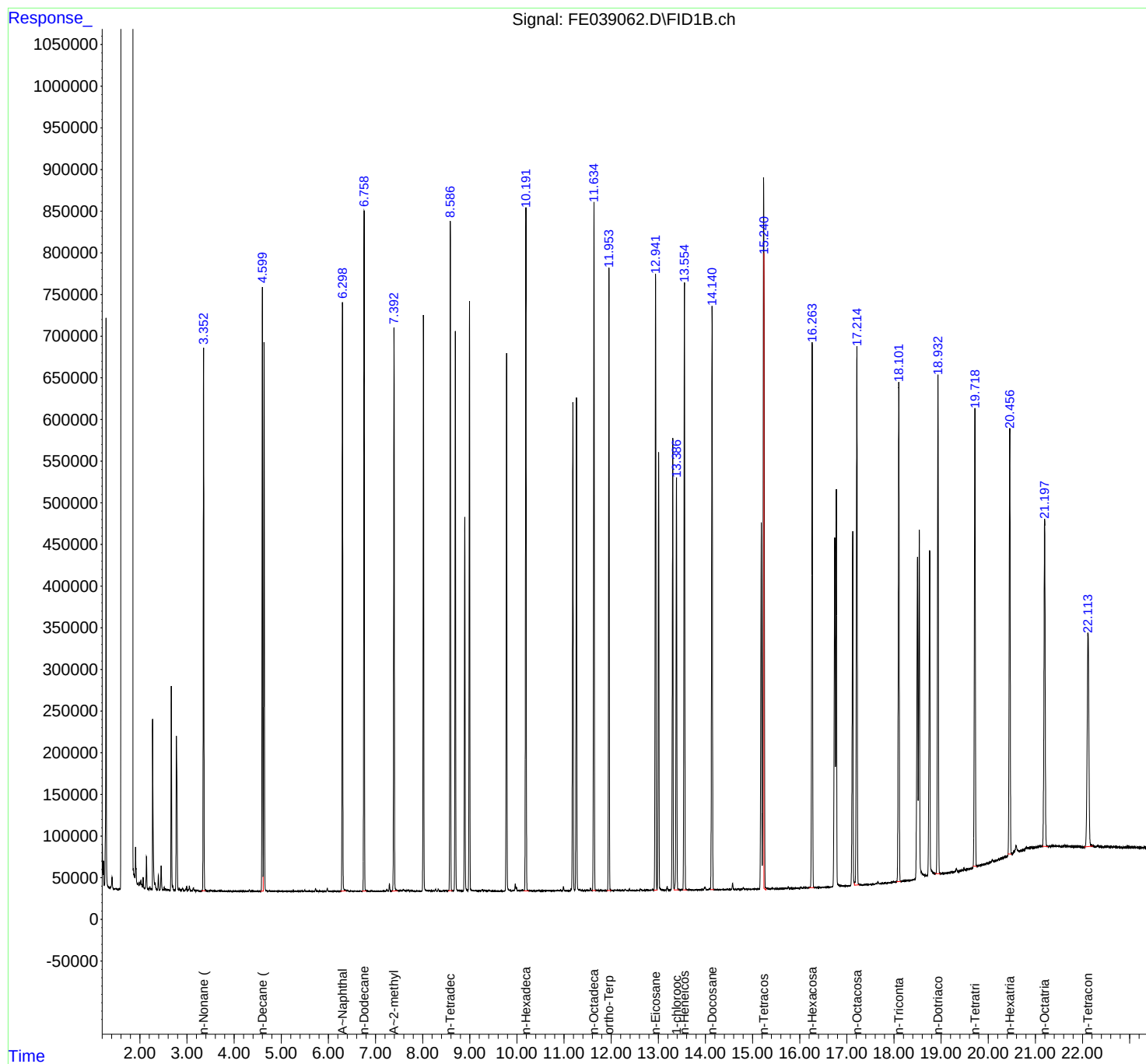
Instrument :
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PB149364BSD

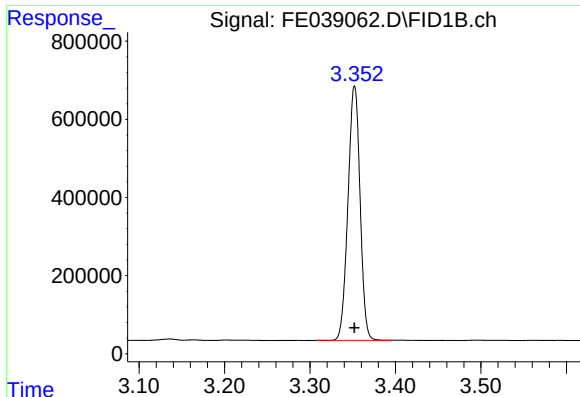
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#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 6406911
Conc: 45.20 ug/ml

Instrument :

FID_E

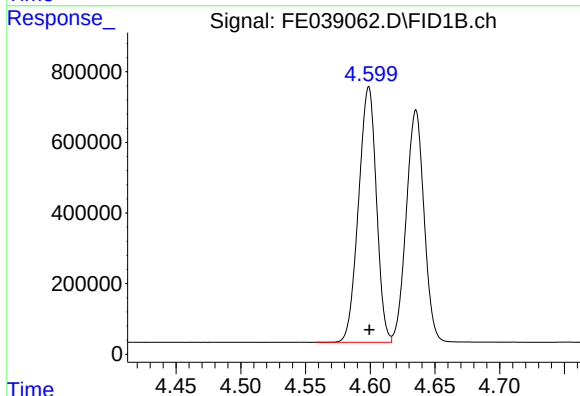
ClientSampleId :

PB149364BSD

Manual Integrations

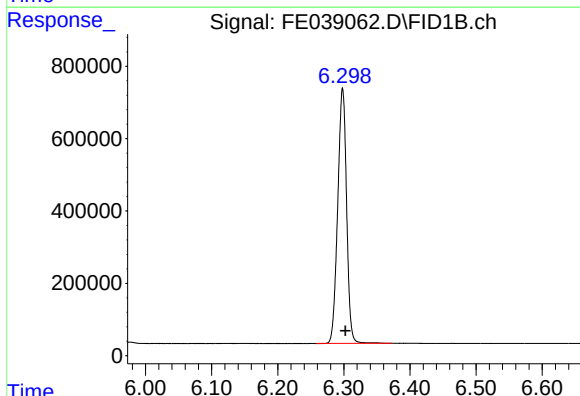
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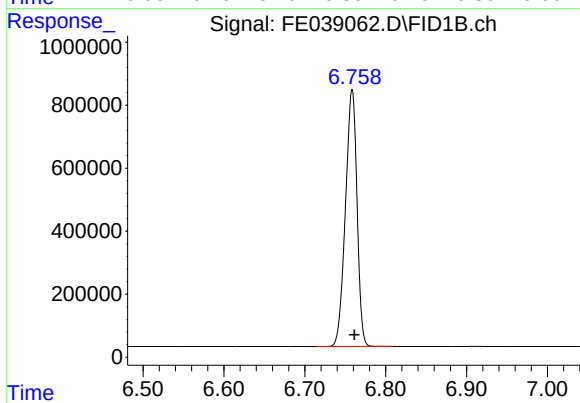
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 6950190
Conc: 49.87 ug/ml



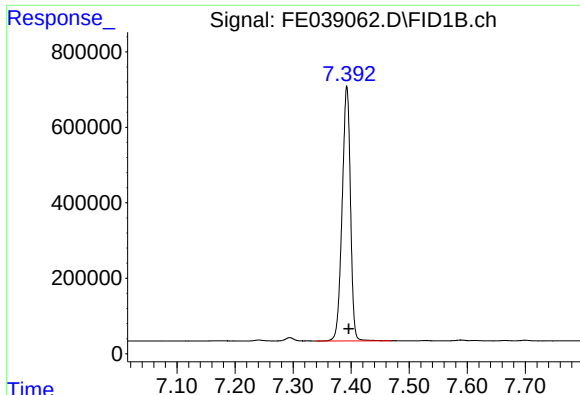
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 6575226
Conc: 41.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 8112961
Conc: 57.56 ug/ml



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

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 6712711
Conc: 44.85 ug/ml

Instrument :

FID_E

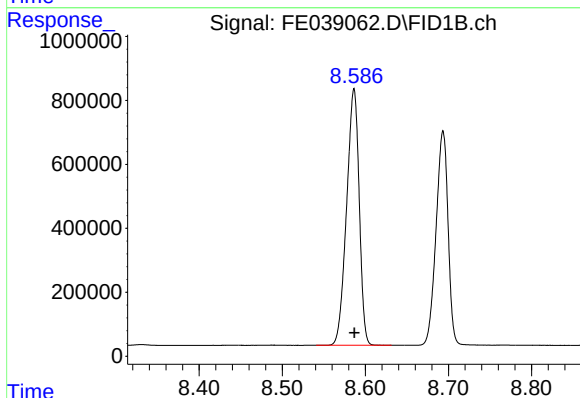
ClientSampleId :

PB149364BSD

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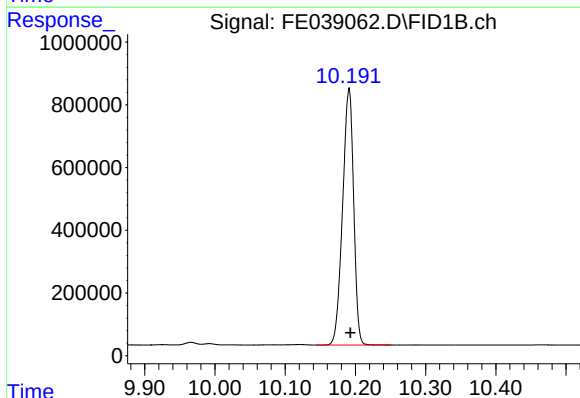
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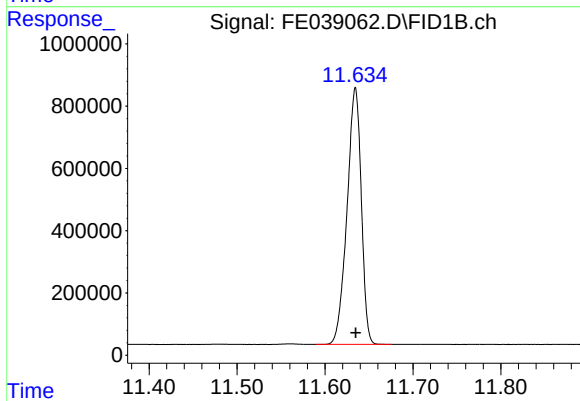
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 8442546
Conc: 59.11 ug/ml



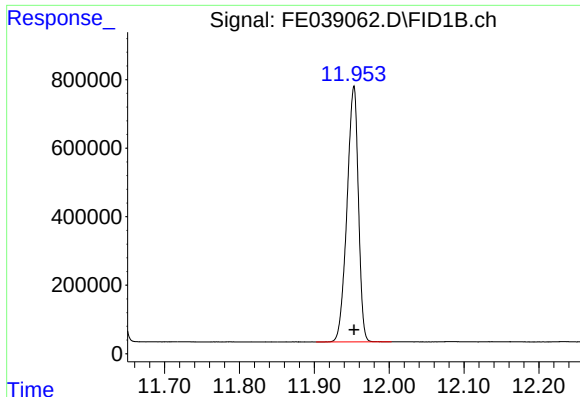
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.002 min
Response: 8955935
Conc: 61.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.000 min
Response: 9290096
Conc: 63.13 ug/ml



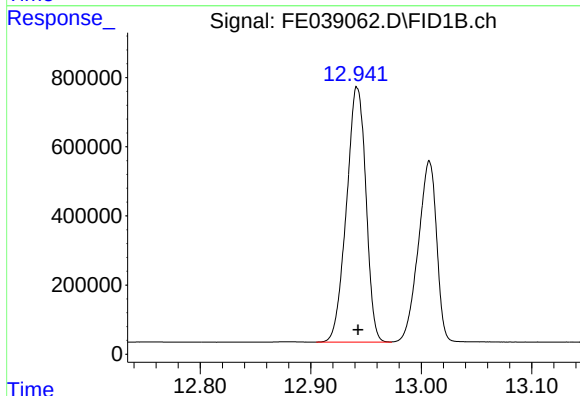
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: 0.000 min
Response: 7879957
Conc: 50.37 ug/ml

Instrument :
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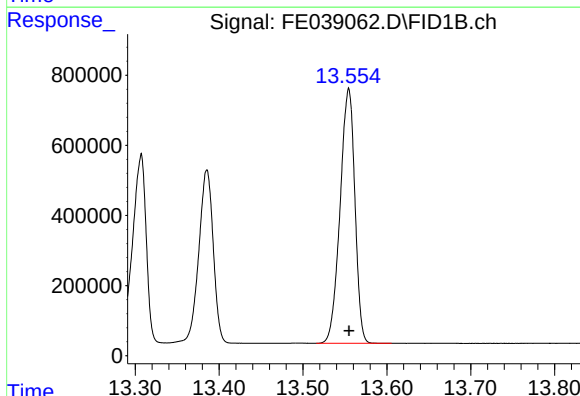
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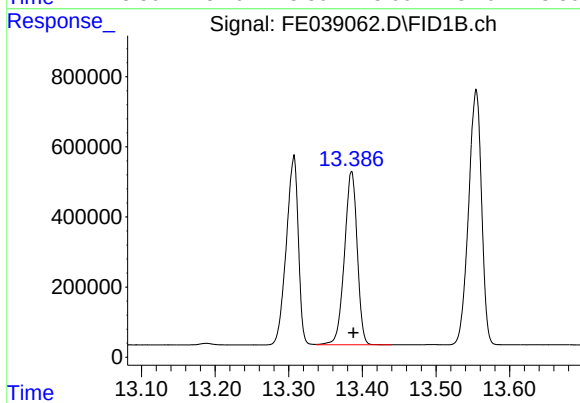
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.000 min
Response: 9021906
Conc: 63.55 ug/ml



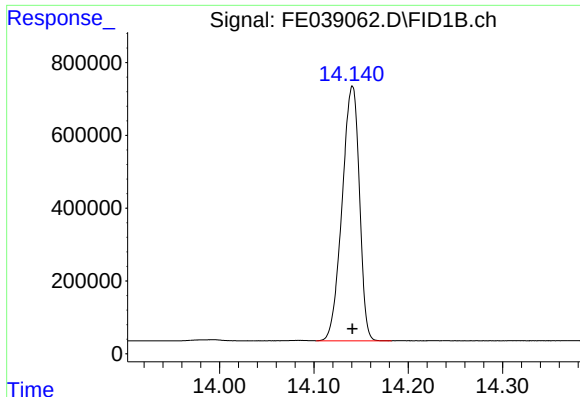
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 8918161
Conc: 62.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.003 min
Response: 5953099
Conc: 49.31 ug/ml



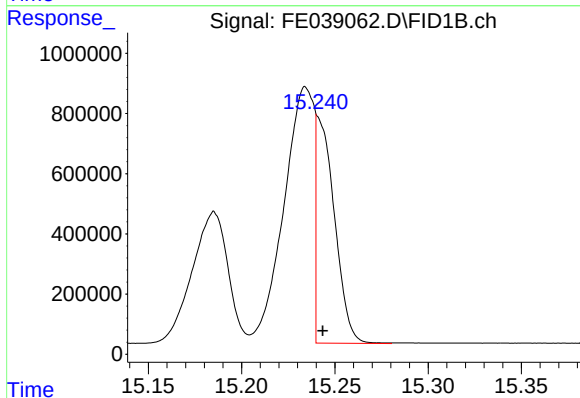
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.000 min
Response: 8922401
Conc: 63.83 ug/ml

Instrument :
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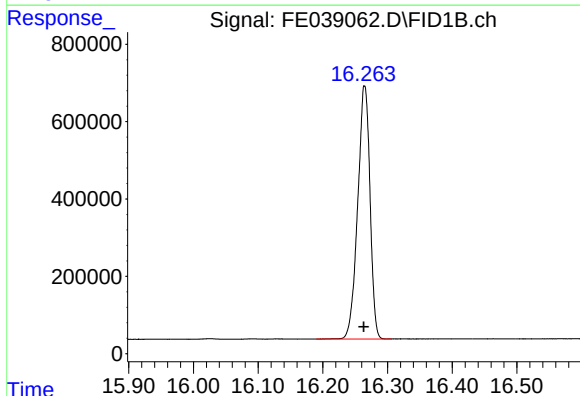
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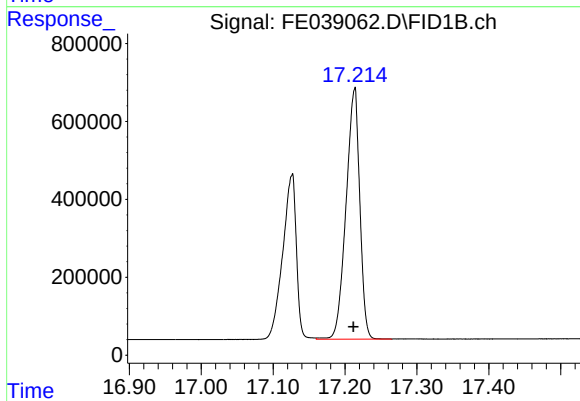
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.004 min
Response: 5095061
Conc: 36.89 ug/ml m



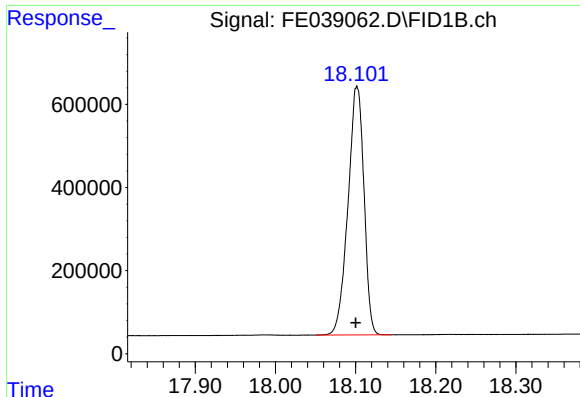
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.001 min
Response: 8636600
Conc: 64.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.001 min
Response: 8536528
Conc: 64.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.001 min
Response: 8275953
Conc: 62.67 ug/ml

Instrument :

FID_E

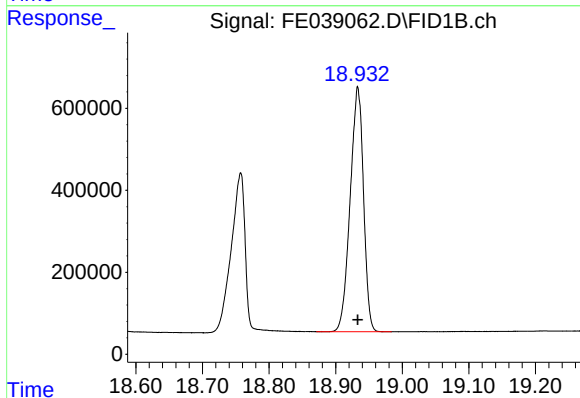
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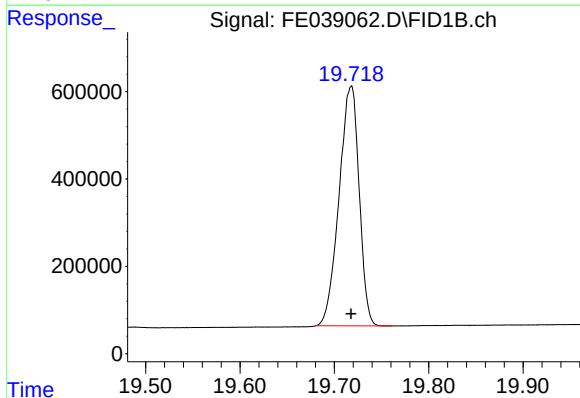
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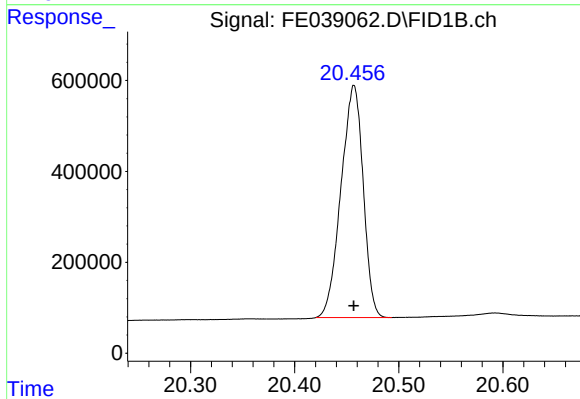
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 8311913
Conc: 62.32 ug/ml



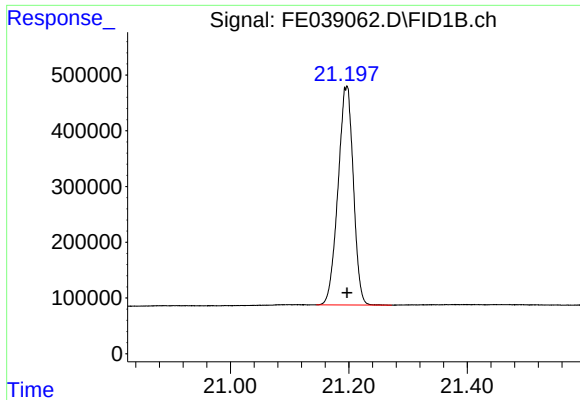
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 8125045
Conc: 61.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 7559309
Conc: 58.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.000 min
Response: 7046810
Conc: 53.78 ug/ml

Instrument :

FID_E

ClientSampleId :

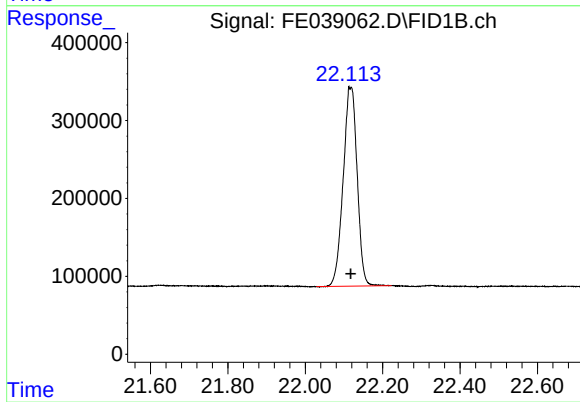
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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.001 min
Response: 6417761
Conc: 47.13 ug/ml