

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060424AL\
 Data File : FE048545.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2024 18:39
 Operator : YP\AJ
 Sample : P2704-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WCS-TPOMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/05/2024

Supervised By :Ankita Jodhani 06/05/2024

Integration File: autoint1.e

Quant Time: Jun 05 01:53:34 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 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)	11.947	4309035	30.008 ug/ml
Spiked Amount 50.000		Recovery =	60.02%
12) S 1-chlorooctadecane (S...	13.381	3770607	34.611 ug/ml
Spiked Amount 50.000		Recovery =	69.22%
Target Compounds			
1) T n-Nonane (C9)	3.339	4873755	32.599 ug/ml
2) T n-Decane (C10)	4.587	5557312	36.803 ug/ml
3) T A~Naphthalene (C11.7)	6.289	5987059	40.209 ug/ml
4) T n-Dodecane (C12)	6.749	5558750	37.552 ug/ml
5) T A~2-methylnaphthalene...	7.386	6001322	43.283 ug/ml
6) T n-Tetradecane (C14)	8.578	5761330	40.620 ug/ml
7) T n-Hexadecane (C16)	10.185	5960602	42.280 ug/ml
8) T n-Octadecane (C18)	11.628	6073594	43.731 ug/ml
10) T n-Eicosane (C20)	12.937	6136692	46.372 ug/ml
11) T n-Heneicosane (C21)	13.548	5938977	45.850 ug/ml
13) T n-Docosane (C22)	14.134	5912941	45.886 ug/ml
14) T n-Tetracosane (C24)	15.227	10902619	84.158 ug/ml
15) T n-Hexacosane (C26)	16.257	5926119	45.724 ug/ml
16) T n-Octacosane (C28)	17.205	6246802	48.330 ug/ml
17) T n-Tricontane (C30)	18.091	6151823	45.922 ug/ml
18) T n-Dotriacontane (C32)	18.923	6306128	46.457 ug/ml
19) T n-Tetratriacontane (C34)	19.705	6386035	46.681 ug/ml
20) T n-Hexatriacontane (C36)	20.445	6463031	47.545 ug/ml
21) T n-Octatriacontane (C38)	21.180	6586626	48.299 ug/ml
22) T n-Tetracontane (C40)	22.099	6318071	46.144 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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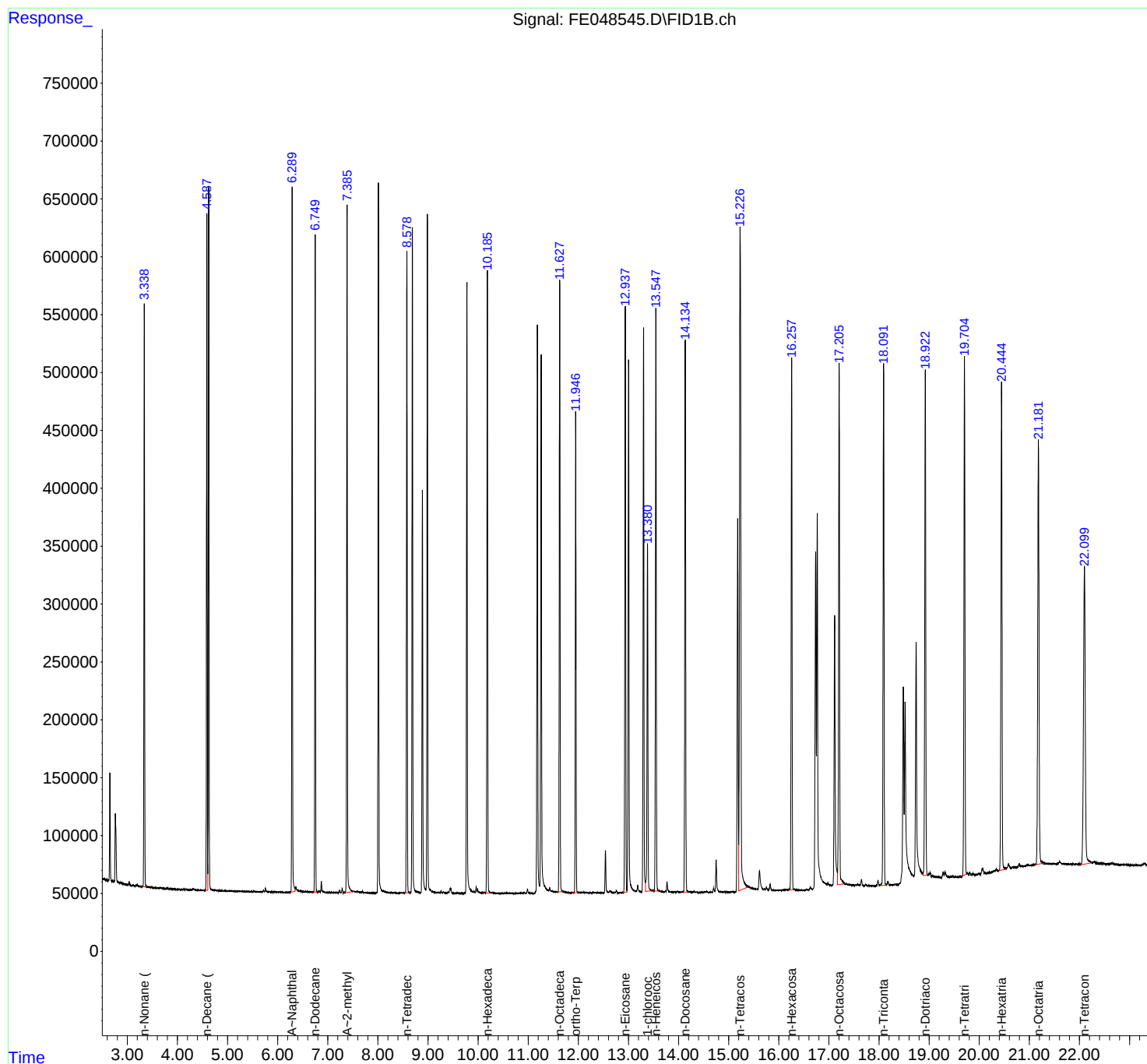
Response via : Initial Calibration

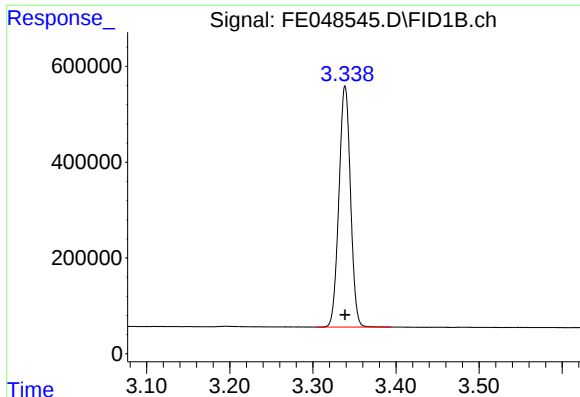
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.339 min
Delta R.T.: 0.000 min
Response: 4873755
Conc: 32.60 ug/ml

Instrument :

FID_E

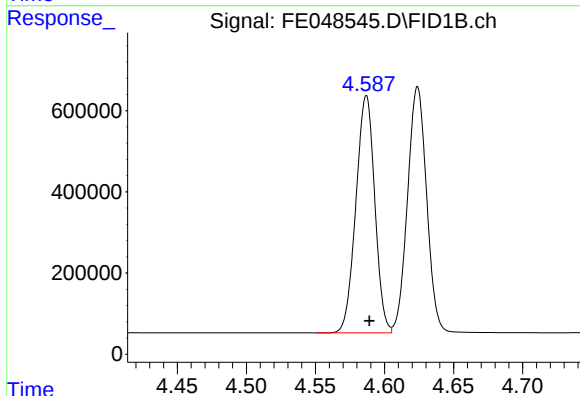
ClientSampleId :

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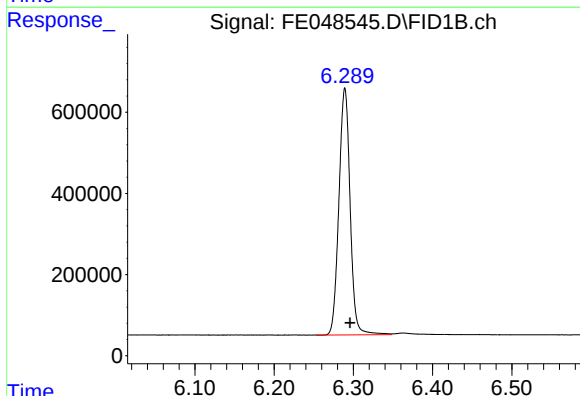
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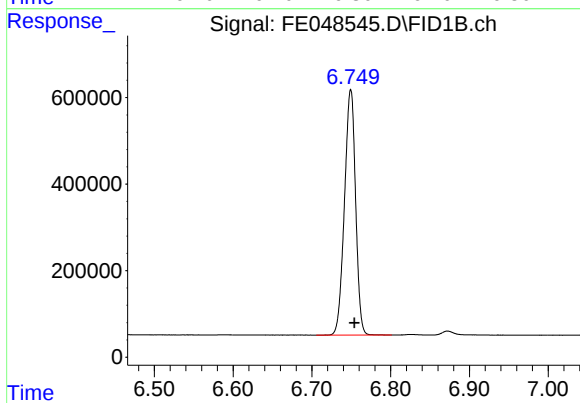
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.002 min
Response: 5557312
Conc: 36.80 ug/ml



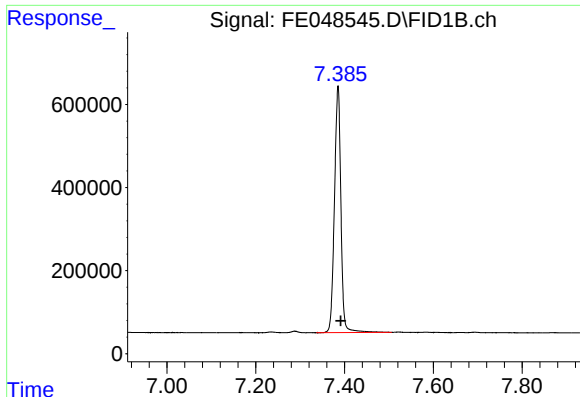
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.007 min
Response: 5987059
Conc: 40.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 5558750
Conc: 37.55 ug/ml



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

R.T.: 7.386 min
Delta R.T.: -0.006 min
Response: 6001322
Conc: 43.28 ug/ml

Instrument :

FID_E

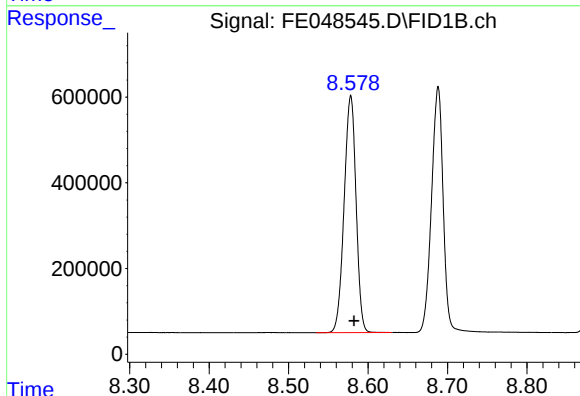
ClientSampleId :

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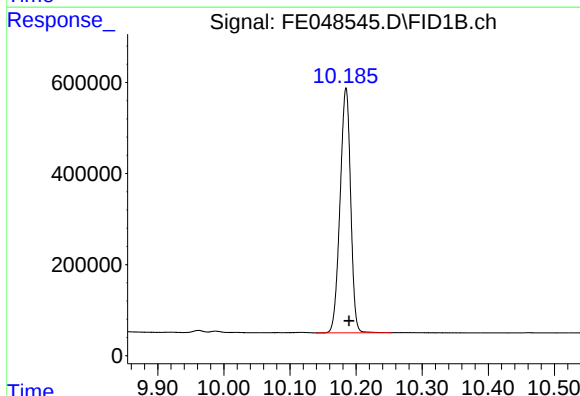
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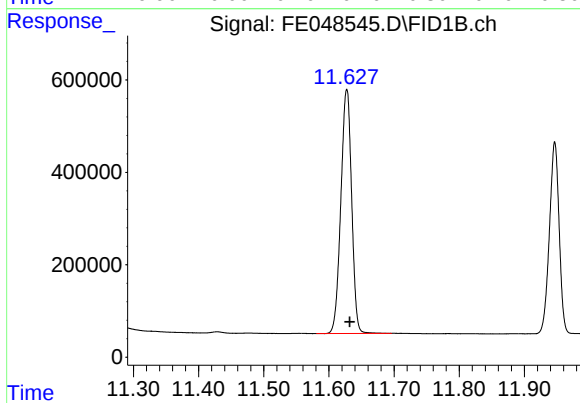
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 5761330
Conc: 40.62 ug/ml



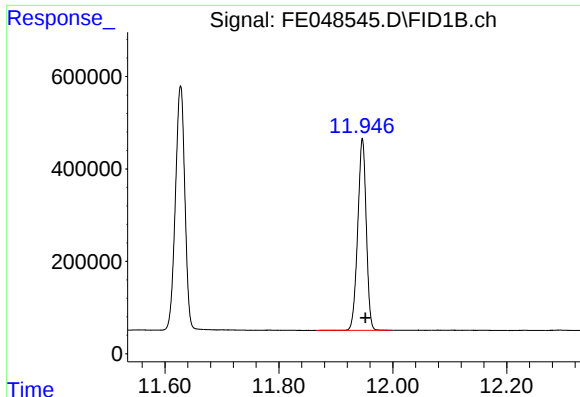
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.004 min
Response: 5960602
Conc: 42.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 6073594
Conc: 43.73 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: -0.005 min
Response: 4309035
Conc: 30.01 ug/ml

Instrument :

FID_E

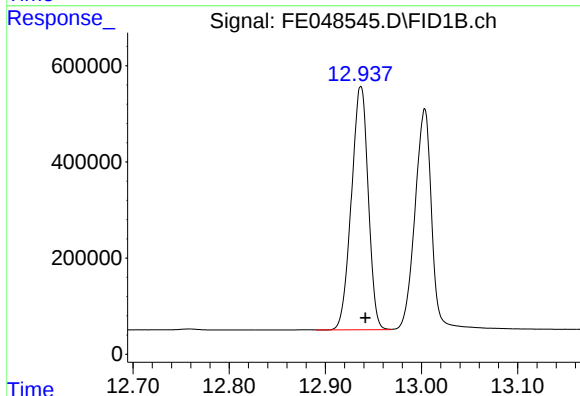
ClientSampleId :

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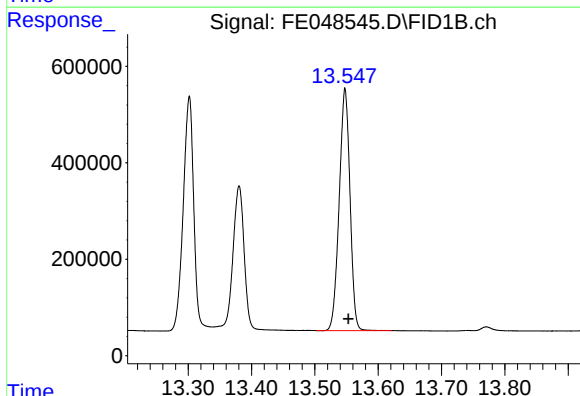
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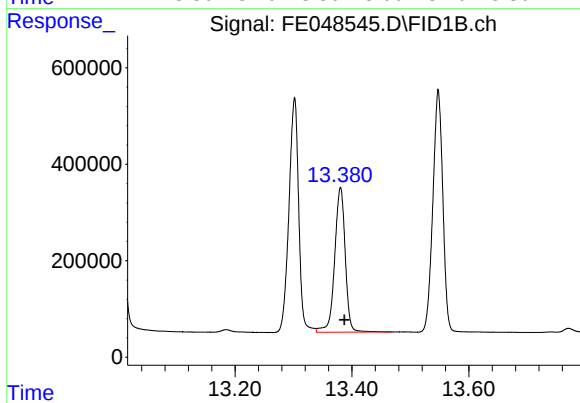
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.005 min
Response: 6136692
Conc: 46.37 ug/ml



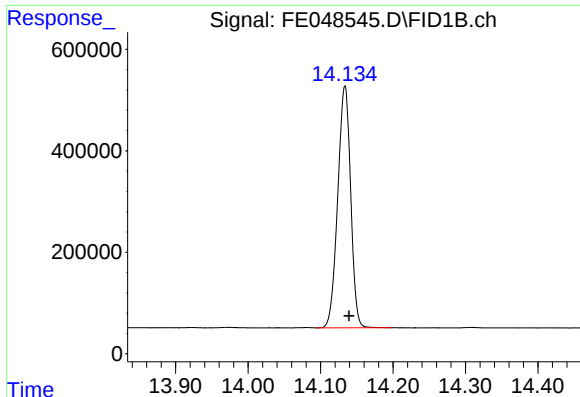
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.005 min
Response: 5938977
Conc: 45.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.006 min
Response: 3770607
Conc: 34.61 ug/ml



#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.006 min
Response: 5912941
Conc: 45.89 ug/ml

Instrument :

FID_E

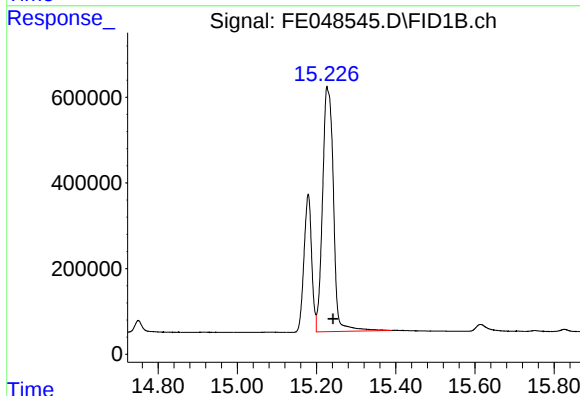
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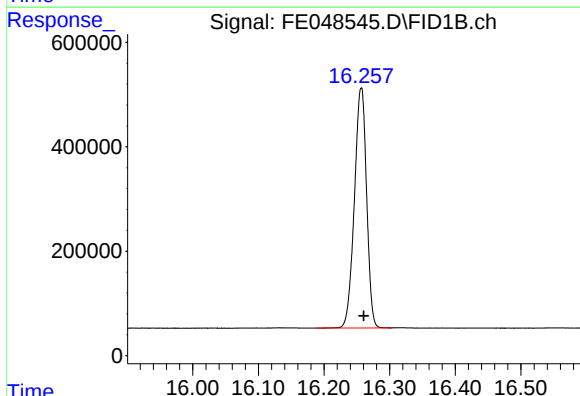
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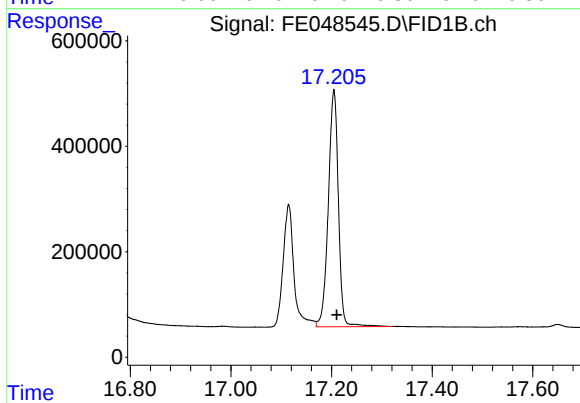
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.015 min
Response: 10902619
Conc: 84.16 ug/ml



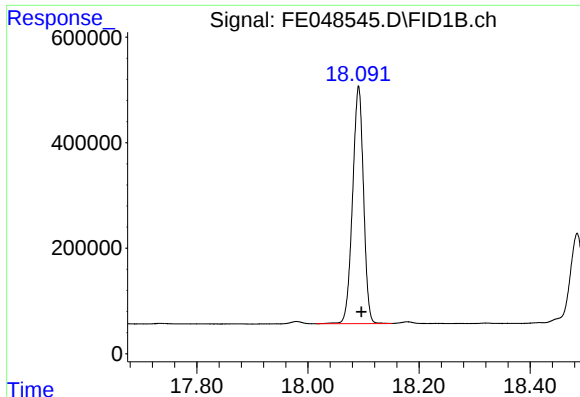
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.004 min
Response: 5926119
Conc: 45.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.005 min
Response: 6246802
Conc: 48.33 ug/ml



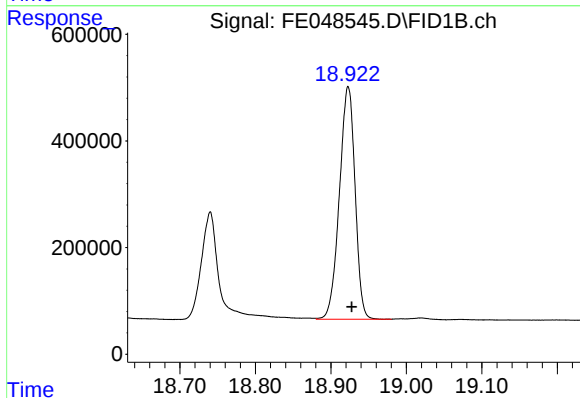
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.005 min
Response: 6151823
Conc: 45.92 ug/ml

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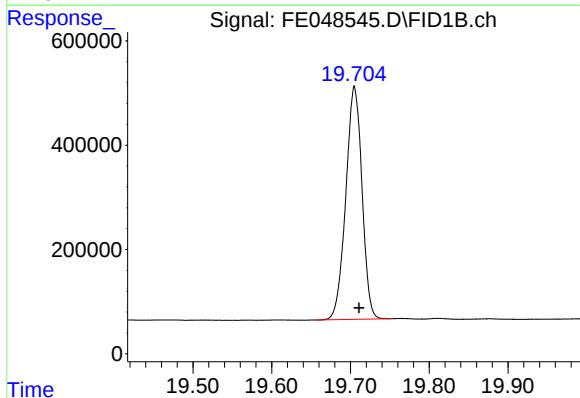
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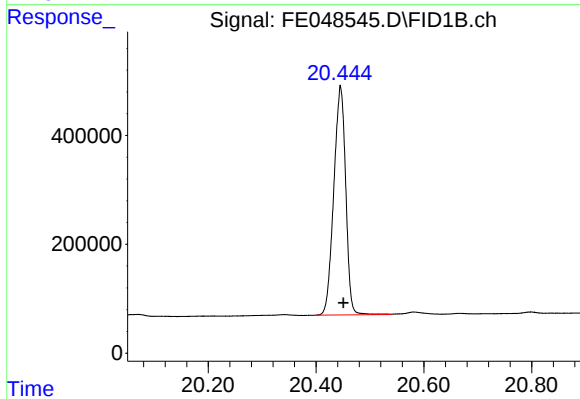
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.005 min
Response: 6306128
Conc: 46.46 ug/ml



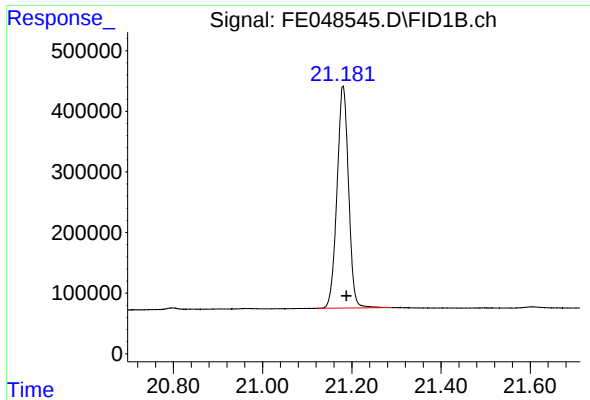
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.006 min
Response: 6386035
Conc: 46.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.005 min
Response: 6463031
Conc: 47.54 ug/ml



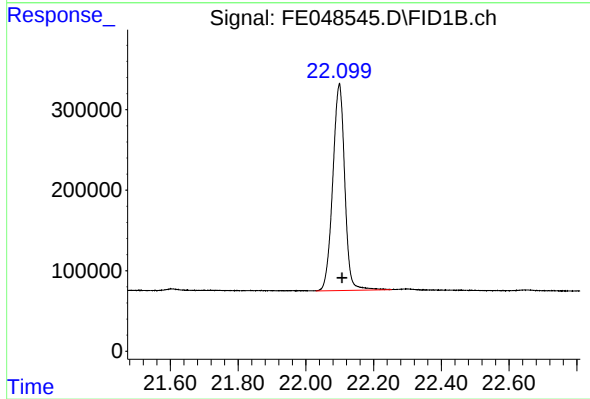
#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: -0.007 min
Response: 6586626
Conc: 48.30 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.008 min
Response: 6318071
Conc: 46.14 ug/ml m