

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061424AL\
 Data File : FE048732.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jun 2024 16:54
 Operator : YP\AJ
 Sample : P2889-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WCS-TPJMSD

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 00:53:08 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)	11.940	5321226	37.057 ug/ml
Spiked Amount 50.000		Recovery =	74.11%
12) S 1-chlorooctadecane (S...	13.373	4507820	41.378 ug/ml
Spiked Amount 50.000		Recovery =	82.76%
Target Compounds			
1) T n-Nonane (C9)	3.327	3952604	26.438 ug/ml
2) T n-Decane (C10)	4.577	4547690	30.117 ug/ml
3) T A~Naphthalene (C11.7)	6.281	5087127	34.165 ug/ml
4) T n-Dodecane (C12)	6.741	4694968	31.717 ug/ml
5) T A~2-methylnaphthalene...	7.377	5213580	37.601 ug/ml
6) T n-Tetradecane (C14)	8.571	5028985	35.457 ug/ml
7) T n-Hexadecane (C16)	10.176	5301330	37.604 ug/ml
8) T n-Octadecane (C18)	11.619	5439511	39.165 ug/ml
10) T n-Eicosane (C20)	12.929	5613929	42.422 ug/ml
11) T n-Heneicosane (C21)	13.541	5303260	40.942 ug/ml
13) T n-Docosane (C22)	14.127	5401268	41.915 ug/ml
14) T n-Tetracosane (C24)	15.221	10206753	78.786 ug/ml
15) T n-Hexacosane (C26)	16.250	5547570	42.803 ug/ml
16) T n-Octacosane (C28)	17.198	5800022	44.873 ug/ml
17) T n-Tricontane (C30)	18.085	5626896	42.004 ug/ml
18) T n-Dotriacontane (C32)	18.918	5726582	42.188 ug/ml
19) T n-Tetratriacontane (C34)	19.700	5779070	42.244 ug/ml
20) T n-Hexatriacontane (C36)	20.440	5669514	41.707 ug/ml
21) T n-Octatriacontane (C38)	21.177	5760890	42.244 ug/ml
22) T n-Tetracontane (C40)	22.093	5606721	40.948 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

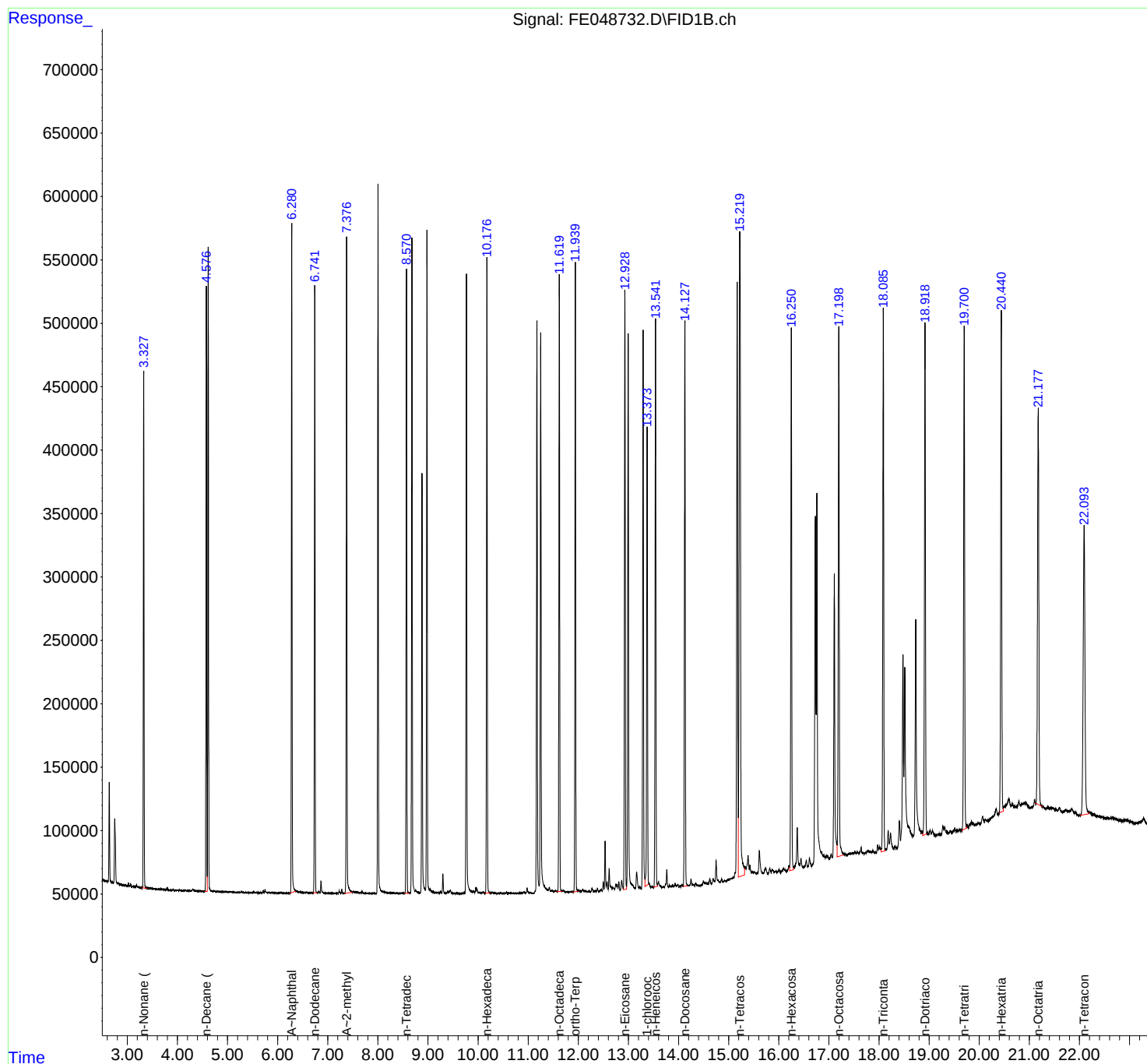
Instrument :
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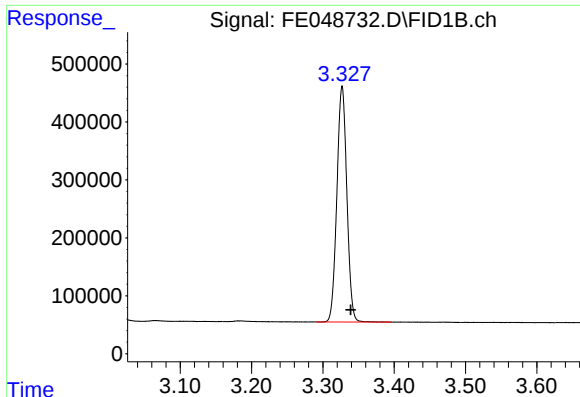
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#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.012 min
Response: 3952604
Conc: 26.44 ug/ml

Instrument :

FID_E

ClientSampleId :

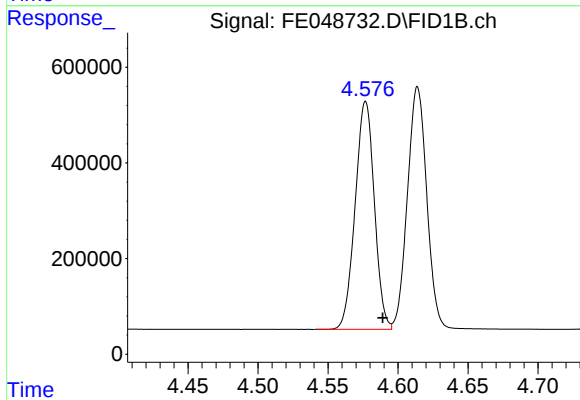
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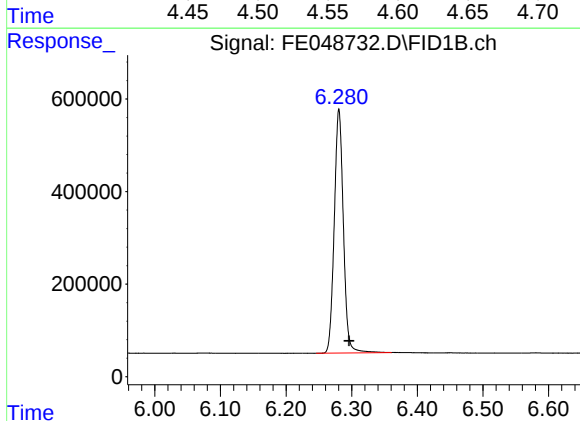
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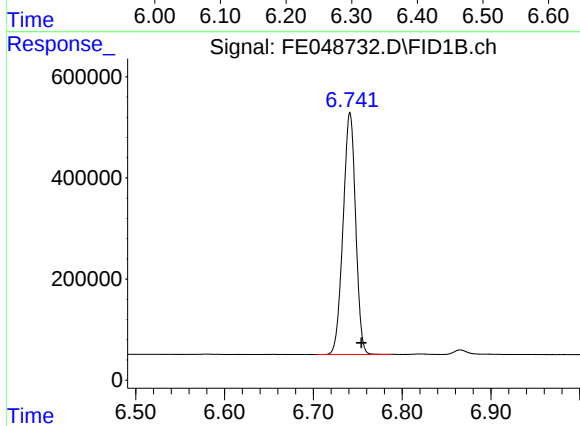
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.012 min
Response: 4547690
Conc: 30.12 ug/ml



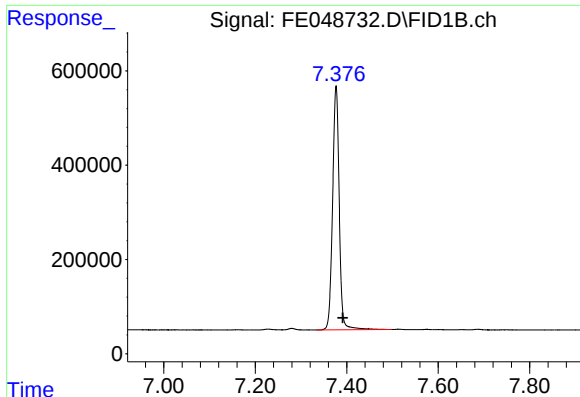
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.015 min
Response: 5087127
Conc: 34.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: -0.013 min
Response: 4694968
Conc: 31.72 ug/ml



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

R.T.: 7.377 min
Delta R.T.: -0.015 min
Response: 5213580
Conc: 37.60 ug/ml

Instrument :

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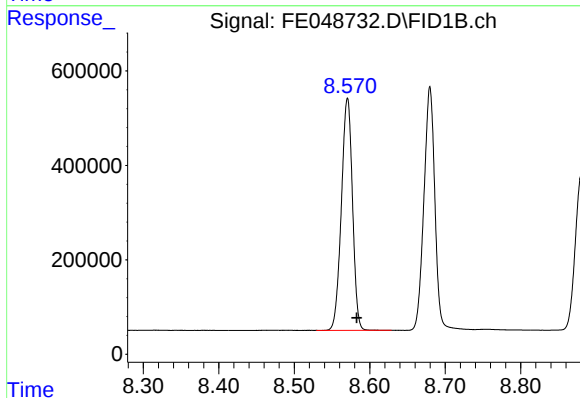
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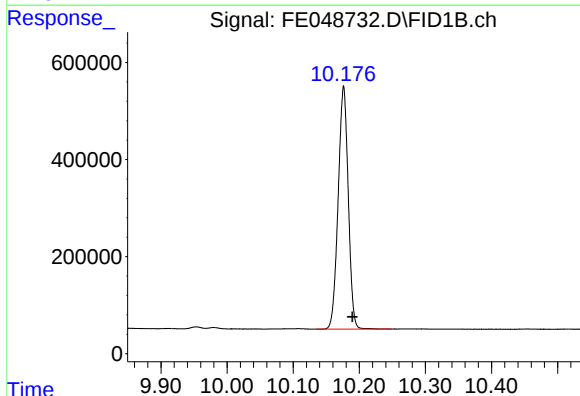
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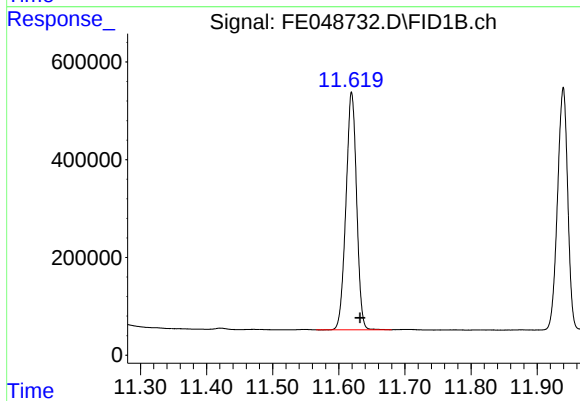
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.012 min
Response: 5028985
Conc: 35.46 ug/ml



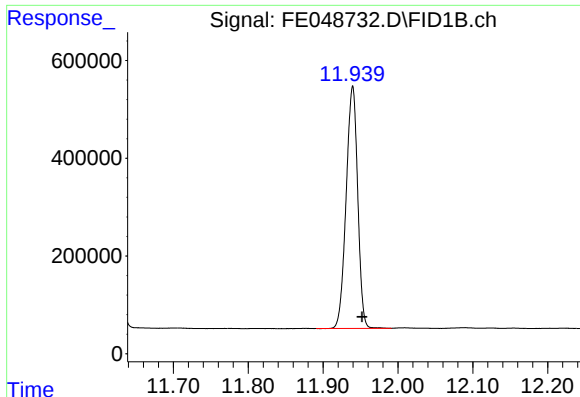
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.013 min
Response: 5301330
Conc: 37.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.013 min
Response: 5439511
Conc: 39.17 ug/ml



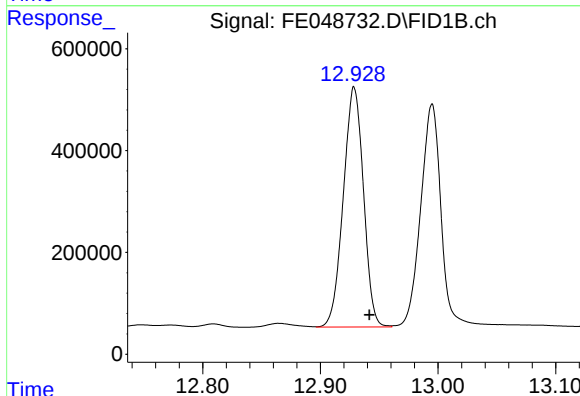
#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.012 min
Response: 5321226
Conc: 37.06 ug/ml

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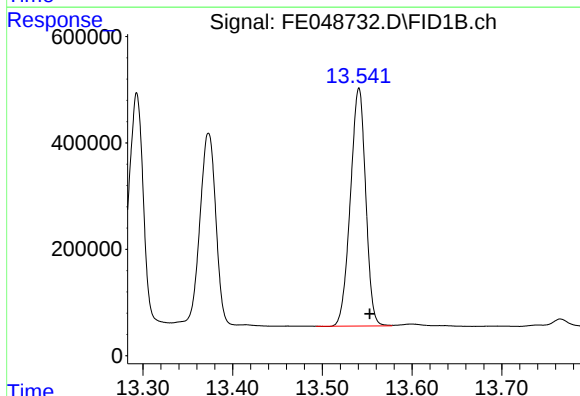
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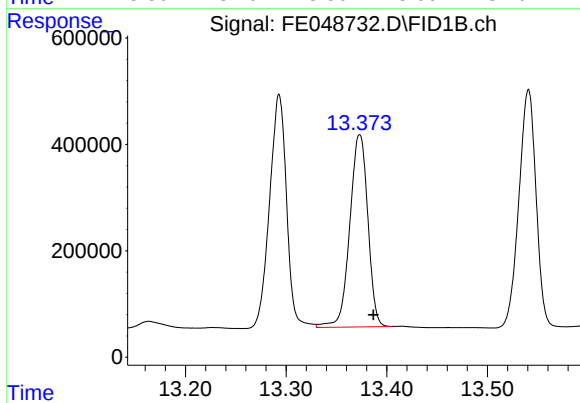
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.013 min
Response: 5613929
Conc: 42.42 ug/ml



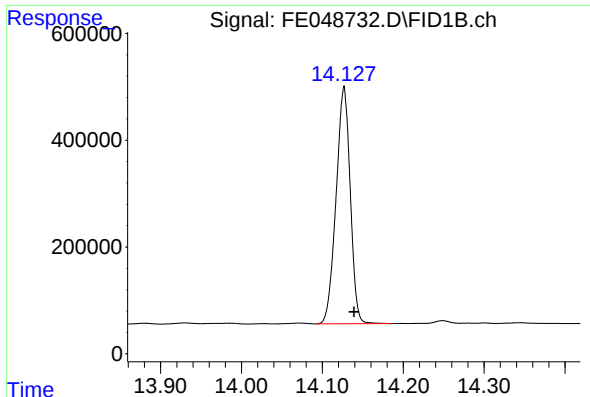
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.012 min
Response: 5303260
Conc: 40.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.014 min
Response: 4507820
Conc: 41.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.013 min
Response: 5401268
Conc: 41.91 ug/ml

Instrument :

FID_E

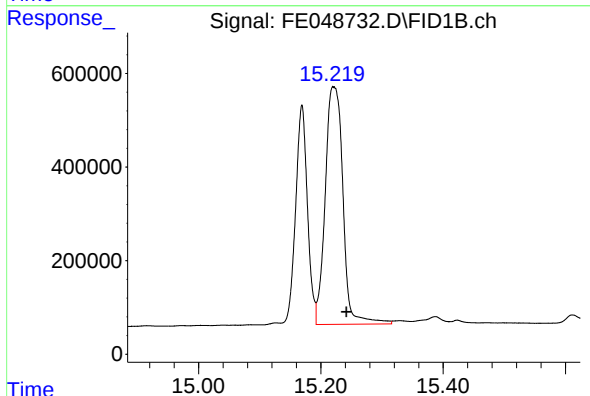
ClientSampleId :

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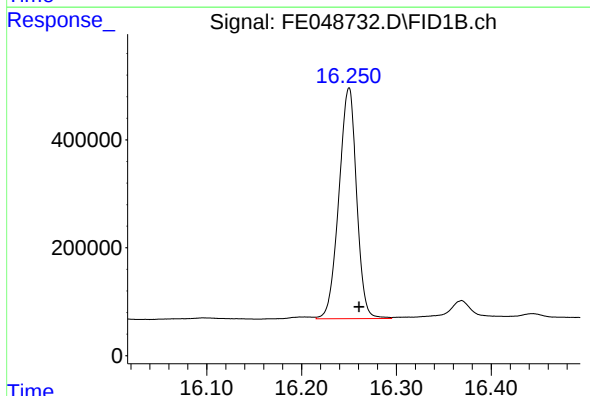
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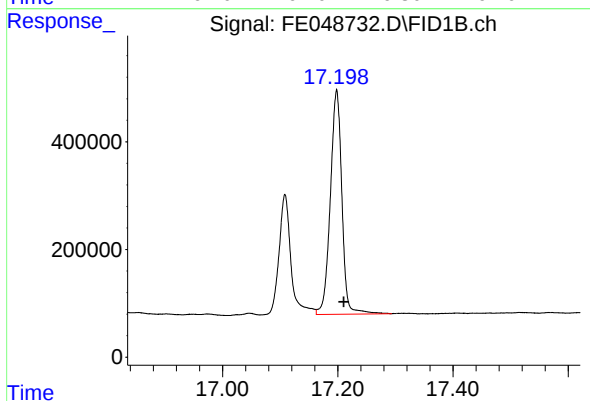
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.021 min
Response: 10206753
Conc: 78.79 ug/ml



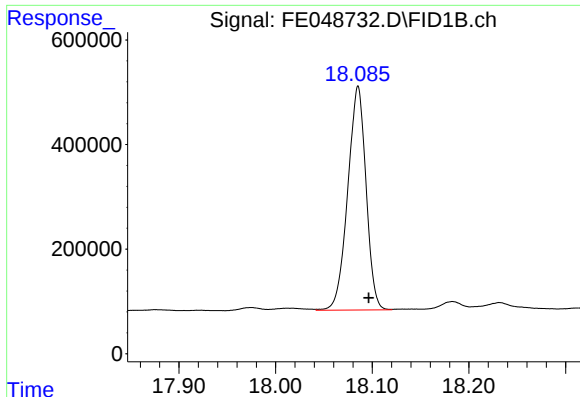
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.011 min
Response: 5547570
Conc: 42.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.012 min
Response: 5800022
Conc: 44.87 ug/ml



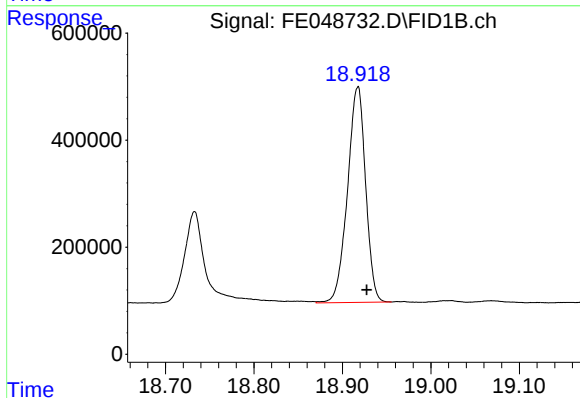
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.011 min
Response: 5626896
Conc: 42.00 ug/ml

Instrument :
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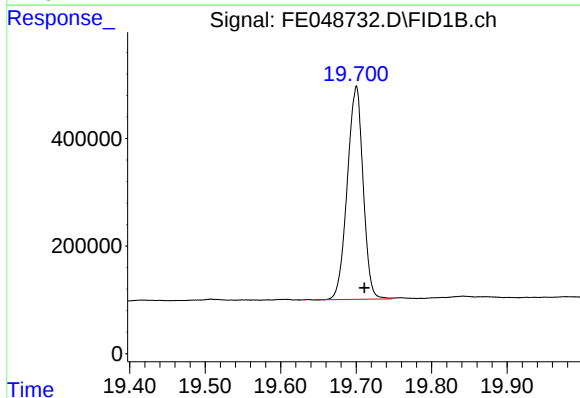
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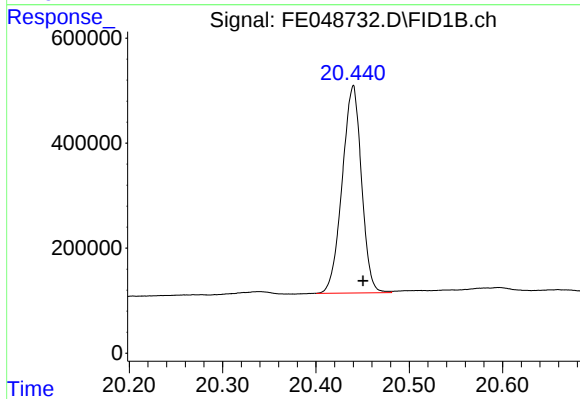
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.010 min
Response: 5726582
Conc: 42.19 ug/ml



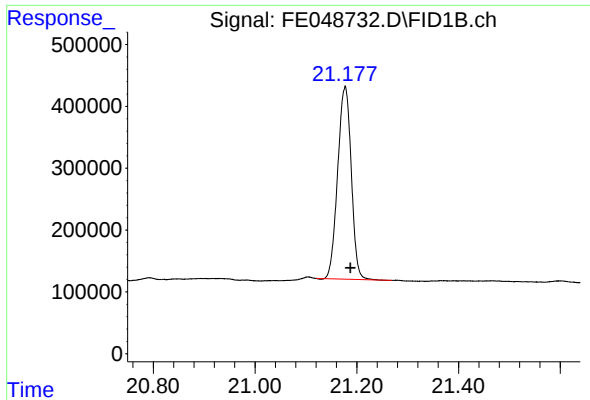
#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.011 min
Response: 5779070
Conc: 42.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.011 min
Response: 5669514
Conc: 41.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.010 min
Response: 5760890
Conc: 42.24 ug/ml

Instrument :

FID_E

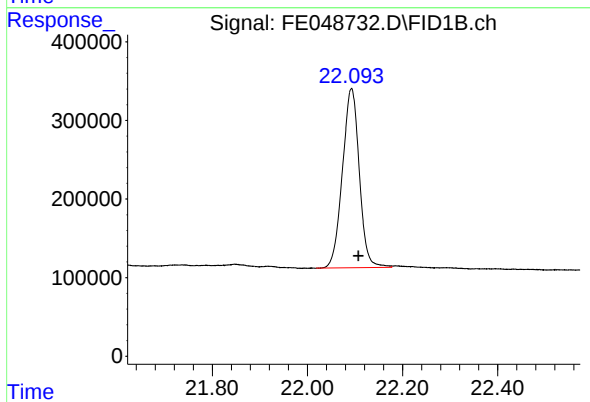
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#22 n-Tetracontane (C40)

R.T.: 22.093 min
Delta R.T.: -0.014 min
Response: 5606721
Conc: 40.95 ug/ml m