

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043024AL\
 Data File : FE047887.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2024 19:04
 Operator : YP\AJ
 Sample : PB160622BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160622BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/01/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: May 01 01:19:37 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.978	7082496	49.094 ug/ml
Spiked Amount 50.000		Recovery =	98.19%
12) S 1-chlorooctadecane (S...	13.410	5872983	52.559 ug/mlm
Spiked Amount 50.000		Recovery =	105.12%
Target Compounds			
1) T n-Nonane (C9)	3.363	6003503	46.582 ug/ml
2) T n-Decane (C10)	4.612	6297747	47.835 ug/ml
3) T A~Naphthalene (C11.7)	6.317	6712711	48.614 ug/ml
4) T n-Dodecane (C12)	6.775	6710255	50.335 ug/ml
5) T A~2-methylnaphthalene...	7.413	6766648	50.848 ug/ml
6) T n-Tetradecane (C14)	8.605	6963915	52.549 ug/ml
7) T n-Hexadecane (C16)	10.212	6967101	50.658 ug/ml
8) T n-Octadecane (C18)	11.656	7107581	51.025 ug/ml
10) T n-Eicosane (C20)	12.965	7145647	53.071 ug/ml
11) T n-Heneicosane (C21)	13.576	6943263	52.452 ug/ml
13) T n-Docosane (C22)	14.163	6880004	51.917 ug/ml
14) T n-Tetracosane (C24)	15.260	11943951	89.701 ug/ml
15) T n-Hexacosane (C26)	16.288	6743135	50.532 ug/ml
16) T n-Octacosane (C28)	17.236	6890854	51.754 ug/ml
17) T n-Tricontane (C30)	18.124	6844697	49.594 ug/ml
18) T n-Dotriacontane (C32)	18.955	6861321	49.674 ug/ml
19) T n-Tetratriacontane (C34)	19.738	7183239	52.732 ug/ml
20) T n-Hexatriacontane (C36)	20.479	7262690	53.639 ug/ml
21) T n-Octatriacontane (C38)	21.222	7474641	54.138 ug/ml
22) T n-Tetracontane (C40)	22.151	7472211	53.633 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB160622BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

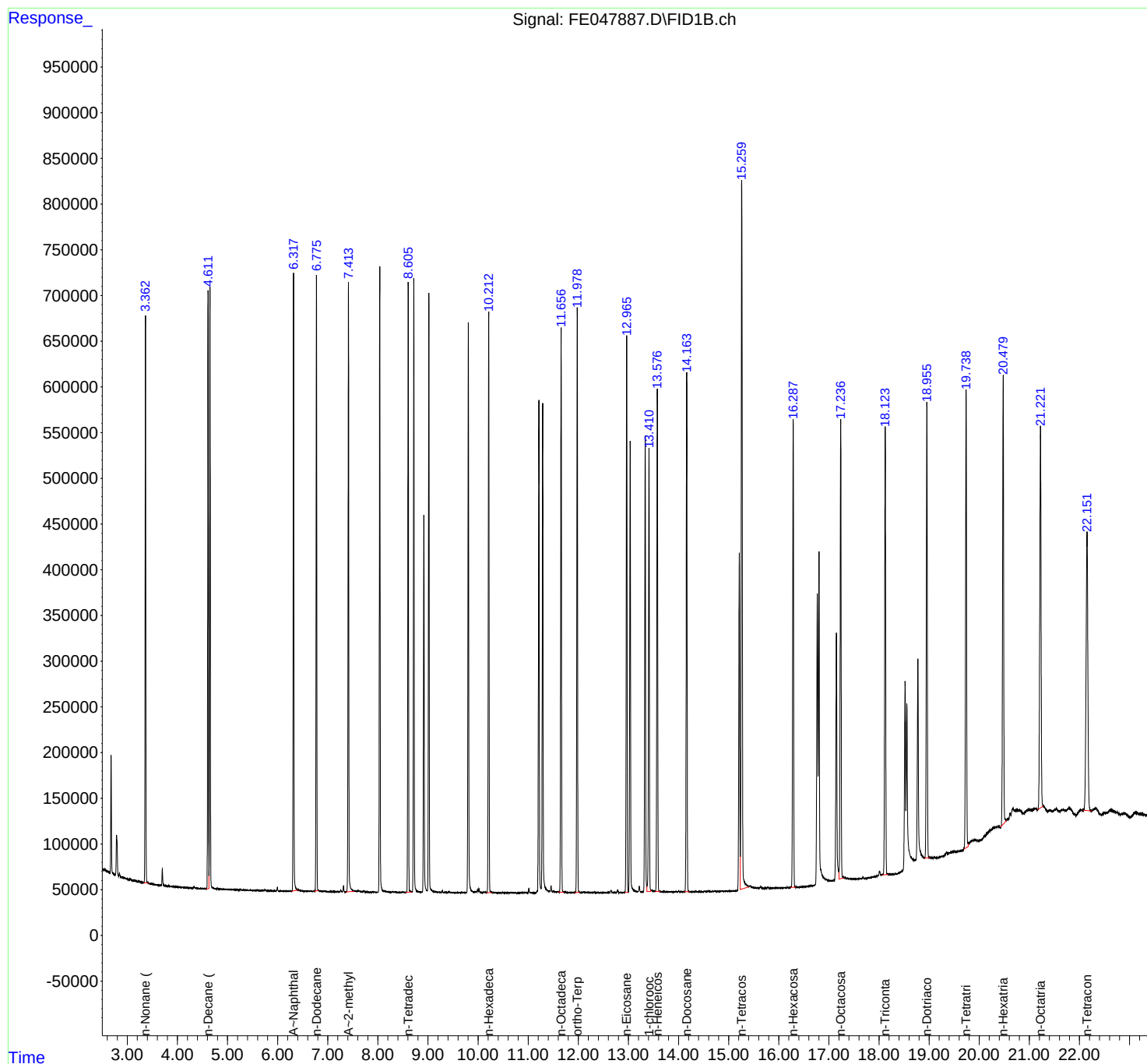
Instrument :
FID_E
ClientSampleId :
PB160622BSD

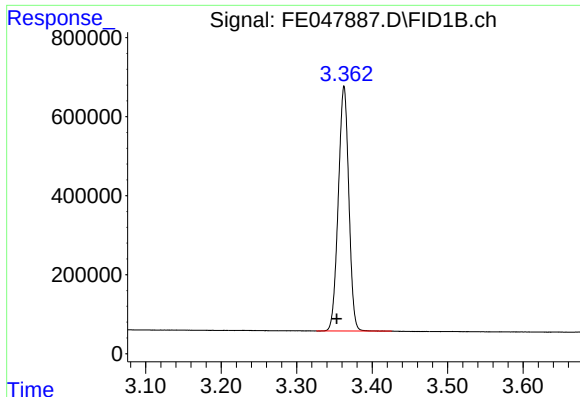
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Signal Info : 20M x 0.18mm x 0.18um





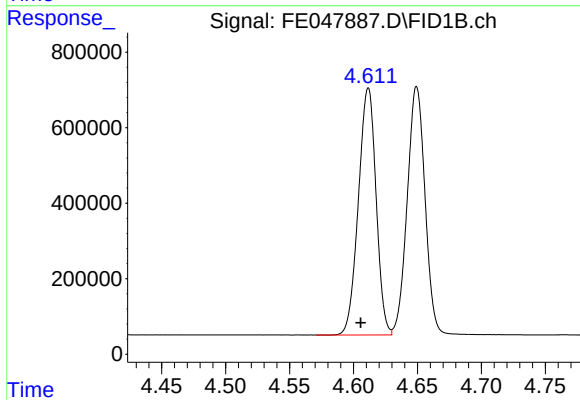
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: 0.010 min
Response: 6003503
Conc: 46.58 ug/ml

Instrument :
FID_E
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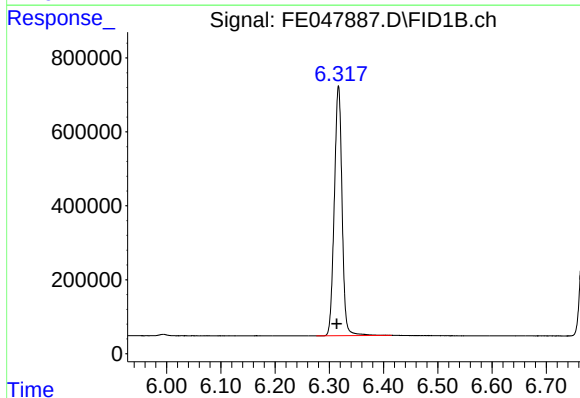
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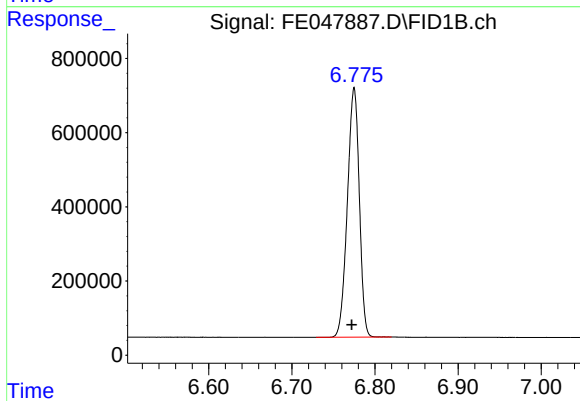
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.006 min
Response: 6297747
Conc: 47.84 ug/ml



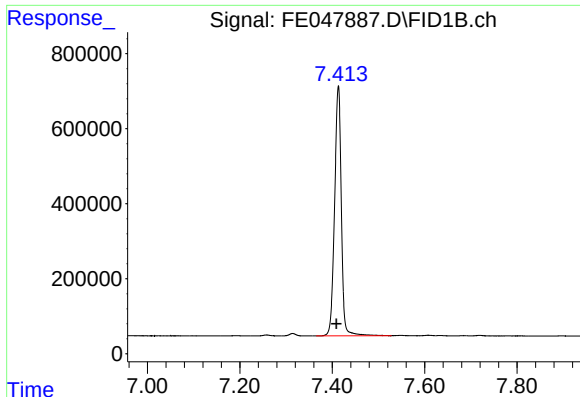
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.003 min
Response: 6712711
Conc: 48.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.775 min
Delta R.T.: 0.003 min
Response: 6710255
Conc: 50.33 ug/ml



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

R.T.: 7.413 min
Delta R.T.: 0.004 min
Response: 6766648
Conc: 50.85 ug/ml

Instrument :

FID_E

ClientSampleId :

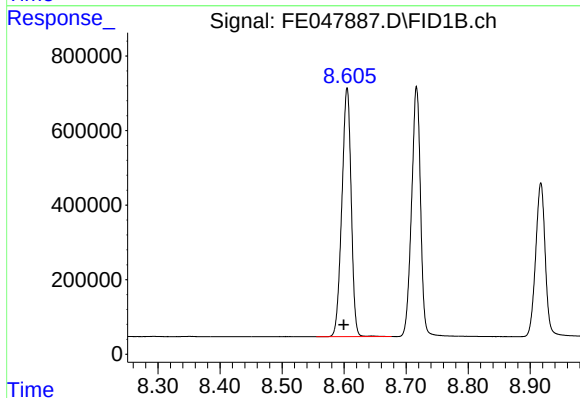
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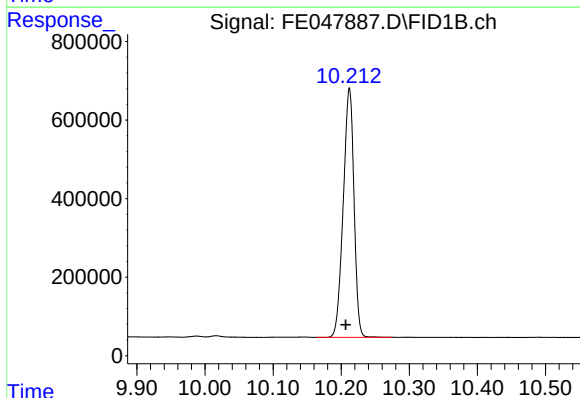
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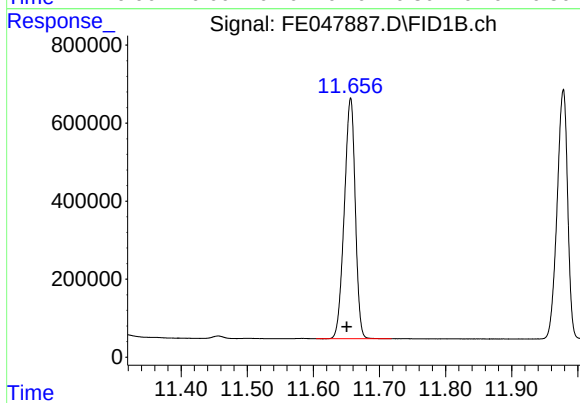
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.005 min
Response: 6963915
Conc: 52.55 ug/ml



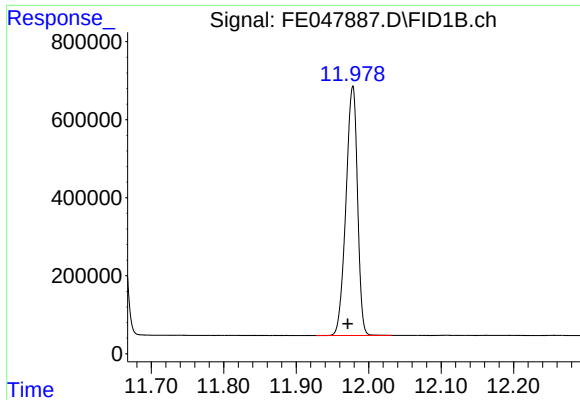
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.005 min
Response: 6967101
Conc: 50.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: 0.006 min
Response: 7107581
Conc: 51.02 ug/ml



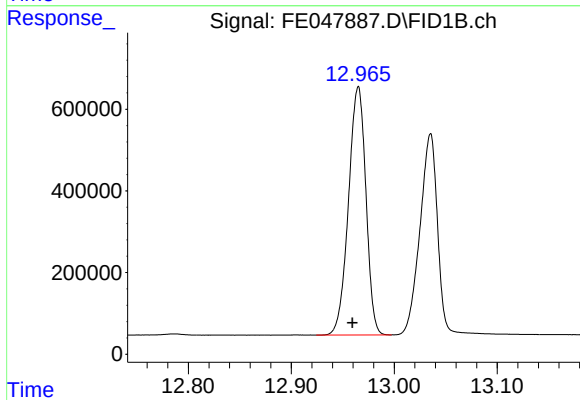
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.007 min
Response: 7082496
Conc: 49.09 ug/ml

Instrument :
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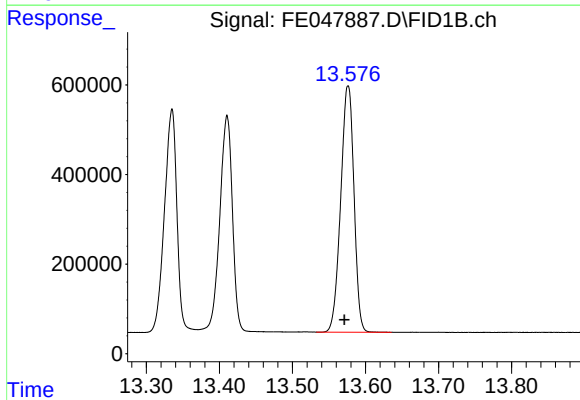
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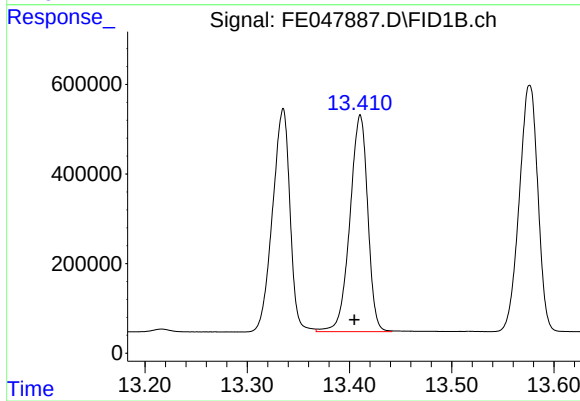
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.006 min
Response: 7145647
Conc: 53.07 ug/ml



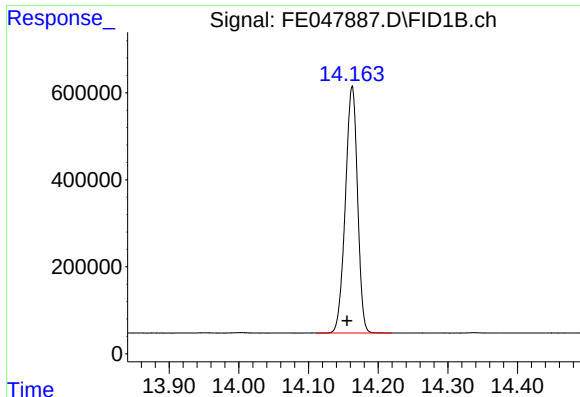
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.005 min
Response: 6943263
Conc: 52.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.005 min
Response: 5872983
Conc: 52.56 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.007 min
Response: 6880004
Conc: 51.92 ug/ml

Instrument :

FID_E

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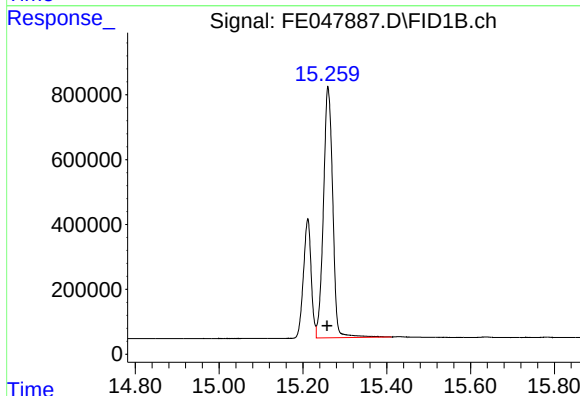
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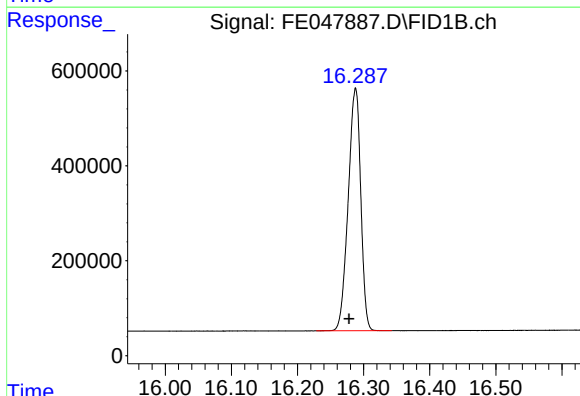
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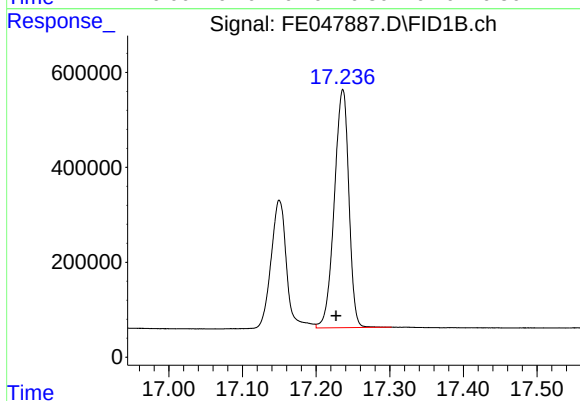
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.002 min
Response: 11943951
Conc: 89.70 ug/ml



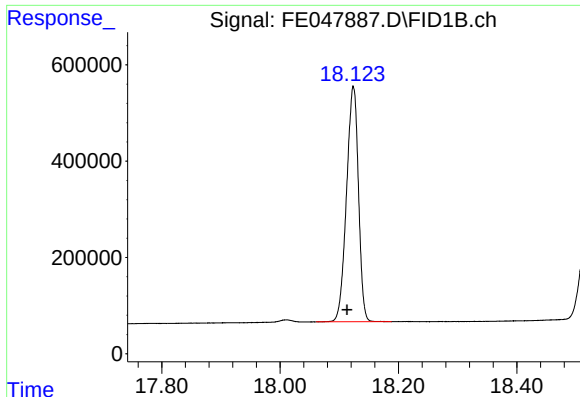
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.010 min
Response: 6743135
Conc: 50.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.009 min
Response: 6890854
Conc: 51.75 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.010 min
Response: 6844697
Conc: 49.59 ug/ml

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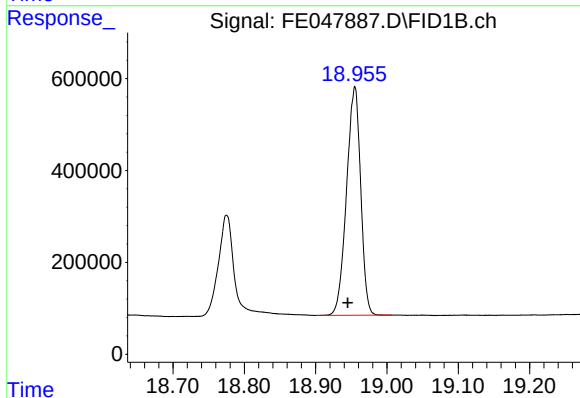
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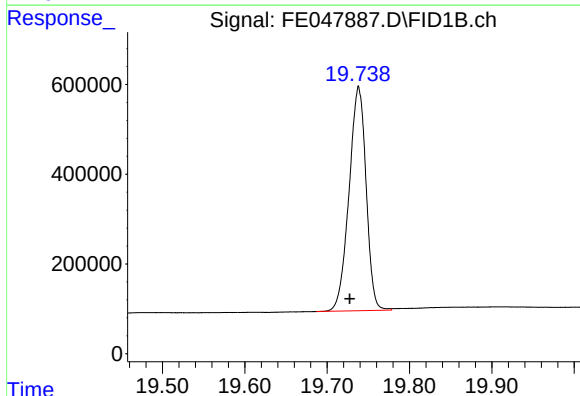
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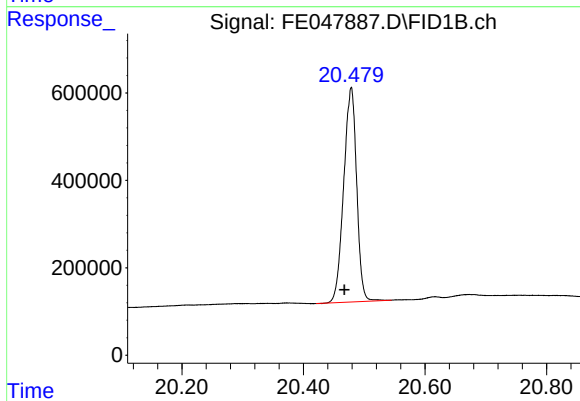
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.010 min
Response: 6861321
Conc: 49.67 ug/ml



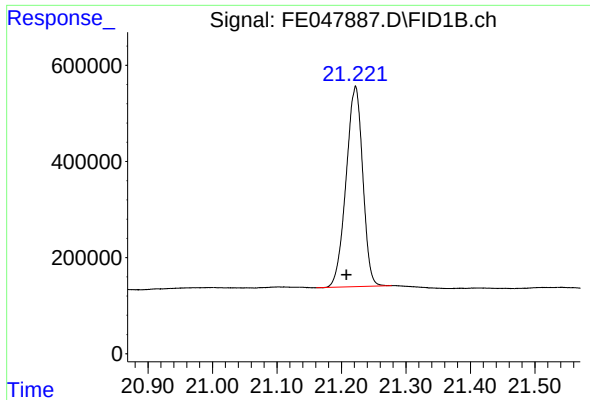
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.011 min
Response: 7183239
Conc: 52.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.479 min
Delta R.T.: 0.011 min
Response: 7262690
Conc: 53.64 ug/ml



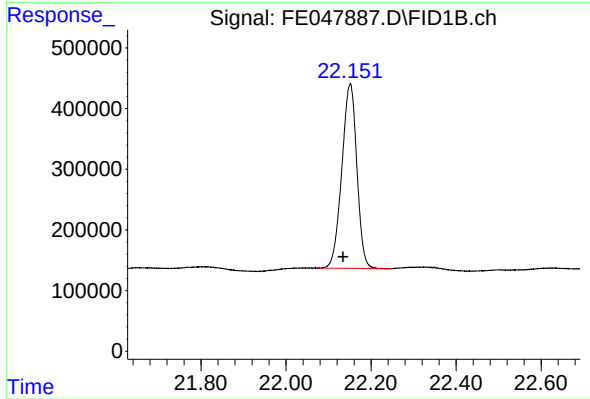
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.014 min
Response: 7474641
Conc: 54.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.017 min
Response: 7472211
Conc: 53.63 ug/ml