

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061424AL\
 Data File : FE048726.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2024 13:52
 Operator : YP\AJ
 Sample : PB161491BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB161491BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/17/2024

Supervised By :Ankita Jodhani 06/17/2024

Integration File: autoint1.e

Quant Time: Jun 15 00:51:29 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)	11.941	6441952	44.862 ug/ml
Spiked Amount 50.000		Recovery =	89.72%
12) S 1-chlorooctadecane (S...	13.375	5479919	50.301 ug/ml
Spiked Amount 50.000		Recovery =	100.60%
Target Compounds			
1) T n-Nonane (C9)	3.338	5746623	38.438 ug/ml
2) T n-Decane (C10)	4.582	6217120	41.172 ug/ml
3) T A~Naphthalene (C11.7)	6.283	6761680	45.411 ug/ml
4) T n-Dodecane (C12)	6.743	6221729	42.031 ug/ml
5) T A~2-methylnaphthalene...	7.379	6773621	48.853 ug/ml
6) T n-Tetradecane (C14)	8.572	6436210	45.379 ug/ml
7) T n-Hexadecane (C16)	10.178	6347906	45.027 ug/ml
8) T n-Octadecane (C18)	11.621	6215325	44.751 ug/ml
10) T n-Eicosane (C20)	12.930	6168675	46.614 ug/ml
11) T n-Heneicosane (C21)	13.542	5943505	45.885 ug/ml
13) T n-Docosane (C22)	14.127	5897265	45.764 ug/ml
14) T n-Tetracosane (C24)	15.219	10983255	84.780 ug/ml
15) T n-Hexacosane (C26)	16.250	5882208	45.385 ug/ml
16) T n-Octacosane (C28)	17.198	6168212	47.722 ug/ml
17) T n-Tricontane (C30)	18.085	5994718	44.749 ug/ml
18) T n-Dotriacontane (C32)	18.916	6201262	45.684 ug/ml
19) T n-Tetratriacontane (C34)	19.699	5940880	43.427 ug/ml
20) T n-Hexatriacontane (C36)	20.440	5492246	40.403 ug/ml
21) T n-Octatriacontane (C38)	21.176	5159275	37.832 ug/ml
22) T n-Tetracontane (C40)	22.089	4695544	34.294 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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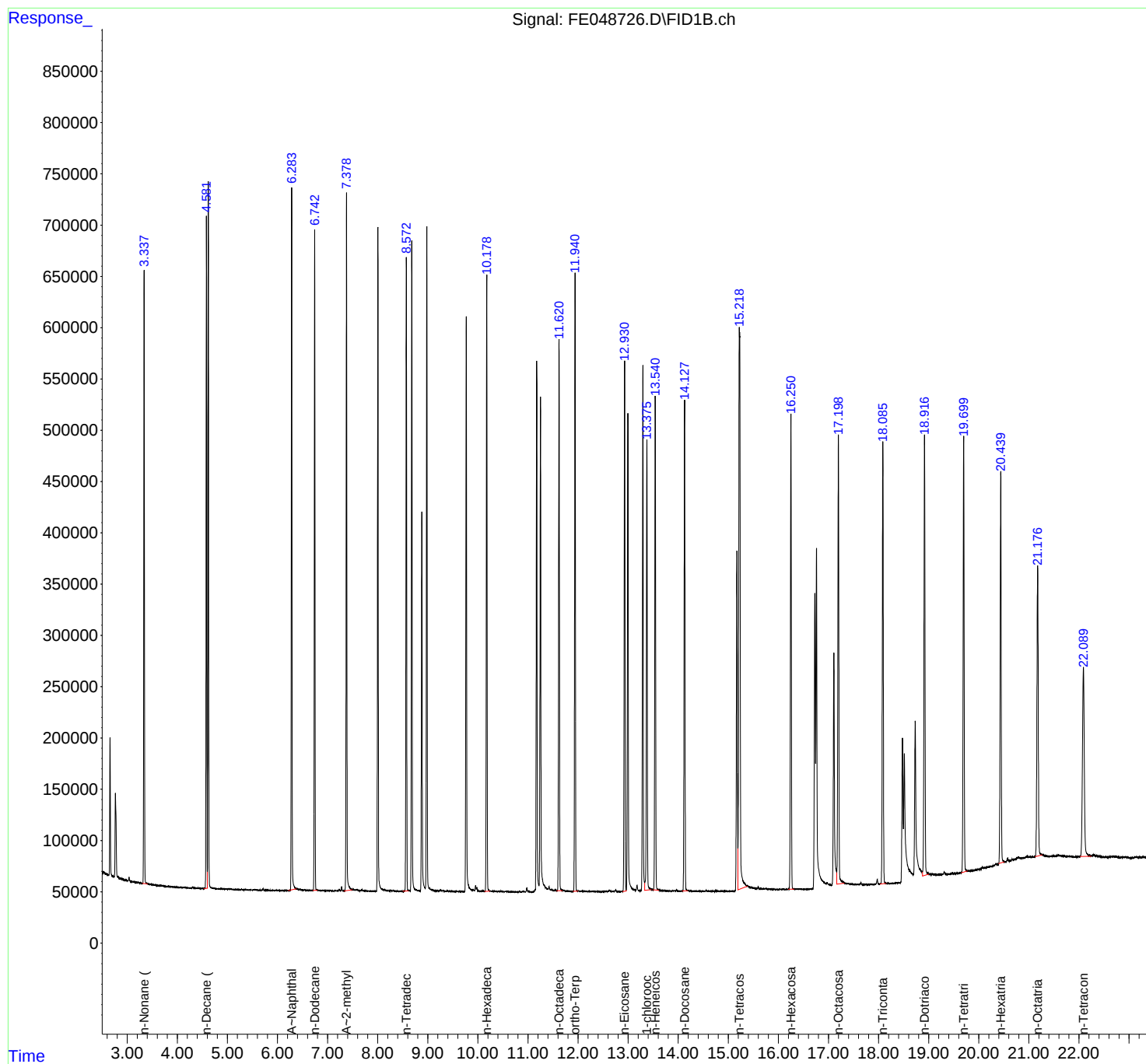
Response via : Initial Calibration

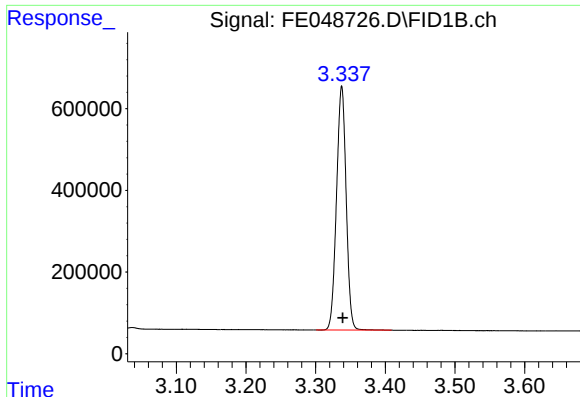
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: -0.001 min
Response: 5746623
Conc: 38.44 ug/ml

Instrument :

FID_E

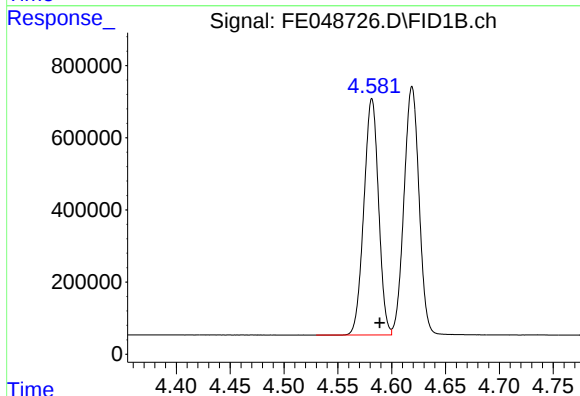
ClientSampleId :

PB161491BS

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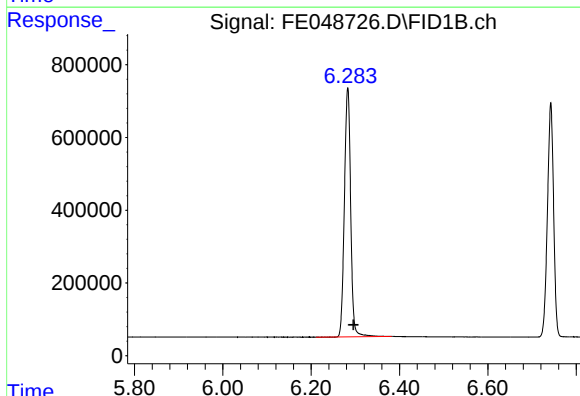
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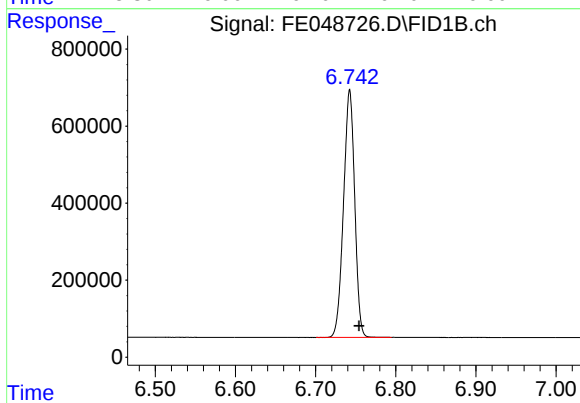
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 6217120
Conc: 41.17 ug/ml



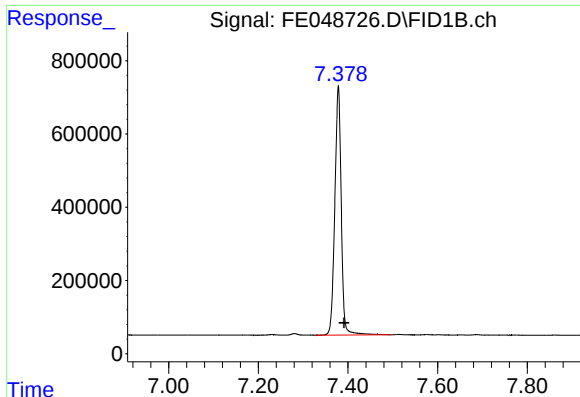
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.013 min
Response: 6761680
Conc: 45.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: -0.012 min
Response: 6221729
Conc: 42.03 ug/ml



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

R.T.: 7.379 min
Delta R.T.: -0.013 min
Response: 6773621
Conc: 48.85 ug/ml

Instrument :

FID_E

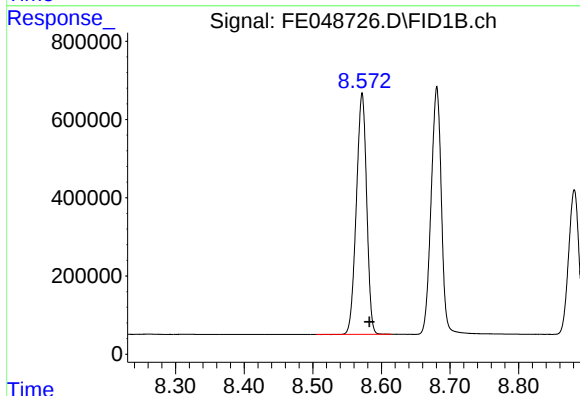
ClientSampleId :

PB161491BS

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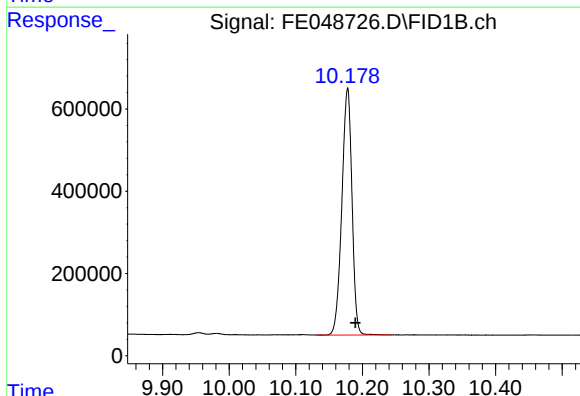
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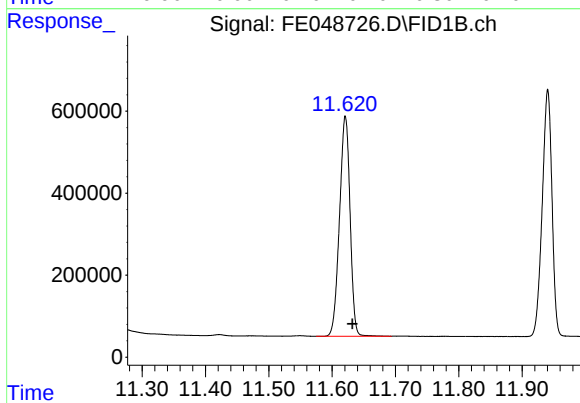
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.011 min
Response: 6436210
Conc: 45.38 ug/ml



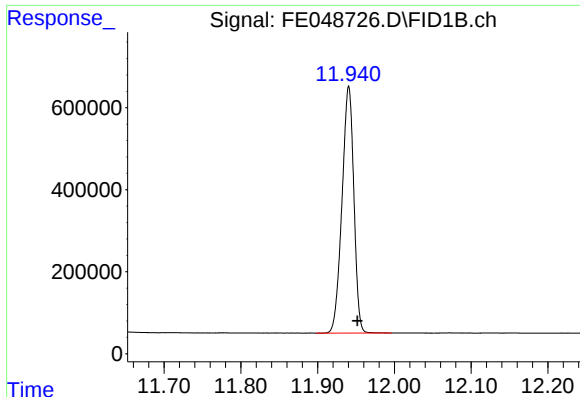
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.011 min
Response: 6347906
Conc: 45.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.011 min
Response: 6215325
Conc: 44.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.011 min
Response: 6441952
Conc: 44.86 ug/ml

Instrument :

FID_E

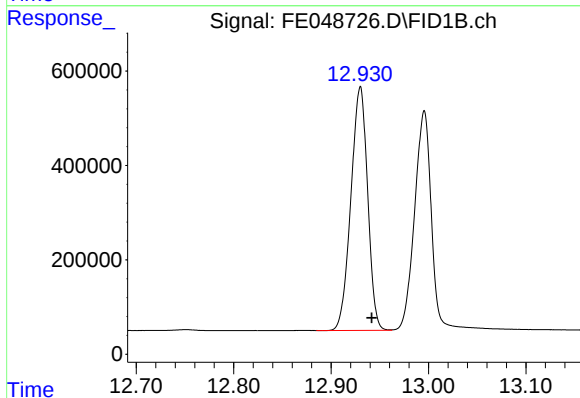
ClientSampleId :

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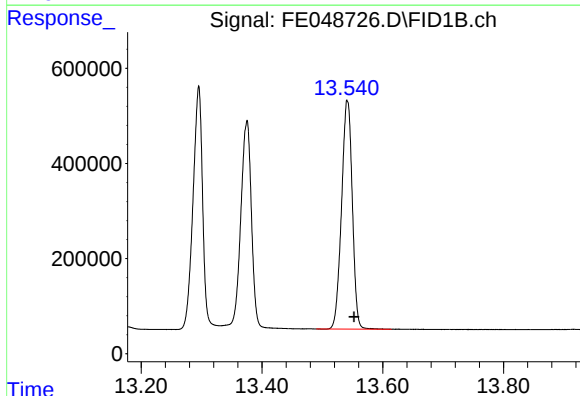
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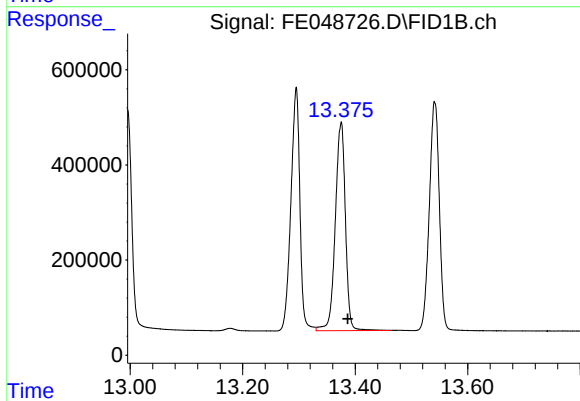
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.012 min
Response: 6168675
Conc: 46.61 ug/ml



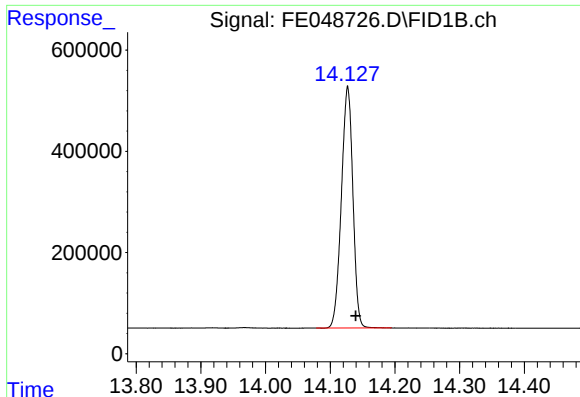
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.011 min
Response: 5943505
Conc: 45.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: -0.012 min
Response: 5479919
Conc: 50.30 ug/ml



#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.012 min
Response: 5897265
Conc: 45.76 ug/ml

Instrument :

FID_E

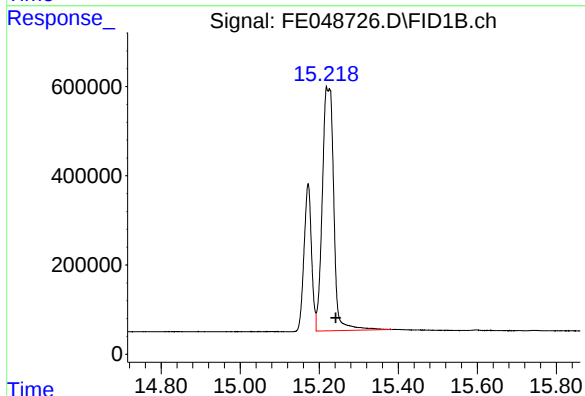
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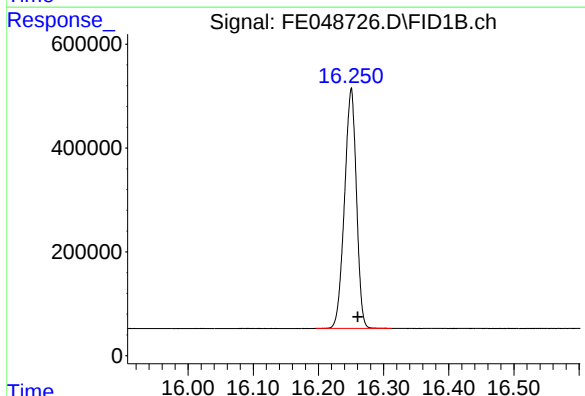
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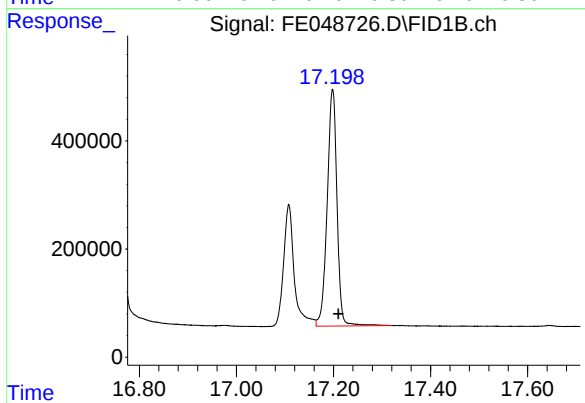
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: -0.023 min
Response: 10983255
Conc: 84.78 ug/ml



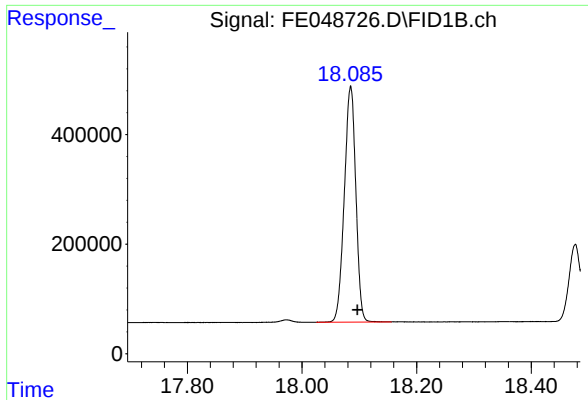
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.010 min
Response: 5882208
Conc: 45.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.012 min
Response: 6168212
Conc: 47.72 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.011 min
Response: 5994718
Conc: 44.75 ug/ml

Instrument :

FID_E

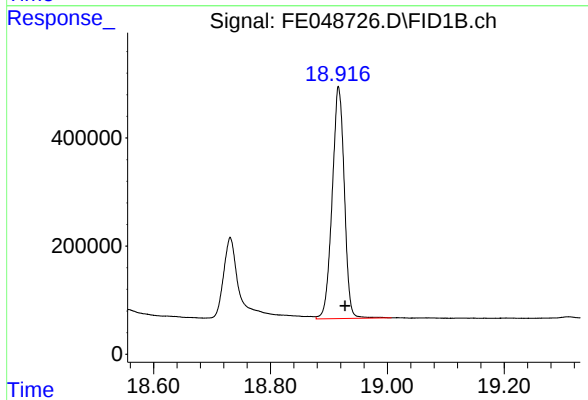
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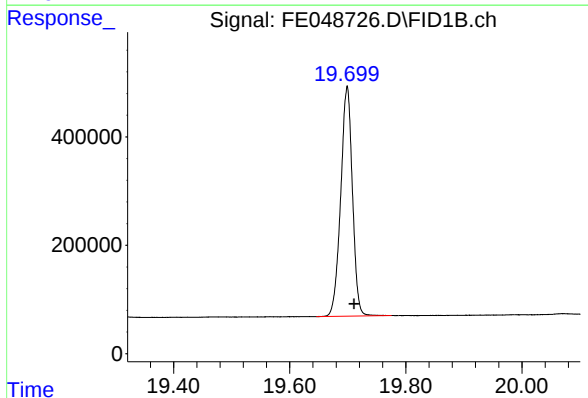
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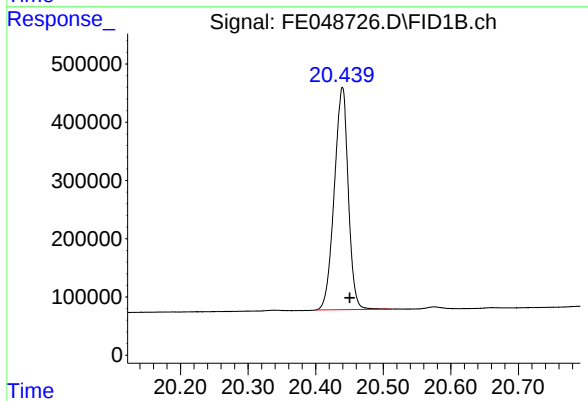
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.011 min
Response: 6201262
Conc: 45.68 ug/ml



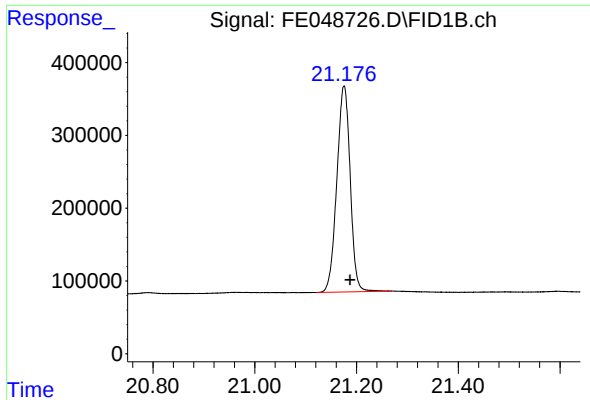
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.012 min
Response: 5940880
Conc: 43.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.011 min
Response: 5492246
Conc: 40.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: -0.012 min
Response: 5159275
Conc: 37.83 ug/ml

Instrument :

FID_E

ClientSampleId :

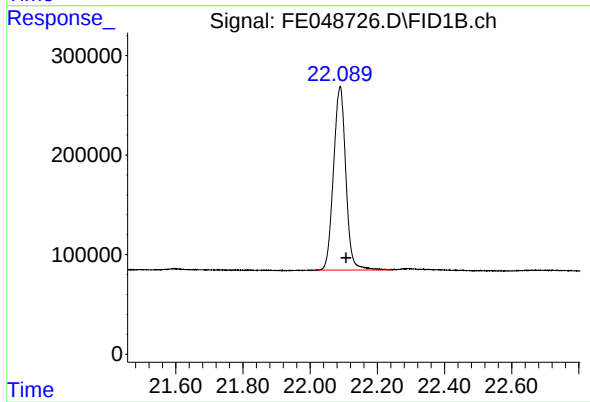
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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.018 min
Response: 4695544
Conc: 34.29 ug/ml m